

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041720\
 Data File : VX015743.D
 Acq On : 17 Apr 2020 17:09
 Operator : JC/SP
 Sample : VX0417WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBSD02

Manual Integrations
 APPROVED

Quant Time: Apr 20 05:14:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	956686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1456638	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1311977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	712820	50.00	ug/l	0.00

System Monitoring Compounds

MMDadoda

33) 1,2-Dichloroethane-d4	6.03	65	626203	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	
35) Dibromofluoromethane	5.47	113	484446	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	
50) Toluene-d8	8.70	98	1800820	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	
62) 4-Bromofluorobenzene	11.12	95	728381	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	

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Target Compounds

Qvalue

2) Dichlorodifluoromethane	1.19	85	130334	15.463	ug/l	100
3) Chloromethane	1.31	50	171321	15.961	ug/l	99
4) Vinyl Chloride	1.39	62	173698	17.624	ug/l	99
5) Bromomethane	1.63	94	126692	23.619	ug/l	99
6) Chloroethane	1.72	64	108017	17.671	ug/l	99
7) Trichlorofluoromethane	1.92	101	236469	17.890	ug/l	96
8) Diethyl Ether	2.17	74	99537	17.854	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	163955	19.028	ug/l	100
10) Methyl Iodide	2.50	142	136234	11.727	ug/l	98
11) Tert butyl alcohol	3.01	59	226038	69.989	ug/l	98
12) 1,1-Dichloroethene	2.36	96	159276	17.634	ug/l	94
13) Acrolein	2.27	56	204770	111.304	ug/l	99
14) Allyl chloride	2.71	41	350155	16.592	ug/l	99
15) Acrylonitrile	3.12	53	555025	90.114	ug/l	99
16) Acetone	2.42	43	482891	83.301	ug/l	100
17) Carbon Disulfide	2.55	76	400116	14.522	ug/l	96
18) Methyl Acetate	2.75	43	262021	17.710	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	623868	17.809	ug/l	99
20) Methylene Chloride	2.84	84	189945	17.542	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	176313	17.589	ug/l	99
22) Diisopropyl ether	3.83	45	682224	18.243	ug/l	98
23) Vinyl Acetate	3.79	43	2939461	86.814	ug/l	100
24) 1,1-Dichloroethane	3.67	63	342613	17.400	ug/l	99
25) 2-Butanone	4.64	43	776000	83.238	ug/l	100
26) 2,2-Dichloropropane	4.55	77	284719	17.617	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	211339	18.223	ug/l	97
28) Bromochloromethane	4.99	49	172157	18.313	ug/l	94
29) Tetrahydrofuran	5.09	42	505803	84.395	ug/l	99
30) Chloroform	5.18	83	343443	18.130	ug/l	95
31) Cyclohexane	5.55	56	295129	17.278	ug/l	95
32) 1,1,1-Trichloroethane	5.47	97	304898	17.785	ug/l	99
36) 1,1-Dichloropropene	5.78	75	247947	18.474	ug/l	98
37) Ethyl Acetate	4.80	43	308531	17.655	ug/l	99
38) Carbon Tetrachloride	5.76	117	260844	17.944	ug/l	96

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 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

Quant Time: Apr 20 05:14:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	278912	18.024	ug/l	92
40) Benzene	6.12	78	745320	18.958	ug/l	95
41) Methacrylonitrile	5.01	41	177547	18.302	ug/l	98
42) 1,2-Dichloroethane	6.17	62	289956	18.361	ug/l	99
43) Isopropyl Acetate	6.42	43	510445	17.303	ug/l	98
44) Trichloroethene	7.19	130	211779	19.752	ug/l	93
45) 1,2-Dichloropropane	7.49	63	204290	18.995	ug/l	98
46) Dibromomethane	7.64	93	128521	18.217	ug/l	96
47) Bromodichloromethane	7.88	83	271265	18.045	ug/l	98
48) Methyl methacrylate	7.75	41	258108	17.516	ug/l	97
49) 1,4-Dioxane	7.72	88	84044	305.744	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1551129	92.779	ug/l	100
52) Toluene	8.77	92	470751	19.422	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	304466	17.269	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	316627	17.630	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	195492	19.686	ug/l	99
56) Ethyl methacrylate	9.16	69	313648	17.921	ug/l	98
57) 1,3-Dichloropropane	9.36	76	339764	18.990	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	783033	91.983	ug/l	98
59) 2-Hexanone	9.47	43	1150759	91.170	ug/l	98
60) Dibromochloromethane	9.57	129	218366	18.299	ug/l	99
61) 1,2-Dibromoethane	9.65	107	202623	18.765	ug/l	97
64) Tetrachloroethene	9.32	164	199913	20.191	ug/l	96
65) Chlorobenzene	10.12	112	518045	19.799	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	198112	18.953	ug/l	98
67) Ethyl Benzene	10.24	91	923695	19.905	ug/l	99
68) m/p-Xylenes	10.34	106	699892	40.503	ug/l	96
69) o-Xylene	10.68	106	339045	19.856	ug/l	99
70) Styrene	10.70	104	595147	19.807	ug/l	98
71) Bromoform	10.84	173	163139	17.144	ug/l	98
73) Isopropylbenzene	11.00	105	919425	19.686	ug/l	98
74) N-amyl acetate	10.88	43	439806	16.931	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	297322	18.552	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	274870m	18.751	ug/l	
77) Bromobenzene	11.24	156	250980	20.146	ug/l	92
78) n-propylbenzene	11.34	91	1012758	18.963	ug/l	99
79) 2-Chlorotoluene	11.40	91	611697	18.687	ug/l	96
80) 1,3,5-Trimethylbenzene	11.49	105	767008	19.229	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	92989	15.221	ug/l	96
82) 4-Chlorotoluene	11.50	91	730282	19.030	ug/l	98
83) tert-Butylbenzene	11.76	119	752824	19.322	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	766806	18.865	ug/l	98
85) sec-Butylbenzene	11.93	105	879189	19.511	ug/l	99
86) p-Isopropyltoluene	12.05	119	824442	19.708	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	437653	19.624	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	427311	18.810	ug/l	96
89) n-Butylbenzene	12.37	91	723836	19.148	ug/l	100
90) Hexachloroethane	12.58	117	132427	16.264	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	436146	19.983	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	68784	15.206	ug/l	96

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#

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBSD02

Manual Integrations
APPROVED

Quant Time: Apr 20 05:14:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	337775	19.565	ug/l	98
94) Hexachlorobutadiene	13.76	225	147515	17.947	ug/l	96
95) Naphthalene	13.82	128	1022103	19.409	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	334644	20.133	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

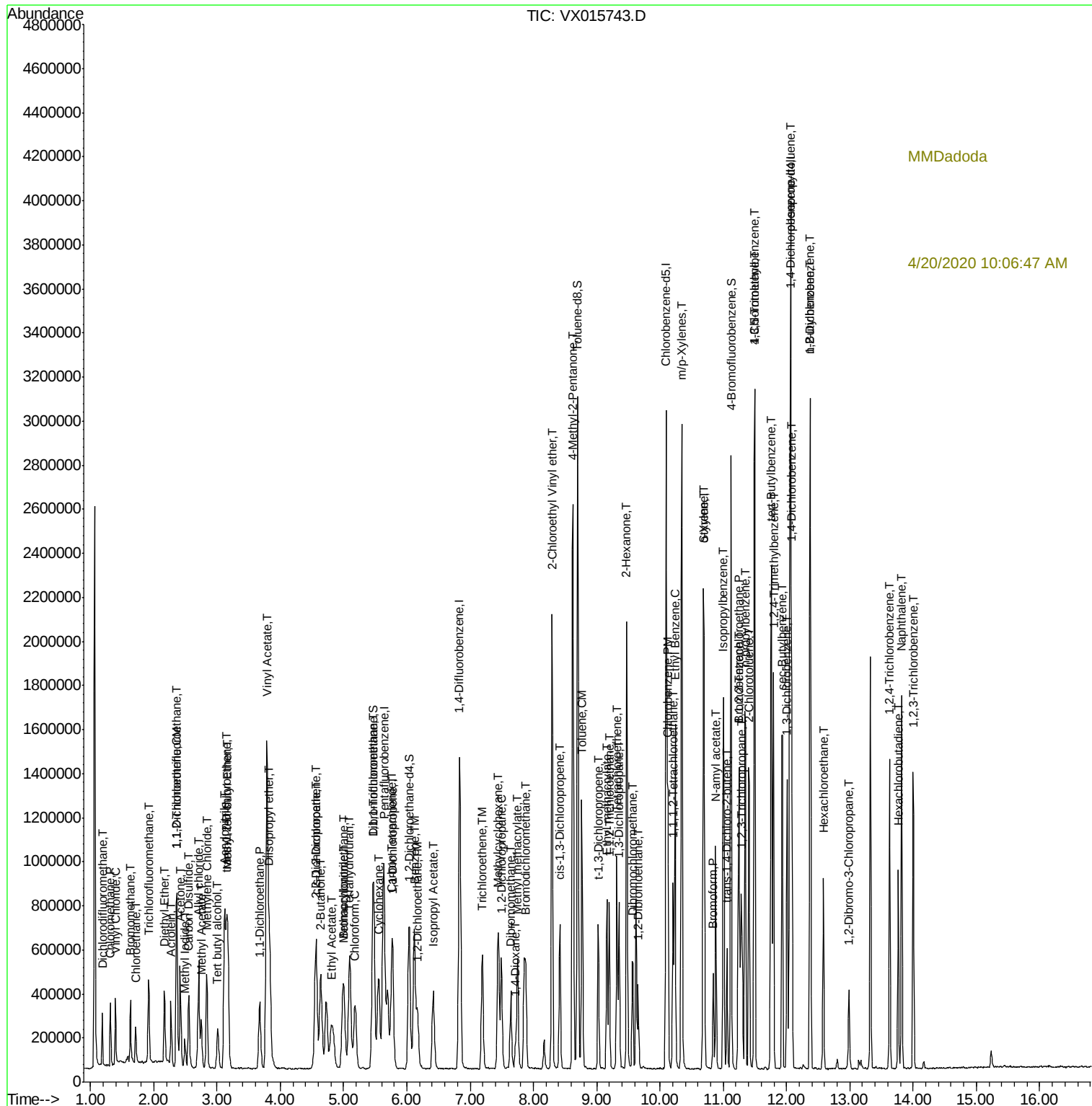
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041720\
Data File : VX015743.D
Acq On : 17 Apr 2020 17:09
Operator : JC/SP
Sample : VX0417WBSD02
Misc : 5.0mL/MSVOA X/WATER
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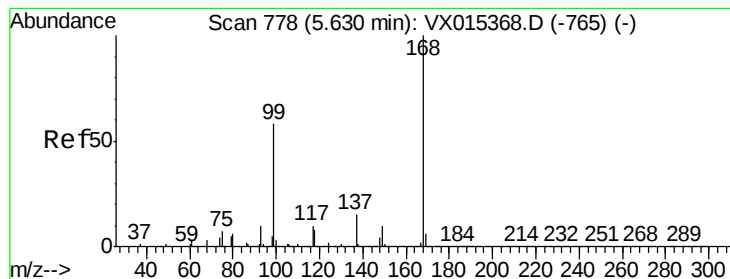
Manual Integrations
APPROVED

Quant Time: Apr 20 05:14:46 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration



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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBSD02

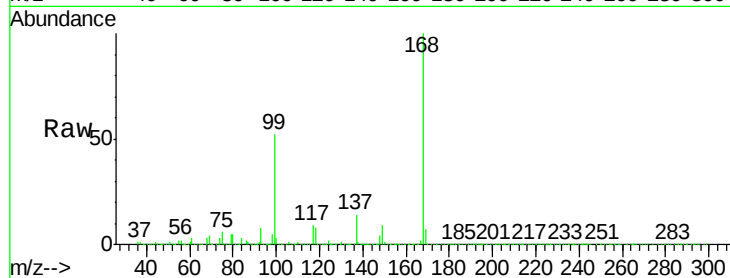
Tot Ion:168 Resp: 956686

Ion Ratio Lower Upper

168 100

99 52.2 46.4 69.6

Manual Integrations
APPROVED



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

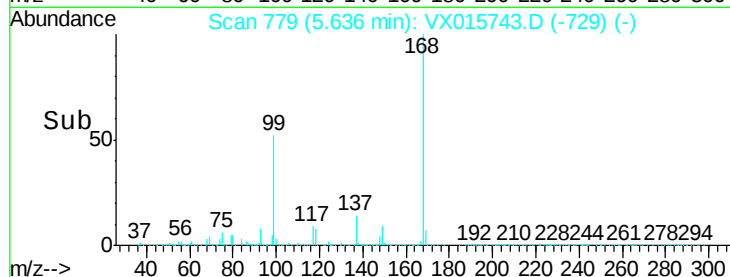
300000

200000

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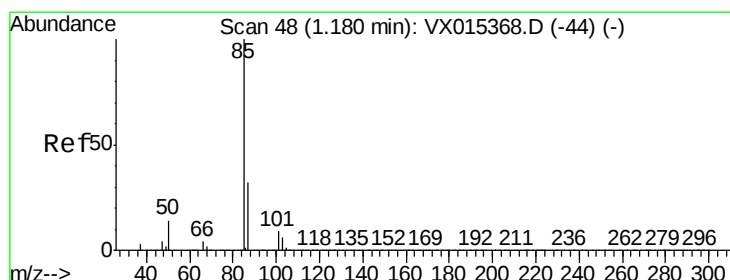
0

Time-->



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#2

Dichlorodifluoromethane

Concen: 15.463 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015743.D

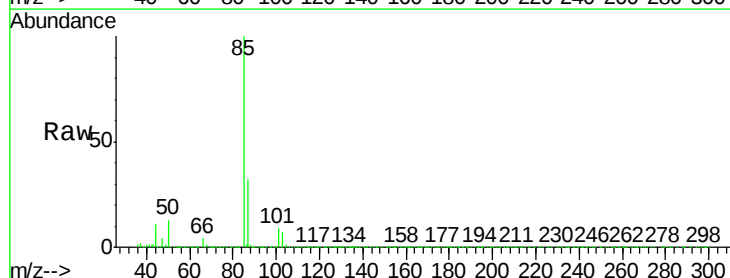
Acq: 17 Apr 2020 17:09

Tgt Ion: 85 Resp: 130334

Ion Ratio Lower Upper

85 100

87 31.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

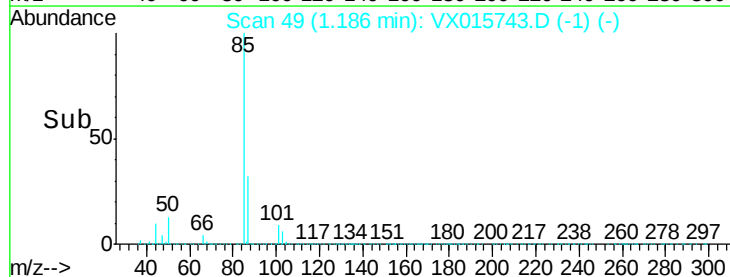
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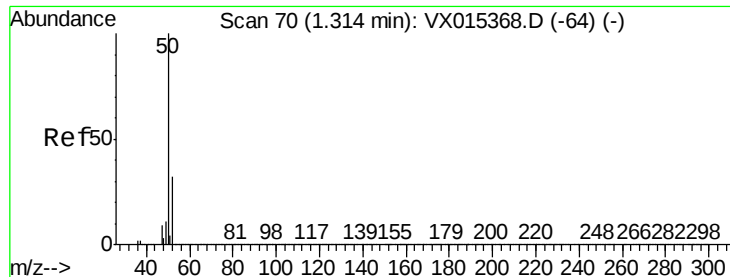
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Time-->



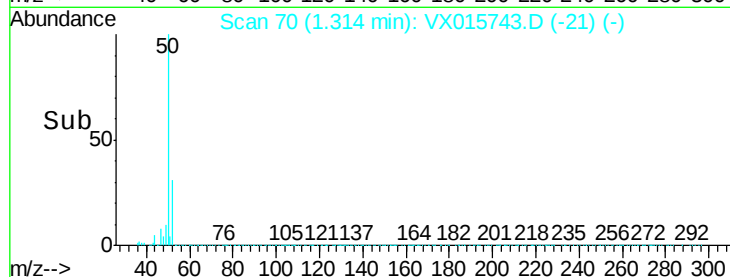
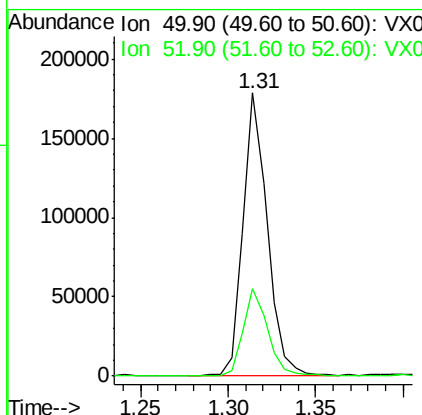
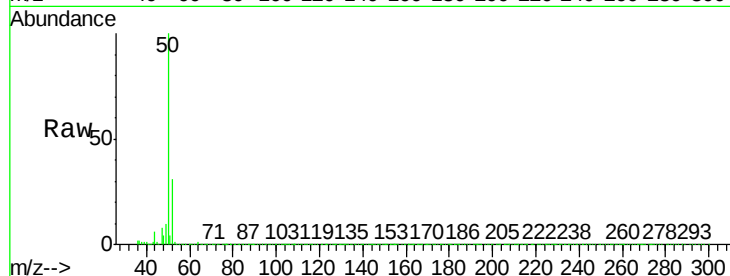


#3
Chloromethane
Concen: 15.961 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBSD02

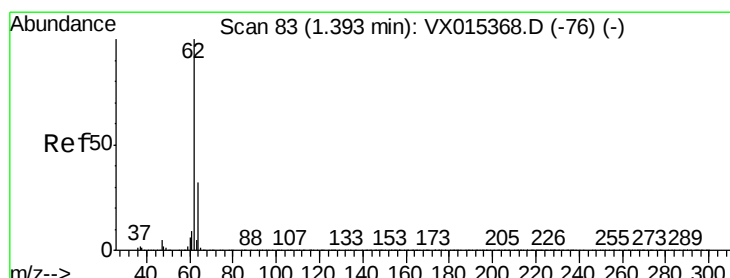
Tot Ion	Ratio	Lower	Upper
50	100		
52	30.9	25.3	37.9

Manual Integrations
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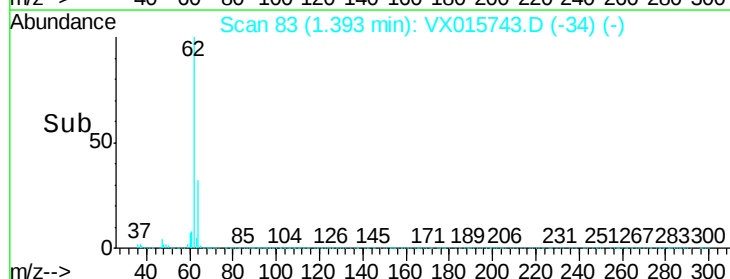
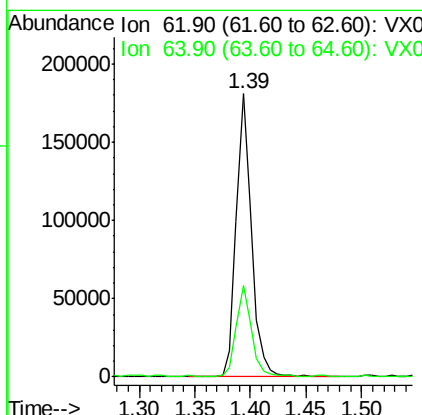
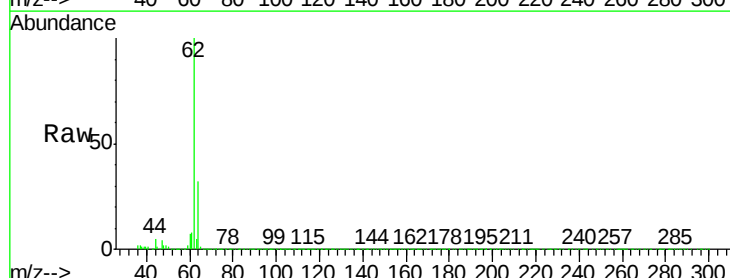
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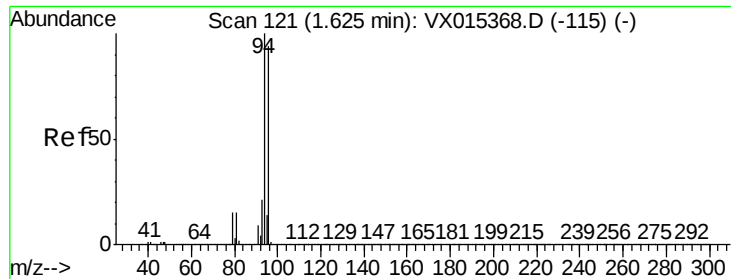
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#4
Vinyl Chloride
Concen: 17.624 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.8	26.0	39.0





#5

Bromomethane

Concen: 23.619 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Instrument :

MSVOA_X

ClientSampled :

VX0417WBSD02

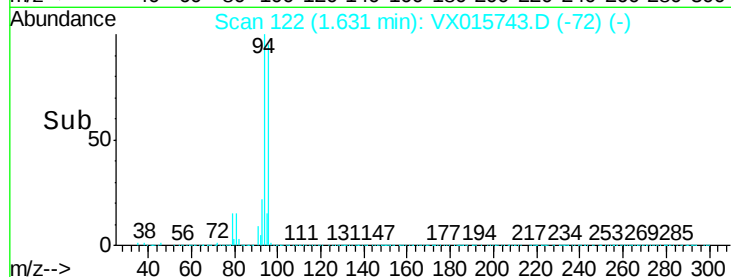
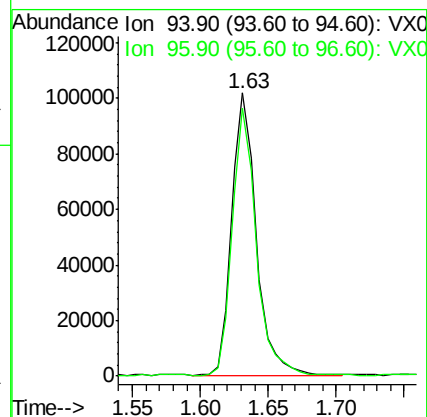
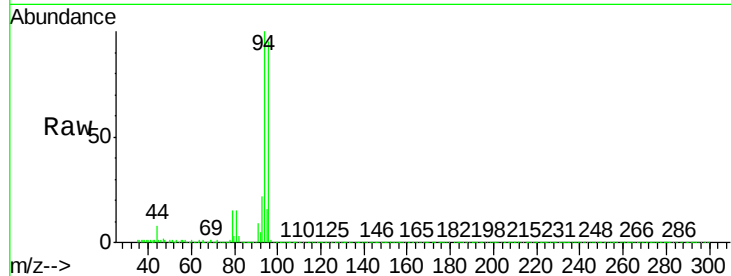
Tot Ion: 94 Resp: 126692

Ion Ratio Lower Upper

94 100

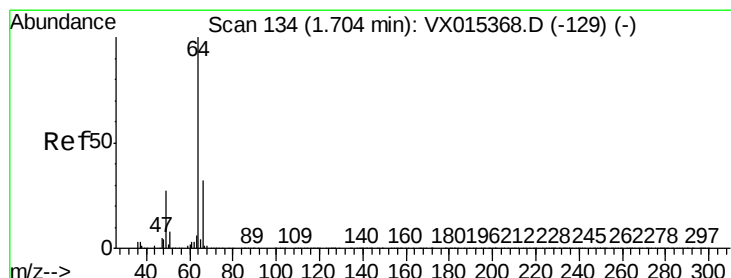
96 94.9 74.8 112.2

Manual Integrations
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#6

Chloroethane

Concen: 17.671 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX015743.D

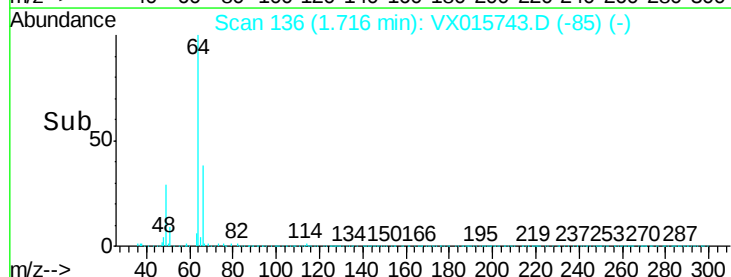
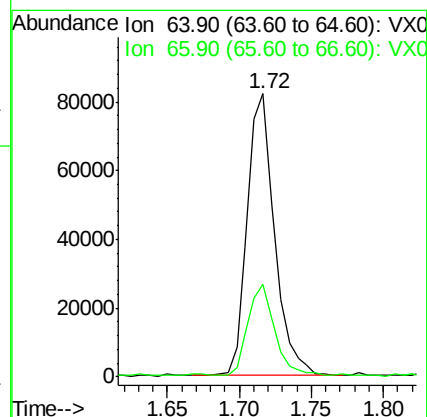
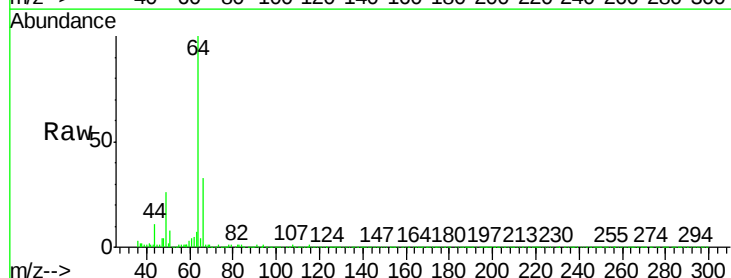
Acq: 17 Apr 2020 17:09

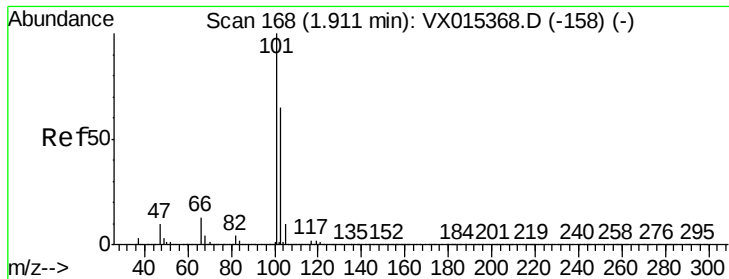
Tgt Ion: 64 Resp: 108017

Ion Ratio Lower Upper

64 100

66 32.1 25.4 38.2





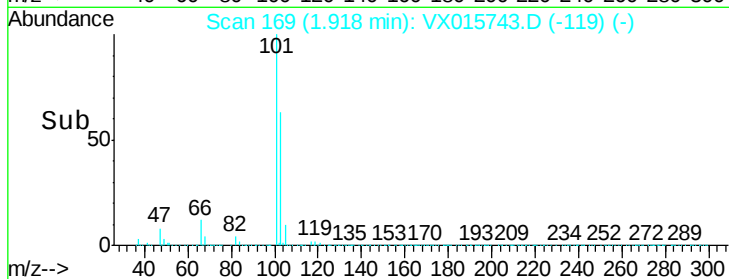
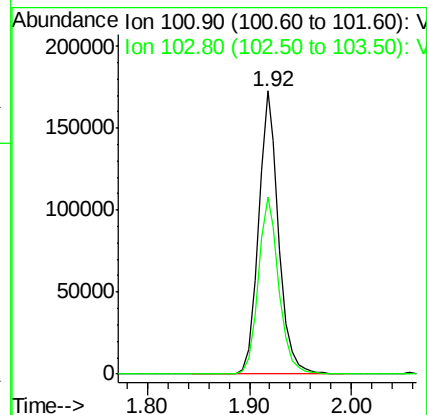
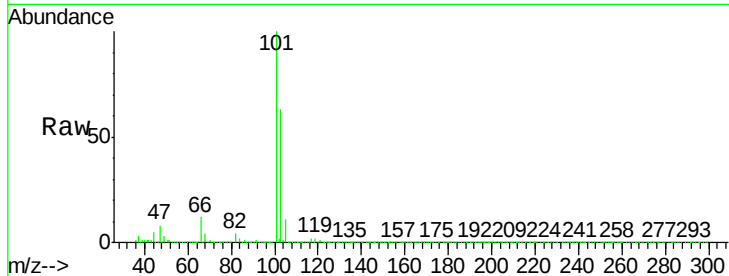
#7

Trichlorofluoromethane
Concen: 17.890 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBSD02

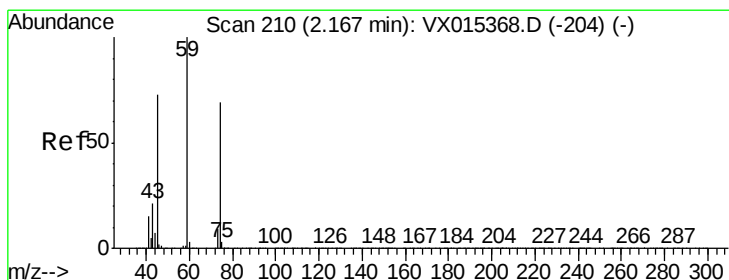
Tot Ion	Ratio	Lower	Upper
101	100		
103	62.5	52.3	78.5

Manual Integrations
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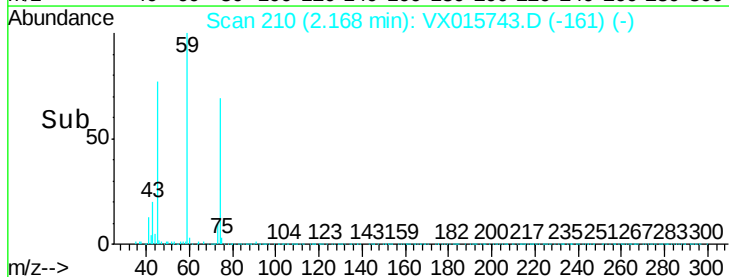
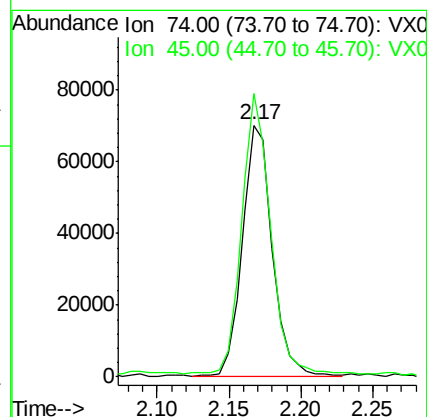
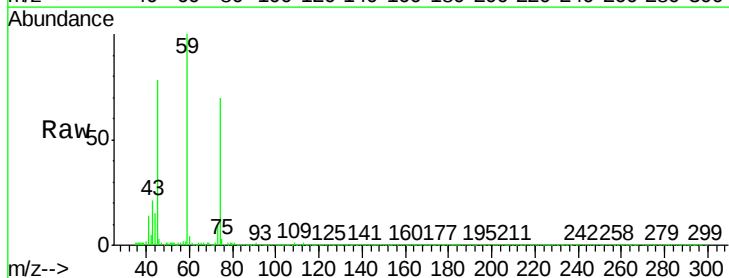
4/20/2020 10:06:47 AM

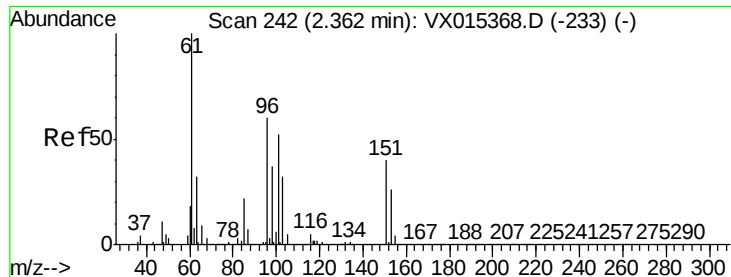


#8

Diethyl Ether
Concen: 17.854 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.7	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.028 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Instrument :

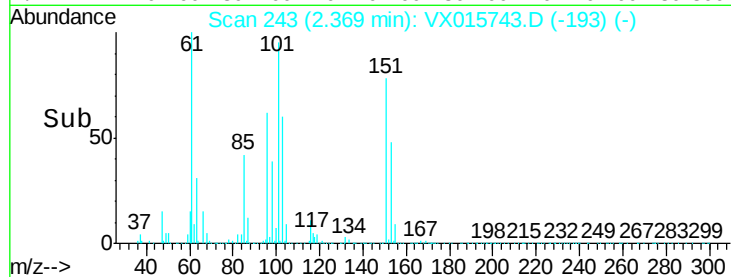
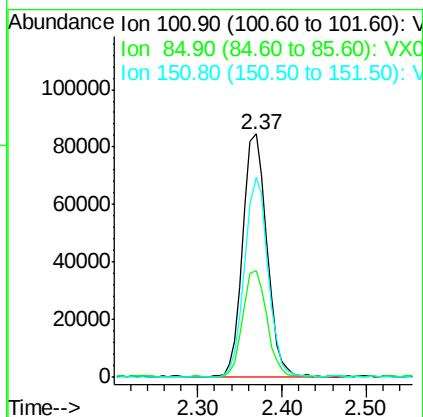
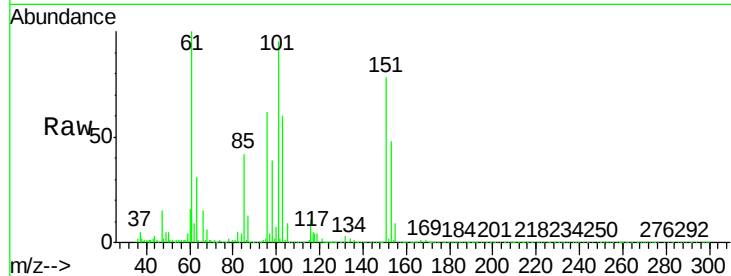
MSVOA_X

ClientSampled :

VX0417WBSD02

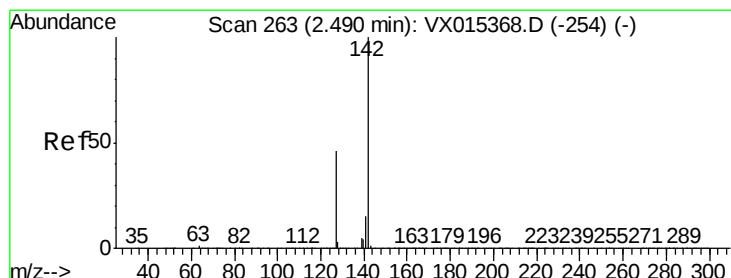
Tot Ion:	101	Resp:	163955
Ion Ratio	Lower	Upper	
101	100		
85	43.5	35.0	52.4
151	80.1	64.1	96.1

Manual Integrations
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#10

Methyl Iodide

Concen: 11.727 ug/l

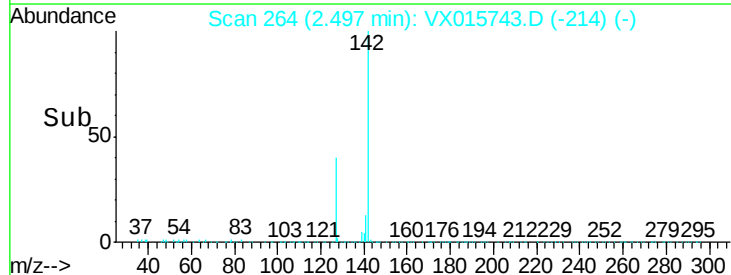
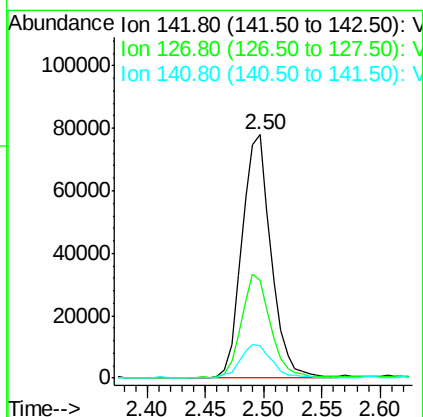
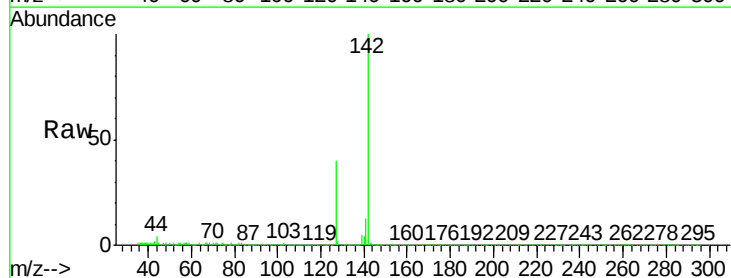
RT: 2.50 min Scan# 264

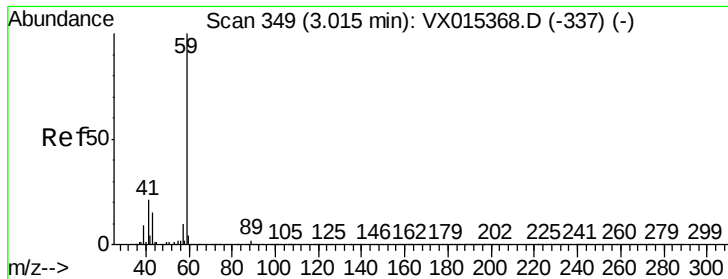
Delta R.T. 0.01 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Tgt Ion:	142	Resp:	136234
Ion Ratio	Lower	Upper	
142	100		
127	43.2	35.9	53.9
141	15.2	11.6	17.4



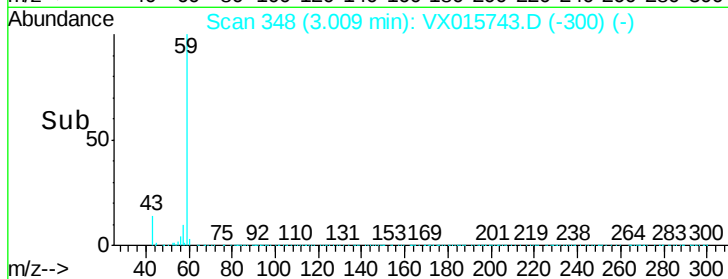
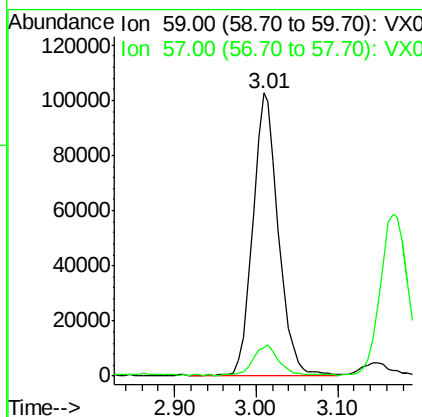
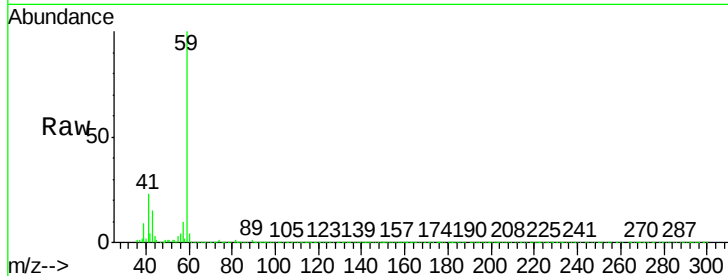


#11
Tert butyl alcohol
Concen: 69.989 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Instrument :
MSVOA_X
ClientSampled :
VX0417WBSD02

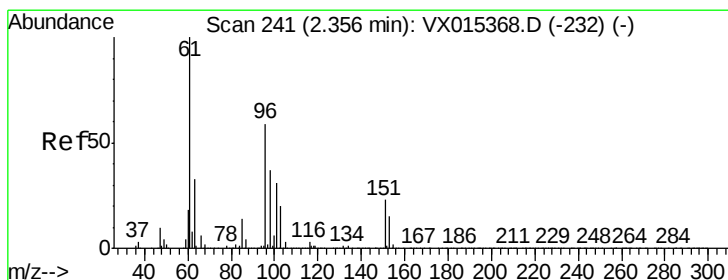
Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.1	12.1

Manual Integrations
APPROVED



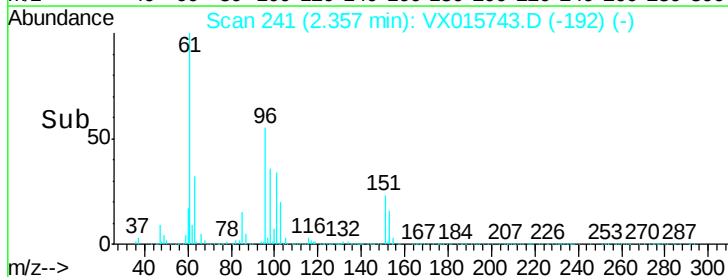
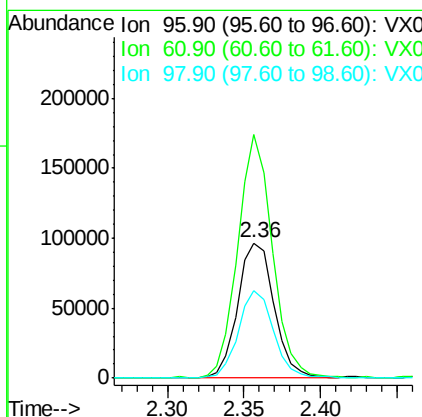
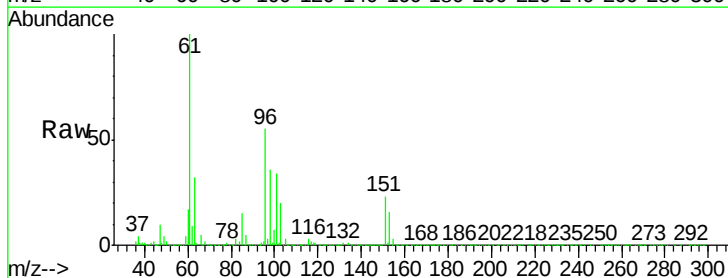
MMDadoda

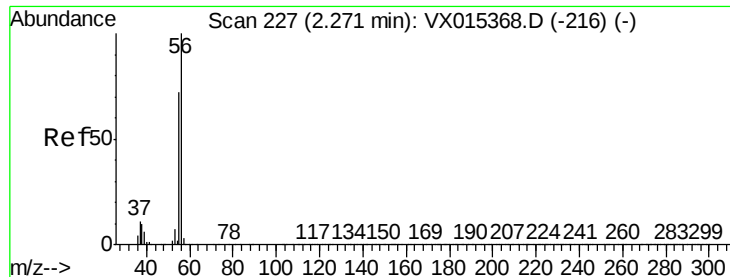
4/20/2020 10:06:47 AM



#12
1,1-Dichloroethene
Concen: 17.634 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	180.1	135.7	203.5
98	64.5	50.6	75.8



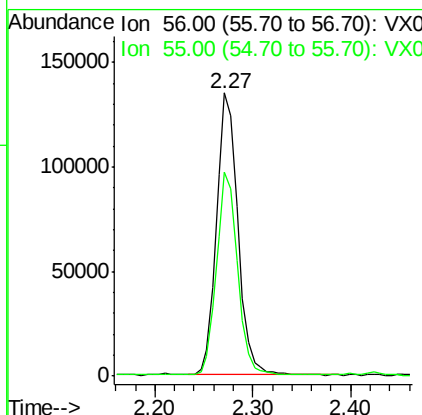
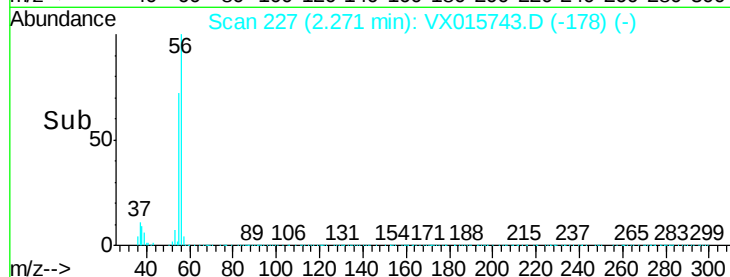
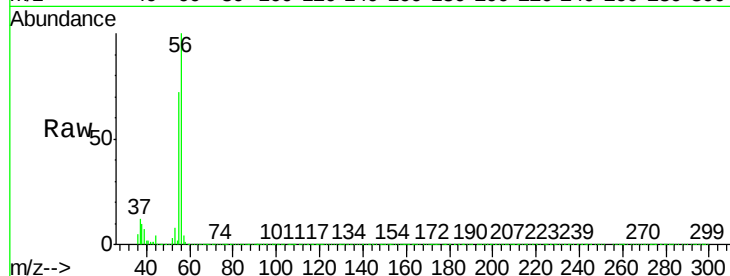


#13
Acrolein
Concen: 111.304 ug/l
RT: 2.27 min Scan# 227
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBSD02

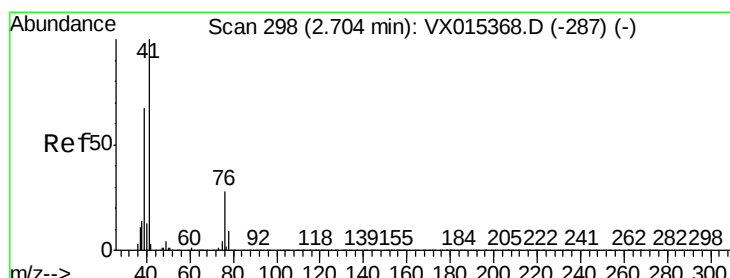
Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	70.2	57.0	85.4

Manual Integrations
APPROVED



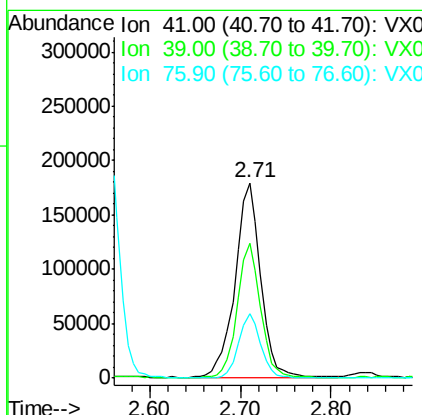
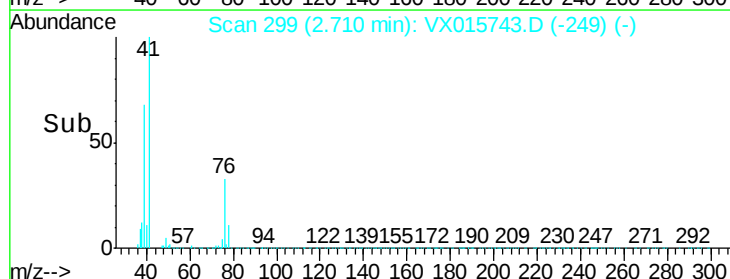
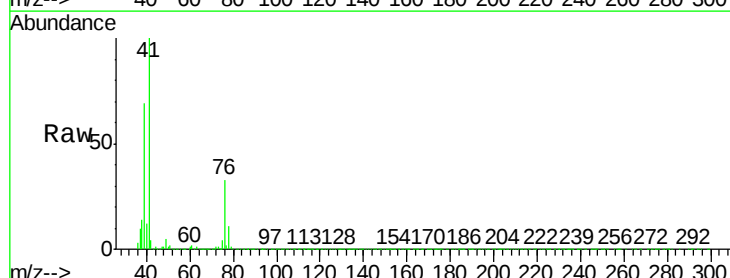
MMDadoda

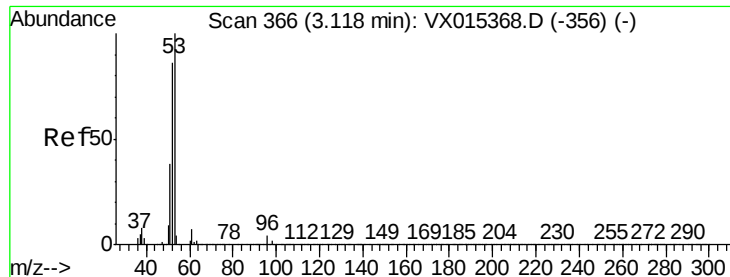
4/20/2020 10:06:47 AM



#14
Allyl chloride
Concen: 16.592 ug/l
RT: 2.71 min Scan# 299
Delta R.T. 0.01 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	64.4	51.4	77.0
76	76	27.9	21.8	32.8





#15

Acrylonitrile

Concen: 90.114 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Instrument :

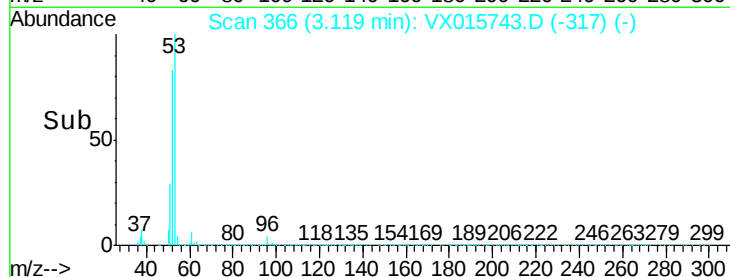
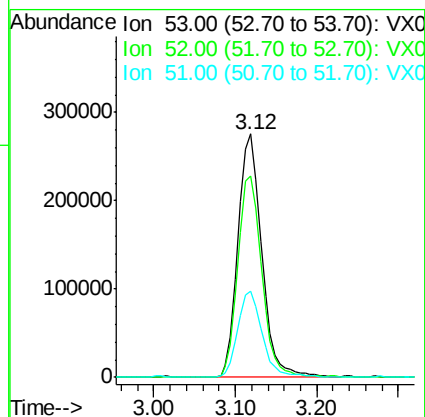
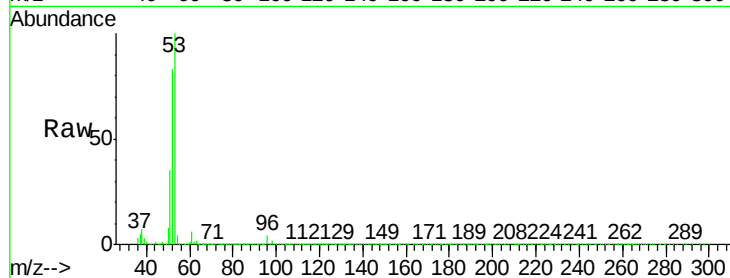
MSVOA_X

ClientSampled :

VX0417WBSD02

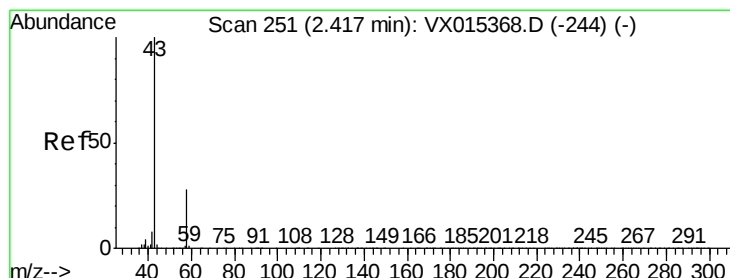
Tot Ion:	53	Resp:	555025
Ion Ratio		Lower	Upper
53	100		
52	83.4	66.8	100.2
51	35.8	29.5	44.3

Manual Integrations
APPROVED



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#16

Acetone

Concen: 83.301 ug/l

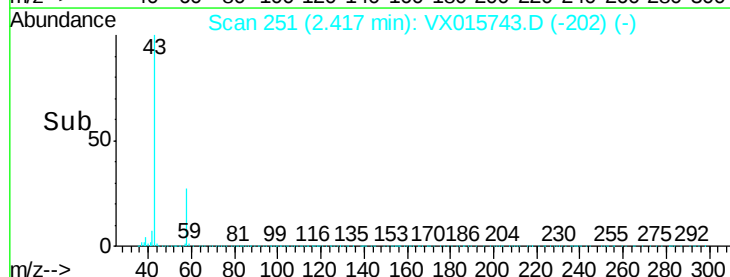
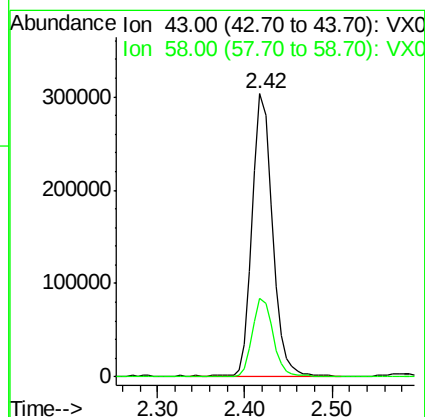
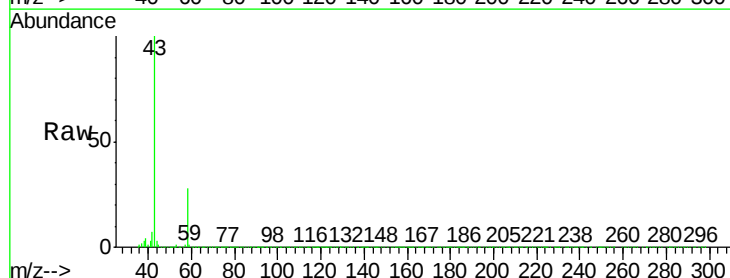
RT: 2.42 min Scan# 251

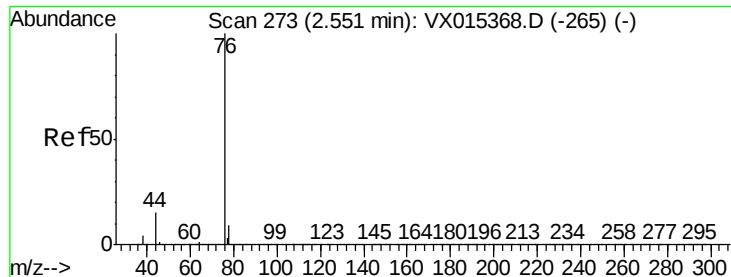
Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Tgt Ion:	43	Resp:	482891
Ion Ratio		Lower	Upper
43	100		
58	27.5	22.1	33.1





#17

Carbon Disulfide

Concen: 14.522 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Instrument :

MSVOA_X

ClientSampled :

VX0417WBSD02

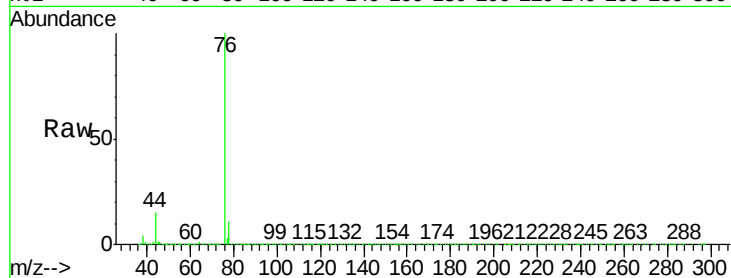
Tot Ion: 76 Resp: 400116

Ion Ratio Lower Upper

76 100

78 10.4 7.1 10.7

Manual Integrations
APPROVED



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

100000

50000

0

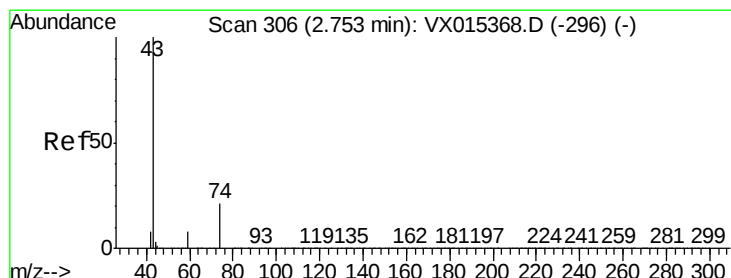
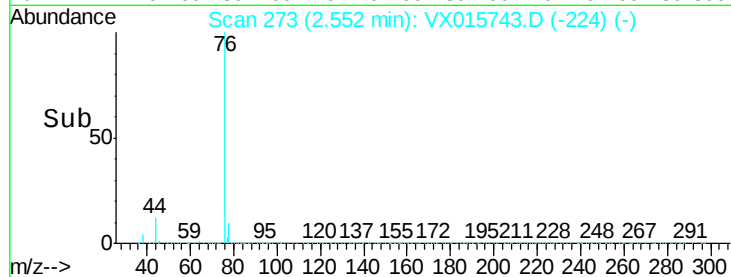
2.55

2.45 2.50 2.55 2.60 2.65

Time-->

MMDadoda

4/20/2020 10:06:47 AM



#18

Methyl Acetate

Concen: 17.710 ug/l

RT: 2.75 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX015743.D

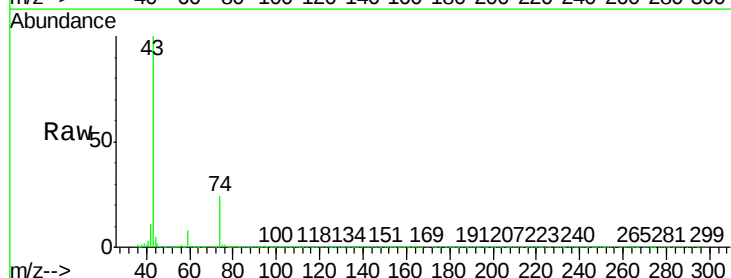
Acq: 17 Apr 2020 17:09

Tgt Ion: 43 Resp: 262021

Ion Ratio Lower Upper

43 100

74 23.0 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

150000

100000

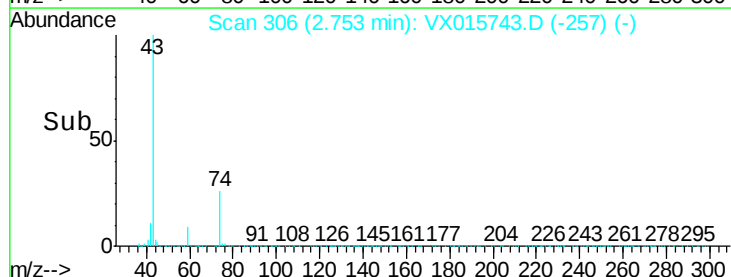
50000

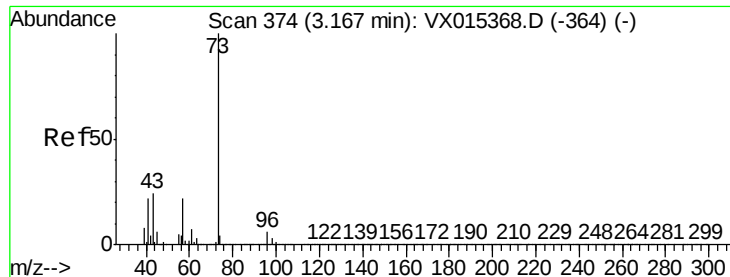
0

2.75

2.65 2.70 2.75 2.80 2.85

Time-->



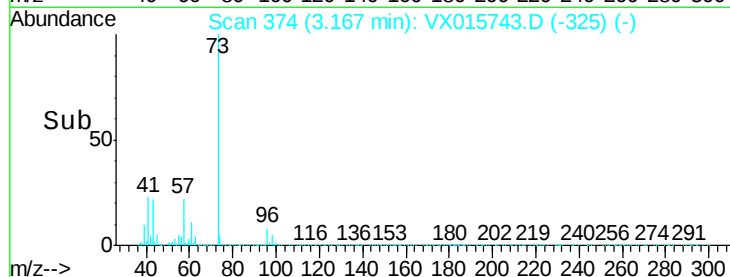
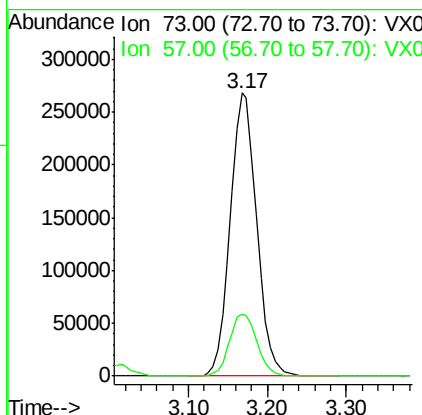
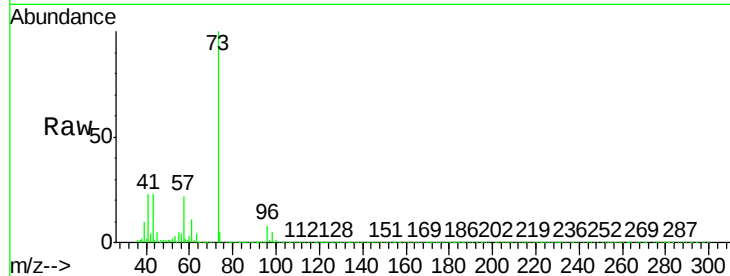


#19
Methvl tert-butvl Ether
Concen: 17.809 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Instrument :
MSVOA_X
ClientSampled :
VX0417WBSD02

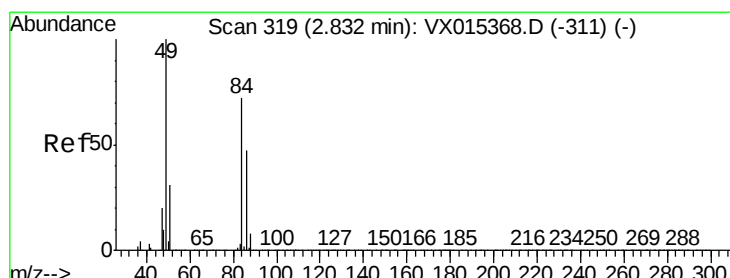
Tot Ion: 73 Resp: 623868
Ion Ratio Lower Upper
73 100
57 21.7 17.9 26.9

Manual Integrations
APPROVED



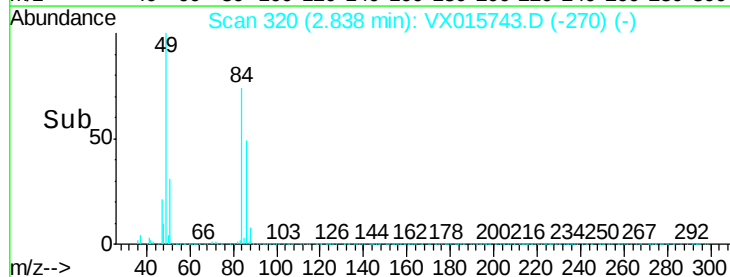
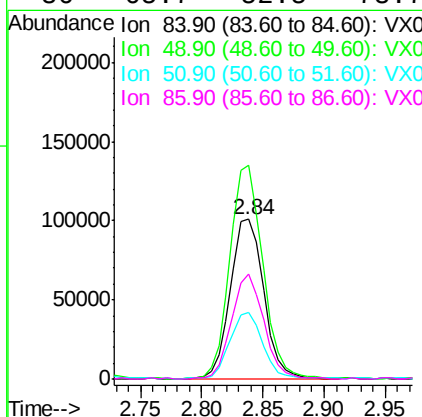
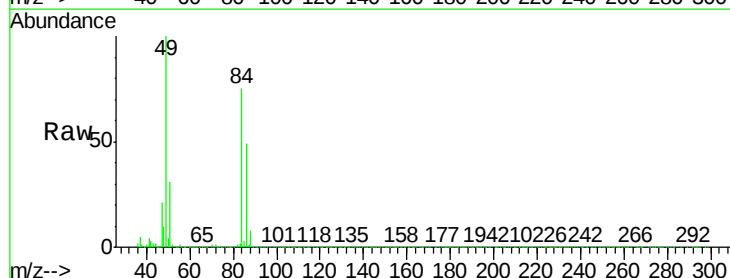
MMDadoda

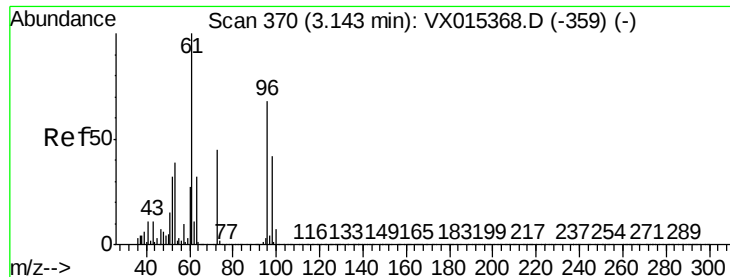
4/20/2020 10:06:47 AM



#20
Methylene Chloride
Concen: 17.542 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Tgt Ion: 84 Resp: 189945
Ion Ratio Lower Upper
84 100
49 133.3 111.3 166.9
51 41.6 34.0 51.0
86 65.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 17.589 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBSD02

Tot Ion: 96 Resp: 176313

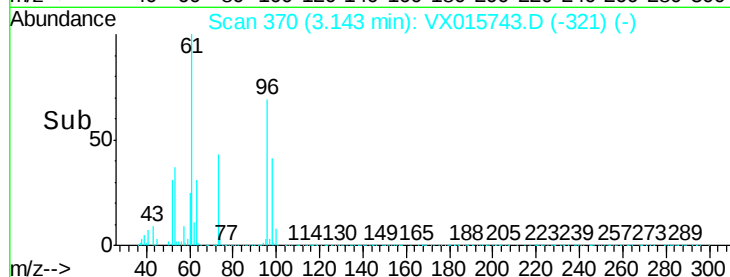
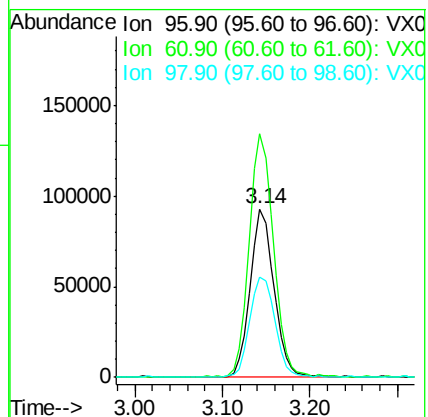
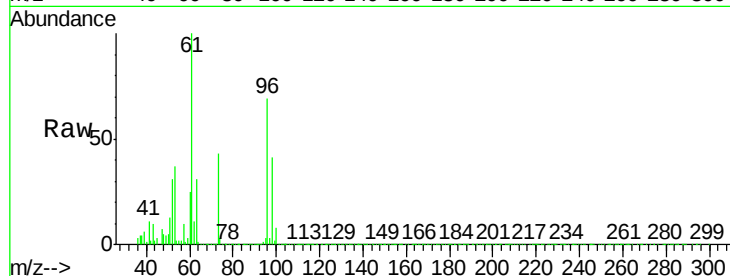
Ion Ratio Lower Upper

96 100

61 144.5 116.9 175.3

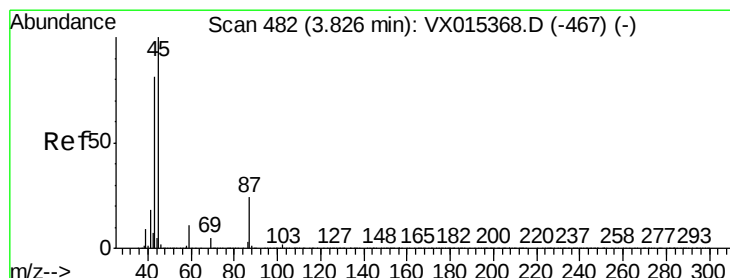
98 59.4 48.6 73.0

Manual Integrations
APPROVED



MM Dadoda

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#22

Diisopropyl ether

Concen: 18.243 ug/l

RT: 3.83 min Scan# 482

Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Tgt Ion: 45 Resp: 682224

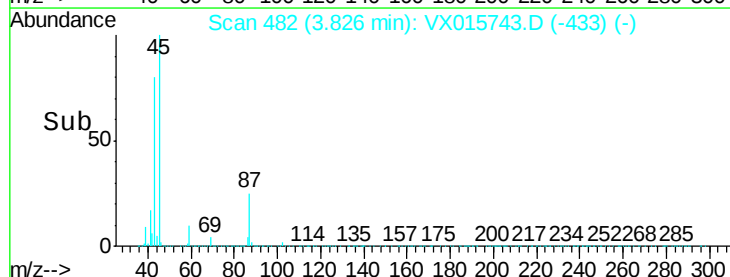
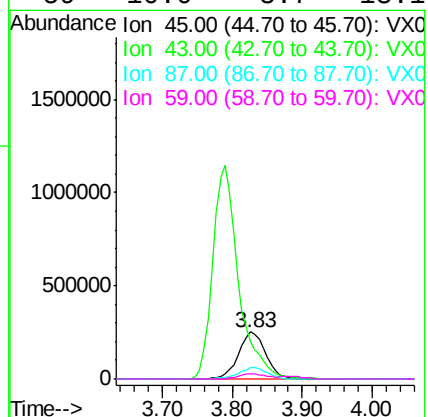
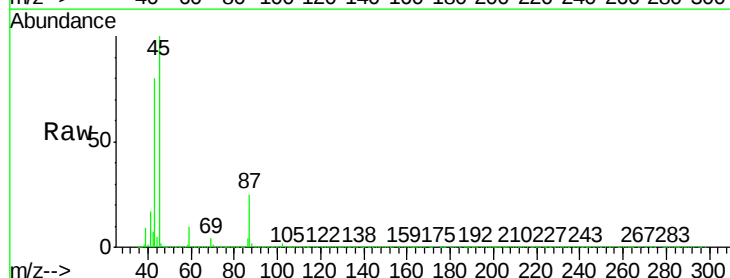
Ion Ratio Lower Upper

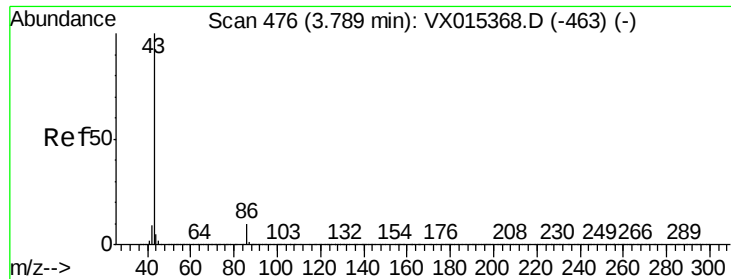
45 100

43 79.7 64.7 97.1

87 25.0 19.4 29.0

59 10.0 8.7 13.1



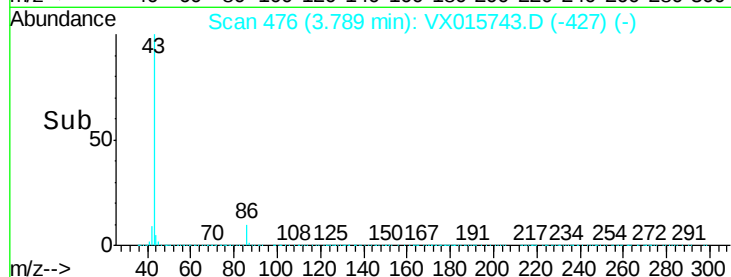
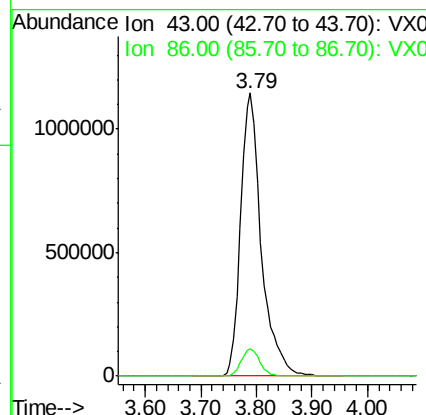
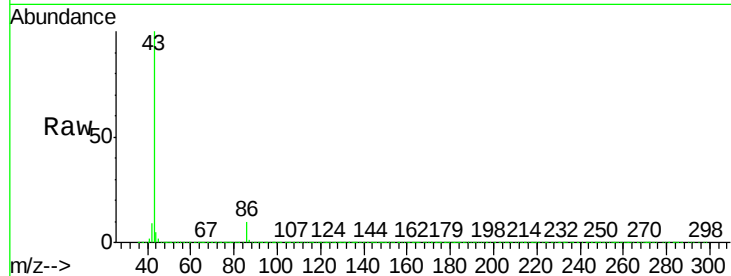


#23
 Vinyl Acetate
 Concen: 86.814 ug/l
 RT: 3.79 min Scan# 476
 Delta R.T. 0.00 min
 Lab File: VX015743.D
 Acq: 17 Apr 2020 17:09

Instrument :
 MSVOA_X
 ClientSampled :
 VX0417WBSD02

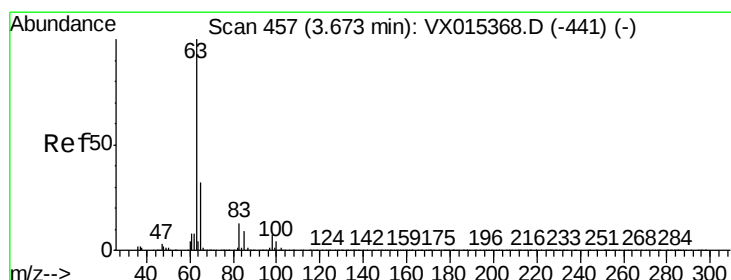
Tot Ion	Ratio	Lower	Upper
43	100		
86	9.8	7.8	11.6

Manual Integrations
 APPROVED



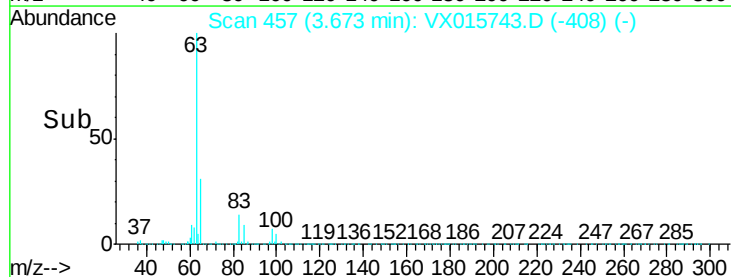
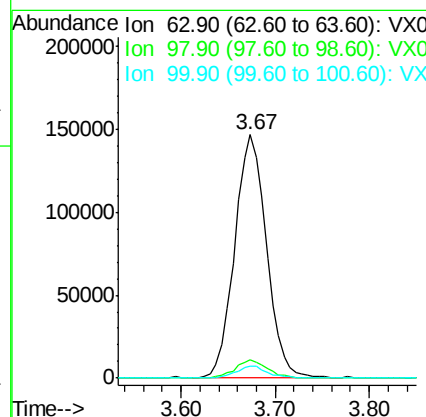
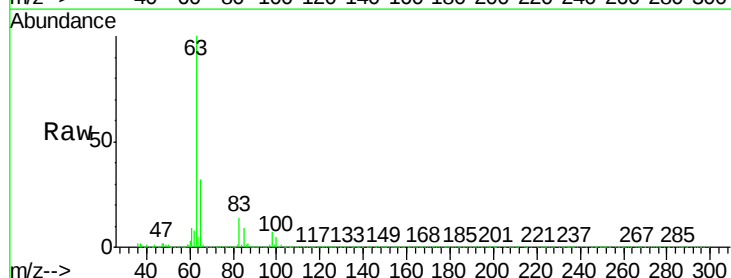
MM Dadoda

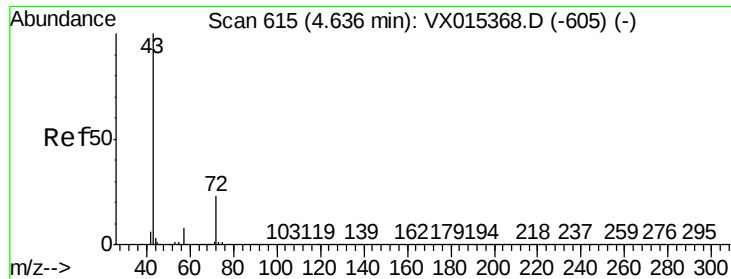
4/20/2020 10:06:47 AM



#24
 1,1-Dichloroethane
 Concen: 17.400 ug/l
 RT: 3.67 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: VX015743.D
 Acq: 17 Apr 2020 17:09

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.3	9.8
100	4.5	2.1	6.5





#25

2-Butanone

Concen: 83.238 ug/l

RT: 4.64 min Scan# 615

Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Tot Ion: 43 Resp: 776000

Ion Ratio Lower Upper

43 100

72 23.8 19.0 28.4

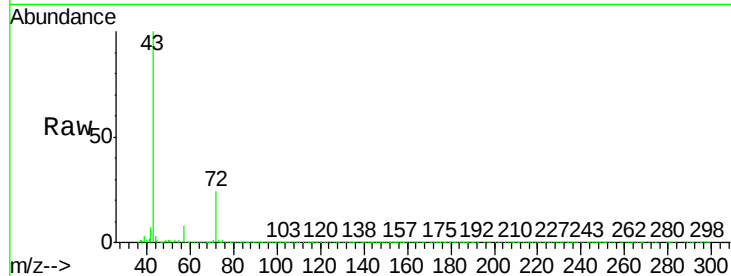
Instrument :

MSVOA_X

ClientSampled :

VX0417WBSD02

Manual Integrations
APPROVED



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

300000

250000

200000

150000

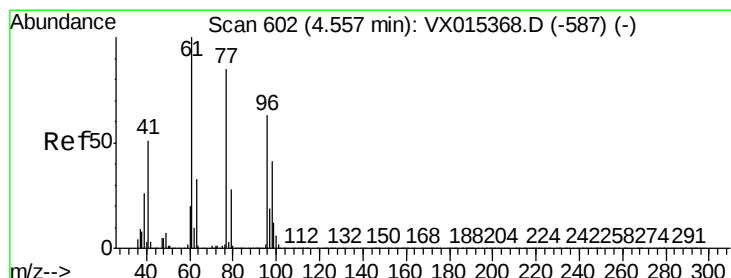
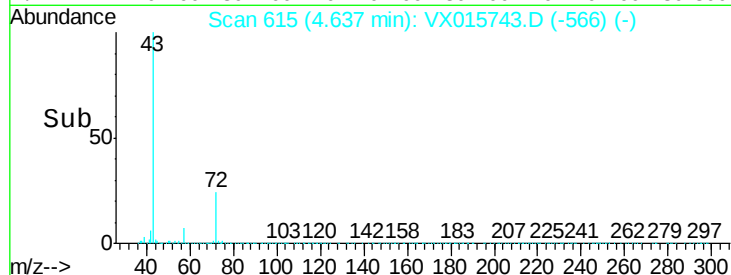
100000

50000

0

4.50 4.60 4.70

Time-->



#26

2,2-Dichloropropane

Concen: 17.617 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015743.D

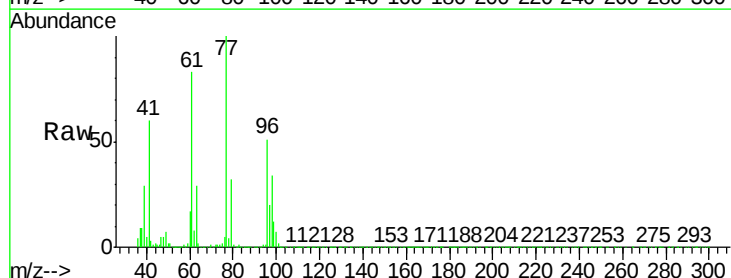
Acq: 17 Apr 2020 17:09

Tgt Ion: 77 Resp: 284719

Ion Ratio Lower Upper

77 100

97 22.8 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

100000

80000

60000

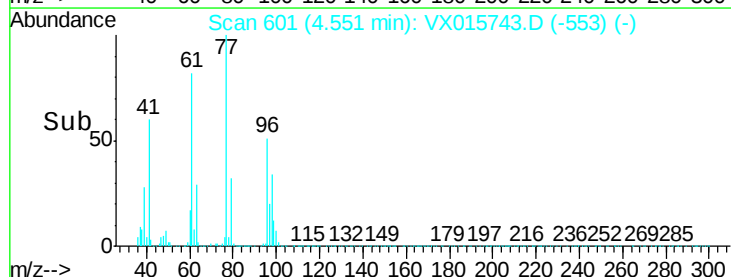
40000

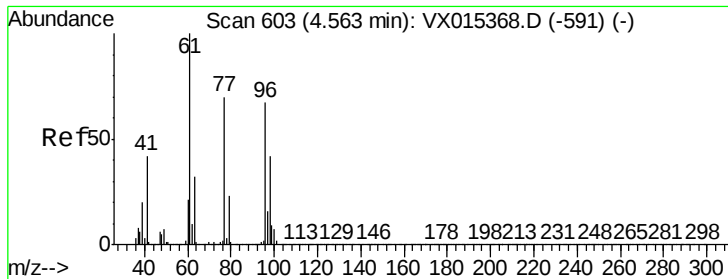
20000

0

4.40 4.50 4.60 4.70

Time-->





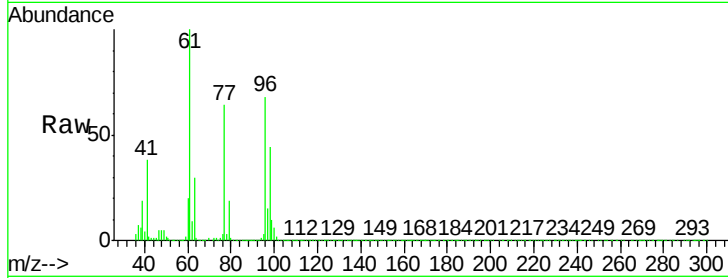
#27

cis-1,2-Dichloroethene
Concen: 18.223 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	211339		
61	149.5	0.0	308.4	
98	63.7	0.0	129.2	

Manual Integrations
APPROVED



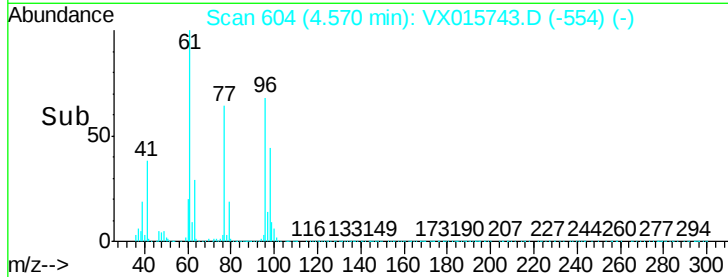
Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

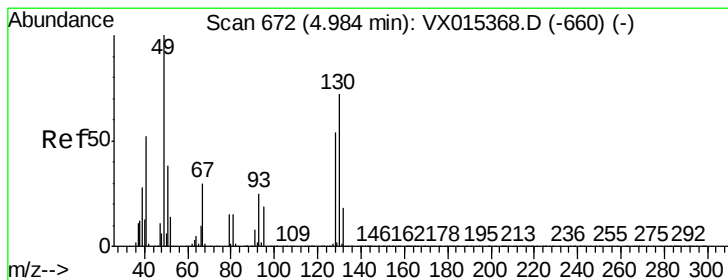
Time-->



Time-->

MMDadoda

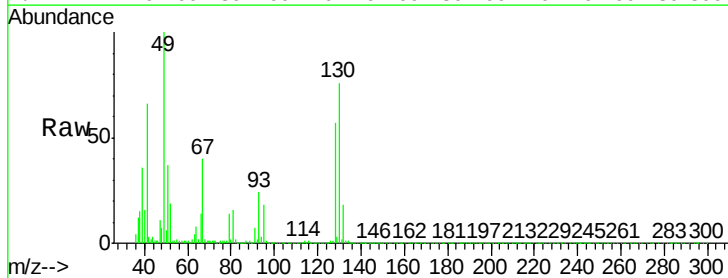
4/20/2020 10:06:47 AM



#28

Bromochloromethane
Concen: 18.313 ug/l
RT: 4.99 min Scan# 673
Delta R.T. 0.01 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	172157		
129	2.3	0.0	4.4	
130	77.4	57.7	86.5	



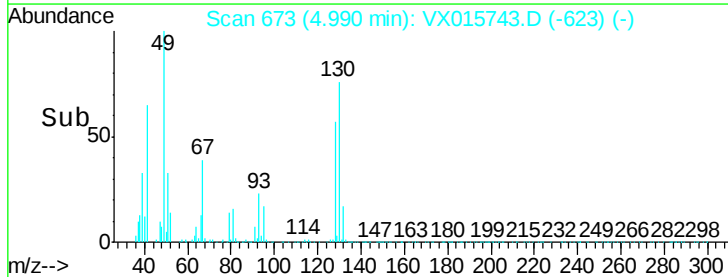
Abundance

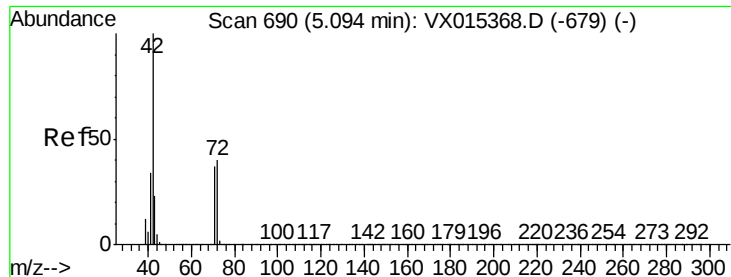
Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

Time-->





#29

Tetrahydrofuran

Concen: 84.395 ug/l

RT: 5.09 min Scan# 690

Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Tot Ion:	42	Resp:	505803
Ion Ratio		Lower	Upper
42	100		
72	40.5	31.7	47.5
71	37.9	29.6	44.4

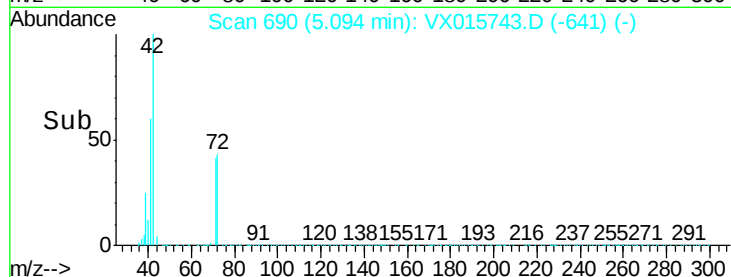
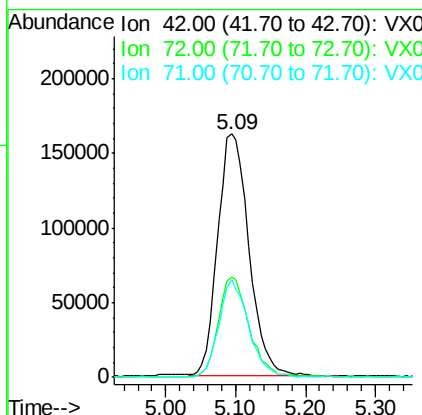
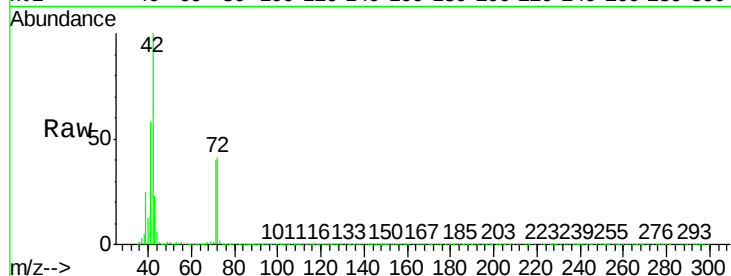
Instrument :

MSVOA_X

ClientSampled :

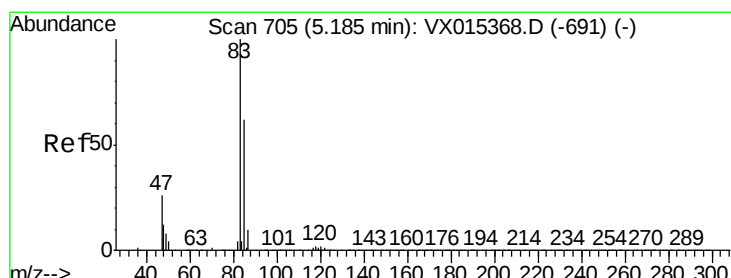
VX0417WBSD02

Manual Integrations
APPROVED



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#30

Chloroform

Concen: 18.130 ug/l

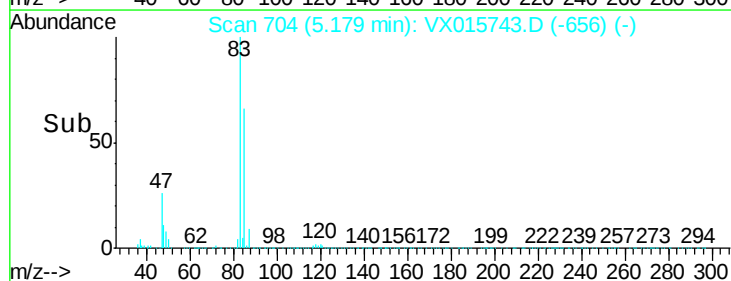
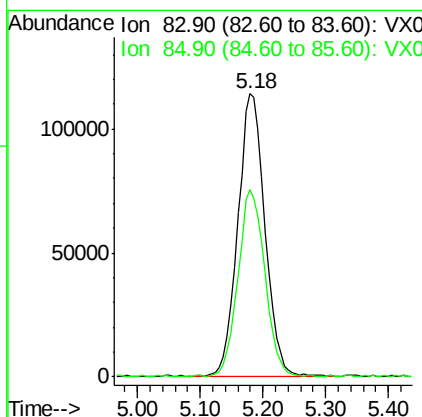
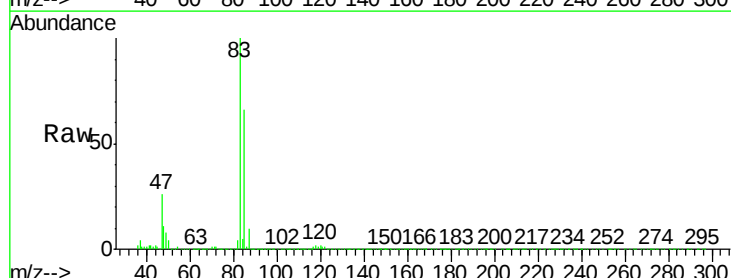
RT: 5.18 min Scan# 704

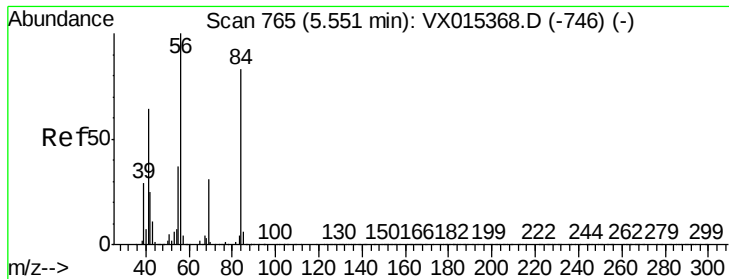
Delta R.T. -0.01 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Tgt Ion:	83	Resp:	343443
Ion Ratio		Lower	Upper
83	100		
85	65.6	49.5	74.3



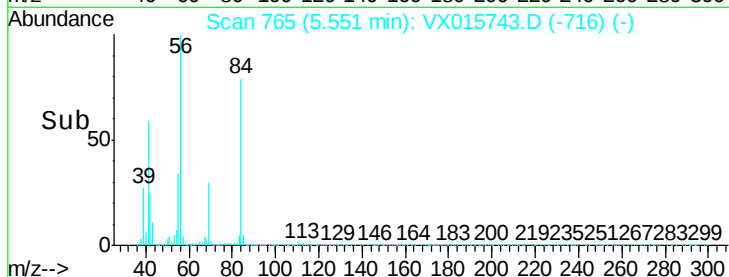
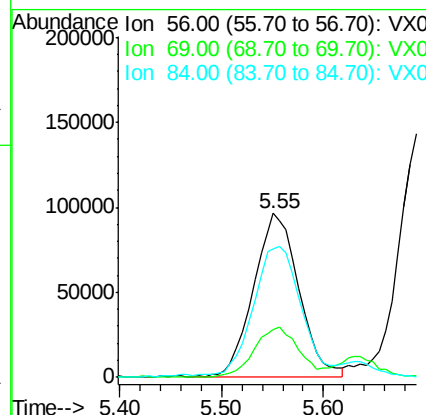
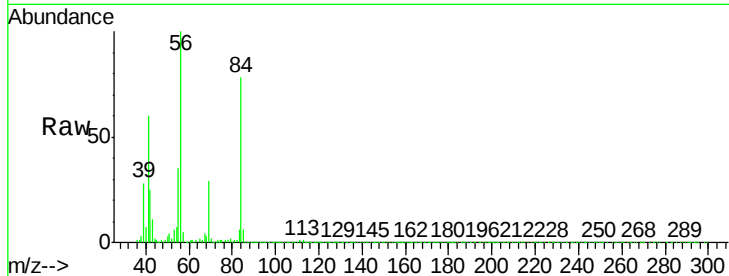


#31
Cyclohexane
Concen: 17.278 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Instrument :
MSVOA_X
ClientSampled :
VX0417WBSD02

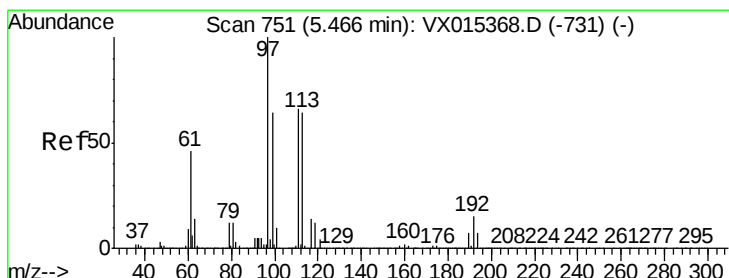
Tot Ion	Ratio	Lower	Upper
56	100		
69	29.1	24.6	36.8
84	77.5	66.1	99.1

Manual Integrations
APPROVED



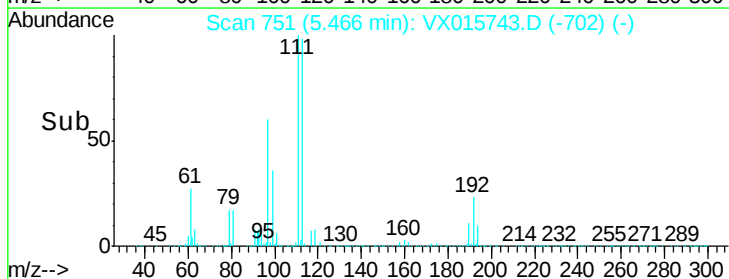
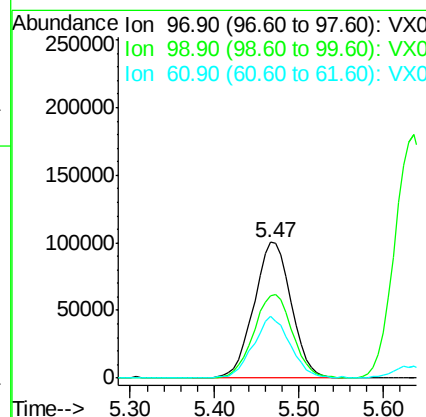
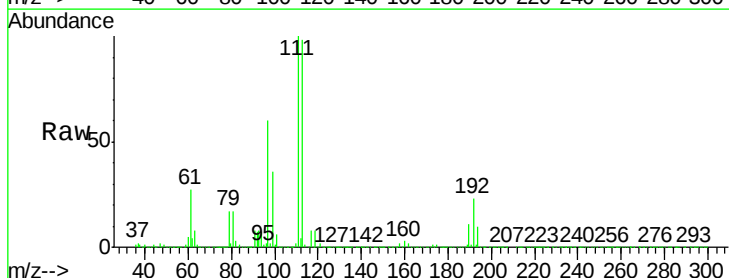
MMDadoda

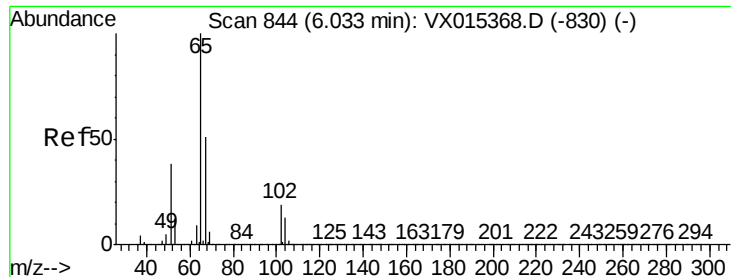
4/20/2020 10:06:47 AM



#32
1,1,1-Trichloroethane
Concen: 17.785 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.0	76.4
61	43.8	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 46.409 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Instrument :

MSVOA_X

ClientSampled :

VX0417WBSD02

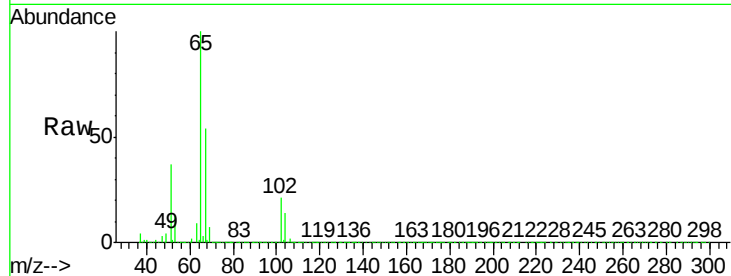
Tot Ion: 65 Resp: 626203

Ion Ratio Lower Upper

65 100

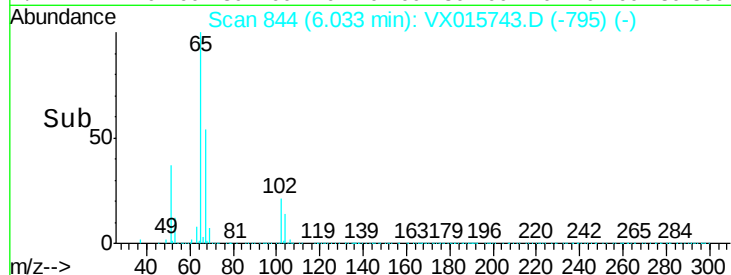
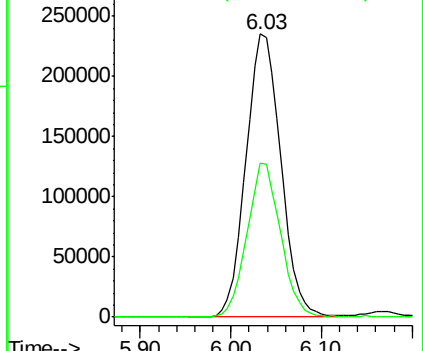
67 52.0 0.0 102.6

Manual Integrations
APPROVED



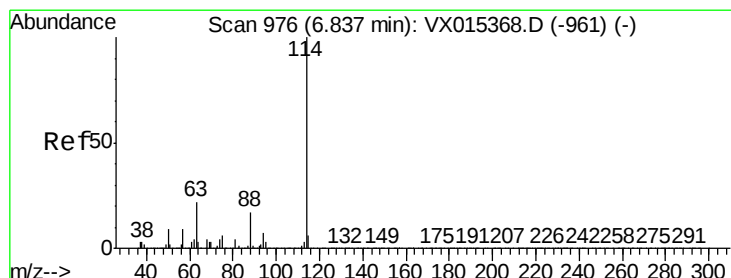
Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



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4/20/2020 10:06:47 AM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

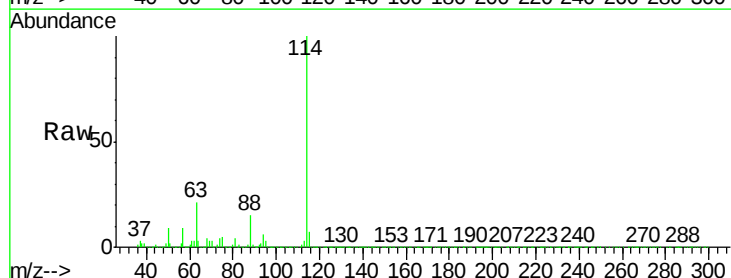
Tgt Ion: 114 Resp: 1456638

Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.2

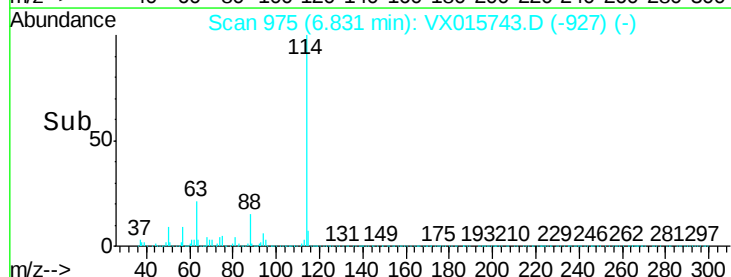
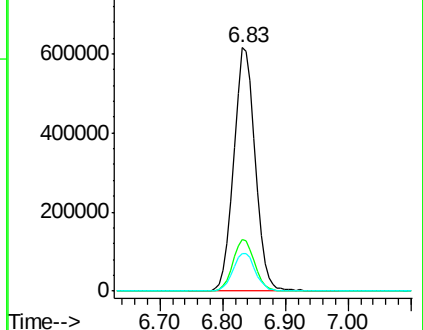
88 15.2 0.0 33.8

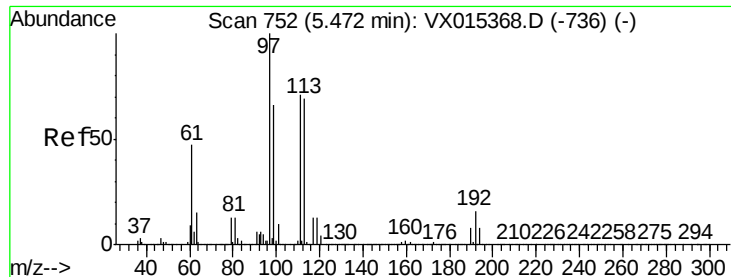


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



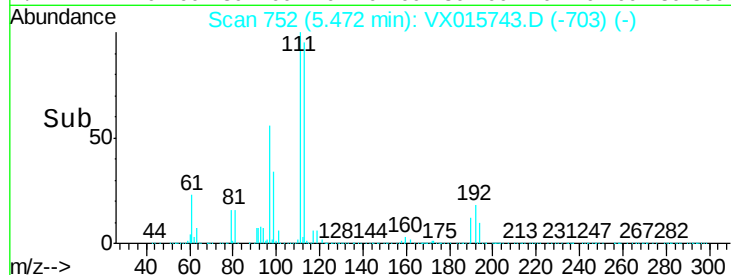
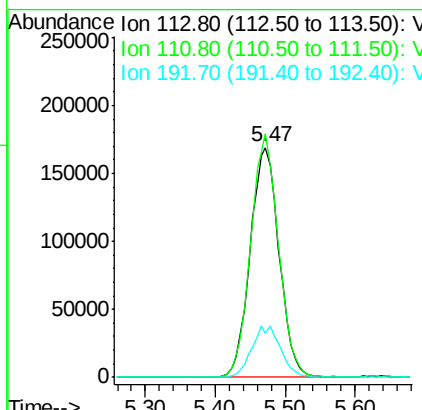
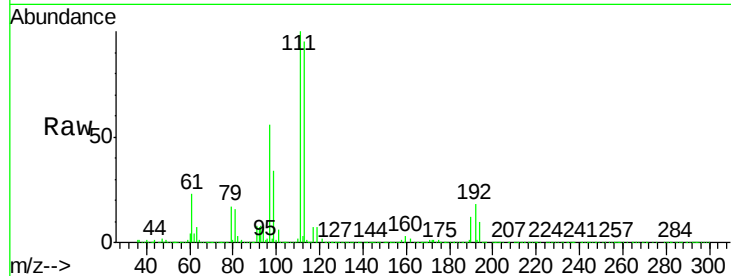


#35
 Dibromofluoromethane
 Concen: 52.028 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015743.D
 Acq: 17 Apr 2020 17:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBSD02

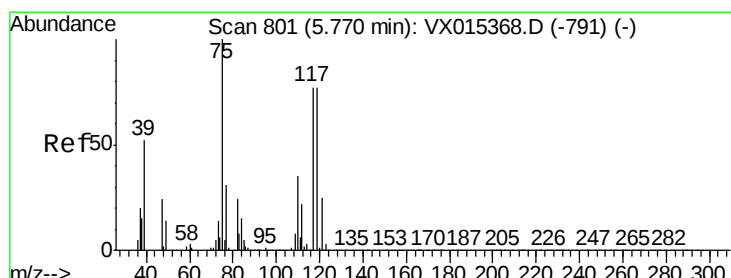
Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.1	81.5	122.3	
192	22.2	17.8	26.6	

Manual Integrations
 APPROVED



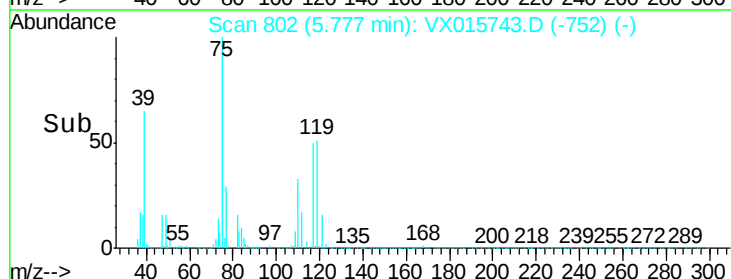
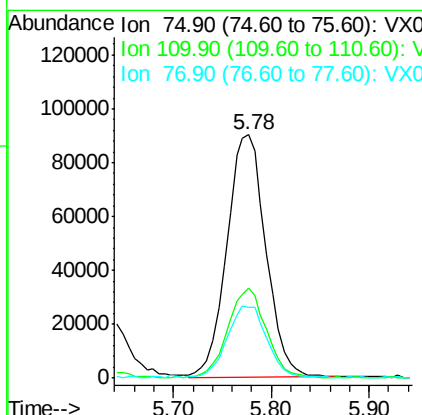
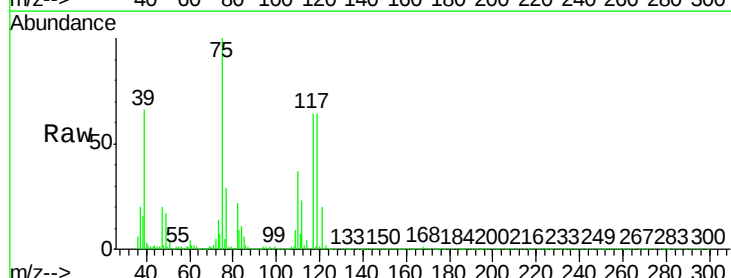
MMDadoda

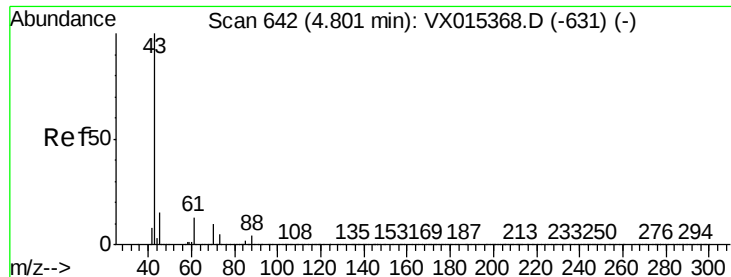
4/20/2020 10:06:47 AM



#36
 1,1-Dichloropropene
 Concen: 18.474 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: VX015743.D
 Acq: 17 Apr 2020 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	36.5	17.1	51.3	
77	30.4	24.6	36.8	



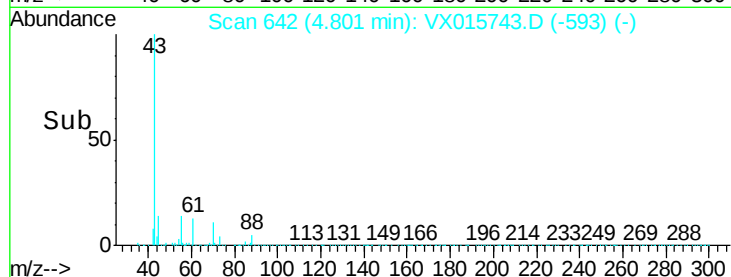
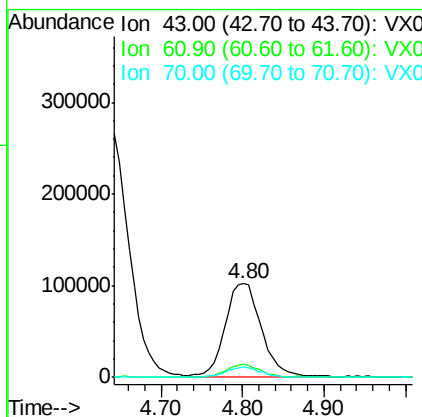
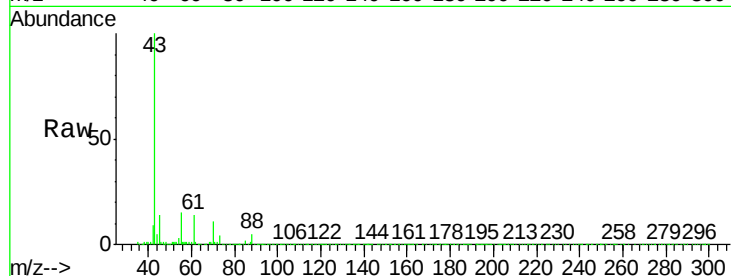


#37
Ethyl Acetate
Concen: 17.655 ug/l
RT: 4.80 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Instrument :
MSVOA_X
ClientSampled :
VX0417WBSD02

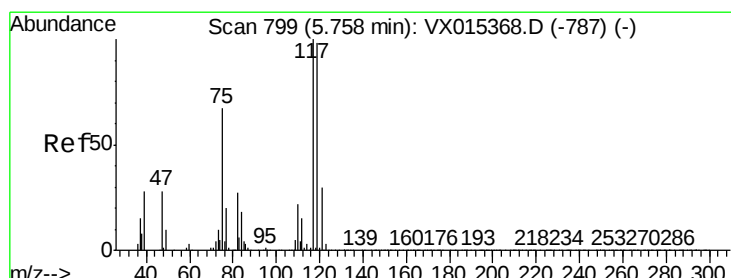
Tot Ion	Ratio	Lower	Upper
43	100		
61	12.2	9.9	14.9
70	10.4	8.1	12.1

Manual Integrations
APPROVED



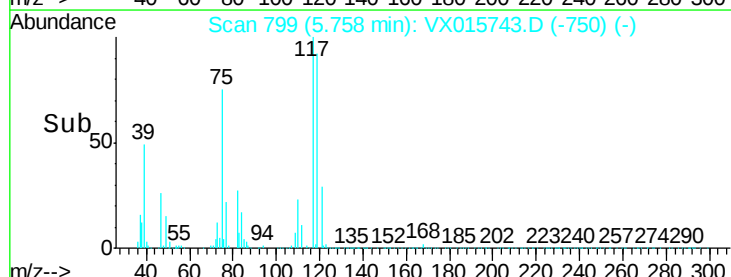
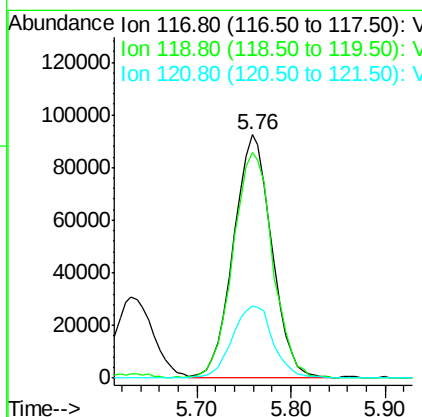
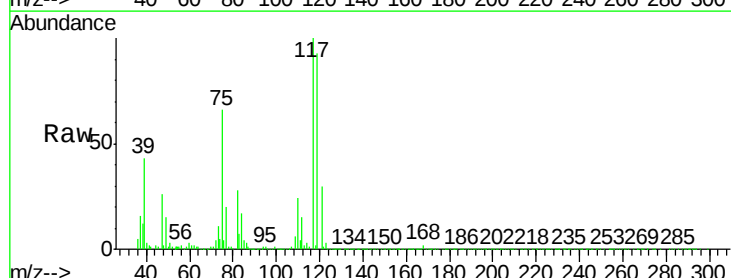
MMDadoda

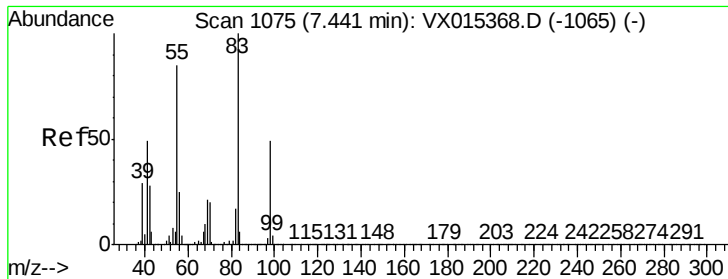
4/20/2020 10:06:47 AM



#38
Carbon Tetrachloride
Concen: 17.944 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	78.0	117.0
121	29.3	23.8	35.8



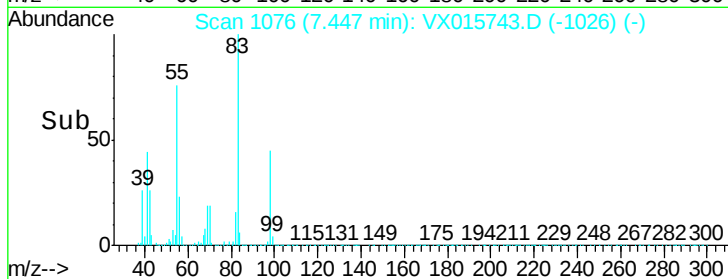
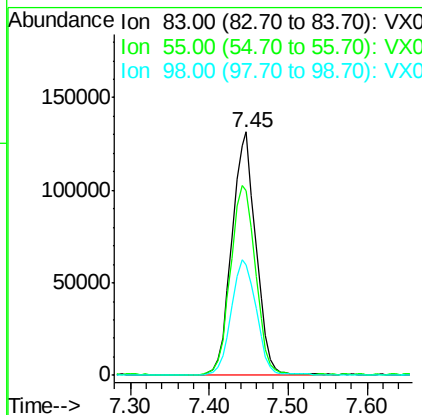
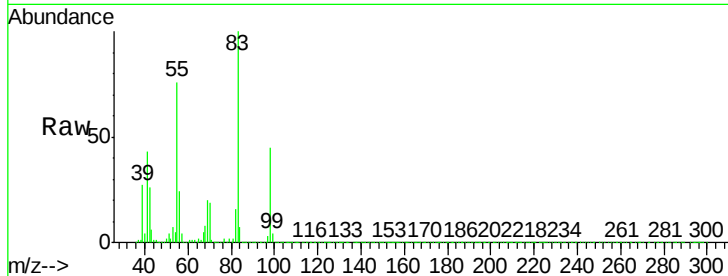


#39
Methvlcvclohexane
Concen: 18.024 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Instrument :
MSVOA_X
ClientSampled :
VX0417WBSD02

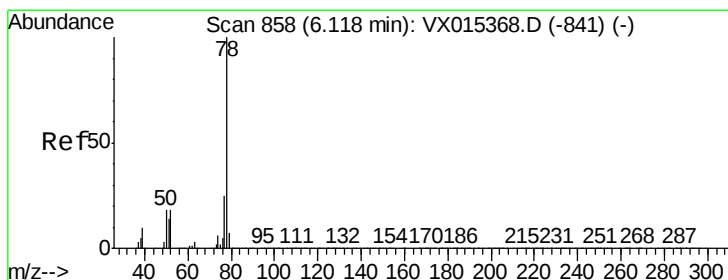
Tot Ion	Ratio	Lower	Upper
83	100		
55	76.0	67.8	101.6
98	45.4	39.3	58.9

Manual Integrations
APPROVED



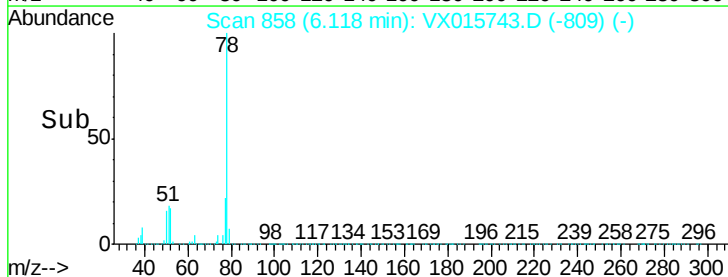
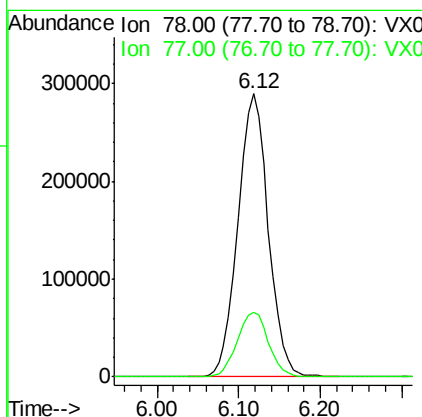
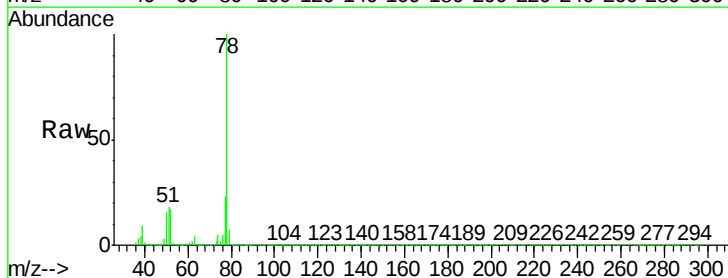
MMDadoda

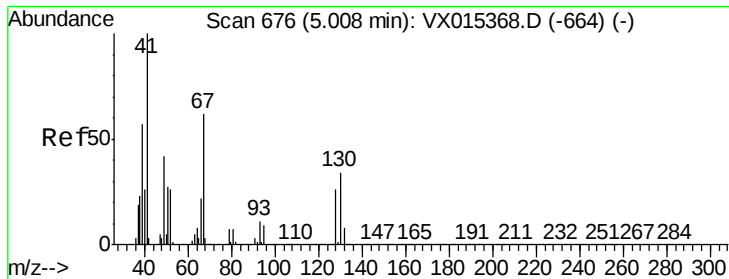
4/20/2020 10:06:47 AM



#40
Benzene
Concen: 18.958 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.5	19.8	29.8



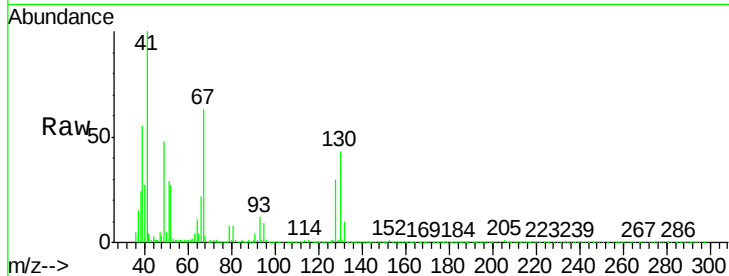


#41
Methacrylonitrile
Concen: 18.302 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

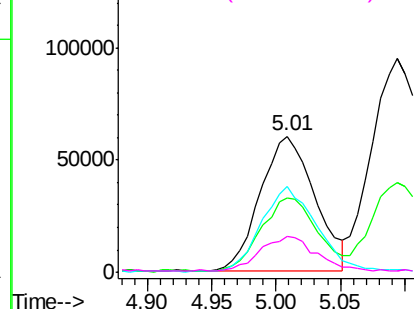
Instrument :
MSVOA_X
ClientSampled :
VX0417WBSD02

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.7	44.5	66.7
67	63.4	48.9	73.3
52	26.7	21.8	32.6

Manual Integrations
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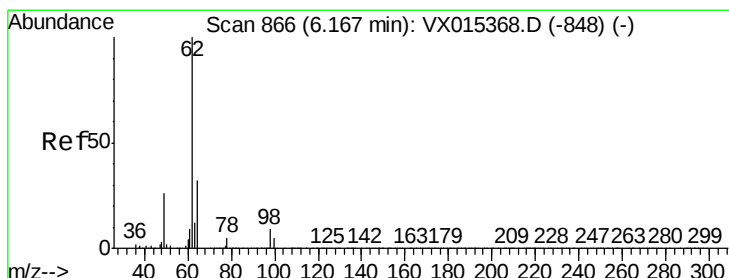
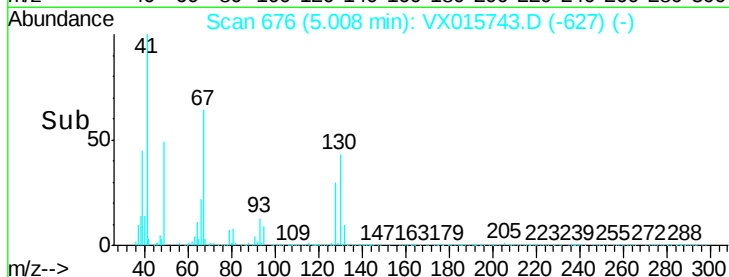


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



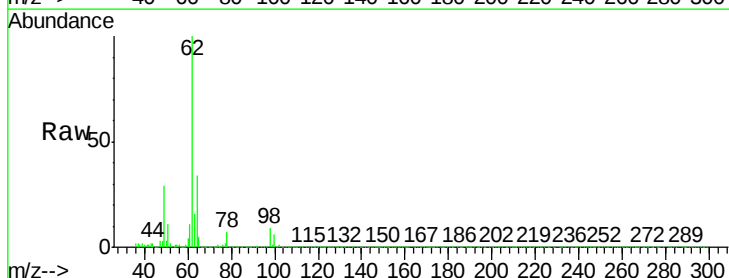
MMDadoda

4/20/2020 10:06:47 AM

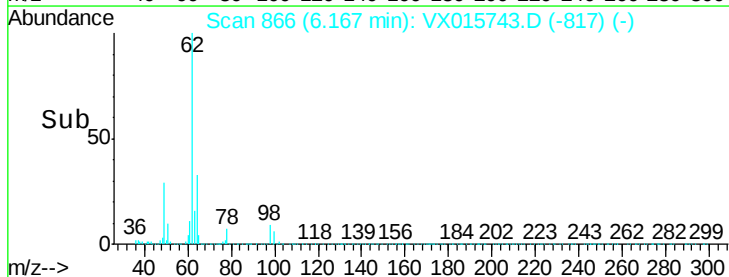
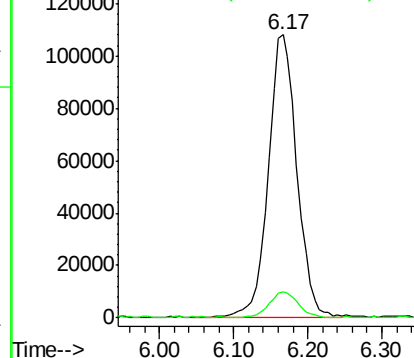


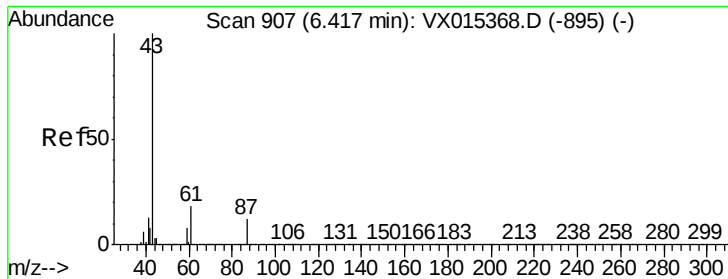
#42
1,2-Dichloroethane
Concen: 18.361 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





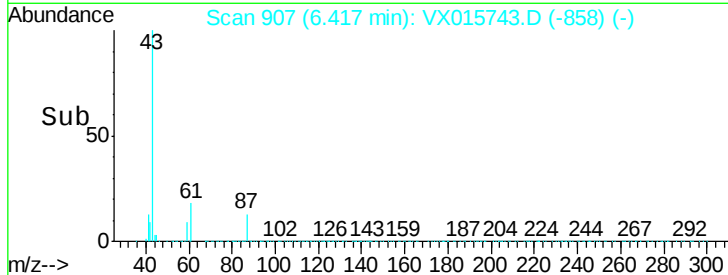
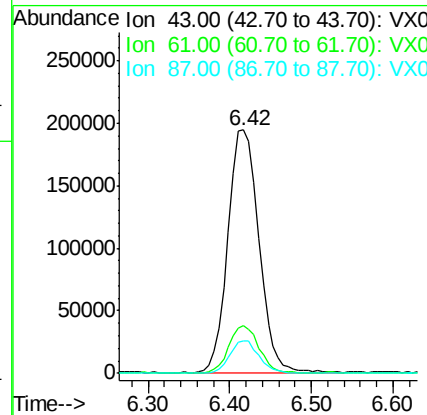
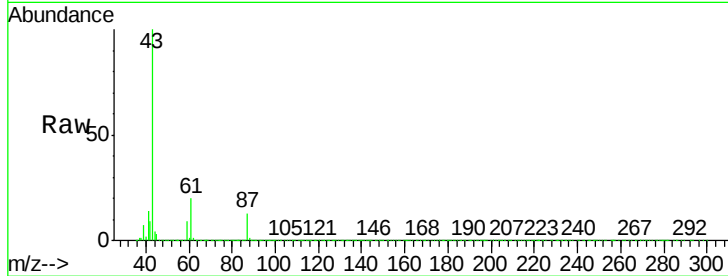
#43

Isopropyl Acetate
 Concen: 17.303 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: VX015743.D
 Acq: 17 Apr 2020 17:09

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0417WBSD02

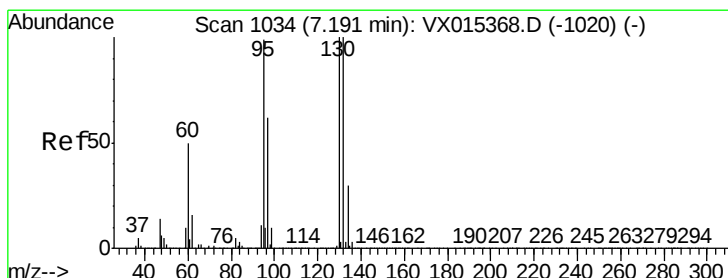
Tot Ion:	43	Resp:	510445
Ion	Ratio	Lower	Upper
43	100		
61	19.0	14.8	22.2
87	12.7	9.4	14.0

Manual Integrations
 APPROVED



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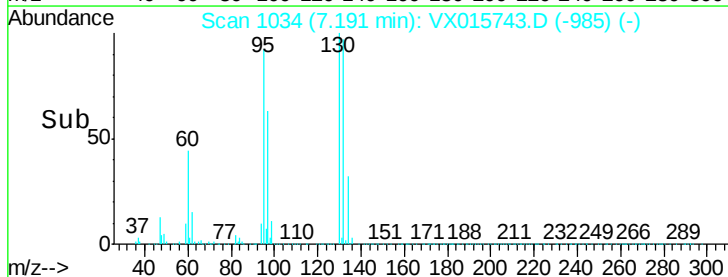
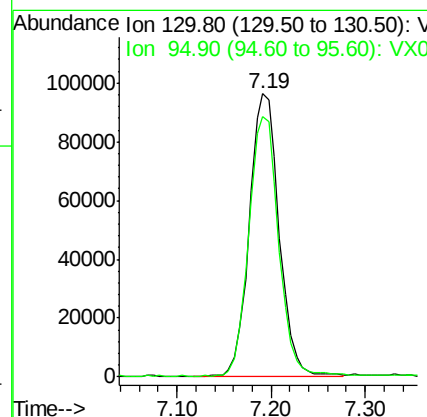
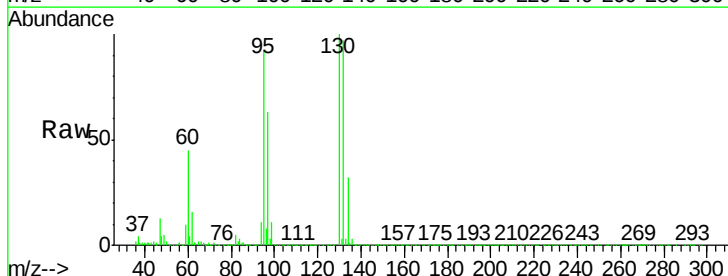
4/20/2020 10:06:47 AM

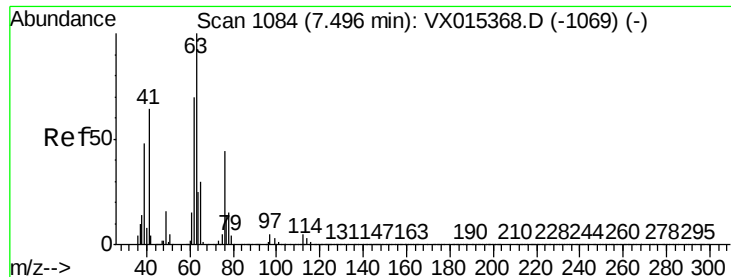


#44

Trichloroethene
 Concen: 19.752 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015743.D
 Acq: 17 Apr 2020 17:09

Tgt Ion:	130	Resp:	211779
Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	199.0



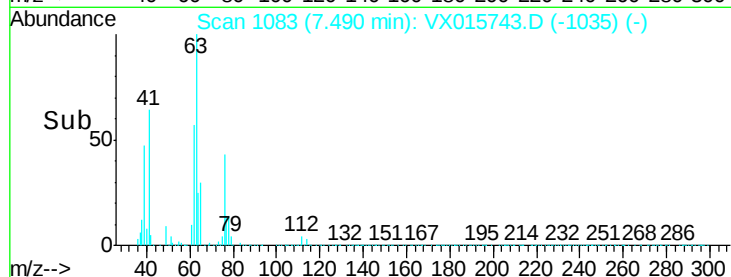
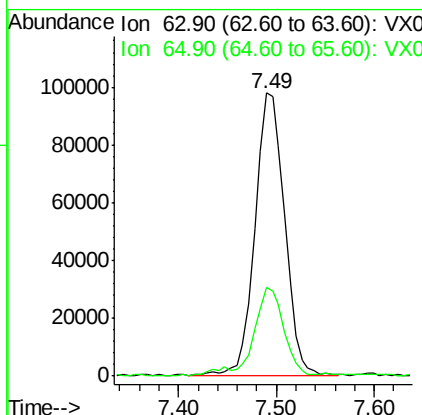
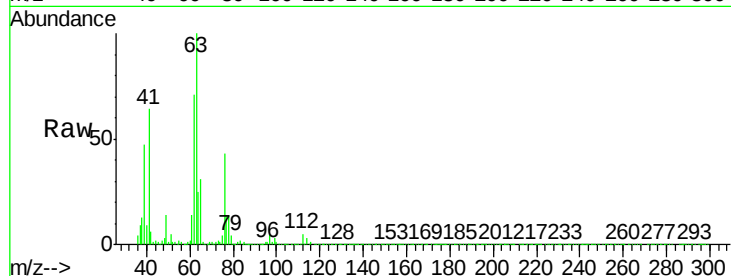


#45
 1,2-Dichloropropane
 Concen: 18.995 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015743.D
 Acq: 17 Apr 2020 17:09

Instrument :
 MSVOA_X
 ClientSampled :
 VX0417WBSD02

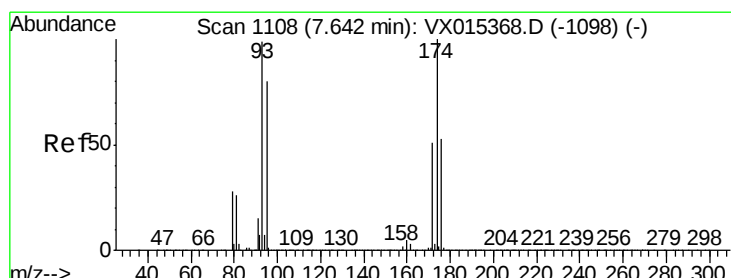
Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	23.9	35.9

Manual Integrations
 APPROVED



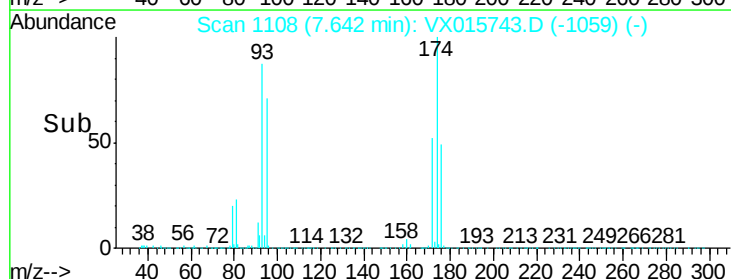
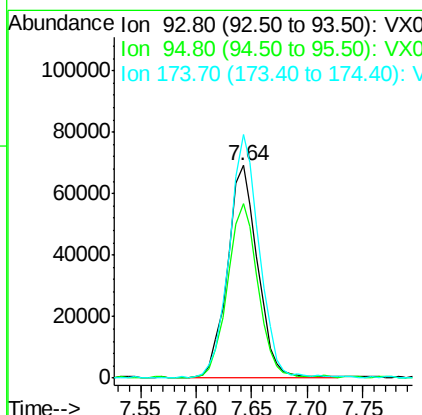
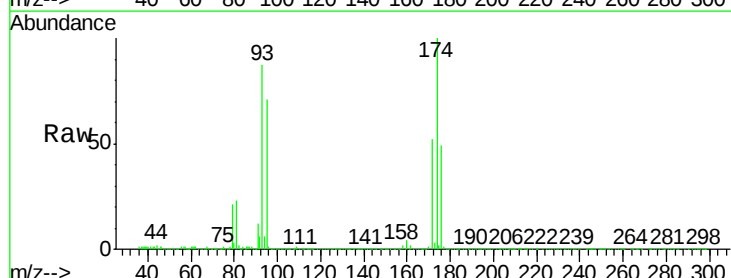
MMDadoda

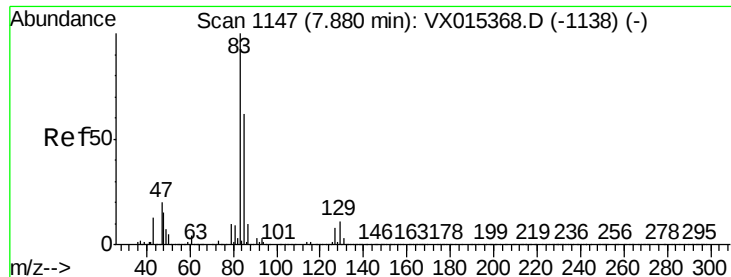
4/20/2020 10:06:47 AM



#46
 Dibromomethane
 Concen: 18.217 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015743.D
 Acq: 17 Apr 2020 17:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.7	65.8	98.8
174	115.0	86.2	129.2





#47

Bromodichloromethane

Concen: 18.045 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Instrument :

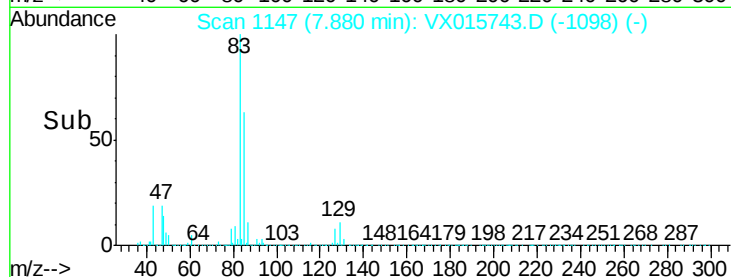
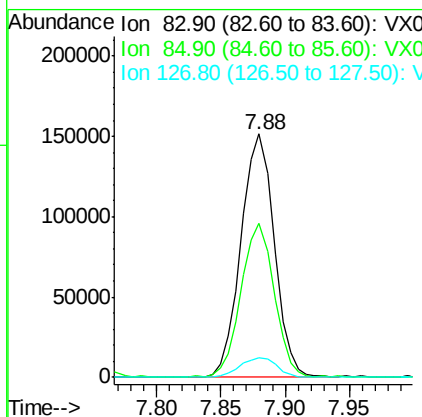
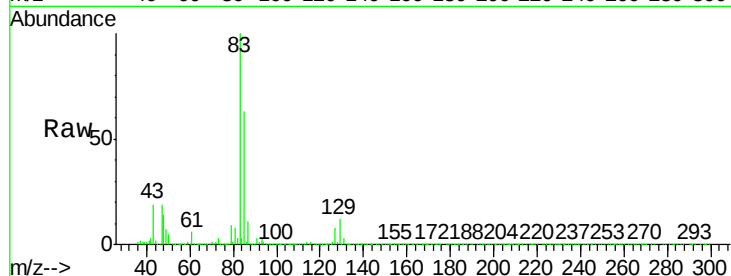
MSVOA_X

ClientSampled :

VX0417WBSD02

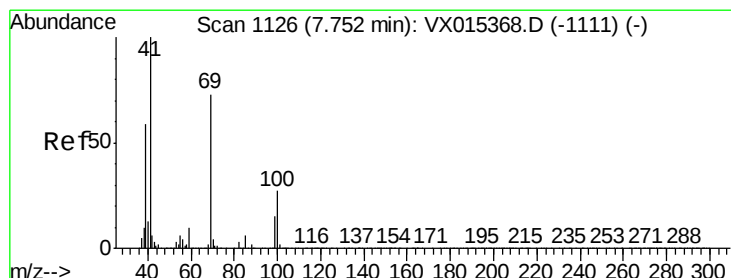
Tot Ion:	83	Resp:	271265
Ion Ratio	Lower	Upper	
83	100		
85	63.5	49.7	74.5
127	8.1	6.7	10.1

Manual Integrations
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4/20/2020 10:06:47 AM



#48

Methyl methacrylate

Concen: 17.516 ug/l

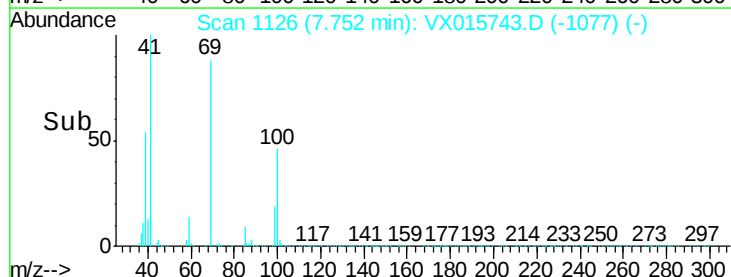
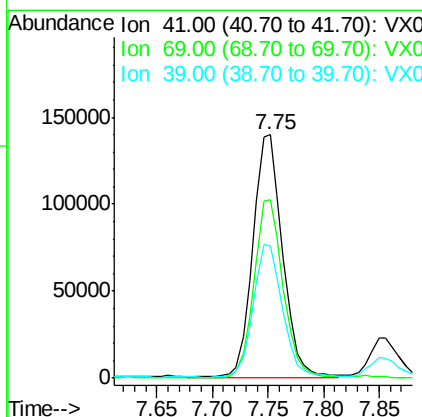
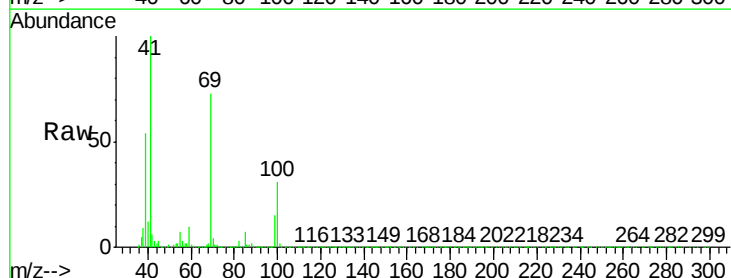
RT: 7.75 min Scan# 1126

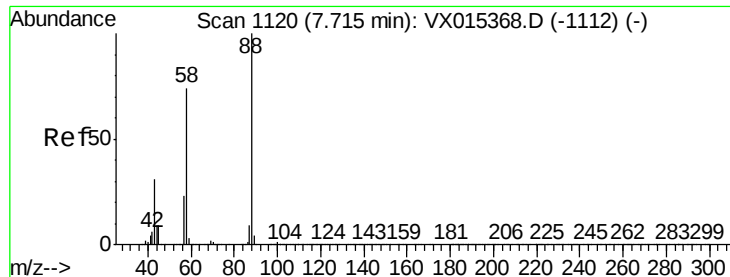
Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Tgt Ion:	41	Resp:	258108
Ion Ratio	Lower	Upper	
41	100		
69	72.4	56.7	85.1
39	54.4	46.5	69.7





#49

1,4-Dioxane

Concen: 305.744 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Instrument :

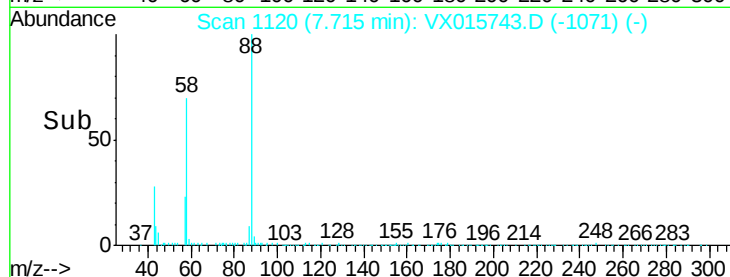
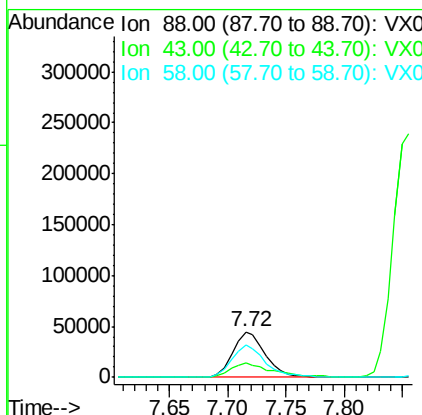
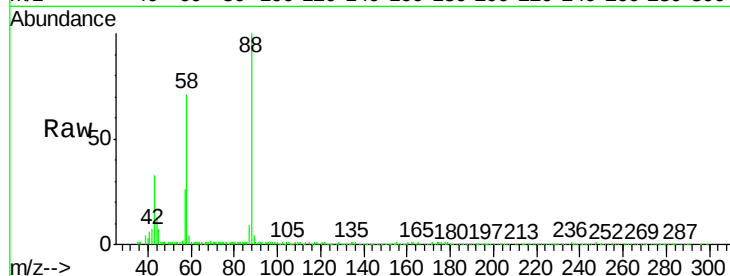
MSVOA_X

ClientSampled :

VX0417WBSD02

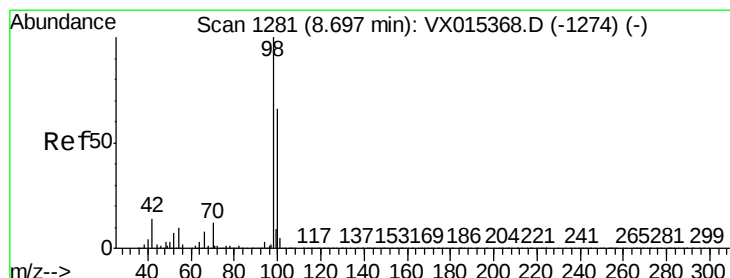
Tot Ion:	88	Resp:	84044
Ion	Ratio	Lower	Upper
88	100		
43	38.9	30.1	45.1
58	74.1	60.6	90.8

Manual Integrations
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#50

Toluene-d8

Concen: 52.530 ug/l

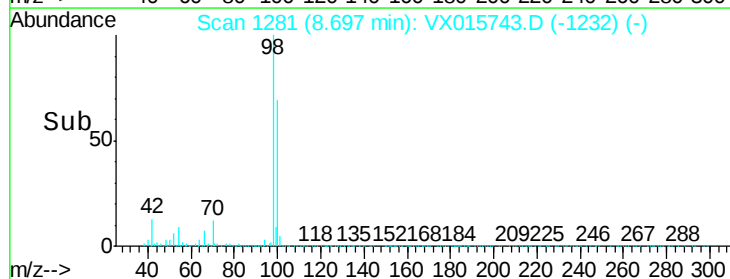
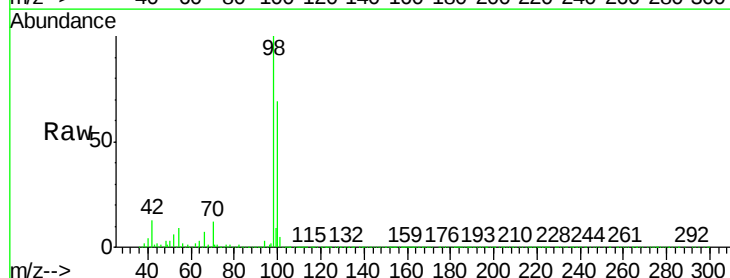
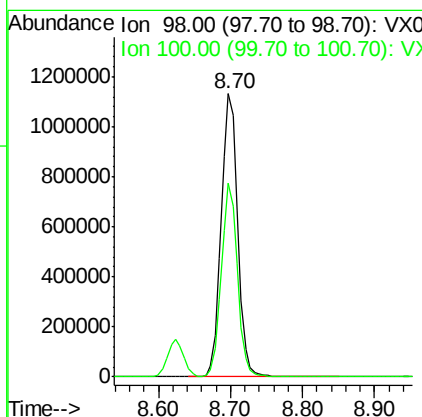
RT: 8.70 min Scan# 1281

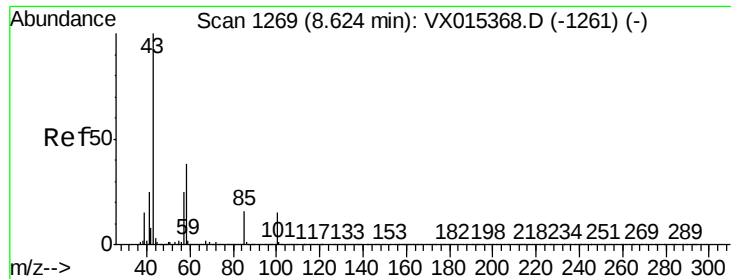
Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Tgt Ion:	98	Resp:	1800820
Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.5	80.3



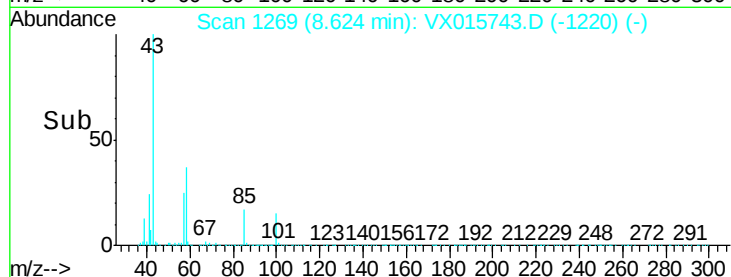
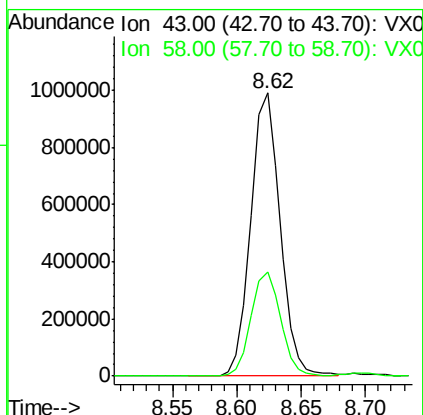
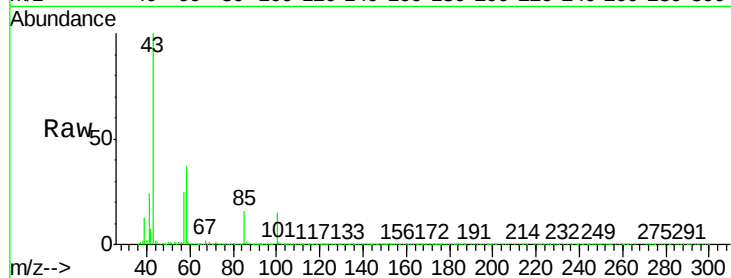


#51
4-Methyl-2-Pentanone
Concen: 92.779 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Instrument :
MSVOA_X
ClientSampled :
VX0417WBSD02

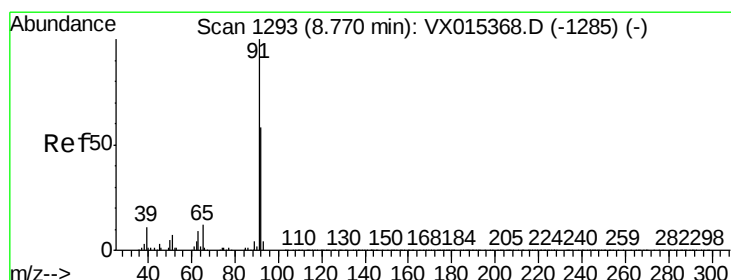
Tot Ion: 43 Resp: 1551129
Ion Ratio Lower Upper
43 100
58 37.3 29.7 44.5

Manual Integrations
APPROVED



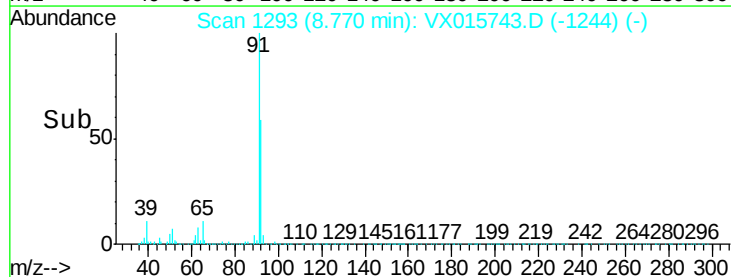
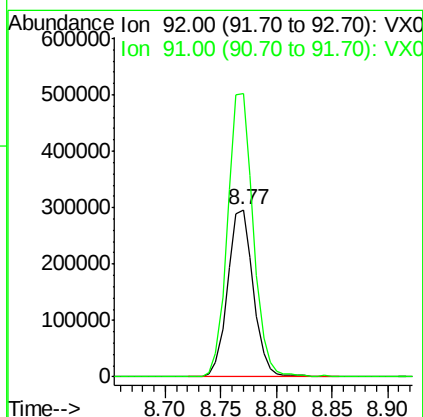
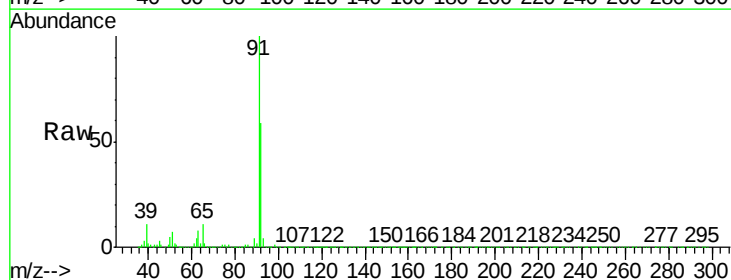
MMDadoda

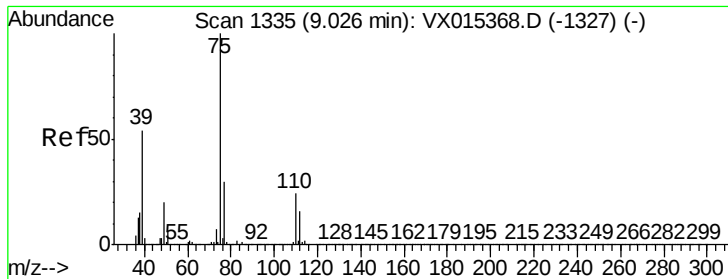
4/20/2020 10:06:47 AM



#52
Toluene
Concen: 19.422 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Tgt Ion: 92 Resp: 470751
Ion Ratio Lower Upper
92 100
91 170.0 136.6 205.0



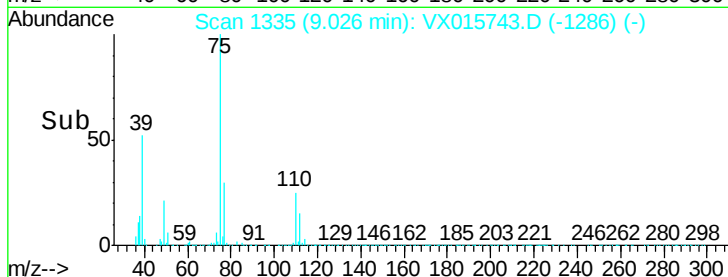
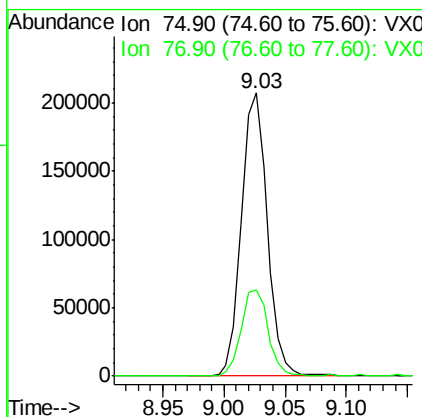
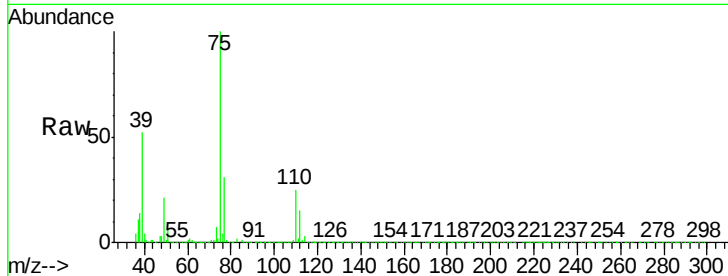


#53
t-1,3-Dichloropropene
Concen: 17.269 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Instrument :
MSVOA_X
ClientSampled :
VX0417WBSD02

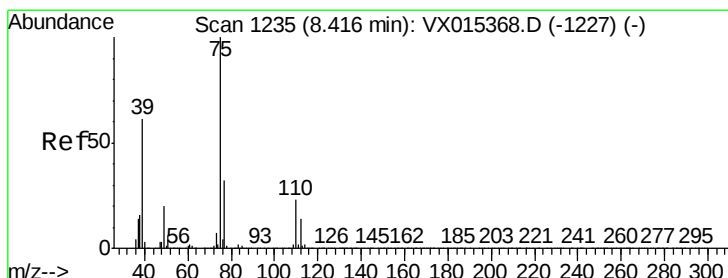
Tot Ion	Ratio	Lower	Upper
75	100		
77	30.4	24.1	36.1

Manual Integrations
APPROVED



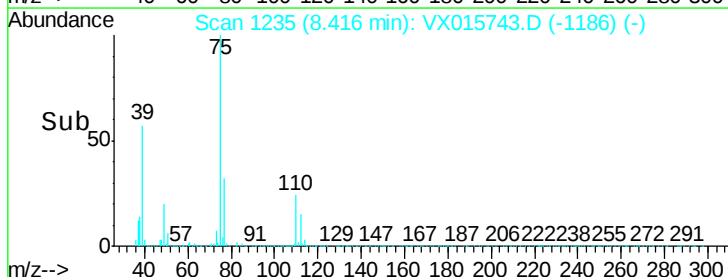
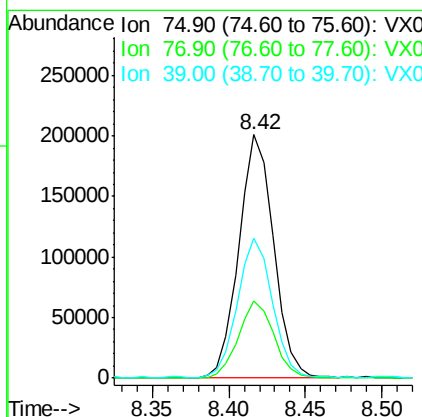
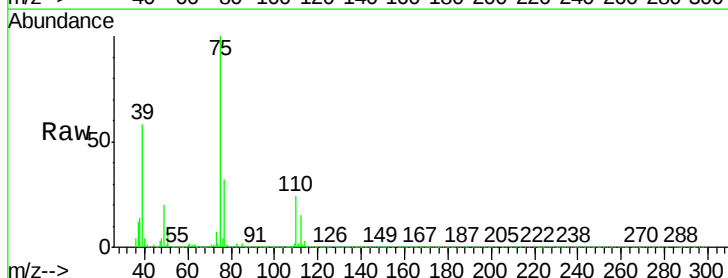
MMDadoda

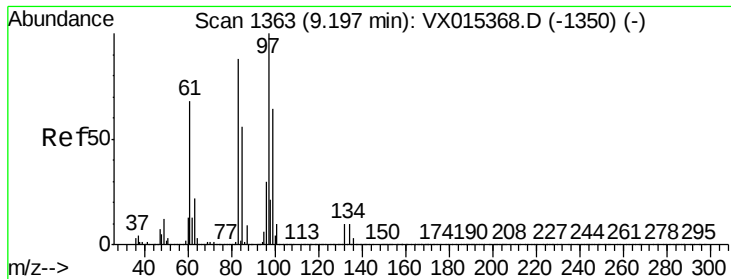
4/20/2020 10:06:47 AM



#54
cis-1,3-Dichloropropene
Concen: 17.630 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.8	38.6
39	57.5	49.0	73.4



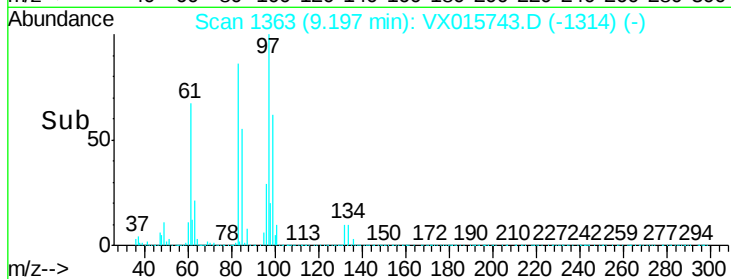
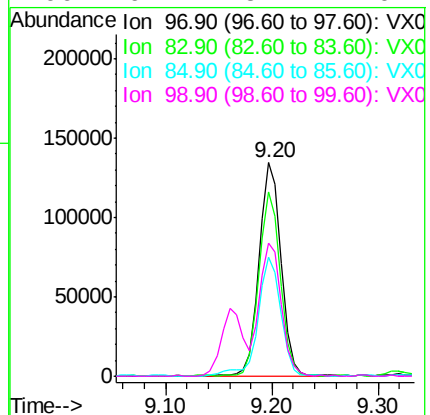
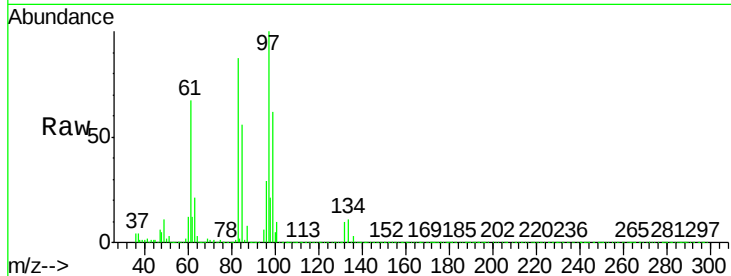


#55
 1,1,2-Trichloroethane
 Concen: 19.686 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015743.D
 Acq: 17 Apr 2020 17:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBSD02

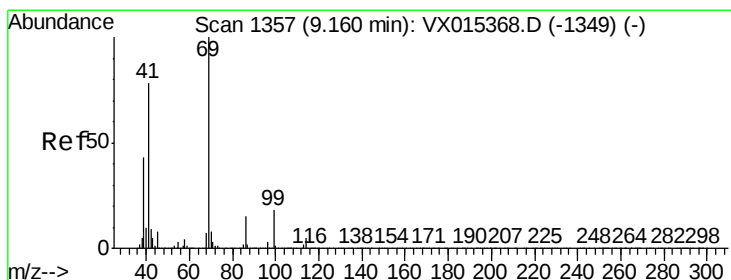
Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		195492		
83	86.3	70.2	105.4		
85	55.7	44.7	67.1		
99	62.2	51.1	76.7		

Manual Integrations
 APPROVED



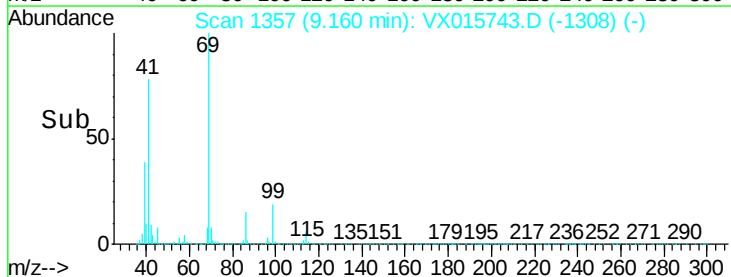
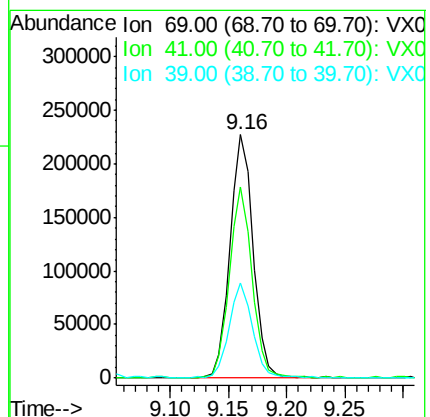
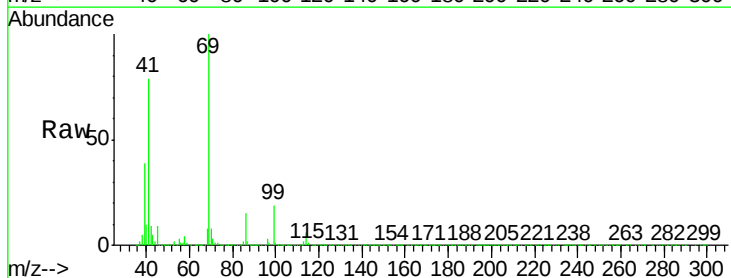
MMDadoda

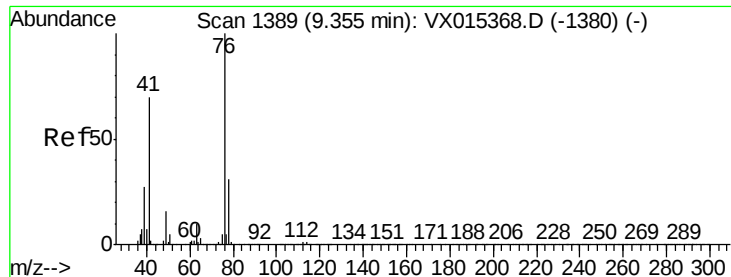
4/20/2020 10:06:47 AM



#56
 Ethyl methacrylate
 Concen: 17.921 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015743.D
 Acq: 17 Apr 2020 17:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		313648		
41	76.5	61.6	92.4		
39	38.9	34.0	51.0		





#57

1,3-Dichloropropane

Concen: 18.990 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBSD02

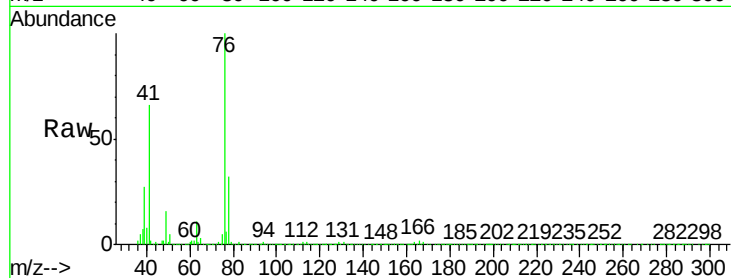
Tot Ion: 76 Resp: 339764

Ion Ratio Lower Upper

76 100

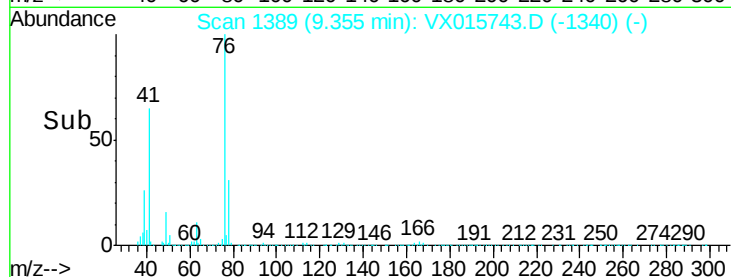
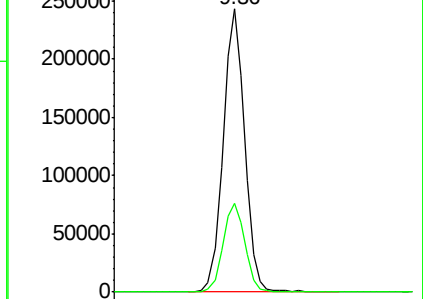
78 32.6 25.8 38.8

Manual Integrations
APPROVED



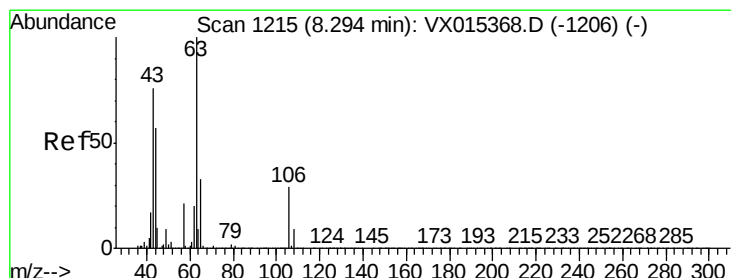
Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



MMDadoda

4/20/2020 10:06:47 AM



#58

2-Chloroethyl Vinyl ether

Concen: 91.983 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015743.D

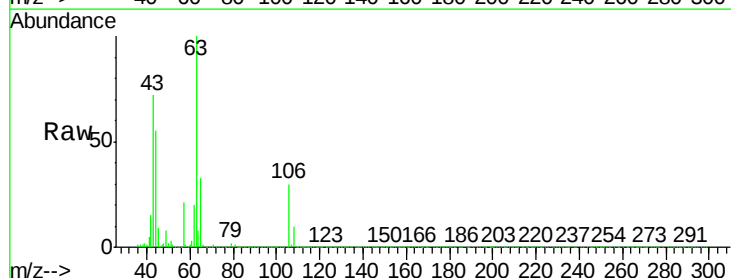
Acq: 17 Apr 2020 17:09

Tgt Ion: 63 Resp: 783033

Ion Ratio Lower Upper

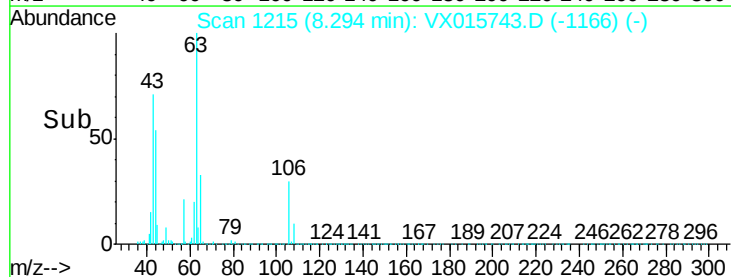
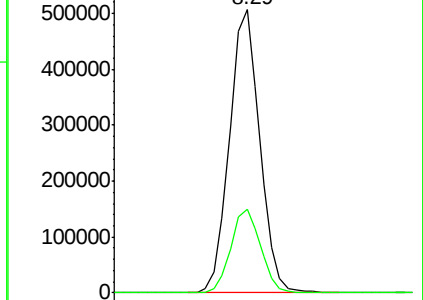
63 100

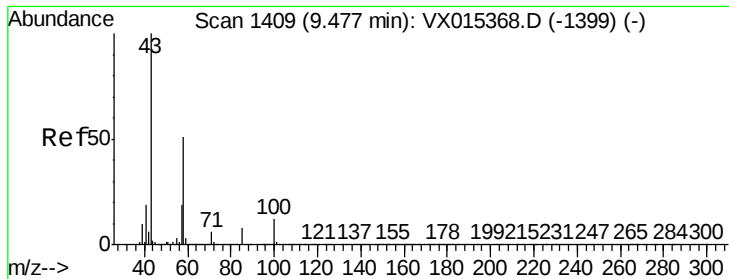
106 29.4 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V



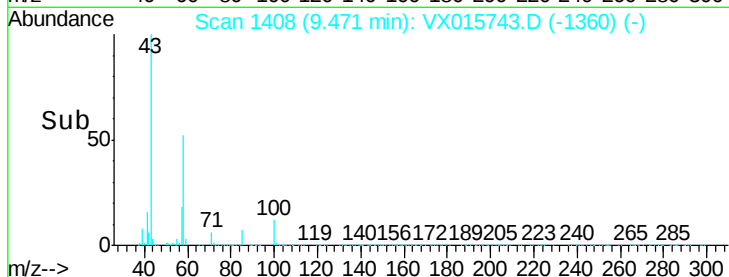
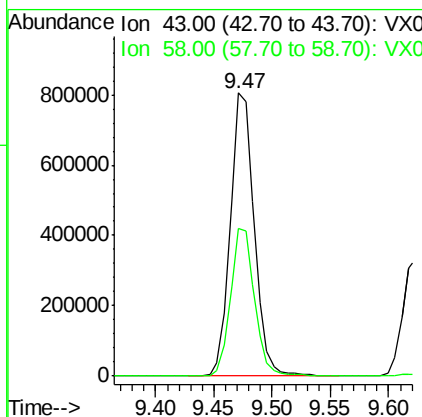
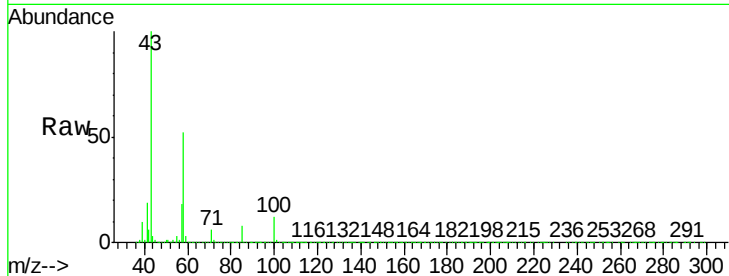


#59
2-Hexanone
Concen: 91.170 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBSD02

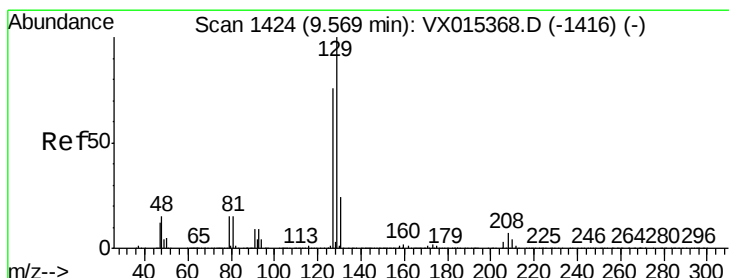
Tot Ion: 43 Resp: 1150759
Ion Ratio Lower Upper
43 100
58 52.8 25.6 76.6

Manual Integrations
APPROVED



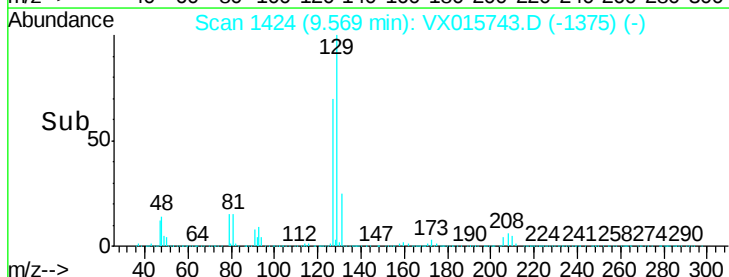
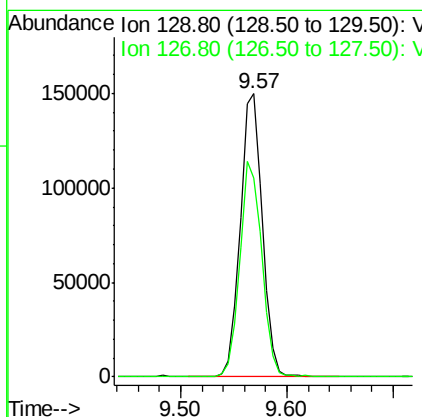
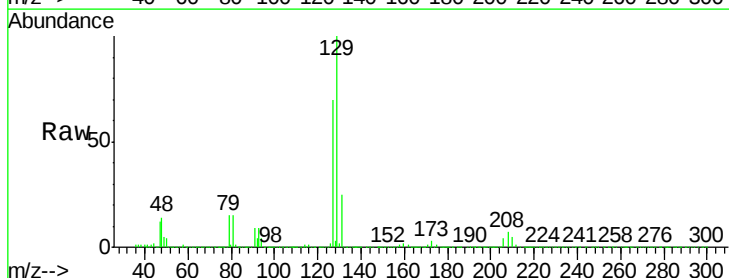
MM Dadoda

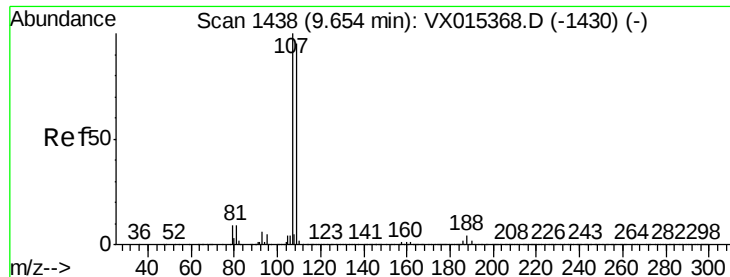
4/20/2020 10:06:47 AM



#60
Dibromochloromethane
Concen: 18.299 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Tgt Ion: 129 Resp: 218366
Ion Ratio Lower Upper
129 100
127 75.4 38.2 114.6





#61

1,2-Dibromoethane

Concen: 18.765 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBSD02

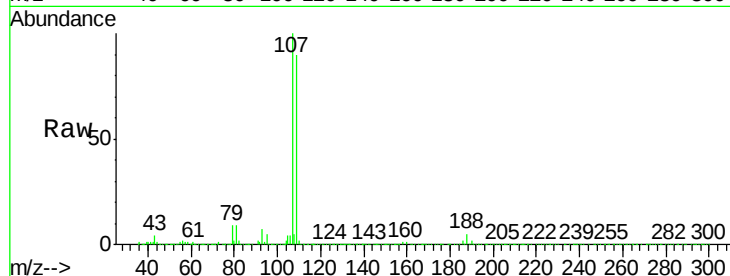
Tot Ion: 107 Resp: 202623

Ion Ratio Lower Upper

107 100

109 95.9 74.8 112.2

Manual Integrations
APPROVED



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

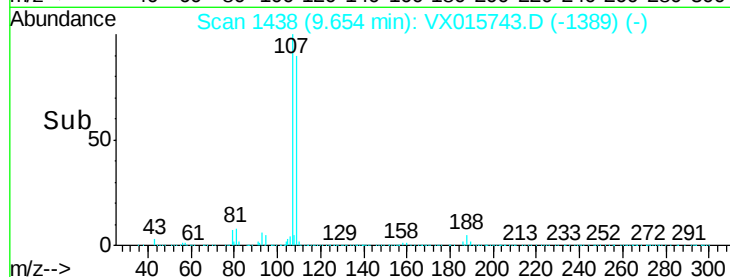
150000

100000

50000

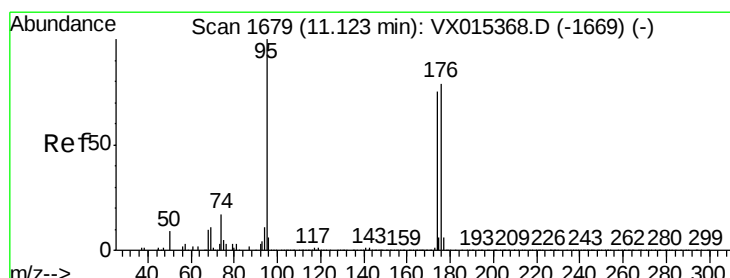
0

Time--> 9.55 9.60 9.65 9.70 9.75



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4/20/2020 10:06:47 AM



#62

4-Bromofluorobenzene

Concen: 52.281 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

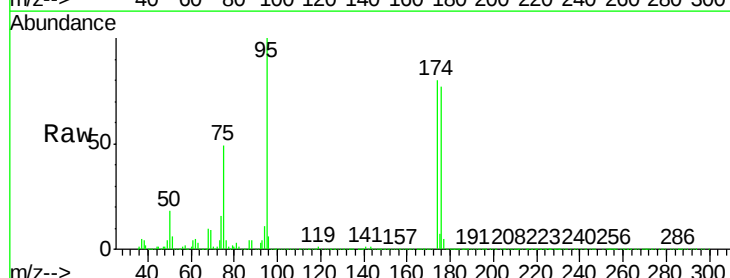
Tgt Ion: 95 Resp: 728381

Ion Ratio Lower Upper

95 100

174 81.8 0.0 158.6

176 81.6 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

800000

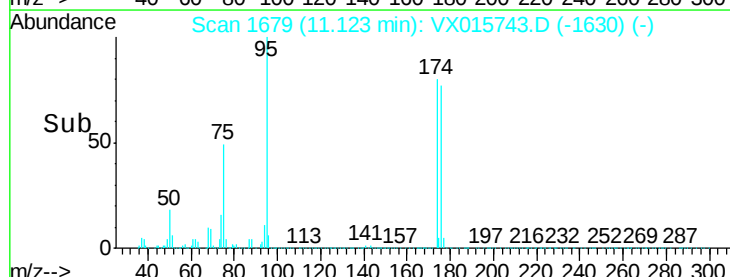
600000

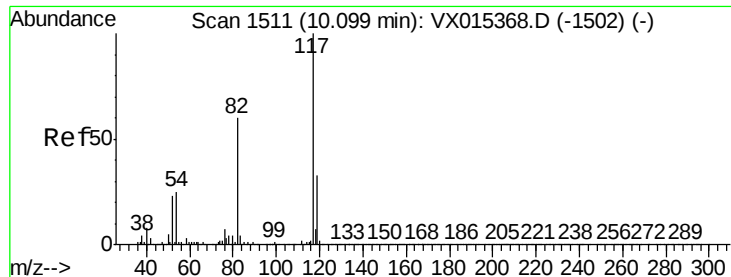
400000

200000

0

Time--> 11.00 11.10 11.20



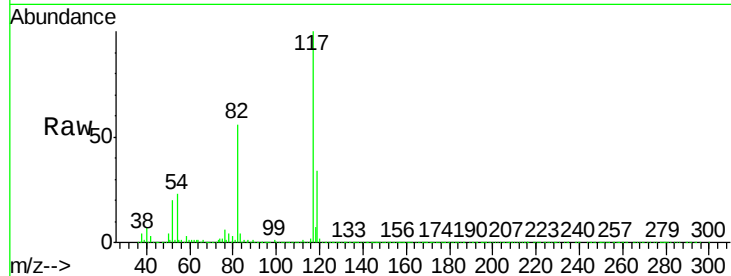


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

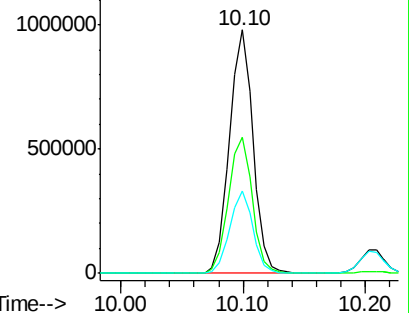
Instrument :
MSVOA_X
ClientSampled :
VX0417WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	47.8	71.8
119	33.6	26.8	40.2

Manual Integrations
APPROVED

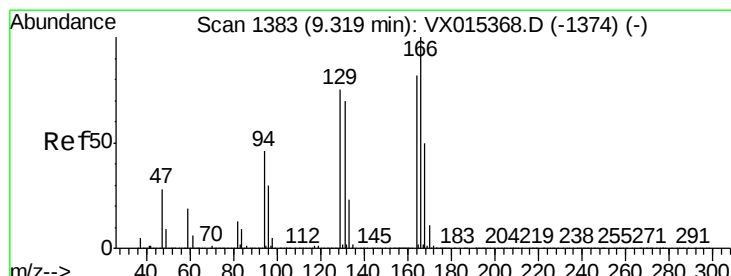
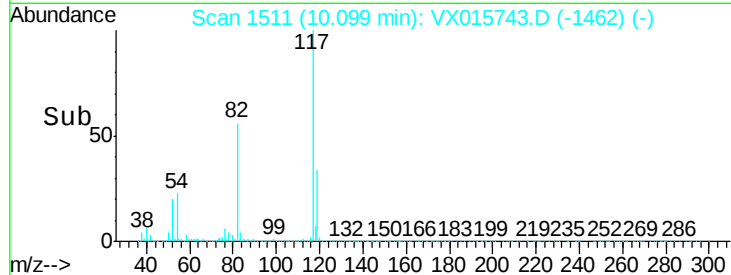


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



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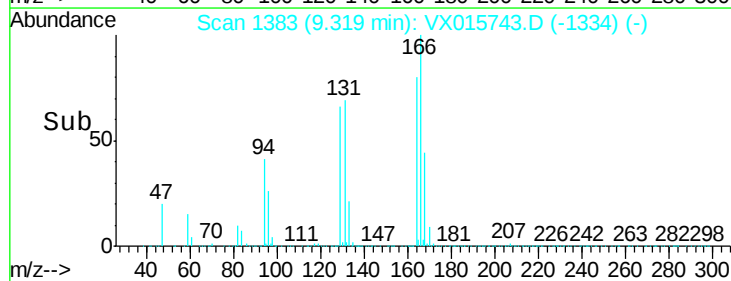
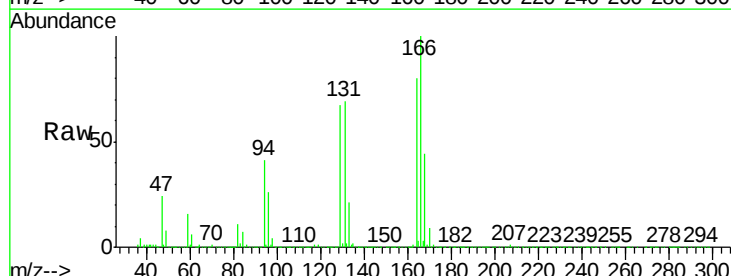
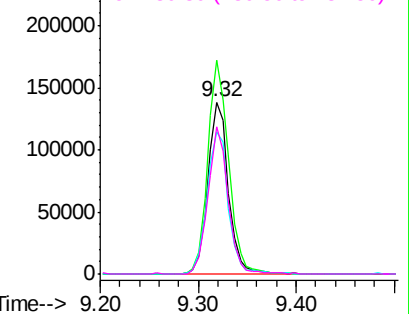
4/20/2020 10:06:47 AM

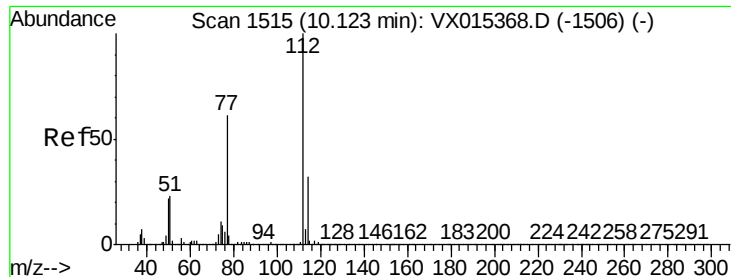


#64
Tetrachloroethene
Concen: 20.191 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.3	97.8	146.6
129	82.7	73.0	109.4
131	85.9	68.6	103.0

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



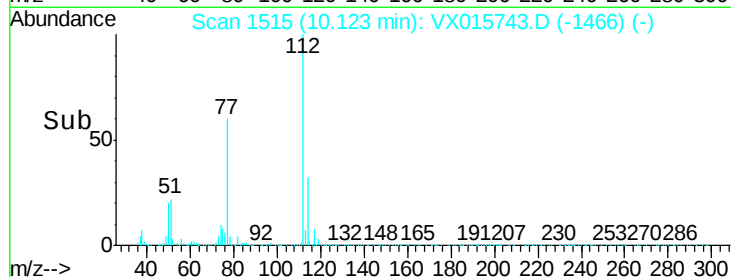
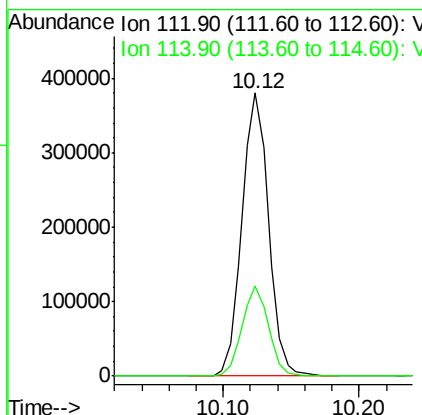
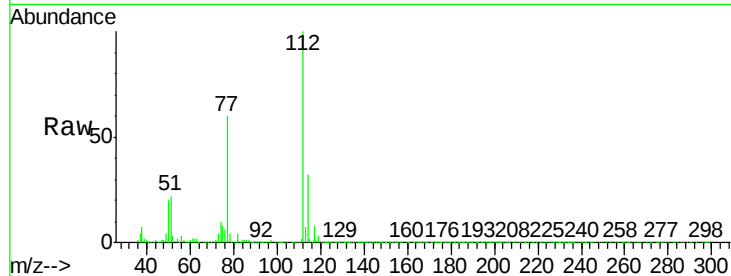


#65
Chlorobenzene
Concen: 19.799 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Instrument :
MSVOA_X
ClientSampled :
VX0417WBSD02

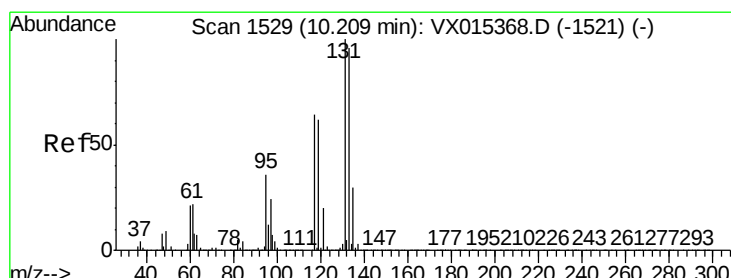
Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.5	38.3

Manual Integrations
APPROVED



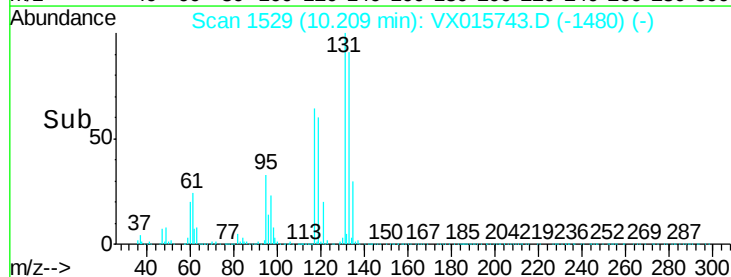
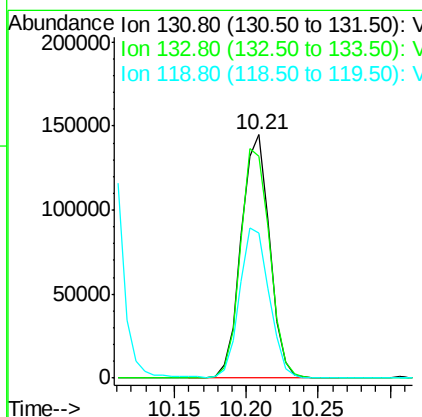
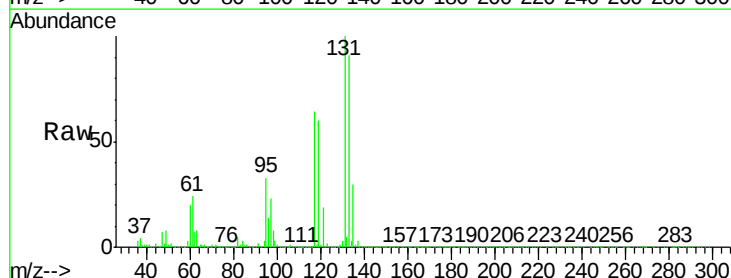
MMDadoda

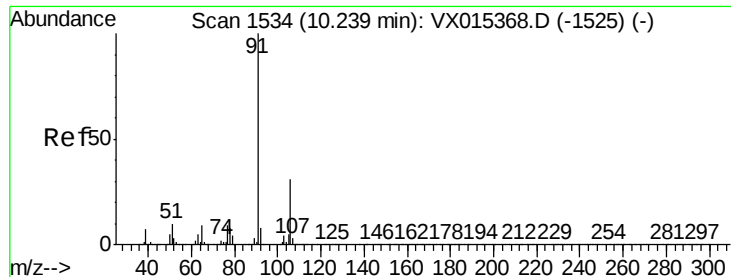
4/20/2020 10:06:47 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.953 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.0	47.6	142.9
119	63.8	31.1	93.3



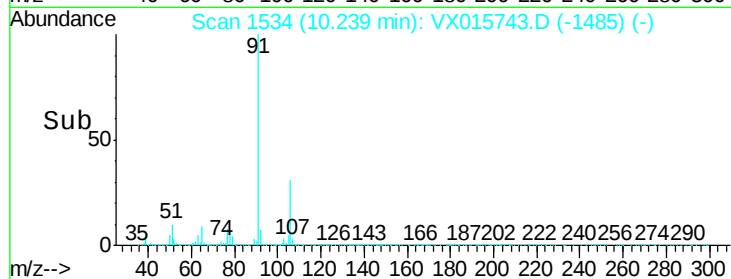
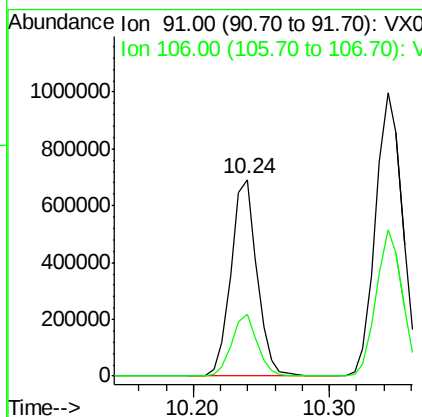
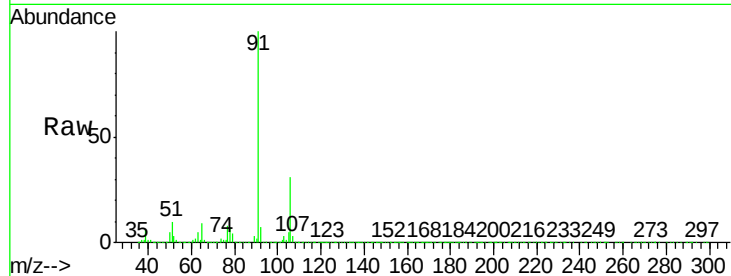


#67
Ethyl Benzene
Concen: 19.905 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Instrument :
MSVOA_X
ClientSampled :
VX0417WBSD02

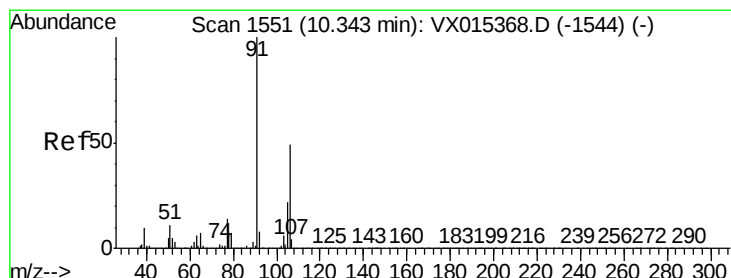
Tot Ion: 91 Resp: 923695
Ion Ratio Lower Upper
91 100
106 31.4 24.8 37.2

Manual Integrations
APPROVED



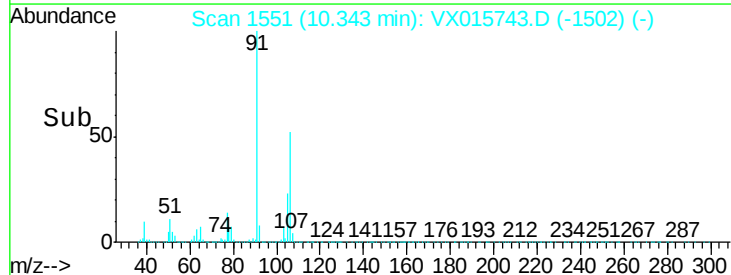
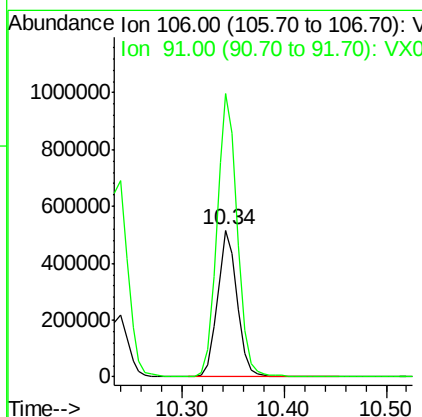
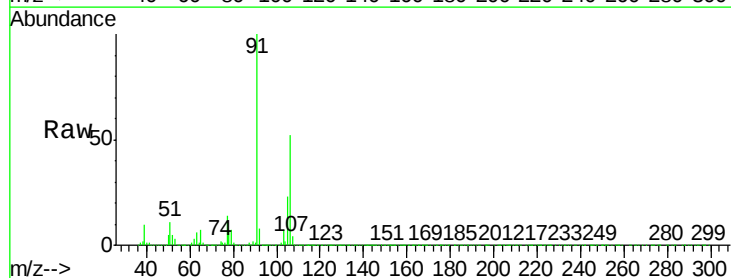
MMDadoda

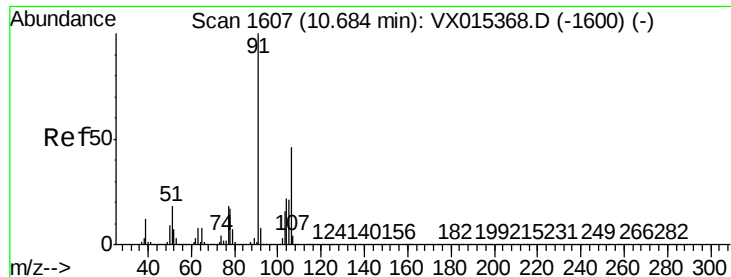
4/20/2020 10:06:47 AM



#68
m/p-Xylenes
Concen: 40.503 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Tgt Ion: 106 Resp: 699892
Ion Ratio Lower Upper
106 100
91 198.1 163.4 245.0



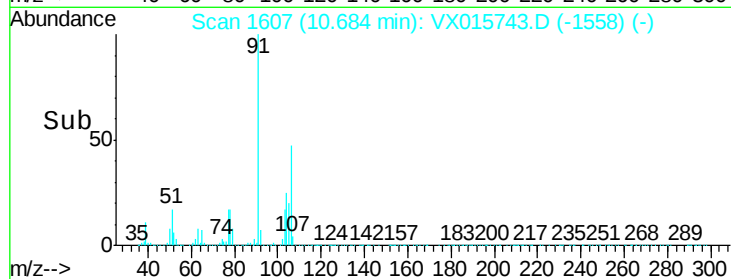
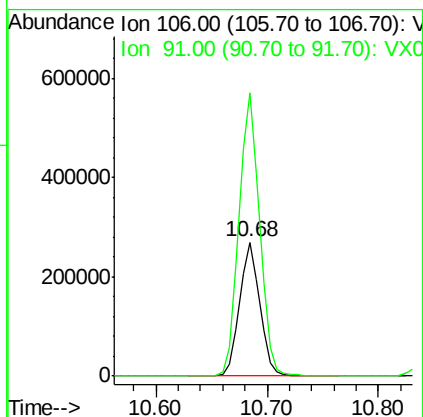
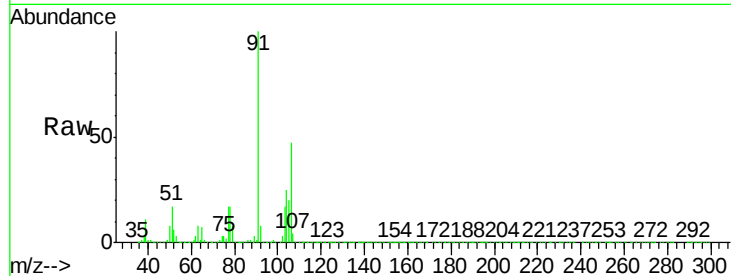


#69
o-Xylene
Concen: 19.856 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Instrument :
MSVOA_X
ClientSampled :
VX0417WBSD02

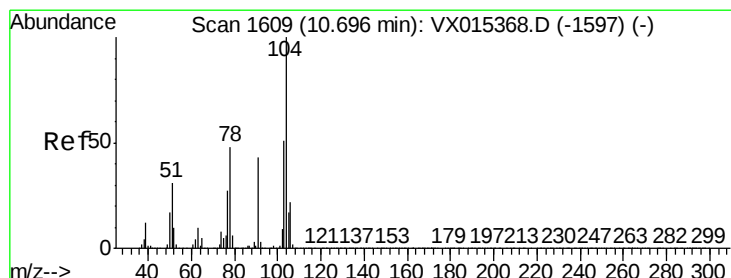
Tot Ion	Ratio	Lower	Upper
106	100		
91	215.4	107.1	321.3

Manual Integrations
APPROVED



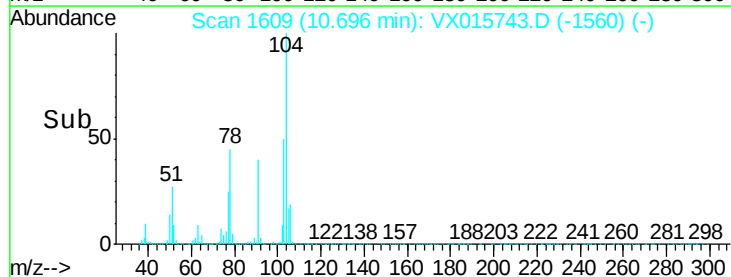
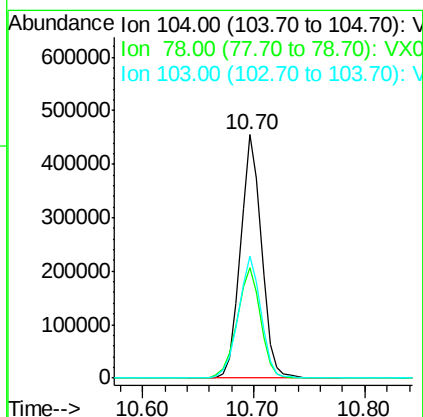
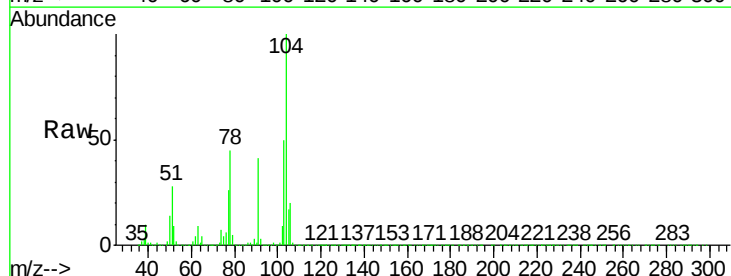
MMDadoda

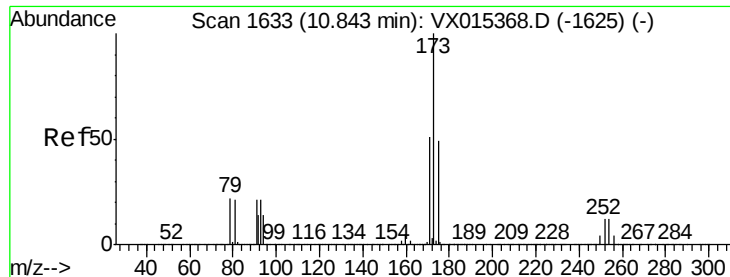
4/20/2020 10:06:47 AM



#70
Styrene
Concen: 19.807 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.0	42.0	63.0
103	54.1	43.4	65.0



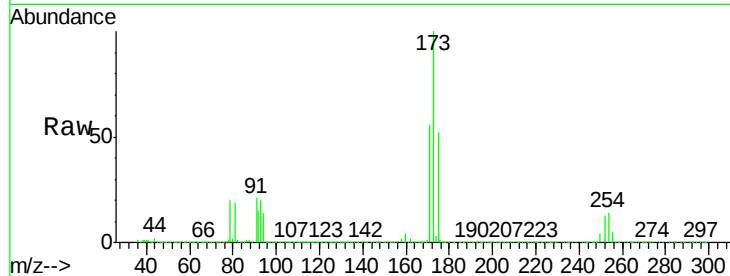


#71
Bromoform
Concen: 17.144 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

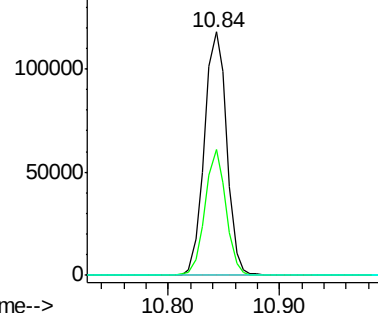
Instrument :
MSVOA_X
ClientSampled :
VX0417WBSD02

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	23.9	71.7
254	0.3	0.1	0.1#

Manual Integrations
APPROVED

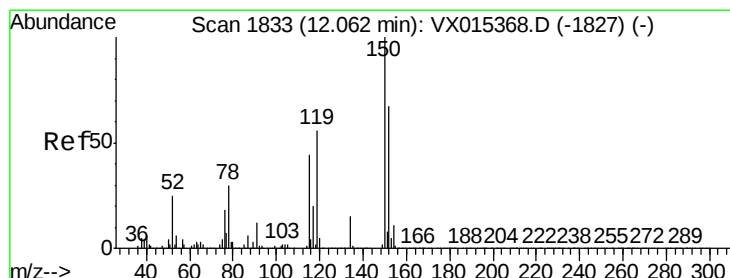
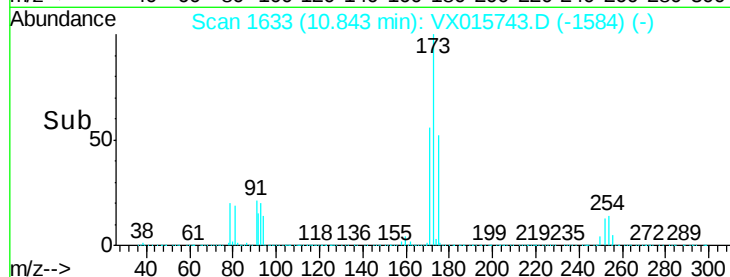


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



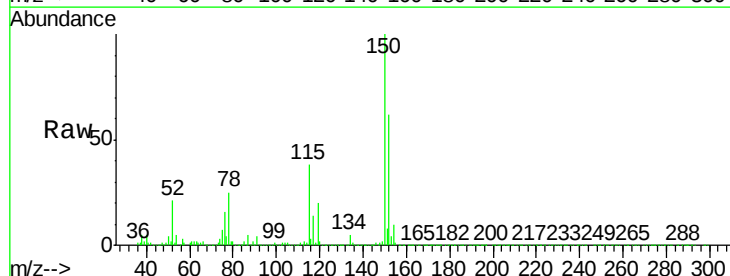
MMDadoda

4/20/2020 10:06:47 AM

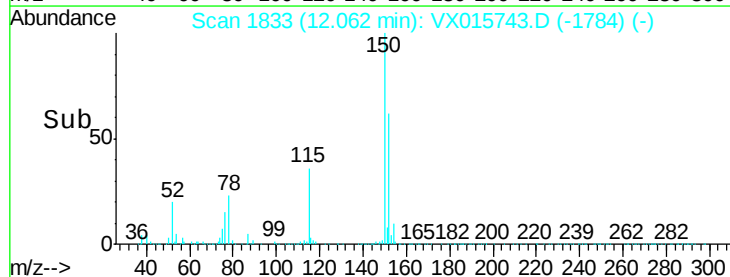
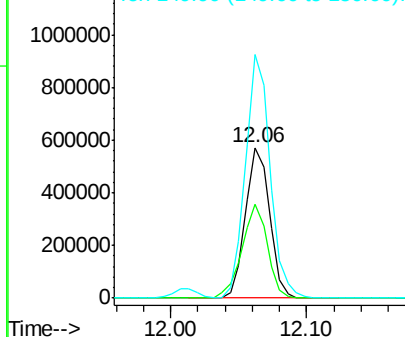


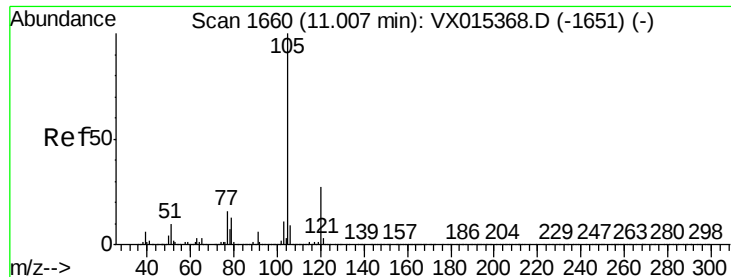
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.9	39.0	116.9
150	164.5	0.0	340.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.686 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBSD02

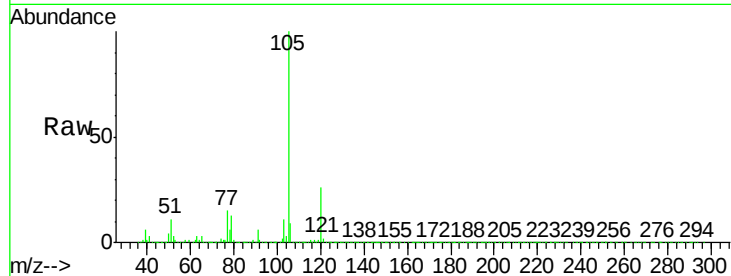
Tot Ion: 105 Resp: 919425

Ion Ratio Lower Upper

105 100

120 25.4 13.2 39.5

Manual Integrations
APPROVED



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

600000

400000

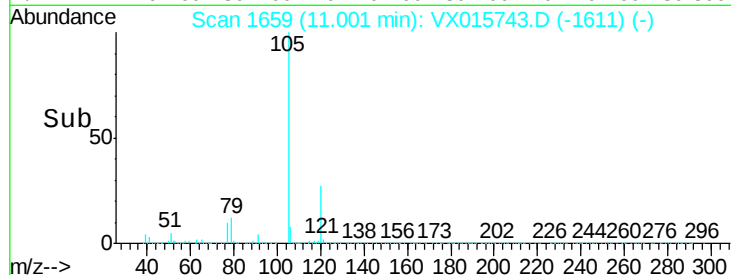
200000

0

11.00

10.90

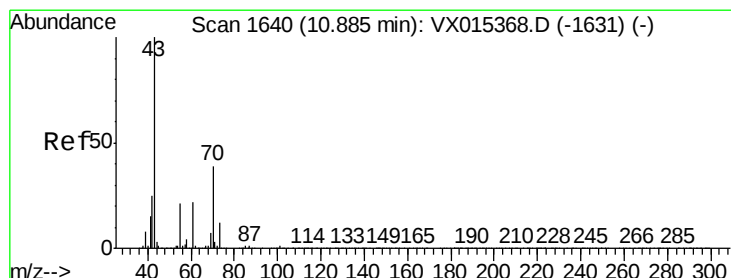
11.10



Time-->

MMDadoda

4/20/2020 10:06:47 AM



#74

N-ethyl acetate

Concen: 16.931 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Tgt Ion: 43 Resp: 439806

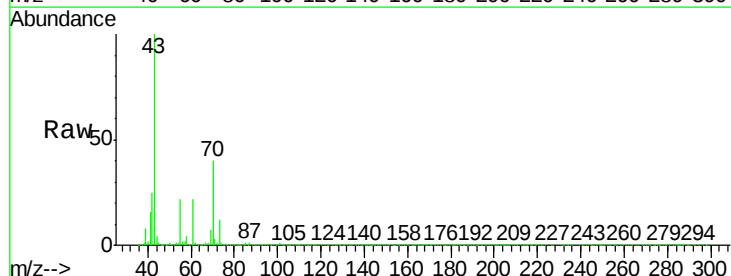
Ion Ratio Lower Upper

43 100

70 40.3 30.2 45.4

55 22.9 16.8 25.2

61 22.8 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

500000

400000

300000

200000

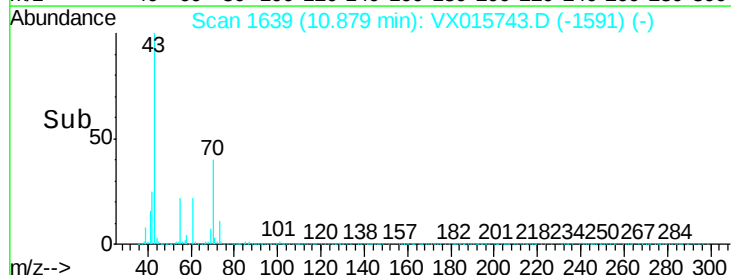
100000

0

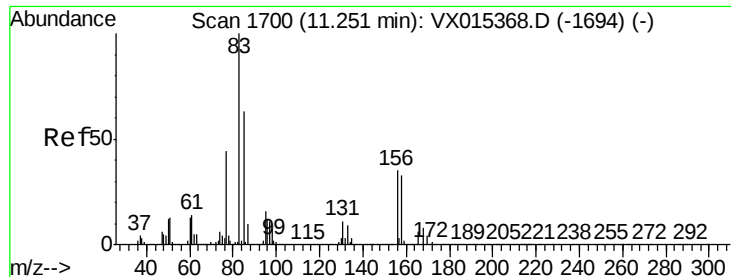
10.88

10.80

10.90



Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 18.552 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Instrument :

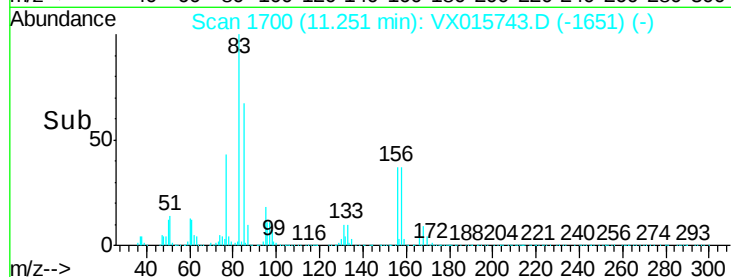
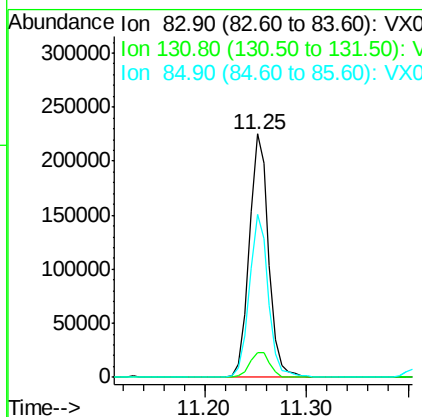
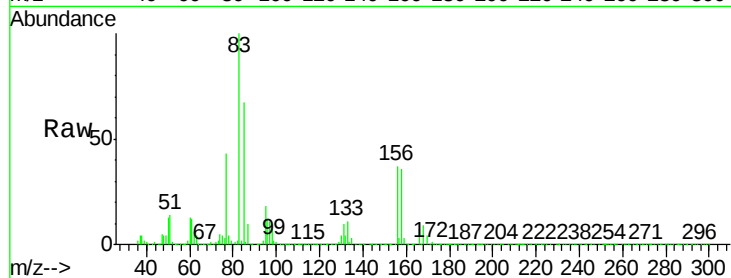
MSVOA_X

ClientSampled :

VX0417WBSD02

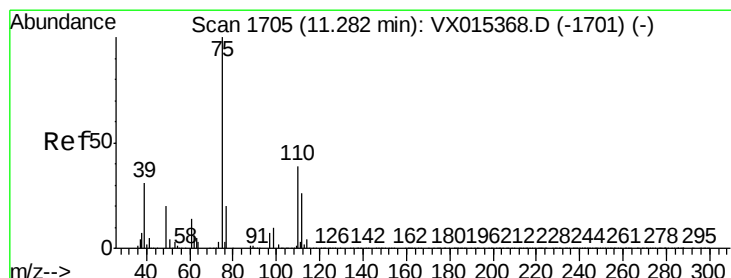
Tot Ion:	83	Resp:	297322
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.3	16.1
85	66.0	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.751 ug/l m

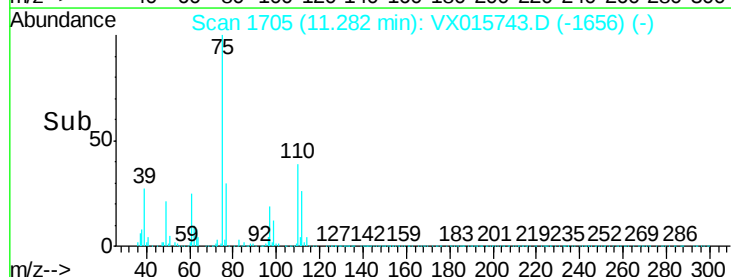
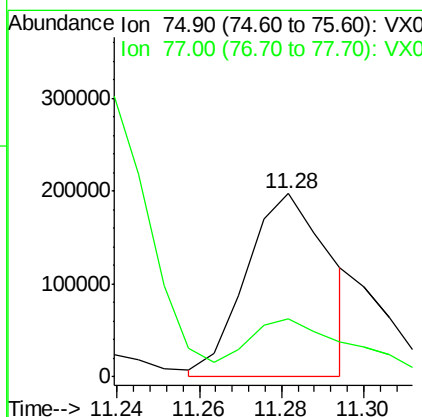
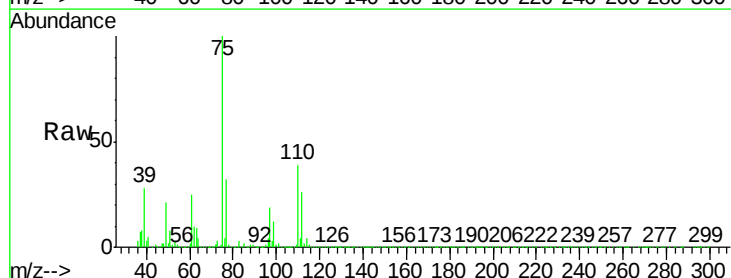
RT: 11.28 min Scan# 1705

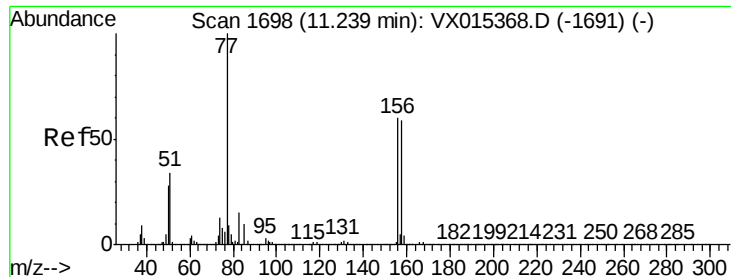
Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Tgt Ion:	75	Resp:	274870
Ion Ratio	Lower	Upper	
75	100		
77	40.2	21.2	63.6





#77

Bromobenzene

Concen: 20.146 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Instrument :

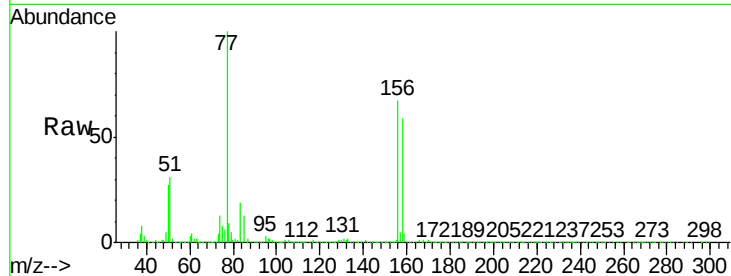
MSVOA_X

ClientSampled :

VX0417WBSD02

Tot Ion:	156	Resp:	250980
Ion Ratio	Lower	Upper	
156	100		
77	150.8	82.2	246.5
158	94.8	49.3	147.9

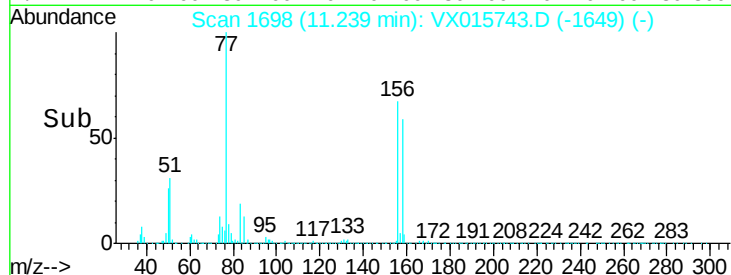
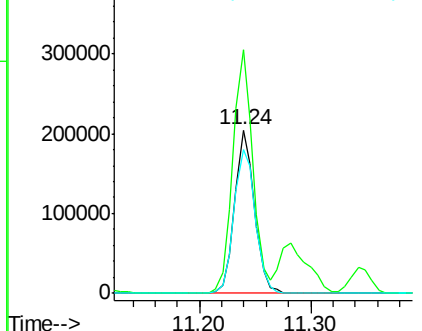
Manual Integrations
APPROVED



Abundance Ion 155.80 (155.50 to 156.50): V

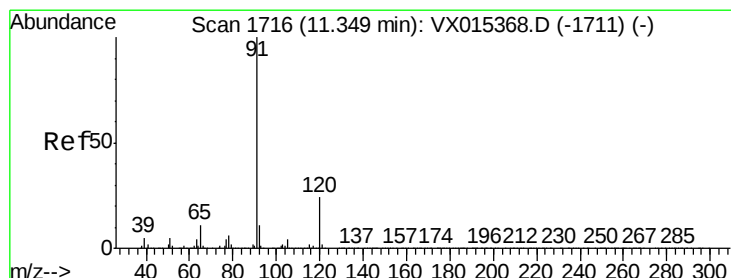
Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



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4/20/2020 10:06:47 AM



#78

n-propylbenzene

Concen: 18.963 ug/l

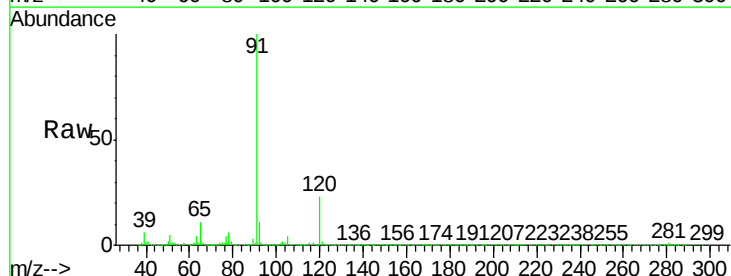
RT: 11.34 min Scan# 1715

Delta R.T. -0.01 min

Lab File: VX015743.D

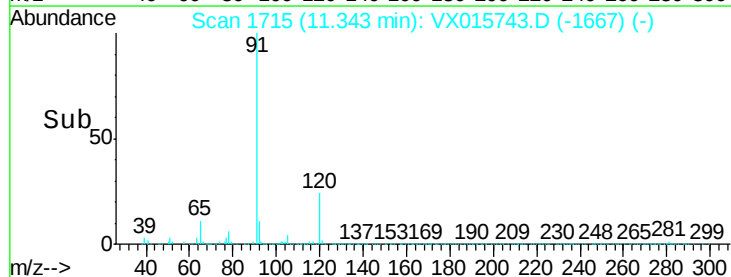
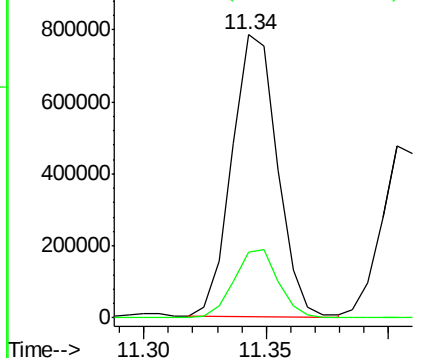
Acq: 17 Apr 2020 17:09

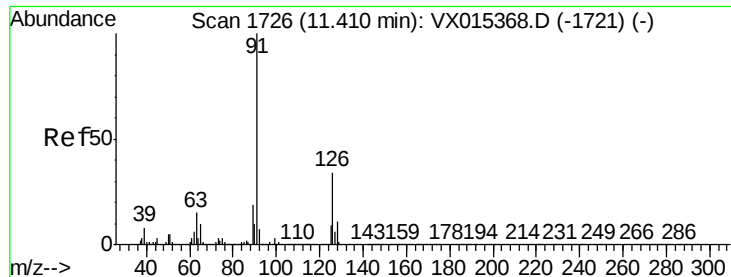
Tgt Ion:	91	Resp:	1012758
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.7	35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



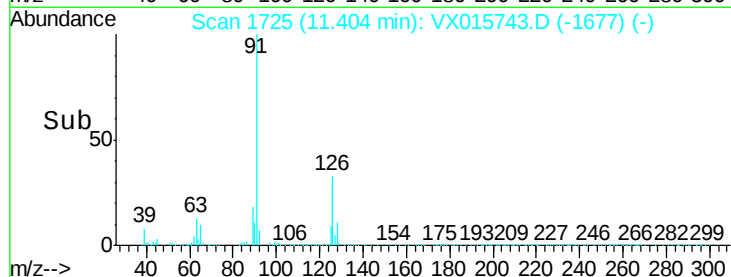
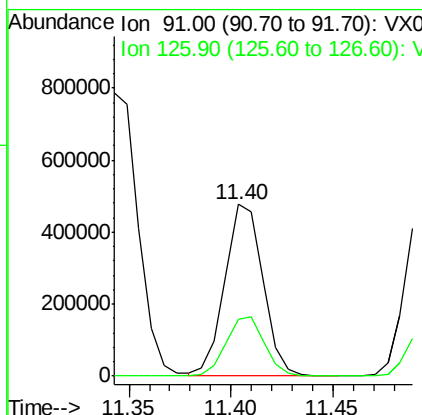
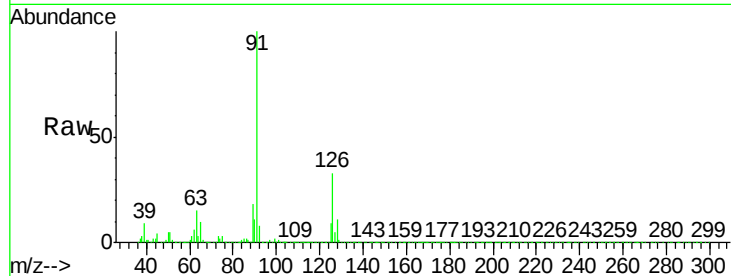


#79
2-Chlorotoluene
Concen: 18.687 ug/l
RT: 11.40 min Scan# 1725
Delta R.T. -0.01 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Instrument :
MSVOA_X
ClientSampled :
VX0417WBSD02

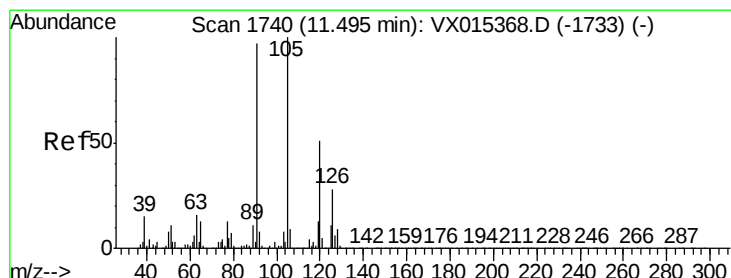
Tot Ion	Ratio	Lower	Upper
91	100		
126	35.0	16.5	49.5

Manual Integrations
APPROVED



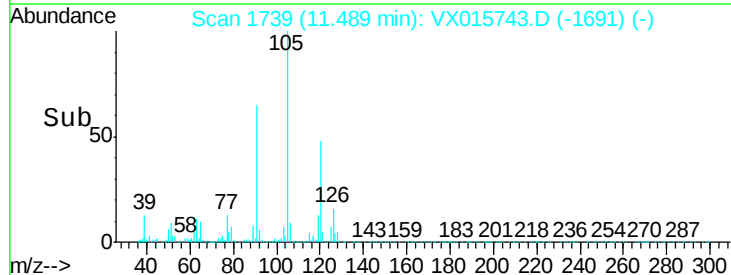
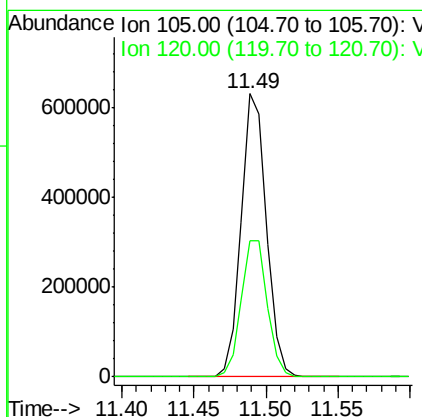
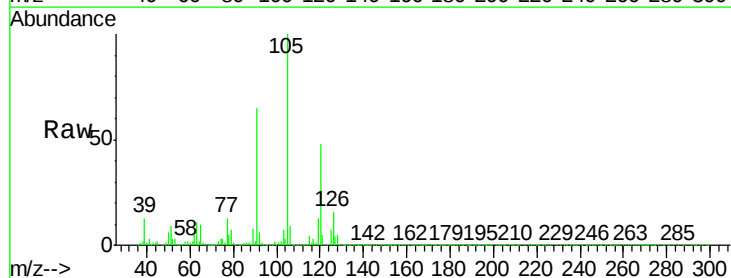
MMDadoda

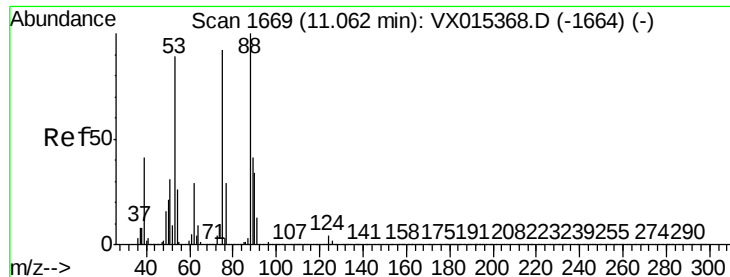
4/20/2020 10:06:47 AM



#80
1,3,5-Trimethylbenzene
Concen: 19.229 ug/l
RT: 11.49 min Scan# 1739
Delta R.T. -0.01 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.2	24.8	74.4



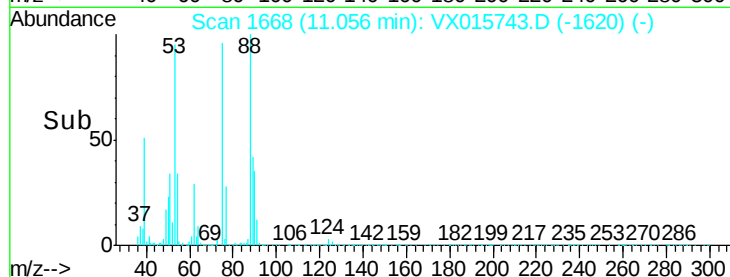
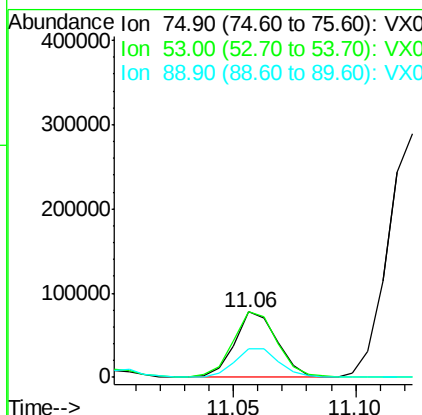
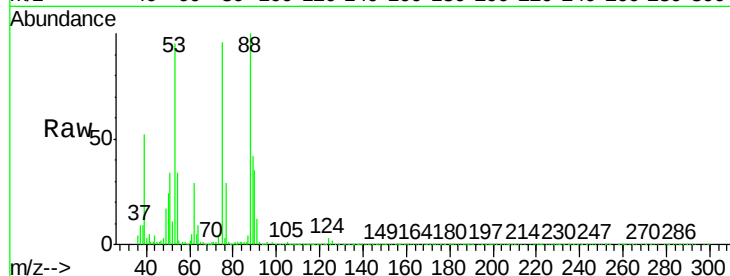


#81
trans-1,4-Dichloro-2-butene
Concen: 15.221 ug/l
RT: 11.06 min Scan# 1668
Delta R.T. -0.01 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Instrument :
MSVOA_X
ClientSampled :
VX0417WBSD02

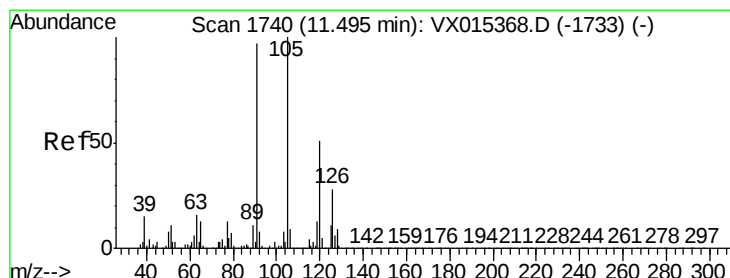
Tot Ion	Ratio	Lower	Upper
75	100		
53	103.4	80.1	120.1
89	47.9	36.1	54.1

Manual Integrations
APPROVED



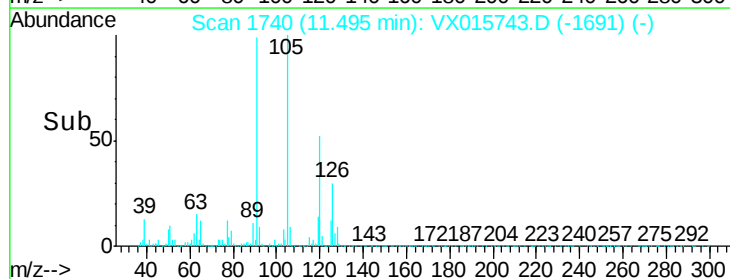
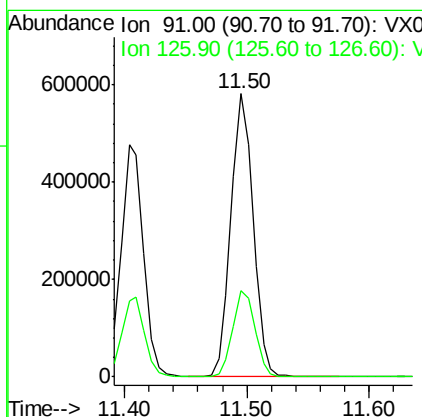
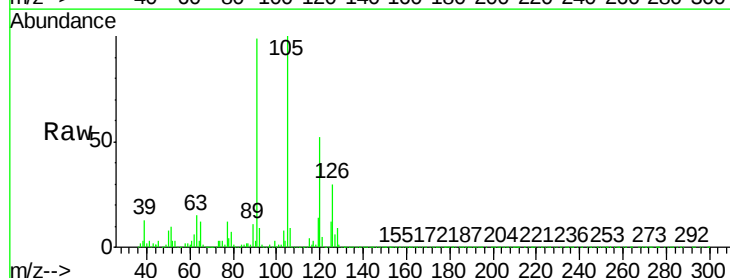
MMDadoda

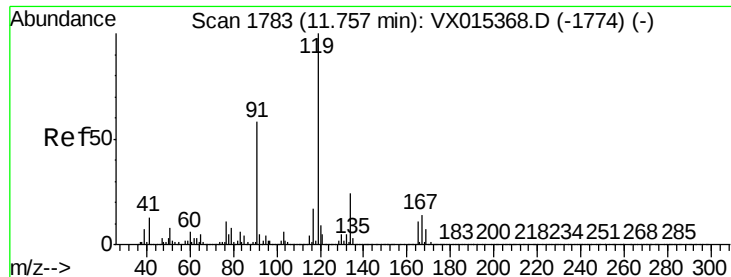
4/20/2020 10:06:47 AM



#82
4-Chlorotoluene
Concen: 19.030 ug/l
RT: 11.50 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	14.7	44.1



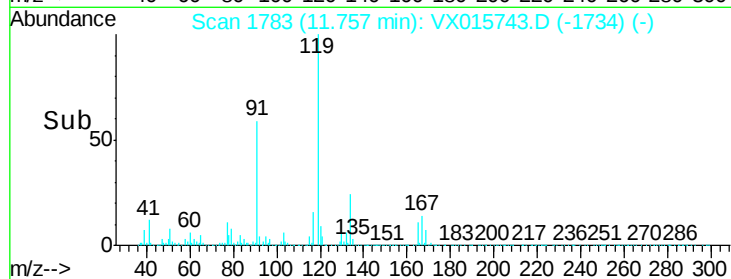
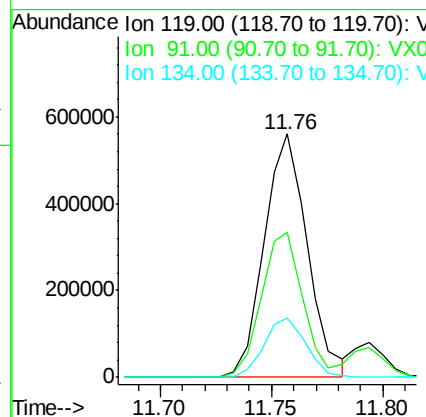
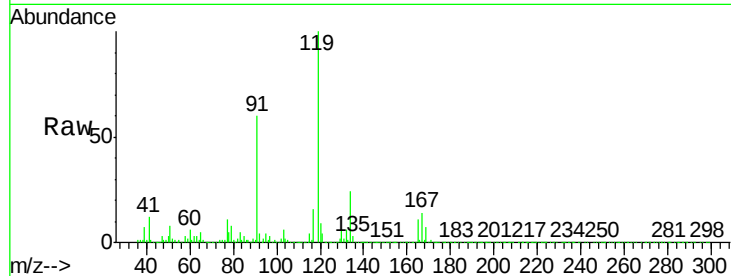


#83
tert-Butylbenzene
Concen: 19.322 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Instrument :
MSVOA_X
ClientSampled :
VX0417WBSD02

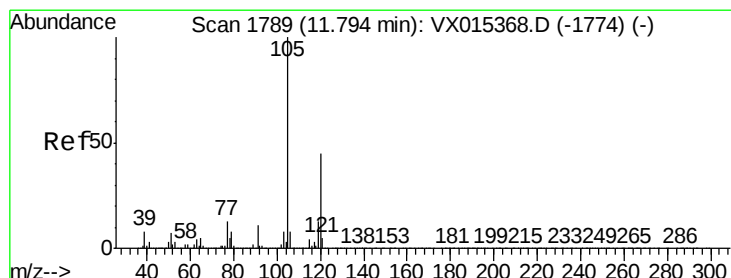
Tot Ion	Ratio	Lower	Upper
119	100		
91	57.3	28.6	85.8
134	23.6	11.8	35.3

Manual Integrations
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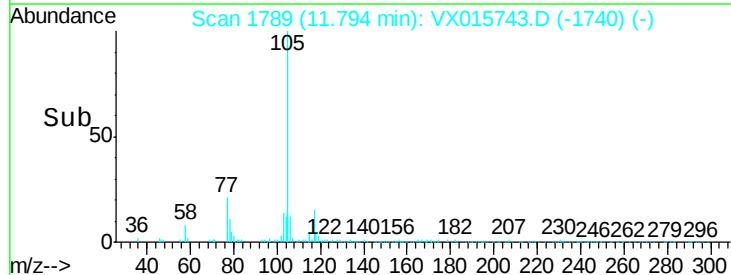
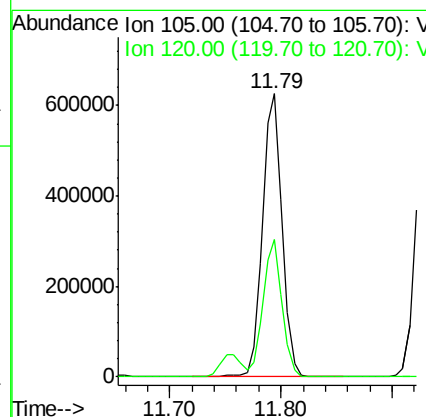
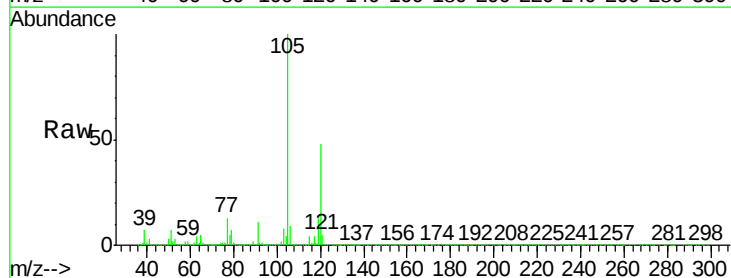
MMDadoda

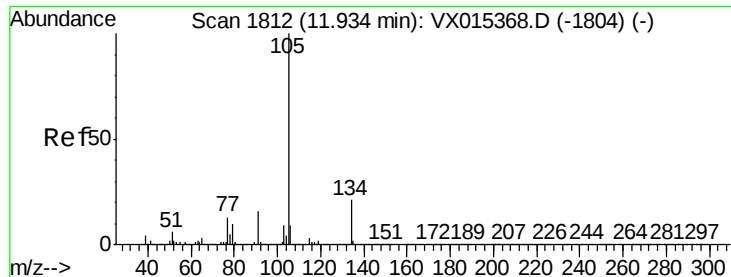
4/20/2020 10:06:47 AM



#84
1,2,4-Trimethylbenzene
Concen: 18.865 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	22.7	68.1





#85

sec-Butylbenzene

Concen: 19.511 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

Instrument :

MSVOA_X

ClientSampled :

VX0417WBSD02

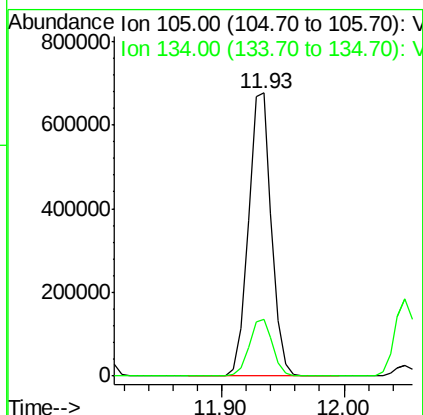
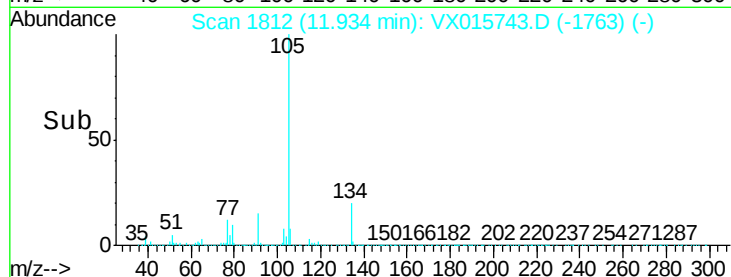
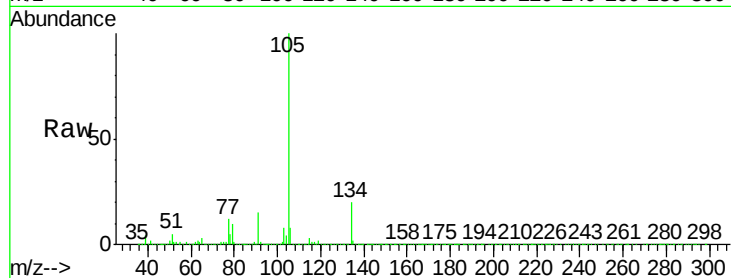
Tot Ion:105 Resp: 879189

Ion Ratio Lower Upper

105 100

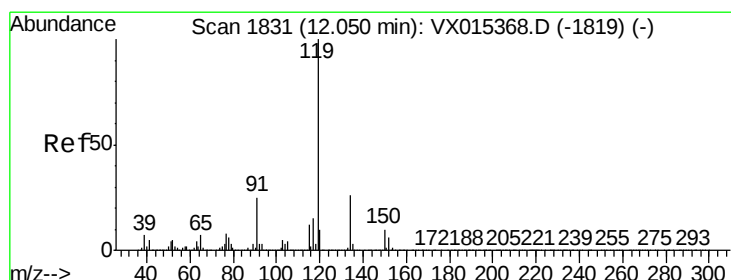
134 20.3 10.4 31.1

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 19.708 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015743.D

Acq: 17 Apr 2020 17:09

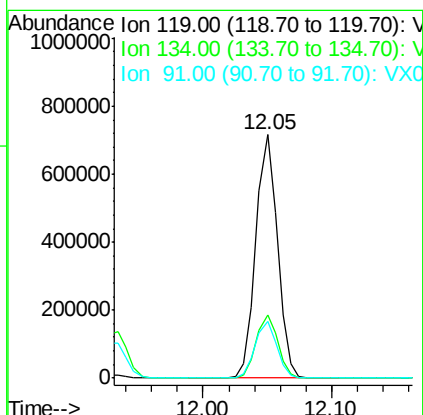
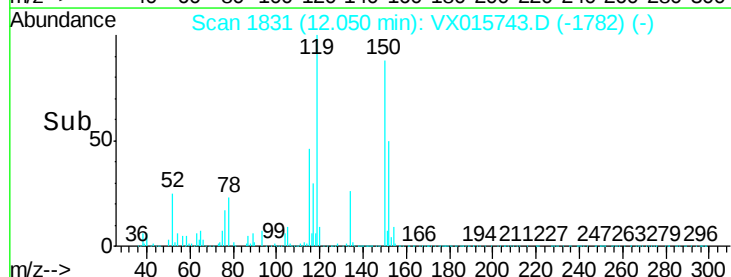
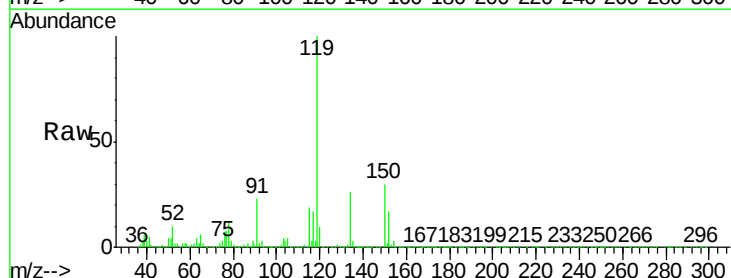
Tgt Ion:119 Resp: 824442

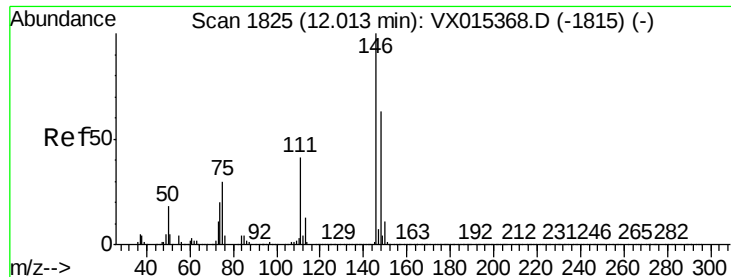
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 23.3 12.4 37.4



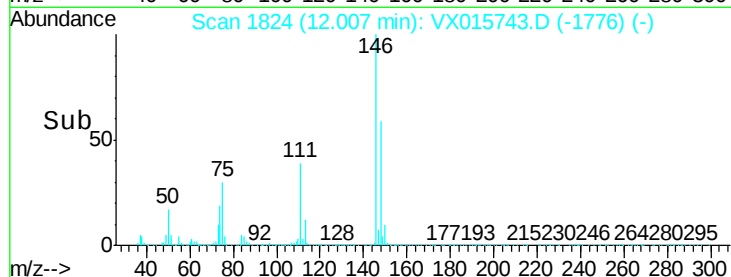
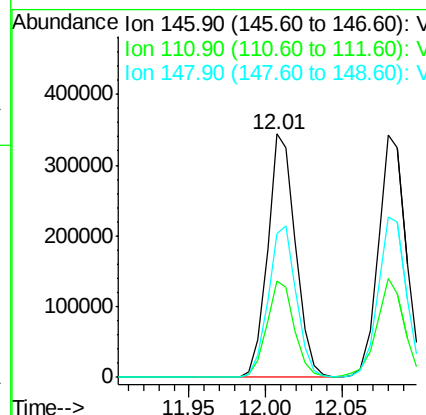
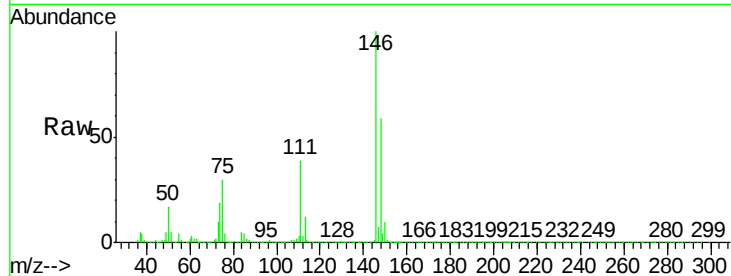


#87
 1,3-Dichlorobenzene
 Concen: 19.624 ug/l
 RT: 12.01 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: VX015743.D
 Acq: 17 Apr 2020 17:09

Instrument :
 MSVOA_X
 ClientSampled :
 VX0417WBSD02

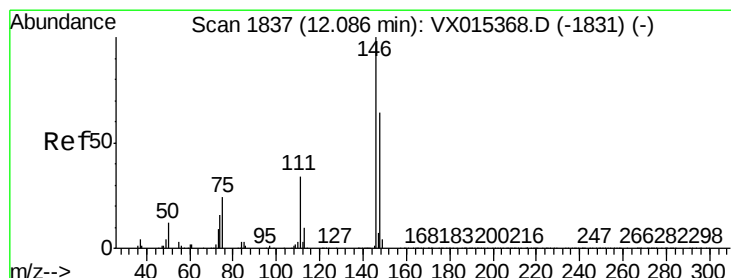
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	20.3	60.9
148	62.4	31.3	93.9

Manual Integrations
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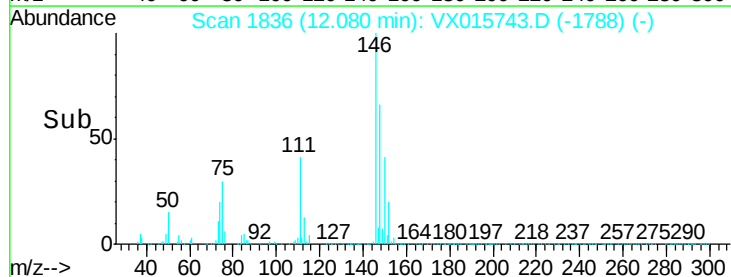
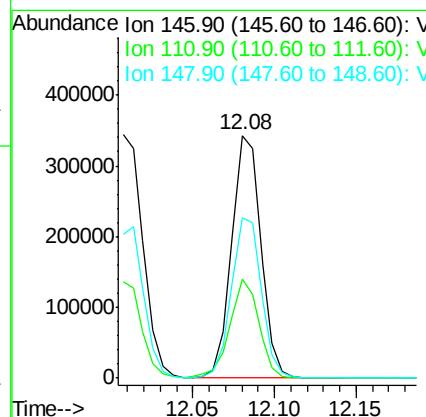
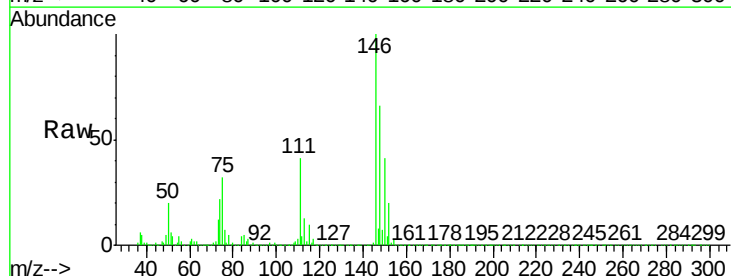
MMDadoda

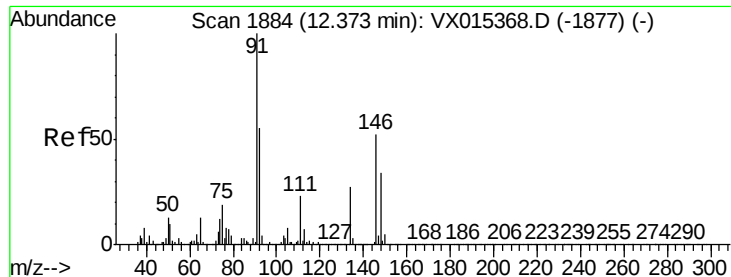
4/20/2020 10:06:47 AM



#88
 1,4-Dichlorobenzene
 Concen: 18.810 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015743.D
 Acq: 17 Apr 2020 17:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.1	57.5
148	67.6	32.4	97.2



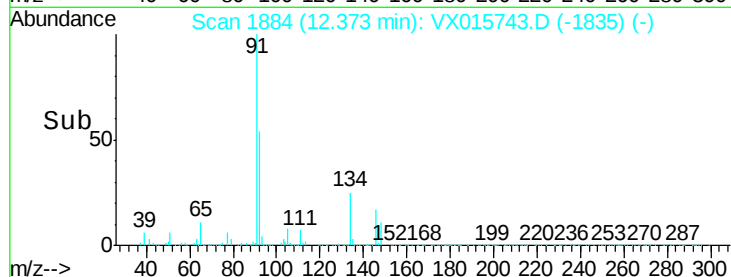
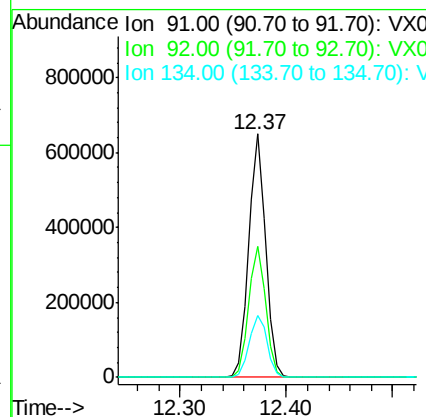
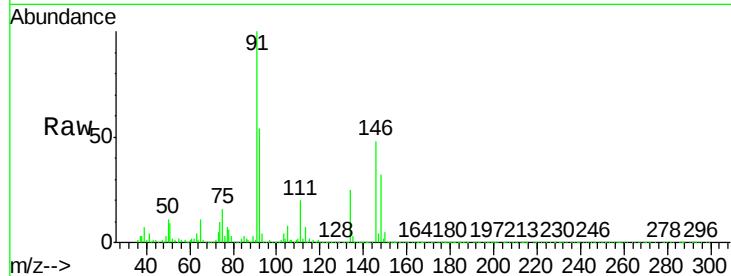


#89
n-Butylbenzene
Concen: 19.148 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Instrument :
MSVOA_X
ClientSampled :
VX0417WBSD02

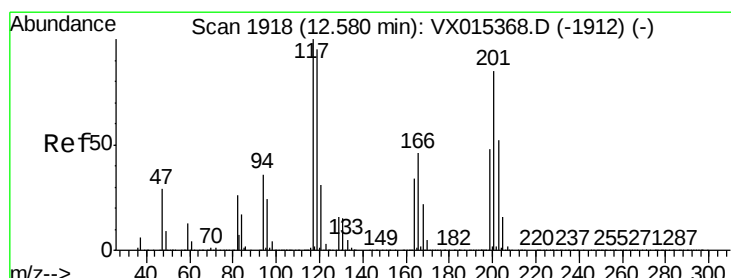
Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.7	27.2	81.5	
134	26.9	13.4	40.2	

Manual Integrations
APPROVED



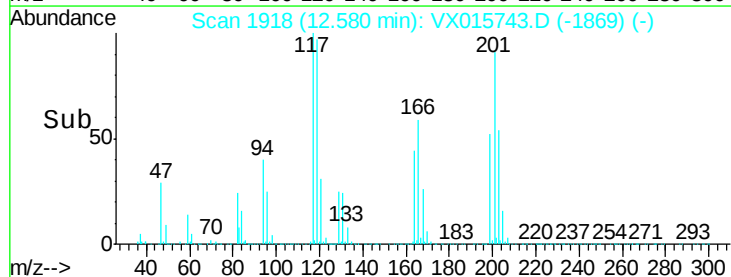
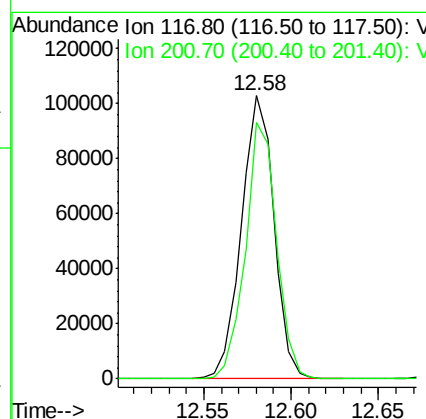
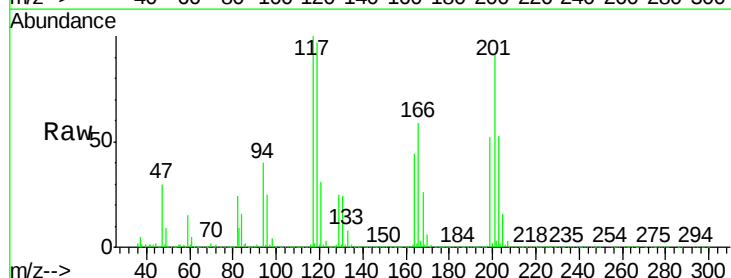
MMDadoda

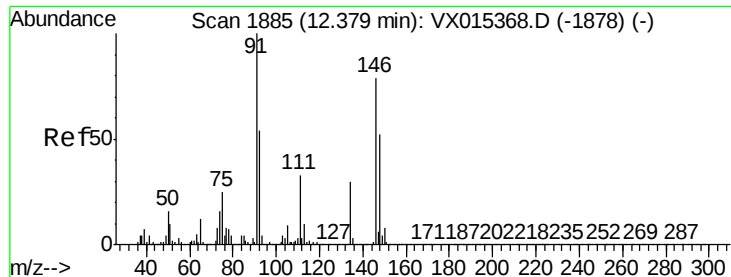
4/20/2020 10:06:47 AM



#90
Hexachloroethane
Concen: 16.264 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	86.8	42.6	128.0	



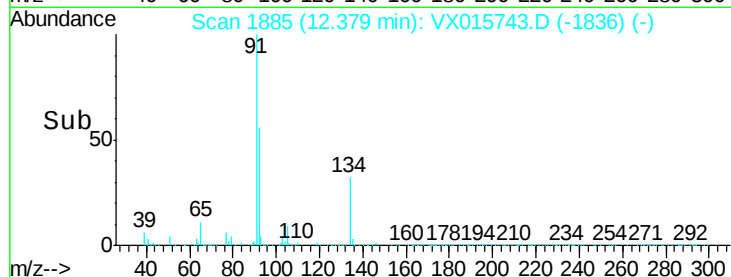
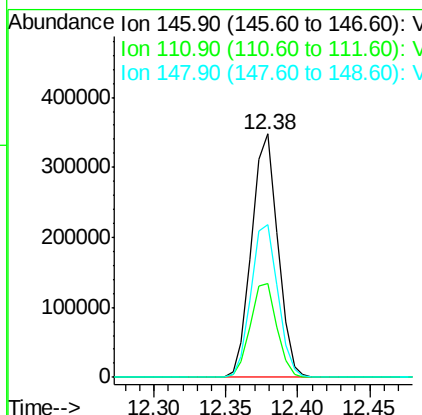
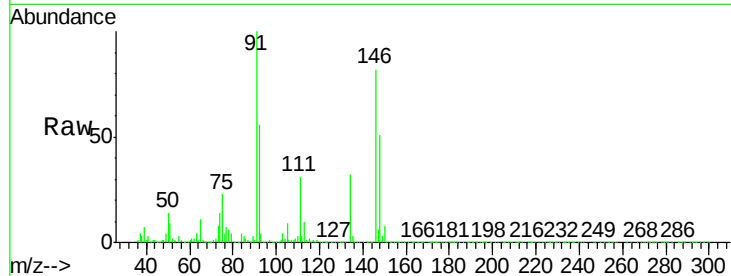


#91
 1,2-Dichlorobenzene
 Concen: 19.983 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015743.D
 Acq: 17 Apr 2020 17:09

Instrument :
 MSVOA_X
 ClientSampled :
 VX0417WBSD02

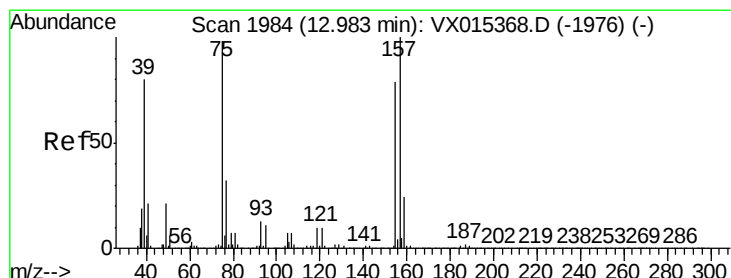
Tot Ion:	146	Resp:	436146
Ion Ratio	Lower	Upper	
146	100		
111	39.0	21.0	63.0
148	64.4	32.4	97.0

Manual Integrations
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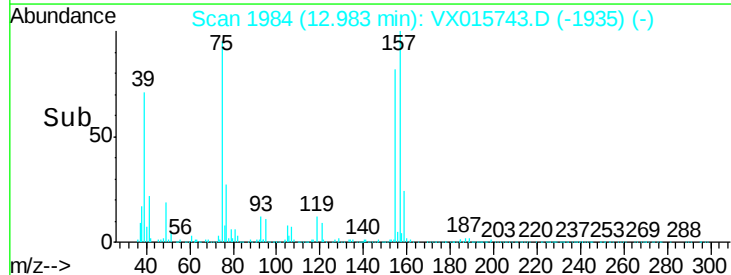
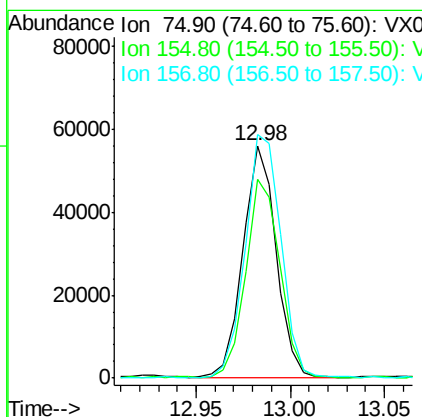
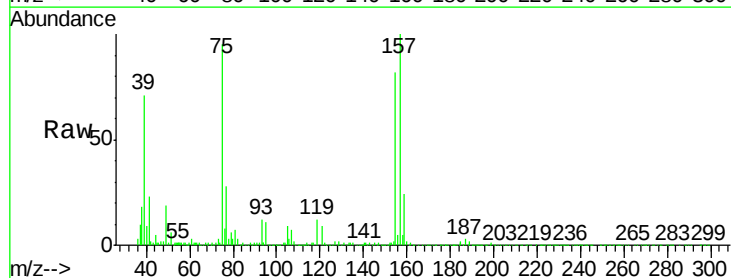
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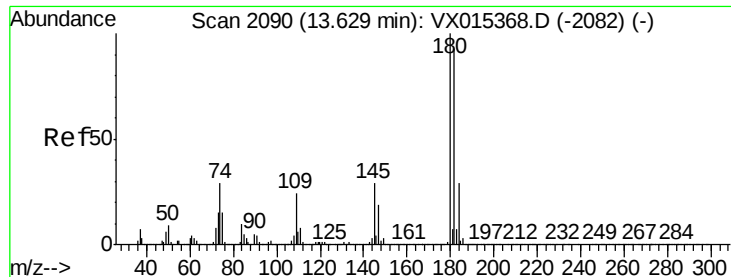
4/20/2020 10:06:47 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.206 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015743.D
 Acq: 17 Apr 2020 17:09

Tgt Ion:	75	Resp:	68784
Ion Ratio	Lower	Upper	
75	100		
155	87.3	42.8	128.4
157	112.1	53.4	160.3



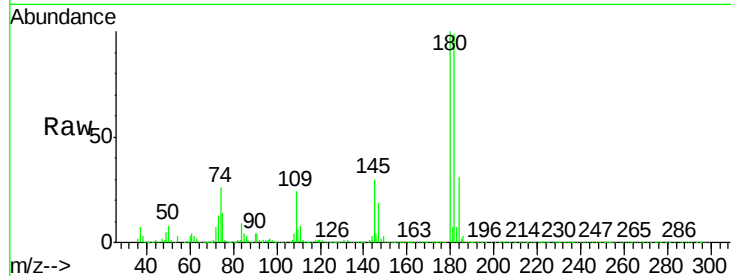


#93
 1,2,4-Trichlorobenzene
 Concen: 19.565 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015743.D
 Acq: 17 Apr 2020 17:09

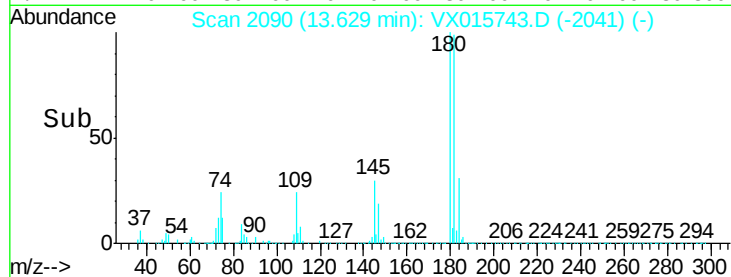
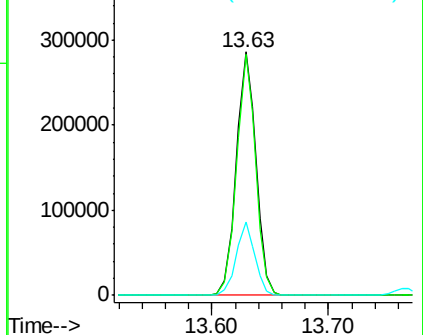
Instrument :
 MSVOA_X
 ClientSampled :
 VX0417WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	337775		
182	95.6	46.9	140.7	
145	28.5	14.9	44.5	

Manual Integrations
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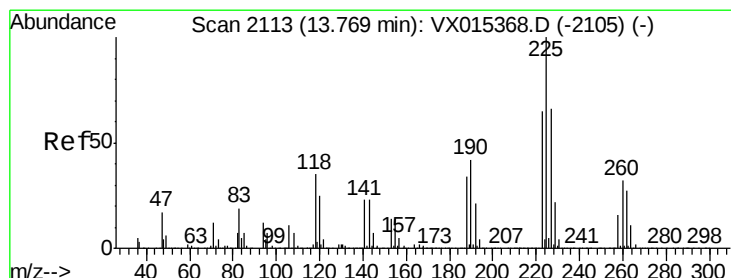


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



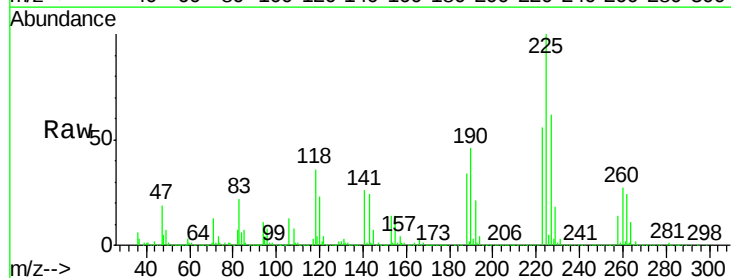
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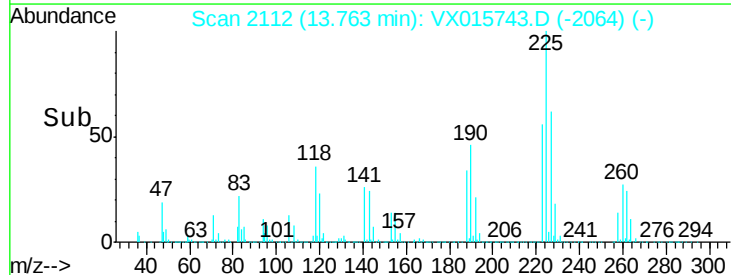
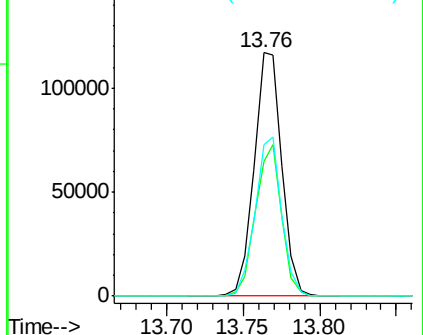


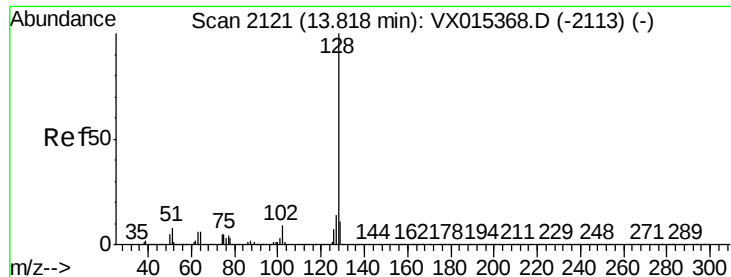
#94
 Hexachlorobutadiene
 Concen: 17.947 ug/l
 RT: 13.76 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: VX015743.D
 Acq: 17 Apr 2020 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	147515		
223	58.5	31.9	95.7	
227	62.3	30.4	91.3	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



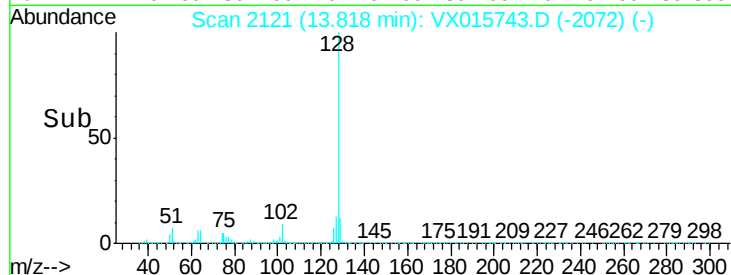
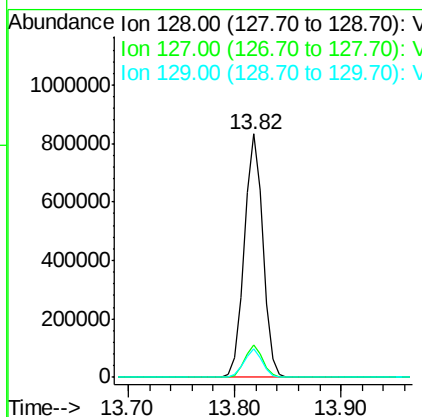
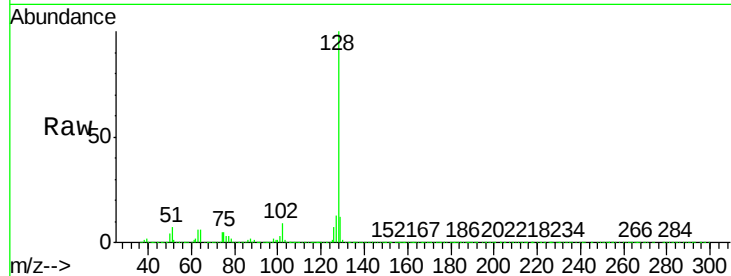


#95
Naphthalene
Concen: 19.409 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Instrument :
MSVOA_X
ClientSampled :
VX0417WBSD02

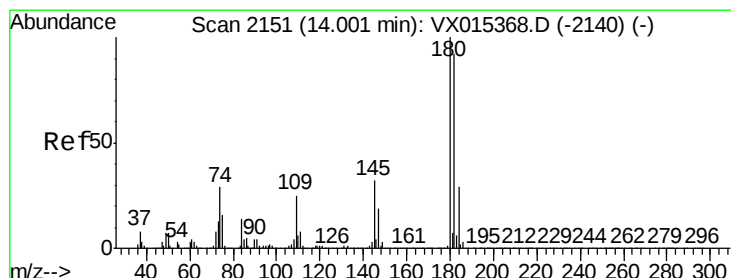
Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.6	15.8
129	11.3	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.133 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. 0.00 min
Lab File: VX015743.D
Acq: 17 Apr 2020 17:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	46.7	140.0
145	30.5	15.8	47.3

