

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042020\
 Data File : VX015760.D
 Acq On : 20 Apr 2020 13:06
 Operator : JC/SP
 Sample : VX0420WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/21/2020 12:12:33 PM

Quant Time: Apr 20 15:12:49 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	5.63	168	1126383	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1650887	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1496820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	805791	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	659682	41.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.04%	
35) Dibromofluoromethane	5.46	113	516811	48.97	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	8.70	98	1919154	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
62) 4-Bromofluorobenzene	11.12	95	782699	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	140579	14.166	ug/l	98
3) Chloromethane	1.31	50	142068	11.242	ug/l	97
4) Vinyl Chloride	1.39	62	176790	15.235	ug/l	100
5) Bromomethane	1.63	94	78634	7.889	ug/l	99
6) Chloroethane	1.71	64	113272	15.739	ug/l	100
7) Trichlorofluoromethane	1.92	101	251231	16.144	ug/l	96
8) Diethyl Ether	2.17	74	107930	16.443	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	177136	17.460	ug/l	99
10) Methyl Iodide	2.49	142	75932	5.551	ug/l	97
11) Tert butyl alcohol	3.01	59	252359	66.367	ug/l	99
12) 1,1-Dichloroethene	2.36	96	167212	15.724	ug/l	99
13) Acrolein	2.27	56	189593	87.528	ug/l	98
14) Allyl chloride	2.71	41	361822	14.562	ug/l	98
15) Acrylonitrile	3.11	53	553712	76.357	ug/l	99
16) Acetone	2.42	43	527188	77.242	ug/l	98
17) Carbon Disulfide	2.55	76	557177	17.175	ug/l	99
18) Methyl Acetate	2.75	43	281234	16.145	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	647579	15.701	ug/l	99
20) Methylene Chloride	2.84	84	196302	15.398	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	183079	15.513	ug/l	96
22) Diisopropyl ether	3.82	45	722269	16.404	ug/l	96
23) Vinyl Acetate	3.78	43	3105678	77.905	ug/l	100
24) 1,1-Dichloroethane	3.67	63	358830	15.479	ug/l	98
25) 2-Butanone	4.63	43	803889	73.239	ug/l	99
26) 2,2-Dichloropropane	4.55	77	322951	16.972	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	221856	16.248	ug/l	97
28) Bromochloromethane	4.98	49	172479	15.583	ug/l	95
29) Tetrahydrofuran	5.09	42	512608	72.645	ug/l	99
30) Chloroform	5.18	83	356257	15.973	ug/l	92
31) Cyclohexane	5.55	56	311251	15.477	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	317467	15.728	ug/l	99
36) 1,1-Dichloropropene	5.77	75	259201	17.040	ug/l	98
37) Ethyl Acetate	4.79	43	314020	15.855	ug/l	99
38) Carbon Tetrachloride	5.75	117	274546	16.664	ug/l	97

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Manual Integrations
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 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	7.44	83	310075	17.680	ug/l	97
40) Benzene	6.11	78	766284	17.198	ug/l	99
41) Methacrylonitrile	5.00	41	182681	16.615	ug/l	97
42) 1,2-Dichloroethane	6.16	62	298143	16.658	ug/l	98
43) Isopropyl Acetate	6.41	43	535054	16.003	ug/l	99
44) Trichloroethene	7.18	130	221120	18.196	ug/l	96
45) 1,2-Dichloropropane	7.49	63	204107	16.745	ug/l	99
46) Dibromomethane	7.64	93	136989	17.133	ug/l	94
47) Bromodichloromethane	7.87	83	287987	16.903	ug/l	99
48) Methyl methacrylate	7.75	41	259287	15.526	ug/l	95
49) 1,4-Dioxane	7.72	88	101084	324.465	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1578814	83.324	ug/l	100
52) Toluene	8.76	92	490835	17.868	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	322954	16.162	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	344302	16.915	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	205391	18.249	ug/l	96
56) Ethyl methacrylate	9.16	69	324681	16.369	ug/l	96
57) 1,3-Dichloropropane	9.36	76	346527	17.089	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	716881	74.304	ug/l	98
59) 2-Hexanone	9.47	43	1182734	82.678	ug/l	99
60) Dibromochloromethane	9.56	129	231807	17.140	ug/l	99
61) 1,2-Dibromoethane	9.65	107	214517	17.529	ug/l	100
64) Tetrachloroethene	9.32	164	199425	17.654	ug/l	95
65) Chlorobenzene	10.12	112	540356	18.102	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	211183	17.708	ug/l	99
67) Ethyl Benzene	10.24	91	947571	17.898	ug/l	100
68) m/p-Xylenes	10.34	106	724604	36.755	ug/l	98
69) o-Xylene	10.68	106	348796	17.904	ug/l	98
70) Styrene	10.70	104	612706	17.873	ug/l	98
71) Bromoform	10.84	173	185692	17.104	ug/l #	99
73) Isopropylbenzene	11.00	105	955111	18.090	ug/l	100
74) N-amyl acetate	10.88	43	454760	15.487	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	307906	16.996	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	275897m	16.650	ug/l	
77) Bromobenzene	11.24	156	257395	18.277	ug/l	94
78) n-propylbenzene	11.34	91	1088361	18.028	ug/l	99
79) 2-Chlorotoluene	11.40	91	652960	17.646	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	814126	18.055	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	94987	13.754	ug/l	100
82) 4-Chlorotoluene	11.50	91	764044	17.613	ug/l	99
83) tert-Butylbenzene	11.76	119	828108	18.802	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	819017	17.824	ug/l	99
85) sec-Butylbenzene	11.93	105	938588	18.426	ug/l	99
86) p-Isopropyltoluene	12.05	119	888366	18.786	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	450656	17.875	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	463987	18.068	ug/l	99
89) n-Butylbenzene	12.37	91	778389	18.215	ug/l	99
90) Hexachloroethane	12.58	117	147270	16.001	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	456696	18.510	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	69914	13.673	ug/l	91

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS01

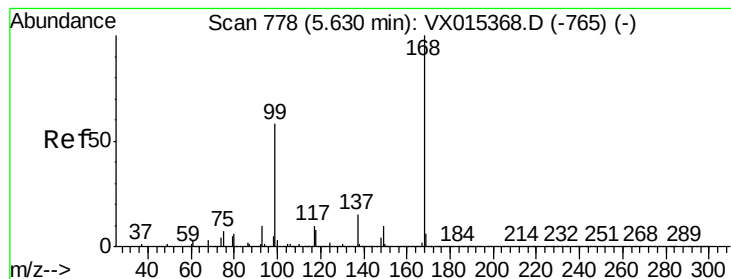
Manual Integrations
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Quant Time: Apr 20 15:12:49 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	353746	18.126	ug/l	98
94) Hexachlorobutadiene	13.77	225	162606	17.500	ug/l	96
95) Naphthalene	13.82	128	1043945	17.536	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	344762	18.348	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015760.D

Acq: 20 Apr 2020 13:06

Instrument :

MSVOA_X

ClientSampled :

VX0420WBS01

Tot Ion:168 Resp: 1126383

Ion Ratio Lower Upper

168 100

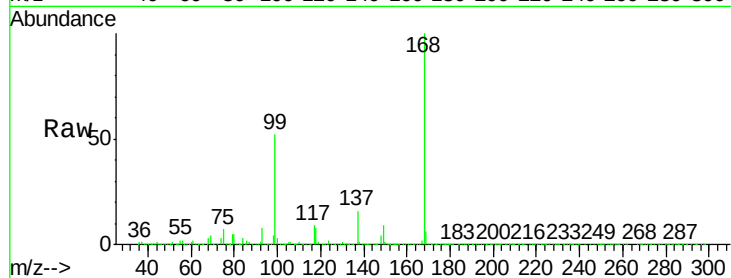
99 51.7 46.4 69.6

Manual Integrations

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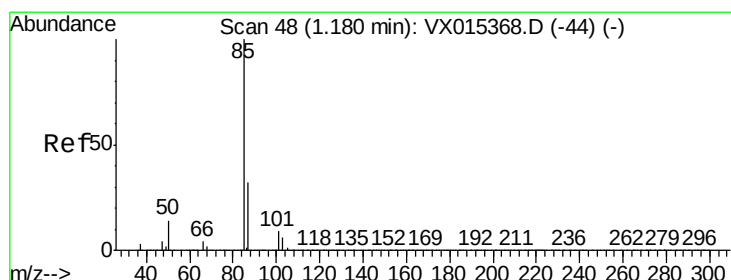
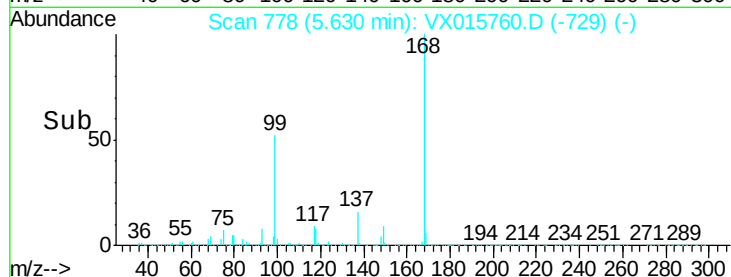
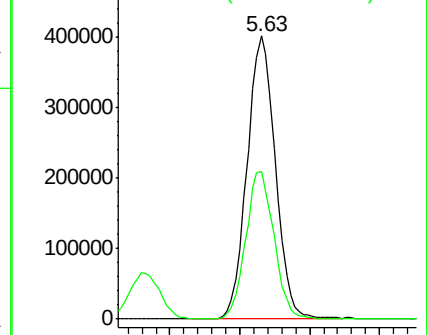
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 14.166 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015760.D

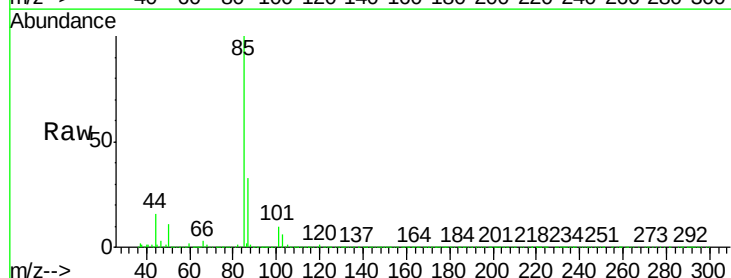
Acq: 20 Apr 2020 13:06

Tgt Ion: 85 Resp: 140579

Ion Ratio Lower Upper

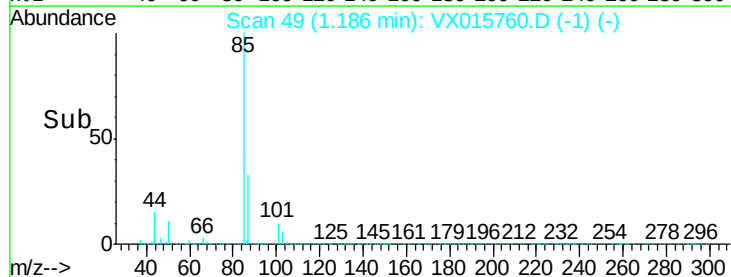
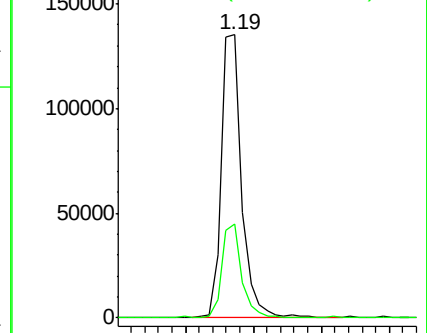
85 100

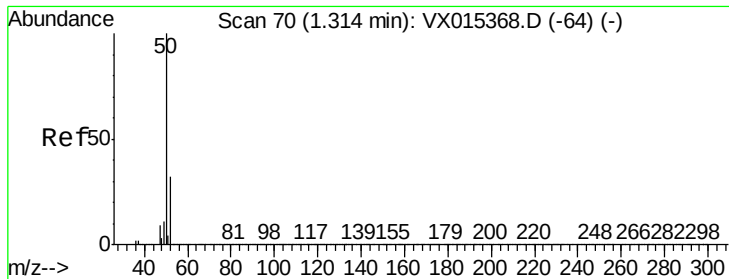
87 32.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 11.242 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015760.D

Acq: 20 Apr 2020 13:06

Instrument :

MSVOA_X

ClientSampled :

VX0420WBS01

Tot Ion: 50 Resp: 142068

Ion Ratio Lower Upper

50 100

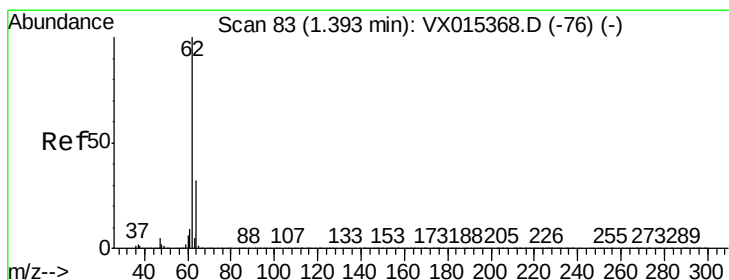
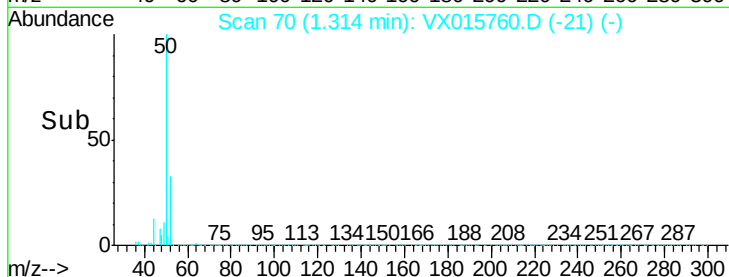
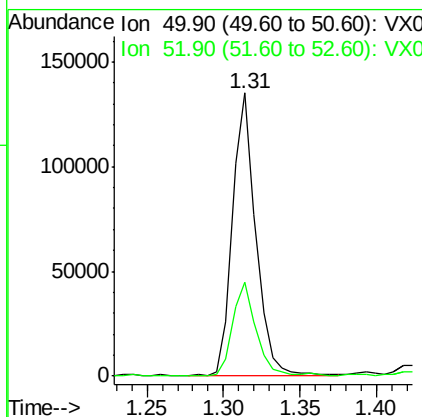
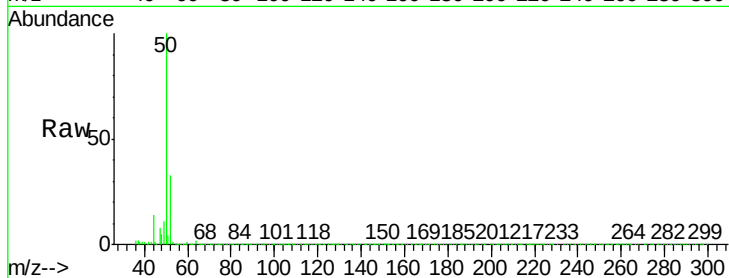
52 33.2 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 15.235 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015760.D

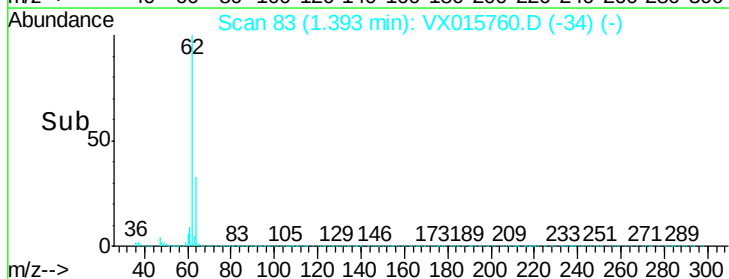
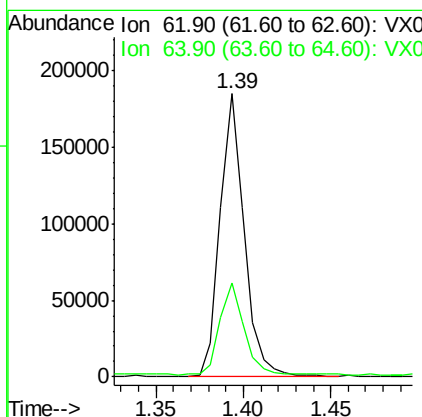
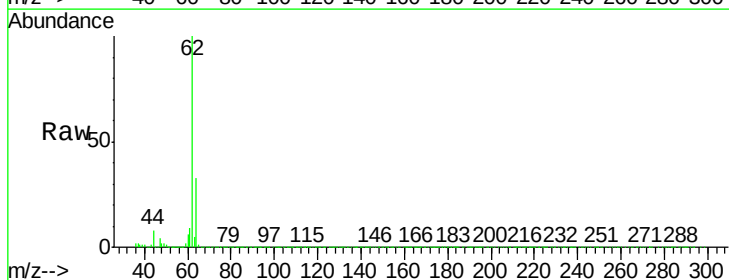
Acq: 20 Apr 2020 13:06

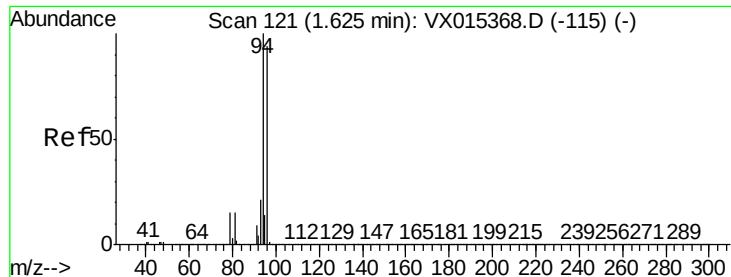
Tgt Ion: 62 Resp: 176790

Ion Ratio Lower Upper

62 100

64 32.5 26.0 39.0





#5

Bromomethane

Concen: 7.889 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015760.D

Acq: 20 Apr 2020 13:06

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBS01

Tot Ion: 94 Resp: 78634

Ion Ratio Lower Upper

94 100

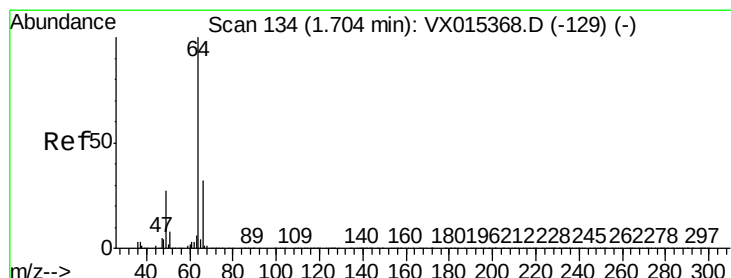
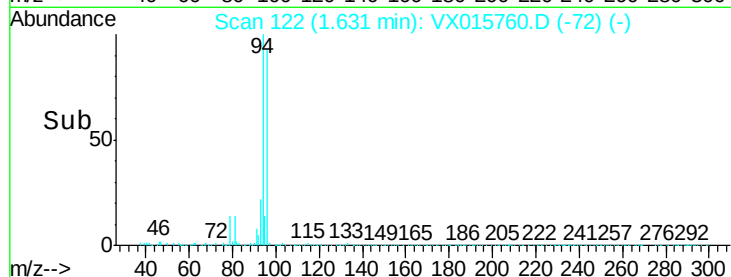
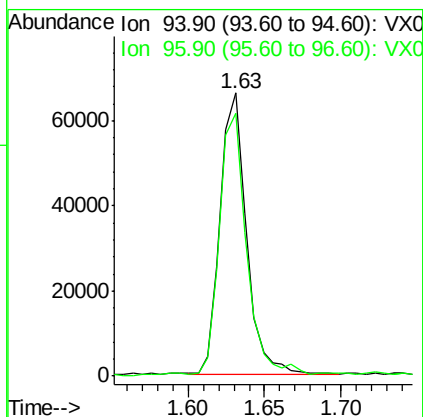
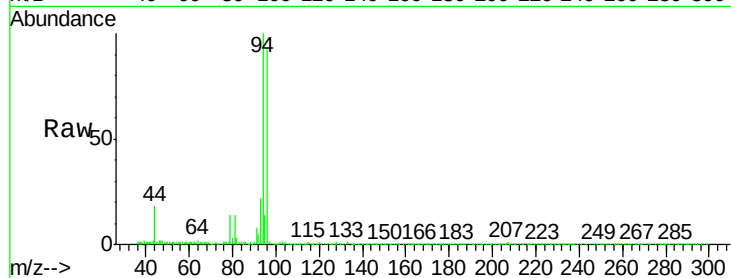
96 93.0 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 15.739 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015760.D

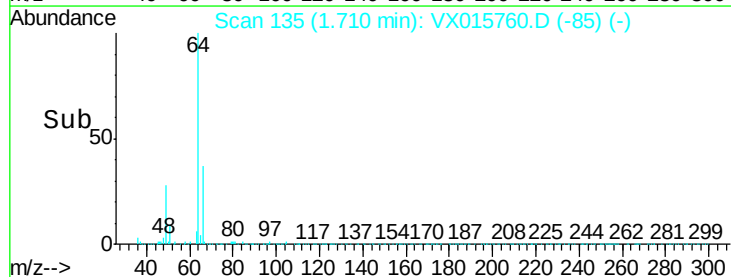
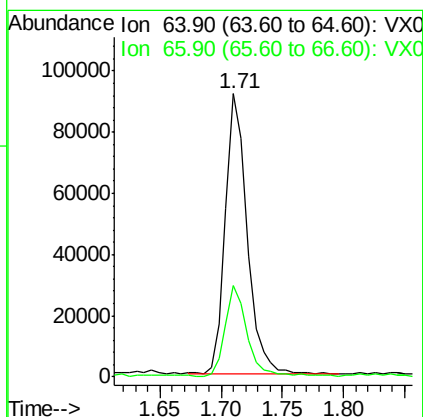
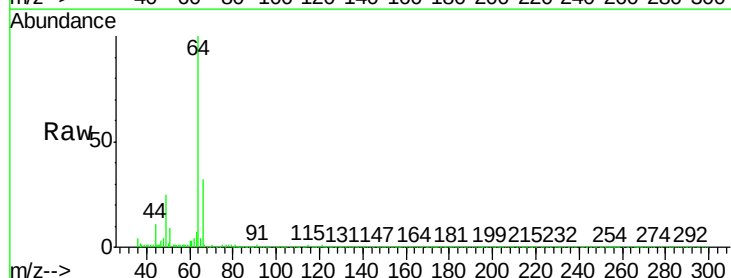
Acq: 20 Apr 2020 13:06

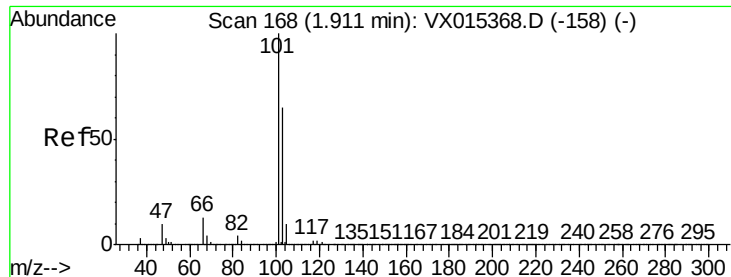
Tgt Ion: 64 Resp: 113272

Ion Ratio Lower Upper

64 100

66 32.0 25.4 38.2





#7

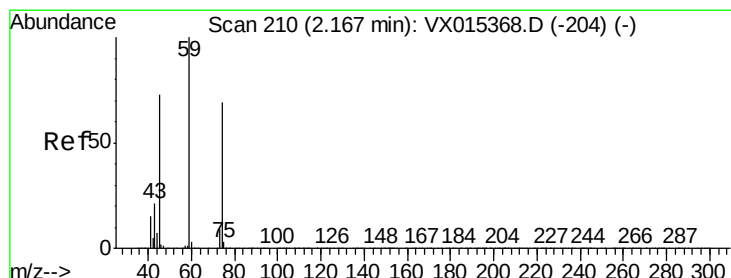
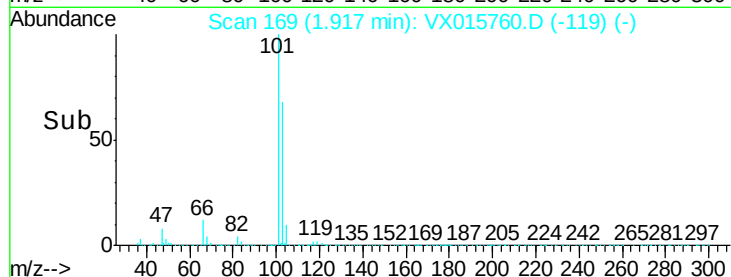
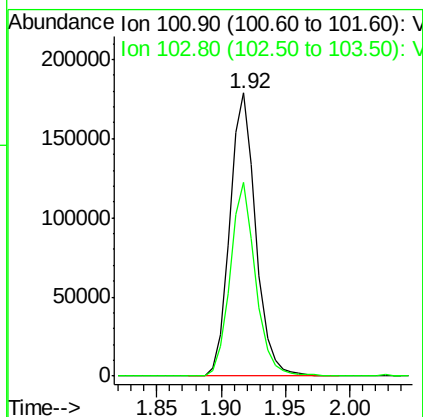
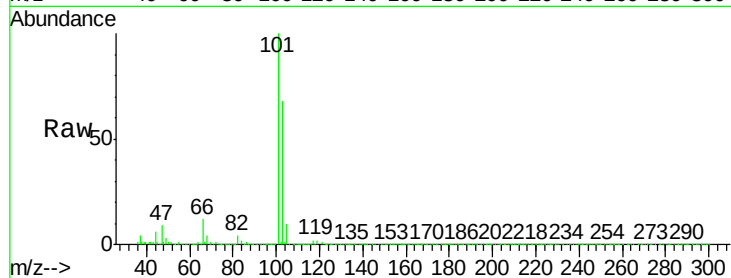
Trichlorofluoromethane
Concen: 16.144 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015760.D
Acq: 20 Apr 2020 13:06

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MSVOA_X
ClientSampleId :
VX0420WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	68.3	52.3	78.5

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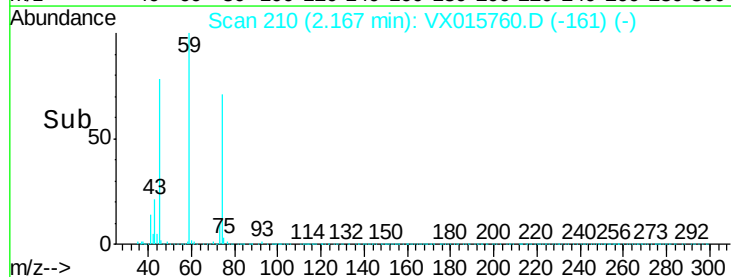
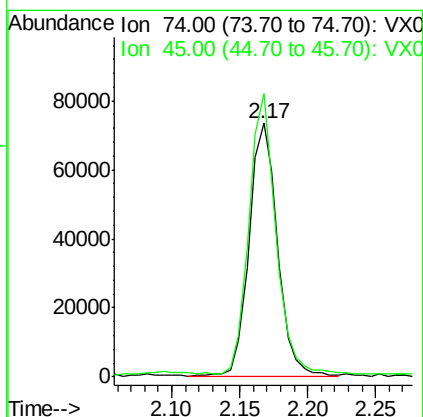
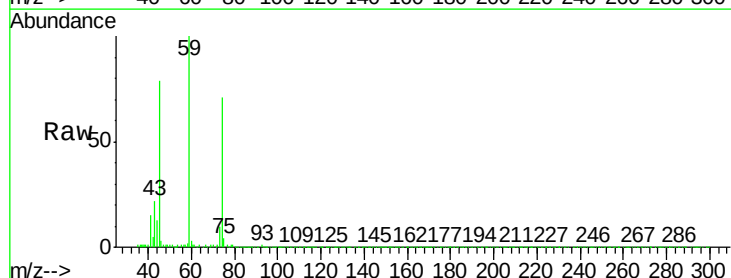
MMDadoda
4/21/2020 12:12:33 PM

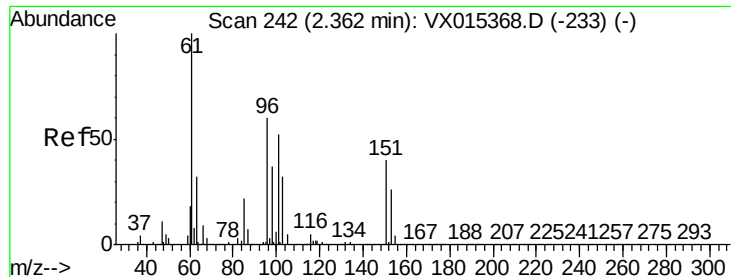


#8

Diethyl Ether
Concen: 16.443 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015760.D
Acq: 20 Apr 2020 13:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.1	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.460 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015760.D

Acq: 20 Apr 2020 13:06

Instrument :

MSVOA_X

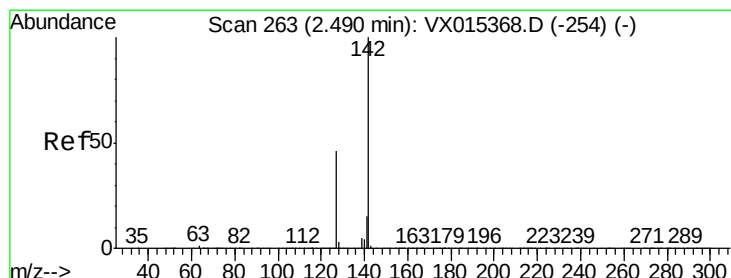
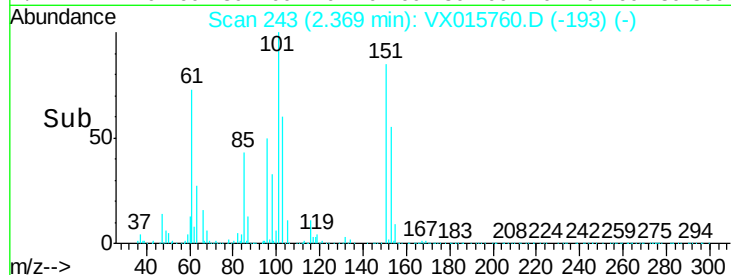
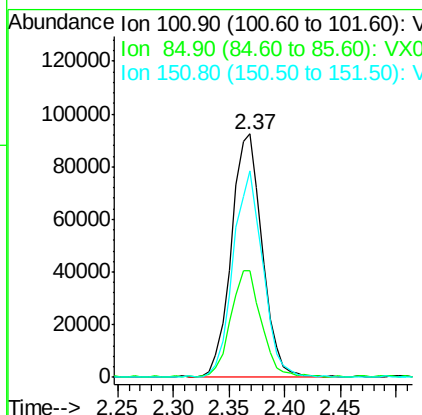
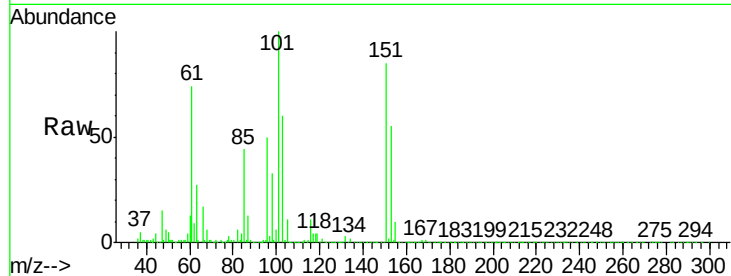
ClientSampleId :

VX0420WBS01

Tot Ion:	101	Resp:	177136
Ion Ratio	Lower	Upper	
101	100		
85	44.4	35.0	52.4
151	81.5	64.1	96.1

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#10

Methyl Iodide

Concen: 5.551 ug/l

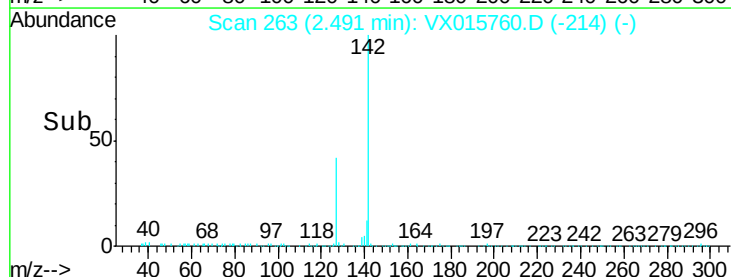
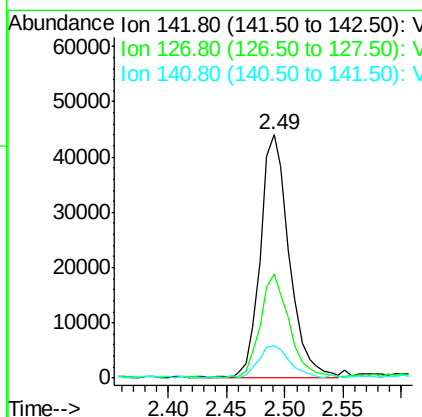
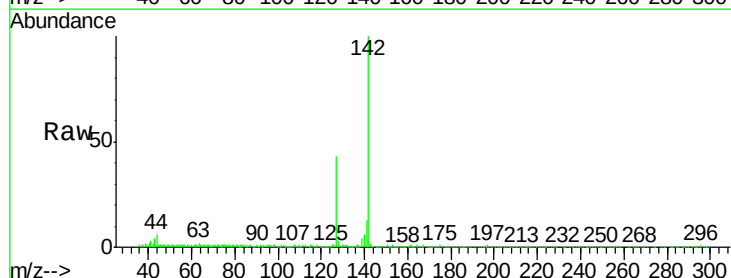
RT: 2.49 min Scan# 263

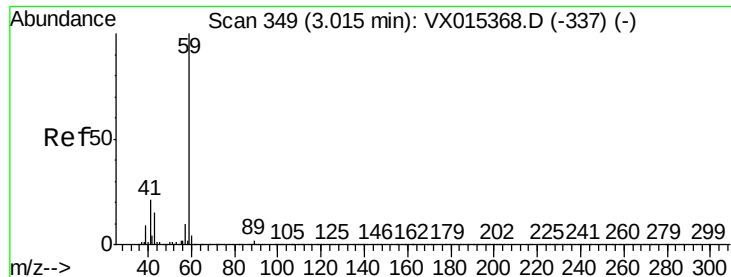
Delta R.T. 0.00 min

Lab File: VX015760.D

Acq: 20 Apr 2020 13:06

Tgt Ion:	142	Resp:	75932
Ion Ratio	Lower	Upper	
142	100		
127	42.5	35.9	53.9
141	15.2	11.6	17.4





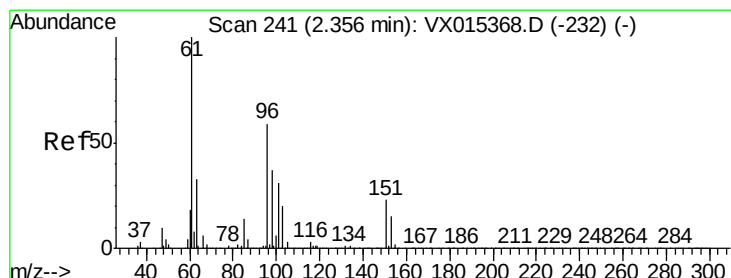
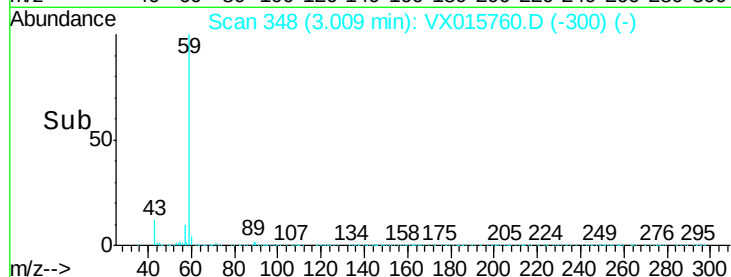
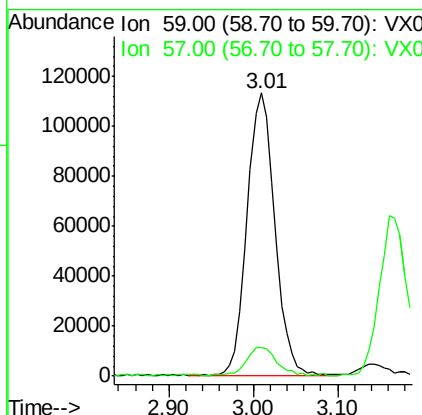
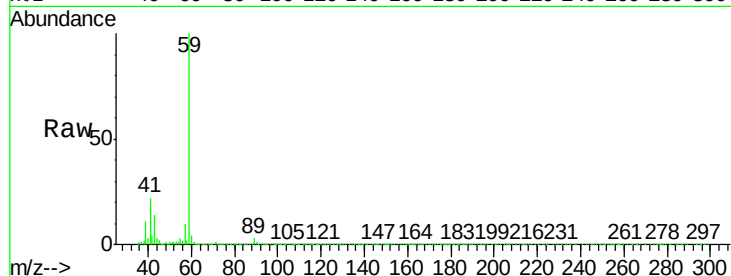
#11
Tert butyl alcohol
Concen: 66.367 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015760.D
Acq: 20 Apr 2020 13:06

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.1	12.1

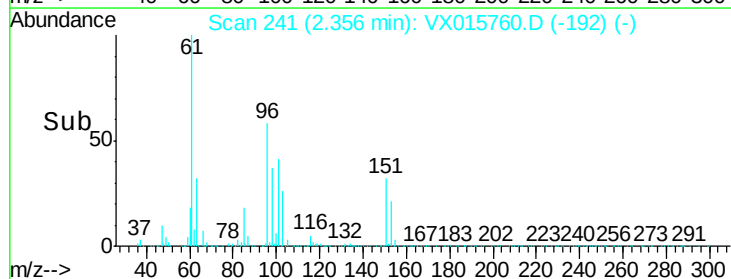
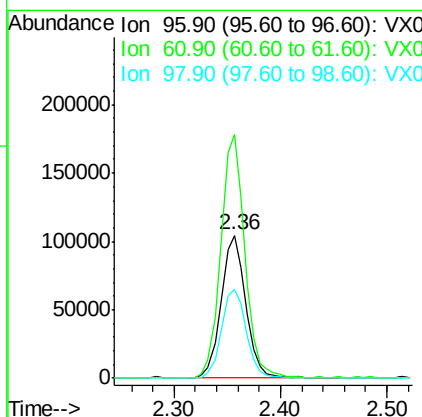
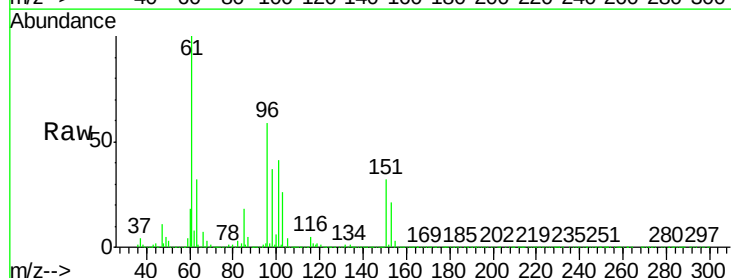
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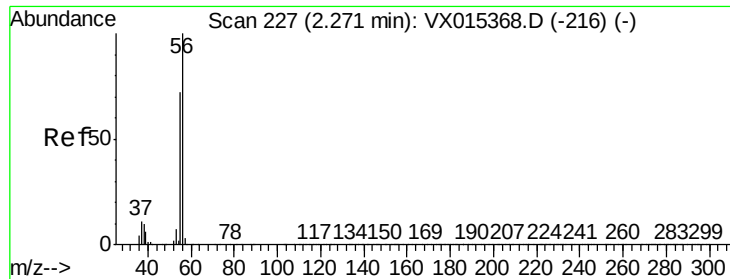
MMDadoda
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#12
1,1-Dichloroethene
Concen: 15.724 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015760.D
Acq: 20 Apr 2020 13:06

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.4	135.7	203.5
98	62.2	50.6	75.8





#13

Acrolein

Concen: 87.528 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015760.D

Acq: 20 Apr 2020 13:06

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBS01

Tot Ion: 56 Resp: 189593

Ion Ratio Lower Upper

56 100

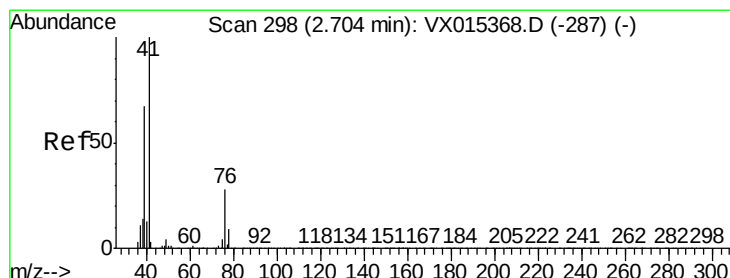
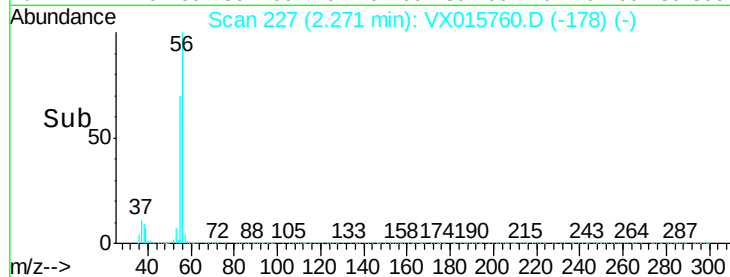
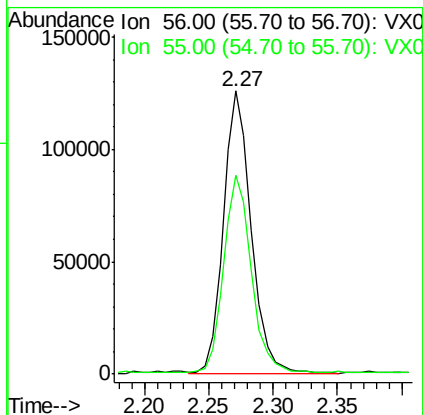
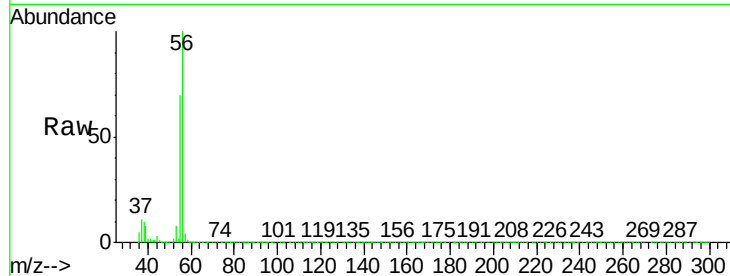
55 69.6 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 14.562 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015760.D

Acq: 20 Apr 2020 13:06

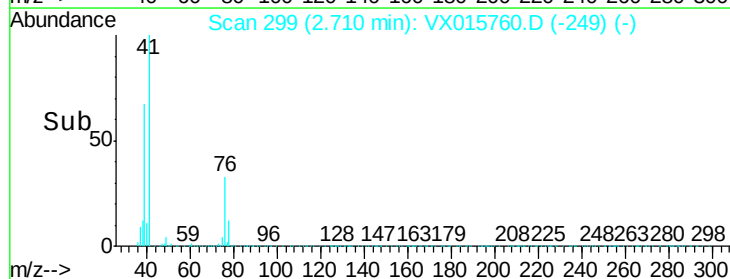
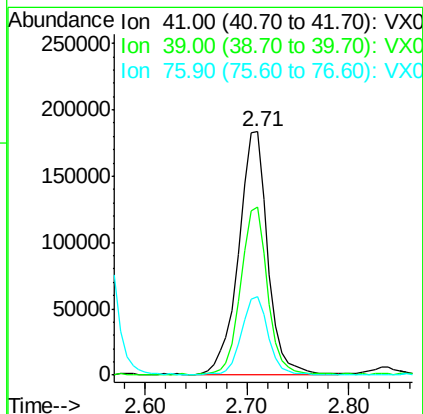
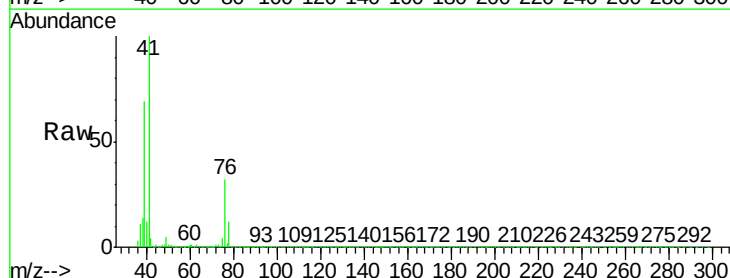
Tgt Ion: 41 Resp: 361822

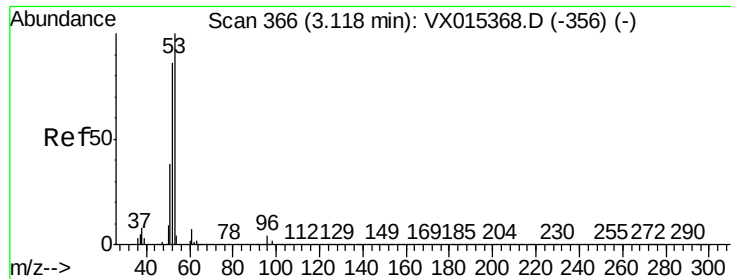
Ion Ratio Lower Upper

41 100

39 63.6 51.4 77.0

76 29.3 21.8 32.8





#15

Acrylonitrile

Concen: 76.357 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015760.D

Acq: 20 Apr 2020 13:06

Instrument :

MSVOA_X

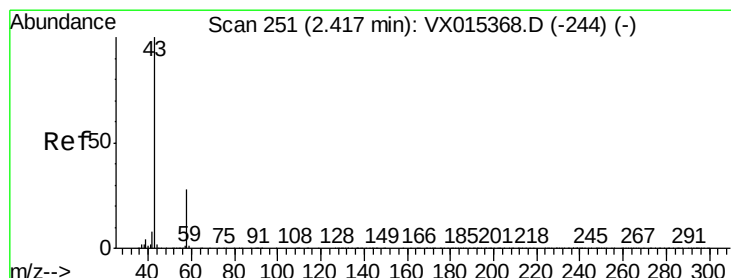
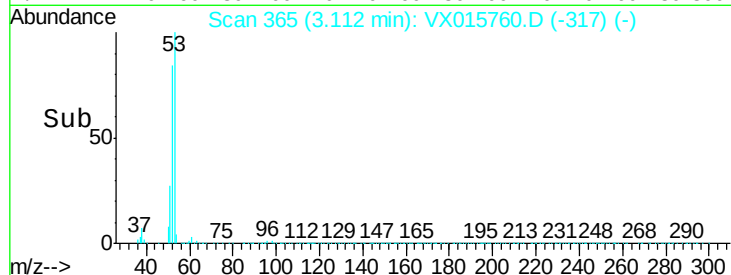
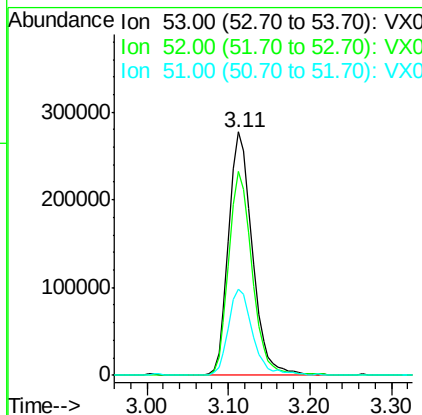
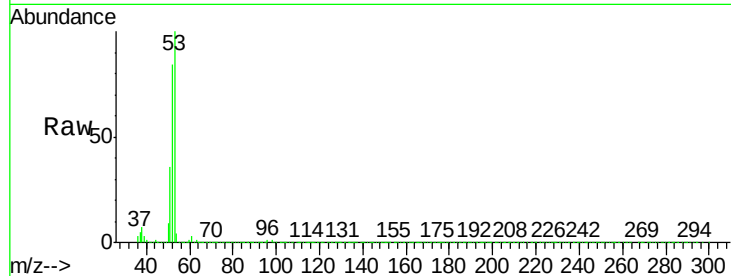
ClientSampleId :

VX0420WBS01

Tot Ion:	53	Resp:	553712
Ion Ratio	Lower	Upper	
53	100		
52	82.2	66.8	100.2
51	36.4	29.5	44.3

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#16

Acetone

Concen: 77.242 ug/l

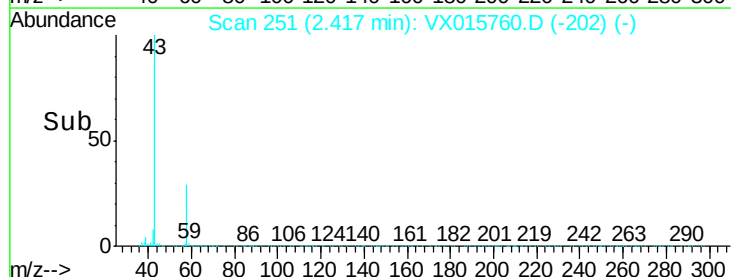
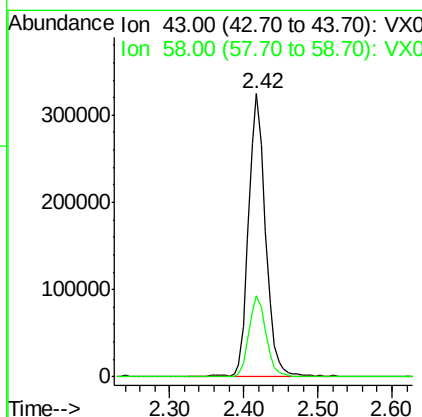
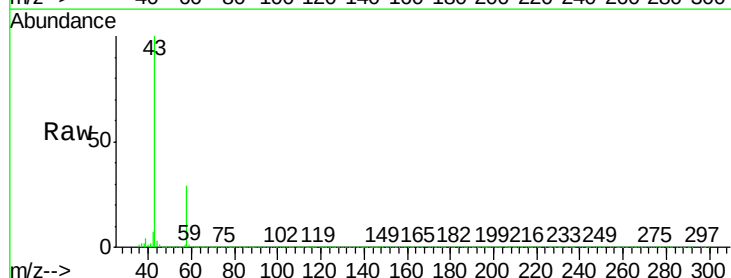
RT: 2.42 min Scan# 251

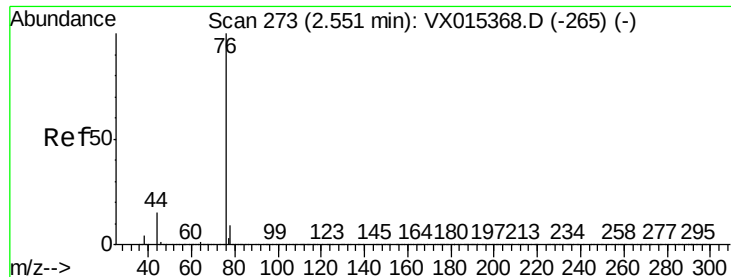
Delta R.T. 0.00 min

Lab File: VX015760.D

Acq: 20 Apr 2020 13:06

Tgt Ion:	43	Resp:	527188
Ion Ratio	Lower	Upper	
43	100		
58	28.6	22.1	33.1





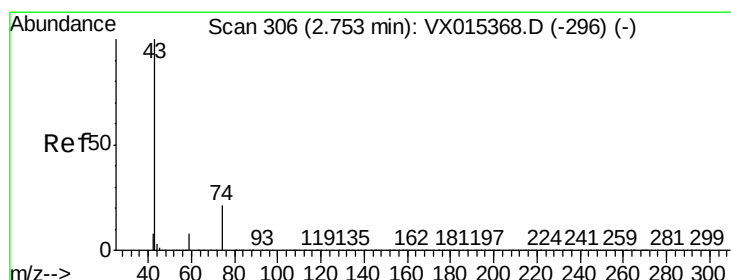
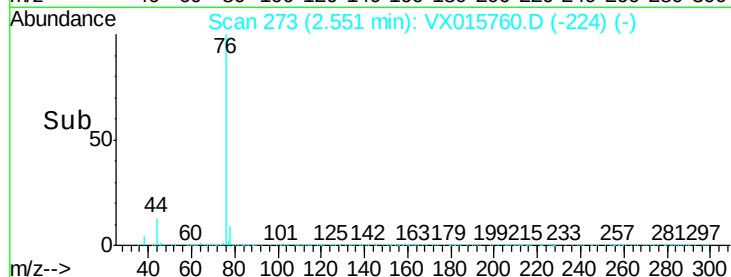
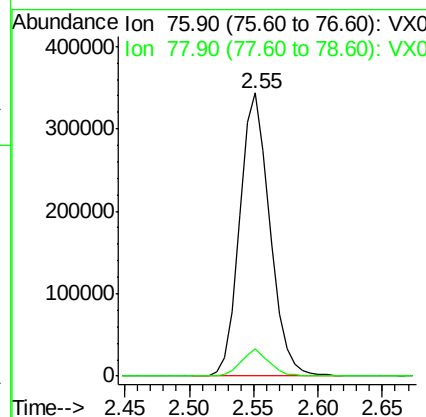
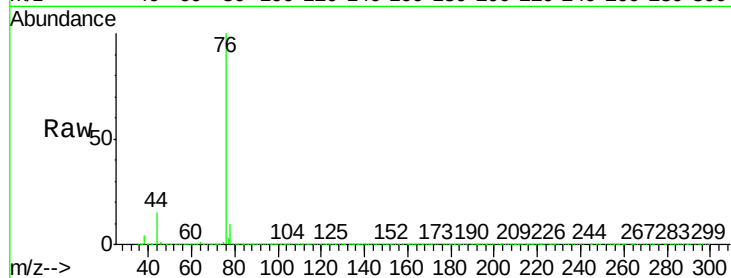
#17
Carbon Disulfide
Concen: 17.175 ug/l
RT: 2.55 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX015760.D
Acq: 20 Apr 2020 13:06

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.1	10.7

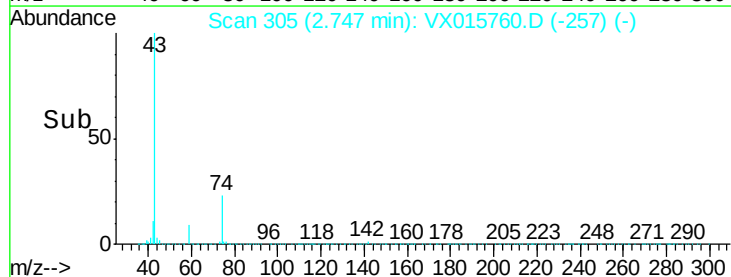
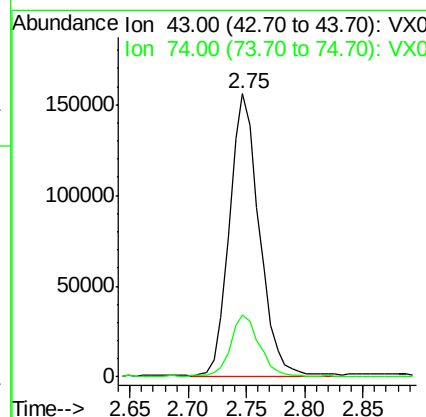
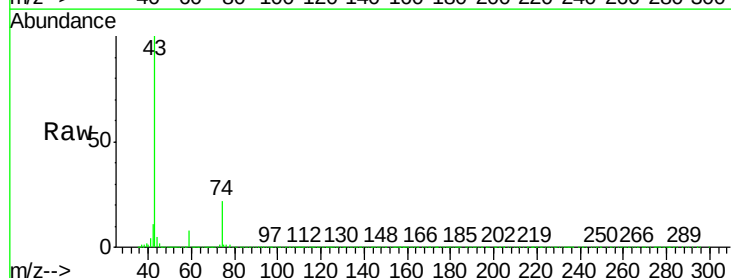
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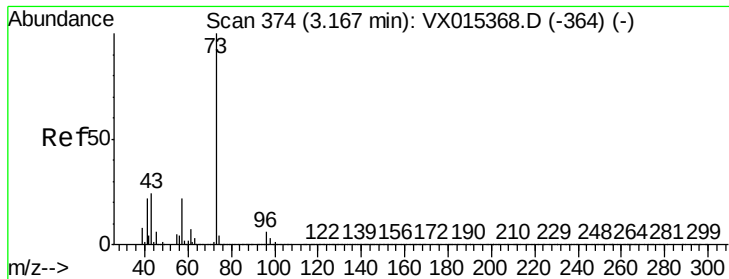
MMDadoda
4/21/2020 12:12:33 PM



#18
Methyl Acetate
Concen: 16.145 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015760.D
Acq: 20 Apr 2020 13:06

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.3	16.5	24.7





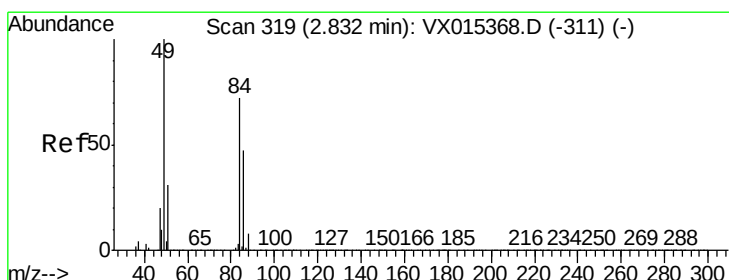
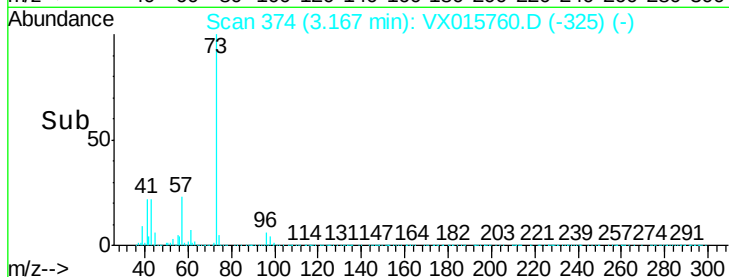
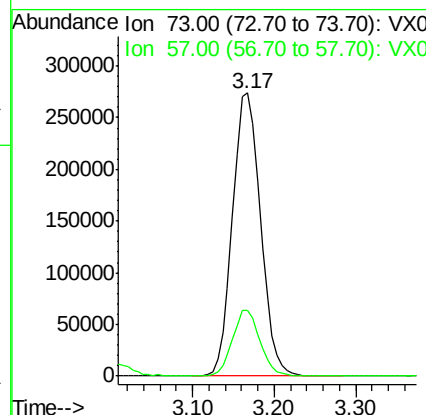
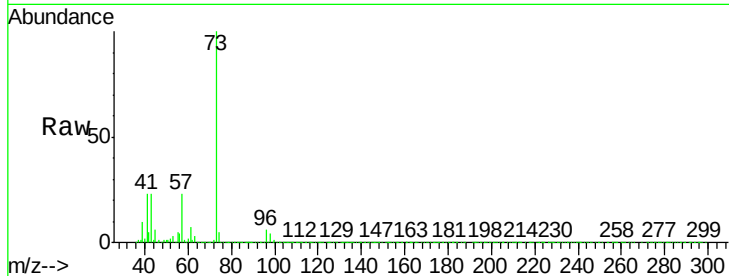
#19
Methyl tert-butyl Ether
Concen: 15.701 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015760.D
Acq: 20 Apr 2020 13:06

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.0	17.9	26.9

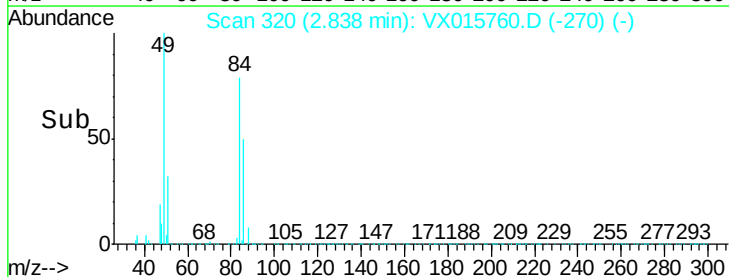
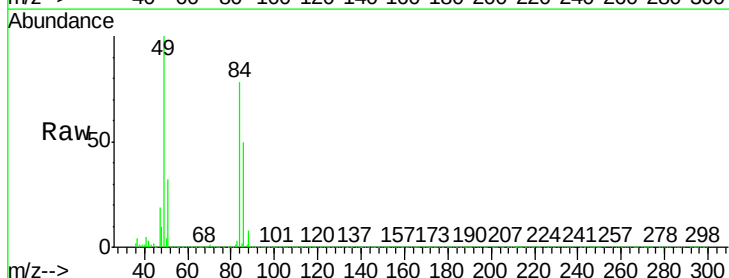
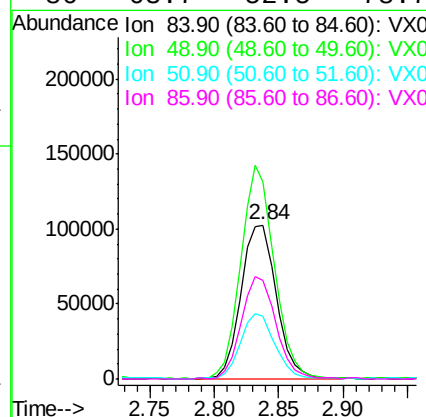
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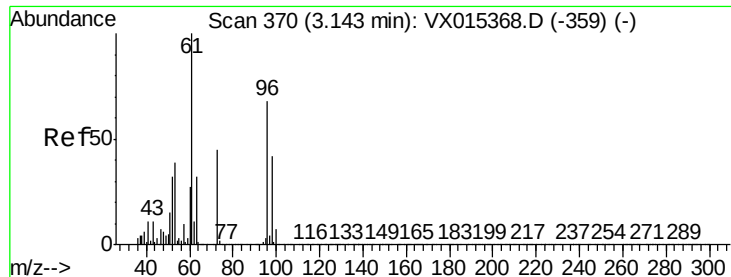
MMDadoda
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#20
Methylene Chloride
Concen: 15.398 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015760.D
Acq: 20 Apr 2020 13:06

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.1	111.3	166.9
51	40.2	34.0	51.0
86	63.7	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 15.513 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015760.D

Acq: 20 Apr 2020 13:06

Instrument :

MSVOA_X

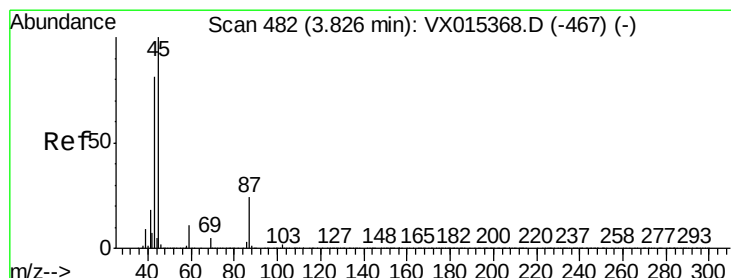
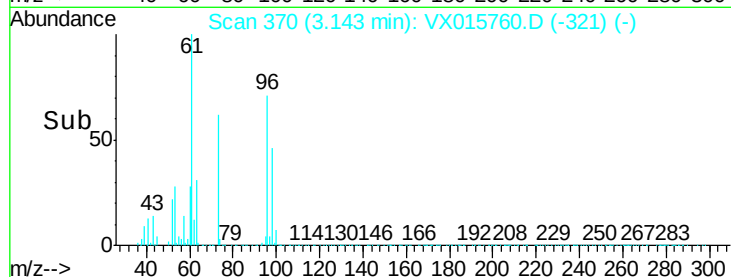
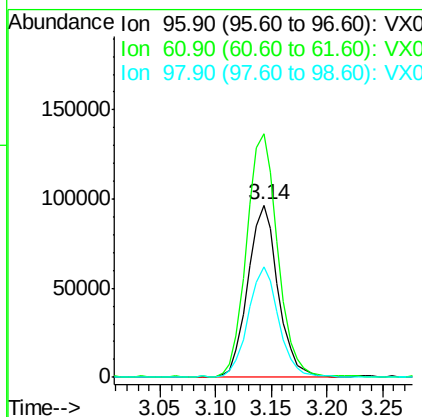
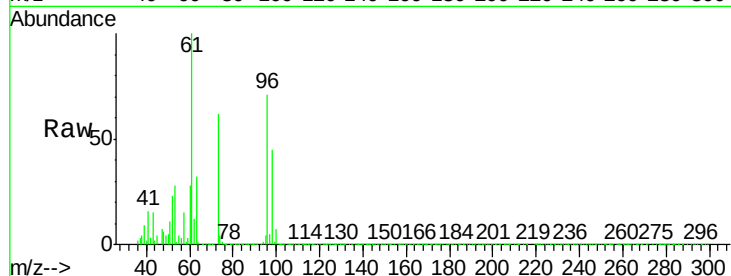
ClientSampleId :

VX0420WBS01

Tot Ion:	96	Resp:	183079
Ion Ratio	Lower	Upper	
96	100		
61	141.5	116.9	175.3
98	64.2	48.6	73.0

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#22

Diisopropyl ether

Concen: 16.404 ug/l

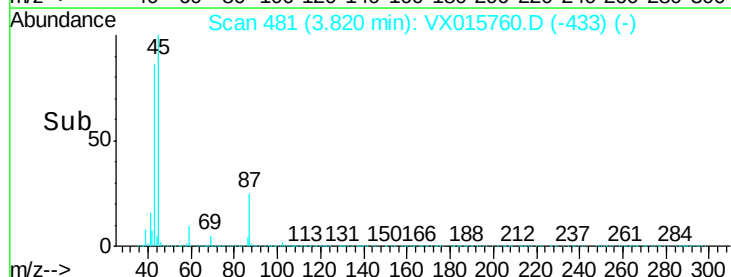
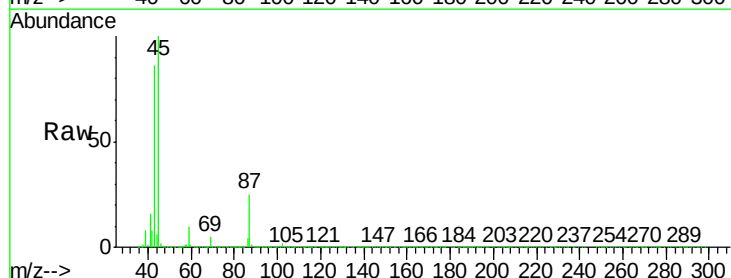
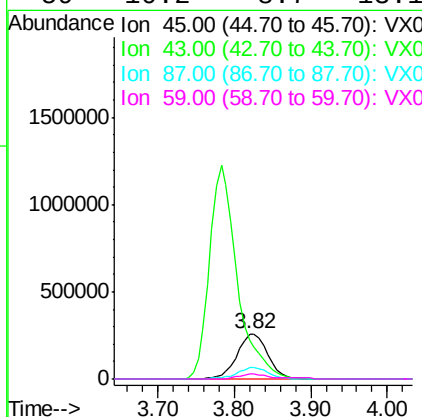
RT: 3.82 min Scan# 481

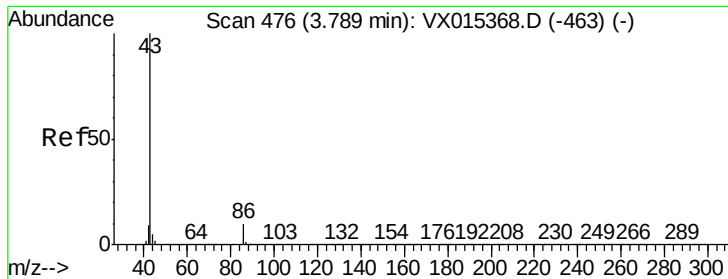
Delta R.T. -0.01 min

Lab File: VX015760.D

Acq: 20 Apr 2020 13:06

Tgt Ion:	45	Resp:	722269
Ion Ratio	Lower	Upper	
45	100		
43	85.1	64.7	97.1
87	24.6	19.4	29.0
59	10.2	8.7	13.1





#23

Vinyl Acetate

Concen: 77.905 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015760.D

Acq: 20 Apr 2020 13:06

Instrument :

MSVOA_X

ClientSampled :

VX0420WBS01

Tot Ion: 43 Resp: 3105678

Ion Ratio Lower Upper

43 100

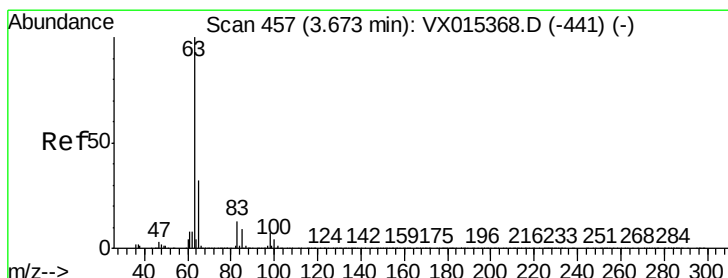
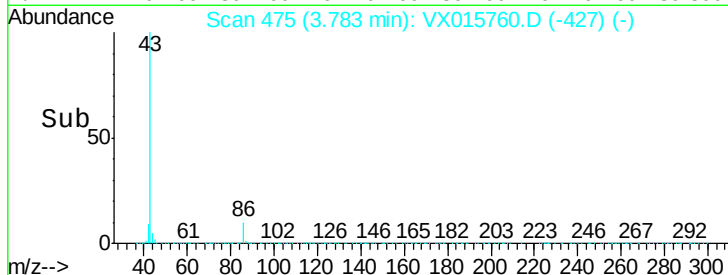
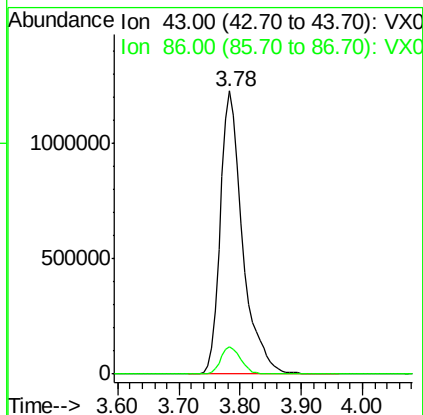
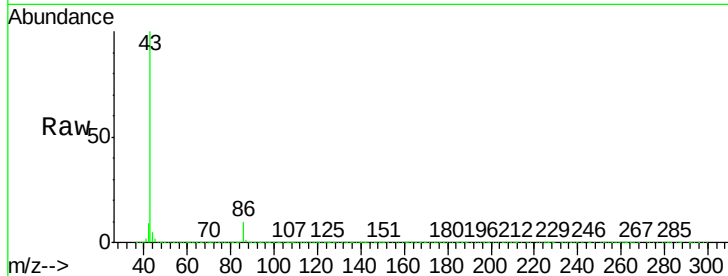
86 9.6 7.8 11.6

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#24

1,1-Dichloroethane

Concen: 15.479 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015760.D

Acq: 20 Apr 2020 13:06

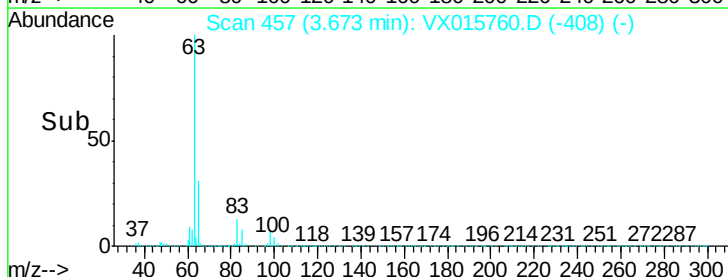
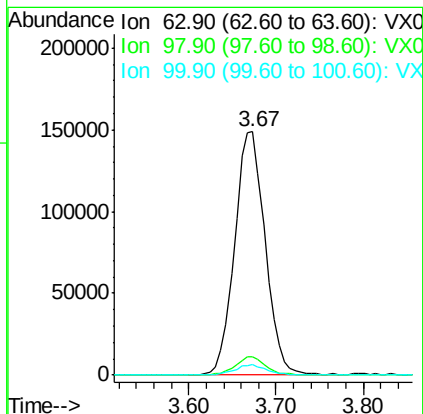
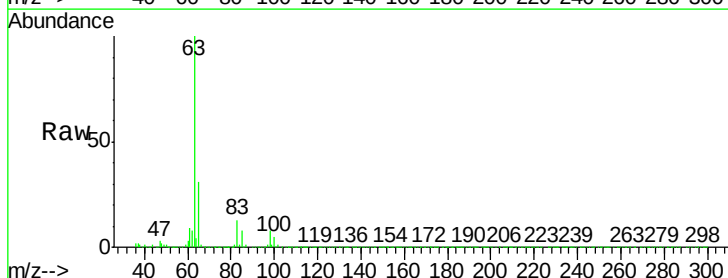
Tgt Ion: 63 Resp: 358830

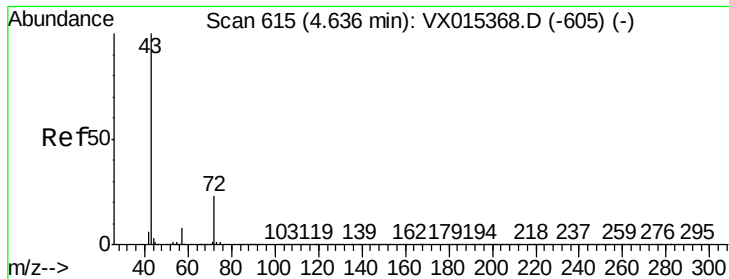
Ion Ratio Lower Upper

63 100

98 7.4 3.3 9.8

100 4.3 2.1 6.5





#25

2-Butanone

Concen: 73.239 ug/l

RT: 4.63 min Scan# 614

Delta R.T. -0.01 min

Lab File: VX015760.D

Acq: 20 Apr 2020 13:06

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBS01

Tot Ion: 43 Resp: 803889

Ion Ratio Lower Upper

43 100

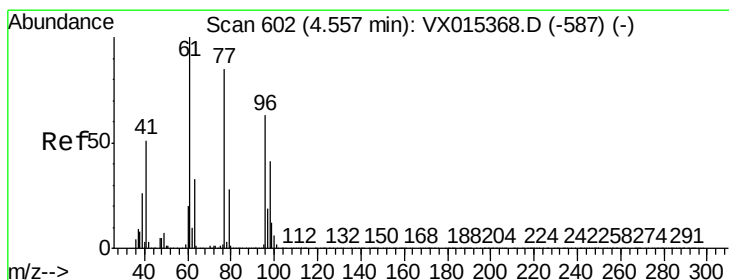
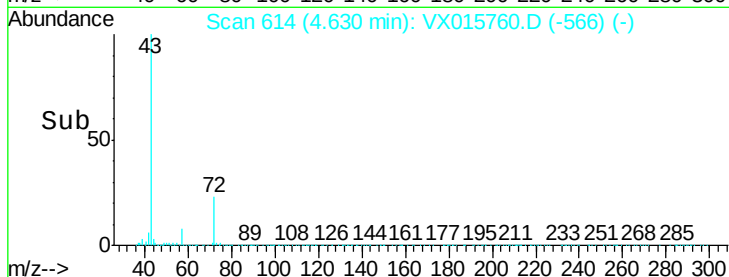
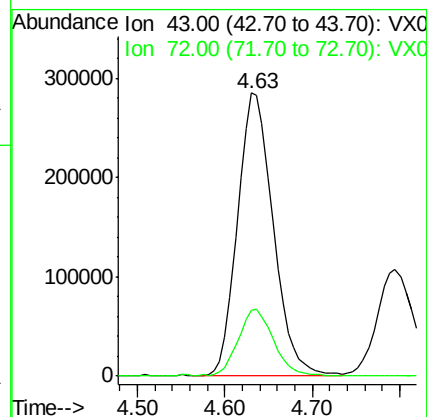
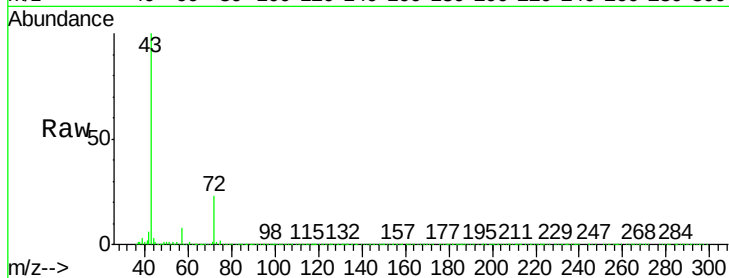
72 23.1 19.0 28.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 16.972 ug/l

RT: 4.55 min Scan# 600

Delta R.T. -0.01 min

Lab File: VX015760.D

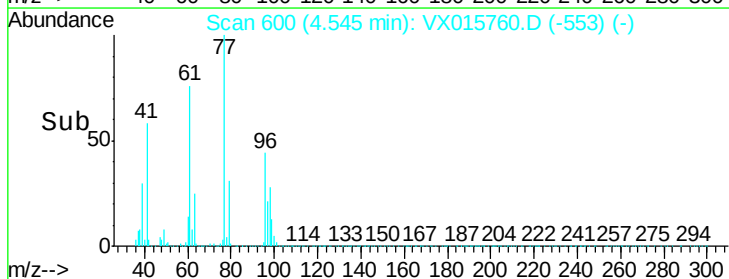
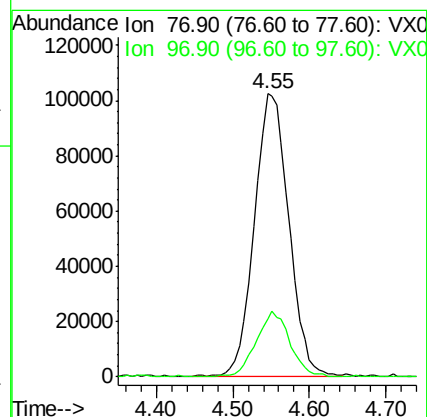
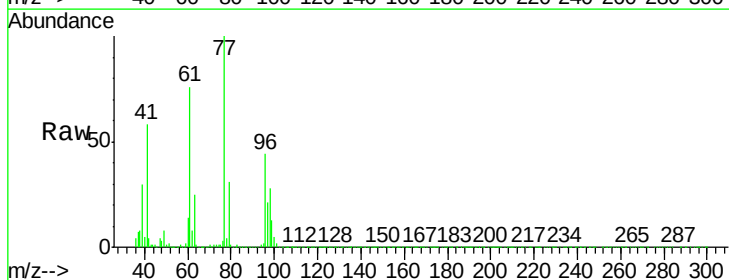
Acq: 20 Apr 2020 13:06

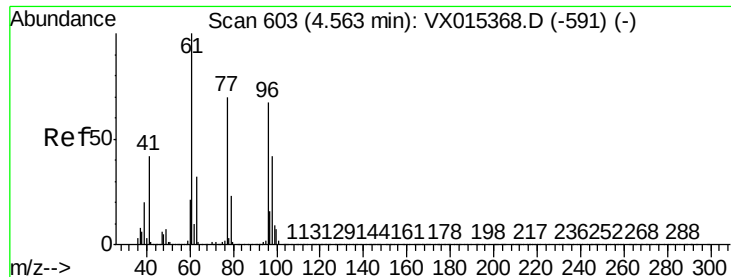
Tgt Ion: 77 Resp: 322951

Ion Ratio Lower Upper

77 100

97 22.4 11.3 33.8





#27

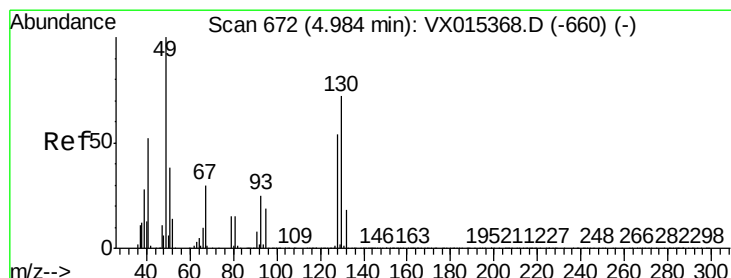
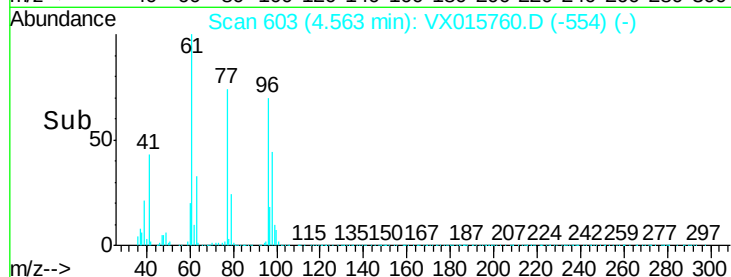
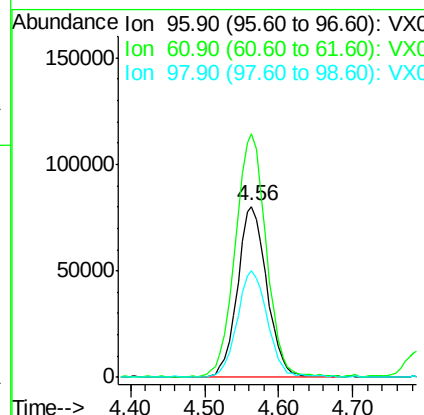
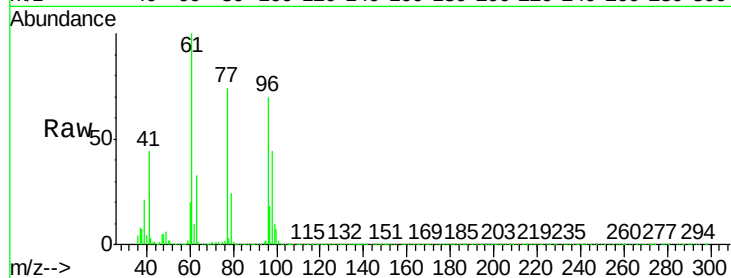
cis-1,2-Dichloroethene
Concen: 16.248 ug/l
RT: 4.56 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX015760.D
Acq: 20 Apr 2020 13:06

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	148.9	0.0	308.4	
98	63.8	0.0	129.2	

Manual Integrations
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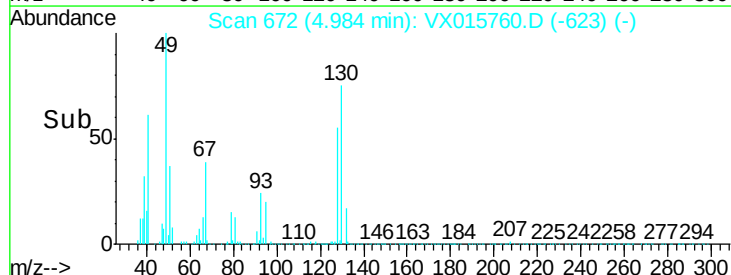
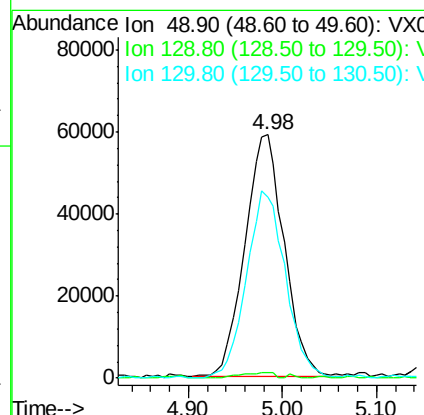
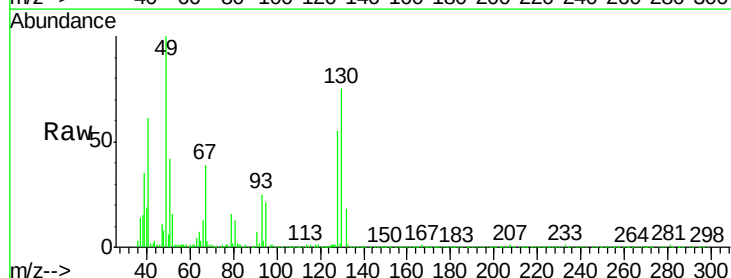
MMDadoda
4/21/2020 12:12:33 PM

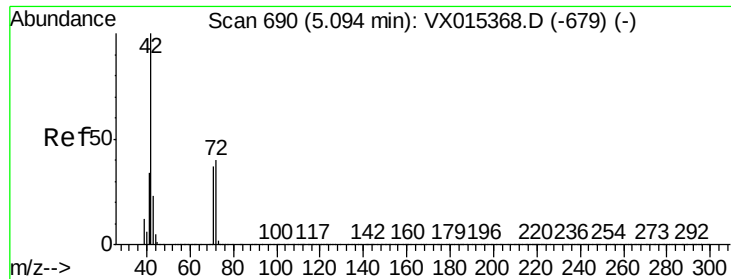


#28

Bromochloromethane
Concen: 15.583 ug/l
RT: 4.98 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX015760.D
Acq: 20 Apr 2020 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.0	0.0	4.4	
130	76.2	57.7	86.5	





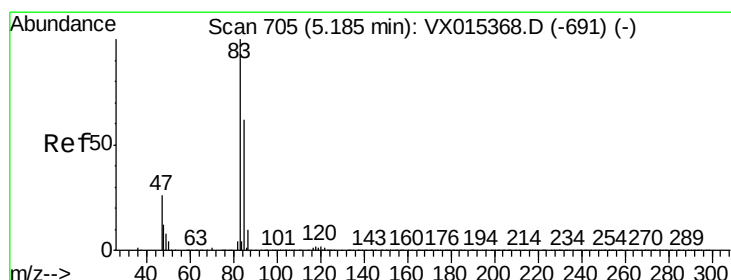
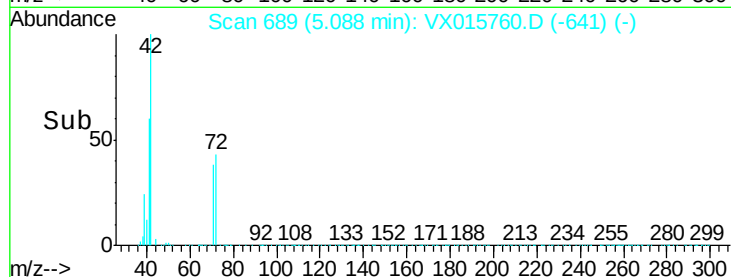
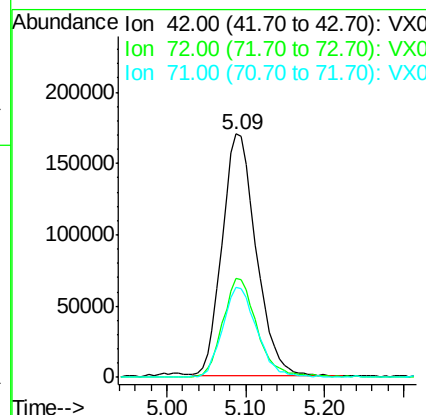
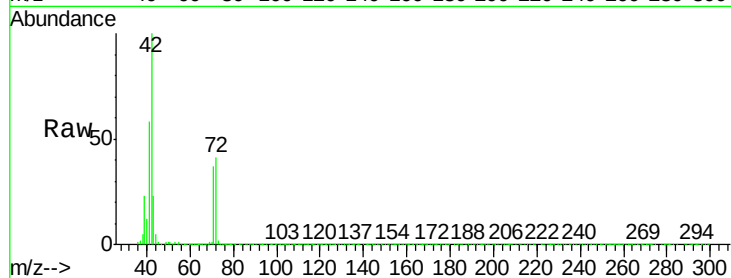
#29
Tetrahydrofuran
Concen: 72.645 ug/l
RT: 5.09 min Scan# 689
Delta R.T. -0.01 min
Lab File: VX015760.D
Acq: 20 Apr 2020 13:06

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.4	31.7	47.5
71	37.2	29.6	44.4

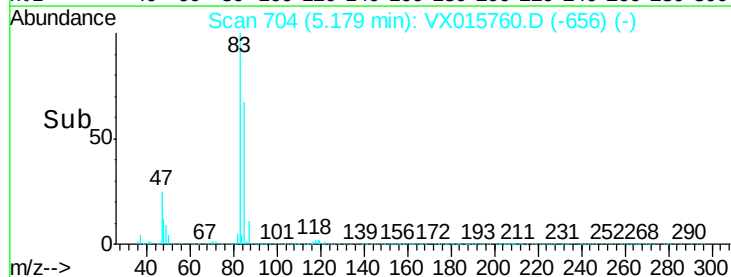
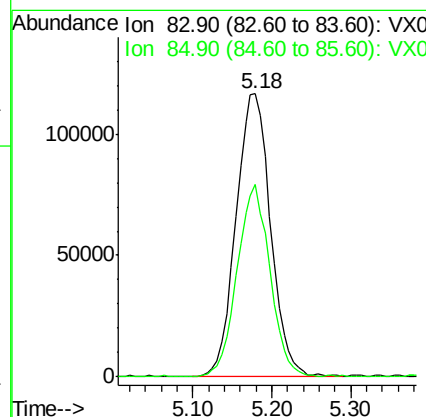
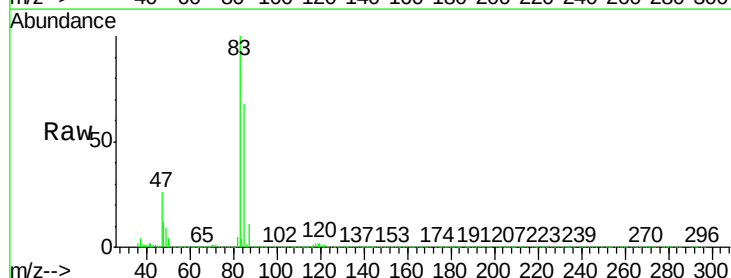
Manual Integrations
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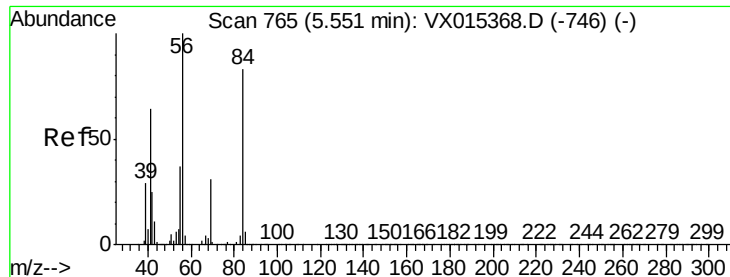
MMDadoda
4/21/2020 12:12:33 PM



#30
Chloroform
Concen: 15.973 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015760.D
Acq: 20 Apr 2020 13:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.9	49.5	74.3





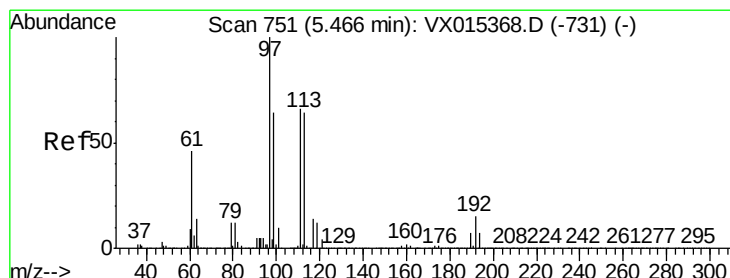
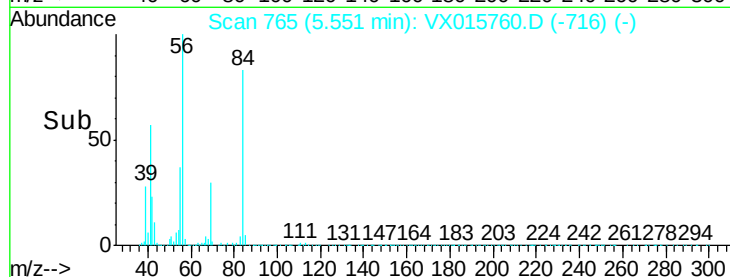
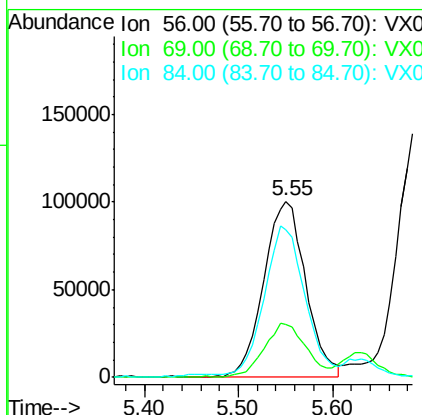
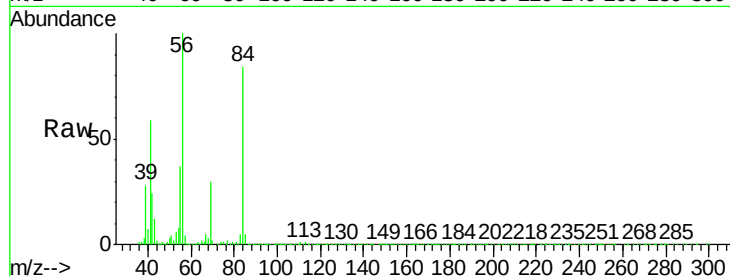
#31
Cyclohexane
Concen: 15.477 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015760.D
Acq: 20 Apr 2020 13:06

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.5	24.6	36.8
84	82.4	66.1	99.1

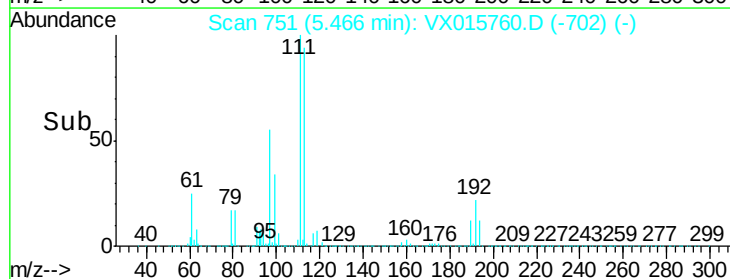
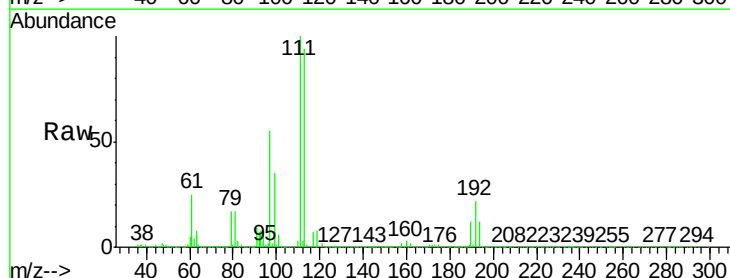
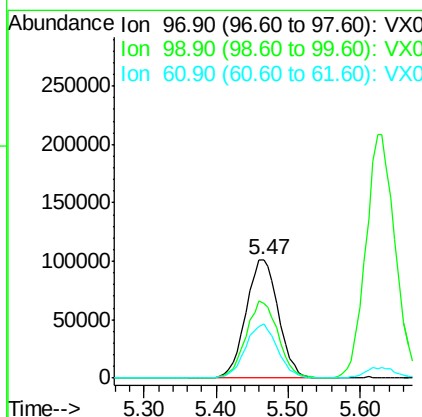
Manual Integrations
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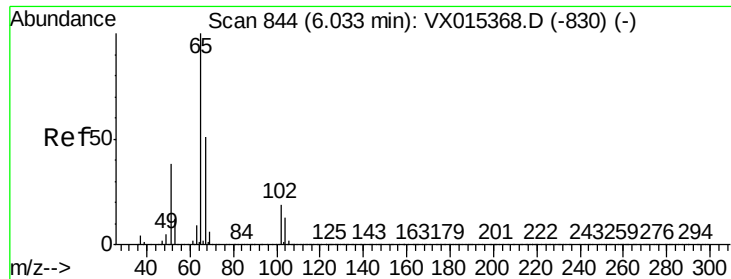
MMDadoda
4/21/2020 12:12:33 PM



#32
1,1,1-Trichloroethane
Concen: 15.728 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015760.D
Acq: 20 Apr 2020 13:06

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.0	76.4
61	44.4	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 41.525 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015760.D

Acq: 20 Apr 2020 13:06

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBS01

Tot Ion: 65 Resp: 659682

Ion Ratio Lower Upper

65 100

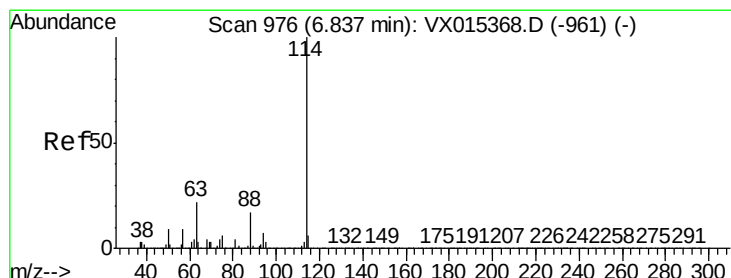
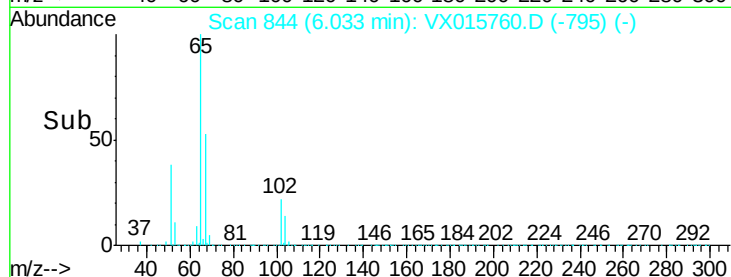
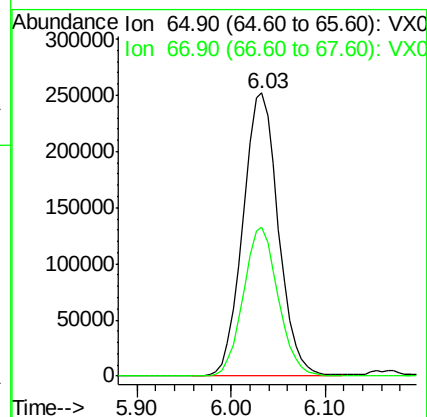
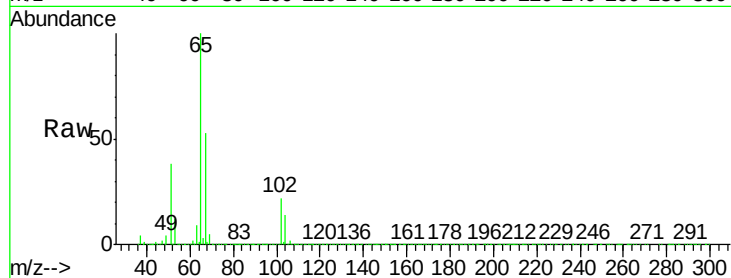
67 51.7 0.0 102.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015760.D

Acq: 20 Apr 2020 13:06

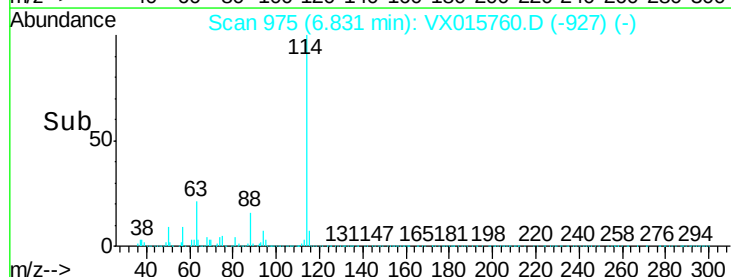
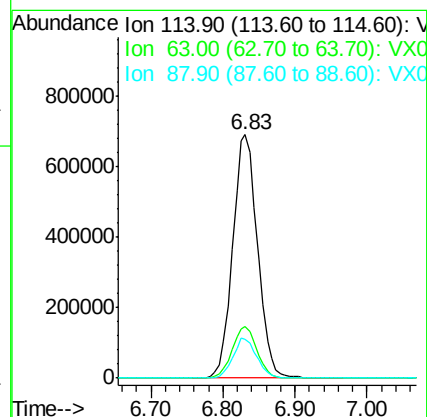
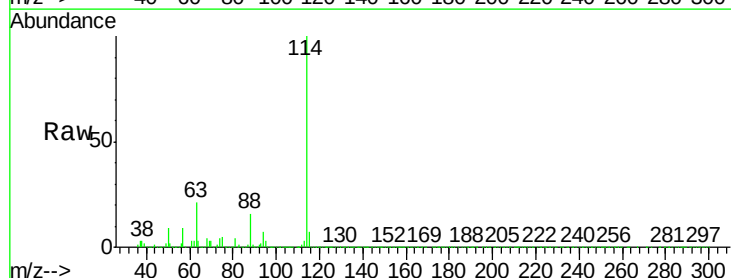
Tgt Ion: 114 Resp: 1650887

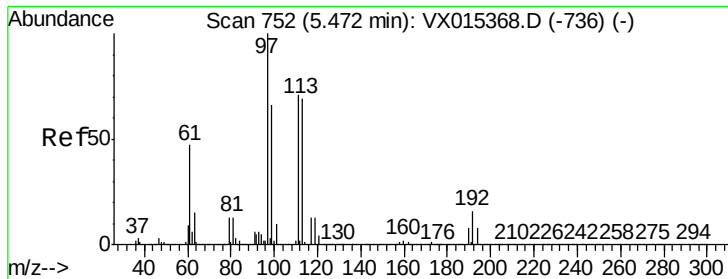
Ion Ratio Lower Upper

114 100

63 21.0 0.0 44.2

88 15.9 0.0 33.8





#35

Dibromofluoromethane

Concen: 48.973 ug/l

RT: 5.46 min Scan# 750

Delta R.T. -0.01 min

Lab File: VX015760.D

Acq: 20 Apr 2020 13:06

Instrument :

MSVOA_X

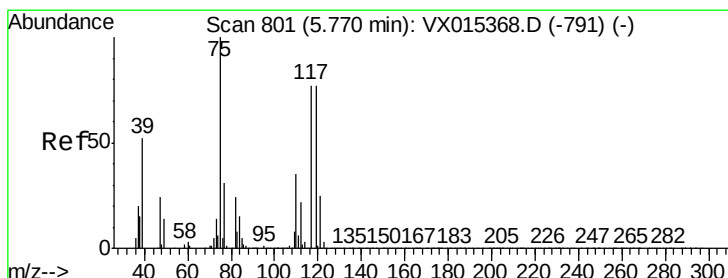
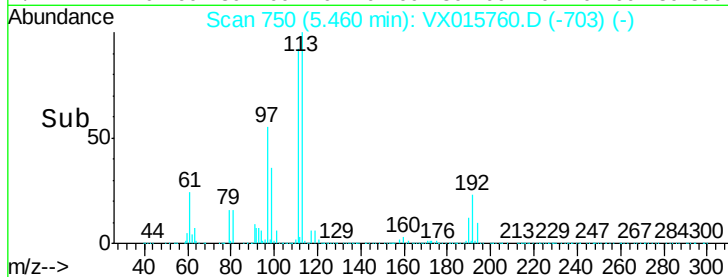
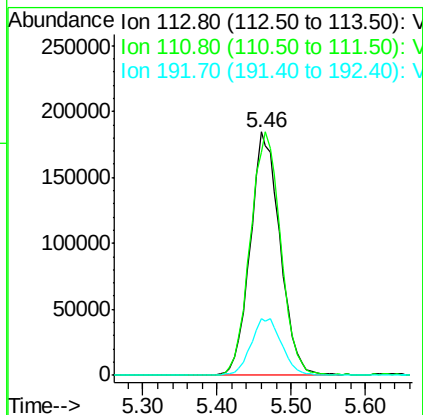
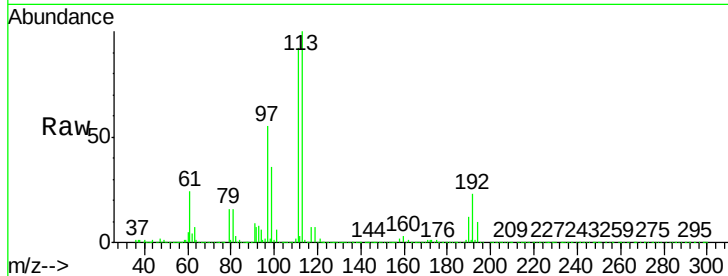
ClientSampleId :

VX0420WBS01

Tot Ion:	113	Resp:	516811
Ion Ratio	Lower	Upper	
113	100		
111	102.3	81.5	122.3
192	24.2	17.8	26.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 17.040 ug/l

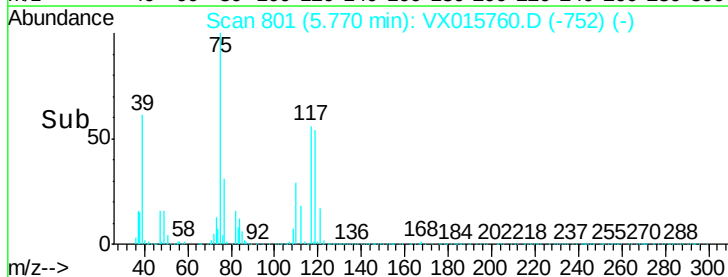
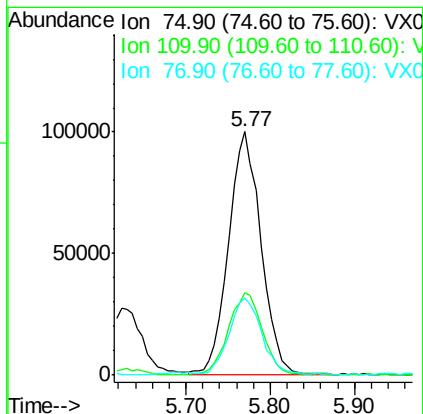
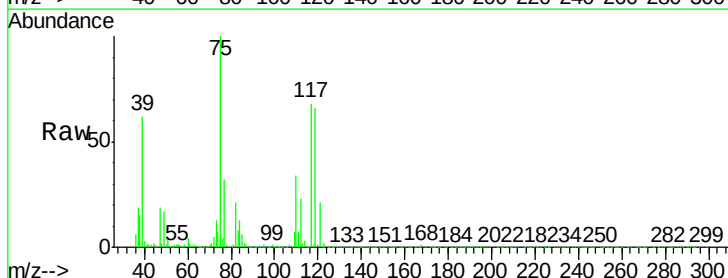
RT: 5.77 min Scan# 801

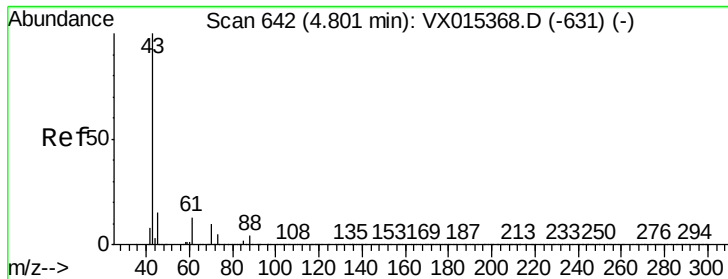
Delta R.T. 0.00 min

Lab File: VX015760.D

Acq: 20 Apr 2020 13:06

Tgt Ion:	75	Resp:	259201
Ion Ratio	Lower	Upper	
75	100		
110	35.2	17.1	51.3
77	31.6	24.6	36.8





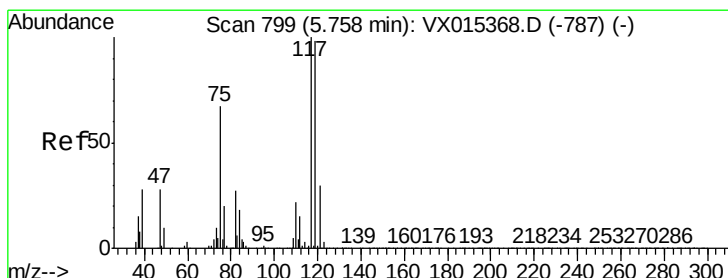
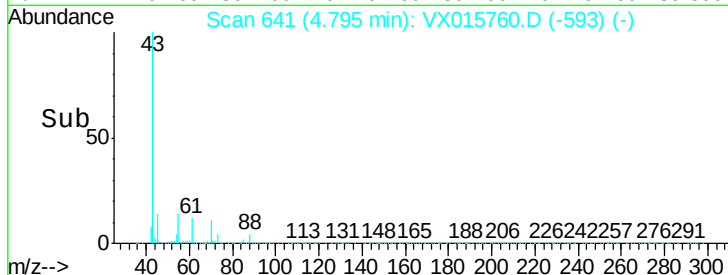
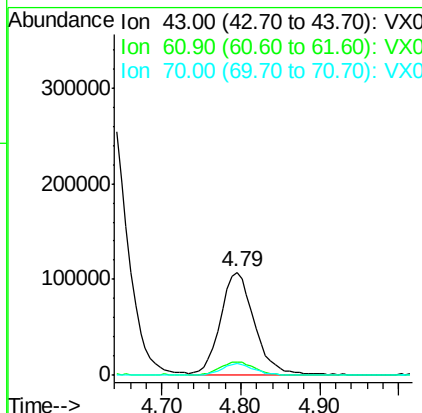
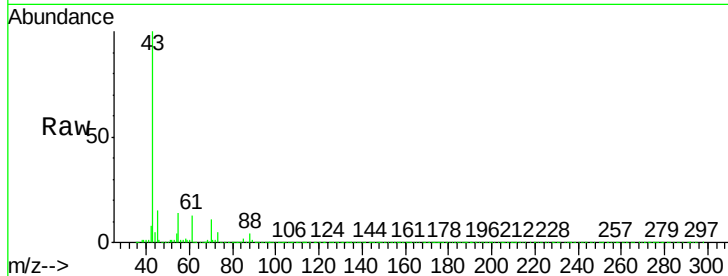
#37
Ethyl Acetate
Concen: 15.855 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015760.D
Acq: 20 Apr 2020 13:06

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	9.9	14.9
70	10.5	8.1	12.1

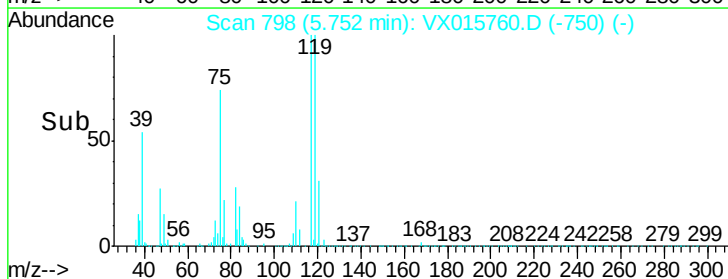
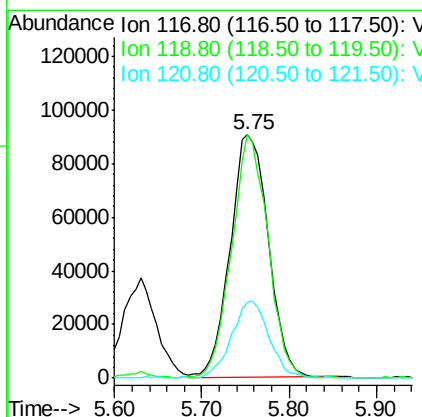
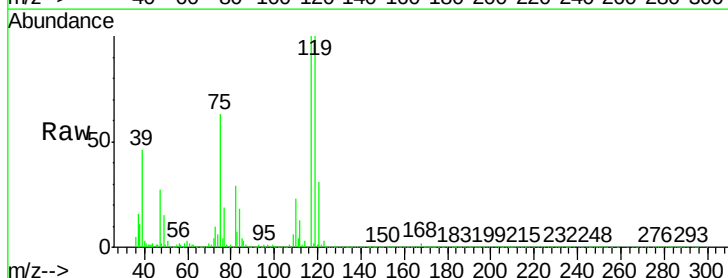
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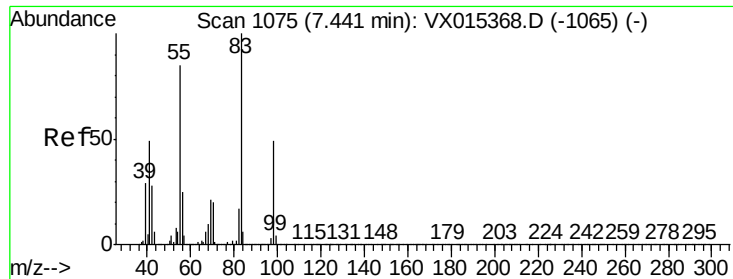
MMDadoda
4/21/2020 12:12:33 PM



#38
Carbon Tetrachloride
Concen: 16.664 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015760.D
Acq: 20 Apr 2020 13:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.0	78.0	117.0
121	31.1	23.8	35.8





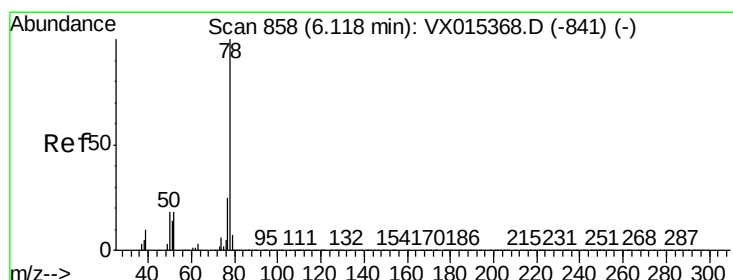
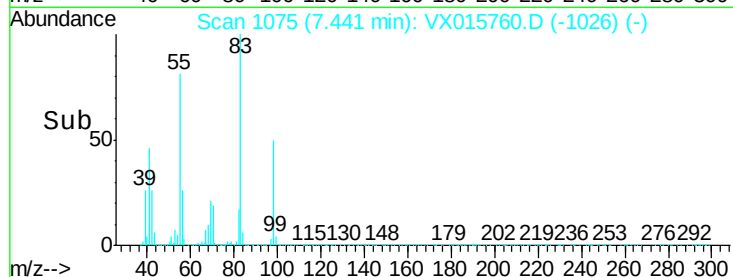
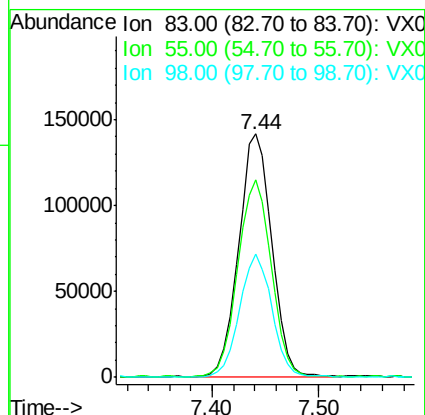
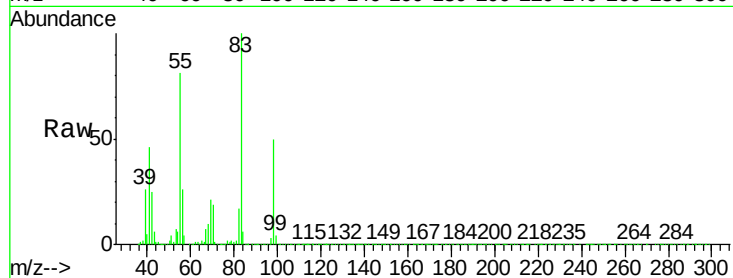
#39
Methylvlcyclohexane
Concen: 17.680 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015760.D
Acq: 20 Apr 2020 13:06

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.7	67.8	101.6
98	50.3	39.3	58.9

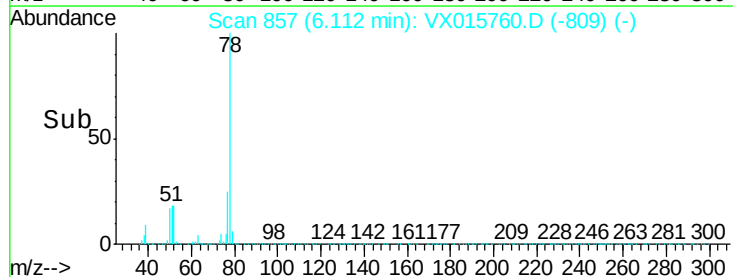
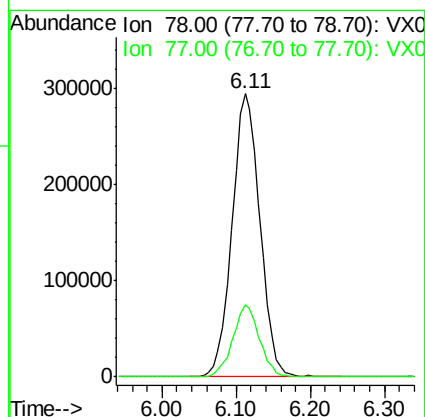
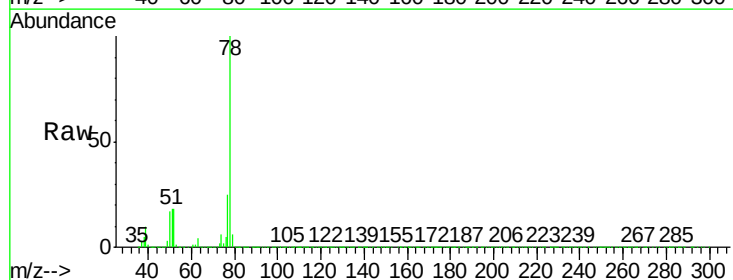
Manual Integrations
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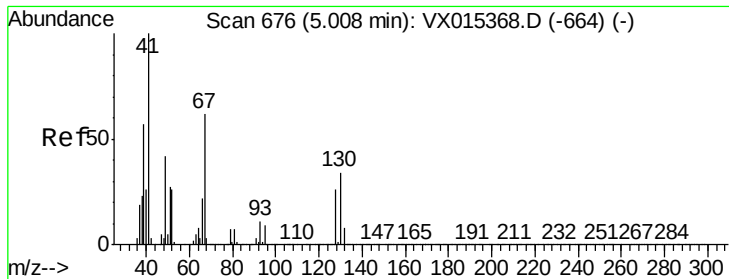
MMDadoda
4/21/2020 12:12:33 PM



#40
Benzene
Concen: 17.198 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015760.D
Acq: 20 Apr 2020 13:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.3	19.8	29.8





#41

Methacrylonitrile

Concen: 16.615 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX015760.D

Acq: 20 Apr 2020 13:06

Instrument :

MSVOA_X

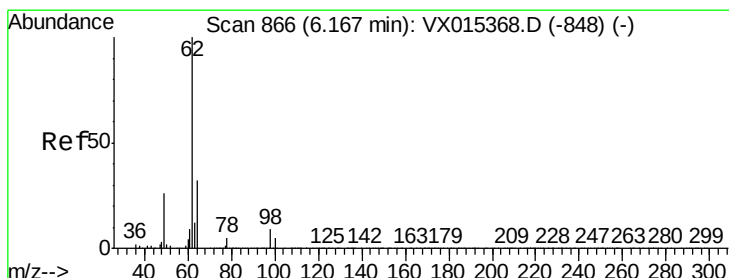
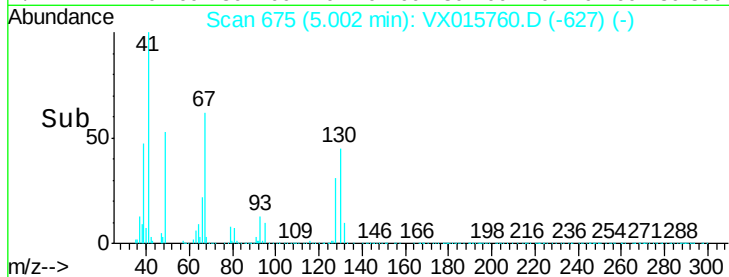
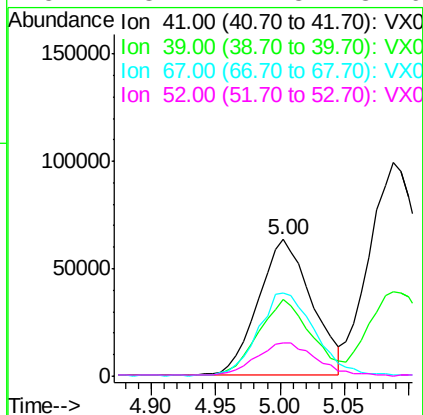
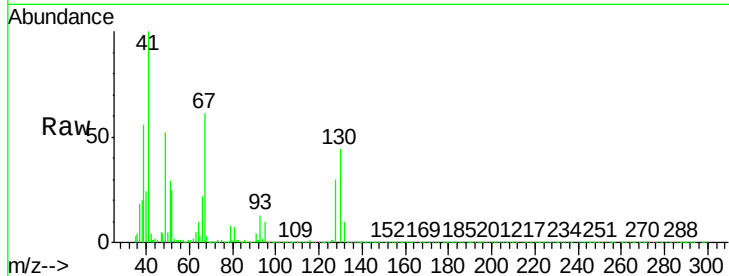
ClientSampled :

VX0420WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		182681		
39	54.7	44.5	66.7		
67	65.5	48.9	73.3		
52	28.2	21.8	32.6		

Manual Integrations
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4/21/2020 12:12:33 PM



#42

1,2-Dichloroethane

Concen: 16.658 ug/l

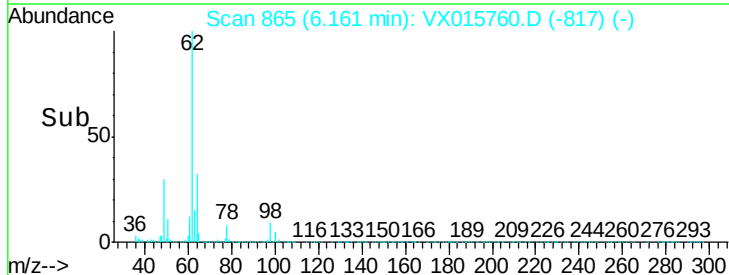
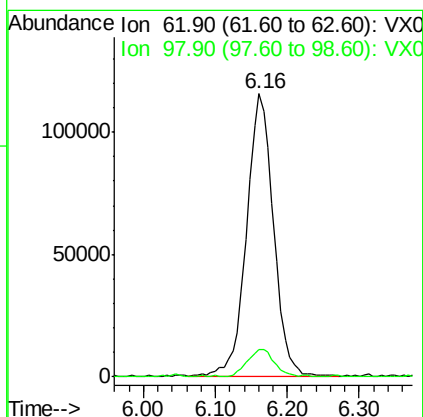
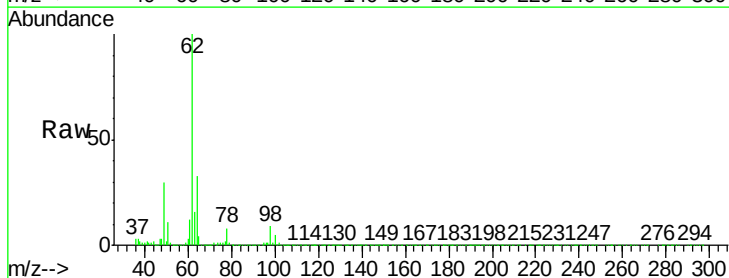
RT: 6.16 min Scan# 865

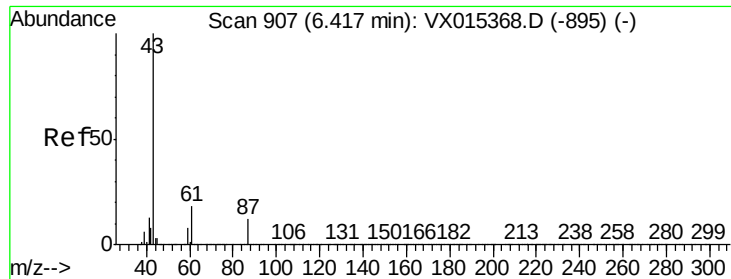
Delta R.T. -0.01 min

Lab File: VX015760.D

Acq: 20 Apr 2020 13:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		298143		
98	9.5	0.0	17.6		





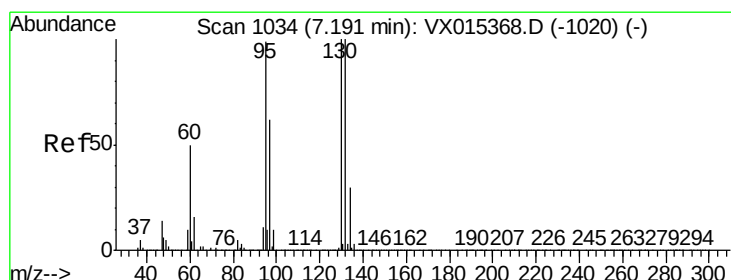
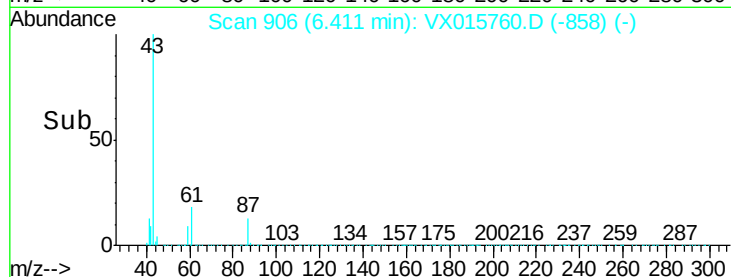
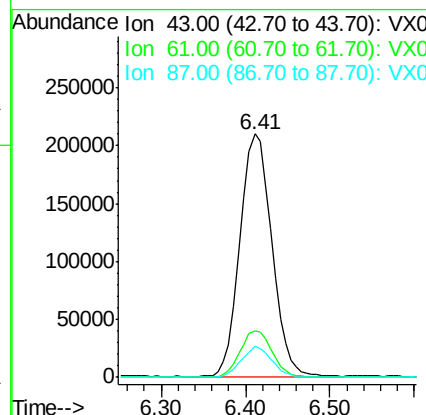
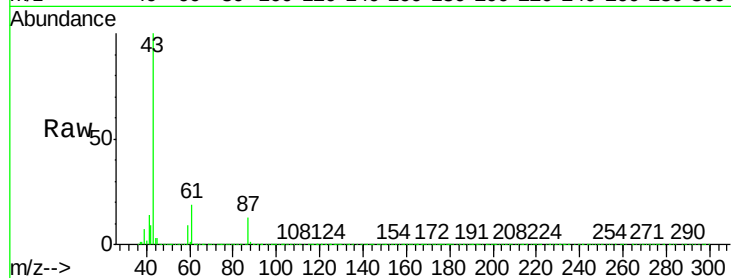
#43
Isopropyl Acetate
Concen: 16.003 ug/l
RT: 6.41 min Scan# 906
Delta R.T. -0.01 min
Lab File: VX015760.D
Acq: 20 Apr 2020 13:06

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS01

Tot Ion	43	Resp	535054
Ion Ratio	Lower	Upper	
43	100		
61	19.0	14.8	22.2
87	12.2	9.4	14.0

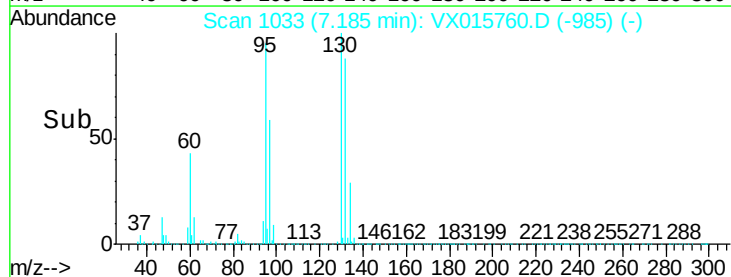
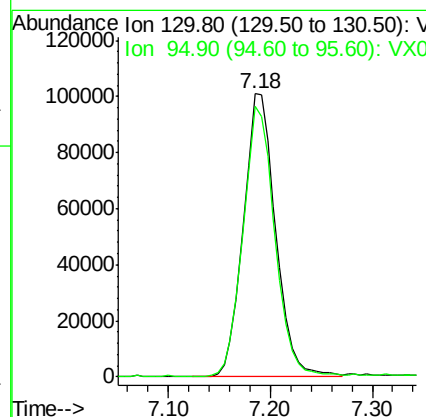
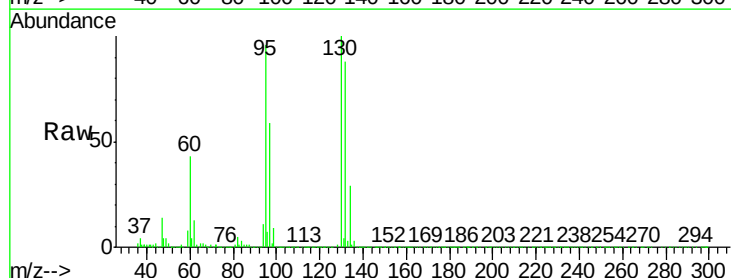
Manual Integrations
APPROVED

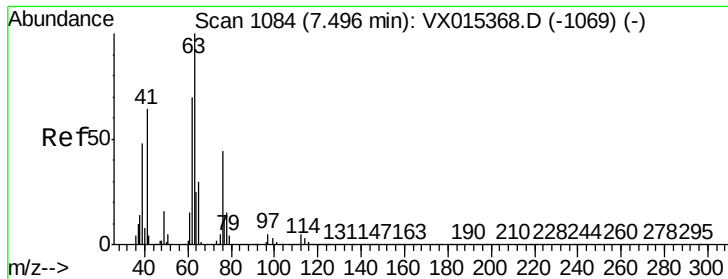
MMDadoda
4/21/2020 12:12:33 PM



#44
Trichloroethene
Concen: 18.196 ug/l
RT: 7.18 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX015760.D
Acq: 20 Apr 2020 13:06

Tgt Ion	130	Resp	221120
Ion Ratio	Lower	Upper	
130	100		
95	95.4	0.0	199.0





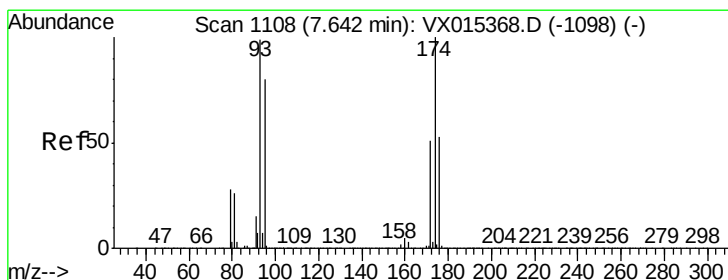
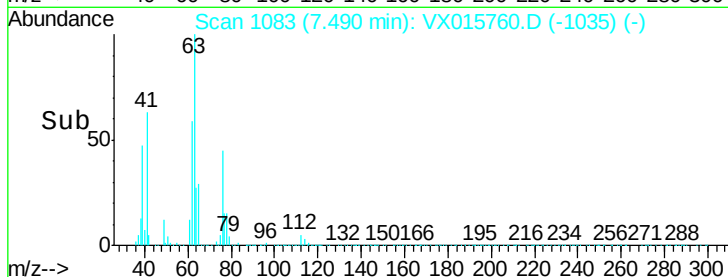
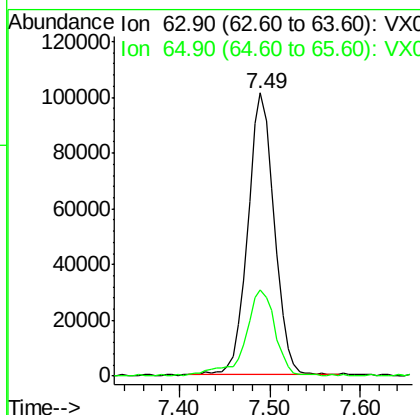
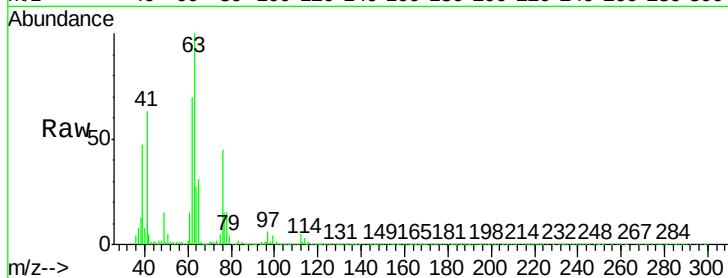
#45
 1,2-Dichloropropane
 Concen: 16.745 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015760.D
 Acq: 20 Apr 2020 13:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	23.9	35.9

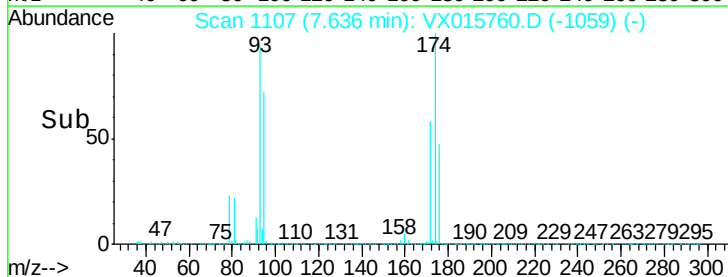
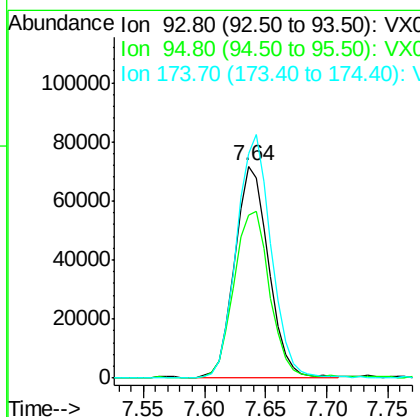
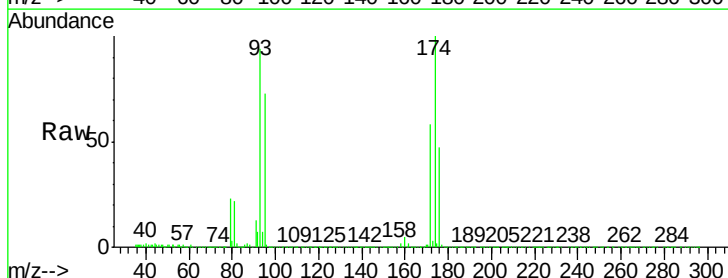
Manual Integrations
 APPROVED

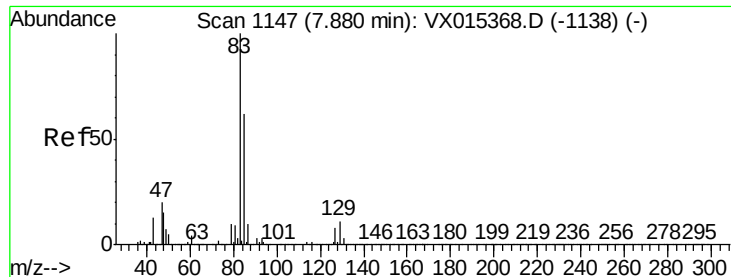
MMDadoda
 4/21/2020 12:12:33 PM



#46
 Dibromomethane
 Concen: 17.133 ug/l
 RT: 7.64 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: VX015760.D
 Acq: 20 Apr 2020 13:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	65.8	98.8
174	117.9	86.2	129.2





#47

Bromodichloromethane

Concen: 16.903 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015760.D

Acq: 20 Apr 2020 13:06

Instrument :

MSVOA_X

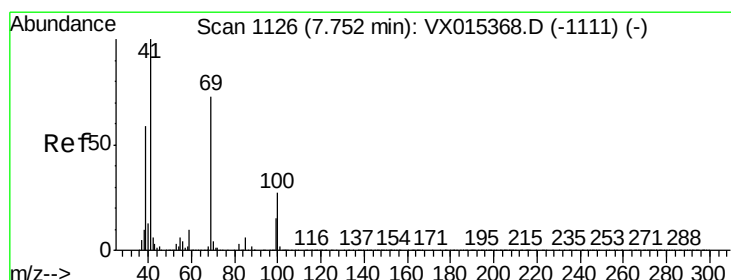
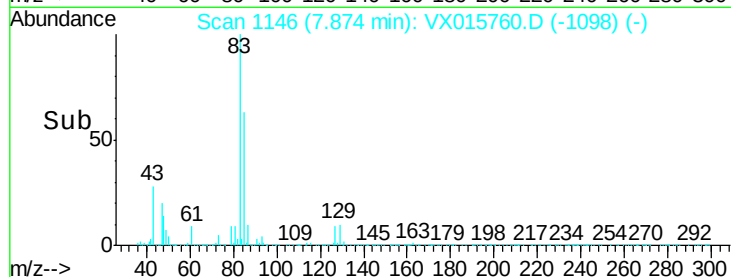
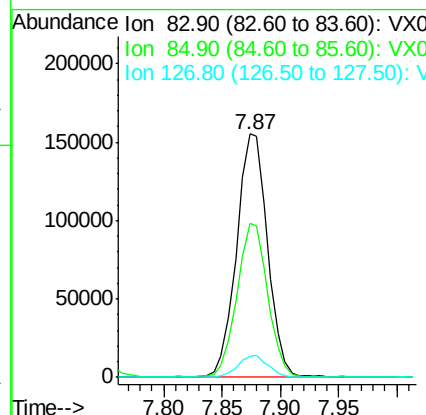
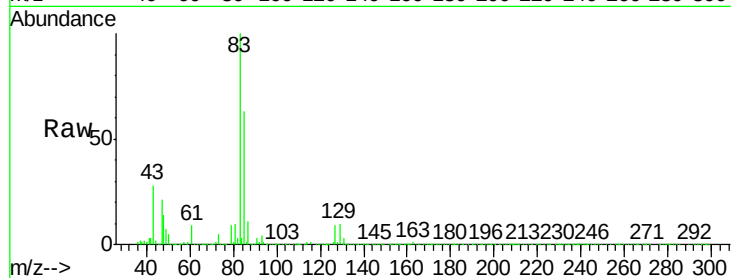
ClientSampleId :

VX0420WBS01

Tot Ion:	83	Resp:	287987
Ion	Ratio	Lower	Upper
83	100		
85	62.7	49.7	74.5
127	8.5	6.7	10.1

Manual Integrations
APPROVED

MMDadoda
4/21/2020 12:12:33 PM



#48

Methyl methacrylate

Concen: 15.526 ug/l

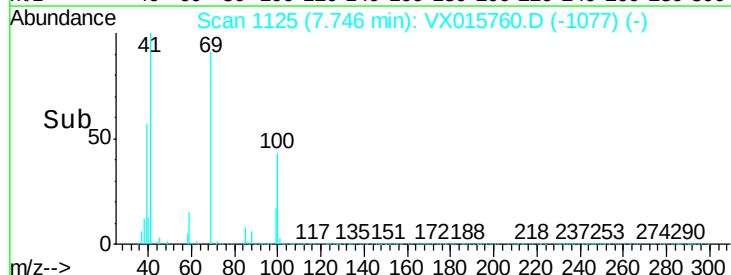
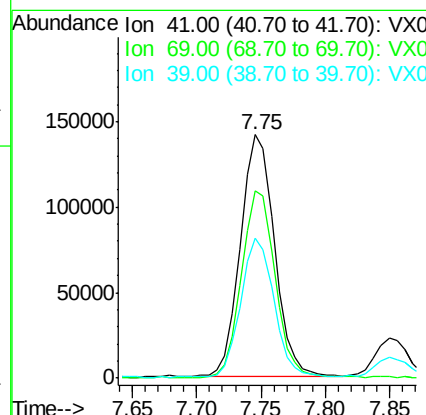
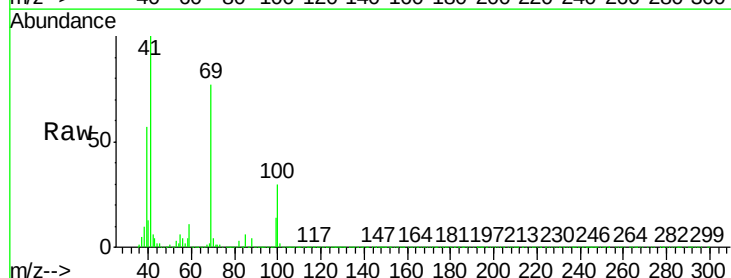
RT: 7.75 min Scan# 1125

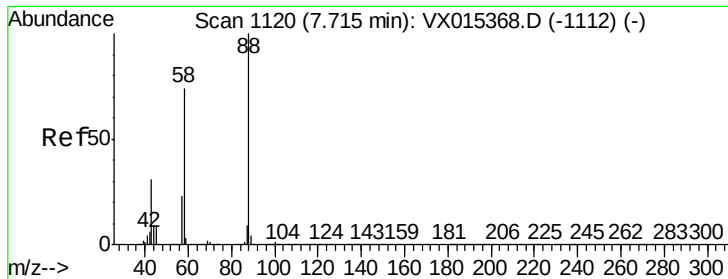
Delta R.T. -0.01 min

Lab File: VX015760.D

Acq: 20 Apr 2020 13:06

Tgt Ion:	41	Resp:	259287
Ion	Ratio	Lower	Upper
41	100		
69	76.8	56.7	85.1
39	56.0	46.5	69.7





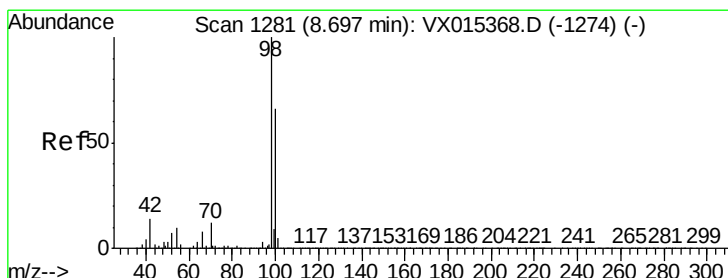
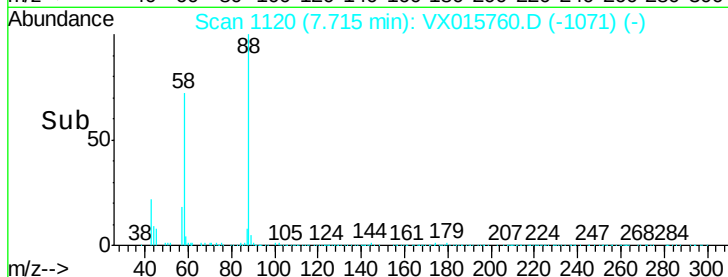
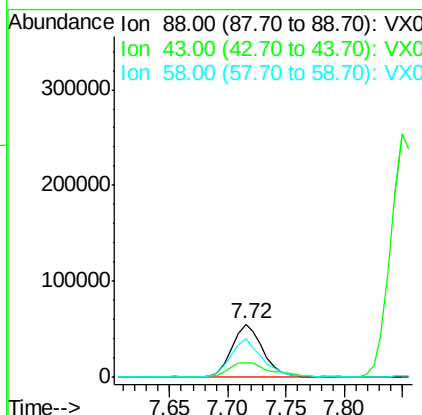
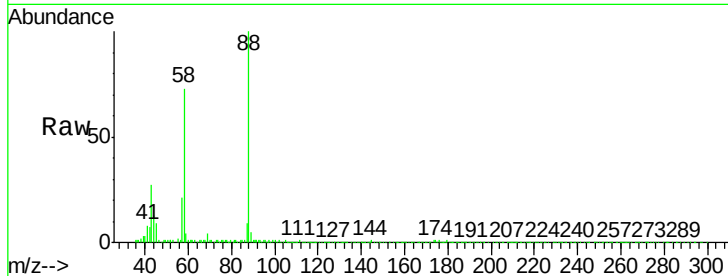
#49
1,4-Dioxane
Concen: 324.465 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. 0.00 min
Lab File: VX015760.D
Acq: 20 Apr 2020 13:06

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.9	30.1	45.1
58	73.9	60.6	90.8

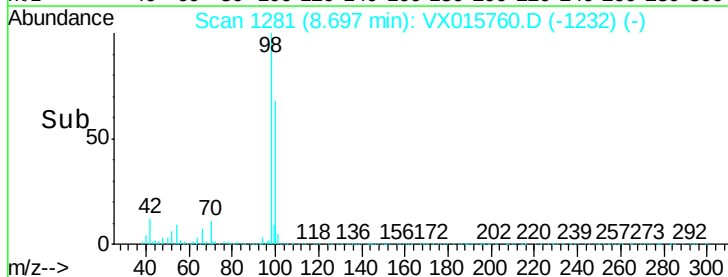
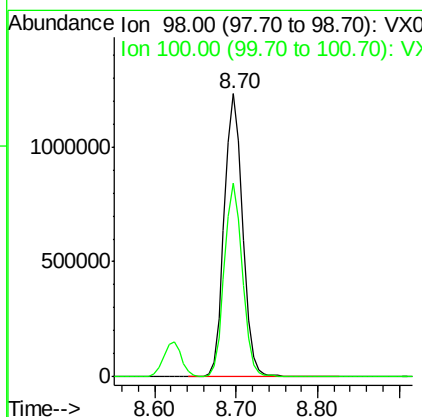
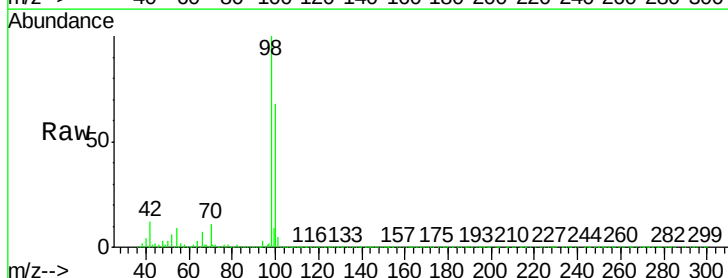
Manual Integrations
APPROVED

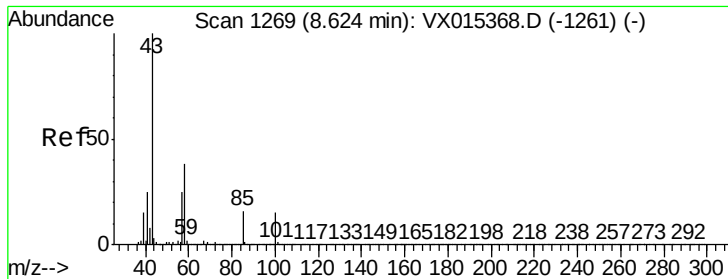
MMDadoda
4/21/2020 12:12:33 PM



#50
Toluene-d8
Concen: 49.395 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015760.D
Acq: 20 Apr 2020 13:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 83.324 ug/l

RT: 8.62 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX015760.D

Acq: 20 Apr 2020 13:06

Instrument :

MSVOA_X

ClientSampled :

VX0420WBS01

Tot Ion: 43 Resp: 1578814

Ion Ratio Lower Upper

43 100

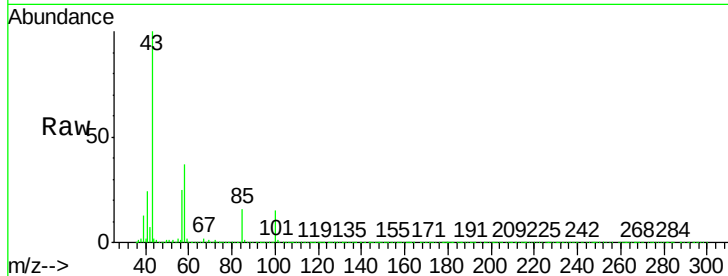
58 37.2 29.7 44.5

Manual Integrations

APPROVED

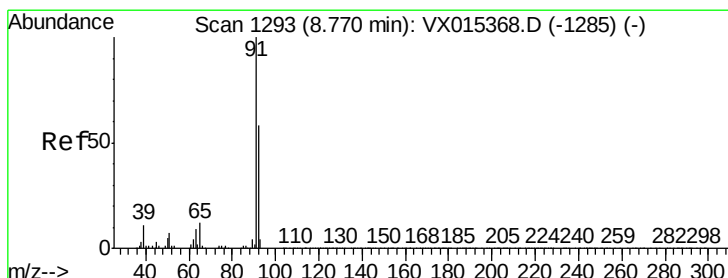
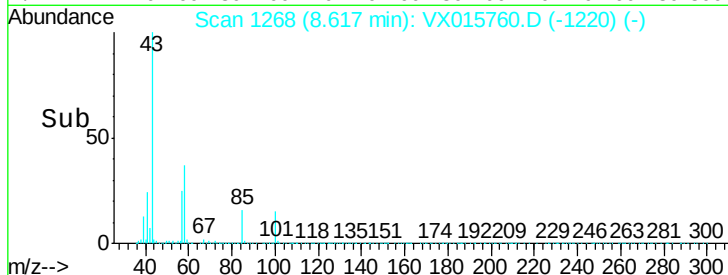
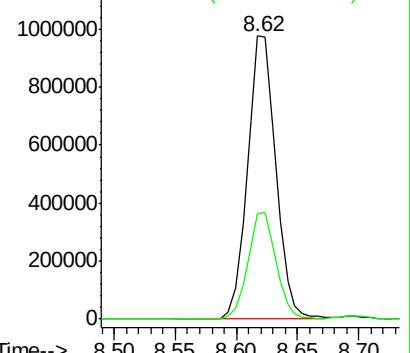
MMDadoda

4/21/2020 12:12:33 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 17.868 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015760.D

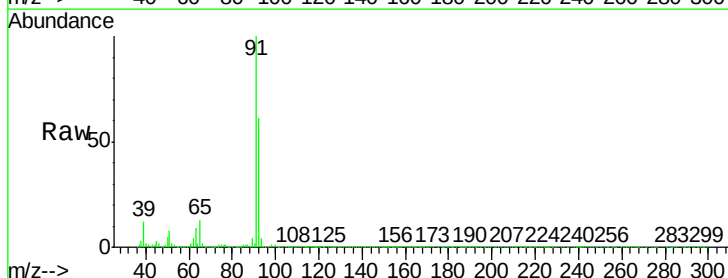
Acq: 20 Apr 2020 13:06

Tgt Ion: 92 Resp: 490835

Ion Ratio Lower Upper

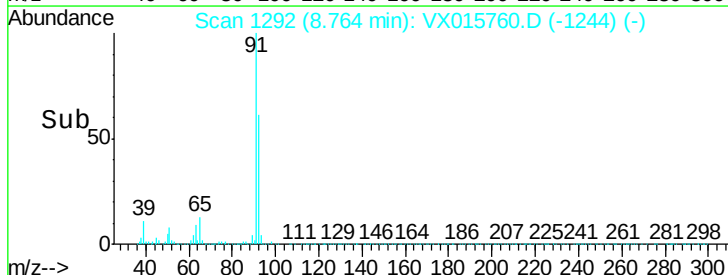
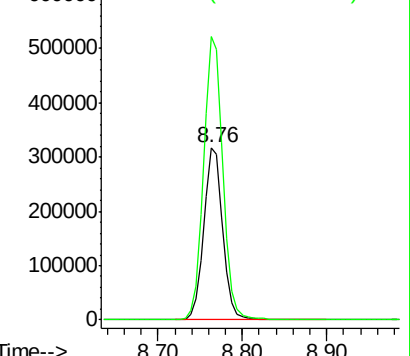
92 100

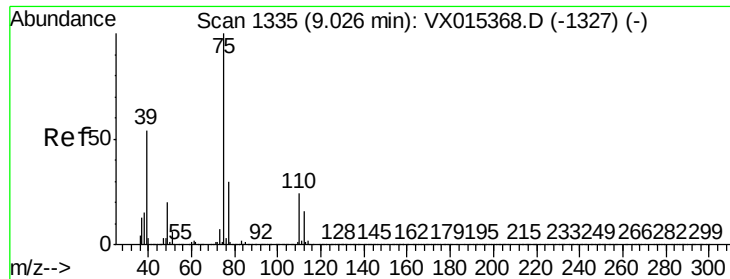
91 167.8 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





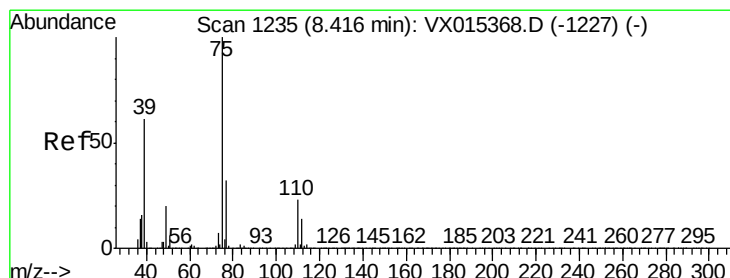
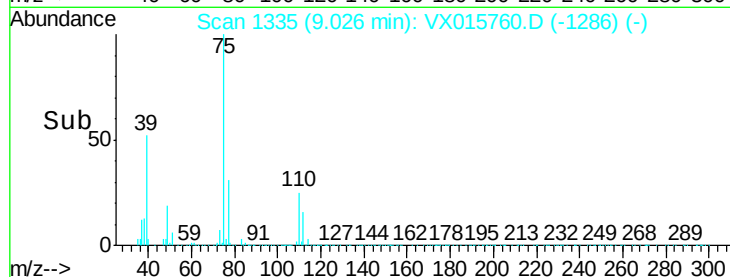
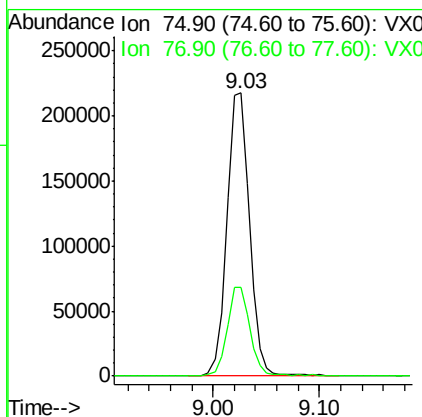
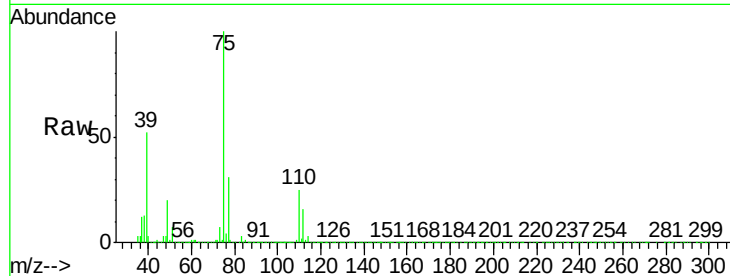
#53
t-1,3-Dichloropropene
Concen: 16.162 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015760.D
Acq: 20 Apr 2020 13:06

Instrument :
MSVOA_X
ClientSampled :
VX0420WBS01

Tot Ion	Ratio	Resp	Lower	Upper
75	100	322954		
77	31.1	24.1	36.1	

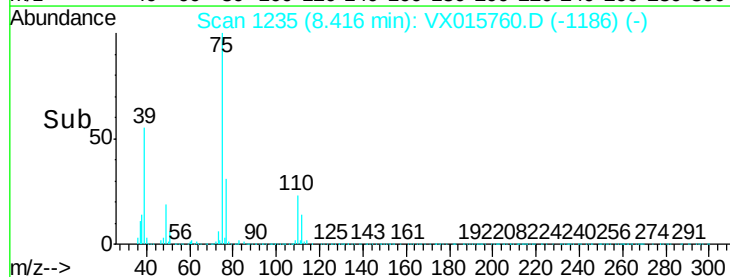
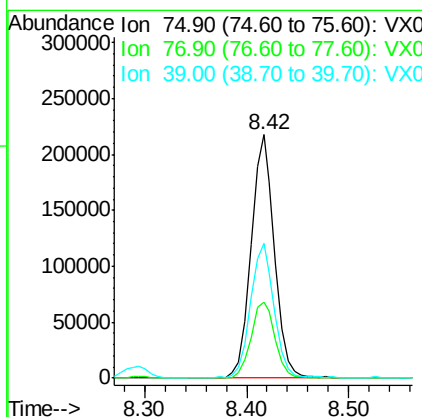
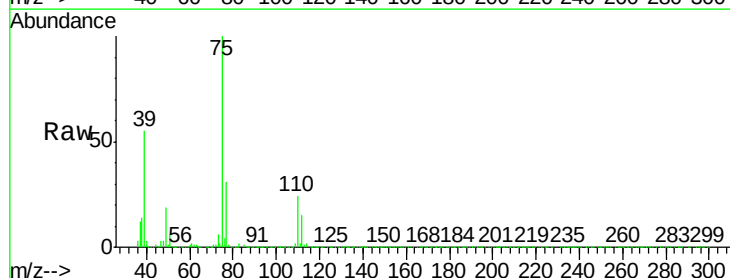
Manual Integrations
APPROVED

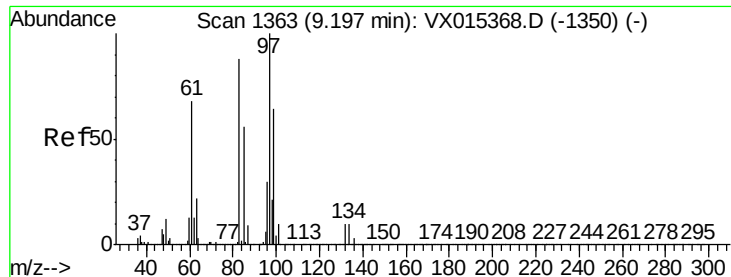
MMDadoda
4/21/2020 12:12:33 PM



#54
cis-1,3-Dichloropropene
Concen: 16.915 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015760.D
Acq: 20 Apr 2020 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	344302		
77	30.9	25.8	38.6	
39	55.0	49.0	73.4	





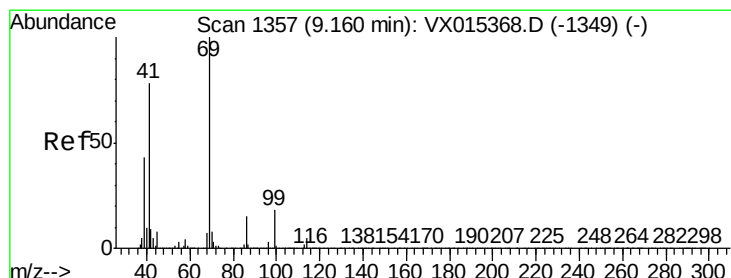
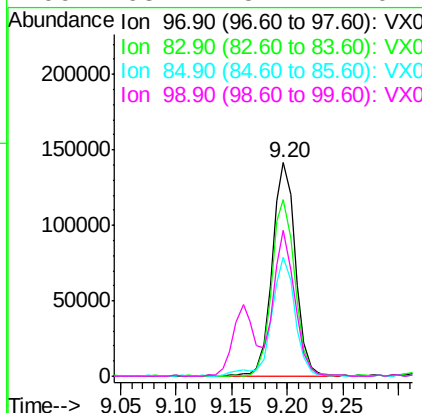
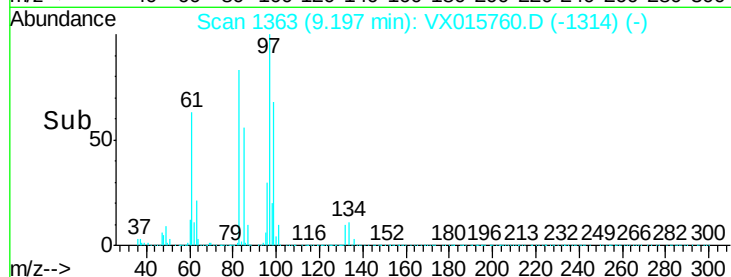
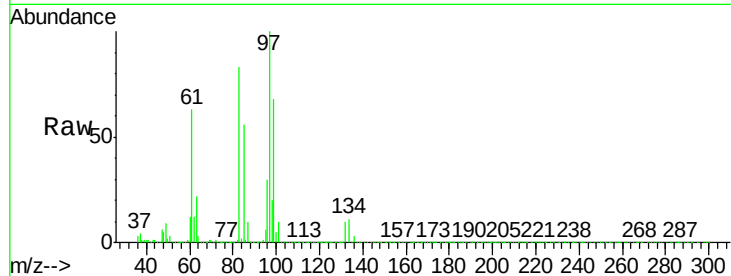
#55
 1,1,2-Trichloroethane
 Concen: 18.249 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015760.D
 Acq: 20 Apr 2020 13:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		205391		
83	82.5	70.2	105.4		
85	55.7	44.7	67.1		
99	68.1	51.1	76.7		

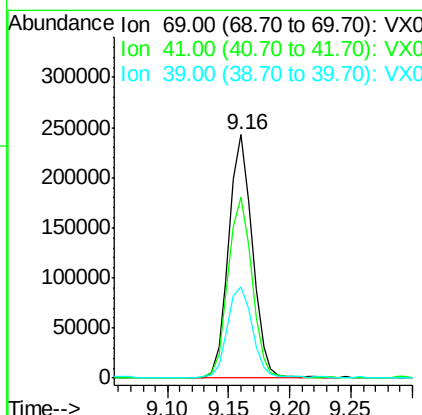
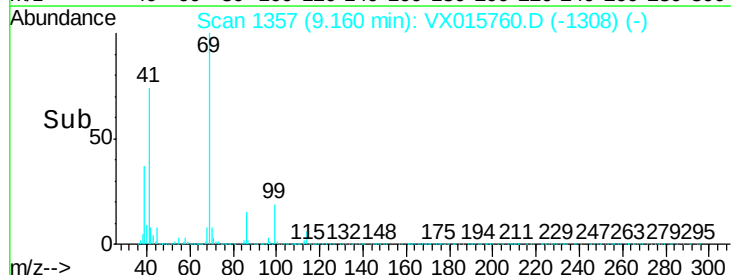
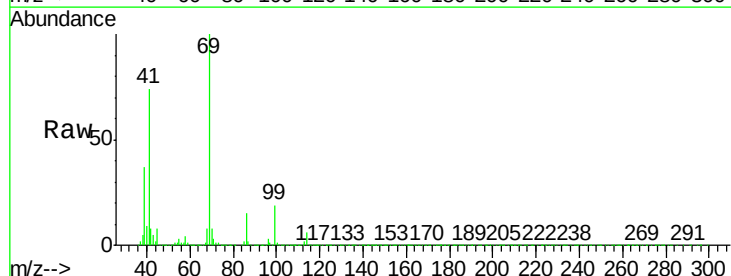
Manual Integrations
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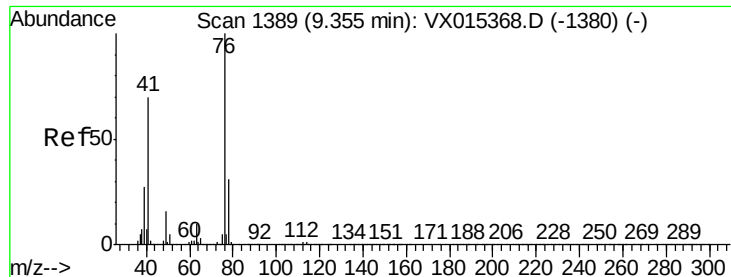
MMDadoda
 4/21/2020 12:12:33 PM



#56
 Ethyl methacrylate
 Concen: 16.369 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015760.D
 Acq: 20 Apr 2020 13:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		324681		
41	75.0	61.6	92.4		
39	39.0	34.0	51.0		





#57

1,3-Dichloropropane

Concen: 17.089 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015760.D

Acq: 20 Apr 2020 13:06

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBS01

Tot Ion: 76 Resp: 346527

Ion Ratio Lower Upper

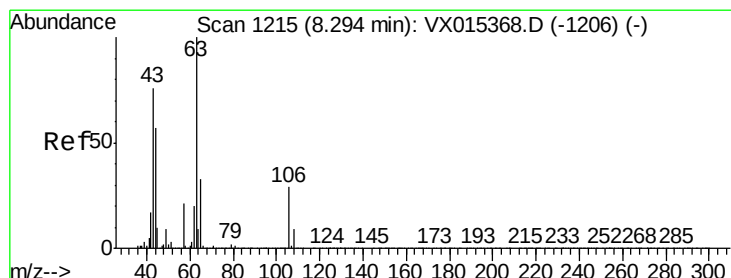
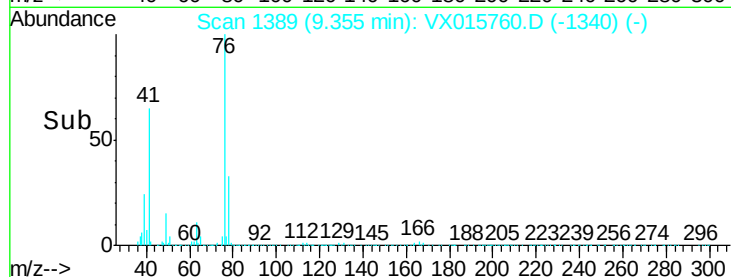
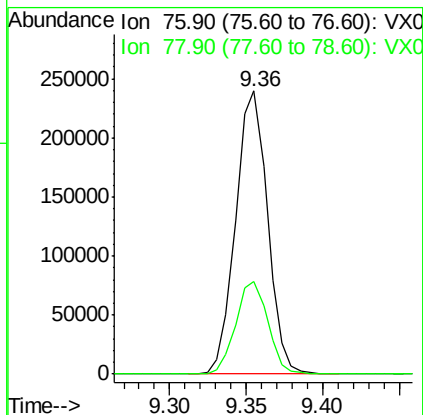
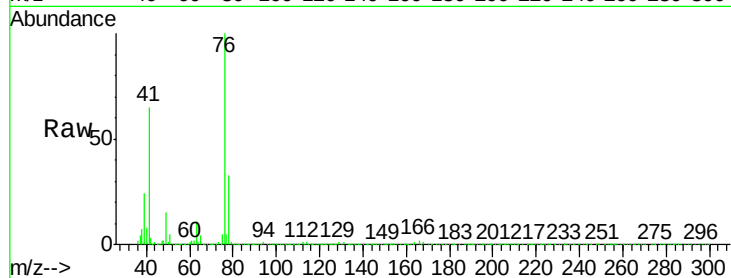
76 100

78 32.7 25.8 38.8

Manual Integrations
APPROVED

MMDadoda

4/21/2020 12:12:33 PM



#58

2-Chloroethyl Vinyl ether

Concen: 74.304 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015760.D

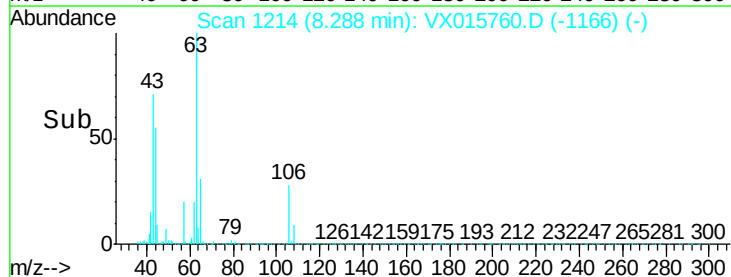
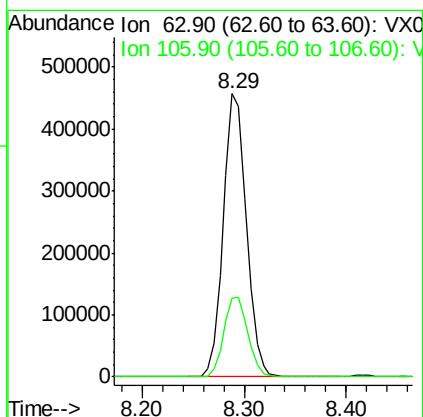
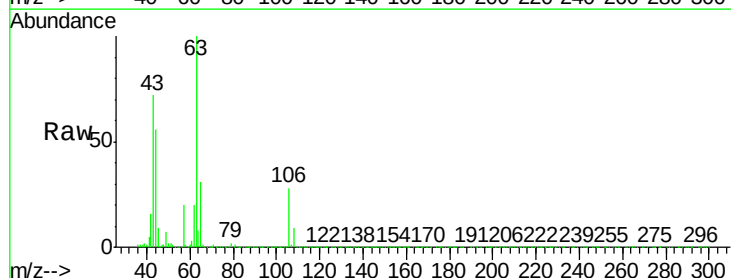
Acq: 20 Apr 2020 13:06

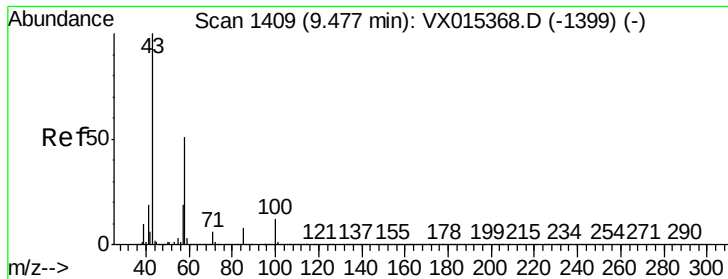
Tgt Ion: 63 Resp: 716881

Ion Ratio Lower Upper

63 100

106 29.2 22.7 34.1





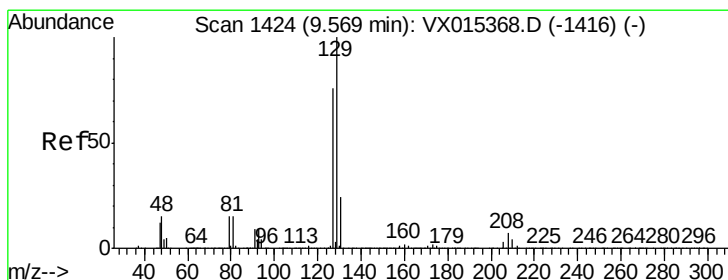
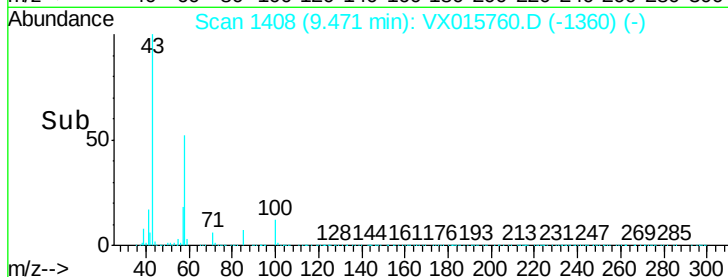
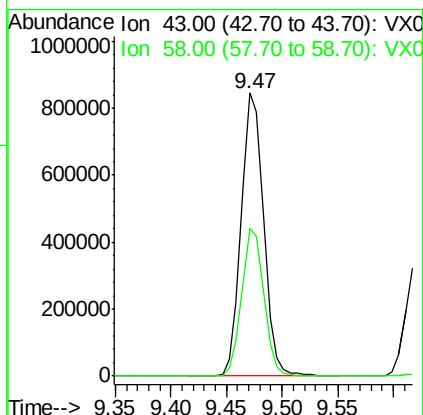
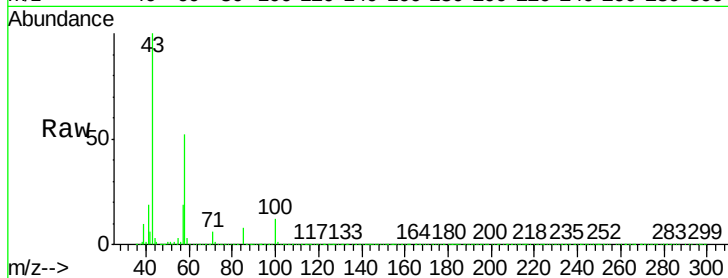
#59
2-Hexanone
Concen: 82.678 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015760.D
Acq: 20 Apr 2020 13:06

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS01

Tot Ion: 43 Resp: 1182734
Ion Ratio Lower Upper
43 100
58 51.8 25.6 76.6

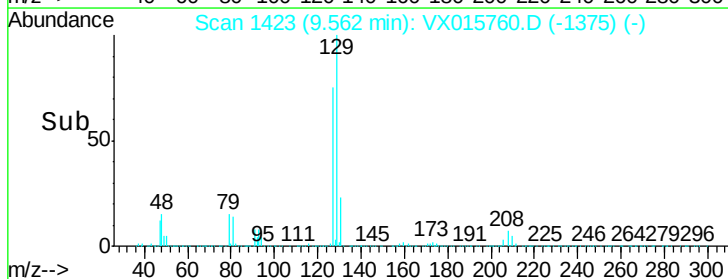
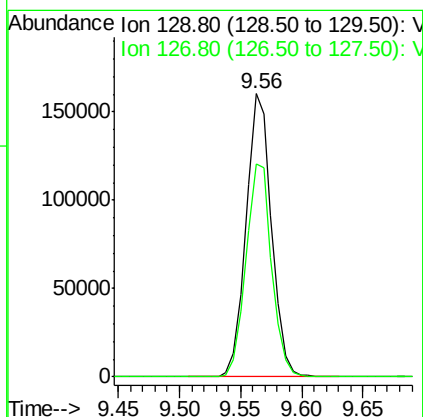
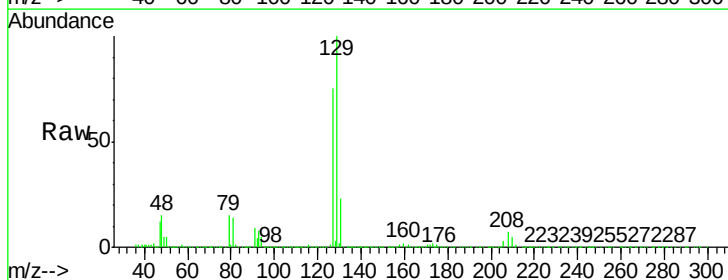
Manual Integrations
APPROVED

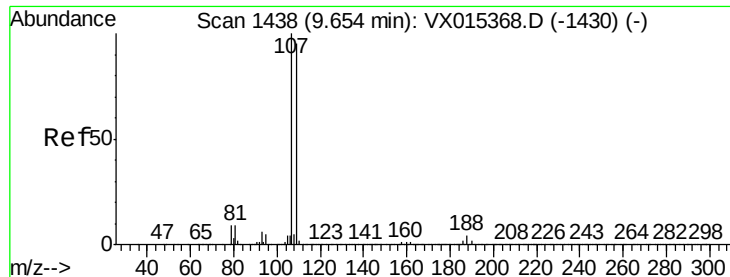
MMDadoda
4/21/2020 12:12:33 PM



#60
Dibromochloromethane
Concen: 17.140 ug/l
RT: 9.56 min Scan# 1423
Delta R.T. -0.01 min
Lab File: VX015760.D
Acq: 20 Apr 2020 13:06

Tgt Ion:129 Resp: 231807
Ion Ratio Lower Upper
129 100
127 75.8 38.2 114.6





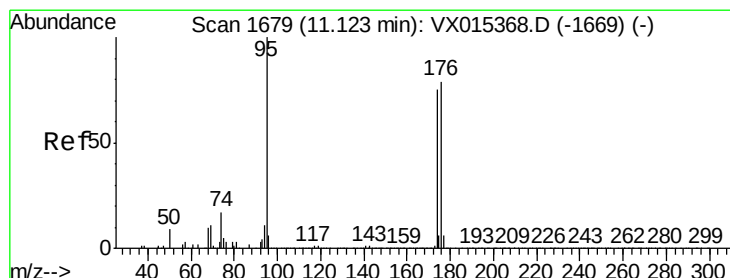
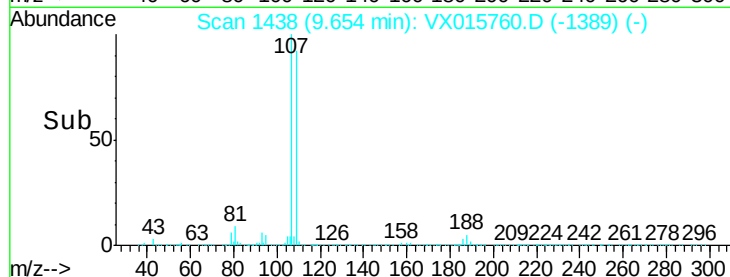
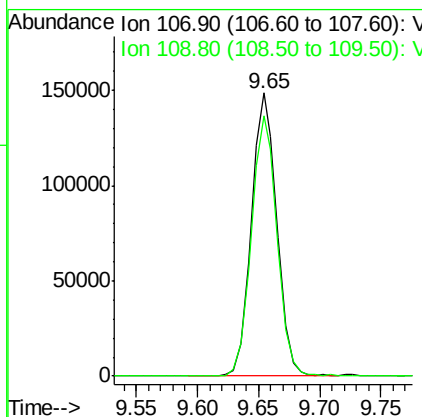
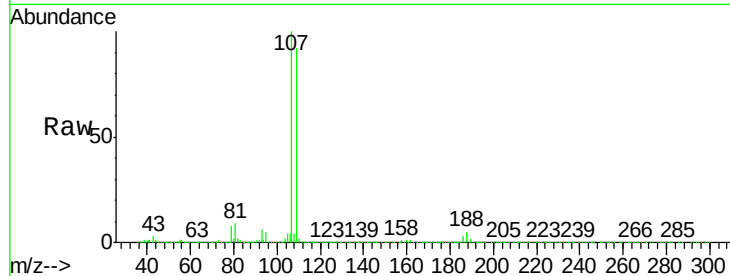
#61
 1,2-Dibromoethane
 Concen: 17.529 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: VX015760.D
 Acq: 20 Apr 2020 13:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBS01

Tot Ion	Ratio	Resp	Lower	Upper
107	100	214517		
109	93.1	74.8	112.2	

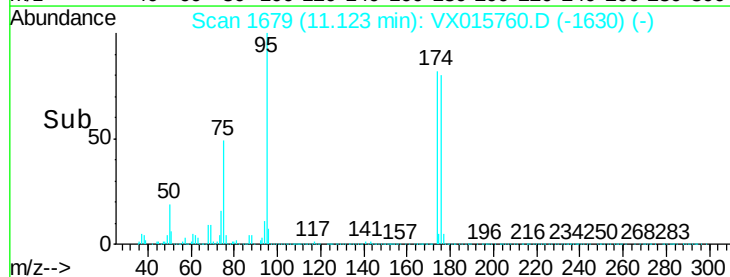
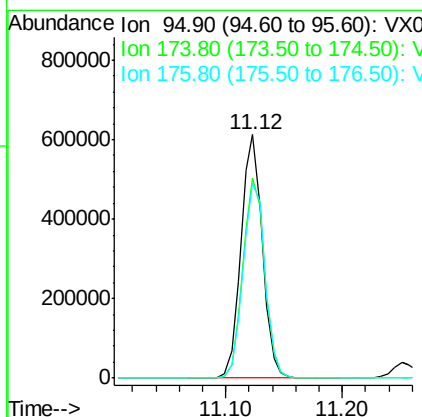
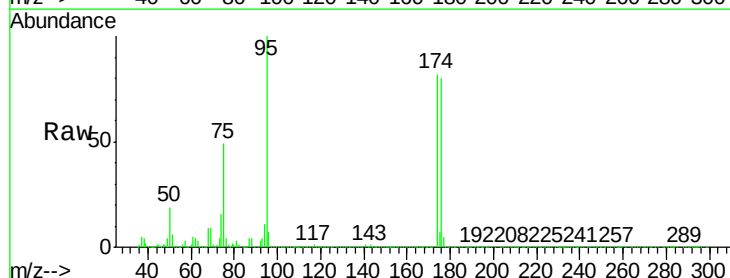
Manual Integrations
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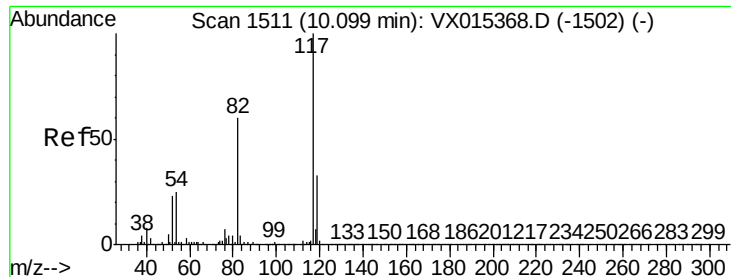
MMDadoda
 4/21/2020 12:12:33 PM



#62
 4-Bromofluorobenzene
 Concen: 49.569 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: VX015760.D
 Acq: 20 Apr 2020 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	782699		
174	84.1	0.0	158.6	
176	83.1	0.0	159.0	





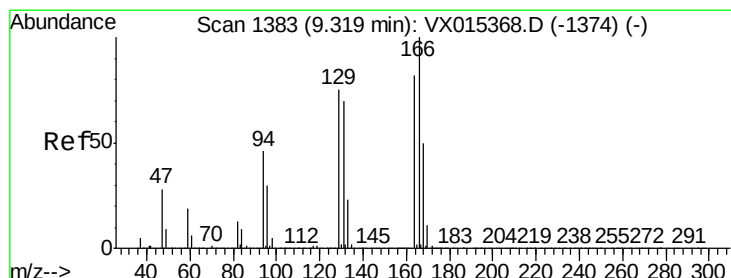
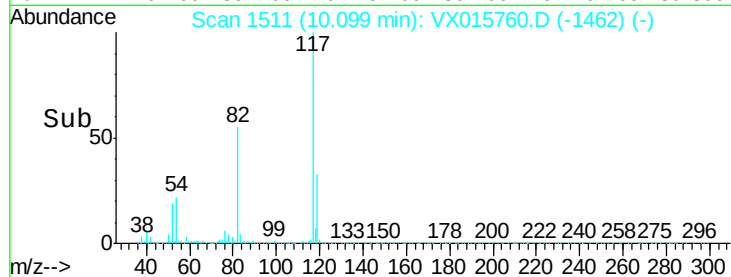
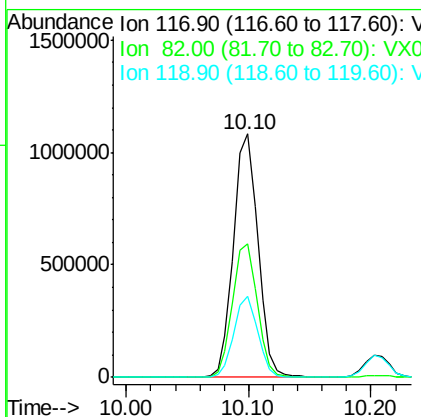
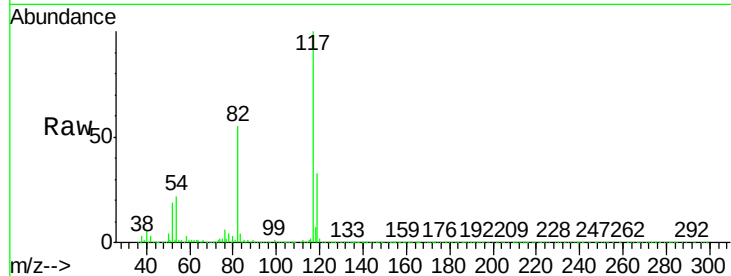
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015760.D
Acq: 20 Apr 2020 13:06

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	47.8	71.8
119	33.3	26.8	40.2

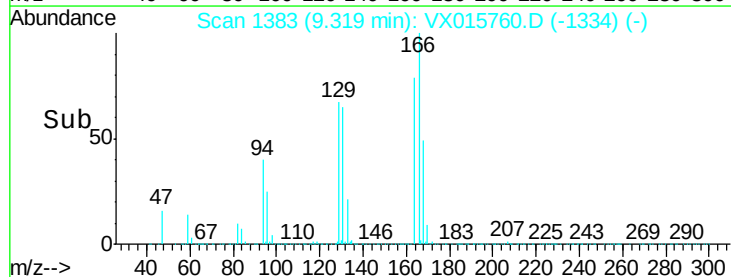
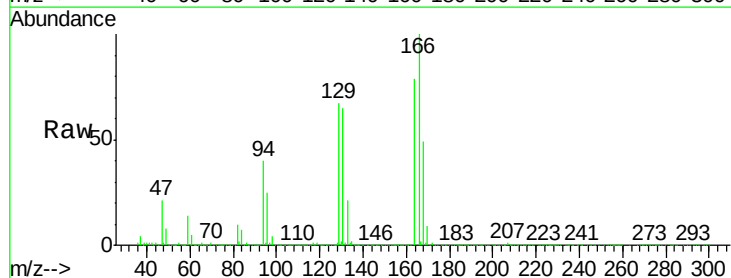
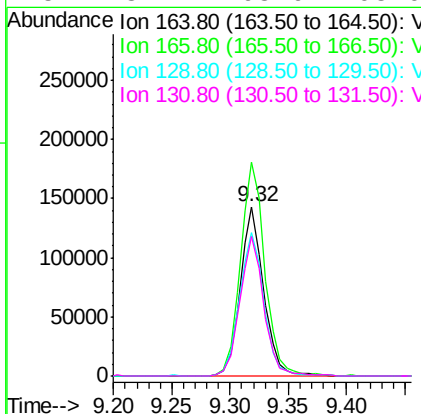
Manual Integrations
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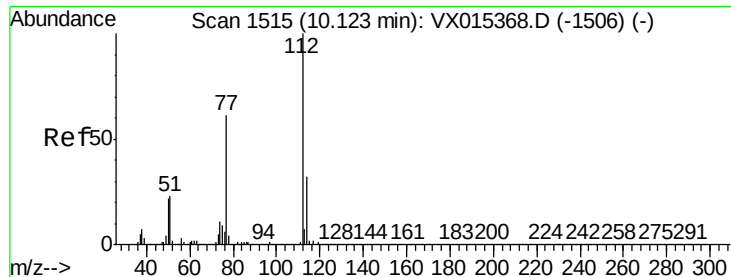
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#64
Tetrachloroethene
Concen: 17.654 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015760.D
Acq: 20 Apr 2020 13:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.2	97.8	146.6
129	84.4	73.0	109.4
131	82.2	68.6	103.0





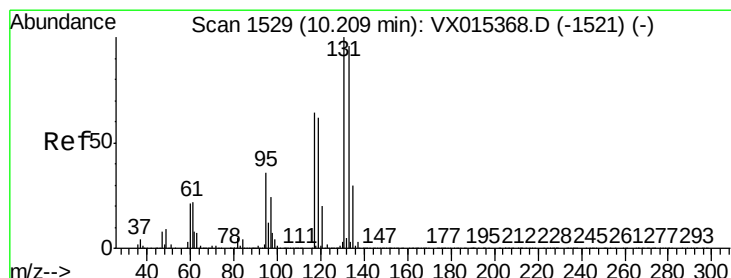
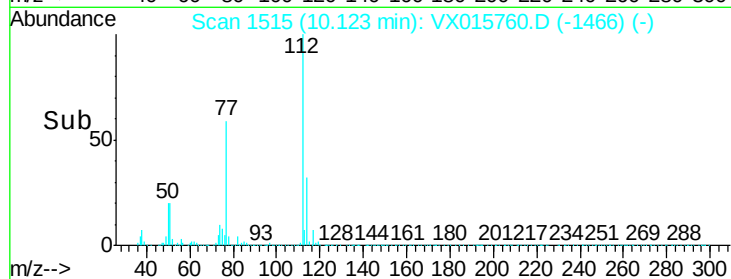
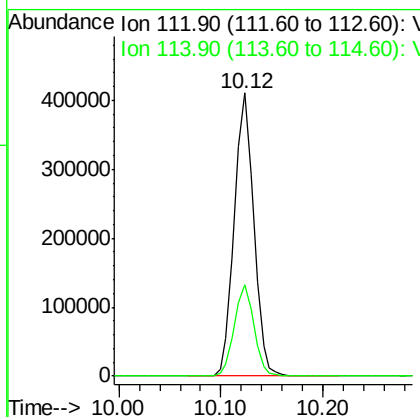
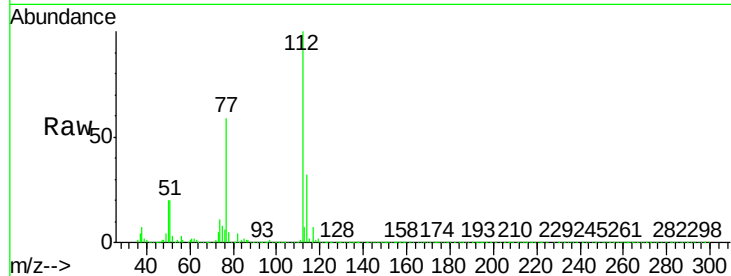
#65
Chlorobenzene
Concen: 18.102 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015760.D
Acq: 20 Apr 2020 13:06

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	540356		
114	32.1	25.5	38.3	

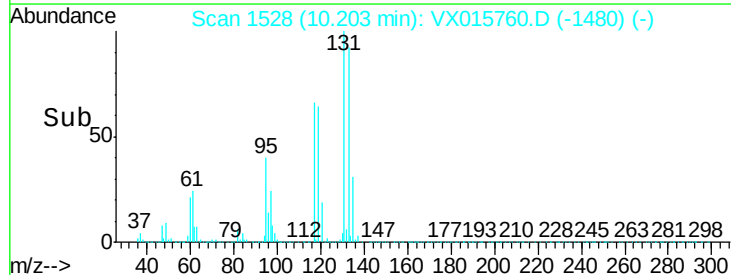
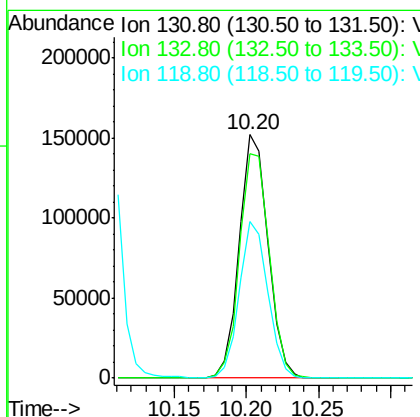
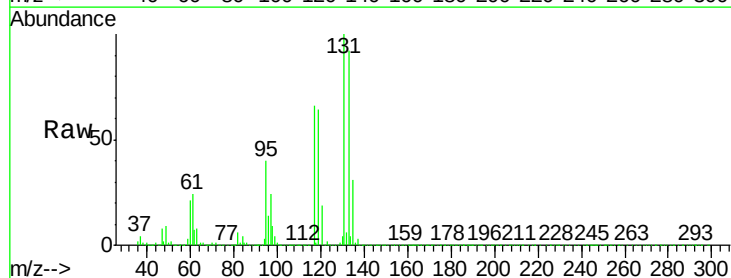
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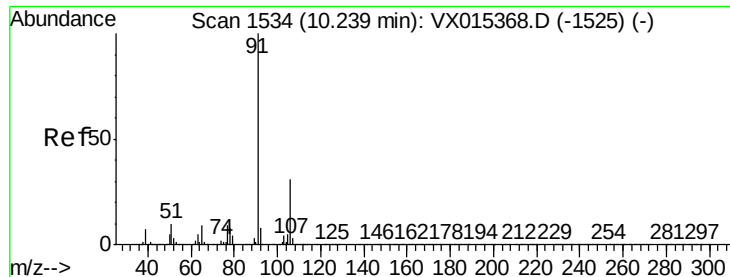
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 17.708 ug/l
RT: 10.20 min Scan# 1528
Delta R.T. -0.01 min
Lab File: VX015760.D
Acq: 20 Apr 2020 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	211183		
133	95.1	47.6	142.9	
119	63.1	31.1	93.3	





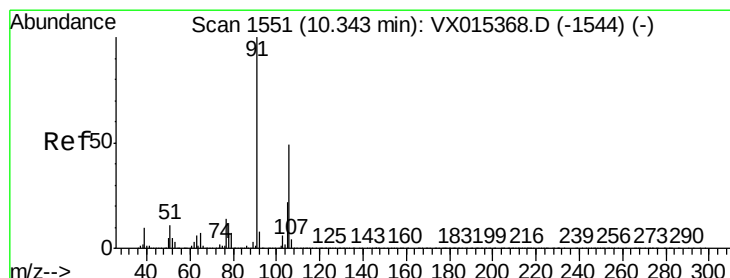
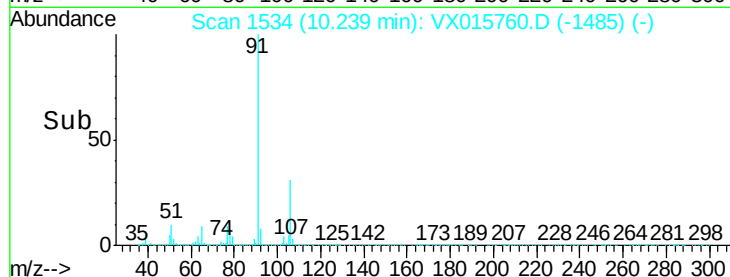
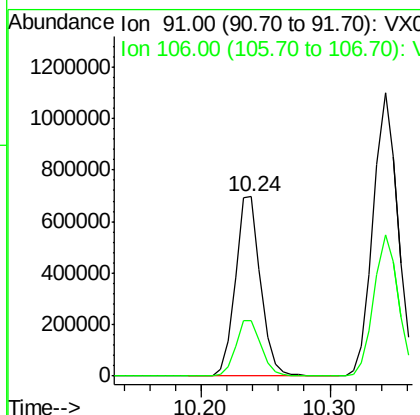
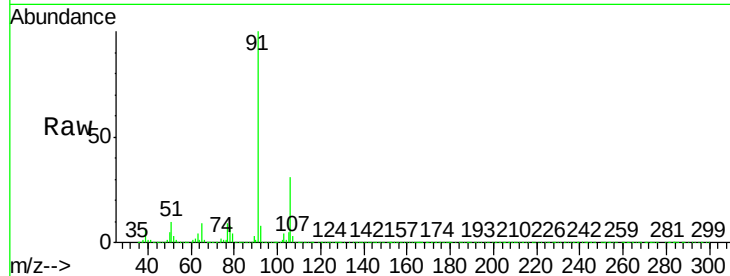
#67
Ethyl Benzene
Concen: 17.898 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015760.D
Acq: 20 Apr 2020 13:06

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS01

Tot Ion: 91 Resp: 947571
Ion Ratio Lower Upper
91 100
106 30.9 24.8 37.2

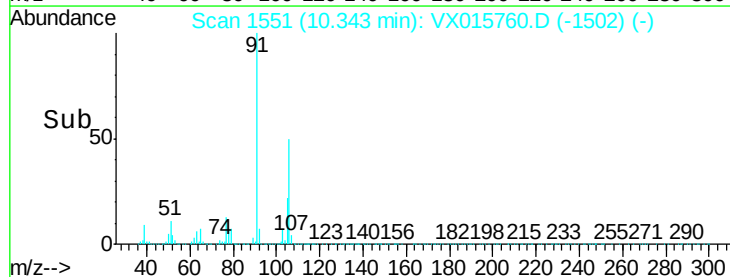
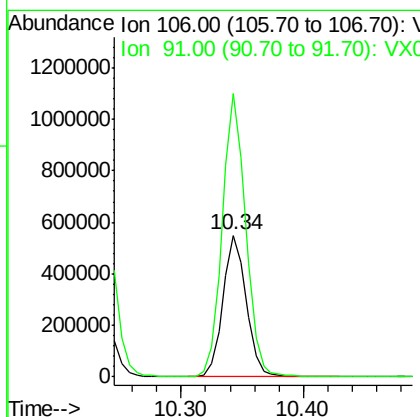
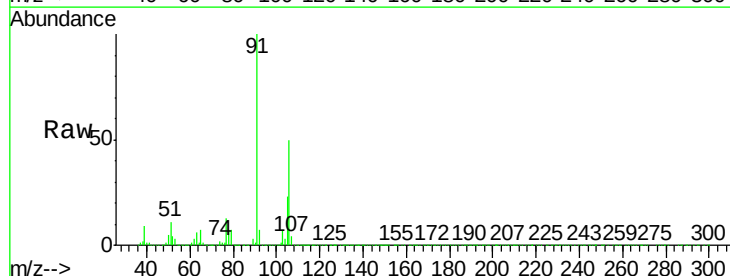
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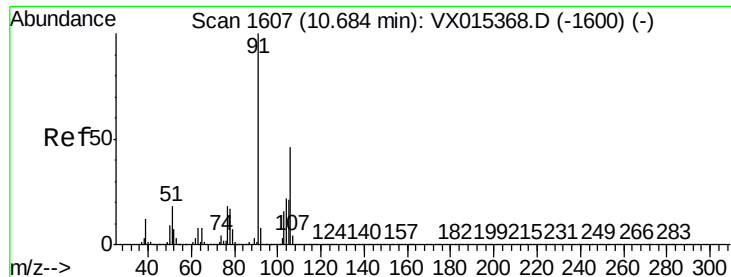
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#68
m/p-Xylenes
Concen: 36.755 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015760.D
Acq: 20 Apr 2020 13:06

Tgt Ion: 106 Resp: 724604
Ion Ratio Lower Upper
106 100
91 201.1 163.4 245.0





#69

o-Xylene

Concen: 17.904 ug/l

RT: 10.68 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX015760.D

Acq: 20 Apr 2020 13:06

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBS01

Tot Ion:106 Resp: 348796

Ion Ratio Lower Upper

106 100

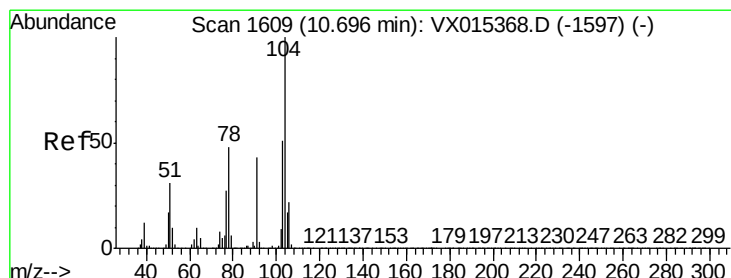
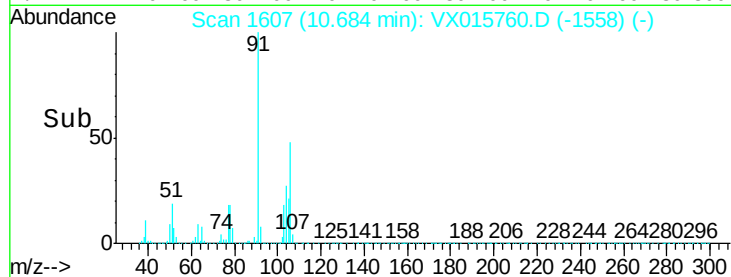
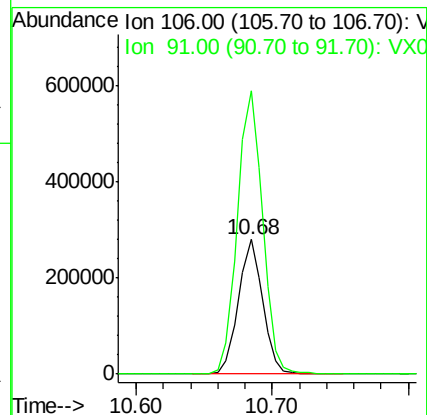
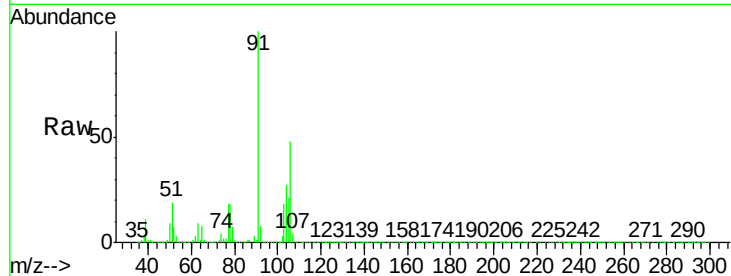
91 217.6 107.1 321.3

Manual Integrations

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#70

Styrene

Concen: 17.873 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX015760.D

Acq: 20 Apr 2020 13:06

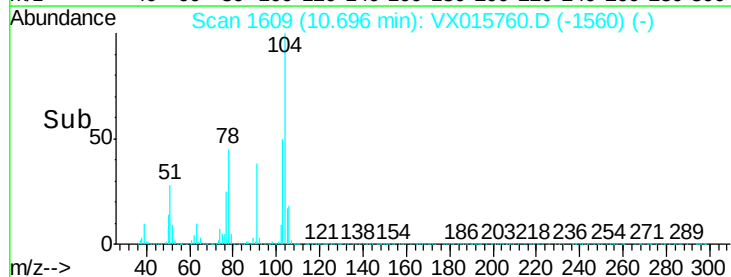
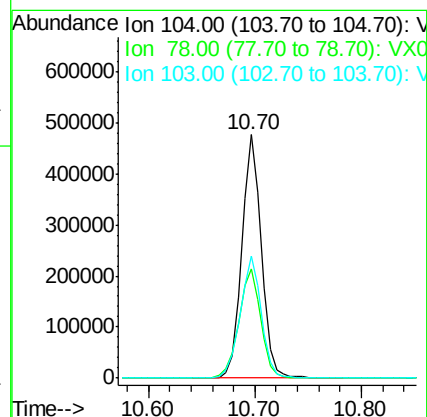
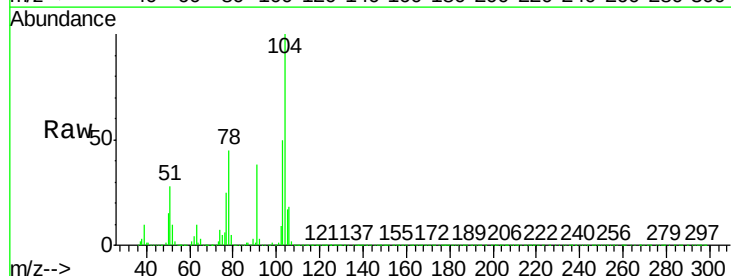
Tgt Ion:104 Resp: 612706

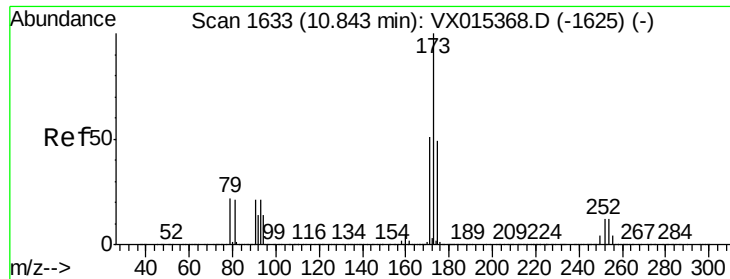
Ion Ratio Lower Upper

104 100

78 50.2 42.0 63.0

103 54.0 43.4 65.0





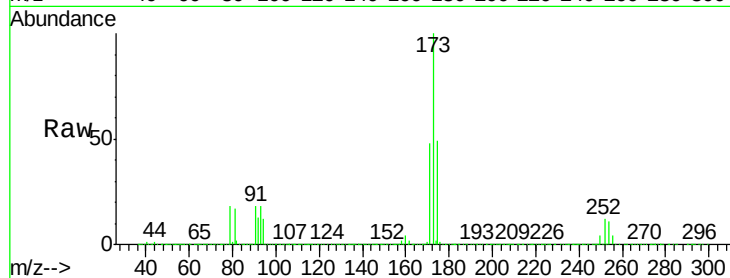
#71
Bromoform
Concen: 17.104 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015760.D
Acq: 20 Apr 2020 13:06

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS01

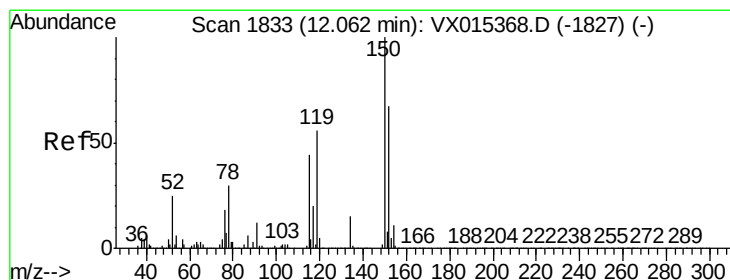
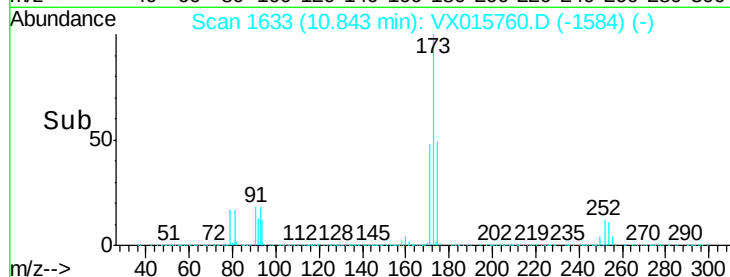
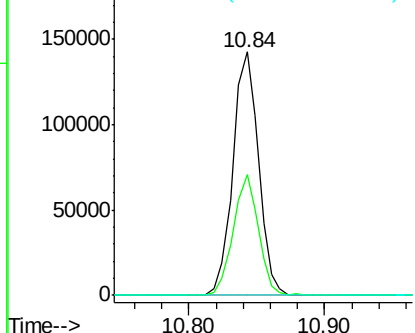
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	23.9	71.7
254	0.1	0.1	0.1

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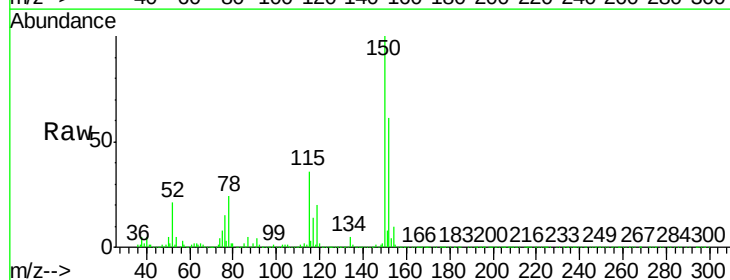


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

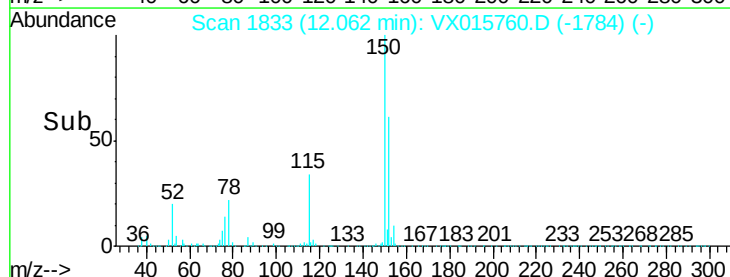
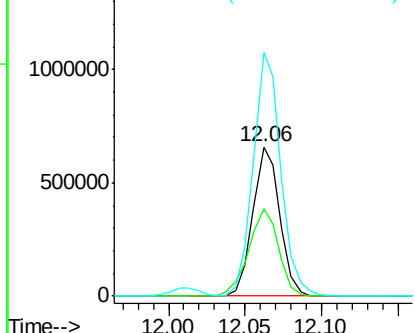


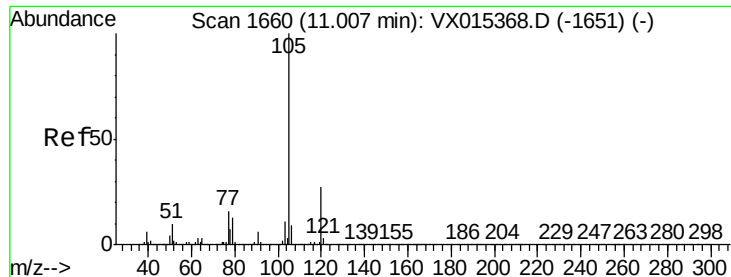
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015760.D
Acq: 20 Apr 2020 13:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.1	39.0	116.9
150	167.0	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: 18.090 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015760.D

Acq: 20 Apr 2020 13:06

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBS01

Tot Ion: 105 Resp: 955111

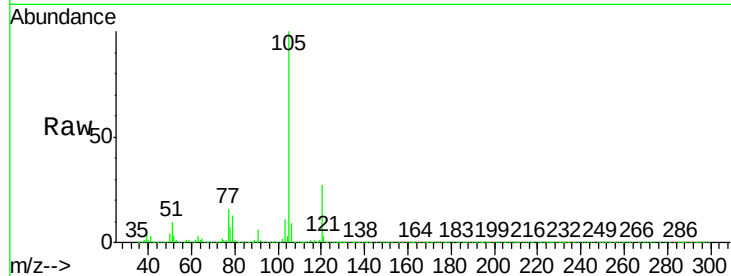
Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.5

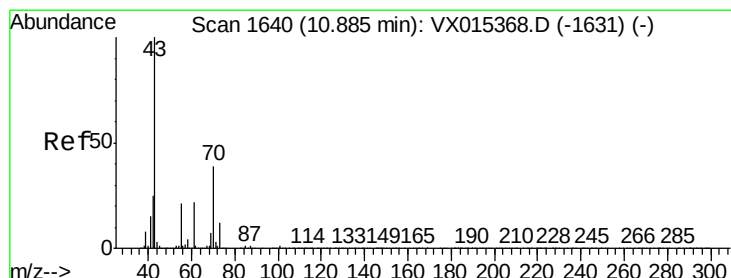
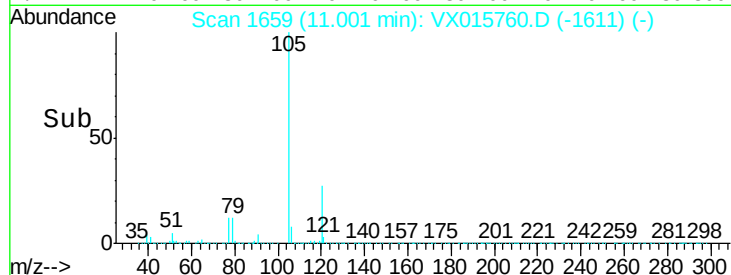
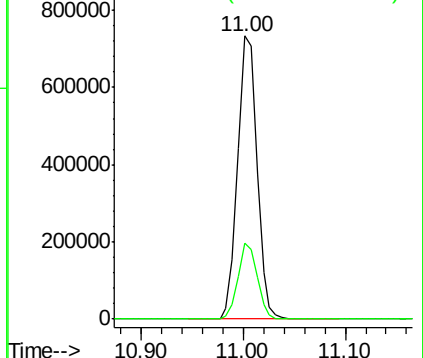
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 15.487 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015760.D

Acq: 20 Apr 2020 13:06

Tgt Ion: 43 Resp: 454760

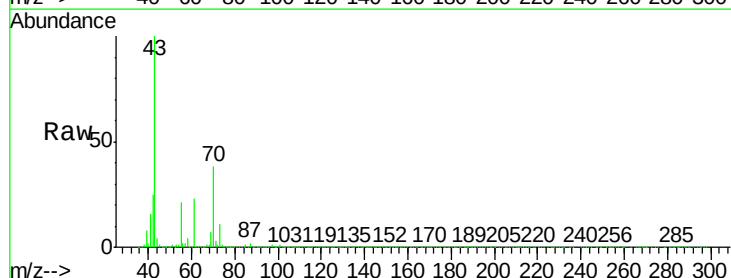
Ion Ratio Lower Upper

43 100

70 39.5 30.2 45.4

55 22.3 16.8 25.2

61 23.5 18.2 27.2

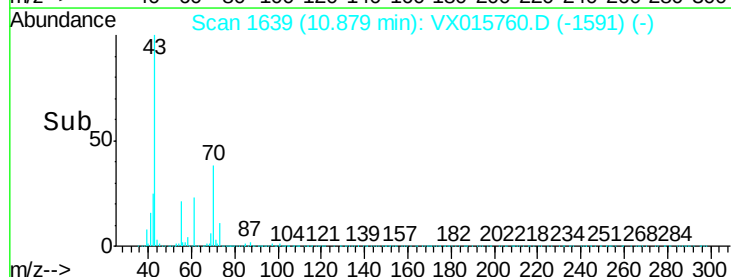
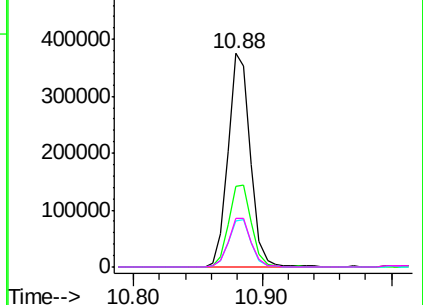


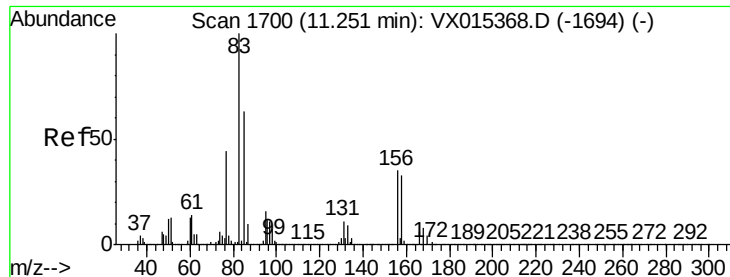
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 16.996 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015760.D

Acq: 20 Apr 2020 13:06

Instrument :

MSVOA_X

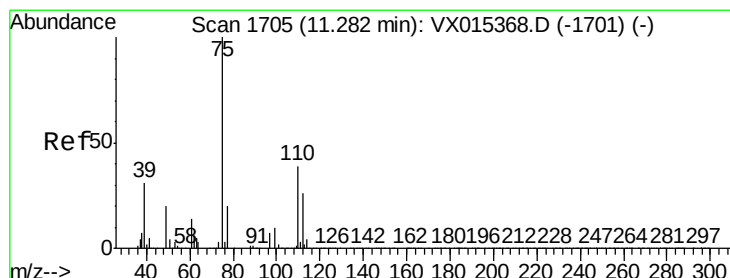
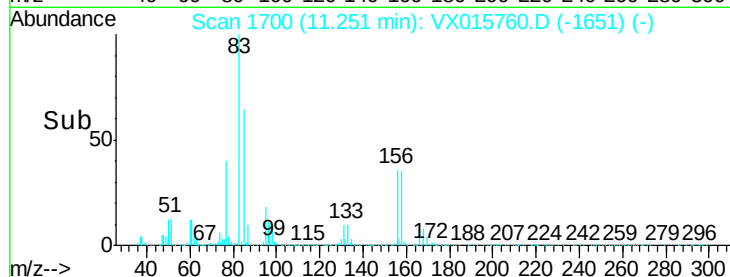
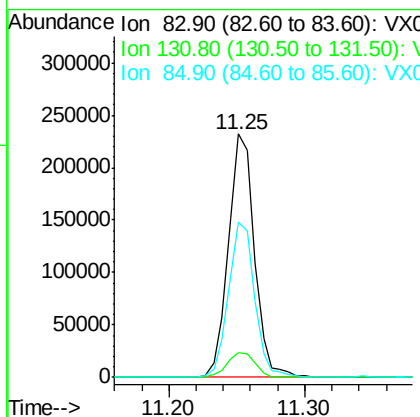
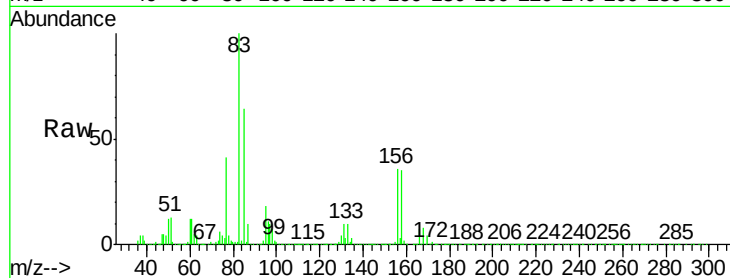
ClientSampled :

VX0420WBS01

Tot Ion:	83	Resp:	307906
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.3	16.1
85	64.3	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 16.650 ug/l m

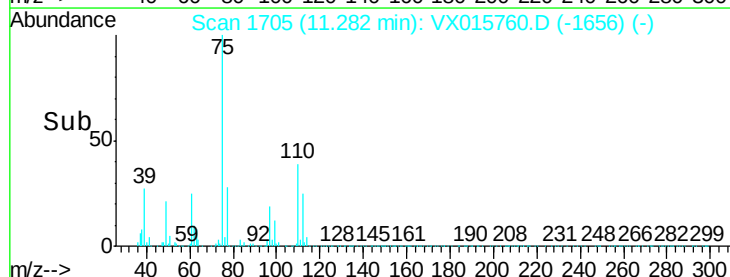
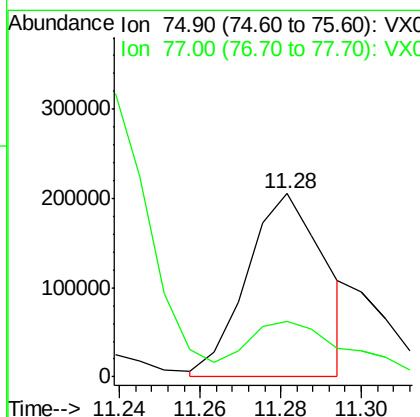
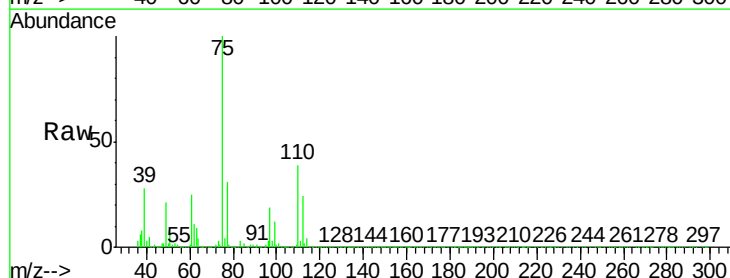
RT: 11.28 min Scan# 1705

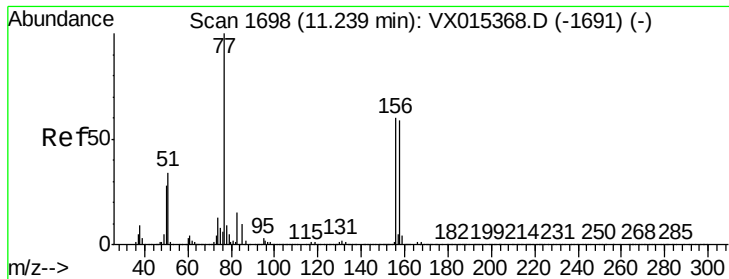
Delta R.T. 0.00 min

Lab File: VX015760.D

Acq: 20 Apr 2020 13:06

Tgt Ion:	75	Resp:	275897
Ion Ratio	Lower	Upper	
75	100		
77	39.4	21.2	63.6





#77

Bromobenzene

Concen: 18.277 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015760.D

Acq: 20 Apr 2020 13:06

Instrument :

MSVOA_X

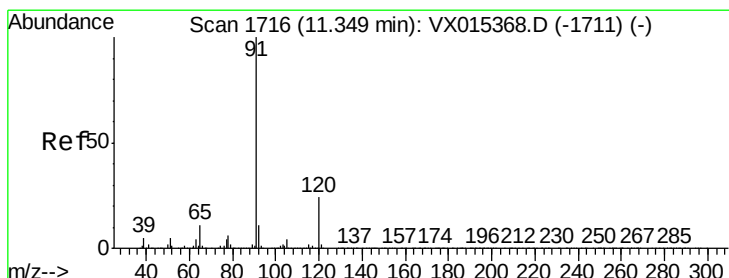
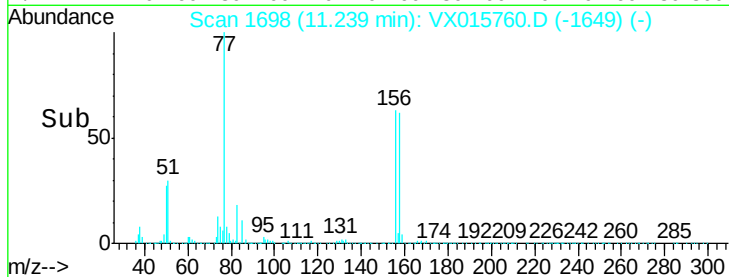
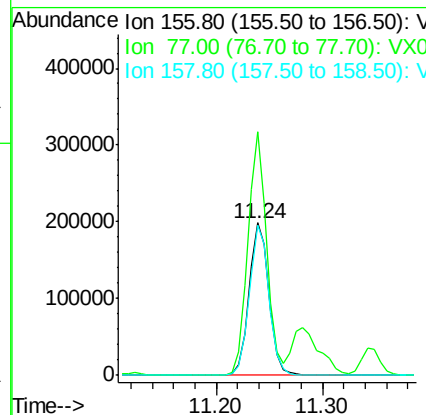
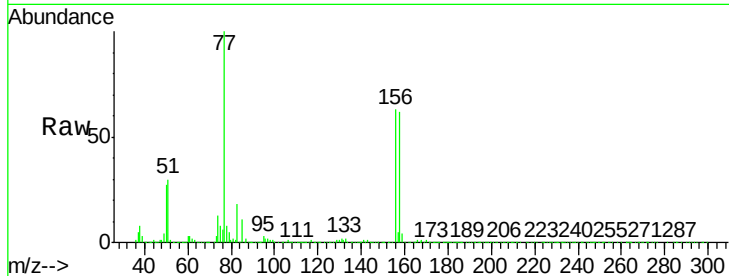
ClientSampleId :

VX0420WBS01

Tot Ion:	156	Resp:	257395
Ion Ratio	Lower	Upper	
156	100		
77	152.7	82.2	246.5
158	97.8	49.3	147.9

Manual Integrations
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4/21/2020 12:12:33 PM



#78

n-propylbenzene

Concen: 18.028 ug/l

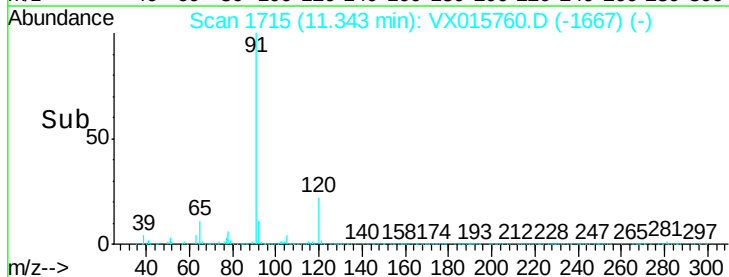
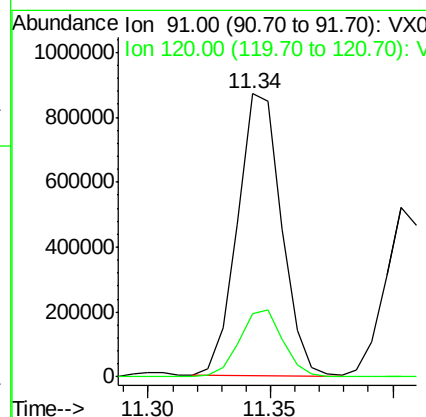
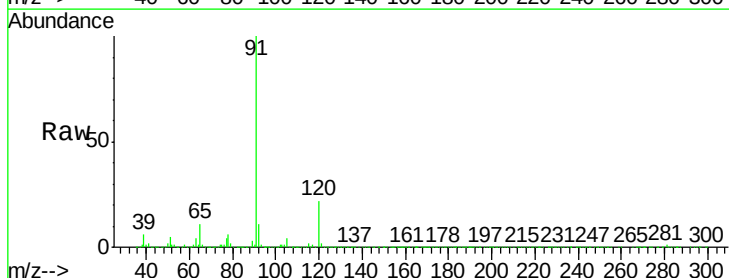
RT: 11.34 min Scan# 1715

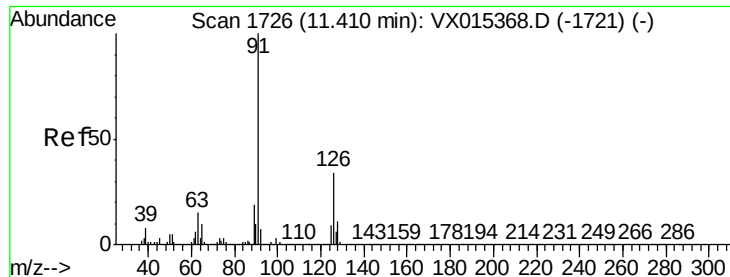
Delta R.T. -0.01 min

Lab File: VX015760.D

Acq: 20 Apr 2020 13:06

Tgt Ion:	91	Resp:	1088361
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.7	35.0





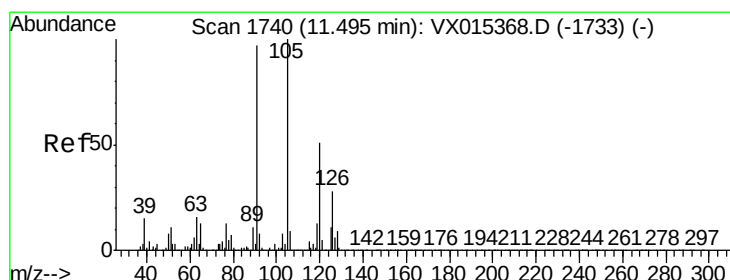
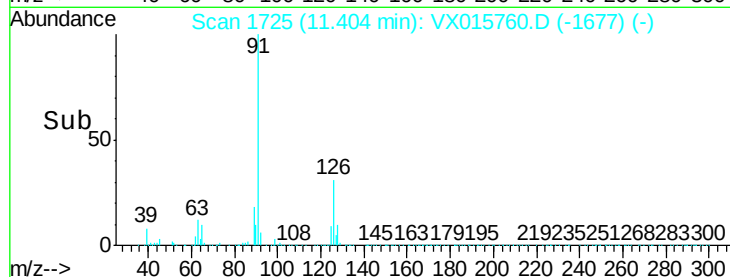
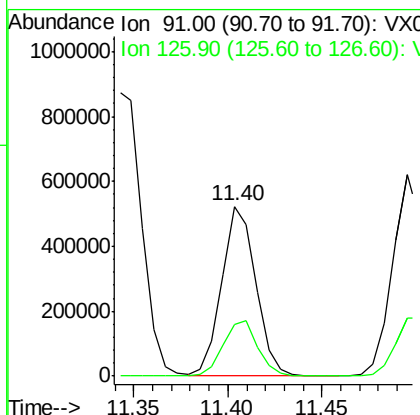
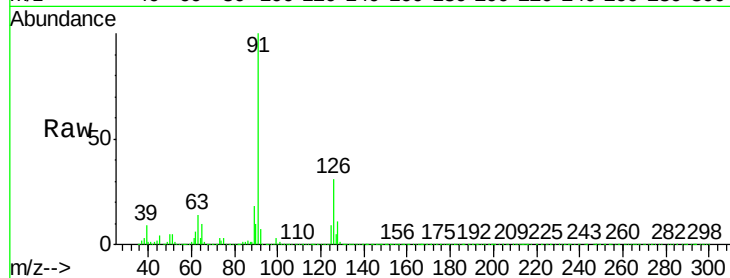
#79
2-Chlorotoluene
Concen: 17.646 ug/l
RT: 11.40 min Scan# 1725
Delta R.T. -0.01 min
Lab File: VX015760.D
Acq: 20 Apr 2020 13:06

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS01

Tot Ion: 91 Resp: 652960
Ion Ratio Lower Upper
91 100
126 33.5 16.5 49.5

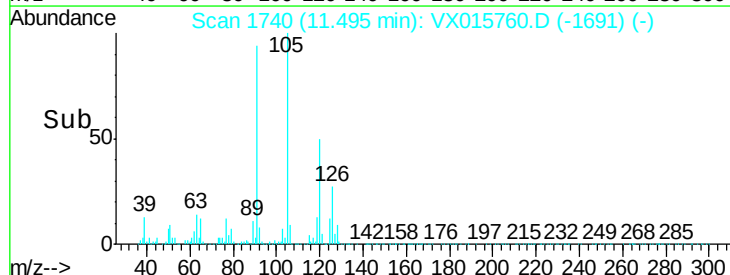
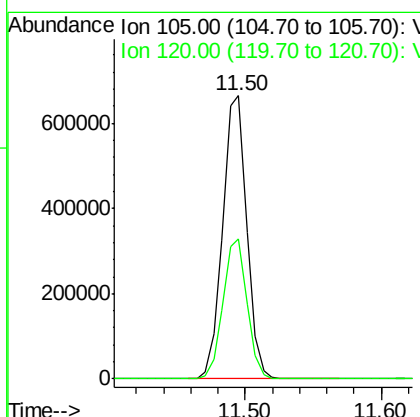
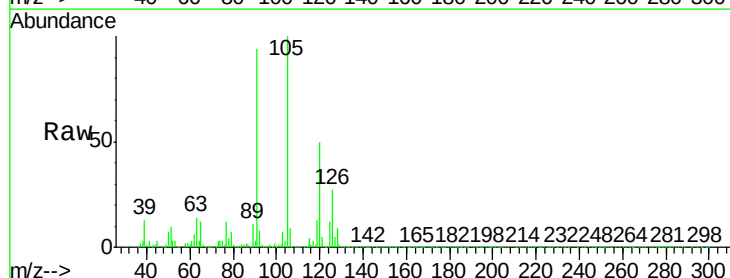
Manual Integrations
APPROVED

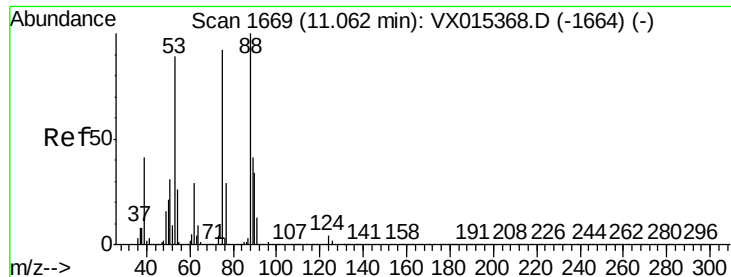
MMDadoda
4/21/2020 12:12:33 PM



#80
1,3,5-Trimethylbenzene
Concen: 18.055 ug/l
RT: 11.50 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015760.D
Acq: 20 Apr 2020 13:06

Tgt Ion: 105 Resp: 814126
Ion Ratio Lower Upper
105 100
120 49.5 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 13.754 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015760.D

Acq: 20 Apr 2020 13:06

Instrument :

MSVOA_X

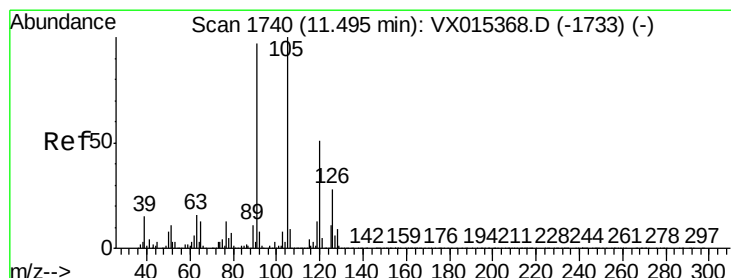
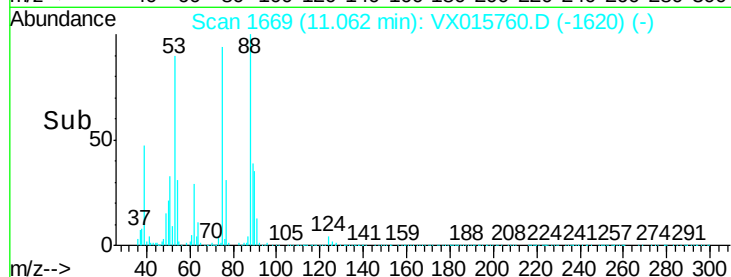
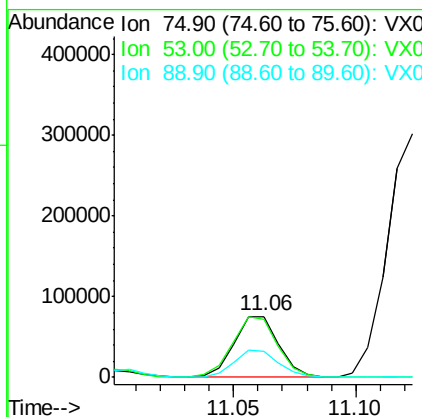
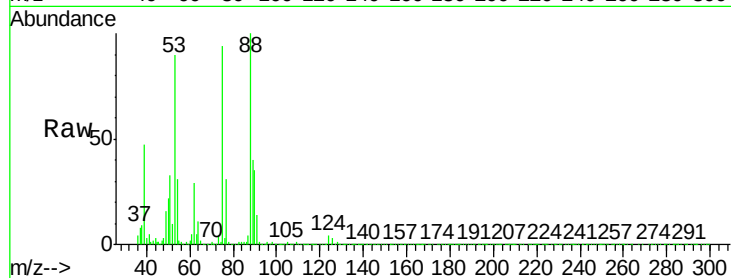
ClientSampleId :

VX0420WBS01

Tot Ion:	75	Resp:	94987
Ion Ratio	Lower	Upper	
75	100		
53	100.3	80.1	120.1
89	45.6	36.1	54.1

Manual Integrations
APPROVED

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#82

4-Chlorotoluene

Concen: 17.613 ug/l

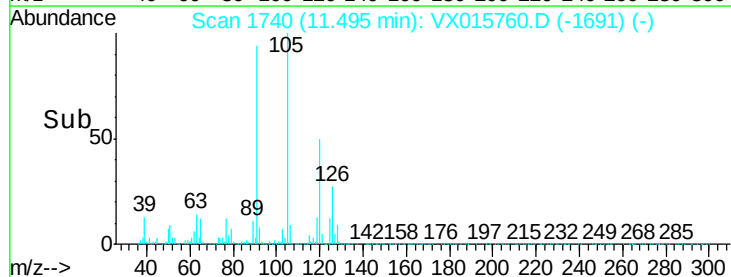
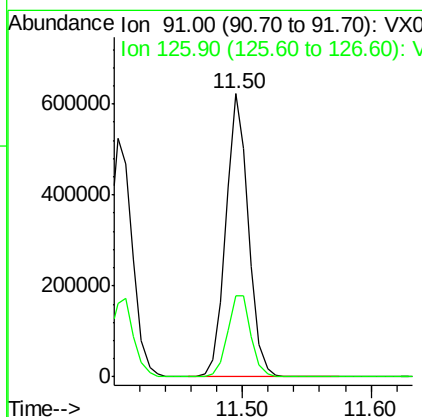
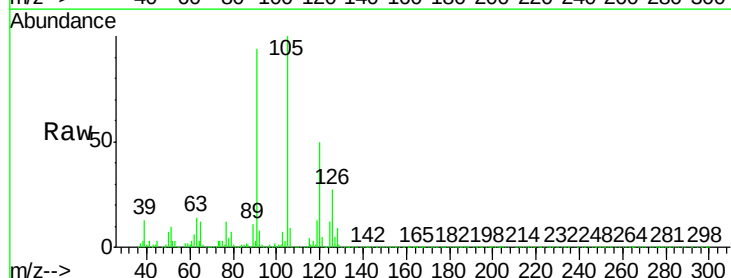
RT: 11.50 min Scan# 1740

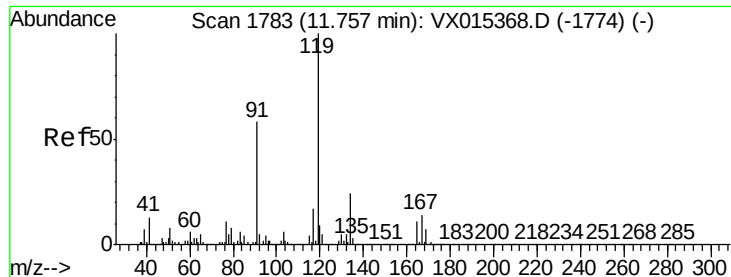
Delta R.T. 0.00 min

Lab File: VX015760.D

Acq: 20 Apr 2020 13:06

Tgt Ion:	91	Resp:	764044
Ion Ratio	Lower	Upper	
91	100		
126	29.9	14.7	44.1





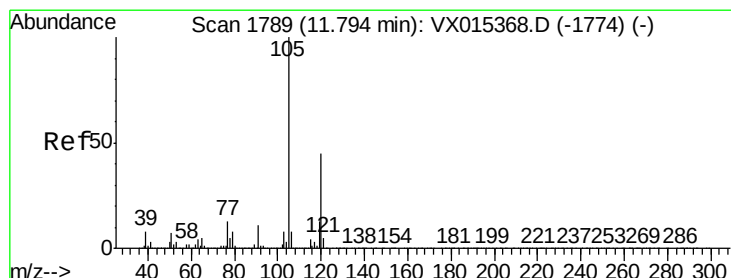
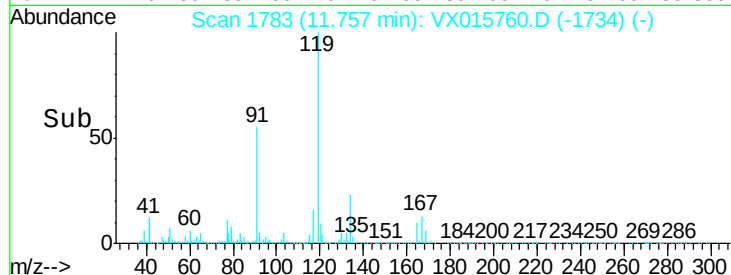
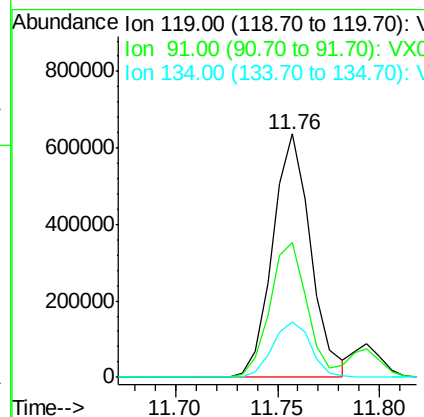
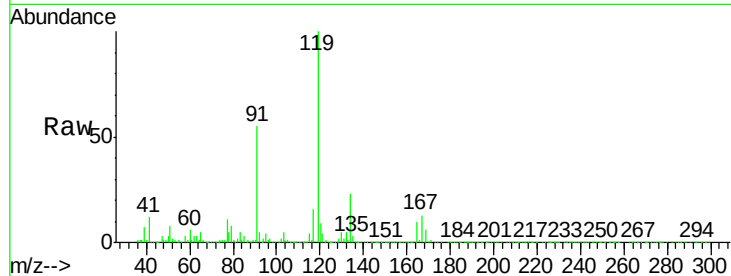
#83
 tert-Butylbenzene
 Concen: 18.802 ug/l
 RT: 11.76 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX015760.D
 Acq: 20 Apr 2020 13:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	828108		
91	53.4	28.6	85.8	
134	22.9	11.8	35.3	

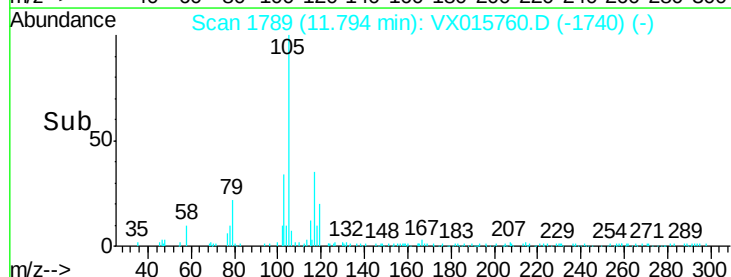
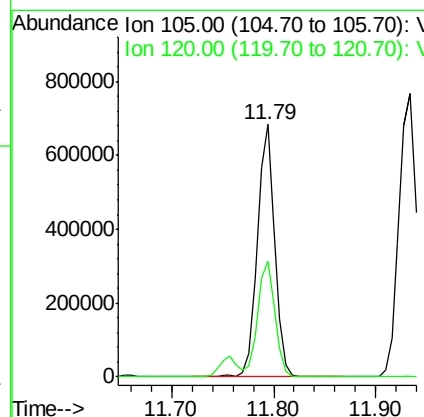
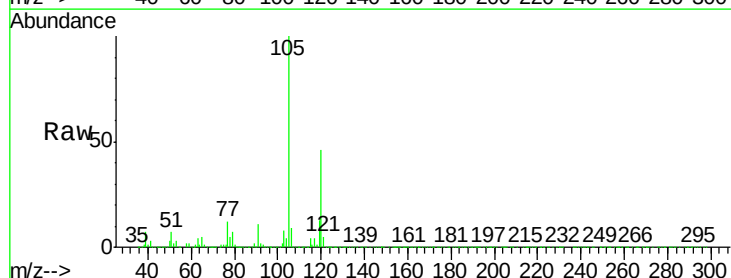
Manual Integrations
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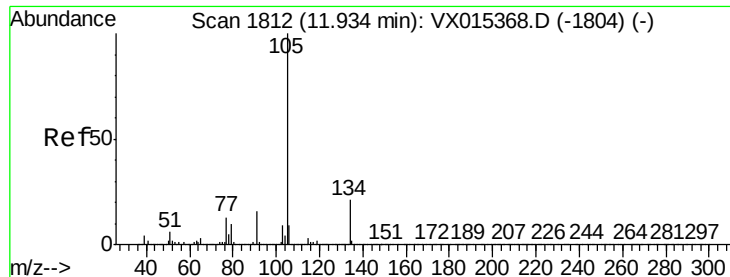
MMDadoda
 4/21/2020 12:12:33 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 17.824 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015760.D
 Acq: 20 Apr 2020 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	819017		
120	46.0	22.7	68.1	





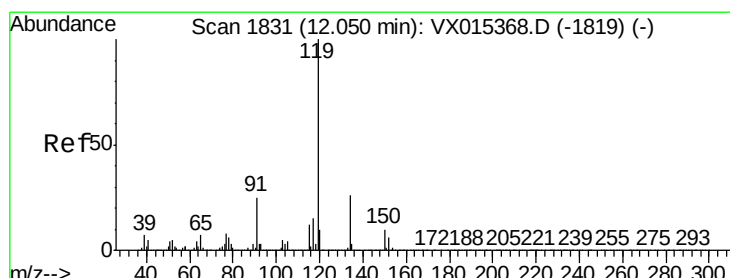
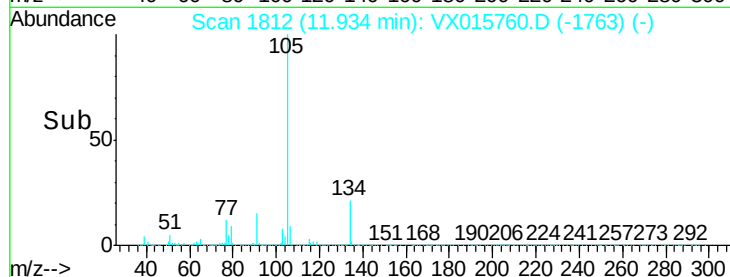
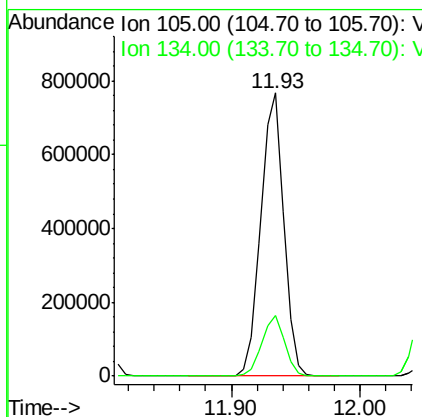
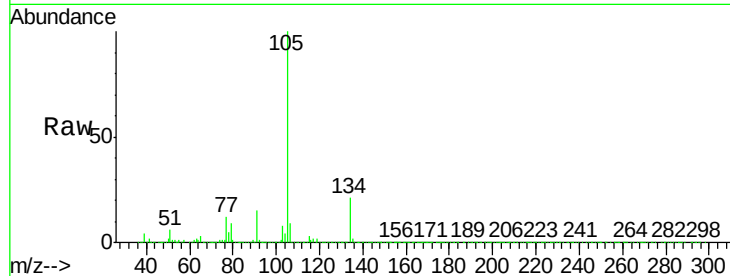
#85
 sec-Butylbenzene
 Concen: 18.426 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VX015760.D
 Acq: 20 Apr 2020 13:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	938588		
134	21.2	10.4	31.1	

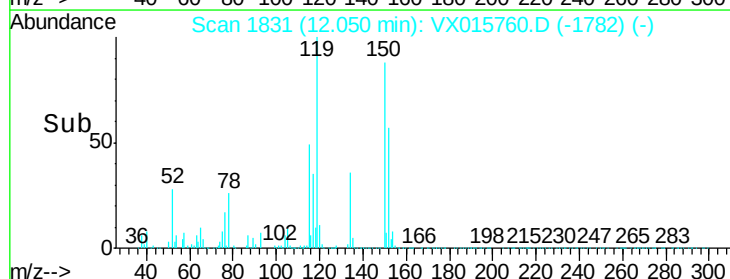
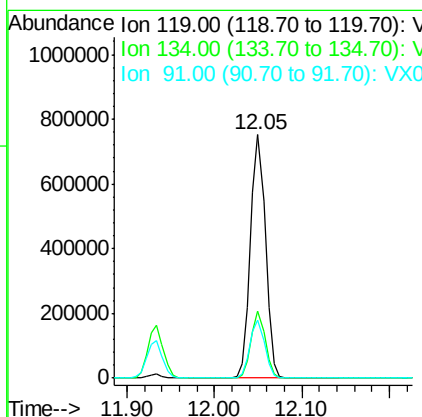
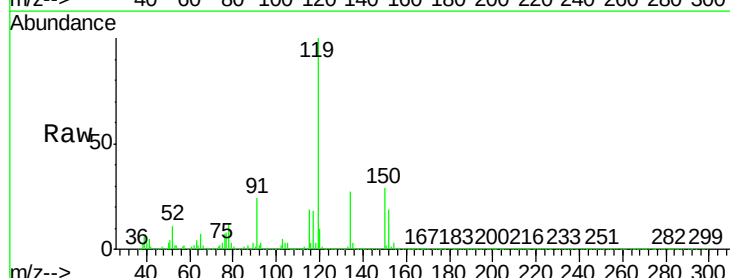
Manual Integrations
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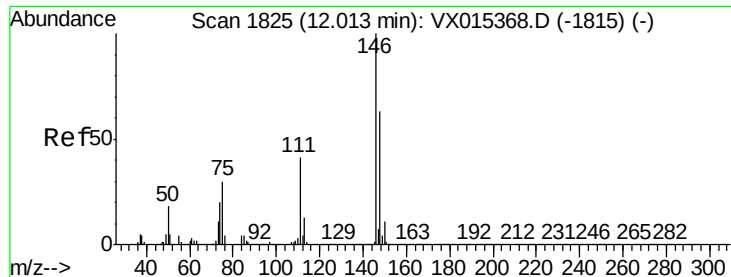
MMDadoda
 4/21/2020 12:12:33 PM



#86
 p-Isopropyltoluene
 Concen: 18.786 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: VX015760.D
 Acq: 20 Apr 2020 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	888366		
134	26.2	13.1	39.3	
91	23.5	12.4	37.4	





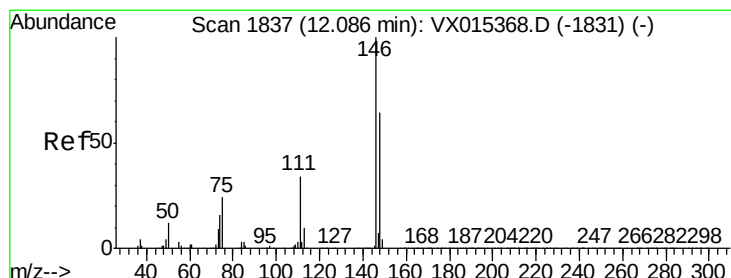
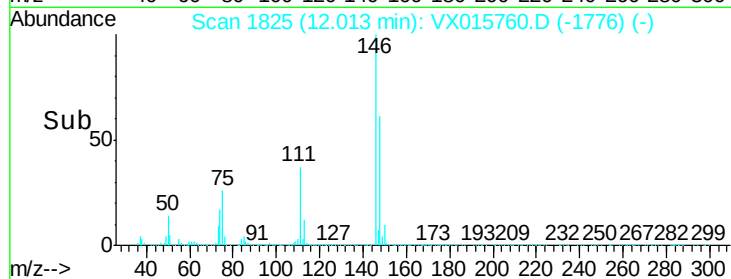
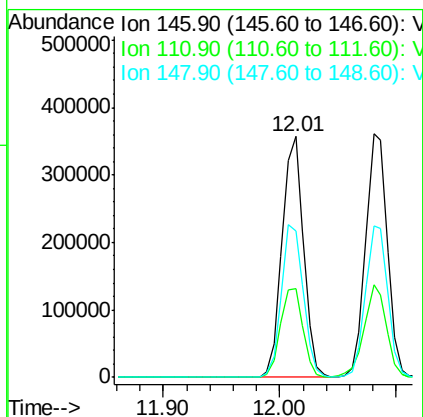
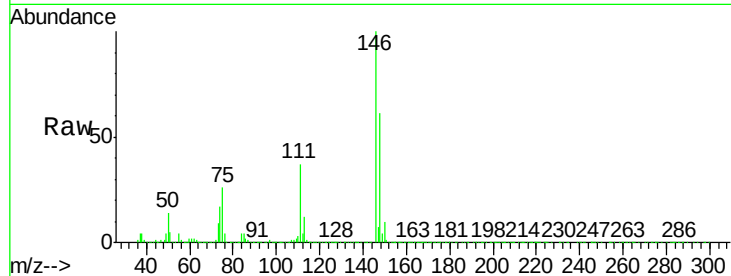
#87
 1,3-Dichlorobenzene
 Concen: 17.875 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015760.D
 Acq: 20 Apr 2020 13:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	450656		
111	38.8	20.3	60.9	
148	64.6	31.3	93.9	

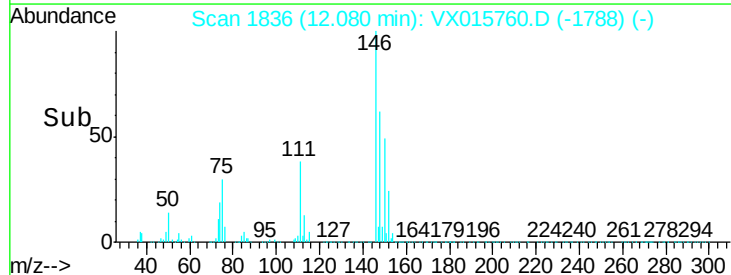
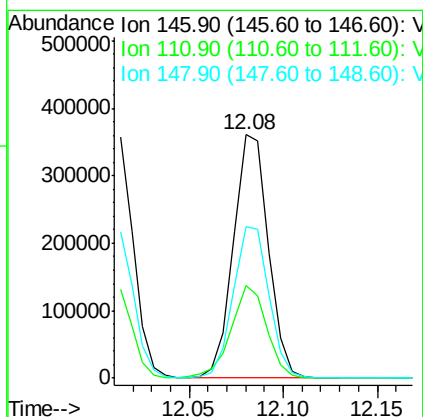
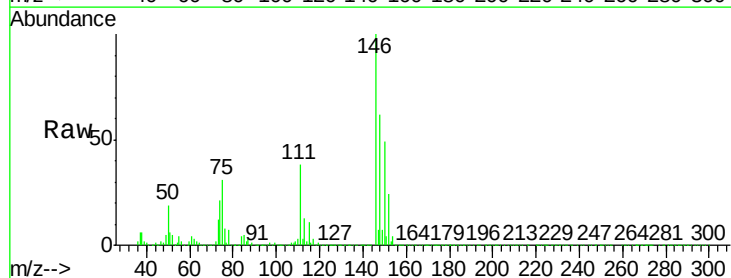
Manual Integrations
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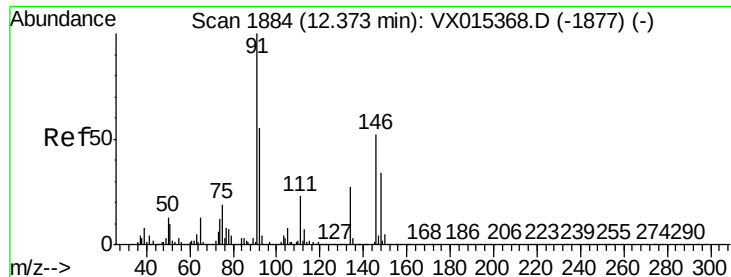
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#88
 1,4-Dichlorobenzene
 Concen: 18.068 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015760.D
 Acq: 20 Apr 2020 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	463987		
111	38.7	19.1	57.5	
148	63.8	32.4	97.2	





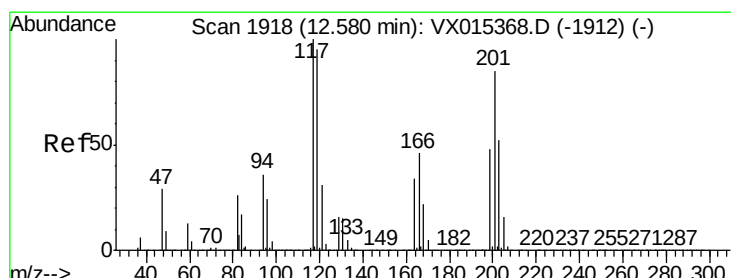
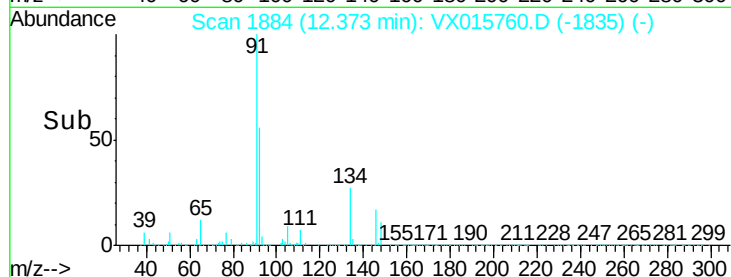
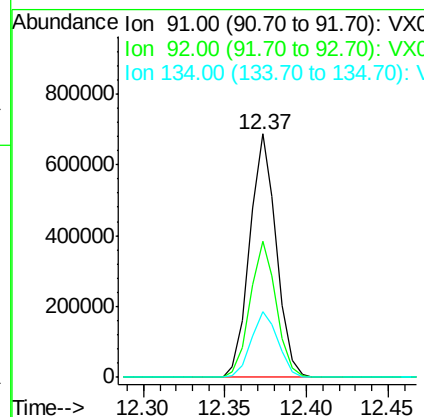
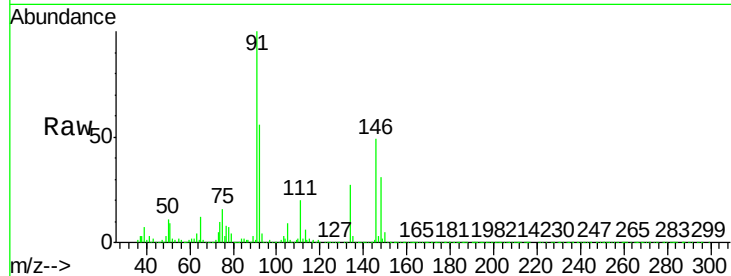
#89
n-Butylbenzene
Concen: 18.215 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015760.D
Acq: 20 Apr 2020 13:06

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	778389		
92	55.4		27.2	81.5
134	27.5		13.4	40.2

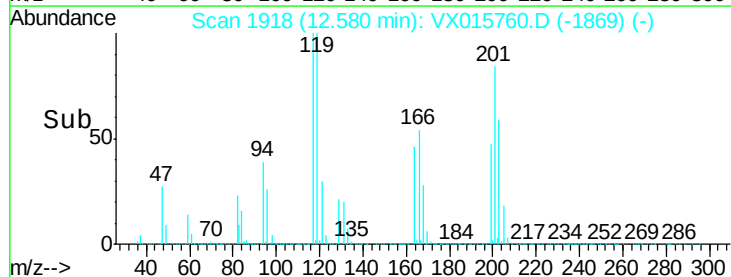
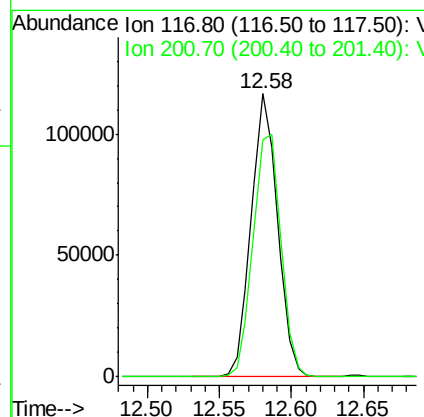
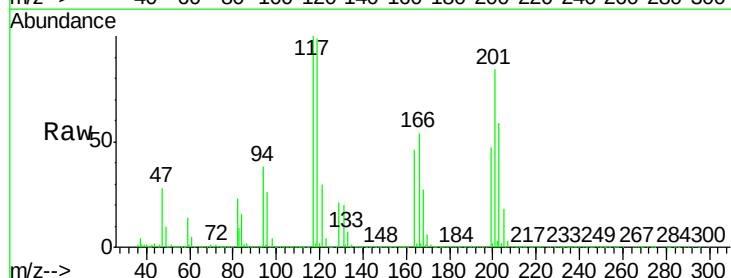
Manual Integrations
APPROVED

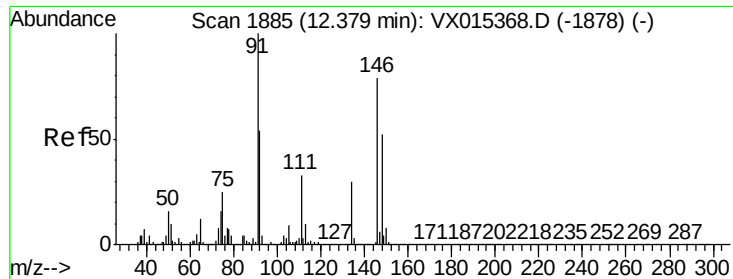
MMDadoda
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#90
Hexachloroethane
Concen: 16.001 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015760.D
Acq: 20 Apr 2020 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	147270		
201	90.9		42.6	128.0





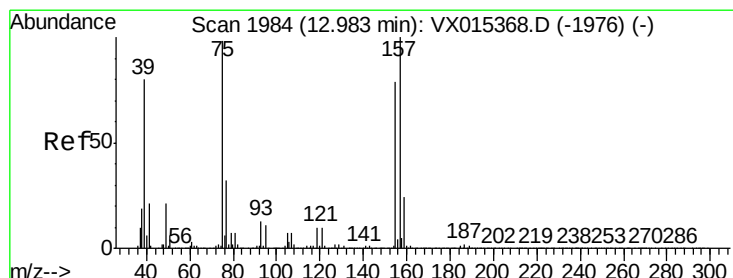
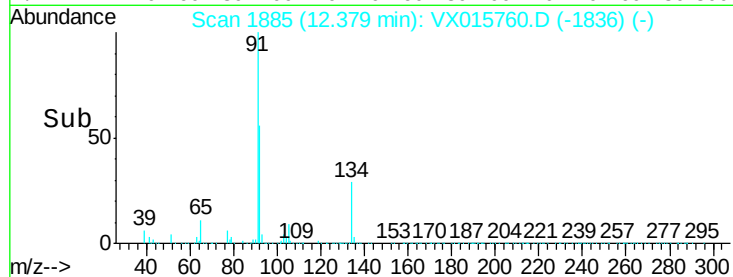
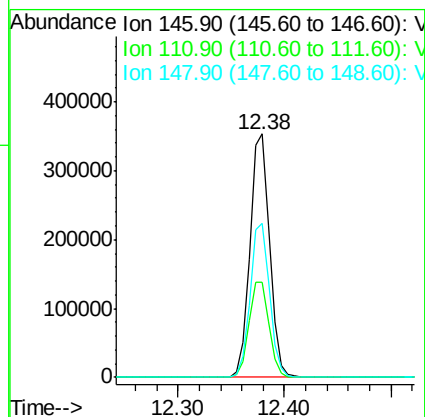
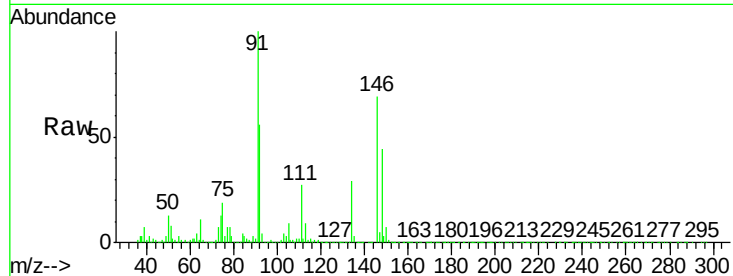
#91
 1,2-Dichlorobenzene
 Concen: 18.510 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015760.D
 Acq: 20 Apr 2020 13:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	456696		
111	40.3	21.0	63.0	
148	62.7	32.4	97.0	

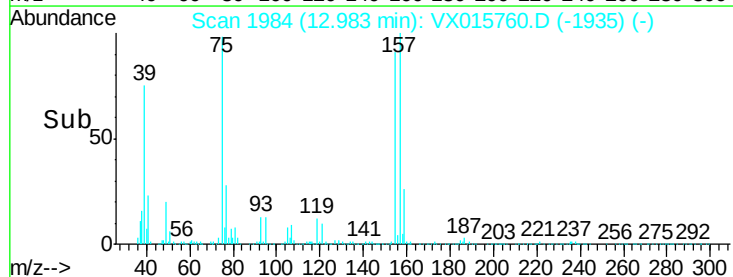
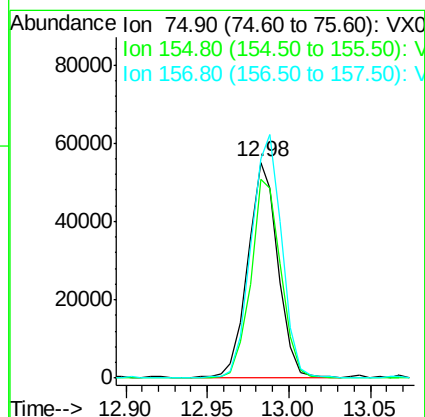
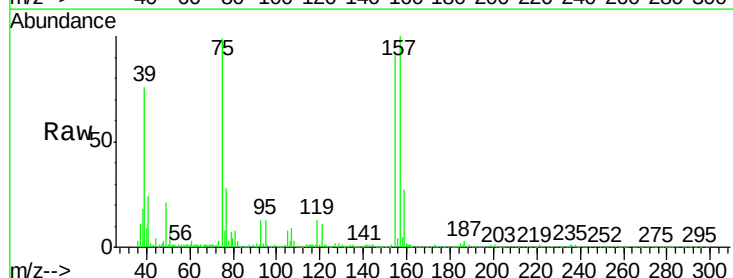
Manual Integrations
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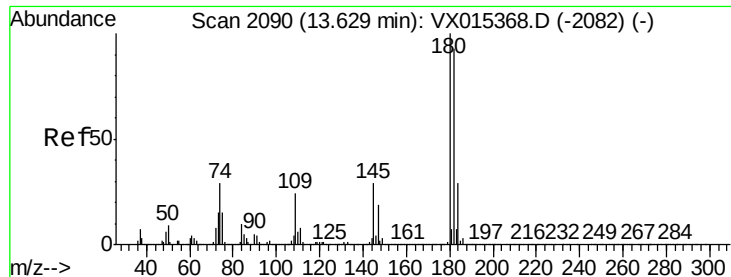
MMDadoda
 4/21/2020 12:12:33 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 13.673 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015760.D
 Acq: 20 Apr 2020 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	69914		
155	93.2	42.8	128.4	
157	116.1	53.4	160.3	





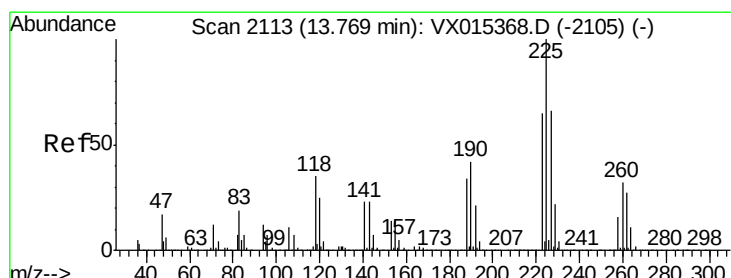
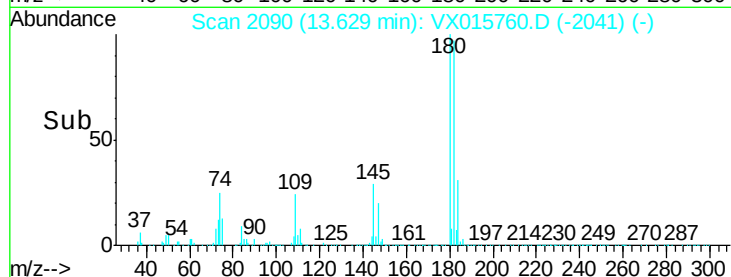
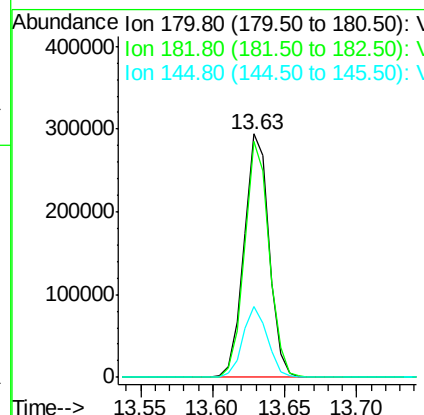
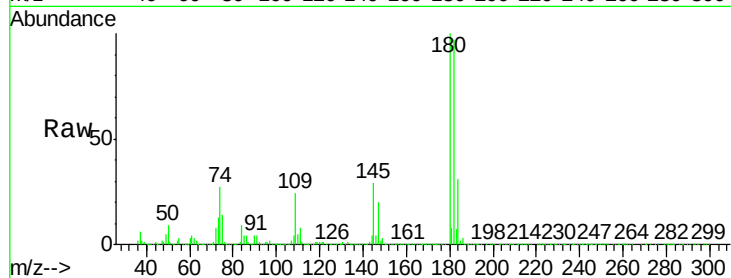
#93
 1,2,4-Trichlorobenzene
 Concen: 18.126 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015760.D
 Acq: 20 Apr 2020 13:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	353746		
182	95.3	46.9	140.7	
145	28.8	14.9	44.5	

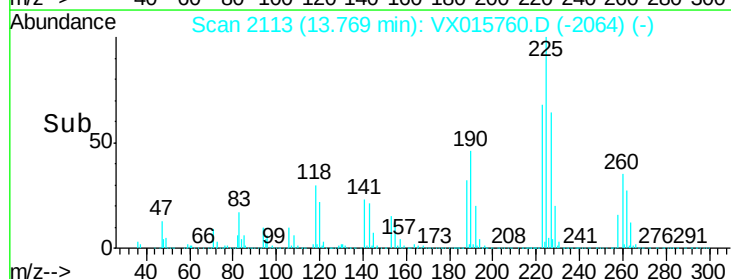
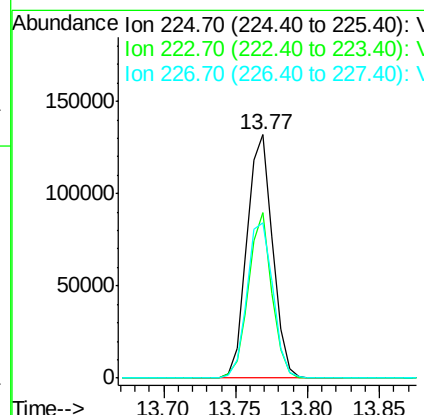
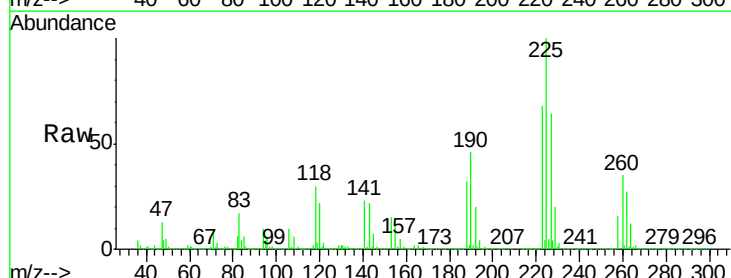
Manual Integrations
 APPROVED

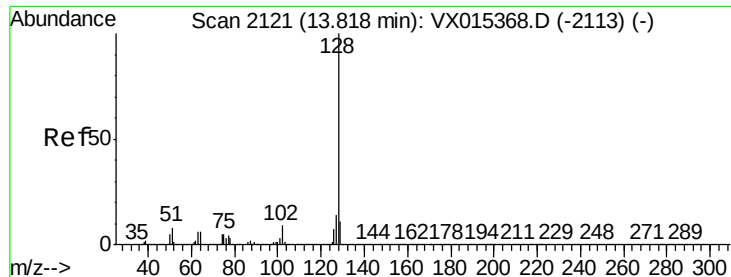
MMDadoda
 4/21/2020 12:12:33 PM



#94
 Hexachlorobutadiene
 Concen: 17.500 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015760.D
 Acq: 20 Apr 2020 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	162606		
223	61.9	31.9	95.7	
227	64.7	30.4	91.3	





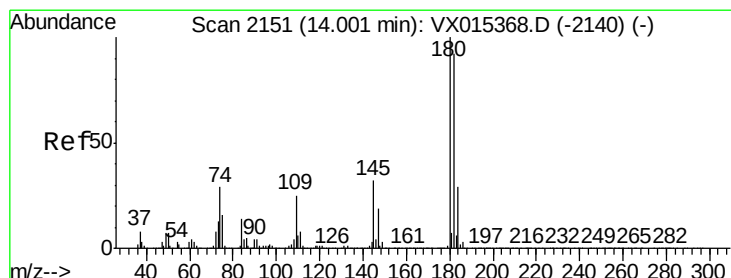
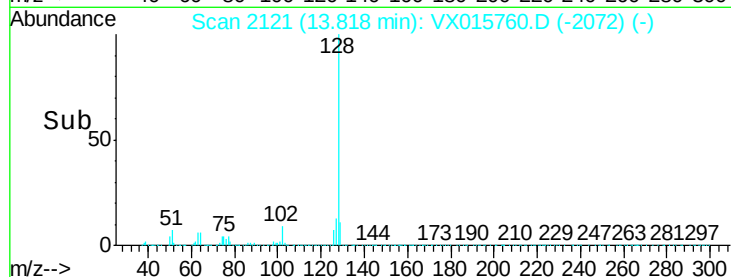
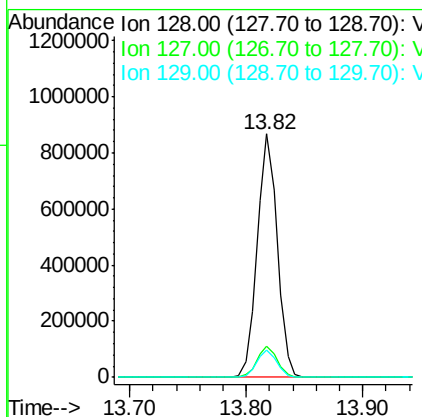
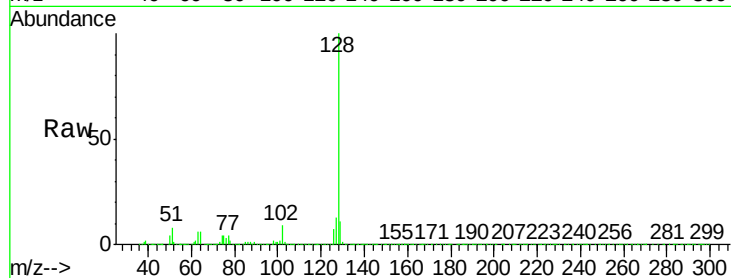
#95
Naphthalene
Concen: 17.536 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015760.D
Acq: 20 Apr 2020 13:06

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	11.1	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
4/21/2020 12:12:33 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.348 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. 0.00 min
Lab File: VX015760.D
Acq: 20 Apr 2020 13:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	46.7	140.0
145	31.1	15.8	47.3

