

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042120\
 Data File : VX015813.D
 Acq On : 21 Apr 2020 23:26
 Operator : JC/SP
 Sample : VX0421WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBS02

Manual Integrations
 APPROVED

MMDadoda
 4/22/2020 10:00:37 AM

Quant Time: Apr 22 06:50:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	905124	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1434525	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1317756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	727898	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	556002	43.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.10%	
35) Dibromofluoromethane	5.48	113	443139	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
50) Toluene-d8	8.70	98	1699152	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
62) 4-Bromofluorobenzene	11.12	95	686570	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	105517	13.232	ug/l	96
3) Chloromethane	1.31	50	119369	11.754	ug/l	96
4) Vinyl Chloride	1.39	62	145423	15.595	ug/l	100
5) Bromomethane	1.64	94	63592	8.001	ug/l	90
6) Chloroethane	1.72	64	92597	16.011	ug/l	99
7) Trichlorofluoromethane	1.92	101	202689	16.208	ug/l	98
8) Diethyl Ether	2.17	74	85420	16.195	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	139390	17.098	ug/l	97
10) Methyl Iodide	2.50	142	165739	15.079	ug/l	95
11) Tert butyl alcohol	3.01	59	204587	66.956	ug/l	100
12) 1,1-Dichloroethene	2.36	96	136993	16.031	ug/l	93
13) Acrolein	2.28	56	174216	100.091	ug/l	100
14) Allyl chloride	2.71	41	304589	15.255	ug/l	96
15) Acrylonitrile	3.12	53	497522	85.380	ug/l	99
16) Acetone	2.42	43	464709	84.732	ug/l	96
17) Carbon Disulfide	2.56	76	375338	14.398	ug/l	98
18) Methyl Acetate	2.75	43	270622	19.333	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	563800	17.012	ug/l	98
20) Methylene Chloride	2.84	84	166082	16.212	ug/l	93
21) trans-1,2-Dichloroethene	3.15	96	154740	16.316	ug/l	94
22) Diisopropyl ether	3.83	45	607329	17.165	ug/l	88
23) Vinyl Acetate	3.79	43	2624681	81.934	ug/l	99
24) 1,1-Dichloroethane	3.67	63	303966	16.317	ug/l	99
25) 2-Butanone	4.64	43	699972	79.360	ug/l	99
26) 2,2-Dichloropropane	4.56	77	226719	14.827	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	186803	17.025	ug/l	96
28) Bromochloromethane	4.98	49	159281	17.908	ug/l	94
29) Tetrahydrofuran	5.09	42	457880	80.751	ug/l	97
30) Chloroform	5.18	83	305456	17.043	ug/l	97
31) Cyclohexane	5.56	56	259519	16.059	ug/l	96
32) 1,1,1-Trichloroethane	5.47	97	266448	16.427	ug/l	98
36) 1,1-Dichloropropene	5.78	75	220579	16.688	ug/l	98
37) Ethyl Acetate	4.80	43	283114	16.450	ug/l	99
38) Carbon Tetrachloride	5.76	117	213415	14.907	ug/l	99

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MMDadoda
 4/22/2020 10:00:37 AM

Quant Time: Apr 22 06:50:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	252783	16.587	ug/l	95
40) Benzene	6.12	78	675097	17.436	ug/l	99
41) Methacrylonitrile	5.01	41	161038	16.856	ug/l	97
42) 1,2-Dichloroethane	6.17	62	251751	16.188	ug/l	96
43) Isopropyl Acetate	6.42	43	479468	16.503	ug/l	97
44) Trichloroethene	7.19	130	241447	22.866	ug/l	100
45) 1,2-Dichloropropane	7.50	63	188007	17.750	ug/l	99
46) Dibromomethane	7.64	93	123651	17.797	ug/l	96
47) Bromodichloromethane	7.88	83	246648	16.660	ug/l	98
48) Methyl methacrylate	7.75	41	236701	16.311	ug/l	95
49) 1,4-Dioxane	7.72	88	81200	299.951	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1451763	88.174	ug/l	99
52) Toluene	8.77	92	439277	18.402	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	283589	16.333	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	301061	17.022	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	182097	18.620	ug/l	91
56) Ethyl methacrylate	9.16	69	307848	17.861	ug/l	95
57) 1,3-Dichloropropane	9.35	76	310706	17.633	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	743938	88.738	ug/l	98
59) 2-Hexanone	9.48	43	1084160	87.218	ug/l	97
60) Dibromochloromethane	9.57	129	196047	16.682	ug/l	99
61) 1,2-Dibromoethane	9.65	107	191377	17.997	ug/l	98
64) Tetrachloroethene	9.32	164	327066	32.888	ug/l	99
65) Chlorobenzene	10.12	112	486759	18.522	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.21	131	188060	17.912	ug/l	100
67) Ethyl Benzene	10.24	91	840896	18.041	ug/l	100
68) m/p-Xylenes	10.34	106	636173	36.654	ug/l	98
69) o-Xylene	10.68	106	312426	18.217	ug/l	97
70) Styrene	10.70	104	544673	18.048	ug/l	98
71) Bromoform	10.84	173	147953	15.480	ug/l #	99
73) Isopropylbenzene	11.01	105	837912	17.569	ug/l	99
74) N-amyl acetate	10.88	43	439699	16.576	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	180782	11.047	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	248462m	16.599	ug/l	
77) Bromobenzene	11.24	156	219658	17.267	ug/l	96
78) n-propylbenzene	11.34	91	935141	17.147	ug/l	99
79) 2-Chlorotoluene	11.41	91	568548	17.009	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	713064	17.506	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	96947	15.540	ug/l	94
82) 4-Chlorotoluene	11.49	91	659597	16.832	ug/l	97
83) tert-Butylbenzene	11.76	119	631061	15.861	ug/l	93
84) 1,2,4-Trimethylbenzene	11.79	105	713832	17.198	ug/l	99
85) sec-Butylbenzene	11.93	105	809347	17.589	ug/l	100
86) p-Isopropyltoluene	12.05	119	776585	18.180	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	406170	17.835	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	407910	17.584	ug/l	100
89) n-Butylbenzene	12.37	91	655422	16.979	ug/l	99
90) Hexachloroethane	12.58	117	67947	8.172	ug/l	92
91) 1,2-Dichlorobenzene	12.38	146	398524	17.881	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	62740	13.583	ug/l	89

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Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS02

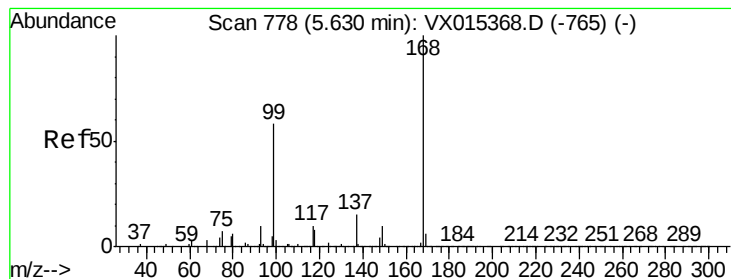
Manual Integrations
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4/22/2020 10:00:37 AM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	315514	17.897	ug/l	98
94) Hexachlorobutadiene	13.77	225	137801	16.418	ug/l	97
95) Naphthalene	13.82	128	927256	17.243	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	304660	17.949	ug/l	96

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



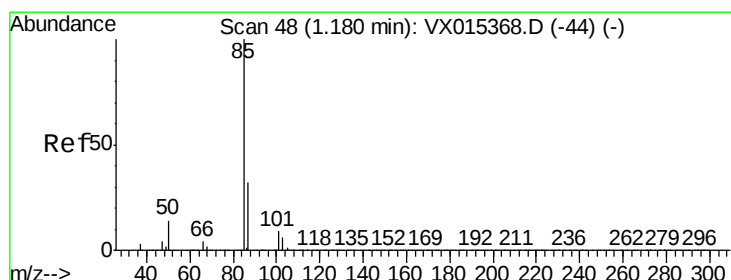
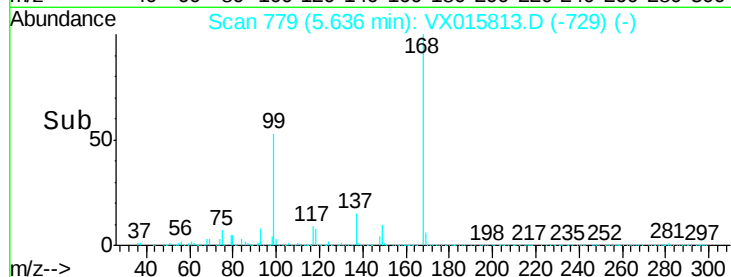
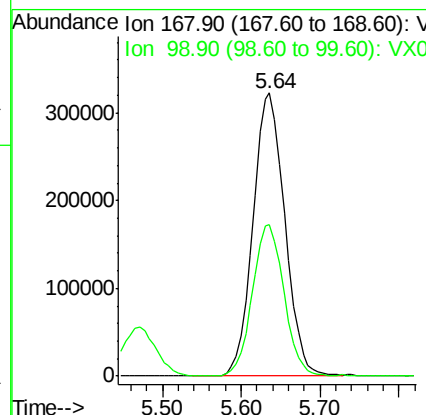
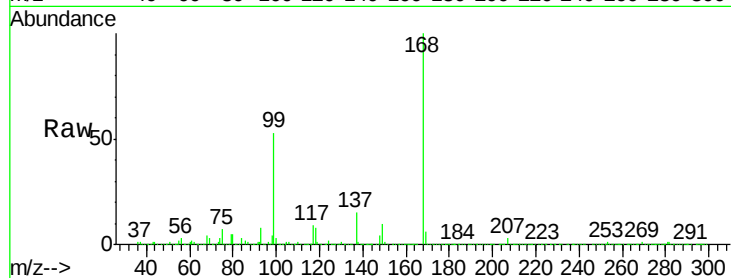
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 779
Delta R.T. 0.01 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS02

Tot Ion	Ratio	Resp	Lower	Upper
168	100	905124		
99	53.2	46.4	69.6	

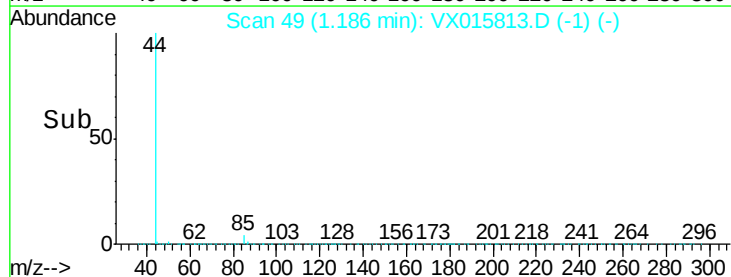
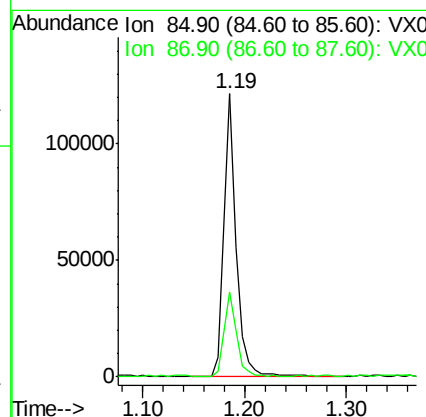
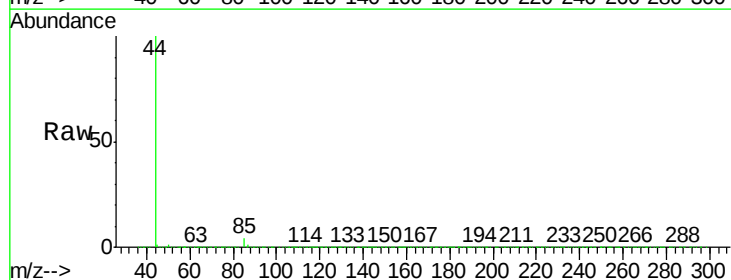
Manual Integrations
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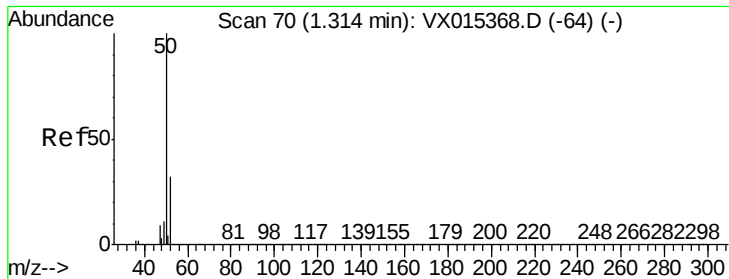
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#2
Dichlorodifluoromethane
Concen: 13.232 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.01 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	105517		
87	29.9	16.0	47.9	





#3

Chloromethane

Concen: 11.754 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS02

Tot Ion: 50 Resp: 119369

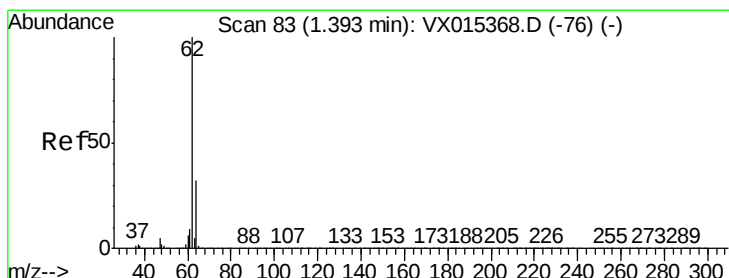
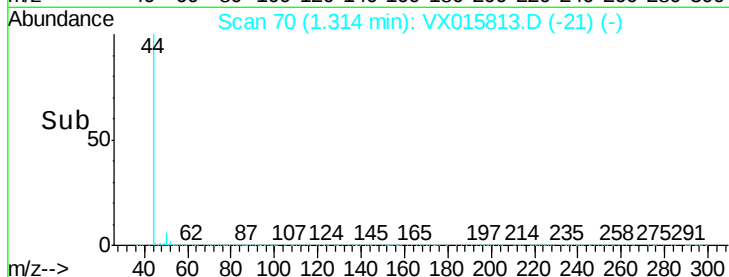
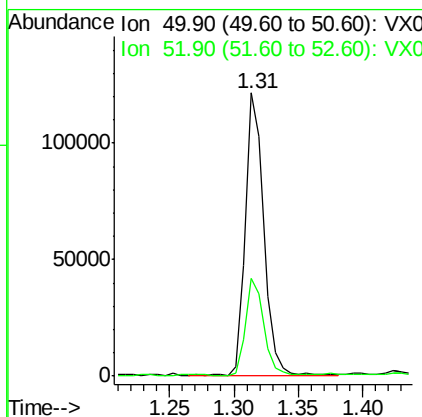
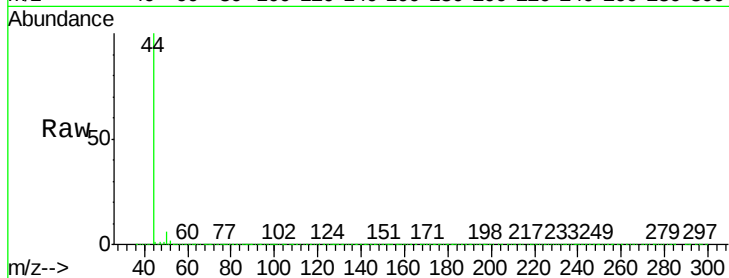
Ion Ratio Lower Upper

50 100

52 33.9 25.3 37.9

Manual Integrations
APPROVED

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4/22/2020 10:00:37 AM



#4

Vinyl Chloride

Concen: 15.595 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015813.D

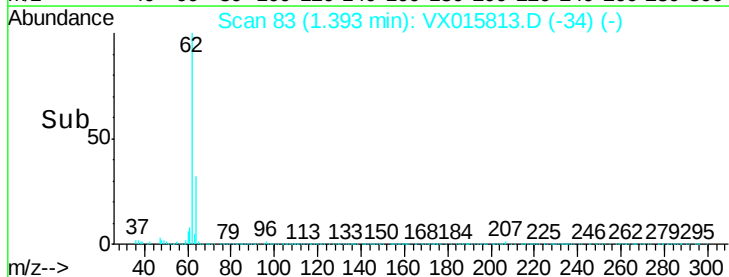
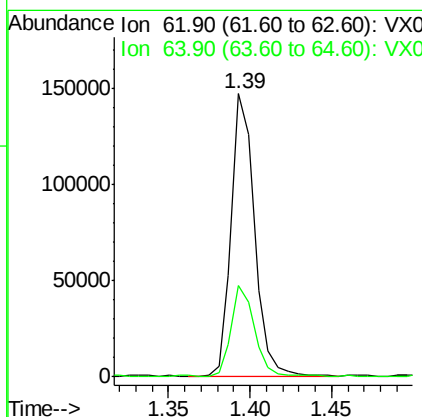
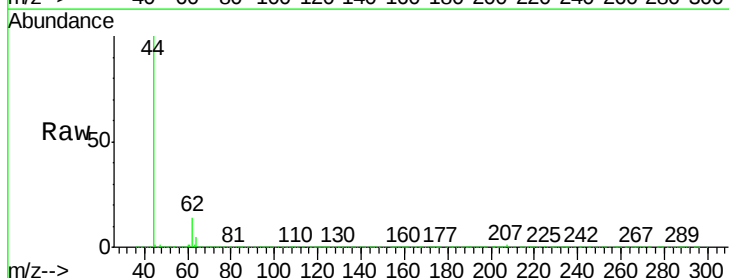
Acq: 21 Apr 2020 23:26

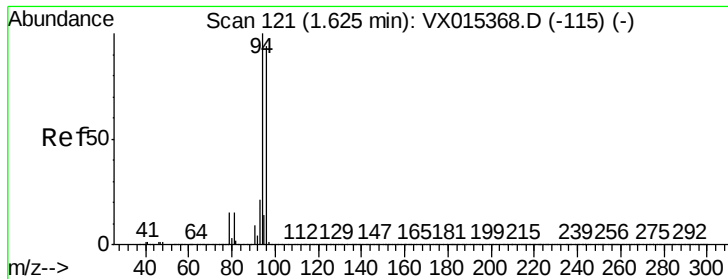
Tgt Ion: 62 Resp: 145423

Ion Ratio Lower Upper

62 100

64 32.3 26.0 39.0





#5

Bromomethane

Concen: 8.001 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS02

Tot Ion: 94 Resp: 63592

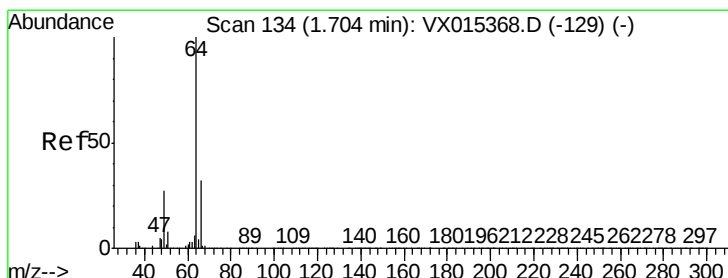
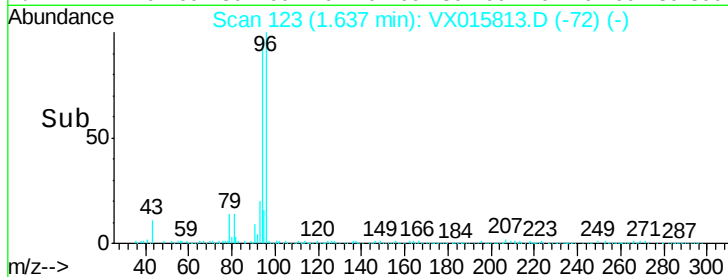
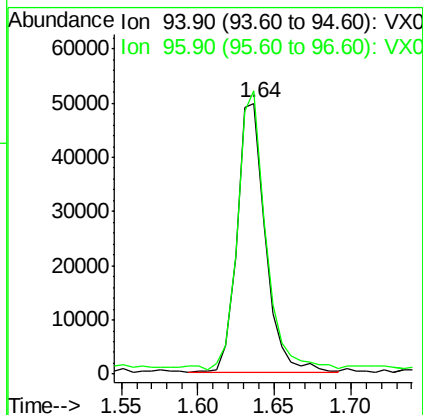
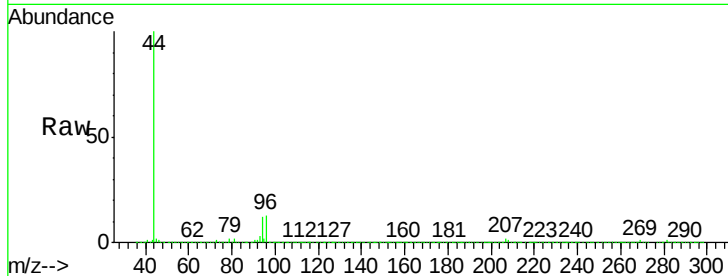
Ion Ratio Lower Upper

94 100

96 102.9 74.8 112.2

Manual Integrations
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#6

Chloroethane

Concen: 16.011 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX015813.D

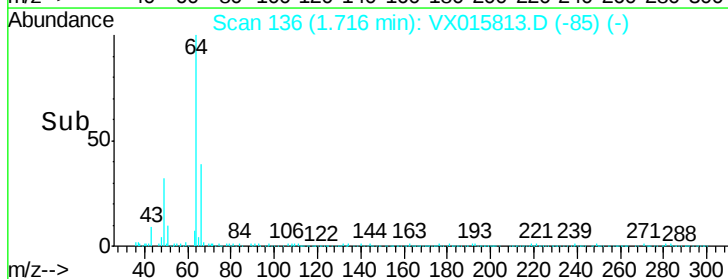
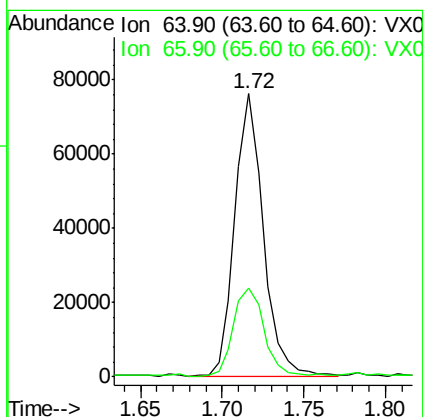
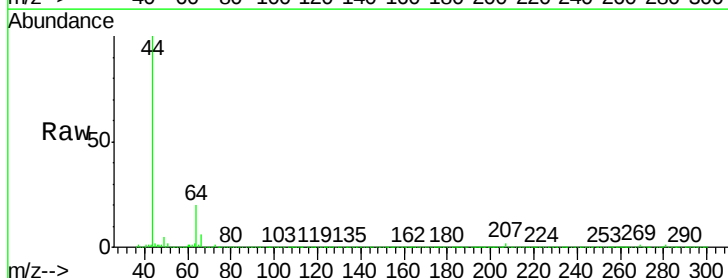
Acq: 21 Apr 2020 23:26

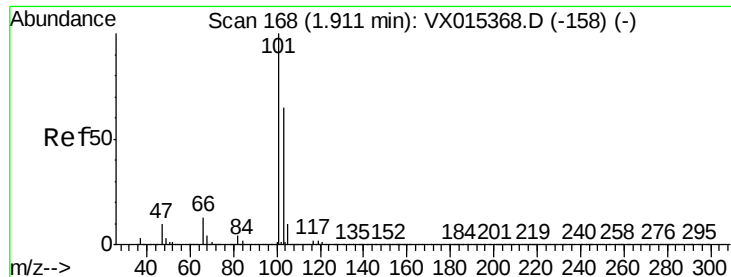
Tgt Ion: 64 Resp: 92597

Ion Ratio Lower Upper

64 100

66 31.3 25.4 38.2





#7

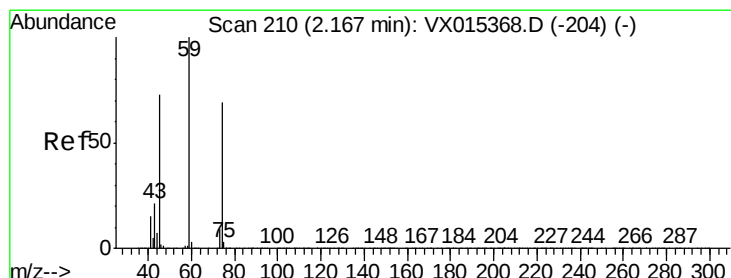
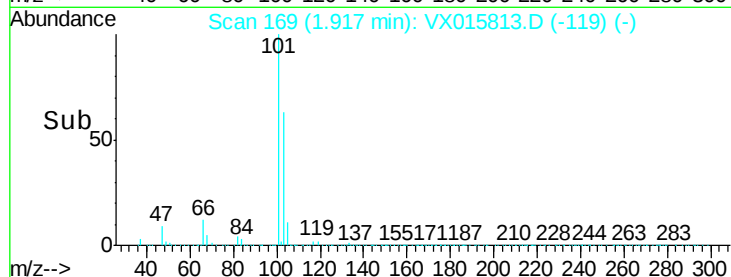
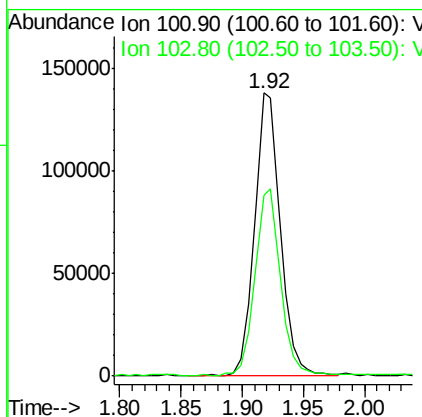
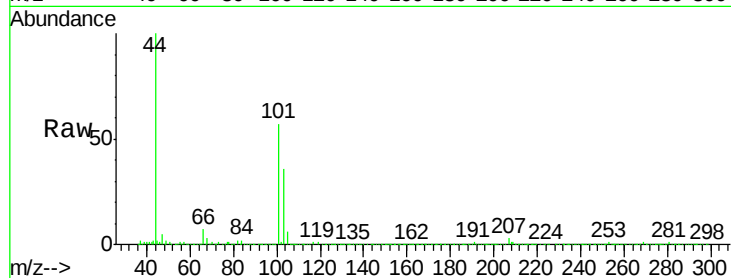
Trichlorofluoromethane
 Concen: 16.208 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.01 min
 Lab File: VX015813.D
 Acq: 21 Apr 2020 23:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.5	52.3	78.5

Manual Integrations
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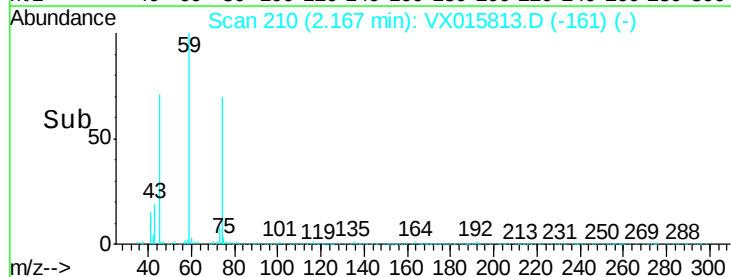
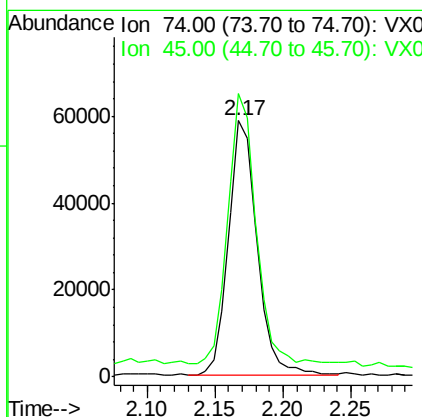
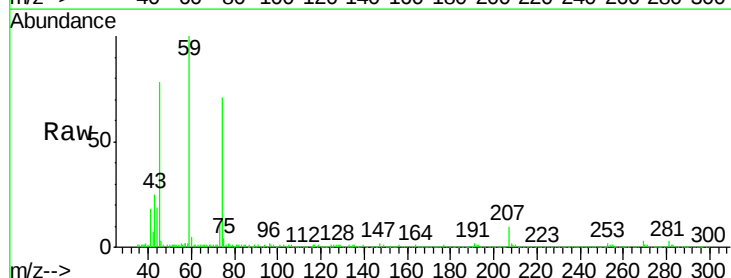
MMDadoda
 4/22/2020 10:00:37 AM

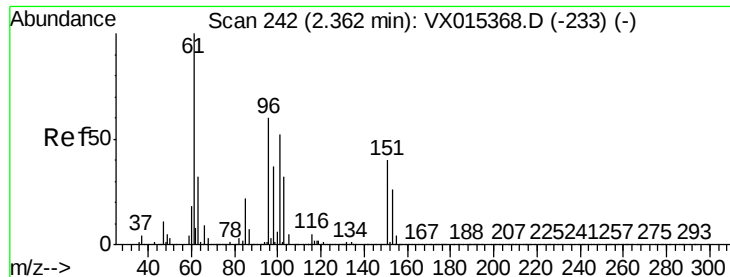


#8

Diethyl Ether
 Concen: 16.195 ug/l
 RT: 2.17 min Scan# 210
 Delta R.T. -0.00 min
 Lab File: VX015813.D
 Acq: 21 Apr 2020 23:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.5	53.8	161.4





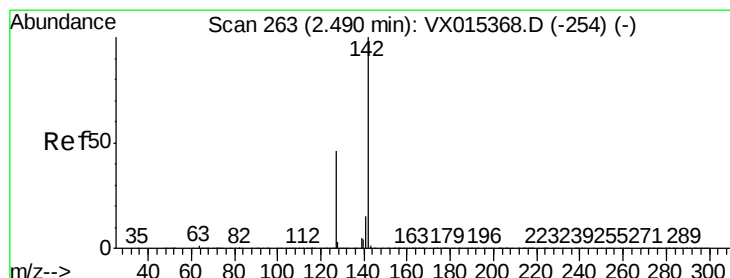
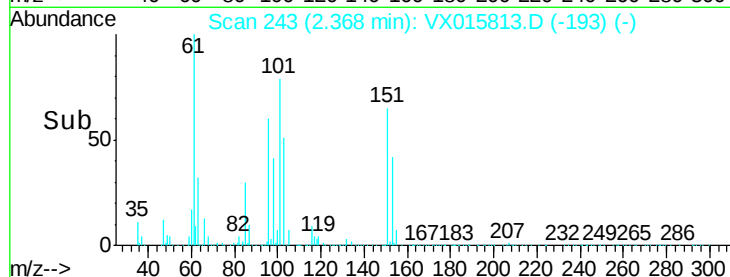
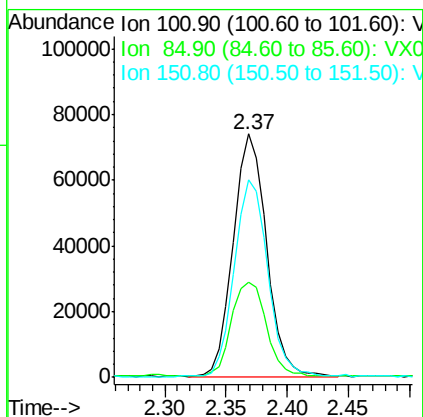
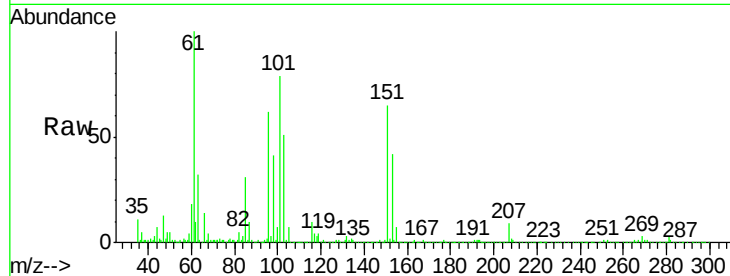
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.098 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS02

Tot Ion	Ratio	Resp Lower	Resp Upper
101	100		
85	40.6	35.0	52.4
151	82.2	64.1	96.1

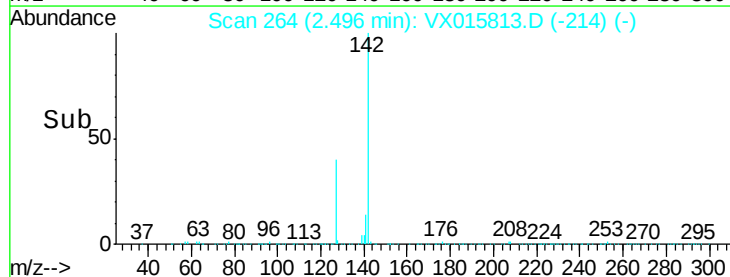
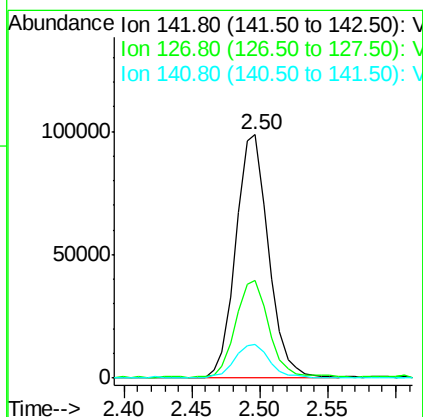
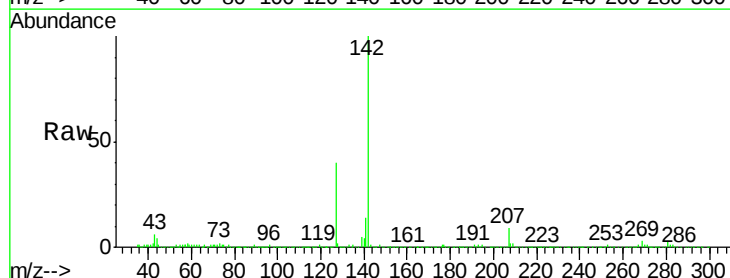
Manual Integrations
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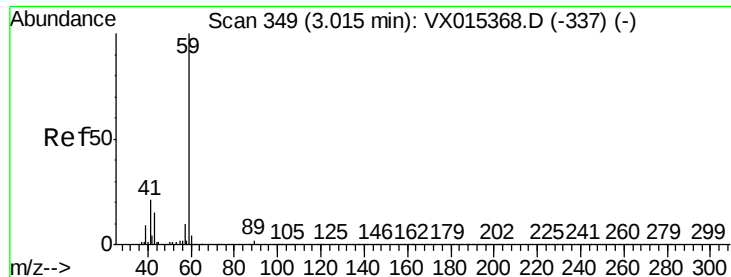
MMDadoda
4/22/2020 10:00:37 AM



#10
Methyl Iodide
Concen: 15.079 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.01 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
127	40.6	35.9	53.9
141	14.6	11.6	17.4





#11

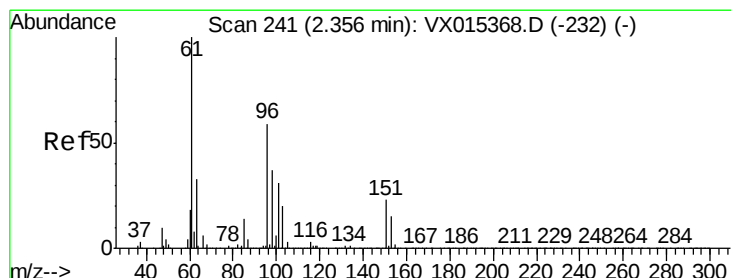
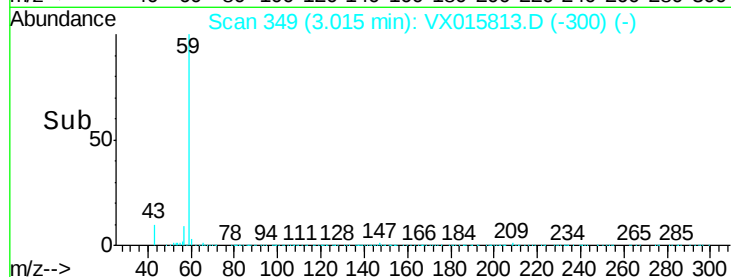
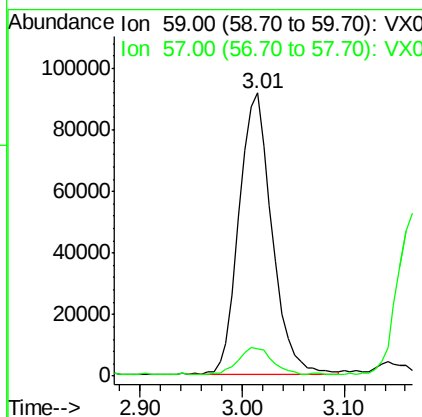
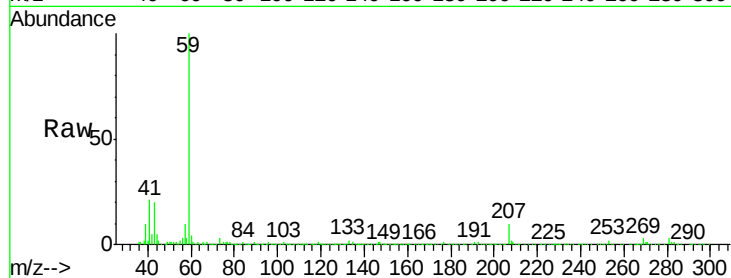
Tert butyl alcohol
Concen: 66.956 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Instrument :
MSVOA_X
ClientSampled :
VX0421WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.1	12.1

Manual Integrations
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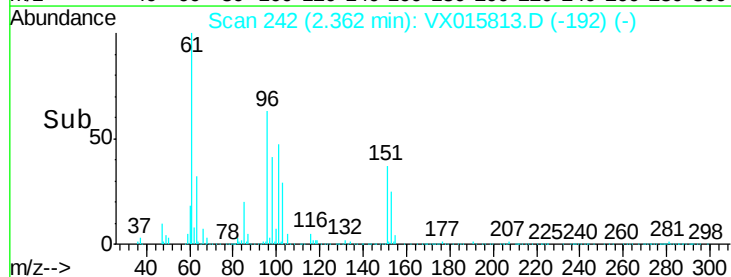
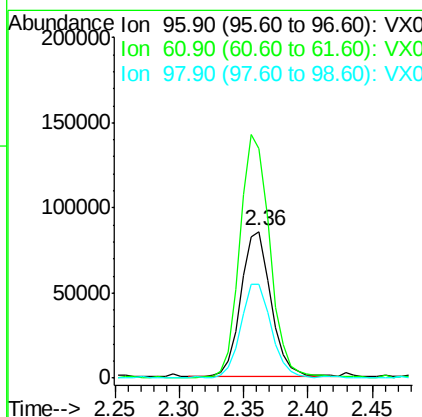
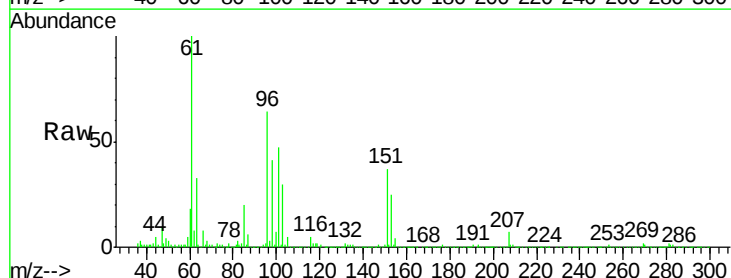
MMDadoda
4/22/2020 10:00:37 AM

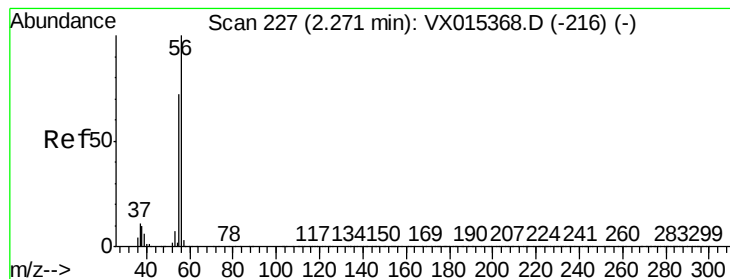


#12

1,1-Dichloroethene
Concen: 16.031 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.01 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.6	135.7	203.5
98	64.5	50.6	75.8





#13

Acrolein

Concen: 100.091 ug/l

RT: 2.28 min Scan# 228

Delta R.T. 0.01 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS02

Tot Ion: 56 Resp: 174216

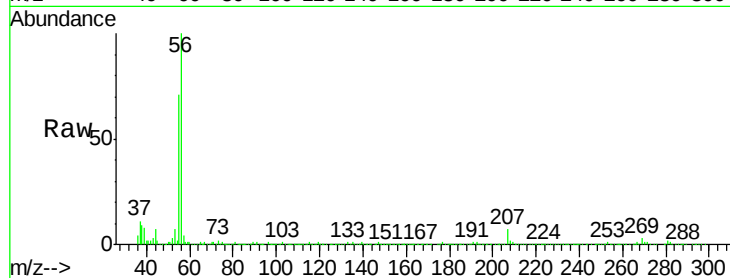
Ion Ratio Lower Upper

56 100

55 70.9 57.0 85.4

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

120000

100000

80000

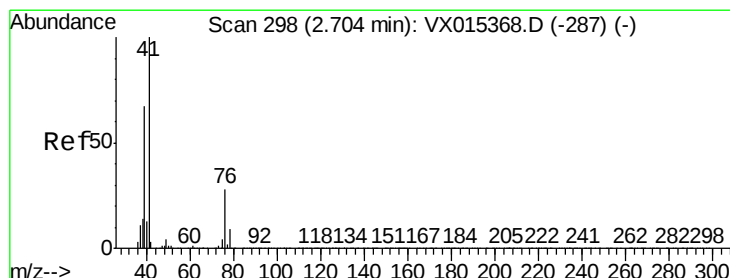
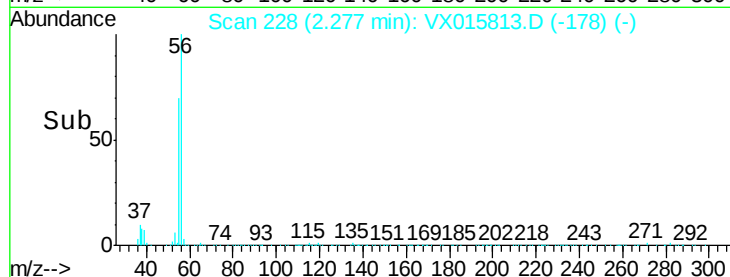
60000

40000

20000

0

Time-->



#14

Allyl chloride

Concen: 15.255 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

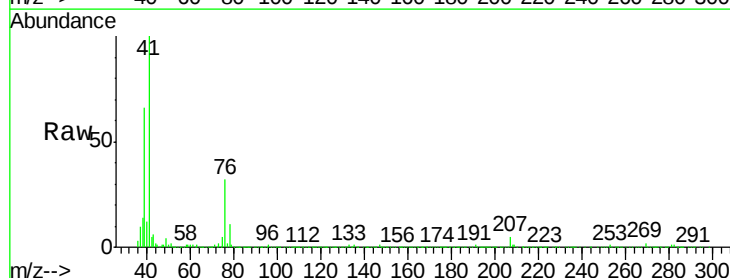
Tgt Ion: 41 Resp: 304589

Ion Ratio Lower Upper

41 100

39 61.1 51.4 77.0

76 28.6 21.8 32.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

300000

250000

200000

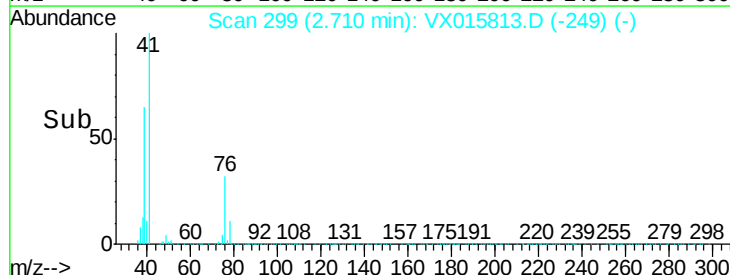
150000

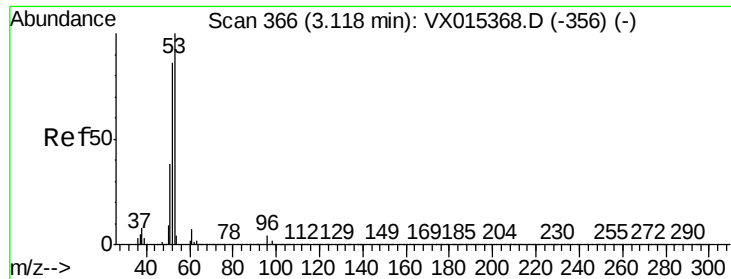
100000

50000

0

Time-->





#15

Acrylonitrile

Concen: 85.380 ug/l

RT: 3.12 min Scan# 366

Delta R.T. -0.00 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Instrument :

MSVOA_X

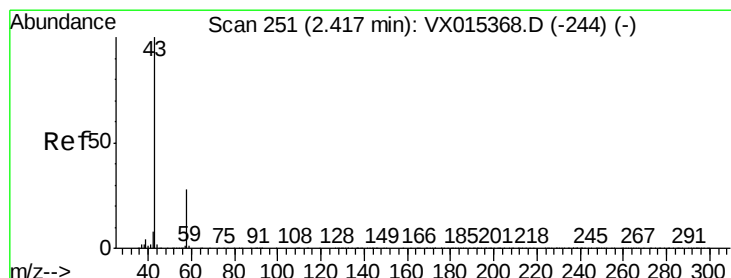
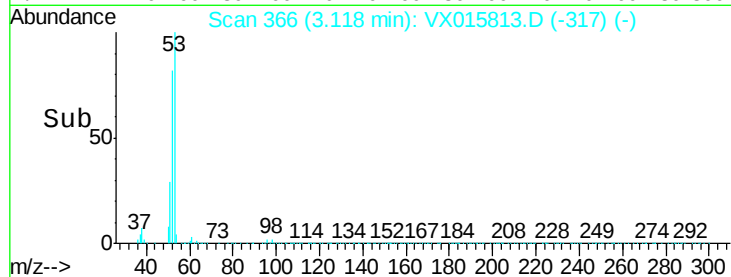
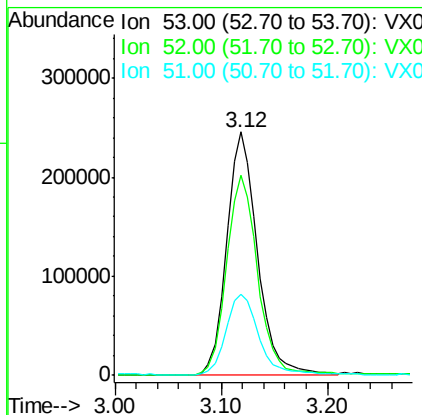
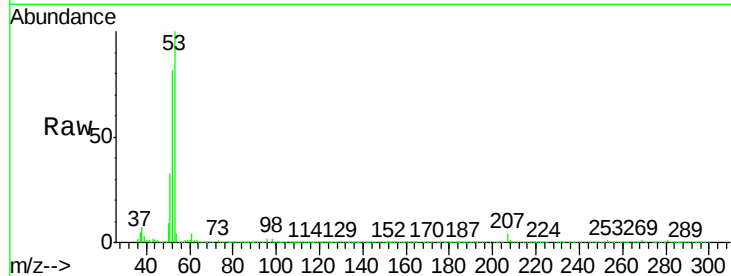
ClientSampleId :

VX0421WBS02

Tot Ion:	53	Resp:	497522
Ion	Ratio	Lower	Upper
53	100		
52	84.0	66.8	100.2
51	35.3	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 84.732 ug/l

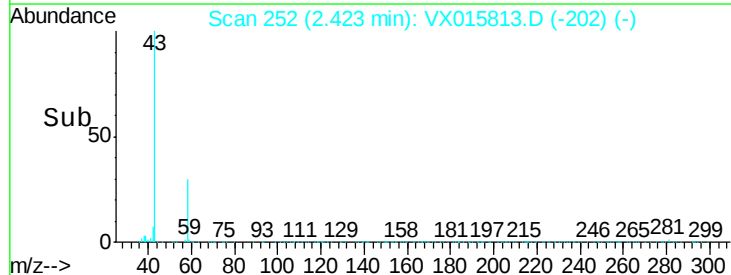
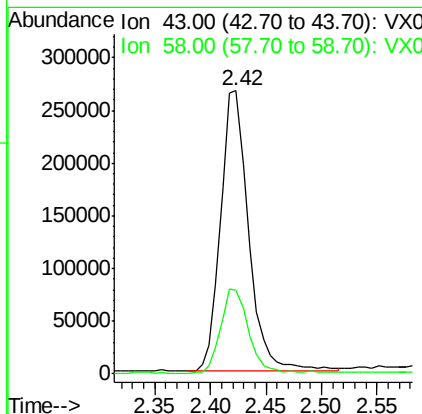
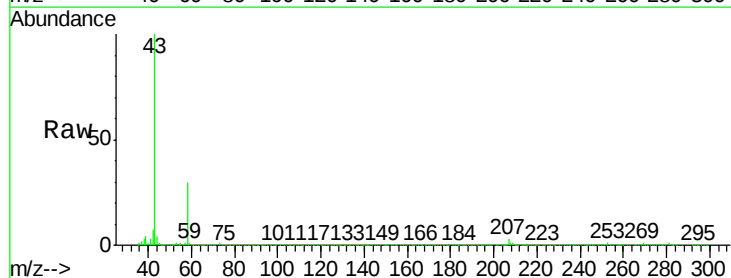
RT: 2.42 min Scan# 252

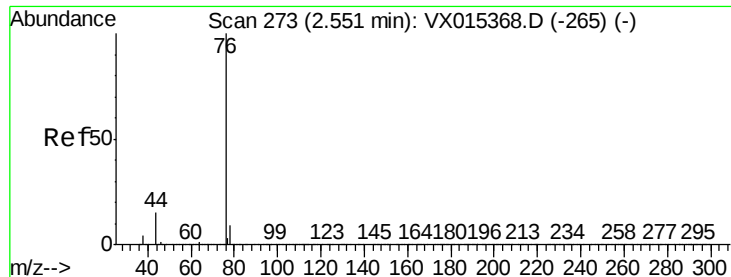
Delta R.T. 0.01 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Tgt Ion:	43	Resp:	464709
Ion	Ratio	Lower	Upper
43	100		
58	29.9	22.1	33.1





#17

Carbon Disulfide

Concen: 14.398 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.01 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS02

Tot Ion: 76 Resp: 375338

Ion Ratio Lower Upper

76 100

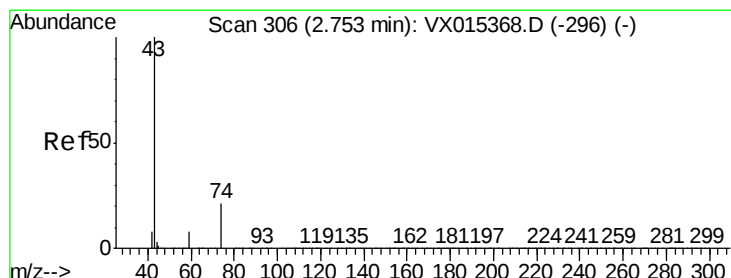
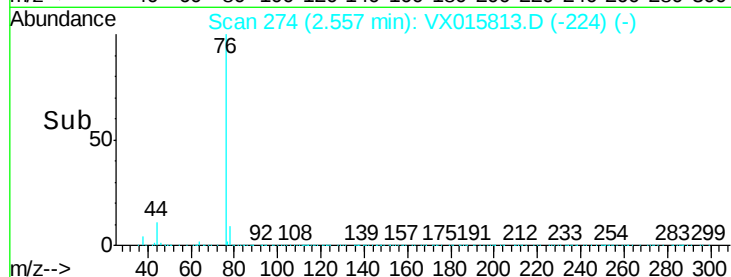
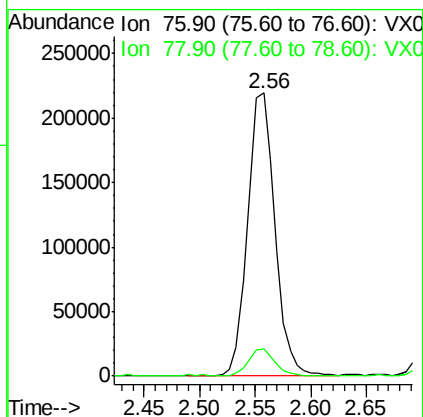
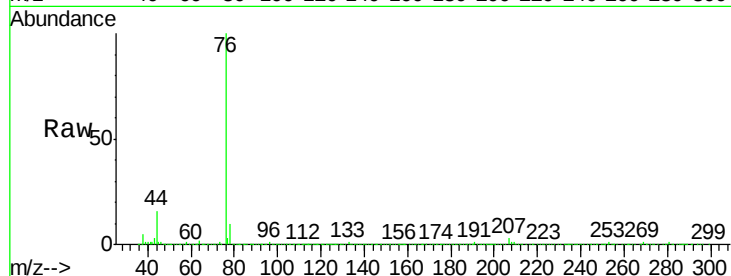
78 9.6 7.1 10.7

Manual Integrations

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#18

Methyl Acetate

Concen: 19.333 ug/l

RT: 2.75 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX015813.D

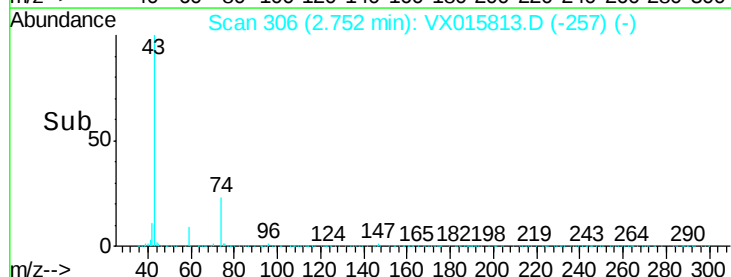
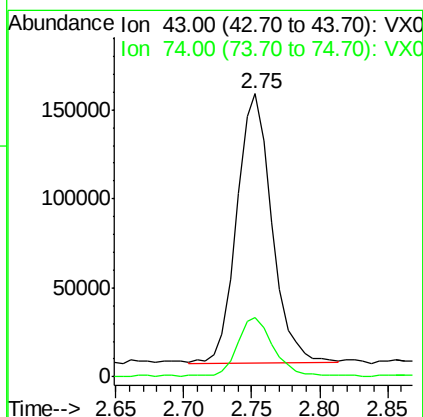
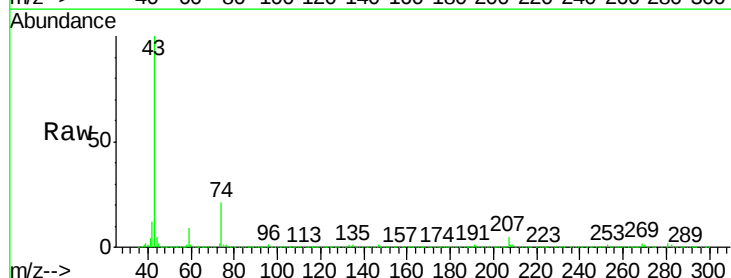
Acq: 21 Apr 2020 23:26

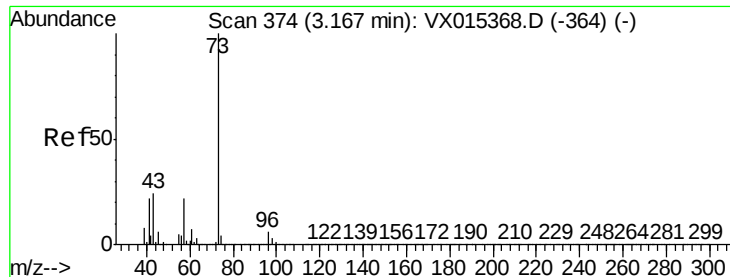
Tgt Ion: 43 Resp: 270622

Ion Ratio Lower Upper

43 100

74 22.3 16.5 24.7





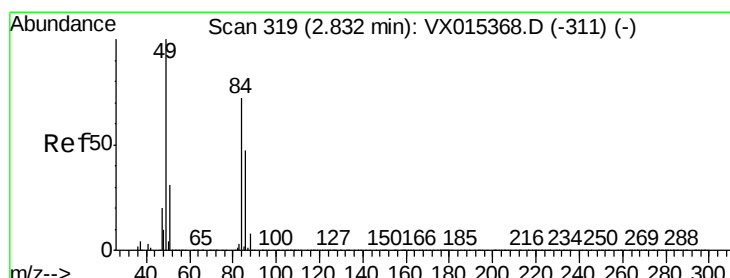
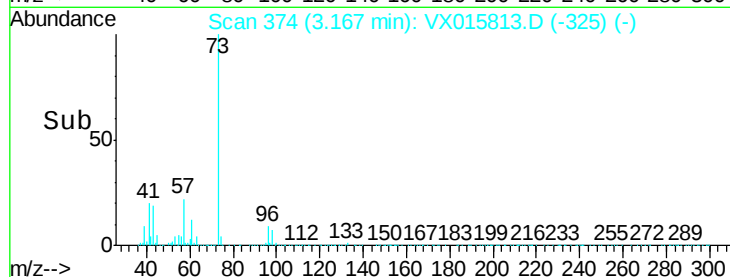
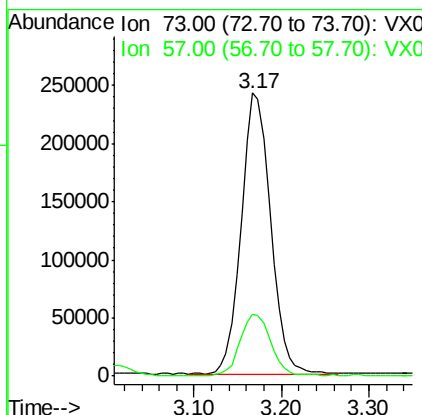
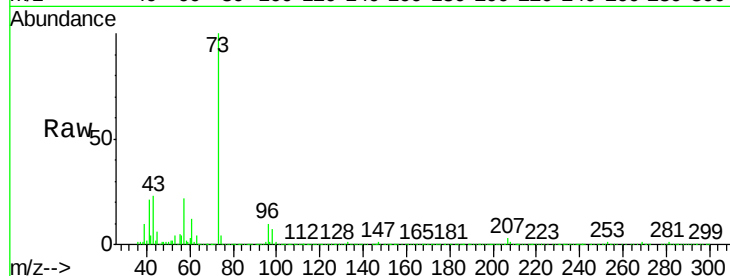
#19
Methvl tert-butvl Ether
Concen: 17.012 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.9	26.9

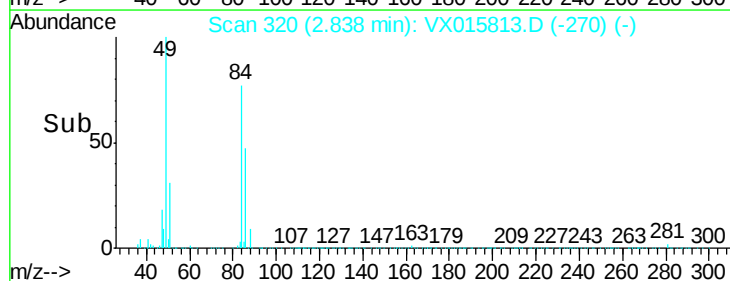
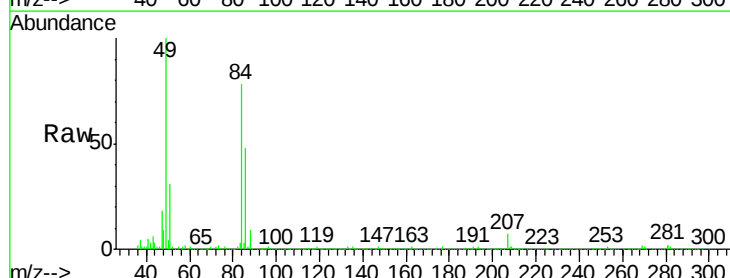
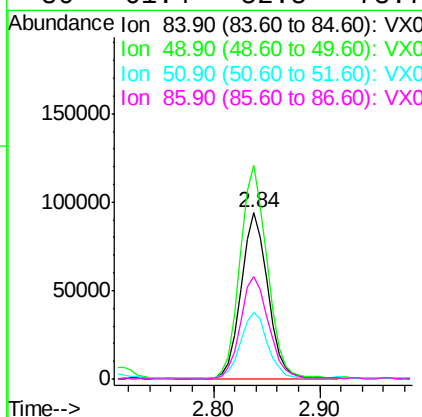
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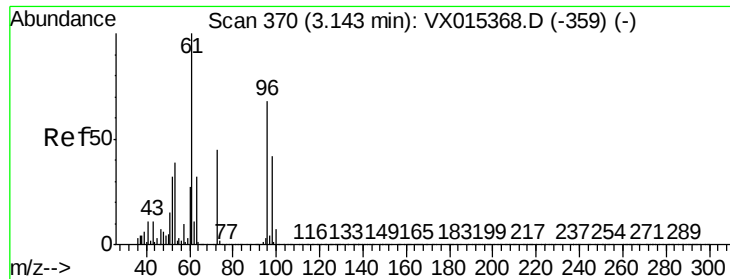
MMDadoda
4/22/2020 10:00:37 AM



#20
Methylene Chloride
Concen: 16.212 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.2	111.3	166.9
51	38.8	34.0	51.0
86	61.4	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 16.316 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.01 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Instrument :

MSVOA_X

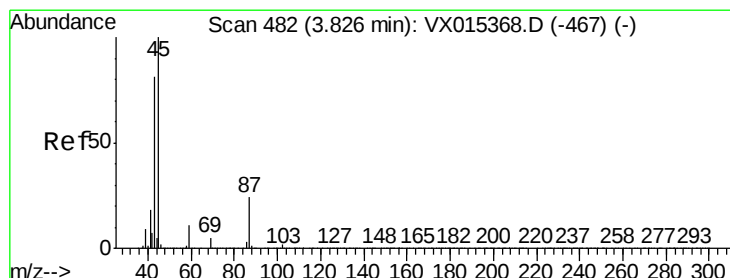
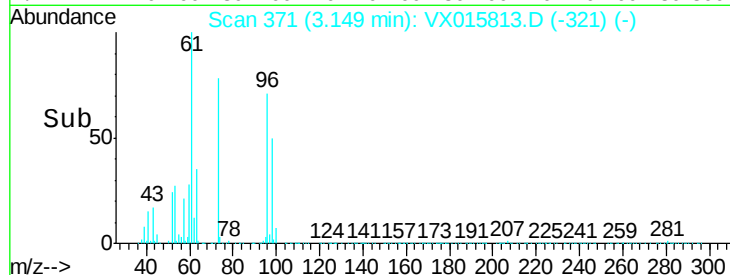
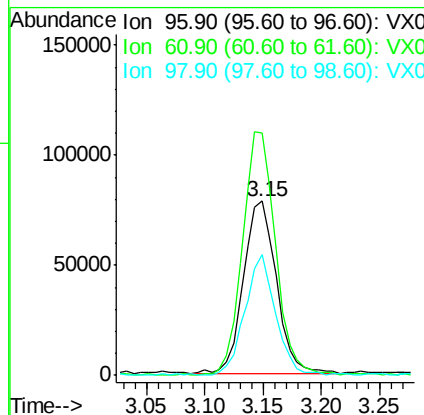
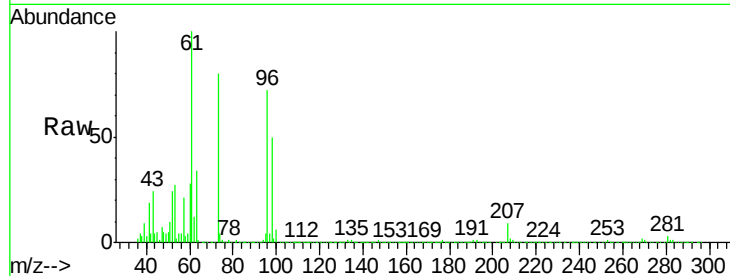
ClientSampled :

VX0421WBS02

Tot Ion:	96	Resp:	154740
Ion Ratio	Lower	Upper	
96	100		
61	140.7	116.9	175.3
98	69.4	48.6	73.0

Manual Integrations
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4/22/2020 10:00:37 AM



#22

Diisopropyl ether

Concen: 17.165 ug/l

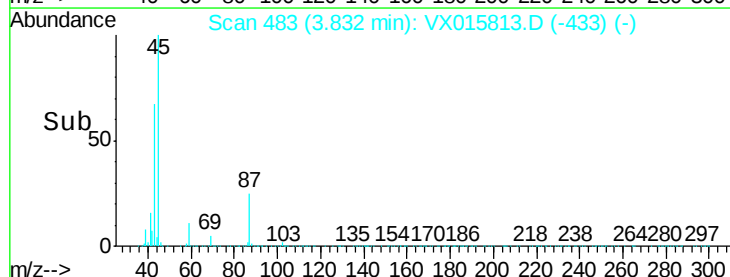
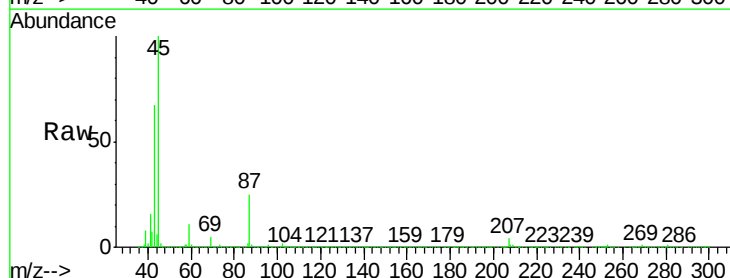
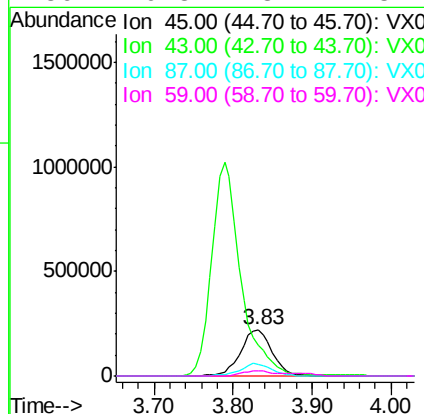
RT: 3.83 min Scan# 483

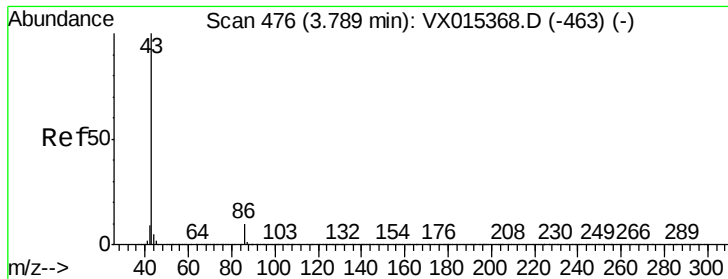
Delta R.T. 0.01 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Tgt Ion:	45	Resp:	607329
Ion Ratio	Lower	Upper	
45	100		
43	65.7	64.7	97.1
87	25.0	19.4	29.0
59	10.8	8.7	13.1





#23

Vinyl Acetate

Concen: 81.934 ug/l

RT: 3.79 min Scan# 476

Delta R.T. -0.00 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS02

Tot Ion: 43 Resp: 2624681

Ion Ratio Lower Upper

43 100

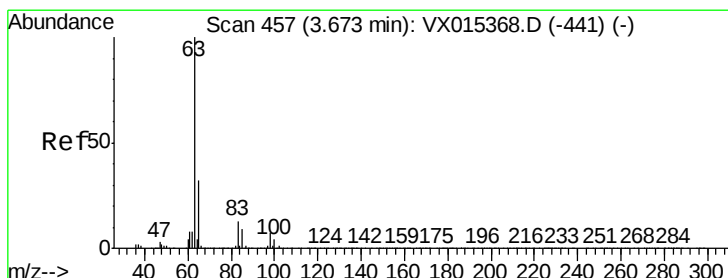
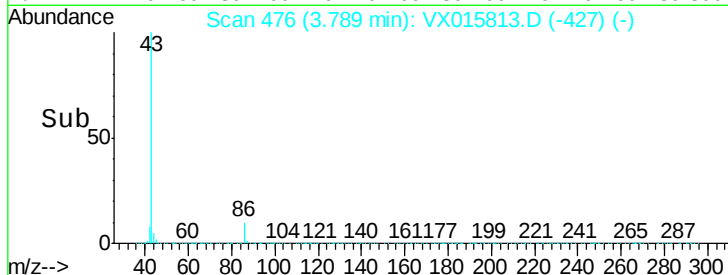
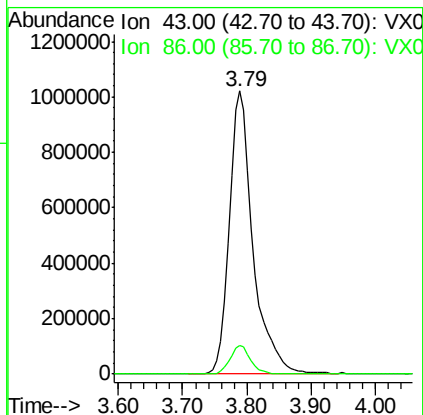
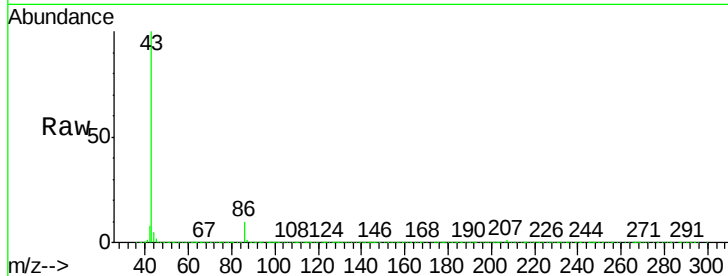
86 10.2 7.8 11.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 16.317 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.00 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

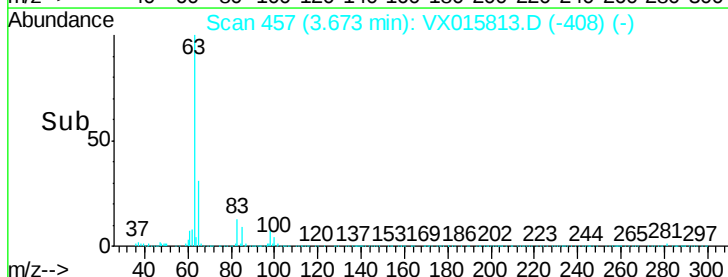
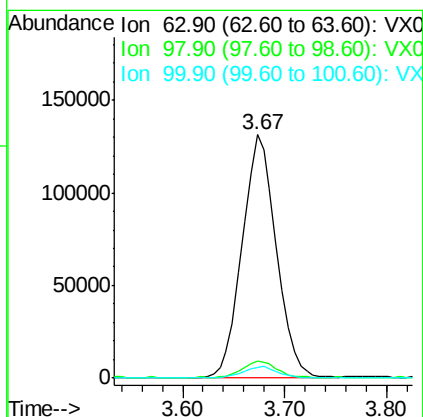
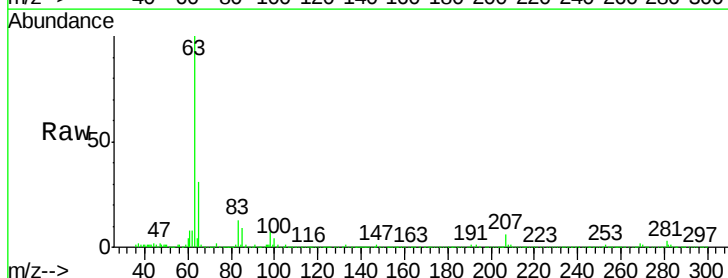
Tgt Ion: 63 Resp: 303966

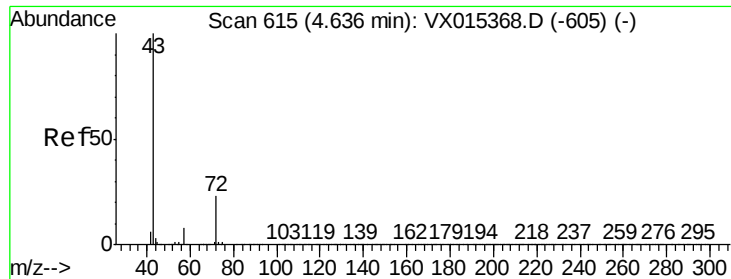
Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.8

100 4.2 2.1 6.5





#25

2-Butanone

Concen: 79.360 ug/l

RT: 4.64 min Scan# 615

Delta R.T. -0.00 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Tot Ion: 43 Resp: 699972

Ion Ratio Lower Upper

43 100

72 24.1 19.0 28.4

Instrument :

MSVOA_X

ClientSampleId :

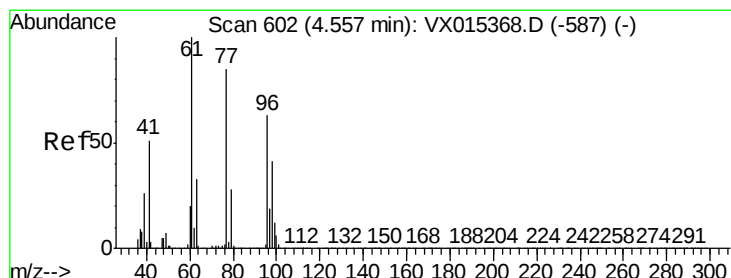
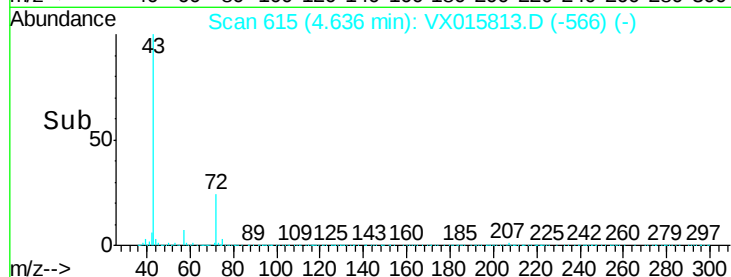
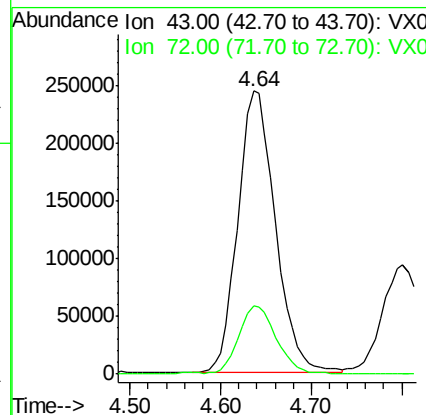
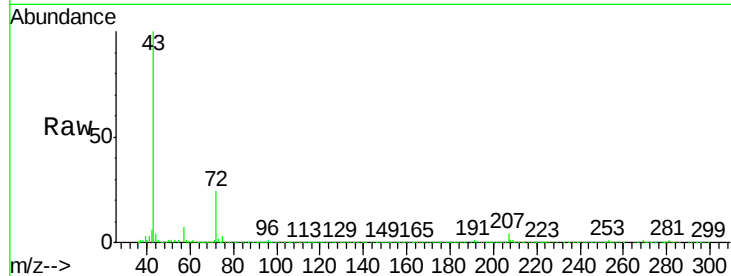
VX0421WBS02

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 14.827 ug/l

RT: 4.56 min Scan# 602

Delta R.T. -0.00 min

Lab File: VX015813.D

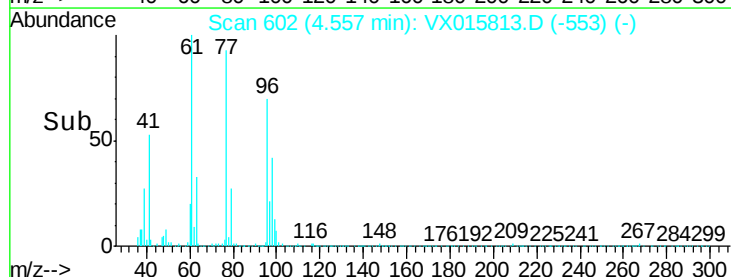
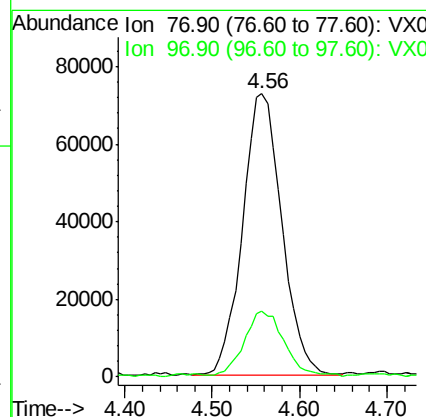
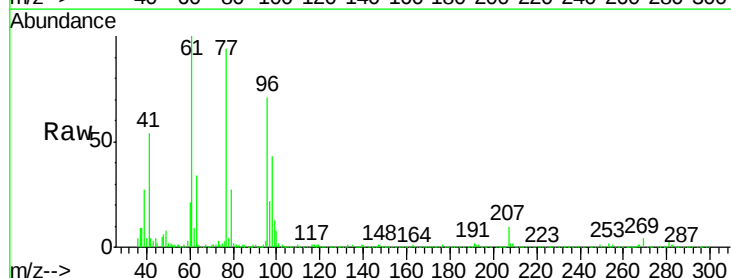
Acq: 21 Apr 2020 23:26

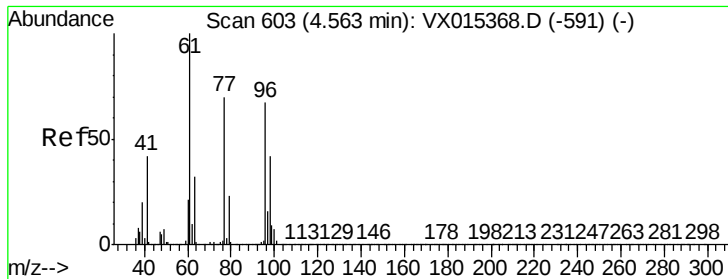
Tgt Ion: 77 Resp: 226719

Ion Ratio Lower Upper

77 100

97 22.7 11.3 33.8





#27

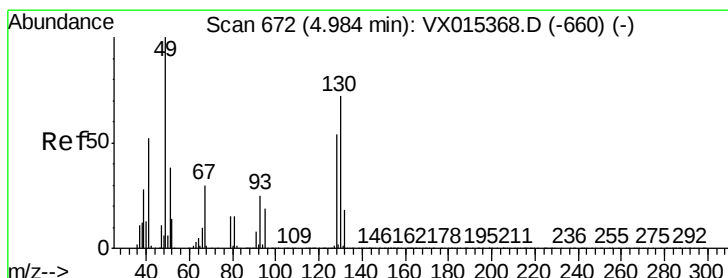
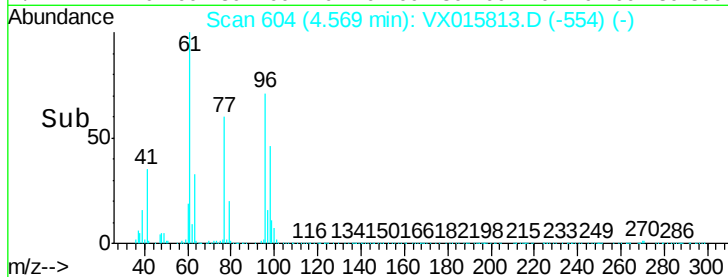
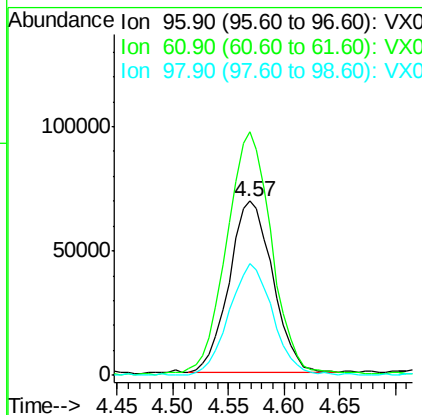
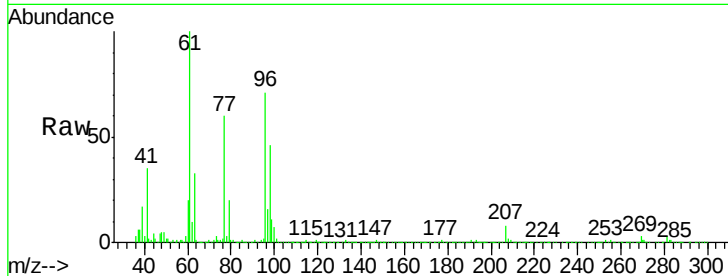
cis-1,2-Dichloroethene
Concen: 17.025 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	186803		
61	146.9	0.0	308.4	
98	64.8	0.0	129.2	

Manual Integrations
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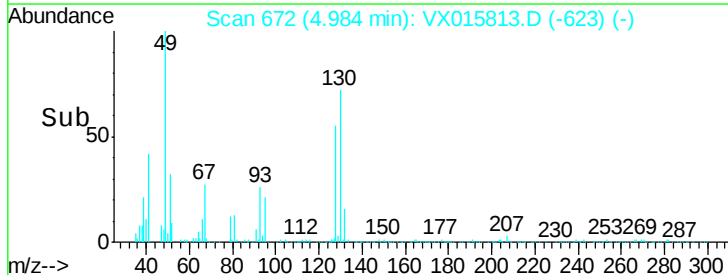
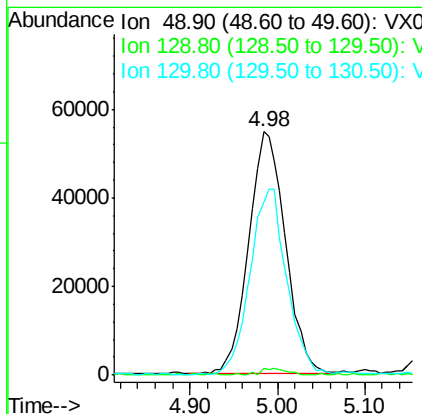
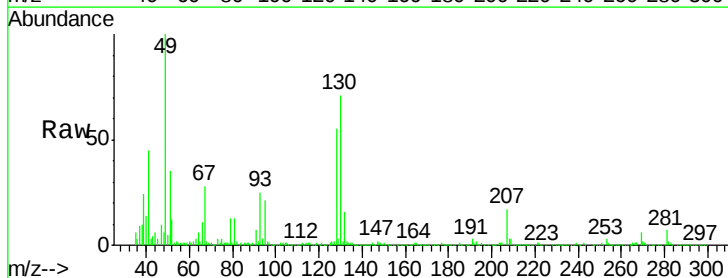
MMDadoda
4/22/2020 10:00:37 AM

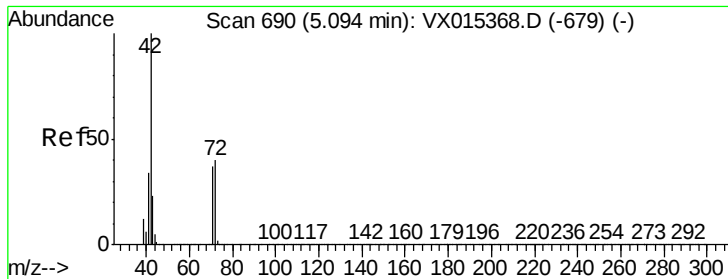


#28

Bromochloromethane
Concen: 17.908 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	159281		
129	1.9	0.0	4.4	
130	77.4	57.7	86.5	





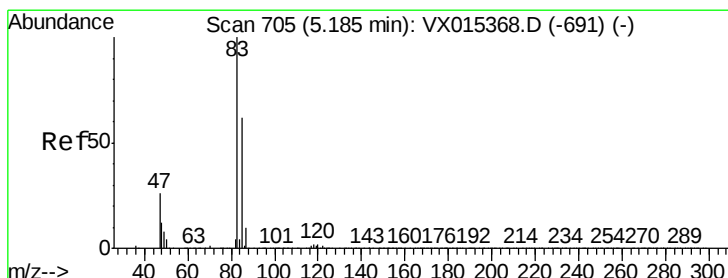
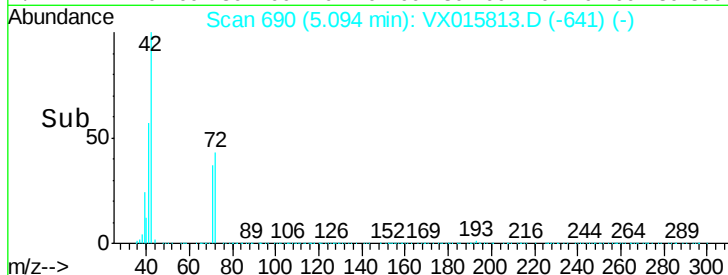
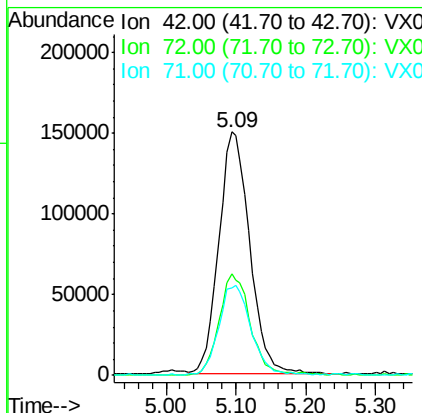
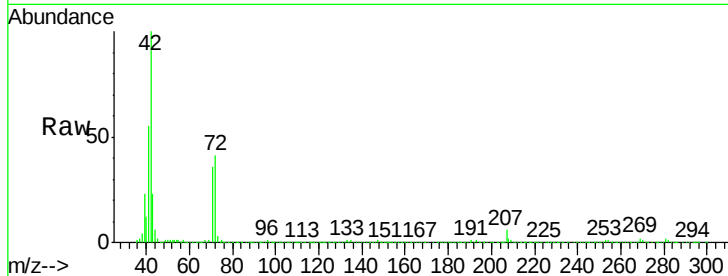
#29
Tetrahydrofuran
Concen: 80.751 ug/l
RT: 5.09 min Scan# 690
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.7	31.7	47.5
71	38.1	29.6	44.4

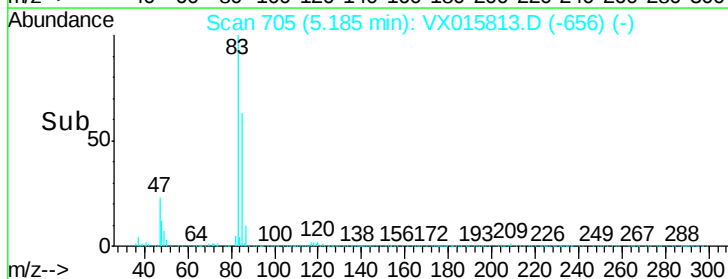
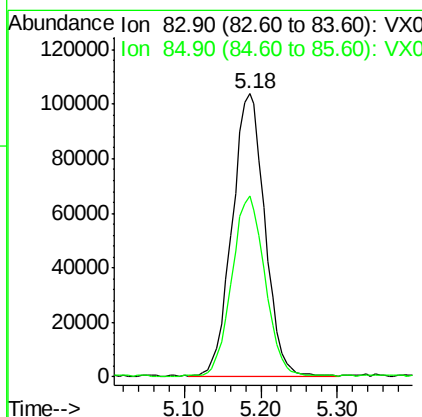
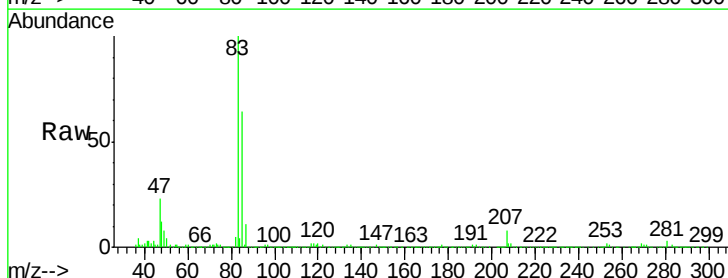
Manual Integrations
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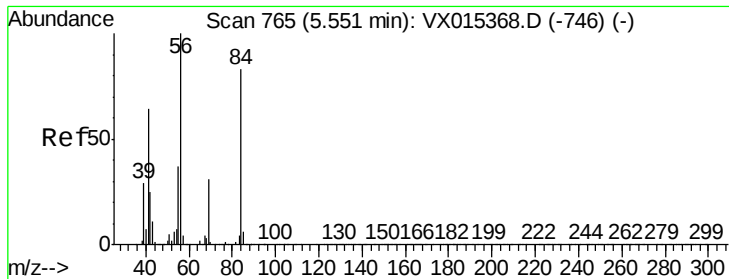
MMDadoda
4/22/2020 10:00:37 AM



#30
Chloroform
Concen: 17.043 ug/l
RT: 5.18 min Scan# 705
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	49.5	74.3





#31

Cyclohexane

Concen: 16.059 ug/l

RT: 5.56 min Scan# 766

Delta R.T. 0.01 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Instrument :

MSVOA_X

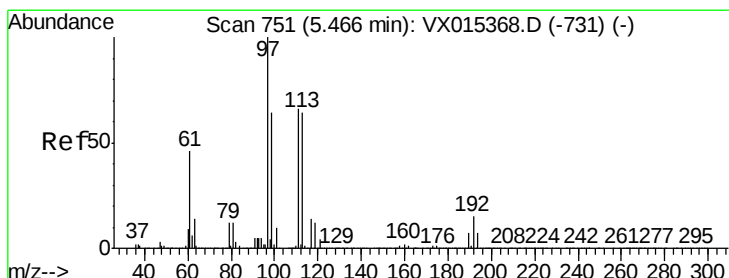
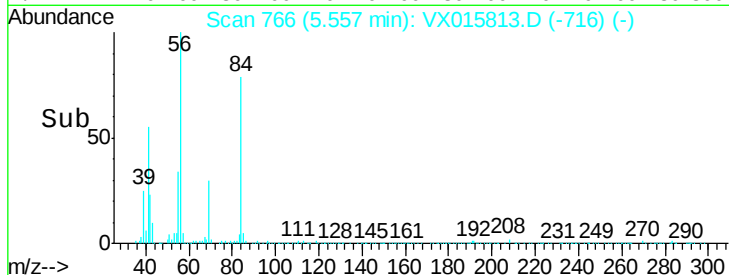
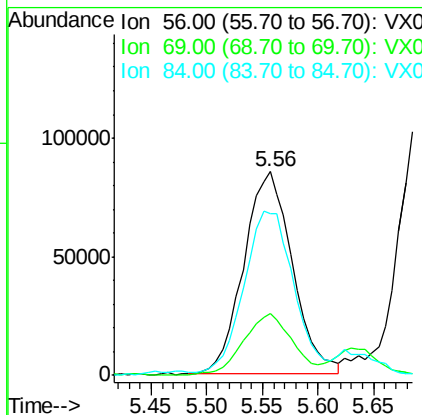
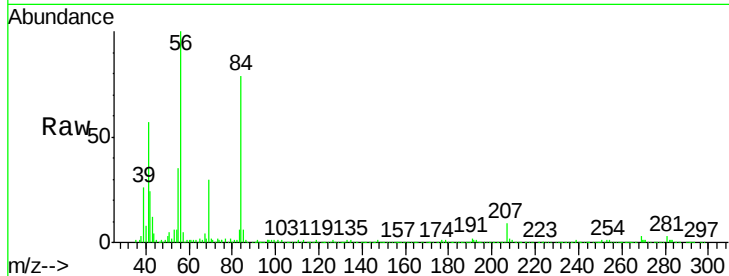
ClientSampleId :

VX0421WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.3	24.6	36.8
84	78.2	66.1	99.1

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4/22/2020 10:00:37 AM



#32

1,1,1-Trichloroethane

Concen: 16.427 ug/l

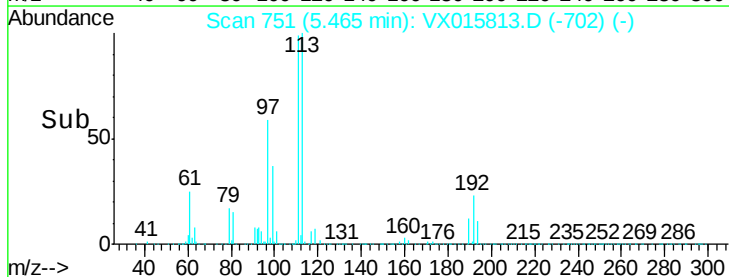
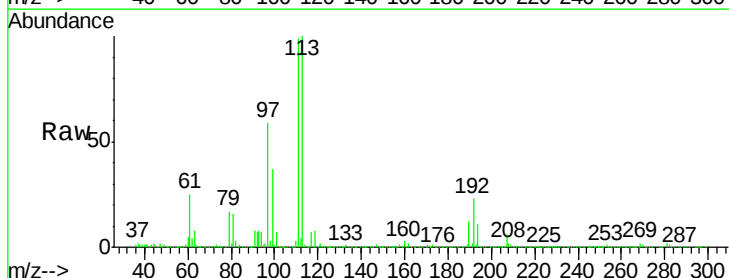
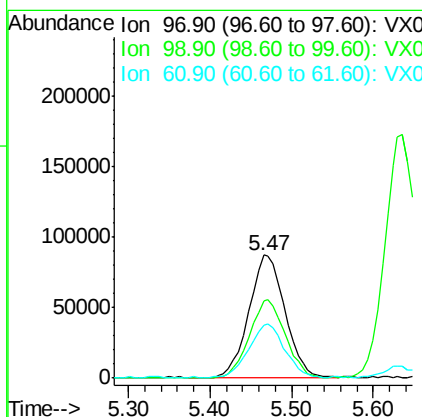
RT: 5.47 min Scan# 751

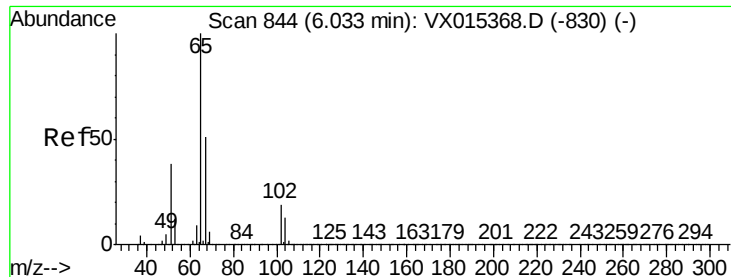
Delta R.T. -0.00 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.0	76.4
61	43.2	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 43.554 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS02

Tot Ion: 65 Resp: 556002

Ion Ratio Lower Upper

65 100

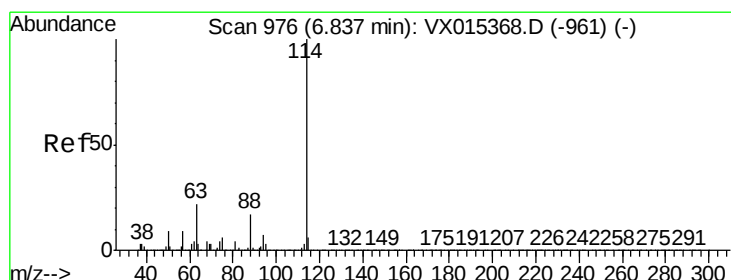
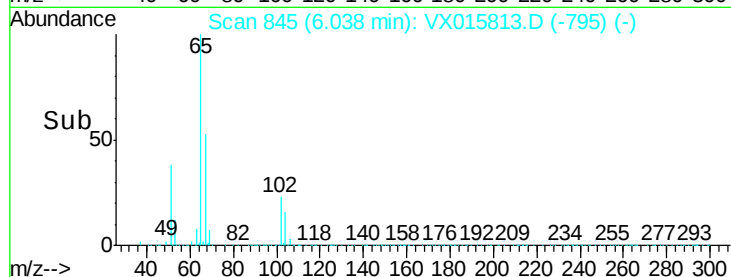
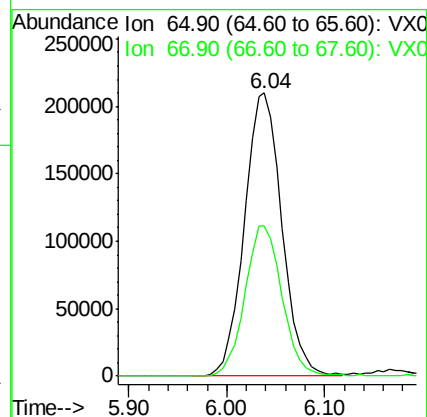
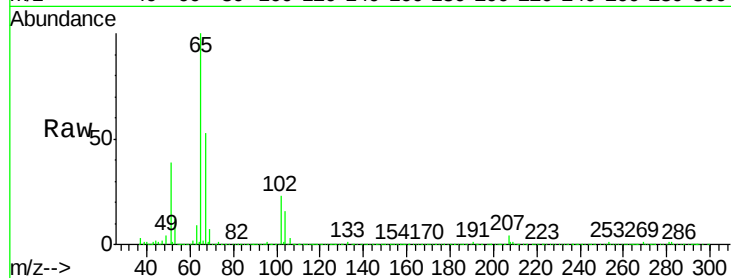
67 52.1 0.0 102.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

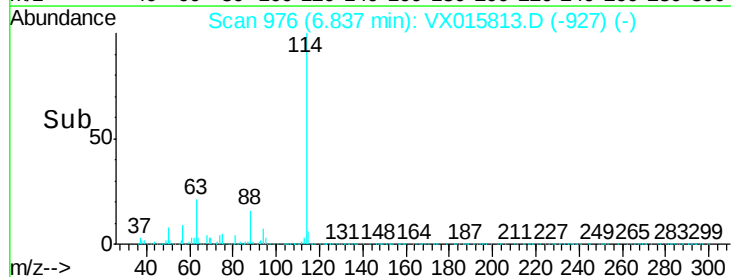
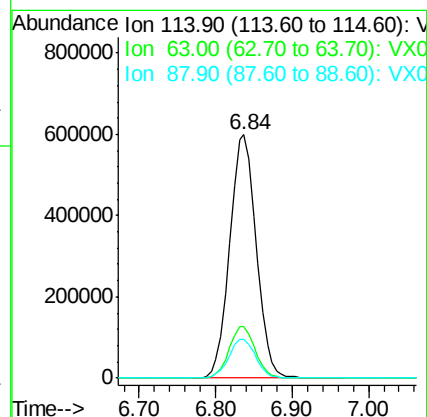
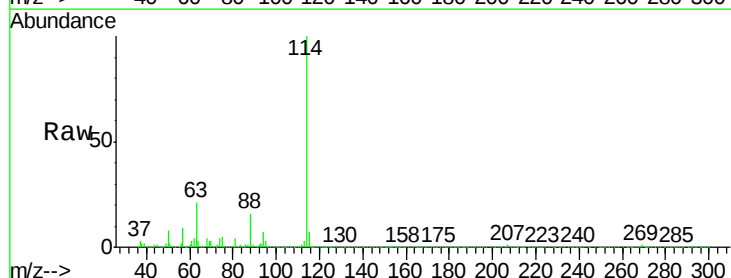
Tgt Ion: 114 Resp: 1434525

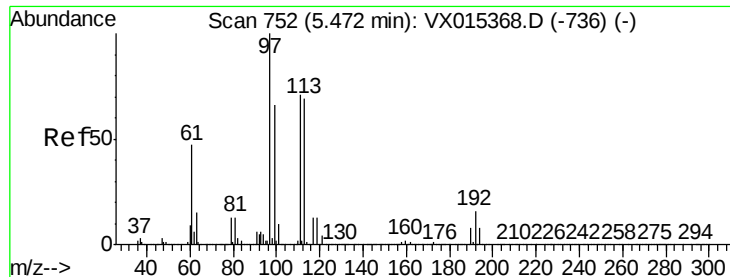
Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.2

88 15.9 0.0 33.8





#35

Dibromofluoromethane

Concen: 48.326 ug/l

RT: 5.48 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Instrument :

MSVOA_X

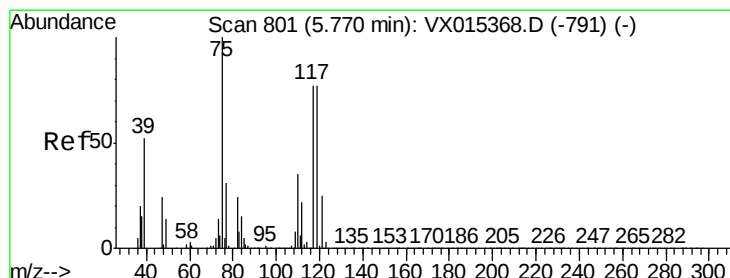
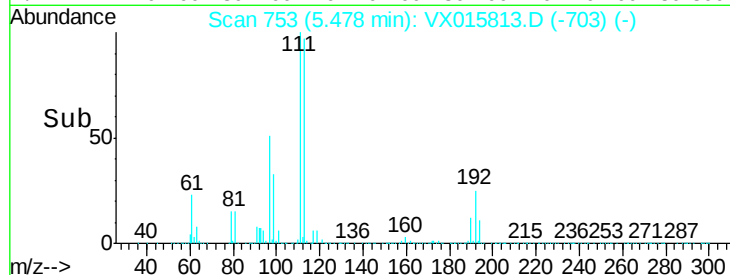
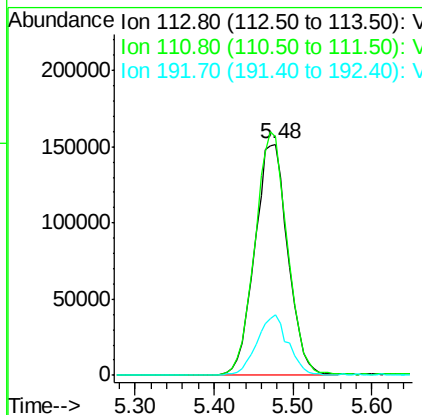
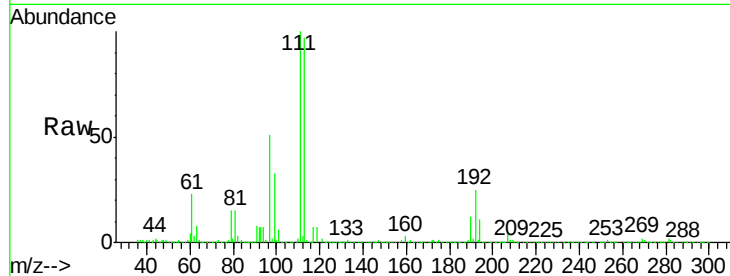
ClientSampleId :

VX0421WBS02

Tot Ion:	113	Resp:	443139
Ion Ratio	Lower	Upper	
113	100		
111	103.2	81.5	122.3
192	24.8	17.8	26.6

Manual Integrations
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4/22/2020 10:00:37 AM



#36

1,1-Dichloropropene

Concen: 16.688 ug/l

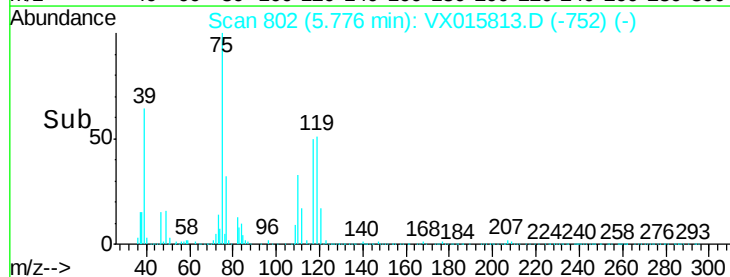
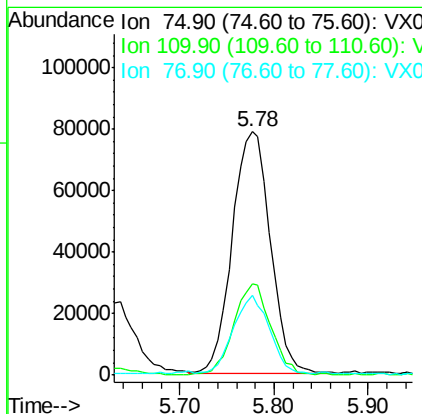
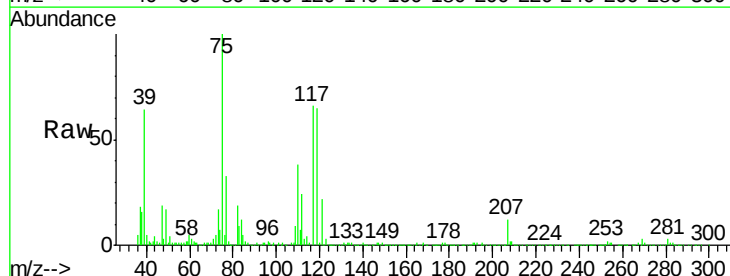
RT: 5.78 min Scan# 802

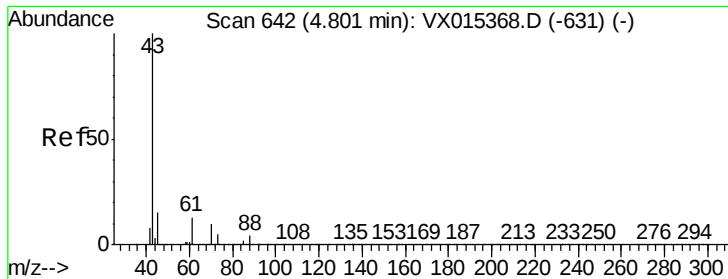
Delta R.T. 0.01 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Tgt Ion:	75	Resp:	220579
Ion Ratio	Lower	Upper	
75	100		
110	36.5	17.1	51.3
77	30.6	24.6	36.8





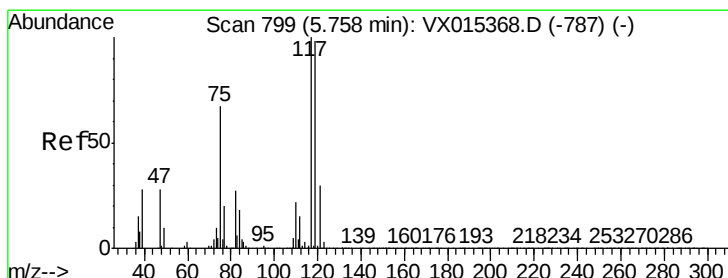
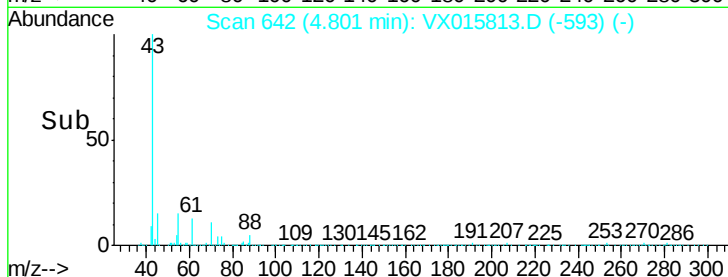
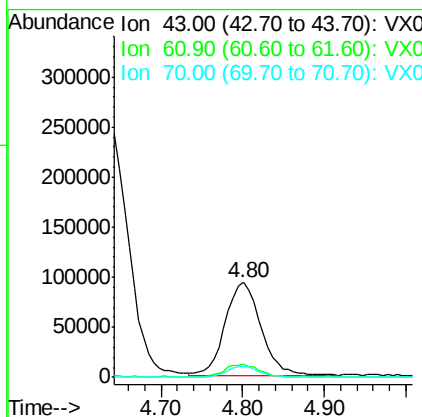
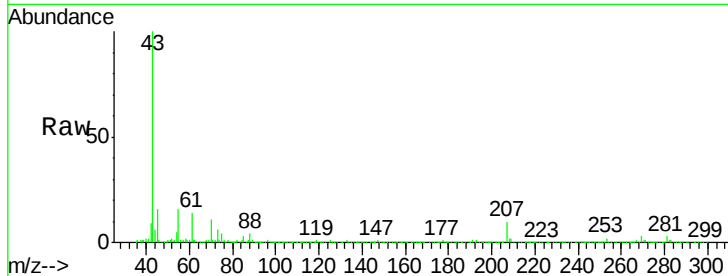
#37
Ethyl Acetate
Concen: 16.450 ug/l
RT: 4.80 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS02

Tot Ion:	43	Resp:	283114
Ion Ratio	Lower	Upper	
43	100		
61	12.2	9.9	14.9
70	10.5	8.1	12.1

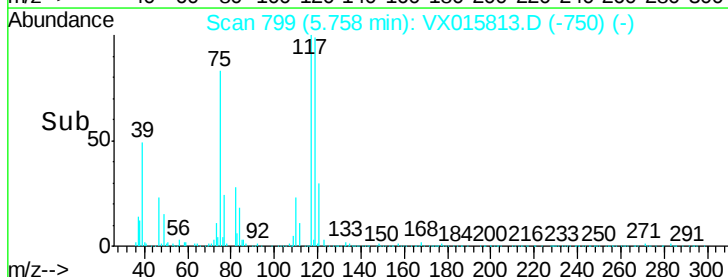
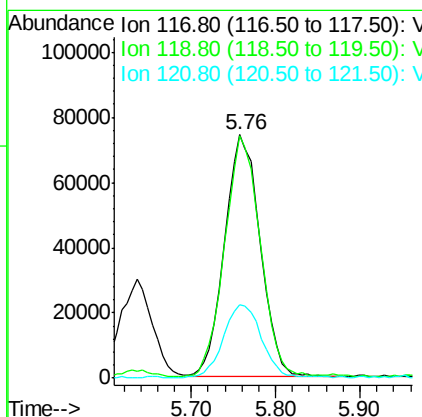
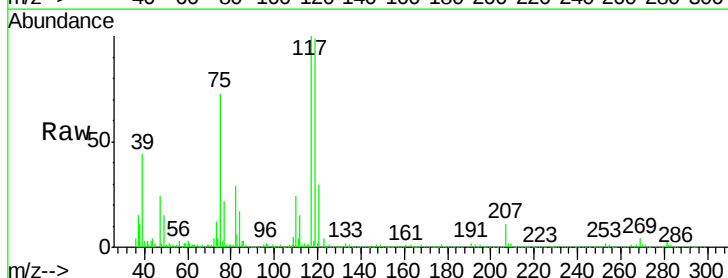
Manual Integrations
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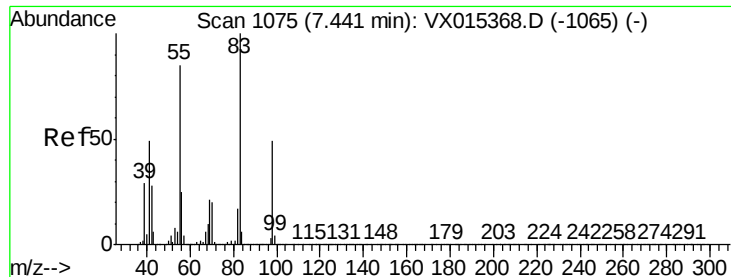
MMDadoda
4/22/2020 10:00:37 AM



#38
Carbon Tetrachloride
Concen: 14.907 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Tgt Ion:	117	Resp:	213415
Ion Ratio	Lower	Upper	
117	100		
119	98.8	78.0	117.0
121	29.9	23.8	35.8





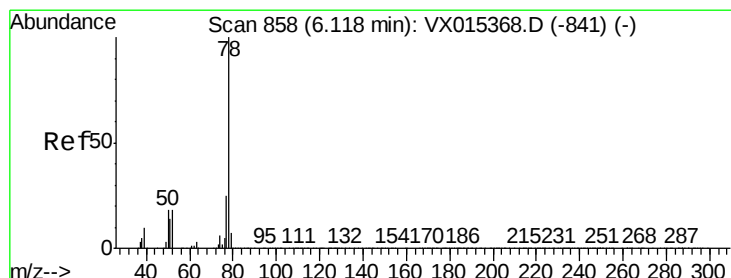
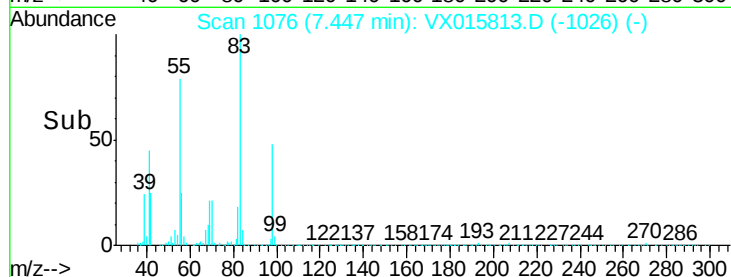
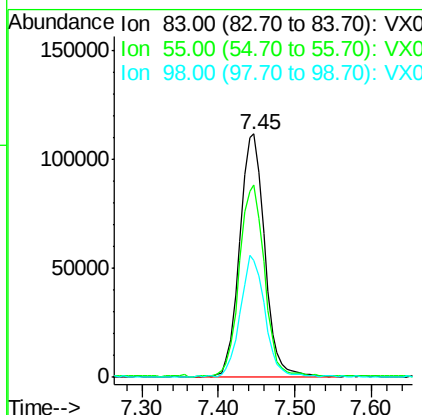
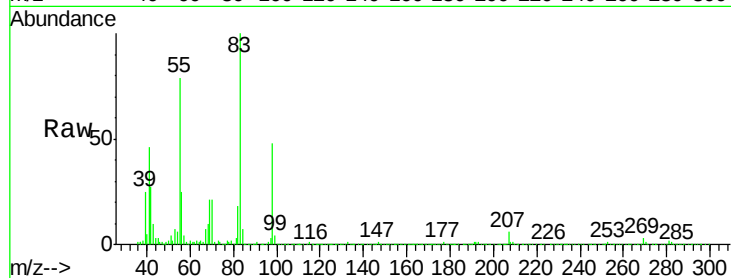
#39
Methvlcvclohexane
Concen: 16.587 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.6	67.8	101.6
98	47.8	39.3	58.9

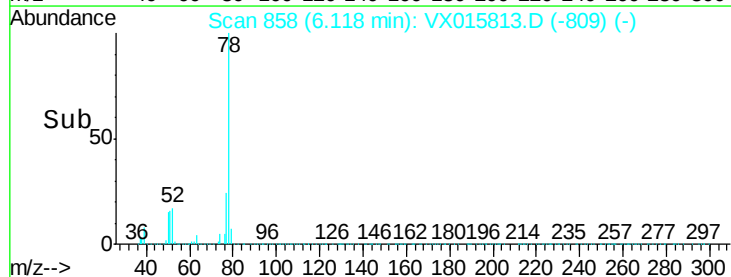
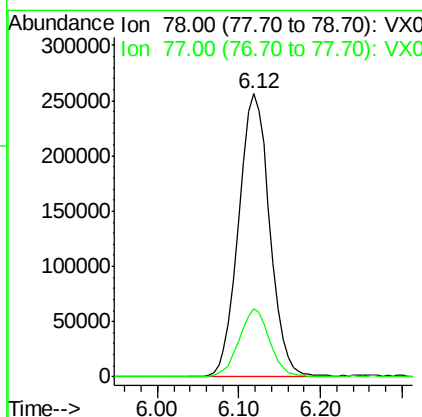
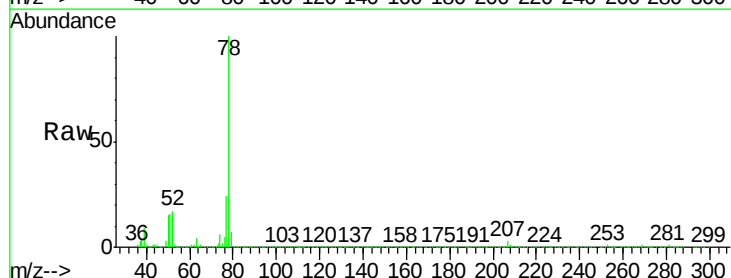
Manual Integrations
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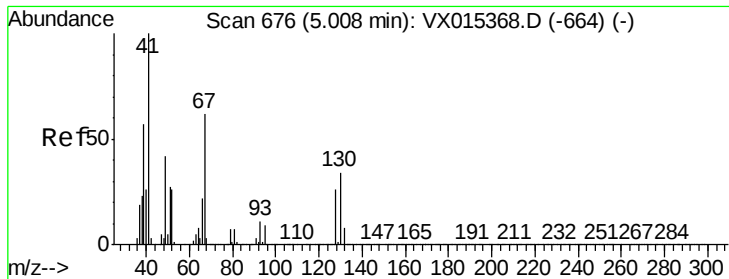
MMDadoda
4/22/2020 10:00:37 AM



#40
Benzene
Concen: 17.436 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.8	29.8





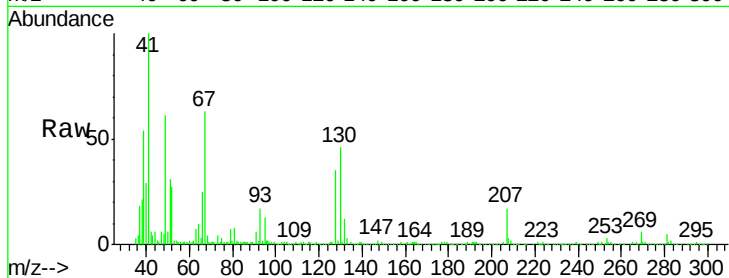
#41
Methacrylonitrile
Concen: 16.856 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.4	44.5	66.7	
67	63.5	48.9	73.3	
52	26.6	21.8	32.6	

Manual Integrations
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4/22/2020 10:00:37 AM



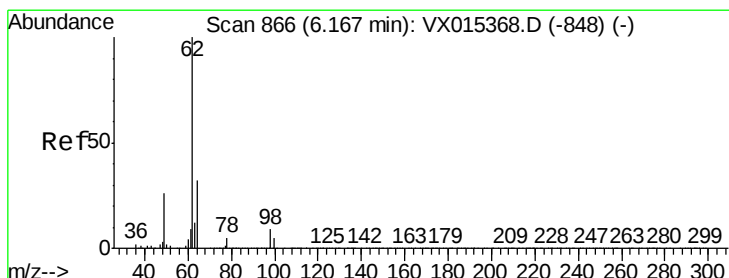
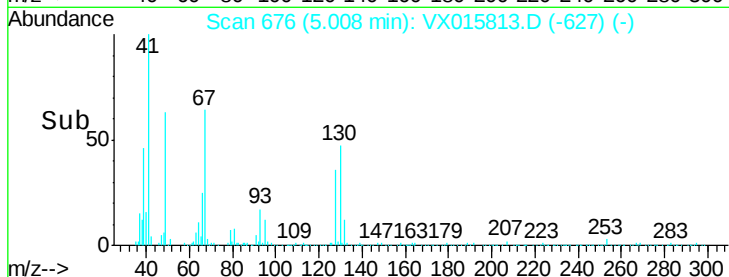
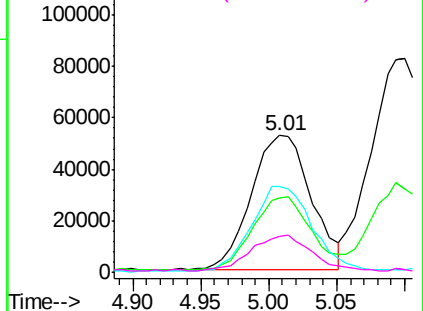
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

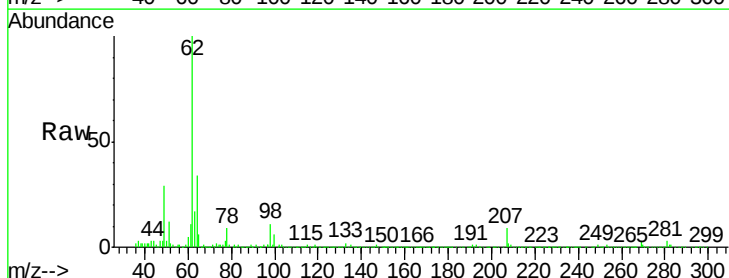
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 16.188 ug/l
RT: 6.17 min Scan# 866
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

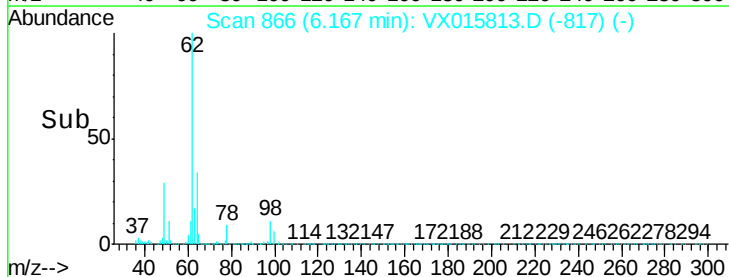
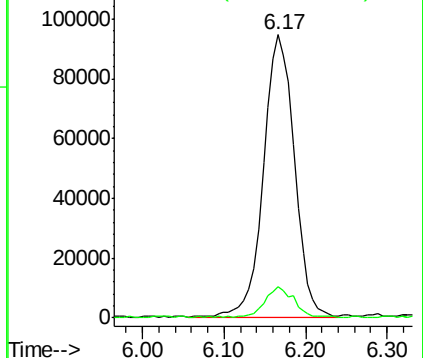
Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	17.6	

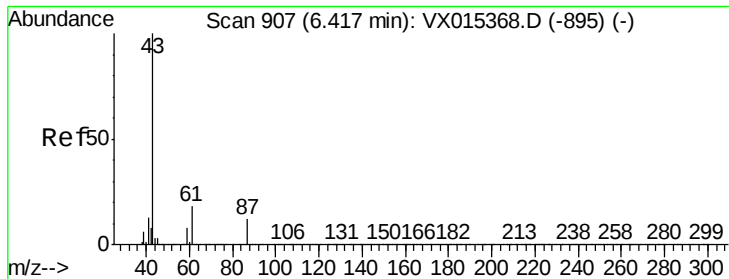


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

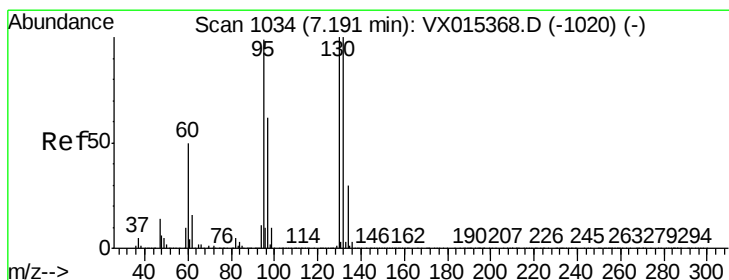
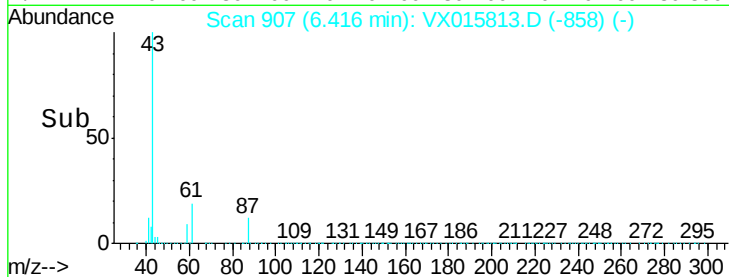
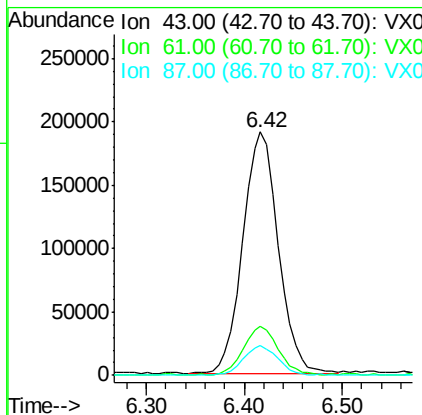
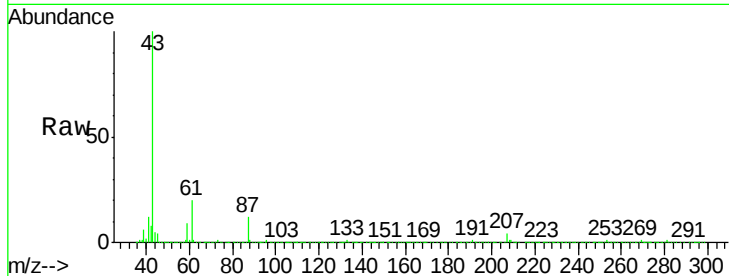
Isopropyl Acetate
 Concen: 16.503 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: VX015813.D
 Acq: 21 Apr 2020 23:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	14.8	22.2
87	11.7	9.4	14.0

Manual Integrations
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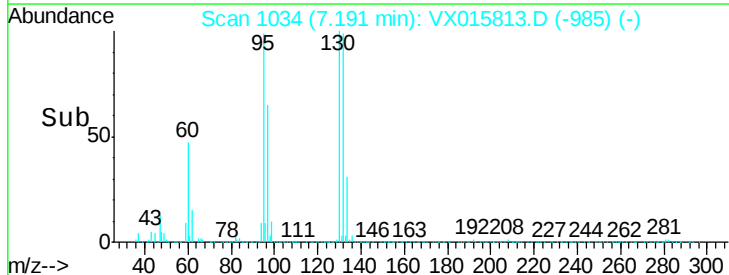
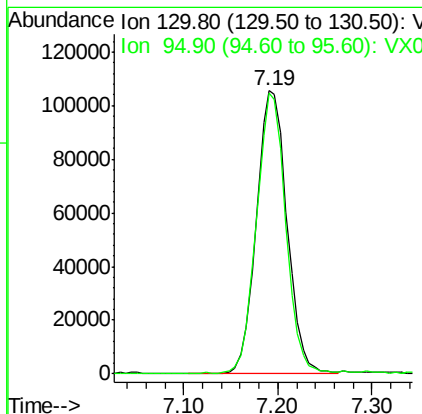
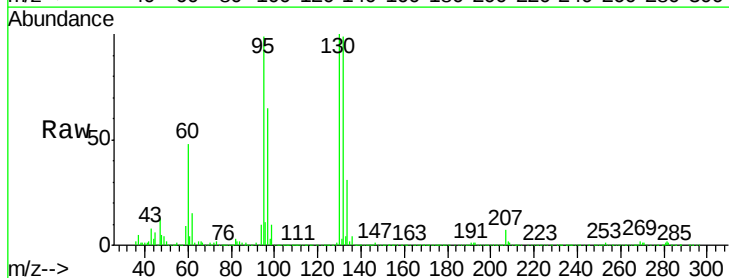
MMDadoda
 4/22/2020 10:00:37 AM

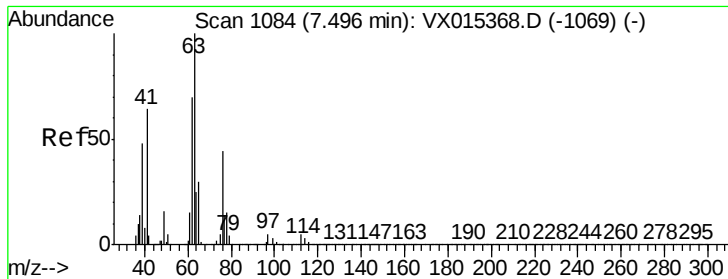


#44

Trichloroethene
 Concen: 22.866 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VX015813.D
 Acq: 21 Apr 2020 23:26

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.0	0.0	199.0





#45

1,2-Dichloropropane

Concen: 17.750 ug/l

RT: 7.50 min Scan# 1084

Delta R.T. -0.00 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS02

Tot Ion: 63 Resp: 188007

Ion Ratio Lower Upper

63 100

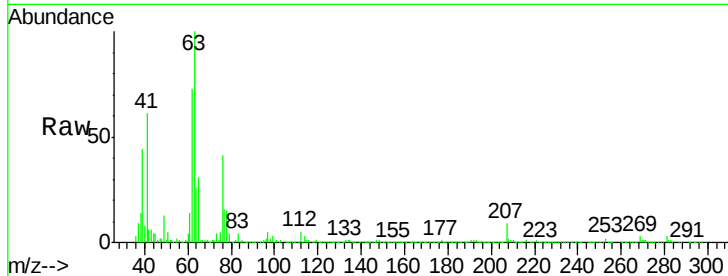
65 30.6 23.9 35.9

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.50

100000

80000

60000

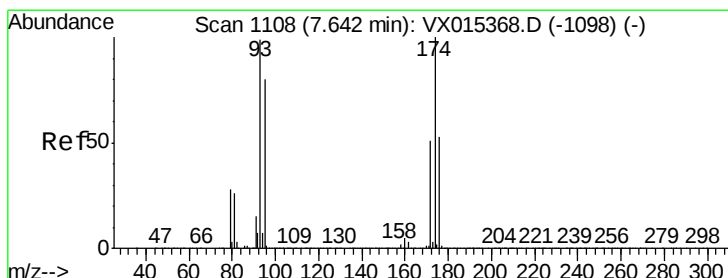
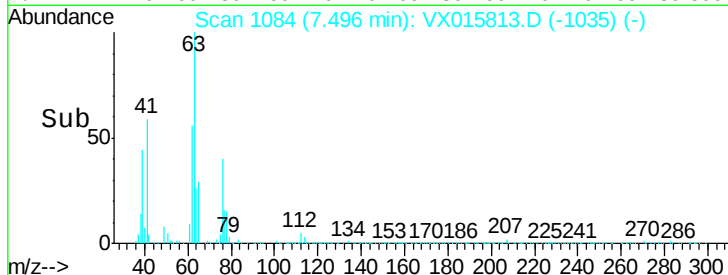
40000

20000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 17.797 ug/l

RT: 7.64 min Scan# 1108

Delta R.T. -0.00 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

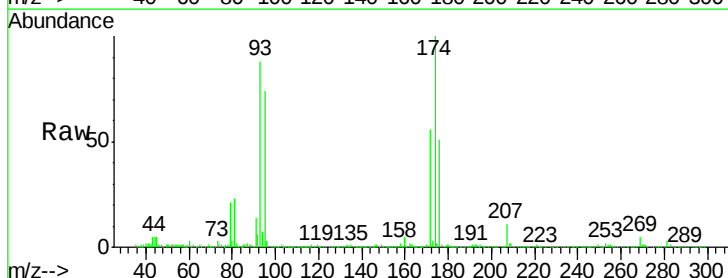
Tgt Ion: 93 Resp: 123651

Ion Ratio Lower Upper

93 100

95 82.9 65.8 98.8

174 114.7 86.2 129.2



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

100000

80000

60000

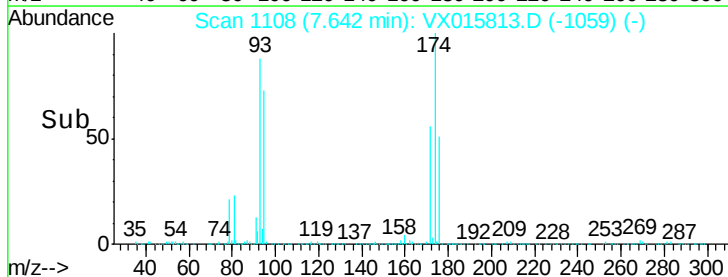
40000

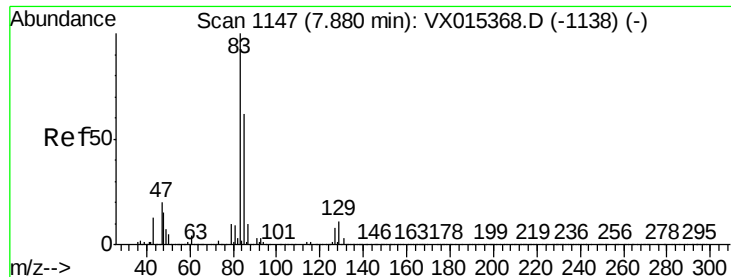
20000

0

7.60 7.70

Time-->





#47

Bromodichloromethane

Concen: 16.660 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. -0.00 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Instrument :

MSVOA_X

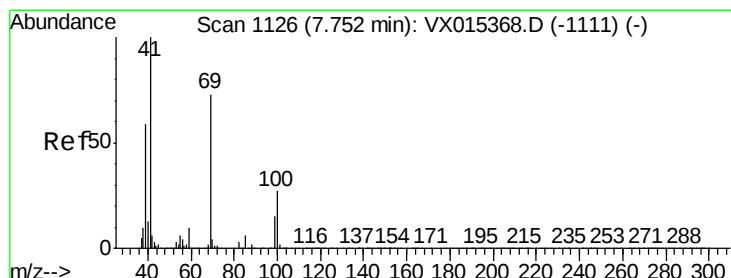
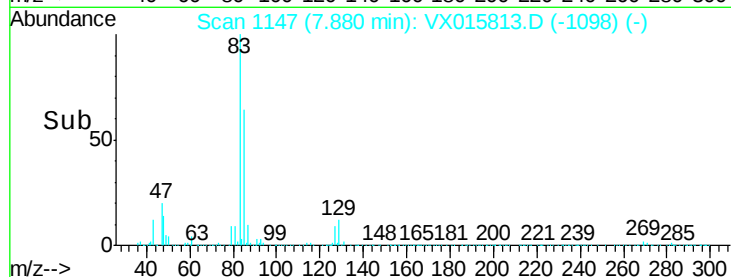
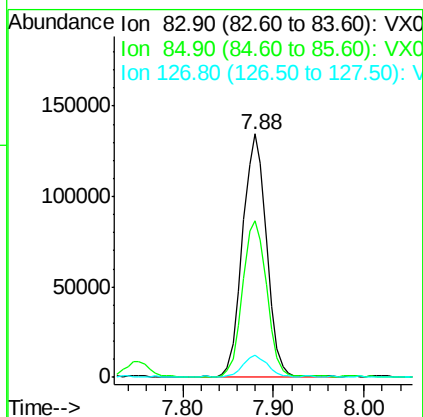
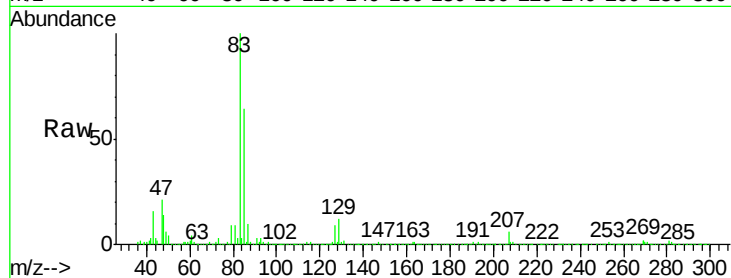
ClientSampleId :

VX0421WBS02

Tot Ion:	83	Resp:	246648
Ion Ratio	Lower	Upper	
83	100		
85	64.0	49.7	74.5
127	8.8	6.7	10.1

Manual Integrations
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4/22/2020 10:00:37 AM



#48

Methyl methacrylate

Concen: 16.311 ug/l

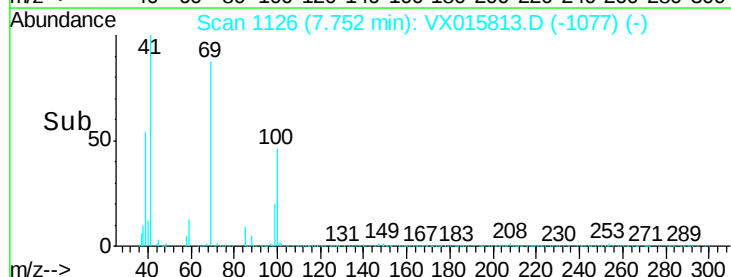
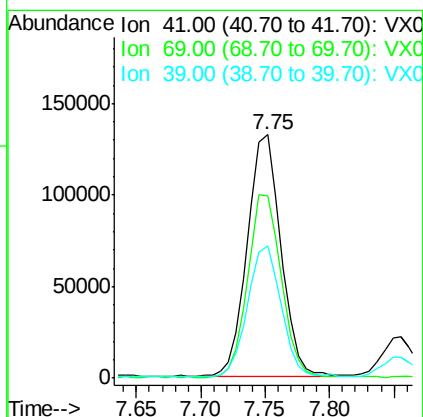
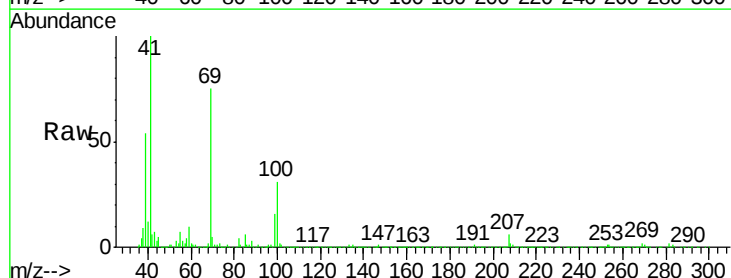
RT: 7.75 min Scan# 1126

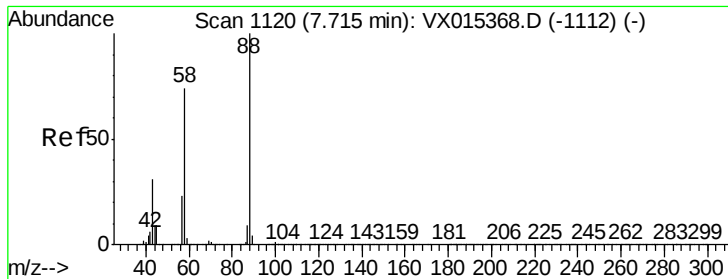
Delta R.T. -0.00 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Tgt Ion:	41	Resp:	236701
Ion Ratio	Lower	Upper	
41	100		
69	75.9	56.7	85.1
39	54.6	46.5	69.7





#49

1,4-Dioxane

Concen: 299.951 ug/l

RT: 7.72 min Scan# 1121

Delta R.T. 0.01 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Instrument :

MSVOA_X

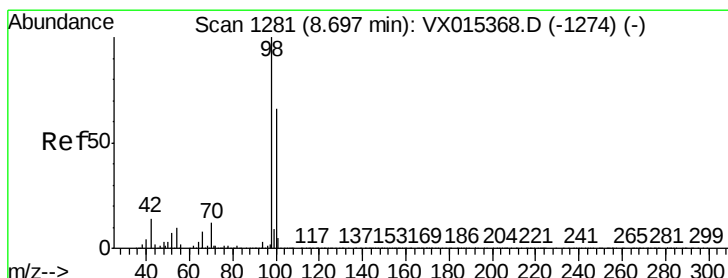
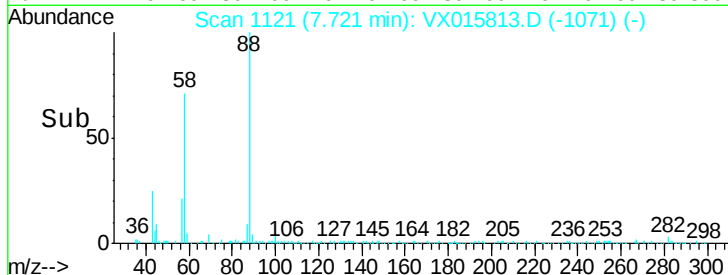
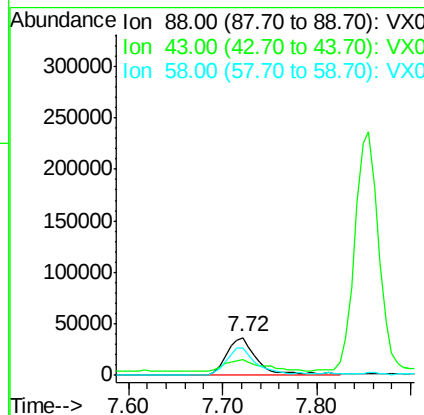
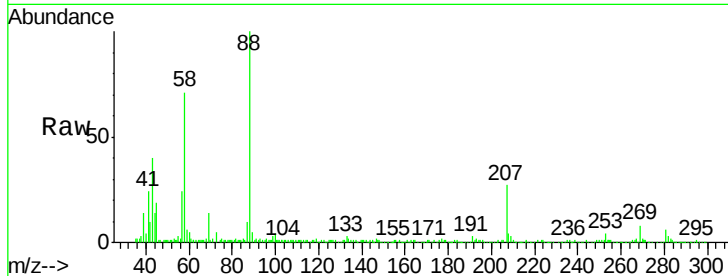
ClientSampleId :

VX0421WBS02

Tot Ion:	88	Resp:	81200
Ion Ratio	Lower	Upper	
88	100		
43	38.8	30.1	45.1
58	75.0	60.6	90.8

Manual Integrations
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#50

Toluene-d8

Concen: 50.329 ug/l

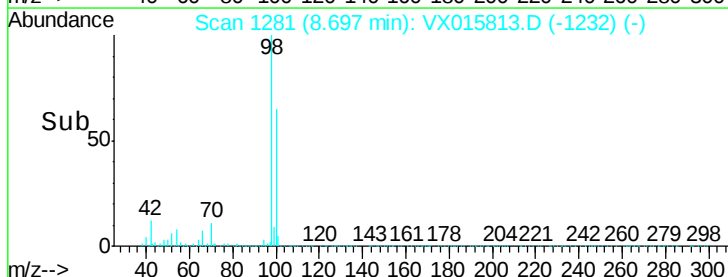
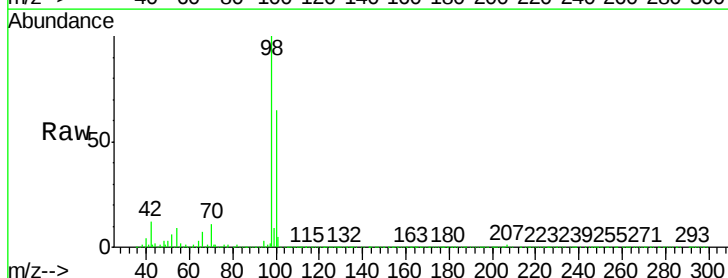
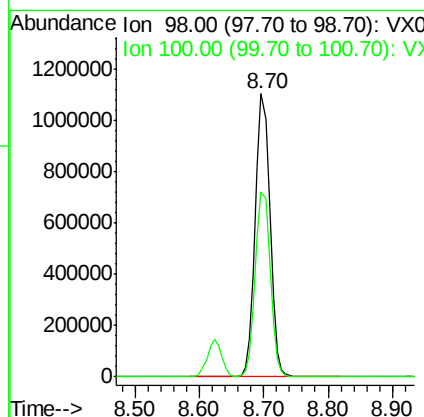
RT: 8.70 min Scan# 1281

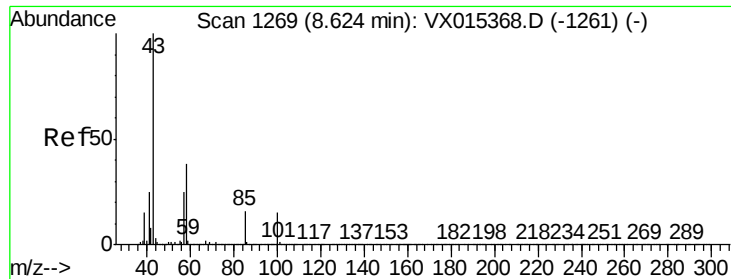
Delta R.T. -0.00 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Tgt Ion:	98	Resp:	1699152
Ion Ratio	Lower	Upper	
98	100		
100	66.8	53.5	80.3





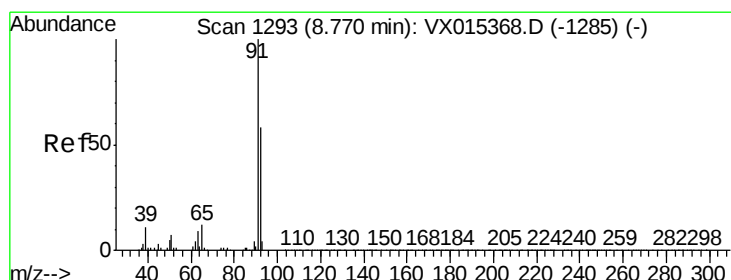
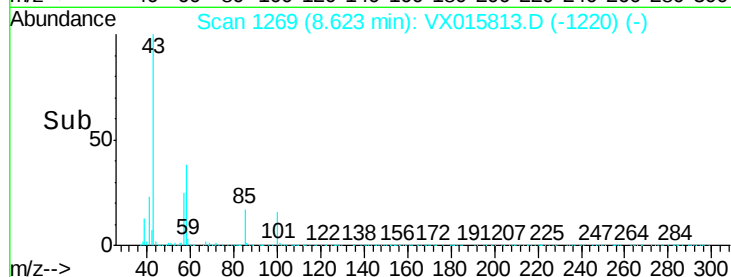
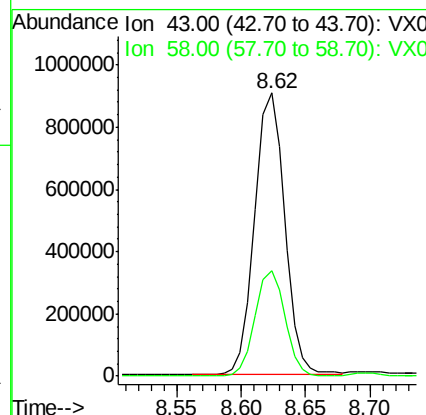
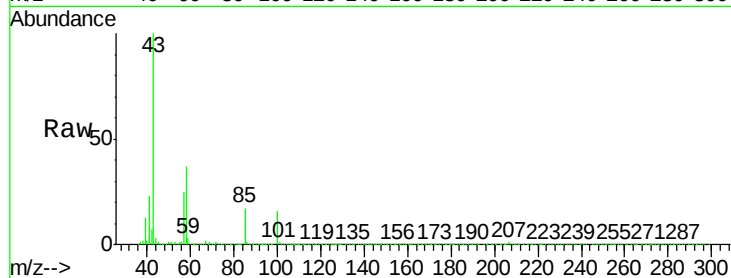
#51
4-Methyl-2-Pentanone
Concen: 88.174 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS02

Tot Ion: 43 Resp: 1451763
Ion Ratio Lower Upper
43 100
58 37.5 29.7 44.5

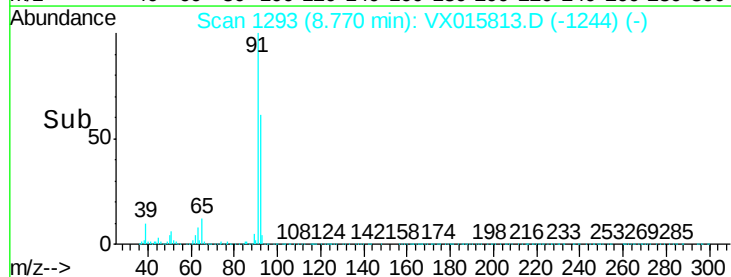
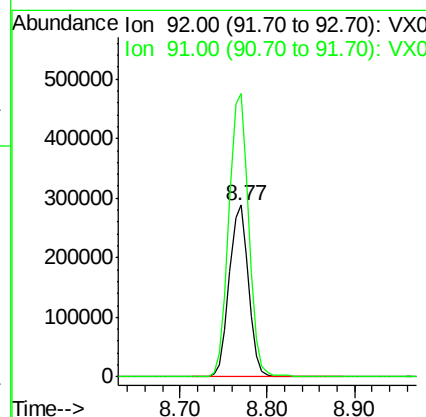
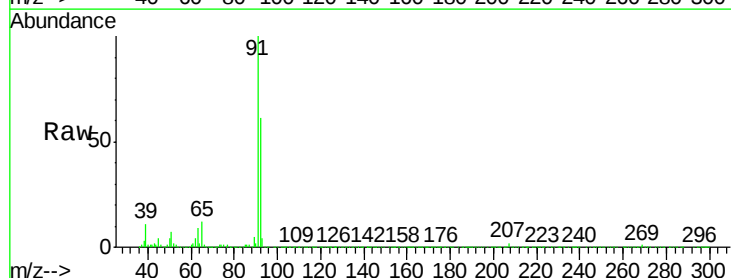
Manual Integrations
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MMDadoda
4/22/2020 10:00:37 AM



#52
Toluene
Concen: 18.402 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Tgt Ion: 92 Resp: 439277
Ion Ratio Lower Upper
92 100
91 168.7 136.6 205.0





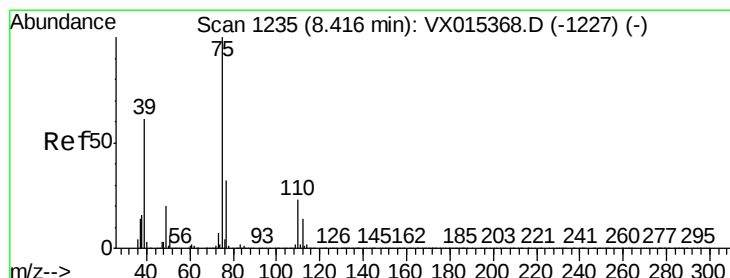
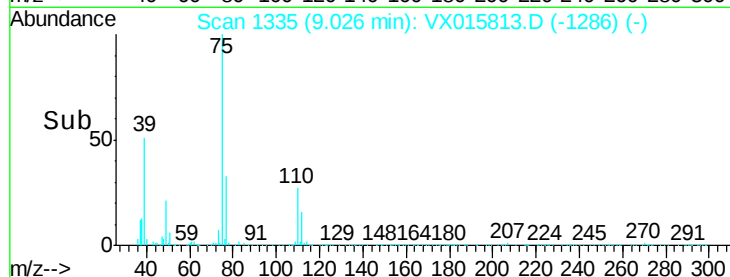
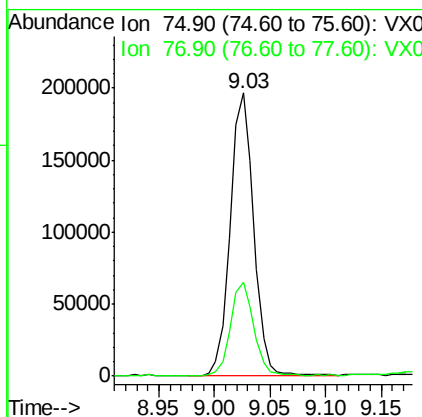
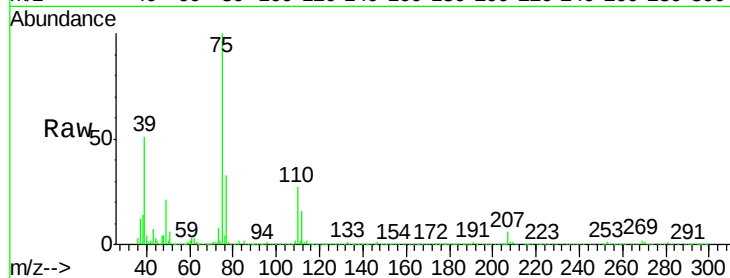
#53
t-1,3-Dichloropropene
Concen: 16.333 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.0	24.1	36.1

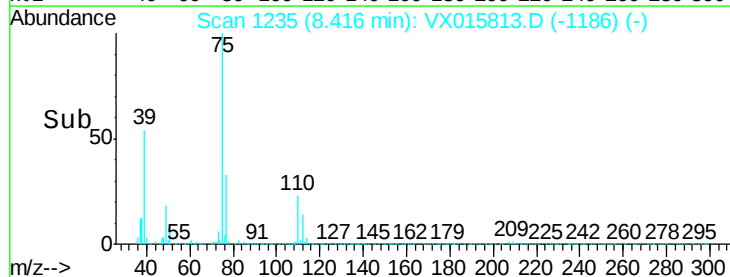
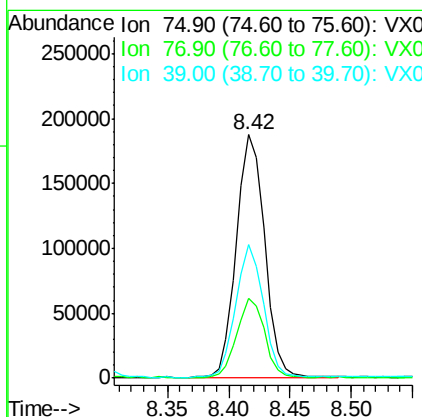
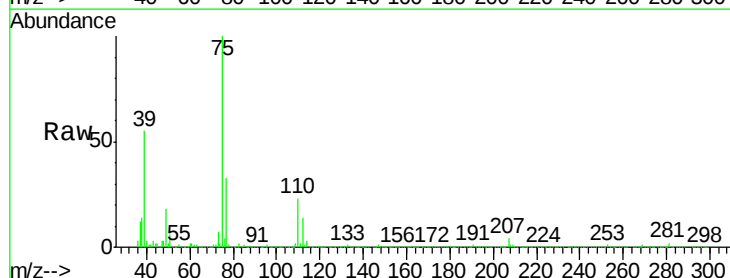
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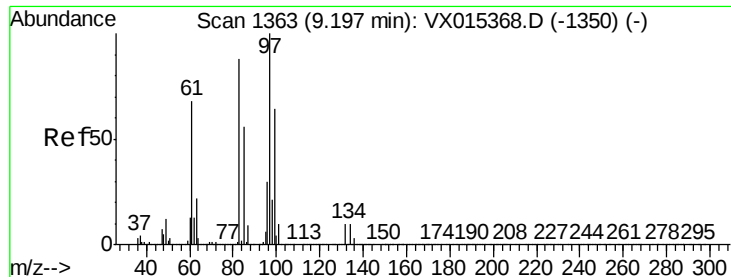
MMDadoda
4/22/2020 10:00:37 AM



#54
cis-1,3-Dichloropropene
Concen: 17.022 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.8	38.6
39	54.3	49.0	73.4





#55

1,1,2-Trichloroethane

Concen: 18.620 ug/l

RT: 9.20 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Instrument :

MSVOA_X

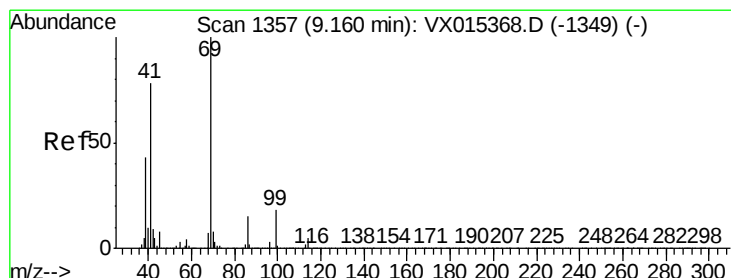
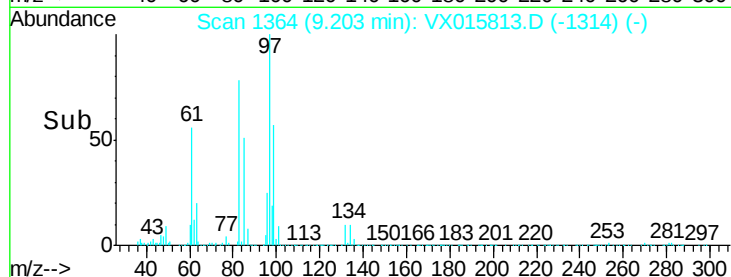
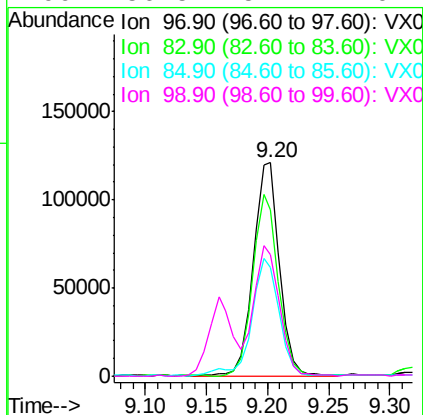
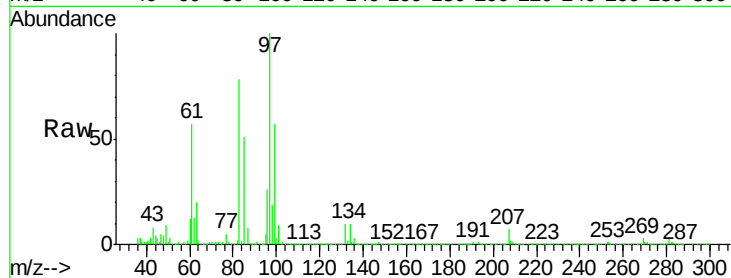
ClientSampleId :

VX0421WBS02

Tot Ion:	97	Resp:	182097
Ion Ratio	Lower	Upper	
97	100		
83	77.6	70.2	105.4
85	50.9	44.7	67.1
99	56.5	51.1	76.7

Manual Integrations
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4/22/2020 10:00:37 AM



#56

Ethyl methacrylate

Concen: 17.861 ug/l

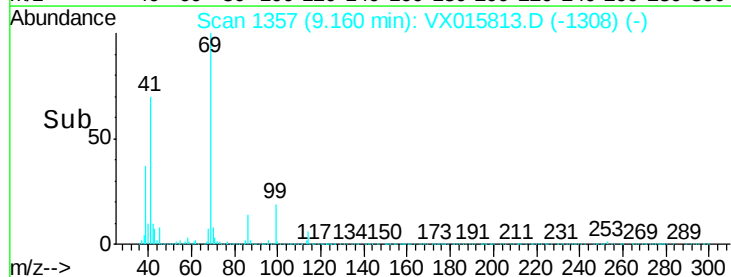
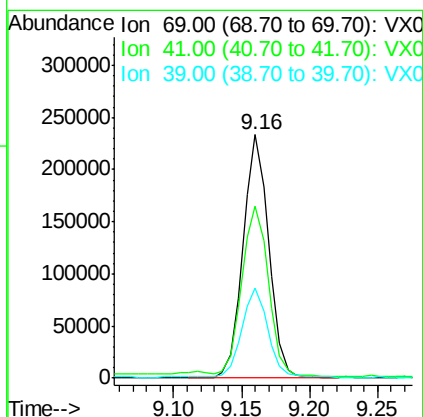
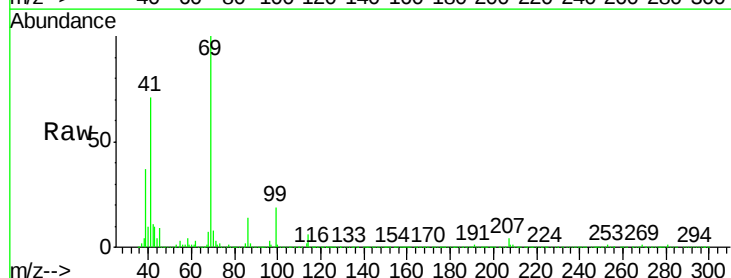
RT: 9.16 min Scan# 1357

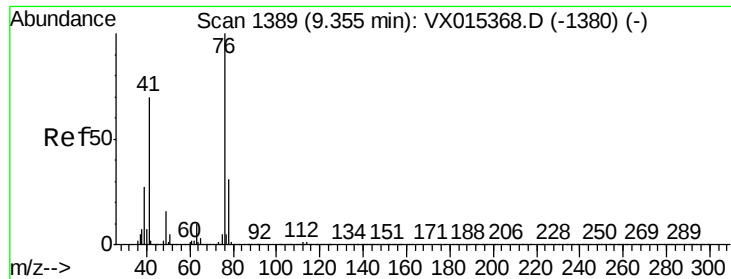
Delta R.T. -0.00 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Tgt Ion:	69	Resp:	307848
Ion Ratio	Lower	Upper	
69	100		
41	73.2	61.6	92.4
39	38.0	34.0	51.0





#57

1,3-Dichloropropane

Concen: 17.633 ug/l

RT: 9.35 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS02

Tot Ion: 76 Resp: 310706

Ion Ratio Lower Upper

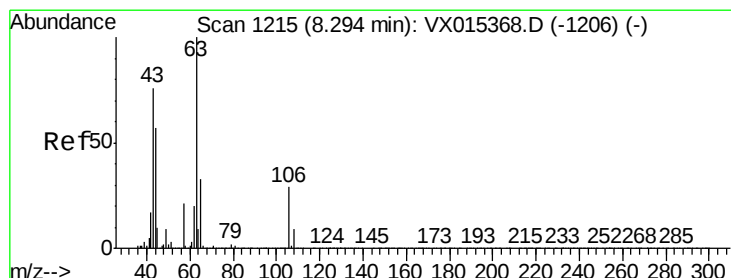
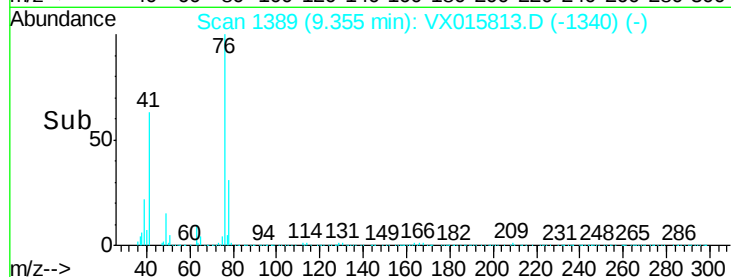
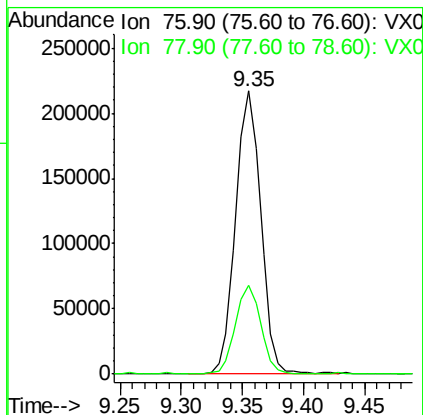
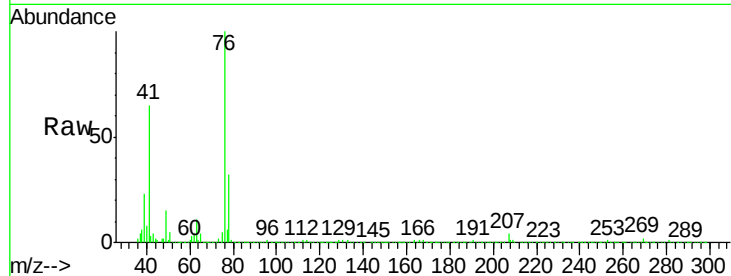
76 100

78 31.0 25.8 38.8

Manual Integrations
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4/22/2020 10:00:37 AM



#58

2-Chloroethyl Vinyl ether

Concen: 88.738 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. -0.00 min

Lab File: VX015813.D

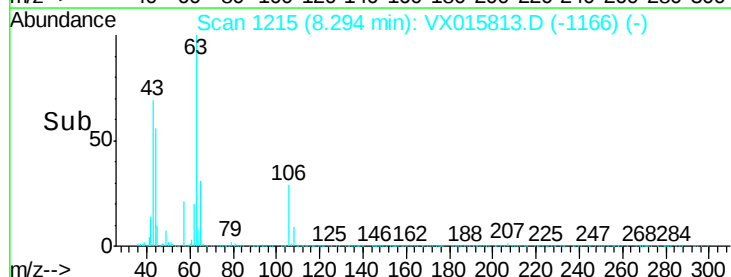
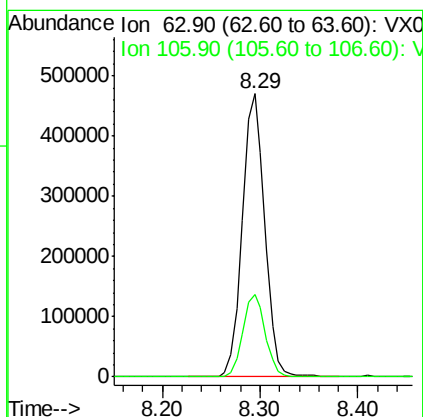
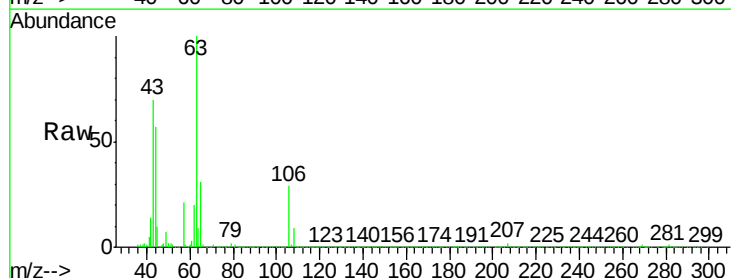
Acq: 21 Apr 2020 23:26

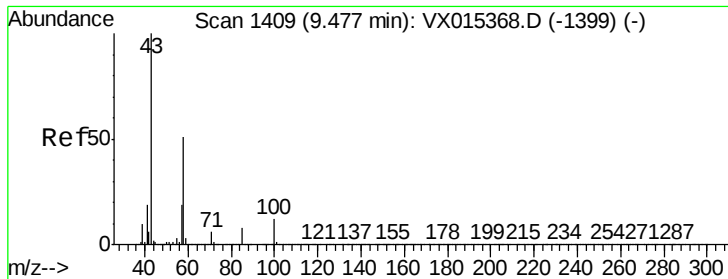
Tgt Ion: 63 Resp: 743938

Ion Ratio Lower Upper

63 100

106 29.2 22.7 34.1





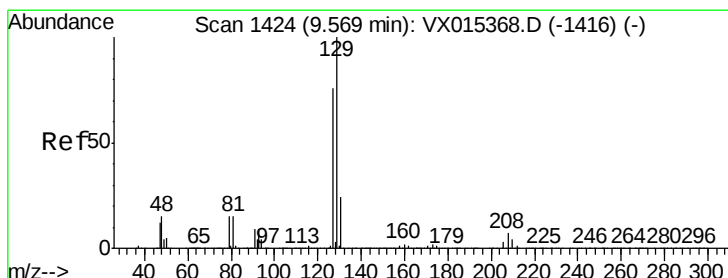
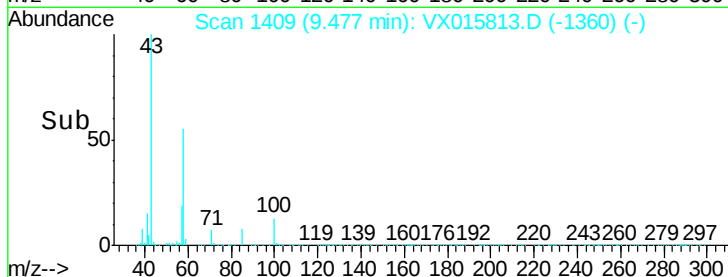
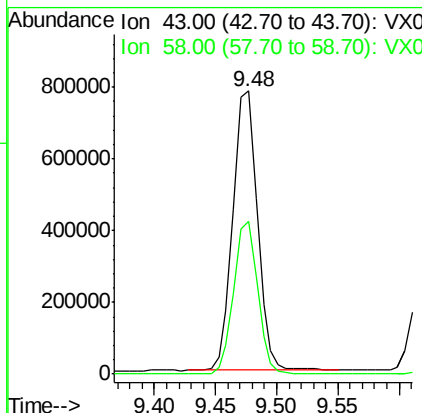
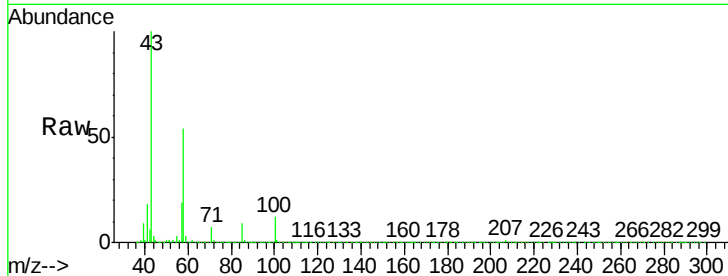
#59
2-Hexanone
Concen: 87.218 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS02

Tot Ion: 43 Resp: 1084160
Ion Ratio Lower Upper
43 100
58 53.4 25.6 76.6

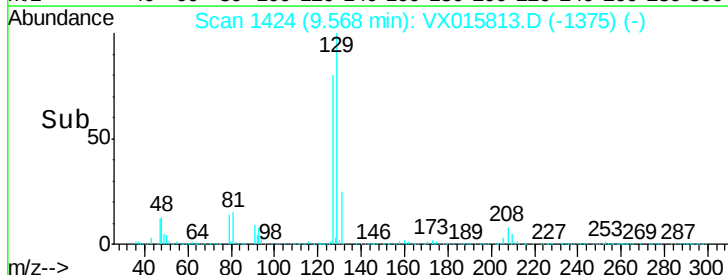
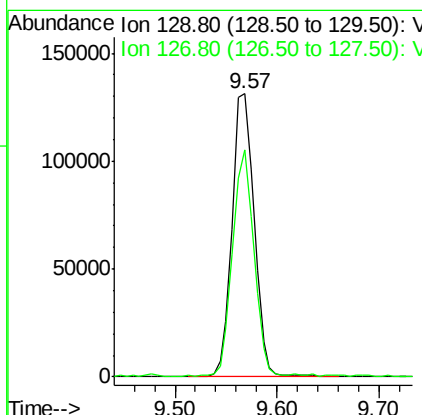
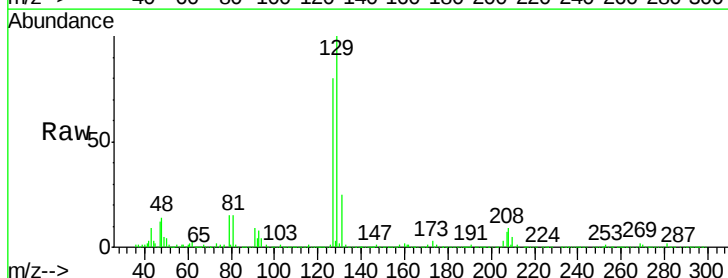
Manual Integrations
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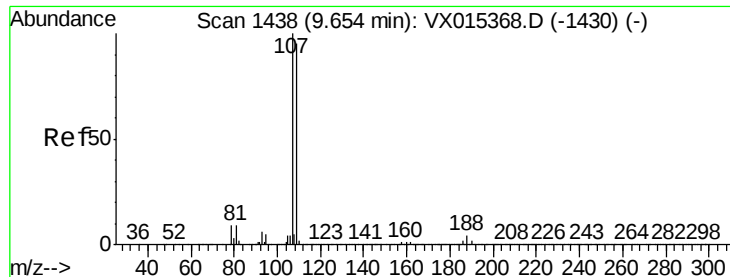
MMDadoda
4/22/2020 10:00:37 AM



#60
Dibromochloromethane
Concen: 16.682 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Tgt Ion: 129 Resp: 196047
Ion Ratio Lower Upper
129 100
127 77.3 38.2 114.6





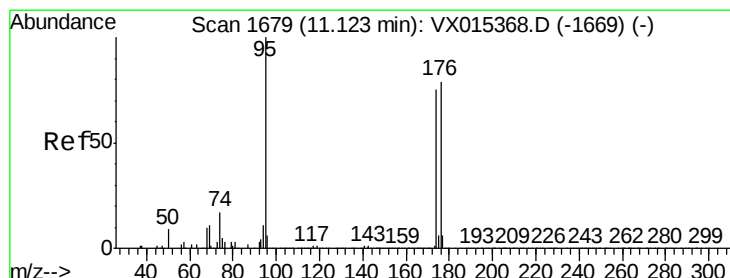
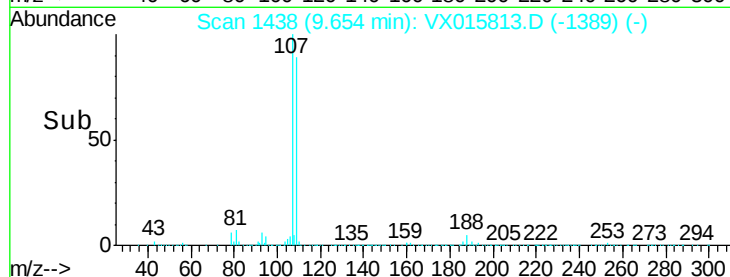
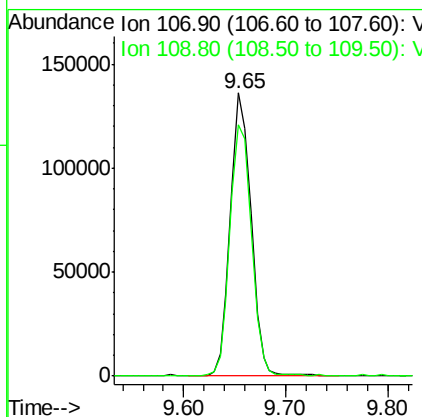
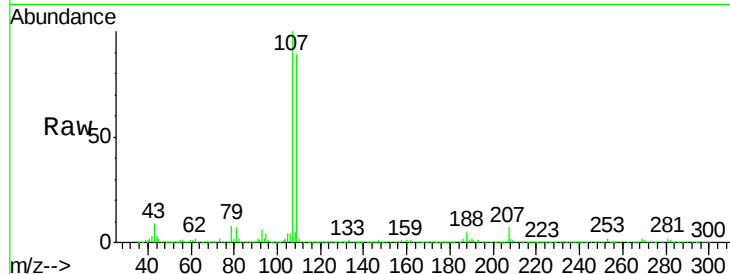
#61
 1,2-Dibromoethane
 Concen: 17.997 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: VX015813.D
 Acq: 21 Apr 2020 23:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBS02

Tot Ion	Ratio	Resp	Lower	Upper
107	100	191377		
109	92.0	74.8	112.2	

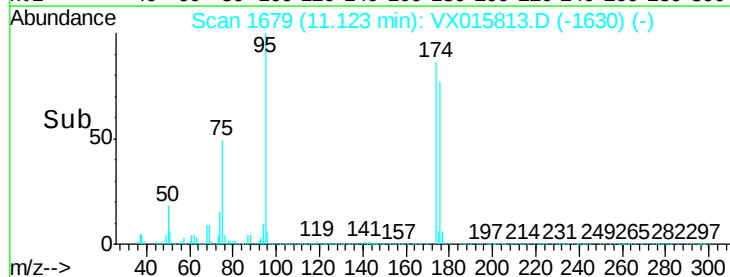
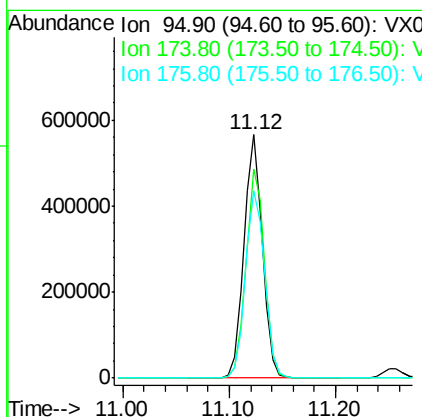
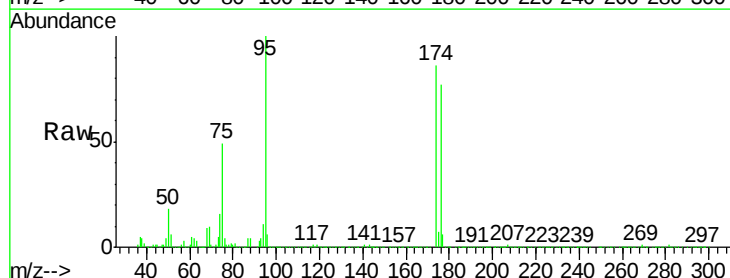
Manual Integrations
 APPROVED

MMDadoda
 4/22/2020 10:00:37 AM



#62
 4-Bromofluorobenzene
 Concen: 50.039 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: VX015813.D
 Acq: 21 Apr 2020 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	686570		
174	87.0	0.0	158.6	
176	81.2	0.0	159.0	





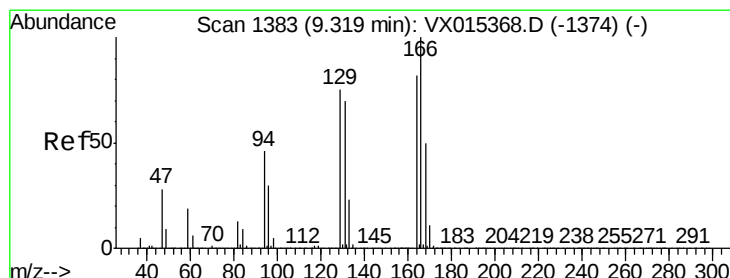
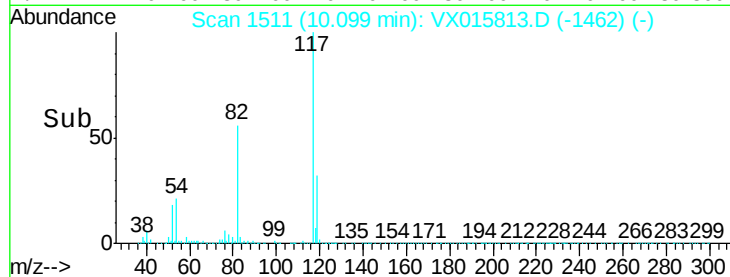
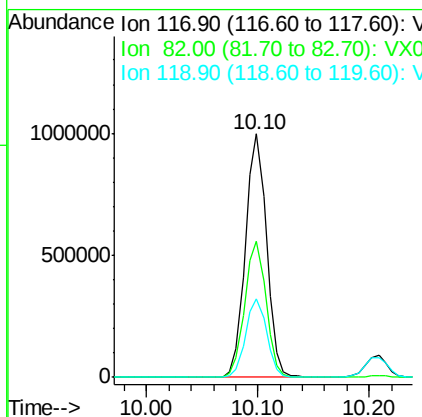
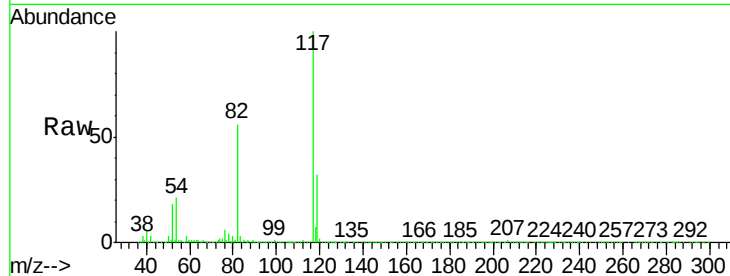
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	47.8	71.8
119	32.0	26.8	40.2

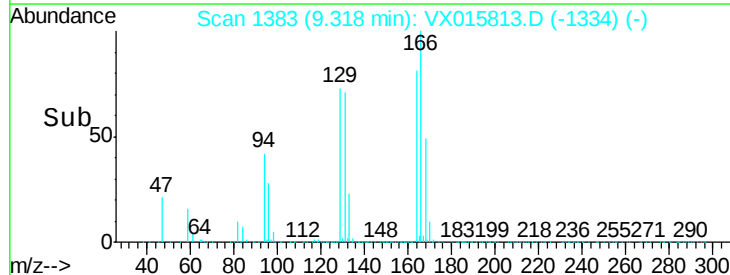
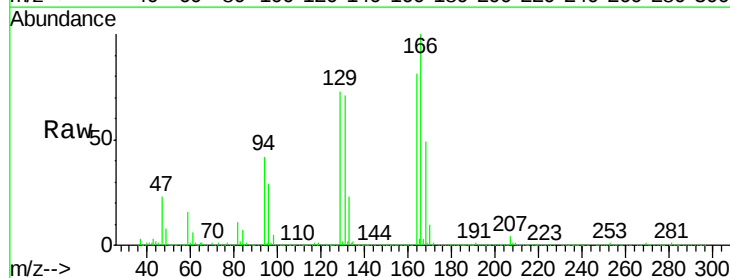
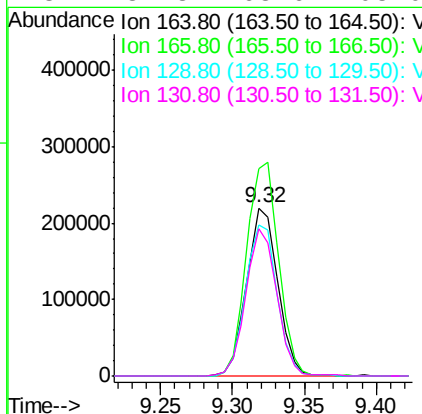
Manual Integrations
APPROVED

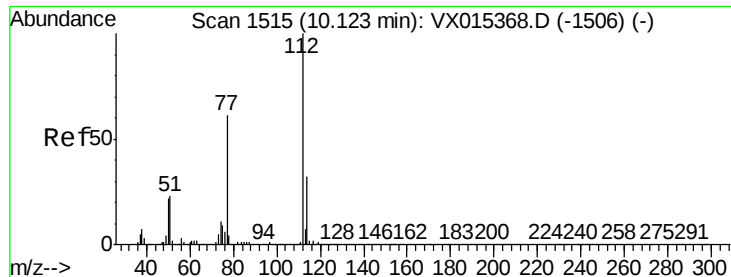
MMDadoda
4/22/2020 10:00:37 AM



#64
Tetrachloroethene
Concen: 32.888 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.7	97.8	146.6
129	90.2	73.0	109.4
131	87.3	68.6	103.0





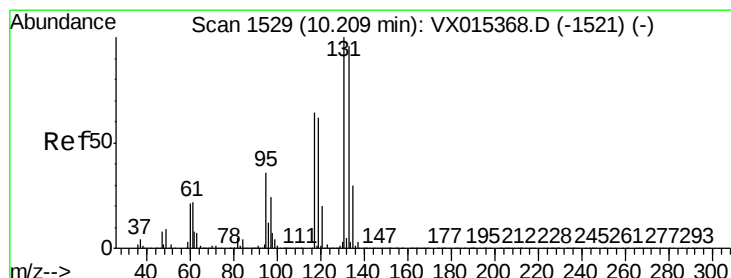
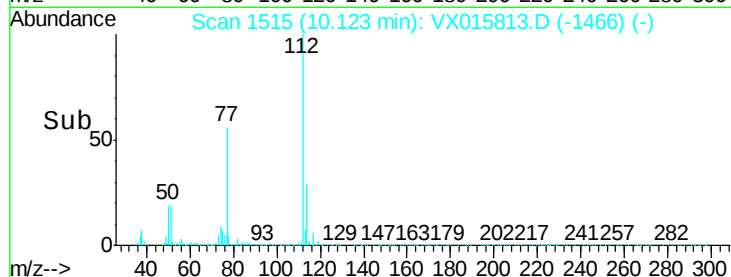
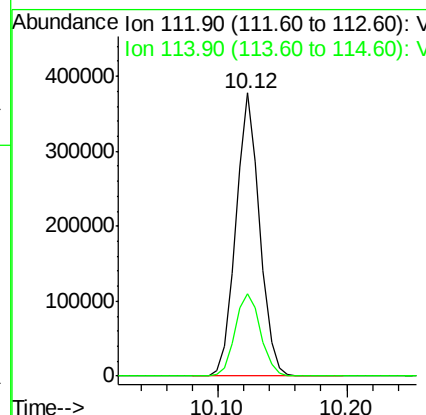
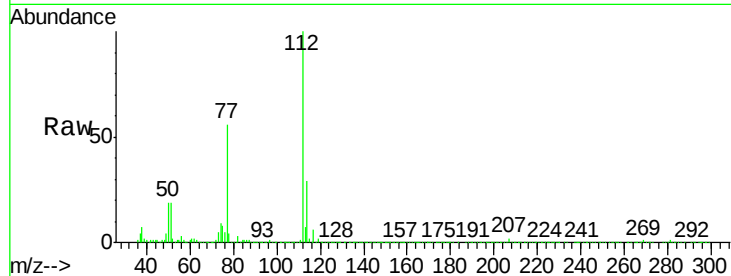
#65
Chlorobenzene
Concen: 18.522 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	29.2	25.5	38.3

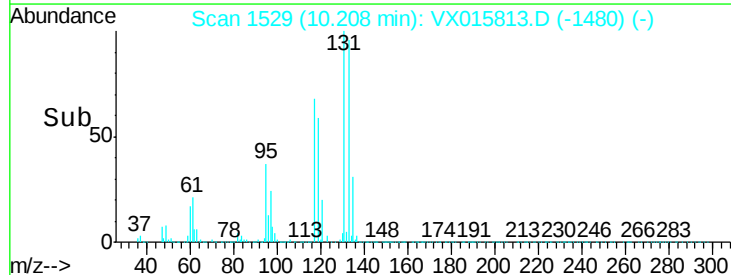
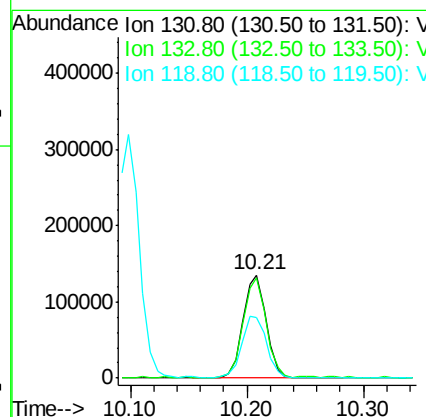
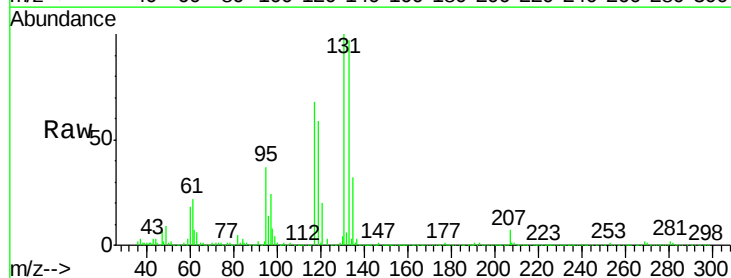
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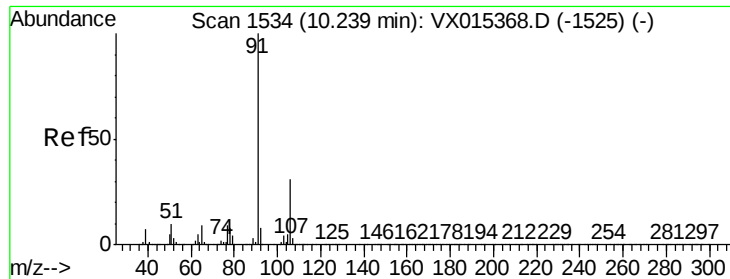
MMDadoda
4/22/2020 10:00:37 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 17.912 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.6	47.6	142.9
119	62.6	31.1	93.3





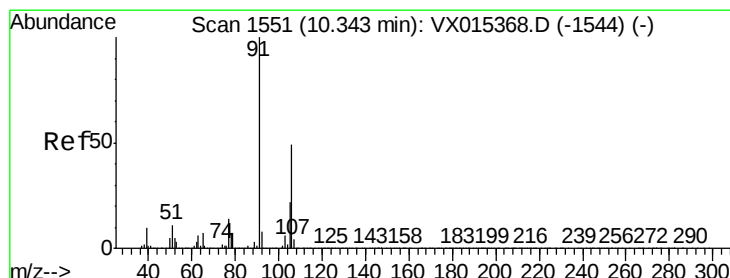
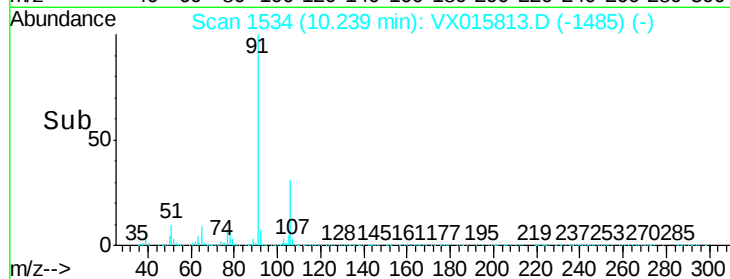
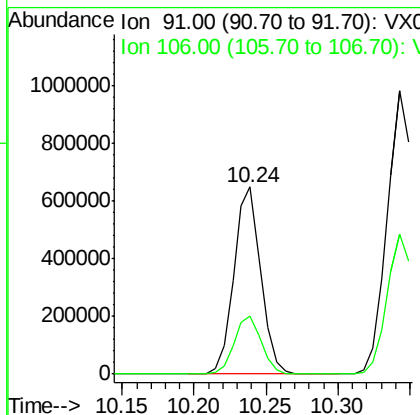
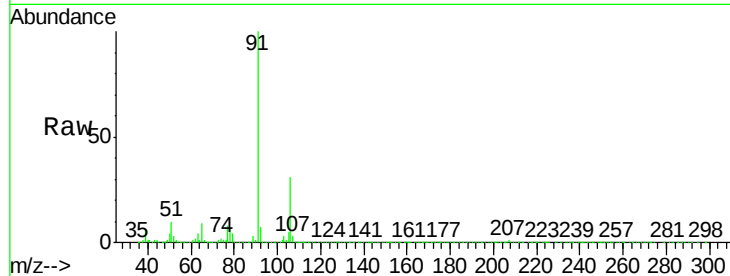
#67
Ethyl Benzene
Concen: 18.041 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS02

Tot Ion: 91 Resp: 840896
Ion Ratio Lower Upper
91 100
106 30.8 24.8 37.2

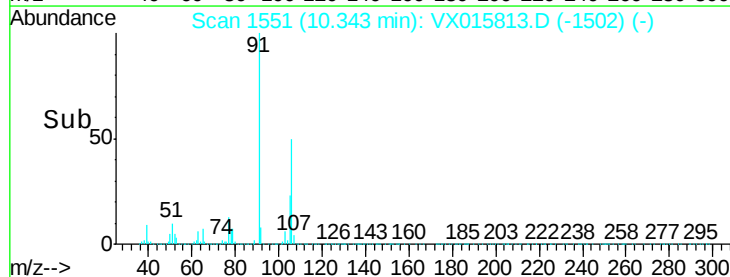
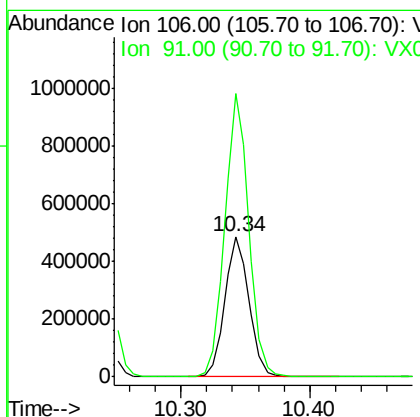
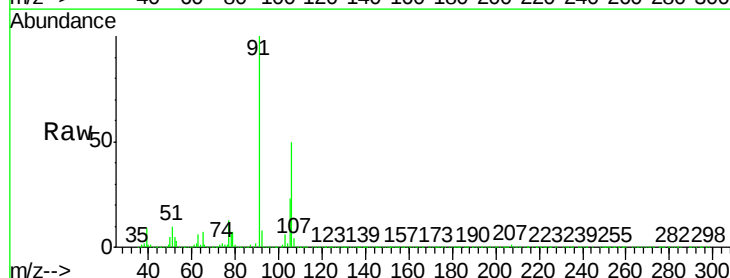
Manual Integrations
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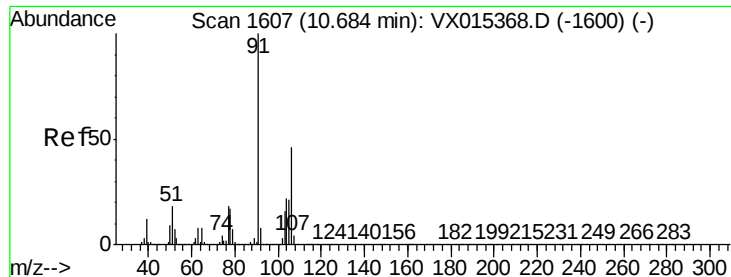
MMDadoda
4/22/2020 10:00:37 AM



#68
m/p-Xylenes
Concen: 36.654 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Tgt Ion: 106 Resp: 636173
Ion Ratio Lower Upper
106 100
91 200.7 163.4 245.0





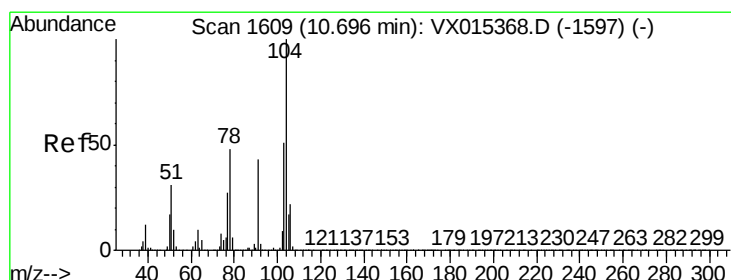
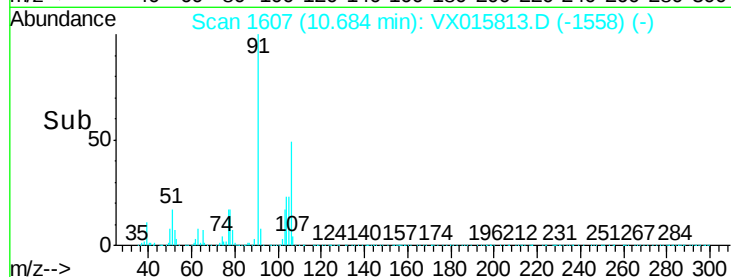
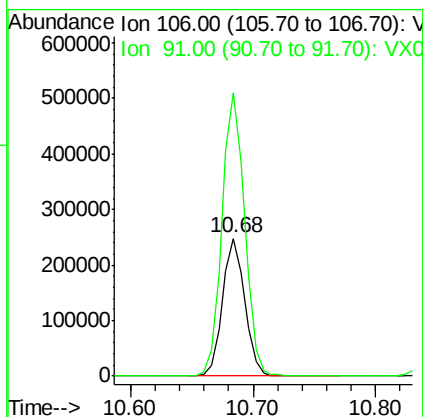
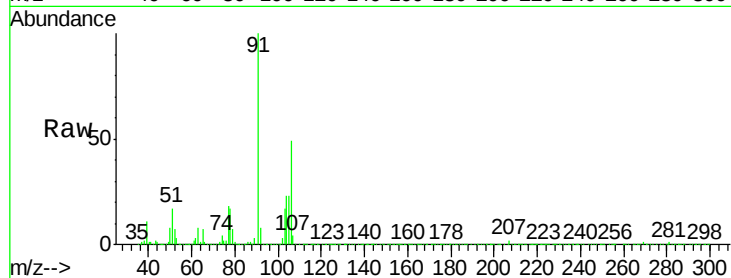
#69
o-Xylene
Concen: 18.217 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.7	107.1	321.3

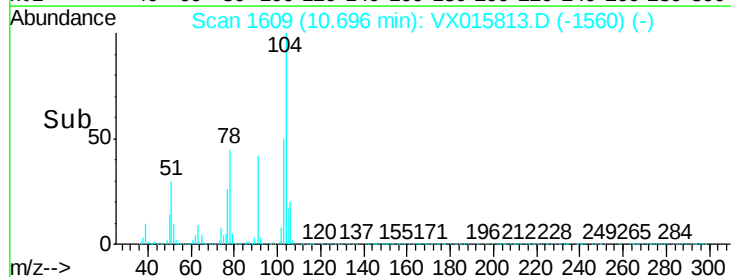
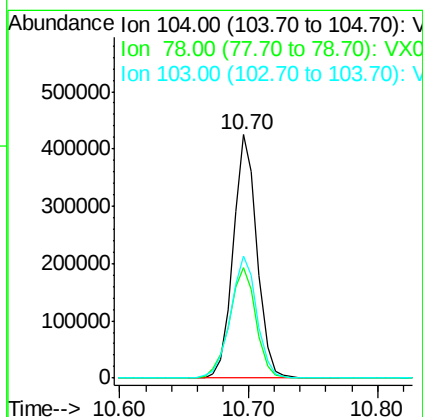
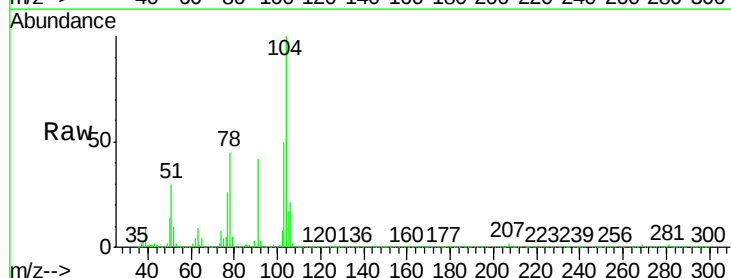
Manual Integrations
APPROVED

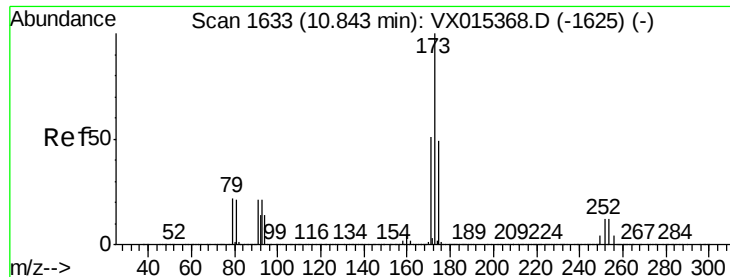
MMDadoda
4/22/2020 10:00:37 AM



#70
Styrene
Concen: 18.048 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.7	42.0	63.0
103	55.3	43.4	65.0





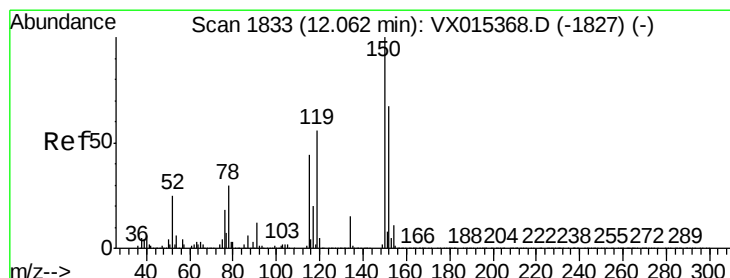
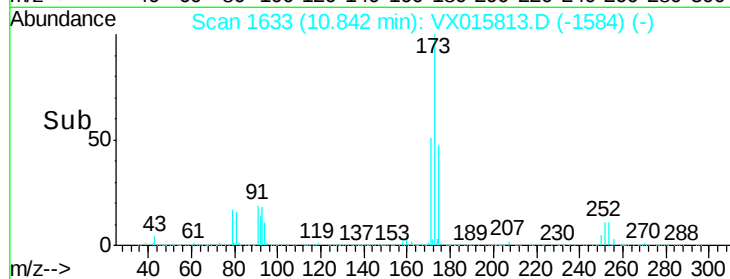
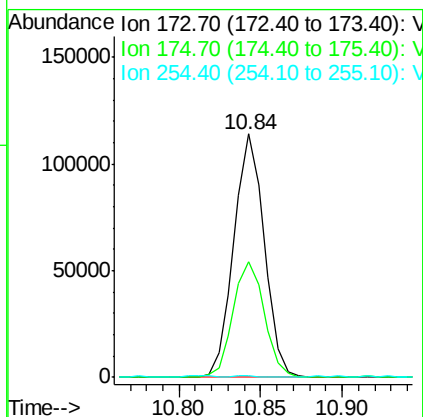
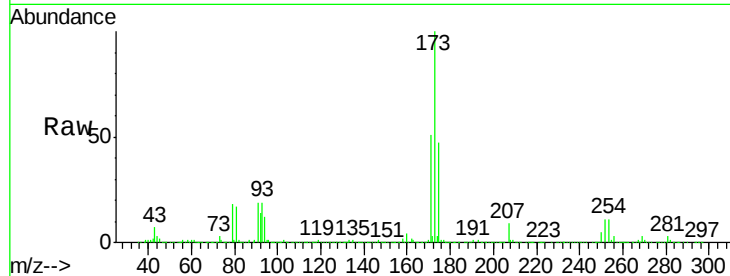
#71
Bromoform
Concen: 15.480 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Instrument :
MSVOA_X
ClientSampled :
VX0421WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	23.9	71.7
254	0.4	0.1	0.1#

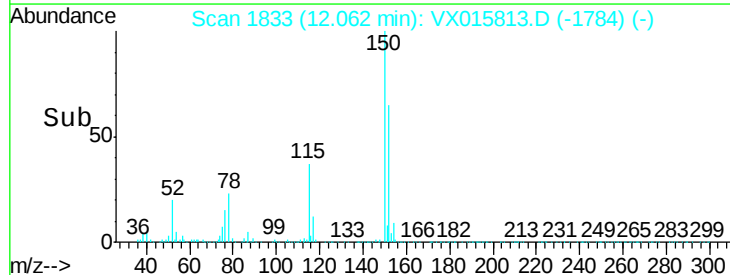
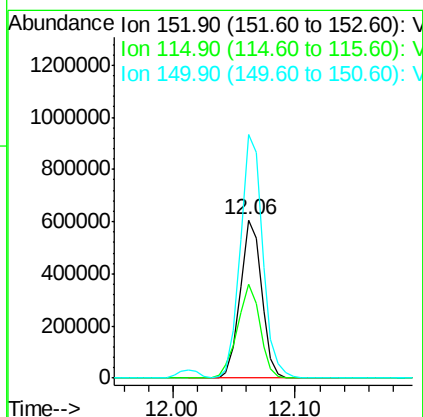
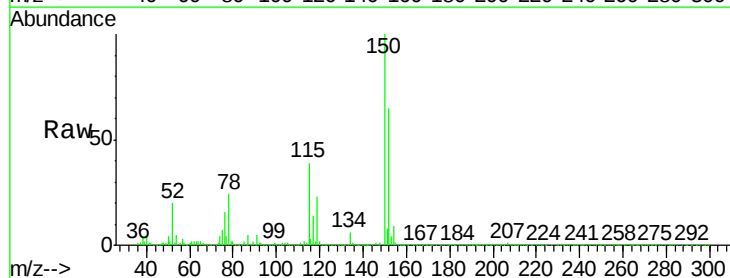
Manual Integrations
APPROVED

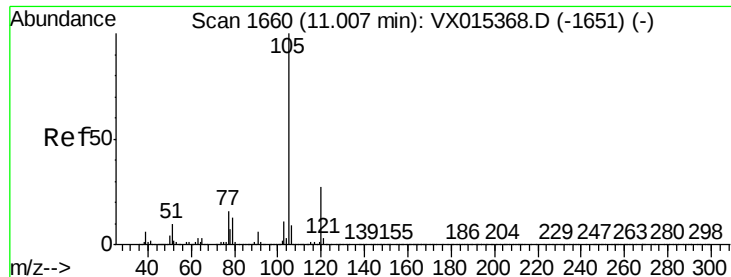
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.0	39.0	116.9
150	160.7	0.0	340.8





#73

Isopropylbenzene

Concen: 17.569 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS02

Tot Ion: 105 Resp: 837912

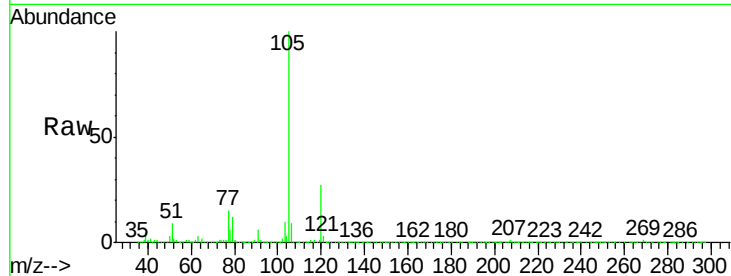
Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.5

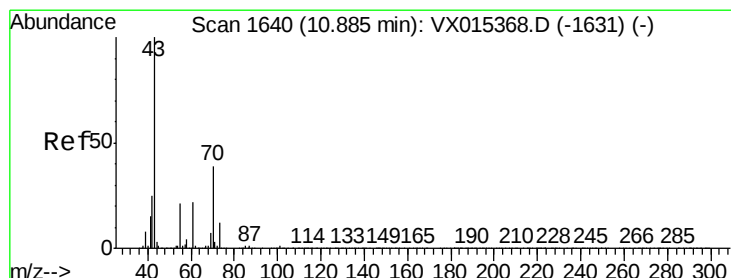
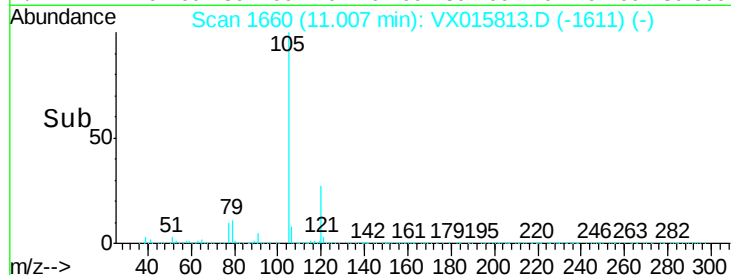
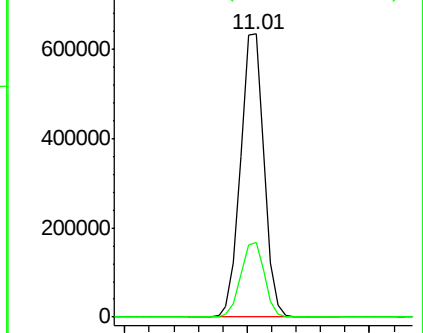
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.576 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Tgt Ion: 43 Resp: 439699

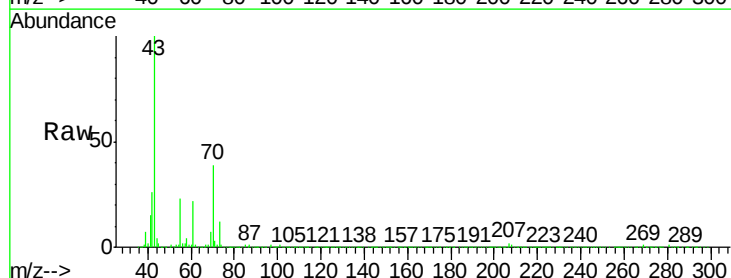
Ion Ratio Lower Upper

43 100

70 39.9 30.2 45.4

55 22.5 16.8 25.2

61 23.4 18.2 27.2

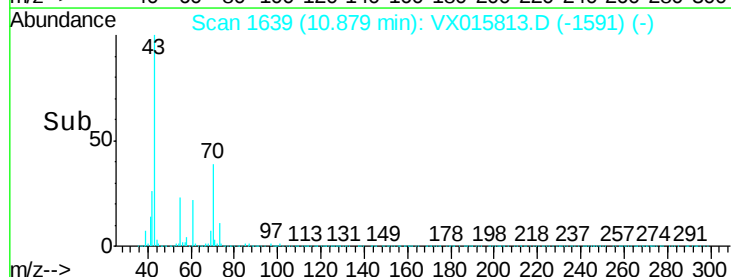
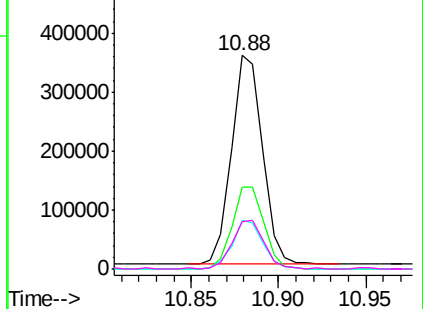


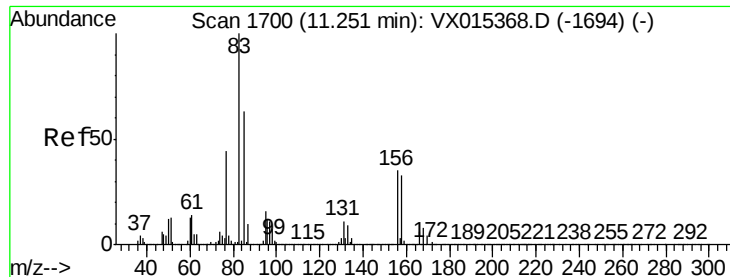
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 11.047 ug/l

RT: 11.26 min Scan# 1701

Delta R.T. 0.01 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS02

Tot Ion: 83 Resp: 180782

Ion Ratio Lower Upper

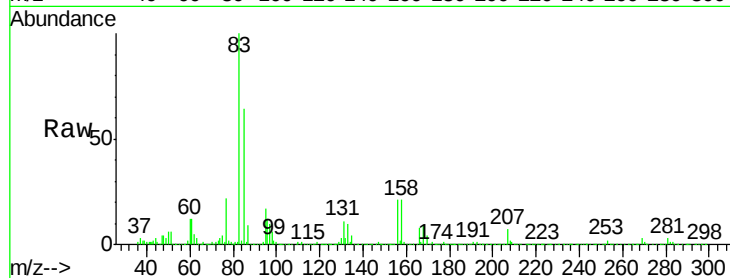
83 100

131 11.3 5.3 16.1

85 63.5 32.0 96.0

Manual Integrations
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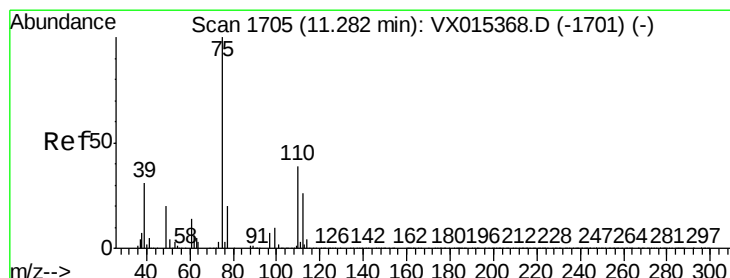
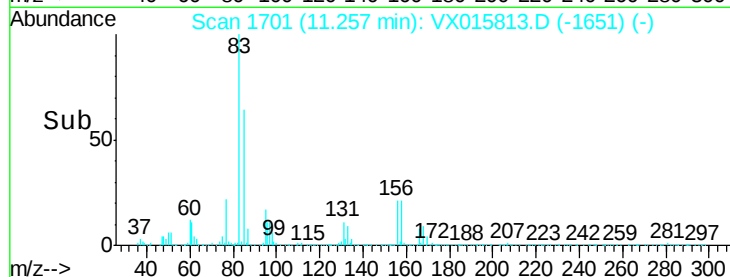
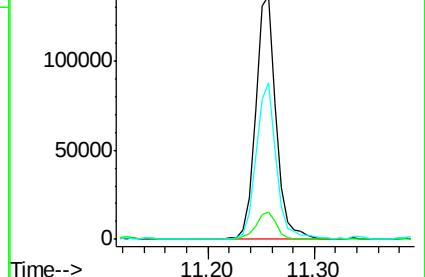
MMDadoda
4/22/2020 10:00:37 AM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 16.599 ug/l m

RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015813.D

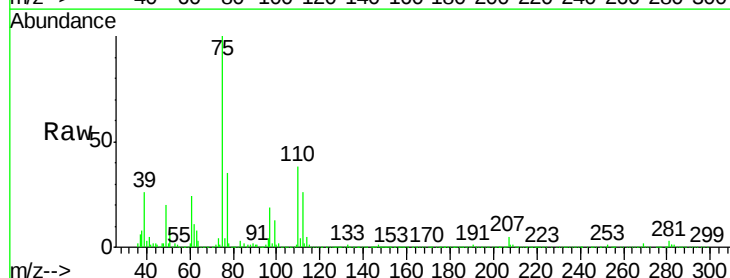
Acq: 21 Apr 2020 23:26

Tgt Ion: 75 Resp: 248462

Ion Ratio Lower Upper

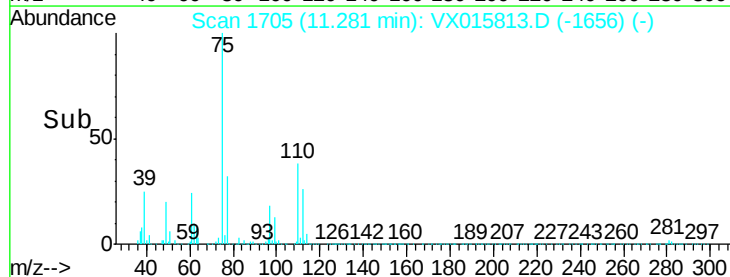
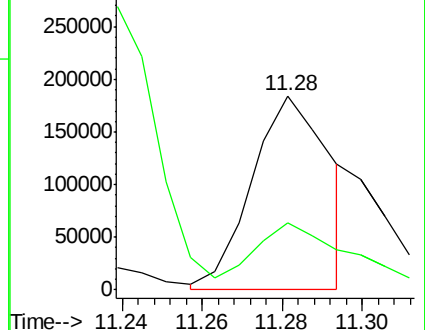
75 100

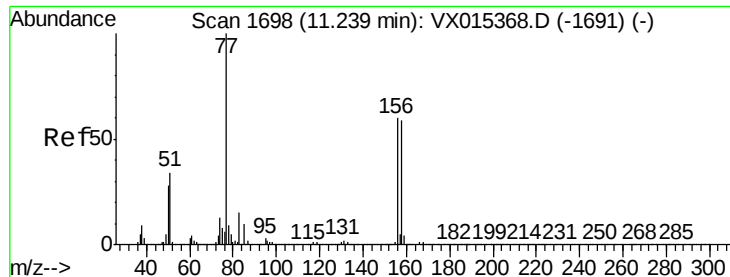
77 43.1 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.267 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Instrument :

MSVOA_X

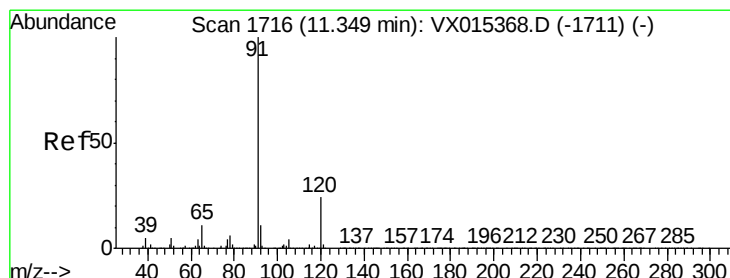
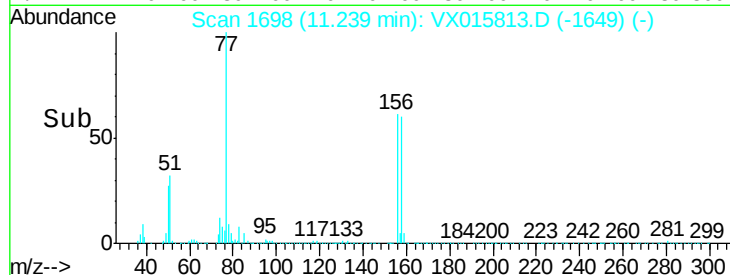
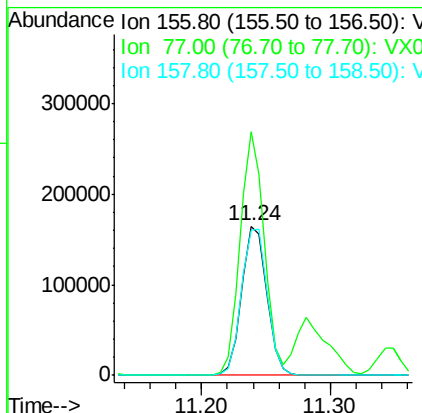
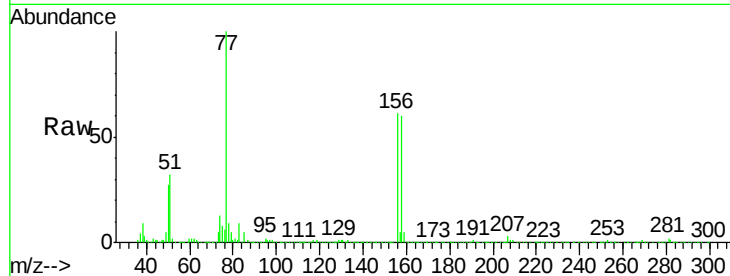
ClientSampleId :

VX0421WBS02

Tot Ion:	156	Resp:	219658
Ion Ratio	Lower	Upper	
156	100		
77	157.5	82.2	246.5
158	101.2	49.3	147.9

Manual Integrations
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#78

n-propylbenzene

Concen: 17.147 ug/l

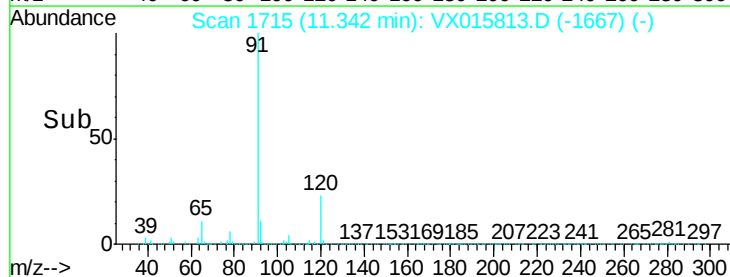
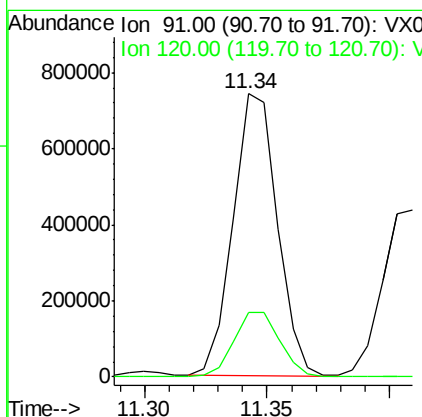
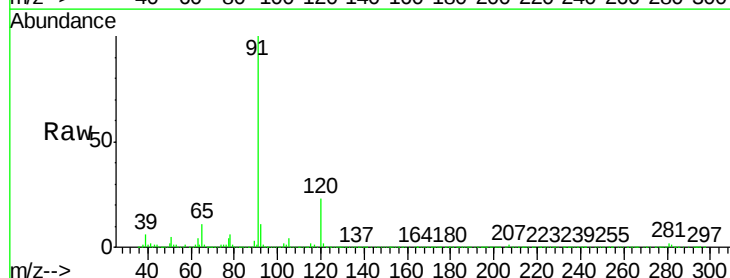
RT: 11.34 min Scan# 1715

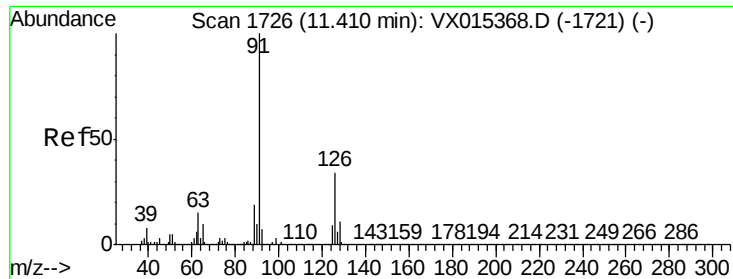
Delta R.T. -0.01 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Tgt Ion:	91	Resp:	935141
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.7	35.0





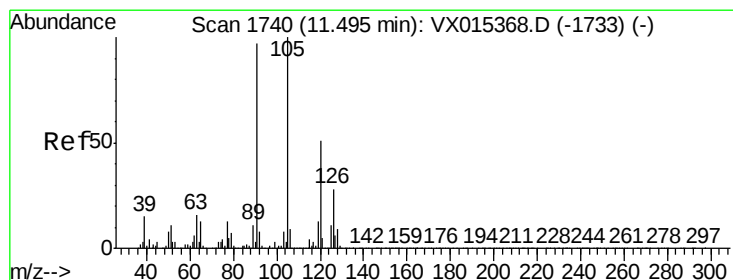
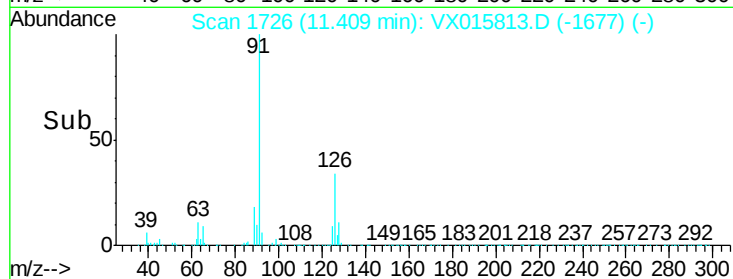
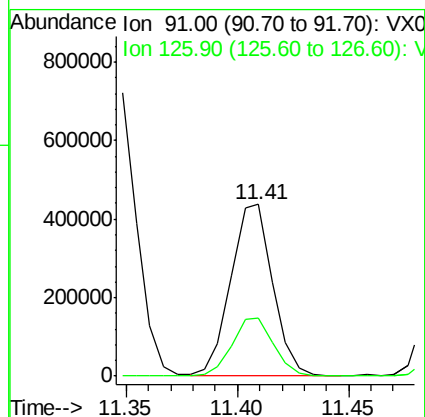
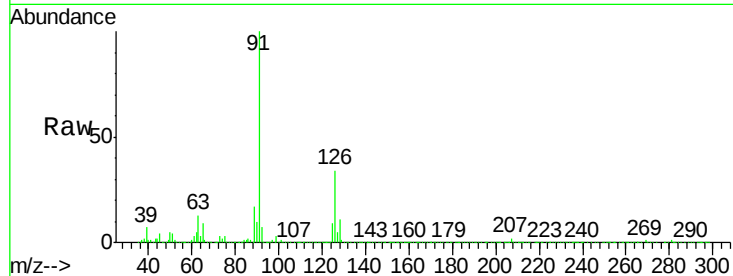
#79
2-Chlorotoluene
Concen: 17.009 ug/l
RT: 11.41 min Scan# 1726
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
126	34.3	16.5	49.5

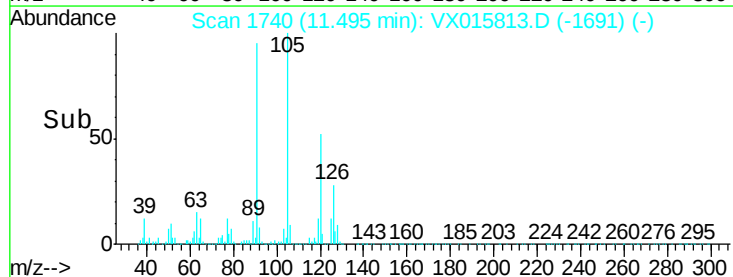
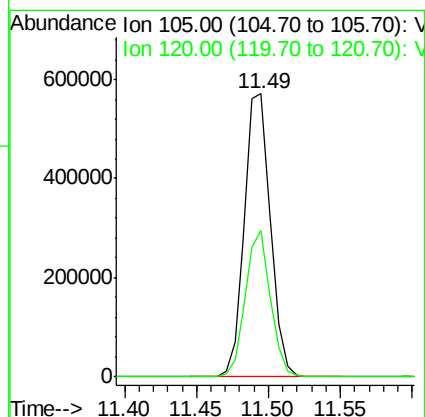
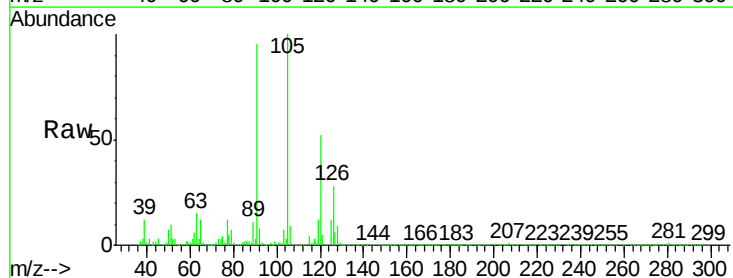
Manual Integrations
APPROVED

MMDadoda
4/22/2020 10:00:37 AM



#80
1,3,5-Trimethylbenzene
Concen: 17.506 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.5	24.8	74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 15.540 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. -0.00 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Instrument :

MSVOA_X

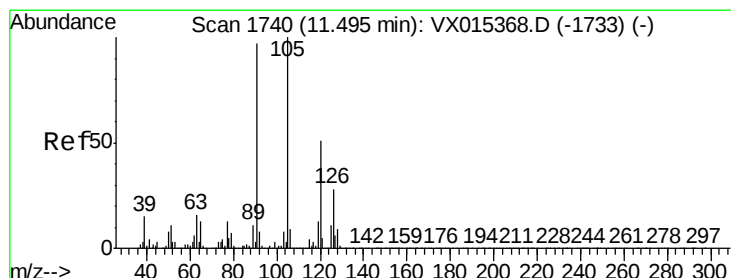
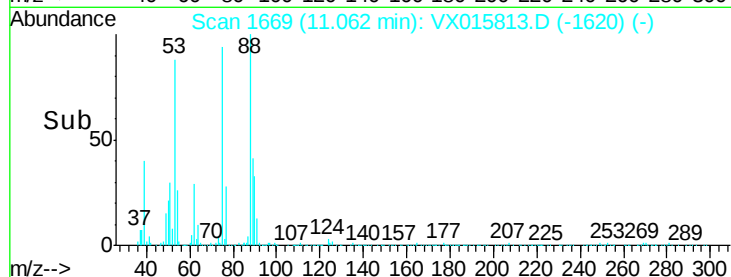
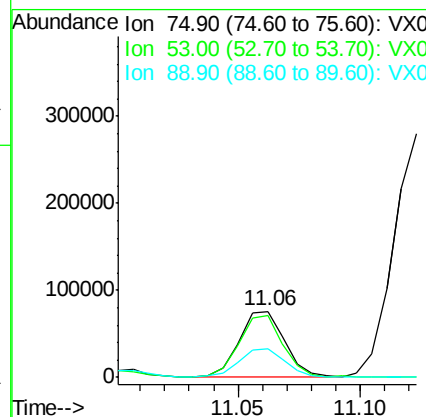
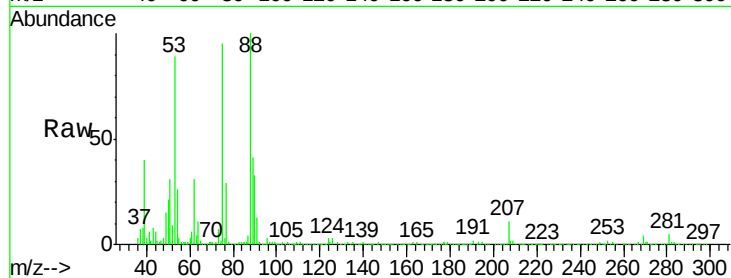
ClientSampleId :

VX0421WBS02

Tot Ion:	75	Resp:	96947
Ion Ratio	Lower	Upper	
75	100		
53	91.5	80.1	120.1
89	45.0	36.1	54.1

Manual Integrations
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4/22/2020 10:00:37 AM



#82

4-Chlorotoluene

Concen: 16.832 ug/l

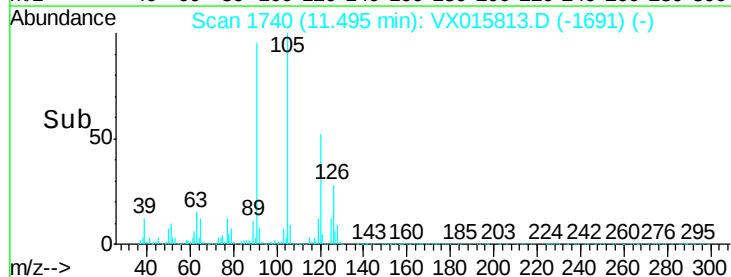
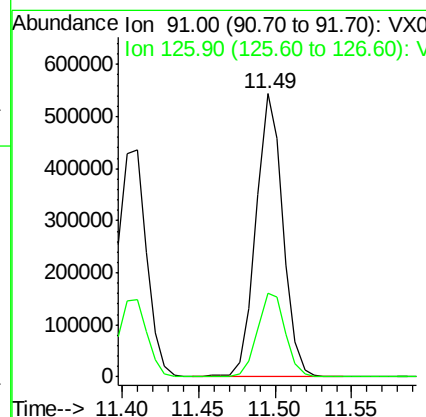
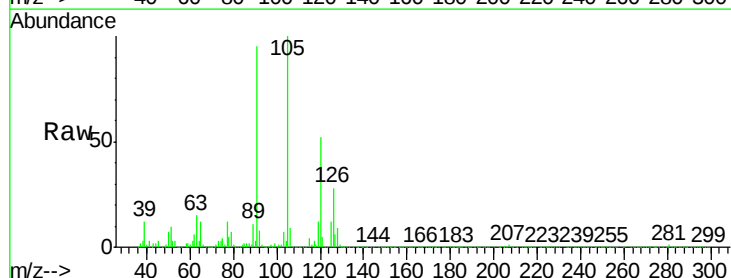
RT: 11.49 min Scan# 1740

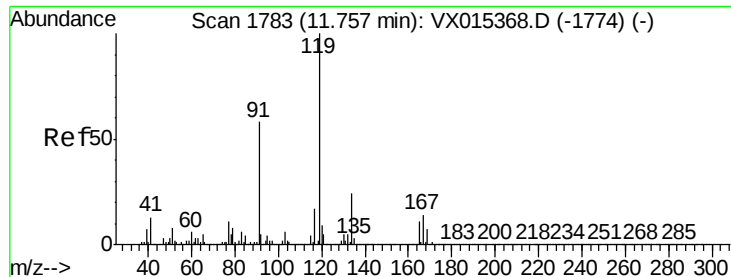
Delta R.T. -0.00 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Tgt Ion:	91	Resp:	659597
Ion Ratio	Lower	Upper	
91	100		
126	31.0	14.7	44.1





#83

tert-Butylbenzene

Concen: 15.861 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Instrument :

MSVOA_X

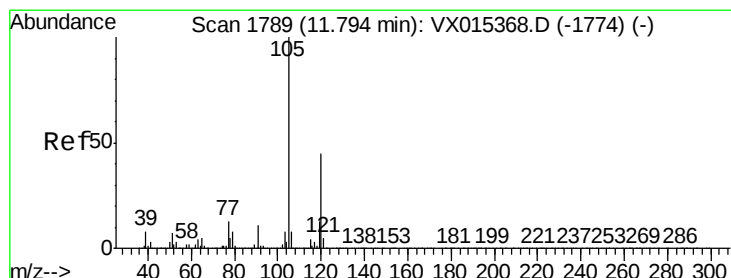
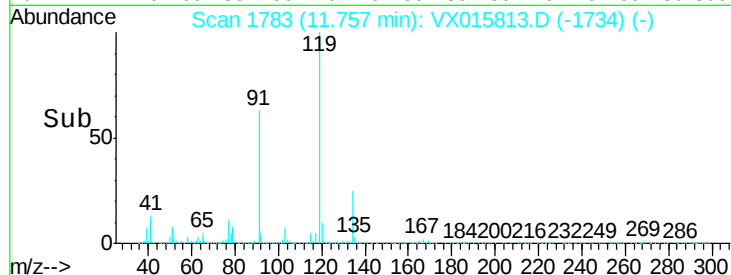
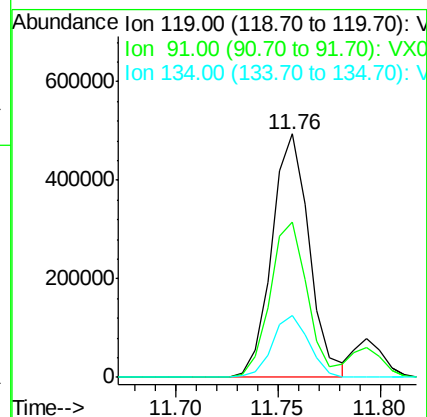
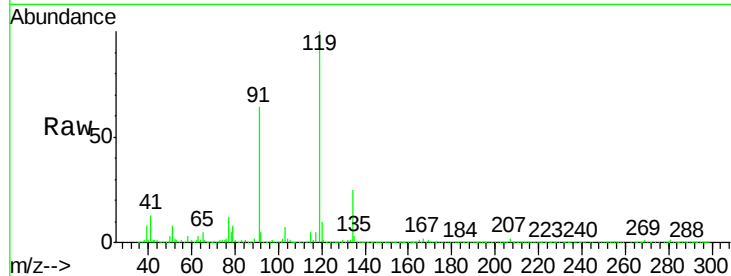
ClientSampleId :

VX0421WBS02

Tot Ion:	119	Resp:	631061
Ion Ratio	Lower	Upper	
119	100		
91	64.1	28.6	85.8
134	24.9	11.8	35.3

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 17.198 ug/l

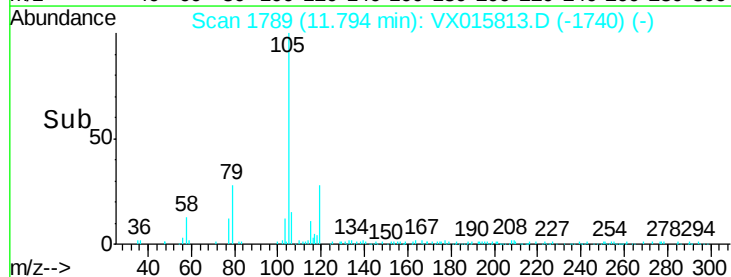
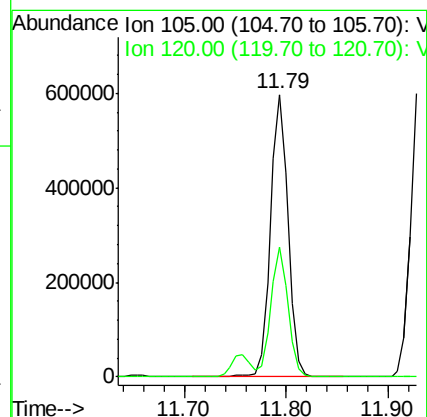
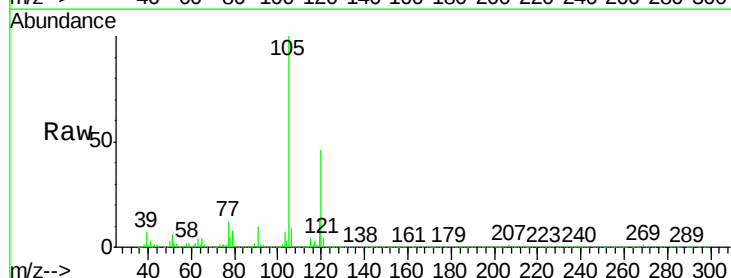
RT: 11.79 min Scan# 1789

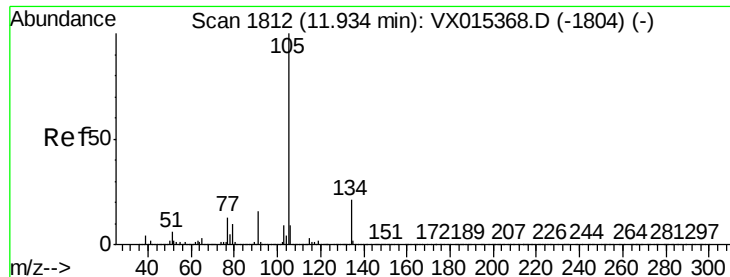
Delta R.T. -0.00 min

Lab File: VX015813.D

Acq: 21 Apr 2020 23:26

Tgt Ion:	105	Resp:	713832
Ion Ratio	Lower	Upper	
105	100		
120	45.0	22.7	68.1





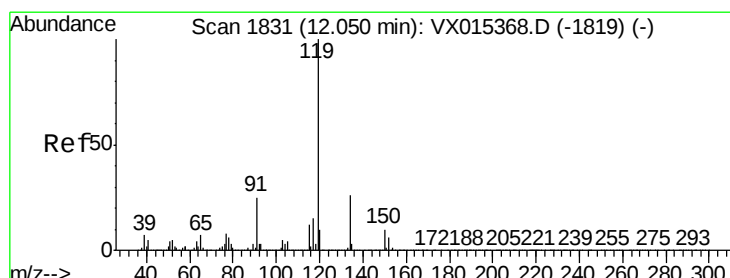
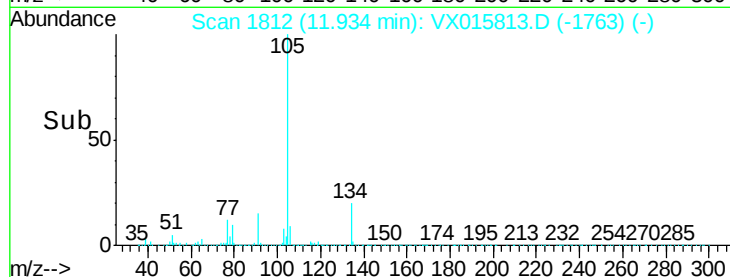
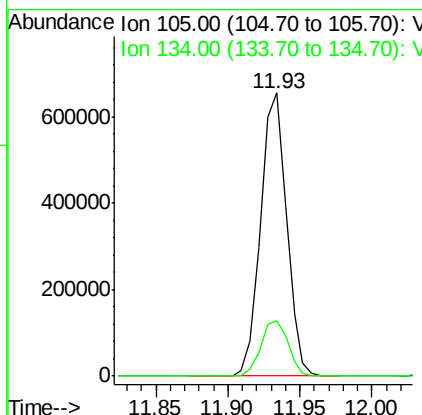
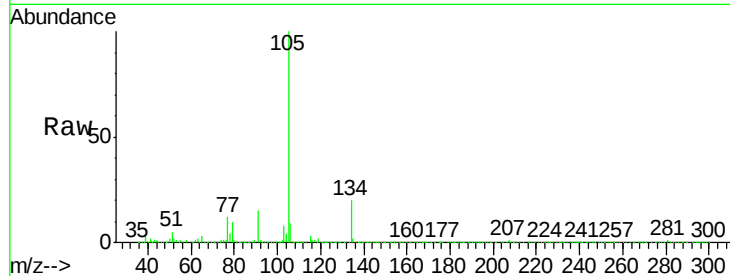
#85
 sec-Butylbenzene
 Concen: 17.589 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VX015813.D
 Acq: 21 Apr 2020 23:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.5	10.4	31.1

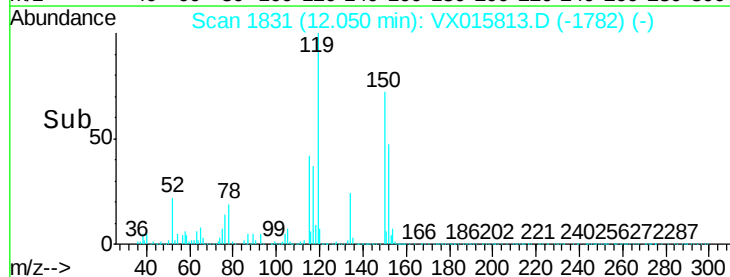
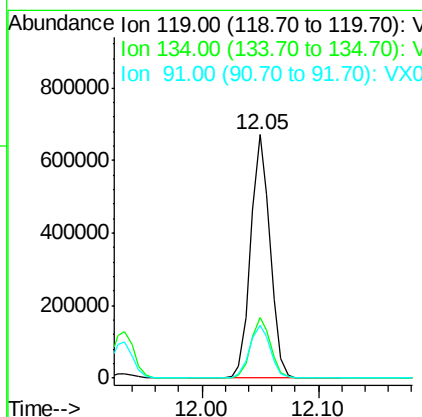
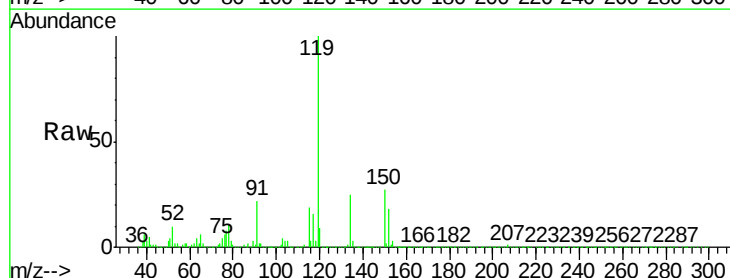
Manual Integrations
 APPROVED

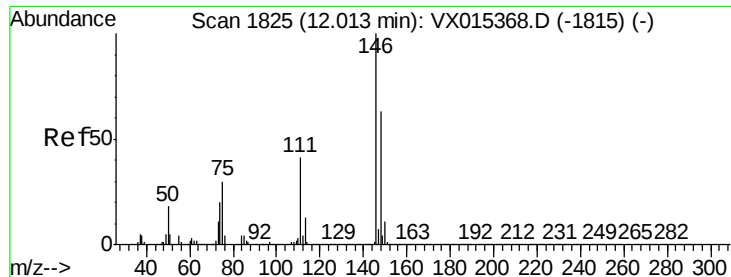
MMDadoda
 4/22/2020 10:00:37 AM



#86
 p-Isopropyltoluene
 Concen: 18.180 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: VX015813.D
 Acq: 21 Apr 2020 23:26

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.2	13.1	39.3
91	22.8	12.4	37.4





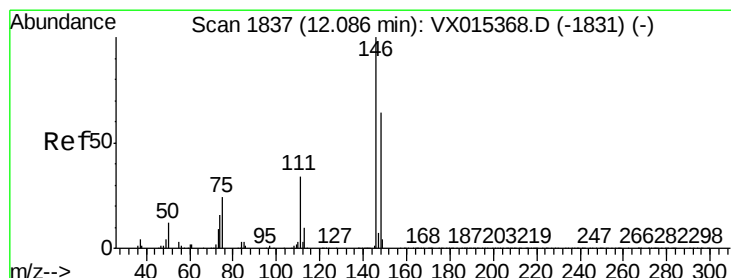
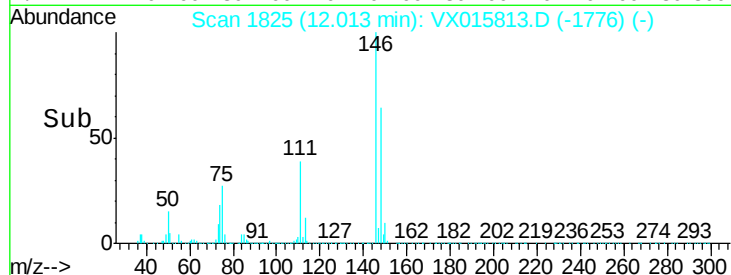
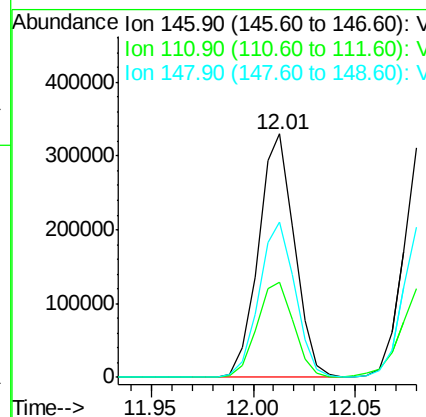
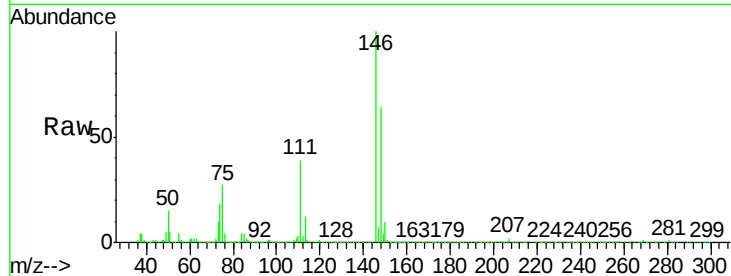
#87
 1,3-Dichlorobenzene
 Concen: 17.835 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: VX015813.D
 Acq: 21 Apr 2020 23:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.3	60.9
148	63.5	31.3	93.9

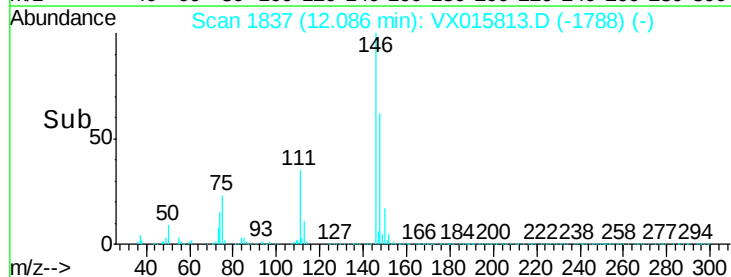
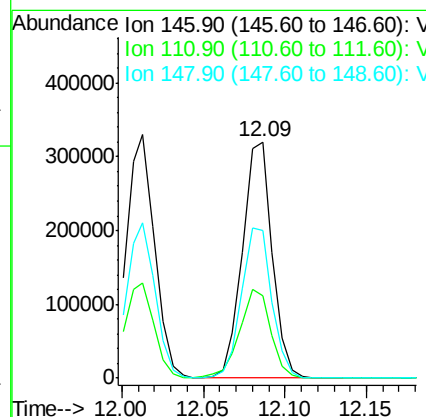
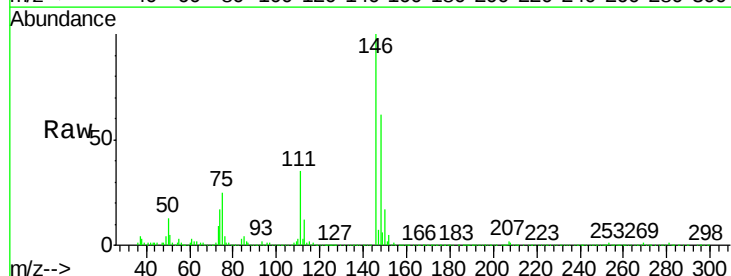
Manual Integrations
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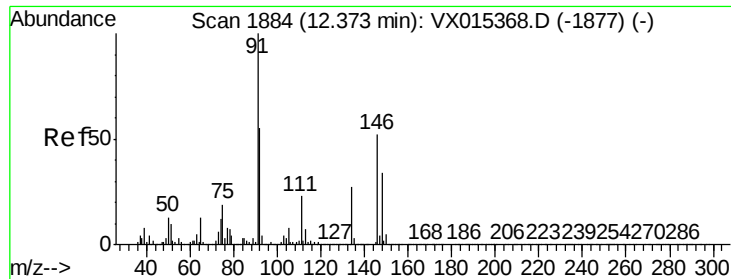
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#88
 1,4-Dichlorobenzene
 Concen: 17.584 ug/l
 RT: 12.09 min Scan# 1837
 Delta R.T. -0.00 min
 Lab File: VX015813.D
 Acq: 21 Apr 2020 23:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.1	57.5
148	64.7	32.4	97.2





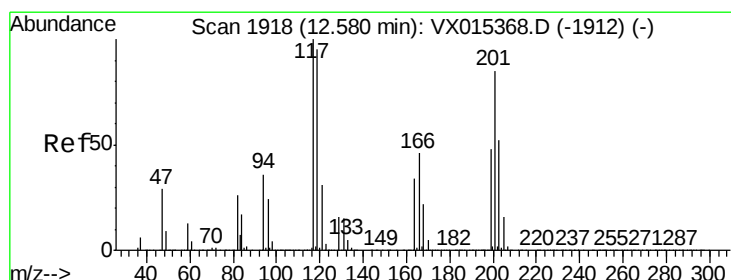
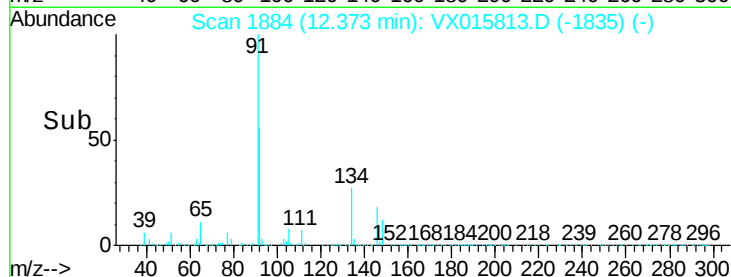
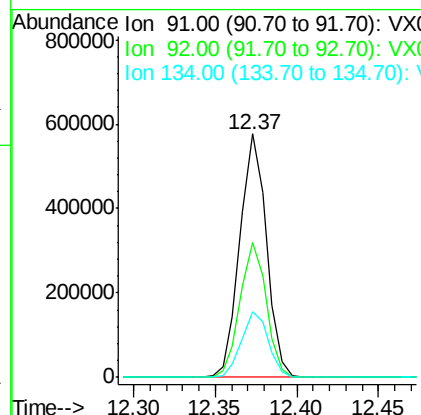
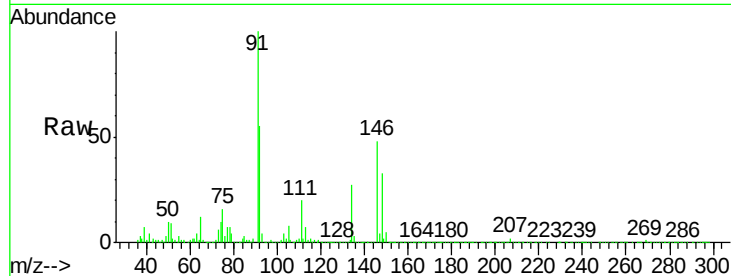
#89
n-Butylbenzene
Concen: 16.979 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	655422		
92	54.7	27.2	81.5	
134	27.2	13.4	40.2	

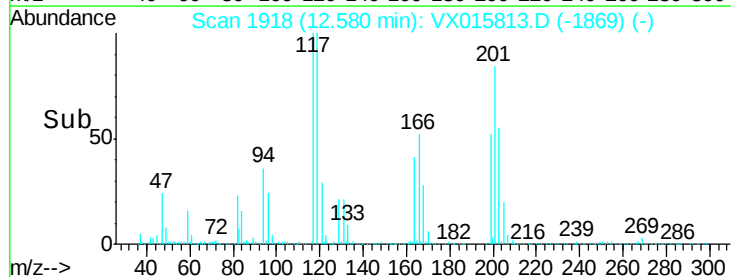
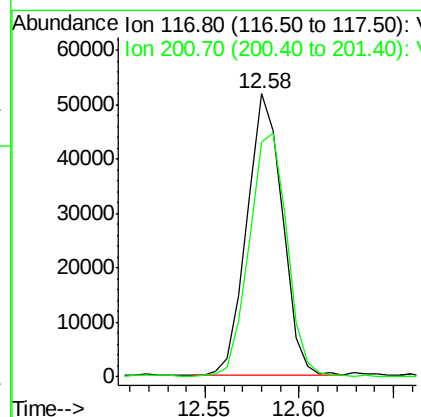
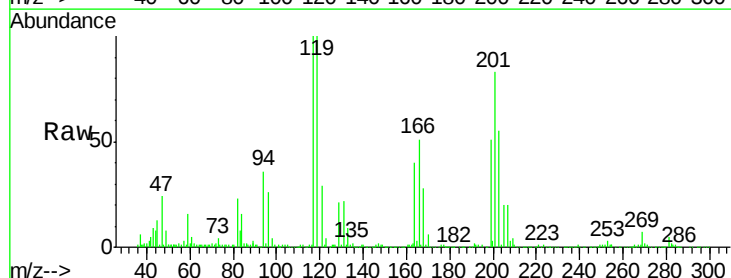
Manual Integrations
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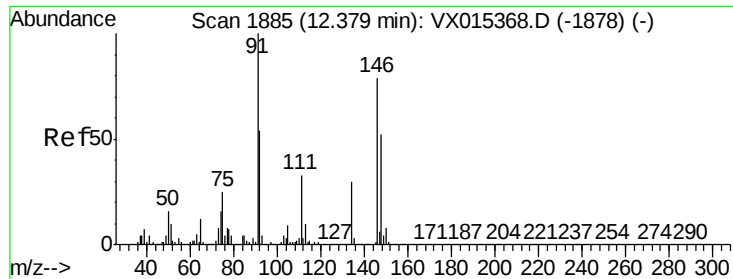
MMDadoda
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#90
Hexachloroethane
Concen: 8.172 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	67947		
201	92.2	42.6	128.0	





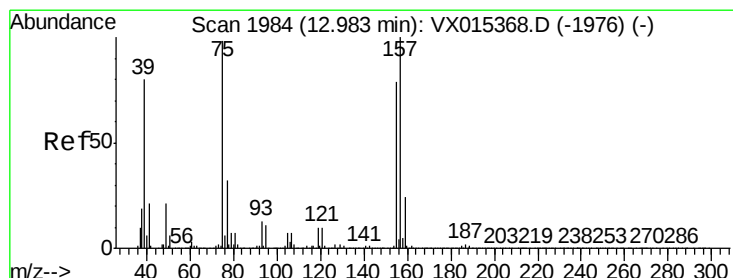
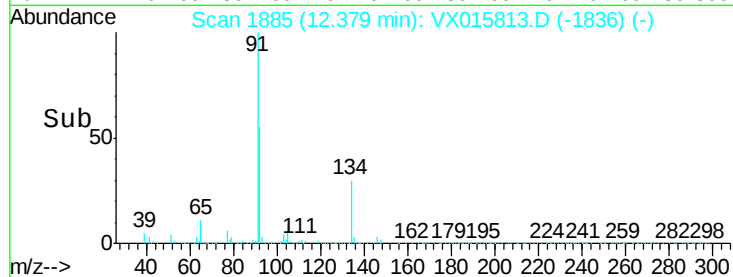
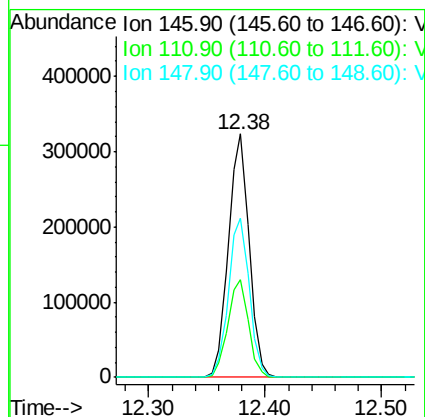
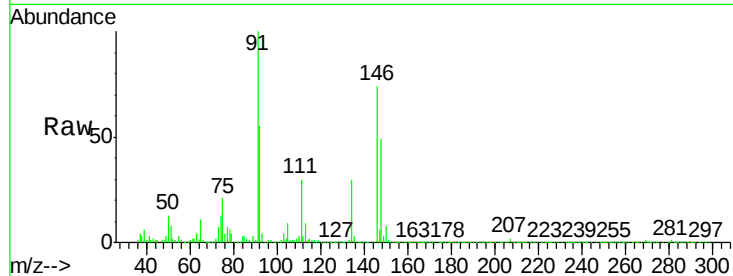
#91
 1,2-Dichlorobenzene
 Concen: 17.881 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX015813.D
 Acq: 21 Apr 2020 23:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	21.0	63.0
148	65.8	32.4	97.0

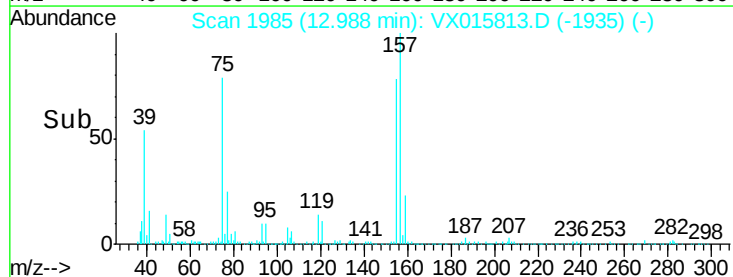
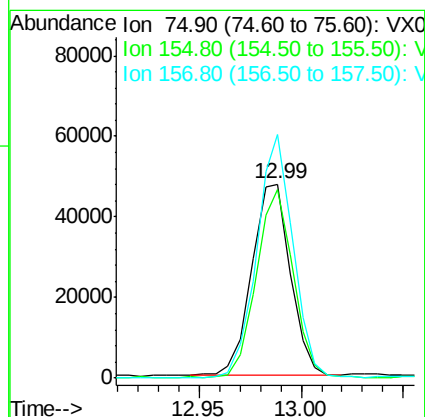
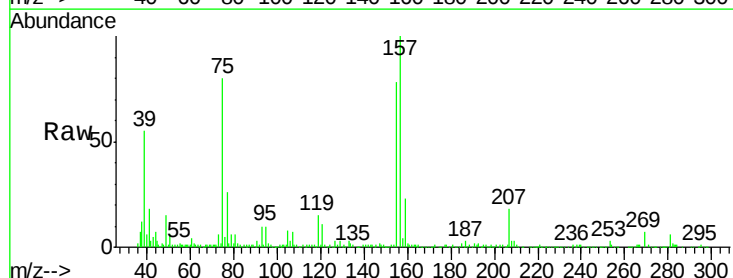
Manual Integrations
 APPROVED

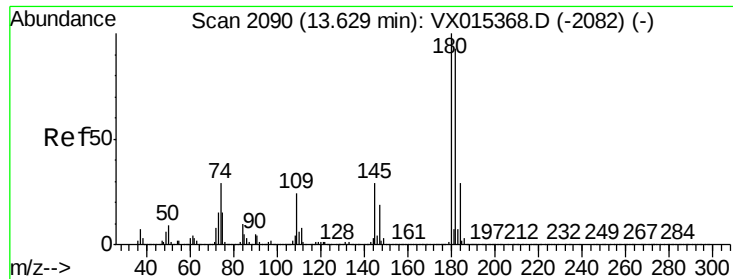
MMDadoda
 4/22/2020 10:00:37 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 13.583 ug/l
 RT: 12.99 min Scan# 1985
 Delta R.T. 0.01 min
 Lab File: VX015813.D
 Acq: 21 Apr 2020 23:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.0	42.8	128.4
157	119.0	53.4	160.3





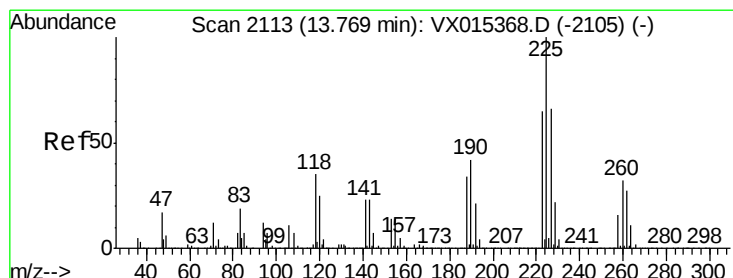
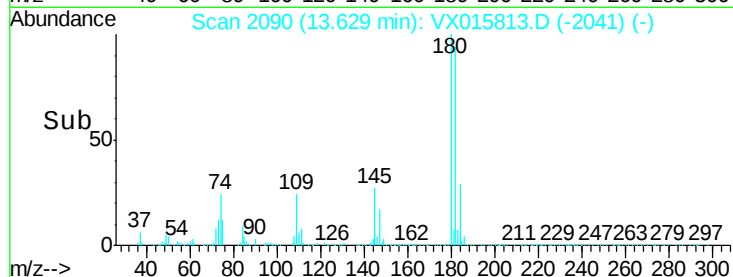
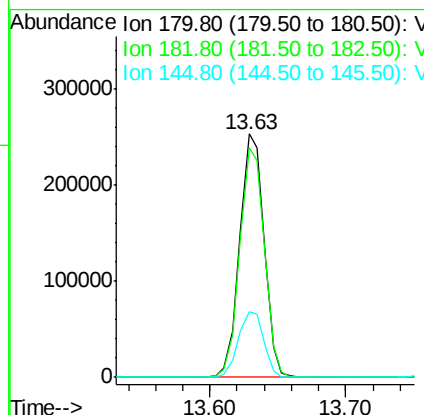
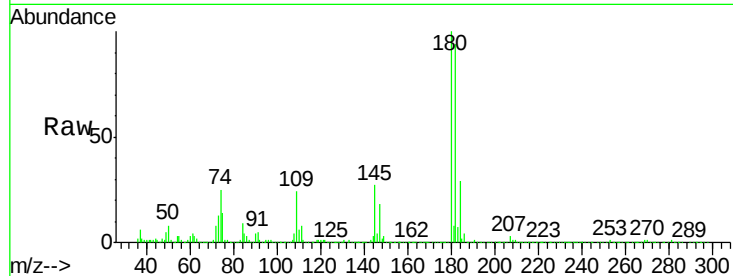
#93
1,2,4-Trichlorobenzene
Concen: 17.897 ug/l
RT: 13.63 min Scan# 2090
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	315514		
182	95.5	46.9	140.7	
145	28.1	14.9	44.5	

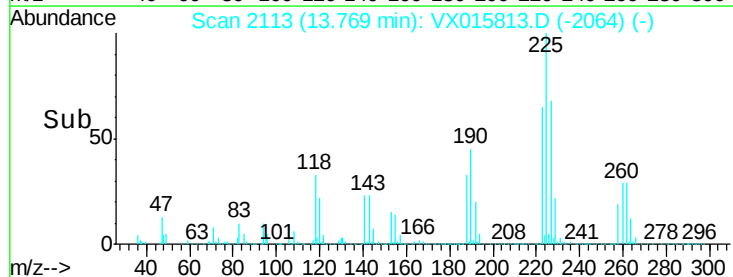
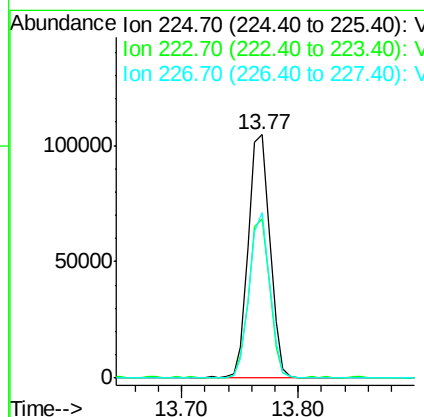
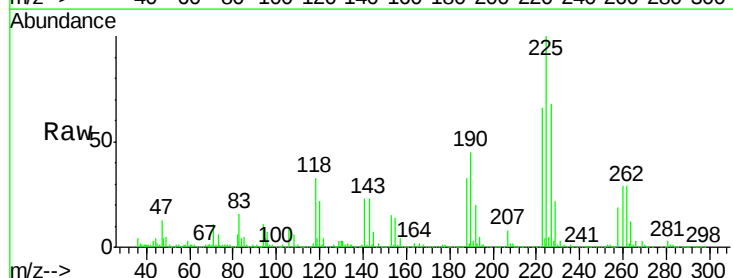
Manual Integrations
APPROVED

MMDadoda
4/22/2020 10:00:37 AM



#94
Hexachlorobutadiene
Concen: 16.418 ug/l
RT: 13.77 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	137801		
223	63.2	31.9	95.7	
227	64.3	30.4	91.3	





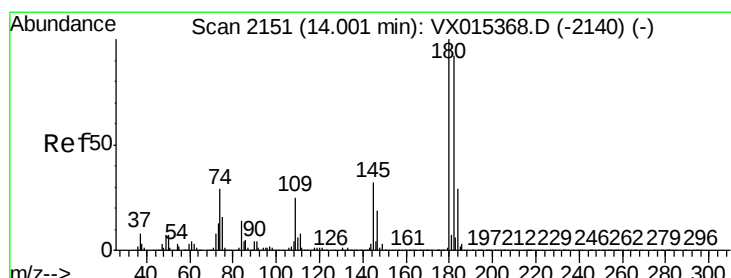
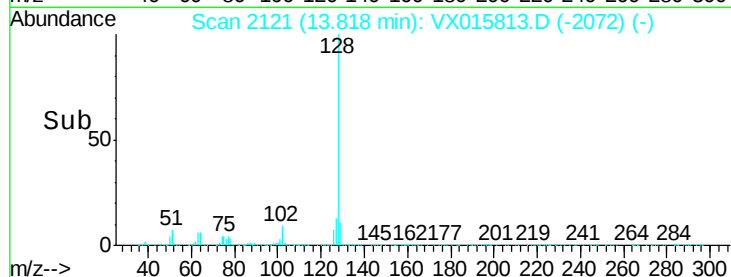
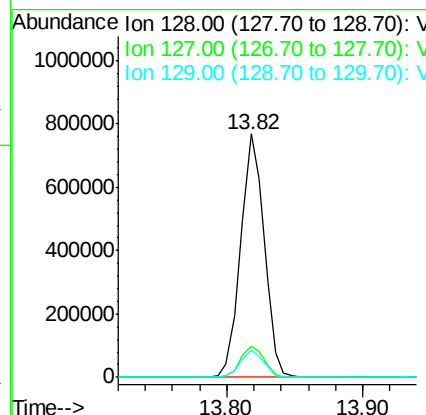
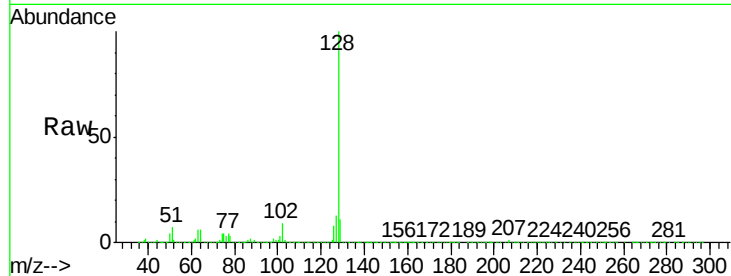
#95
Naphthalene
Concen: 17.243 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	927256		
127	13.1		10.6	15.8
129	11.1		8.8	13.2

Manual Integrations
APPROVED

MMDadoda
4/22/2020 10:00:37 AM



#96
1,2,3-Trichlorobenzene
Concen: 17.949 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015813.D
Acq: 21 Apr 2020 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	304660		
182	98.1		46.7	140.0
145	30.7		15.8	47.3

