

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032520\
 Data File : VX015349.D
 Acq On : 25 Mar 2020 19:16
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 26 02:17:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:14:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	189106	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	1084332	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	991304	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	440001	33.68	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	112.27%
60) 4-Bromofluorobenzene	11.12	95	508737	31.67	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	105.57%
63) Toluene-d8	8.70	98	1250699	29.16	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	879557	94.444	ug/l 100
3) Chloromethane	1.31	50	1143167	88.409	ug/l 100
4) Vinyl Chloride	1.39	62	1083650	82.598	ug/l 99
5) Bromomethane	1.62	94	429785	49.894	ug/l 100
6) Chloroethane	1.70	64	667740	80.829	ug/l 97
7) Trichlorofluoromethane	1.91	101	1540017	90.206	ug/l 97
8) Diethyl Ether	2.17	74	604261	81.785	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	1015427	95.146	ug/l 98
10) 1,1-Dichloroethene	2.36	96	1036174	96.258	ug/l 98
11) Methyl Iodide	2.49	142	1601341	134.813	ug/l 96
12) Methyl Acetate	2.75	43	1515727	109.427	ug/l 97
13) Acrolein	2.27	56	1025025	485.328	ug/l 94
14) Acrylonitrile	3.12	53	3250805	510.571	ug/l 99
15) Acetone	2.42	58	831269	473.254	ug/l 90
16) Carbon Disulfide	2.55	76	3051205	98.731	ug/l 100
17) Allyl chloride	2.71	41	2313998	110.133	ug/l 98
18) Methylene Chloride	2.84	84	1155112	94.009	ug/l 99
19) trans-1,2-Dichloroethene	3.14	96	1120044	94.788	ug/l 99
20) Diisopropyl ether	3.83	45	4143496	101.231	ug/l 96
21) 1,1-Dichloroethane	3.67	63	2159098	100.328	ug/l 99
22) cis-1,2-Dichloroethene	4.57	96	1308651	98.711	ug/l 98
23) tert-Butyl Alcohol	3.02	59	1559795	591.994	ug/l 100
24) Methyl tert-Butyl Ether	3.17	73	3815001	105.286	ug/l 100
25) Chloroform	5.18	83	2105434	103.349	ug/l 97
26) Cyclohexane	5.55	56	2019462	101.148	ug/l # 99
29) 1,1-Dichloropropene	5.77	75	1628755	98.494	ug/l 99
30) 2-Butanone	4.64	43	4821231	531.733	ug/l 100
31) 2,2-Dichloropropane	4.55	77	1926086	108.559	ug/l 100
32) 1,1,1-Trichloroethane	5.47	97	1989691	108.047	ug/l 99
33) Carbon Tetrachloride	5.76	117	1803060	112.734	ug/l 100
34) Benzene	6.12	78	4675728	94.354	ug/l 99
35) Methacrylonitrile	5.01	41	1104548	110.566	ug/l 95
36) 1,2-Dichloroethane	6.17	62	1830683	107.431	ug/l 99
37) Trichloroethene	7.19	130	1319599	95.221	ug/l 96
38) Methylcyclohexane	7.44	83	2024079	99.239	ug/l 99
39) 1,2-Dichloropropane	7.50	63	1260549	96.913	ug/l 96
40) Dibromomethane	7.64	93	834206	100.312	ug/l 98

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 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 26 02:17:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:14:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	1804770	106.946	ug/l	99
42) Vinyl Acetate	3.79	43	17880369	495.131	ug/l	99
43) Ethyl Acetate	4.80	43	1944133	110.773	ug/l	98
44) Isopropyl Acetate	6.42	43	3390404	114.363	ug/l	98
45) 1,4-Dioxane	7.72	88	622664	2131.988	ug/l	97
46) Methyl methacrylate	7.75	41	1712117	115.933	ug/l	99
47) n-amyl Acetate	10.89	43	2987816	113.214	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	2114156	113.698	ug/l	98
49) cis-1,3-Dichloropropene	8.42	75	2174218	105.597	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	1196065	97.731	ug/l	98
51) Ethyl methacrylate	9.16	69	2086439	107.129	ug/l	98
52) 1,3-Dichloropropane	9.36	76	2070243	99.402	ug/l	99
53) Dibromochloromethane	9.57	129	1483737	110.115	ug/l	99
54) 1,2-Dibromoethane	9.65	107	1296288	101.932	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	4832503	497.488	ug/l	99
56) Bromoform	10.84	173	1230561	116.324	ug/l	100
58) 4-Methyl-2-Pentanone	8.62	43	9133261	520.031	ug/l	98
59) 2-Hexanone	9.48	43	7034793	530.532	ug/l	97
61) Tetrachloroethene	9.32	164	1244027	91.246	ug/l	98
62) Toluene	8.77	91	5001968	95.247	ug/l	98
64) Chlorobenzene	10.12	112	3243933	97.856	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	1308569	105.168	ug/l	100
66) Ethyl Benzene	10.24	91	5706171	97.731	ug/l	97
67) m/p-Xylenes	10.34	106	4329809	194.095	ug/l	93
68) o-Xylene	10.68	106	2136172	99.351	ug/l	97
69) Styrene	10.70	104	3718192	99.450	ug/l	99
70) Isopropylbenzene	11.00	105	5619814	98.445	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	1809638	97.766	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	2296856	147.744	ug/l	86
73) Bromobenzene	11.24	156	1538679	99.436	ug/l	96
74) n-propylbenzene	11.35	91	6437279	95.270	ug/l	98
75) 2-Chlorotoluene	11.41	91	3918128	98.752	ug/l	97
76) 1,3,5-Trimethylbenzene	11.50	105	4821851	98.353	ug/l	98
77) t-1,4-Dichloro-2-butene	11.06	75	746800	112.558	ug/l	100
78) 4-Chlorotoluene	11.50	91	4548980	99.697	ug/l	98
79) tert-butylbenzene	11.76	119	4812346	102.522	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	4887962	99.565	ug/l	98
81) sec-Butylbenzene	11.93	105	5563669	96.912	ug/l	99
82) p-Isopropyltoluene	12.05	119	5246977	99.375	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	2765879	100.090	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	2778600	100.197	ug/l	99
85) n-Butylbenzene	12.37	91	4733191	101.722	ug/l	98
86) Hexachloroethane	12.58	117	1029853	109.154	ug/l	94
87) 1,2-Dichlorobenzene	12.38	146	2679032	99.184	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	486146	119.221	ug/l	93
89) 1,2,4-Trichlorobenzene	13.63	180	2274103	112.569	ug/l	98
90) Hexachlorobutadiene	13.77	225	1236113	119.810	ug/l	99
91) Naphthalene	13.82	128	6323362	110.507	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	2258811	111.054	ug/l	99

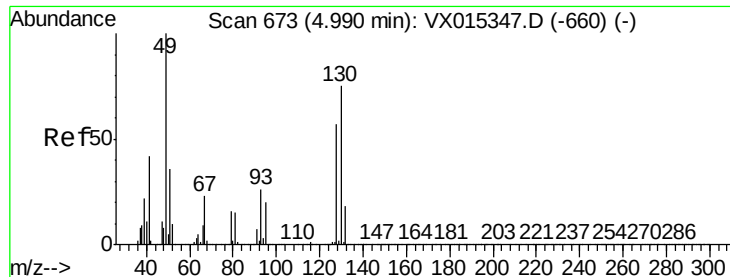
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032520\
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ClientSampleId :

Quant Time: Mar 26 02:17:38 2020
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 26 02:14:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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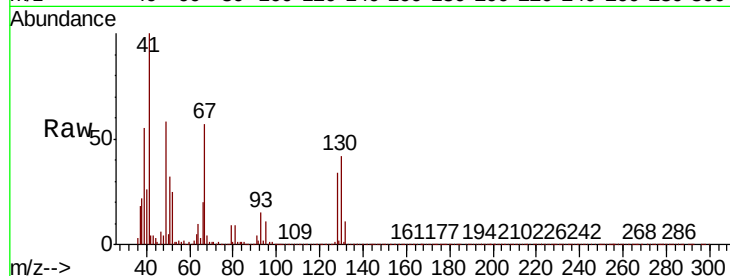
(#) = qualifier out of range (m) = manual integration (+) = signals summed



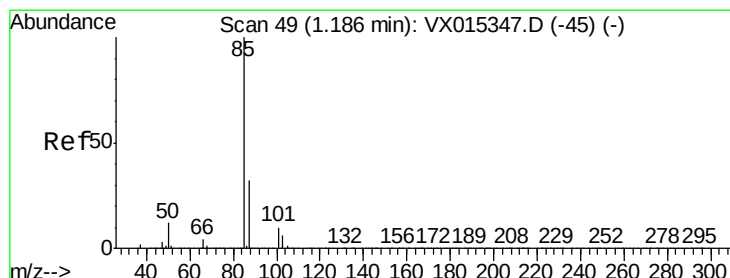
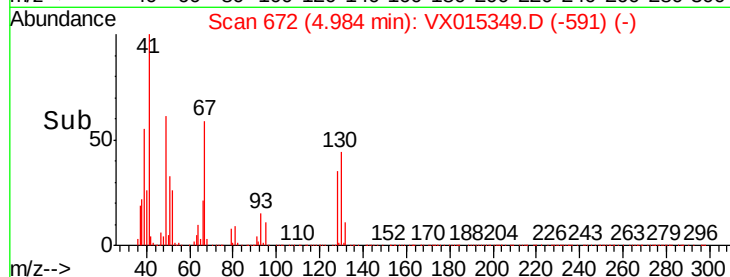
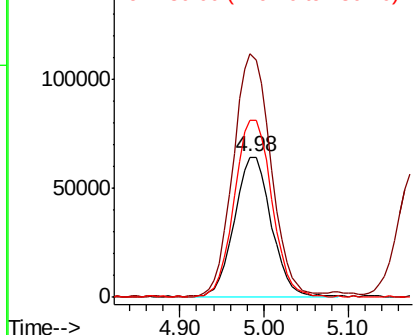
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.01 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
49	179.3	0.0	428.0
130	129.2	0.0	324.5

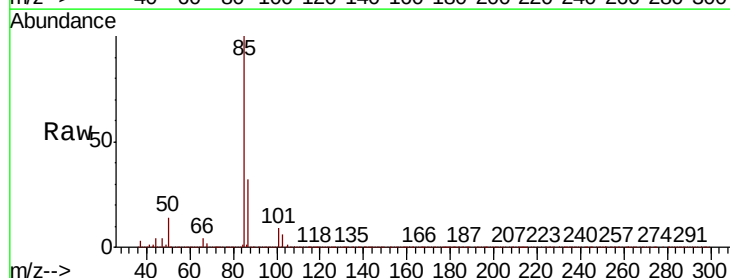


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V

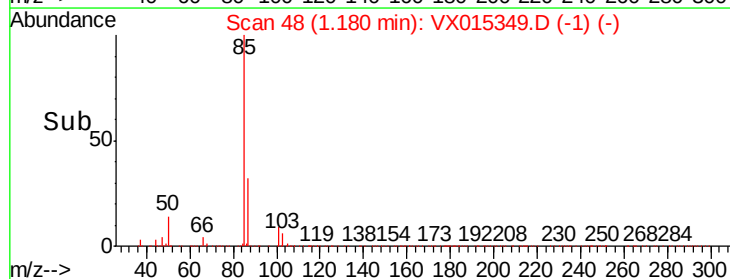
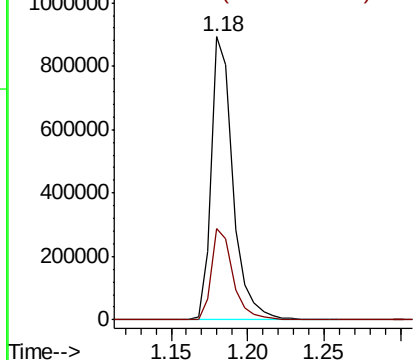


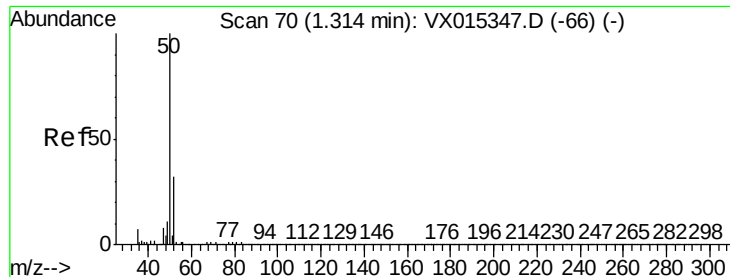
#2
Dichlorodifluoromethane
Concen: 94.444 ug/l
RT: 1.18 min Scan# 48
Delta R.T. -0.01 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.4	16.3	48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

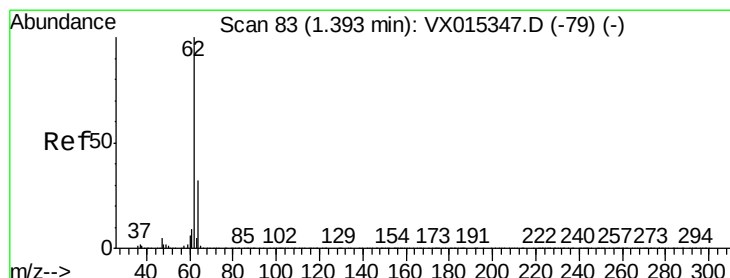
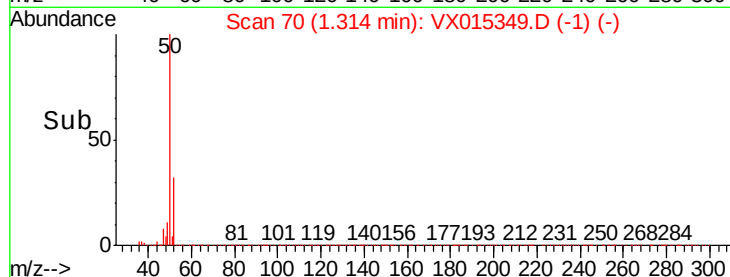
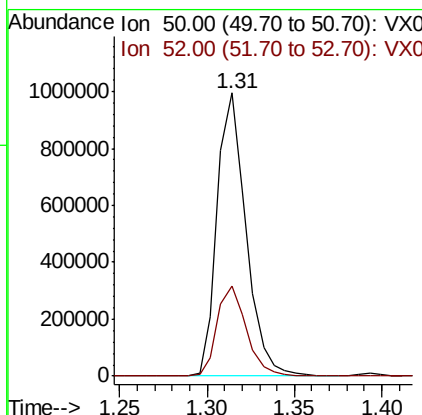
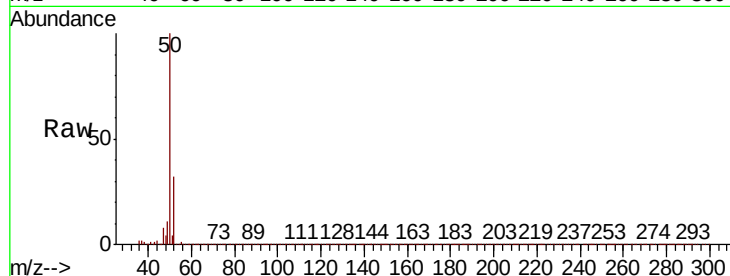




#3
Chloromethane
Concen: 88.409 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

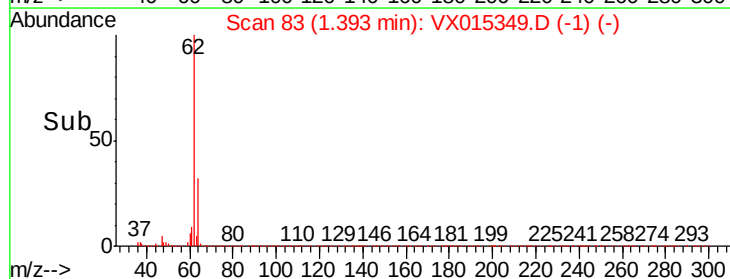
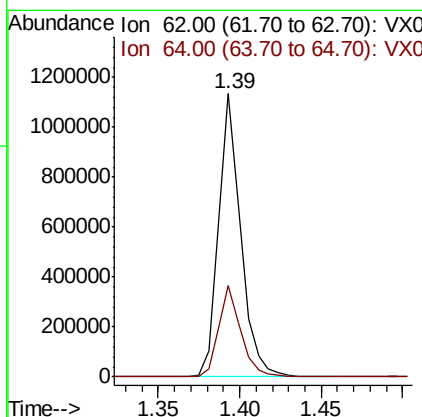
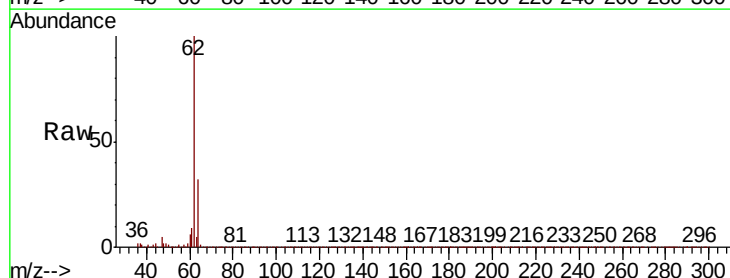
Instrument :
MSVOA_X
ClientSampled :

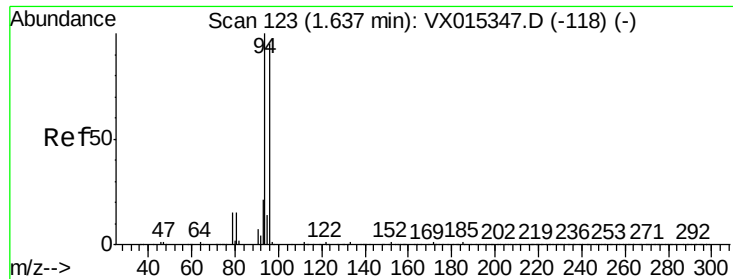
Tot Ion: 50 Resp: 1143167
Ion Ratio Lower Upper
50 100
52 31.9 25.5 38.3



#4
Vinyl Chloride
Concen: 82.598 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Tgt Ion: 62 Resp: 1083650
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.0





#5

Bromomethane

Concen: 49.894 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Instrument :

MSVOA_X

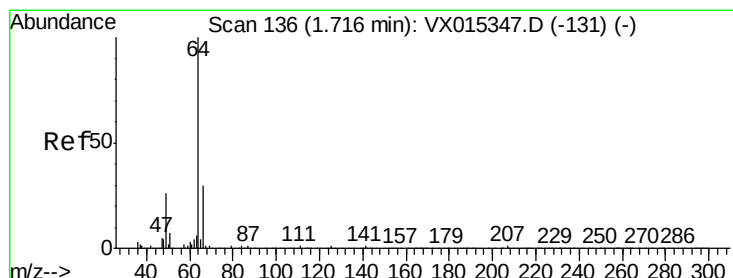
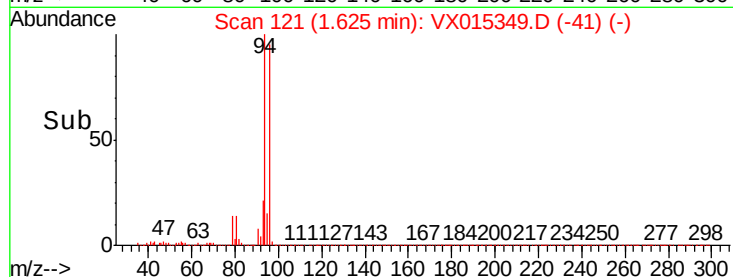
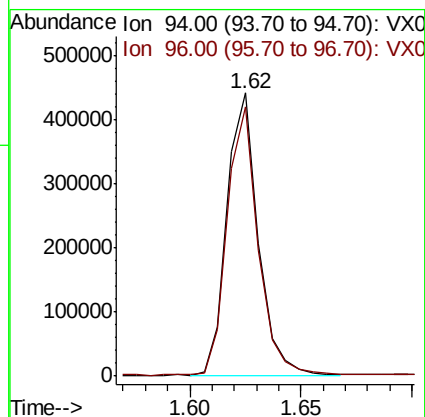
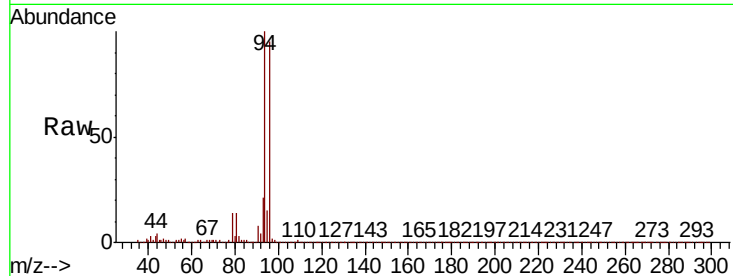
ClientSampleId :

Tot Ion: 94 Resp: 429785

Ion Ratio Lower Upper

94 100

96 95.0 76.1 114.1



#6

Chloroethane

Concen: 80.829 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX015349.D

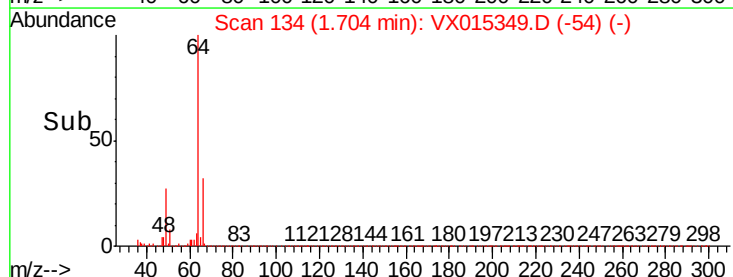
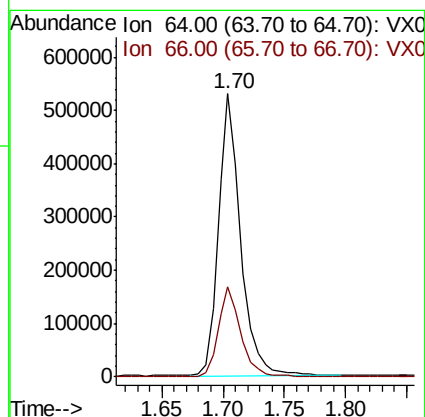
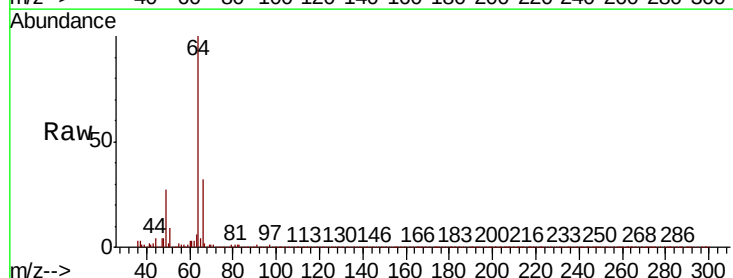
Acq: 25 Mar 2020 19:16

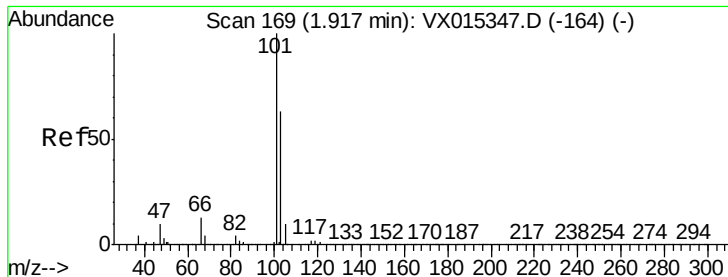
Tgt Ion: 64 Resp: 667740

Ion Ratio Lower Upper

64 100

66 31.9 24.3 36.5



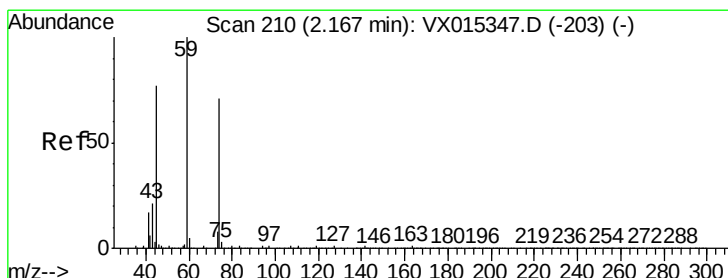
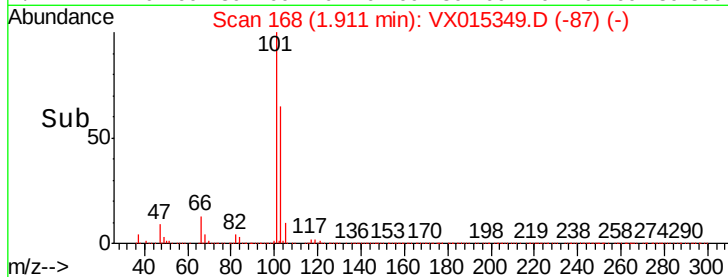
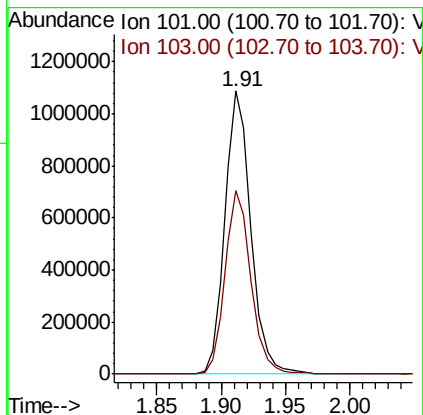
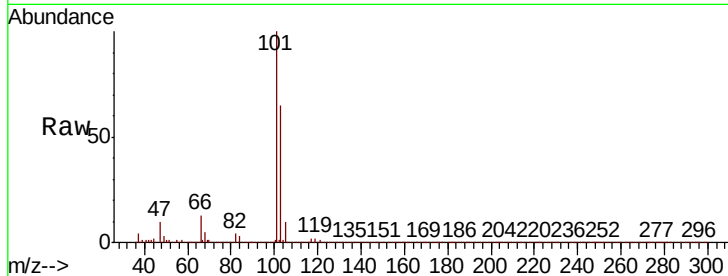


#7

Trichlorofluoromethane
 Concen: 90.206 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. -0.01 min
 Lab File: VX015349.D
 Acq: 25 Mar 2020 19:16

Instrument :
 MSVOA_X
 ClientSampleId :

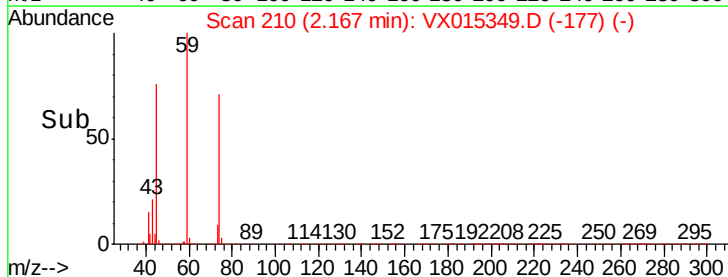
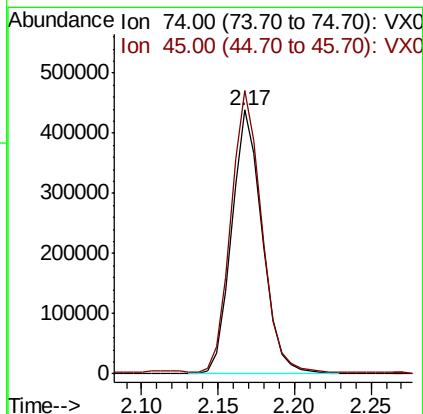
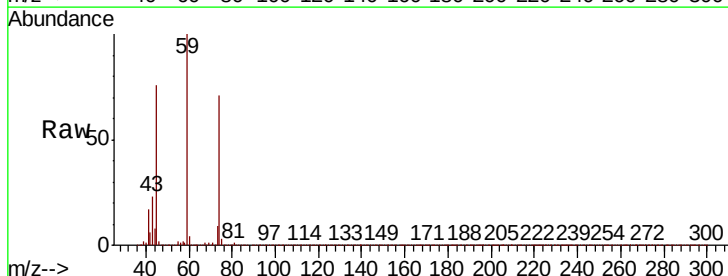
Tot Ion:101 Resp: 1540017
 Ion Ratio Lower Upper
 101 100
 103 64.8 49.9 74.9

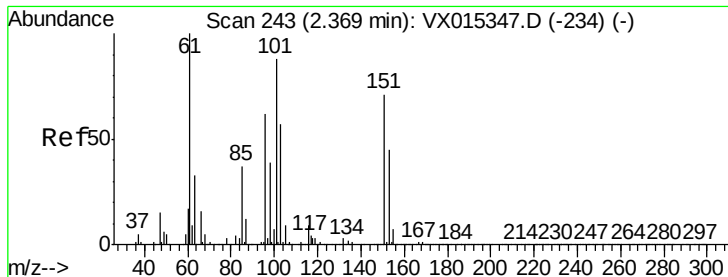


#8

Diethyl Ether
 Concen: 81.785 ug/l
 RT: 2.17 min Scan# 210
 Delta R.T. 0.00 min
 Lab File: VX015349.D
 Acq: 25 Mar 2020 19:16

Tgt Ion: 74 Resp: 604261
 Ion Ratio Lower Upper
 74 100
 45 108.5 21.8 196.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 95.146 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

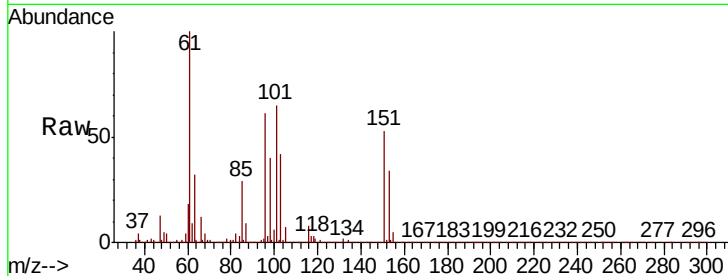
Tot Ion:101 Resp: 1015427

Ion Ratio Lower Upper

101 100

85 44.3 0.0 85.8

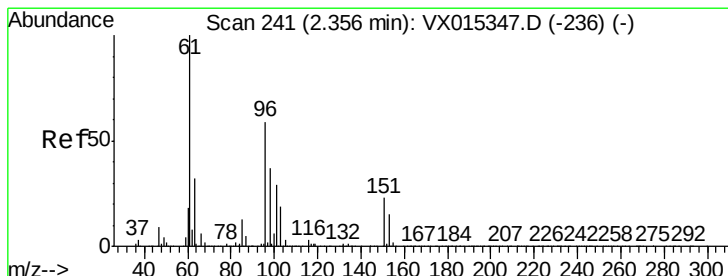
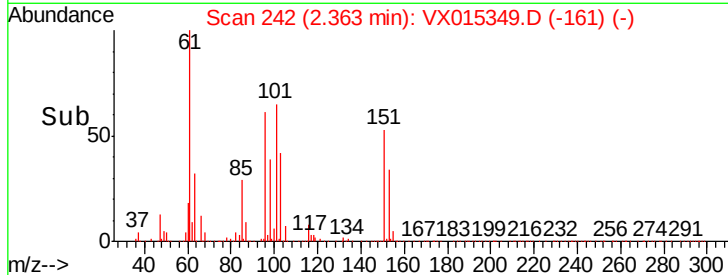
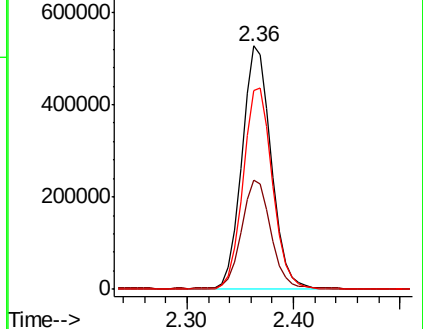
151 83.5 0.0 164.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 96.258 ug/l

RT: 2.36 min Scan# 241

Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

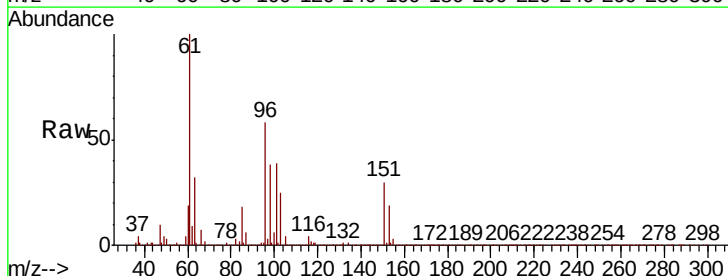
Tgt Ion: 96 Resp: 1036174

Ion Ratio Lower Upper

96 100

61 171.2 135.5 203.3

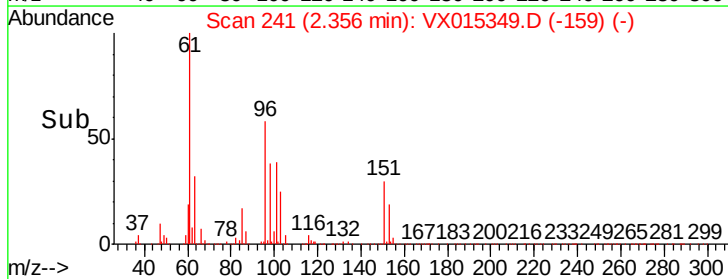
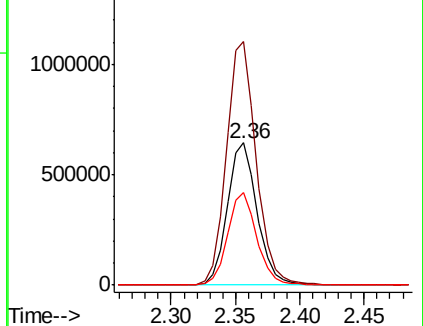
98 64.8 50.2 75.2

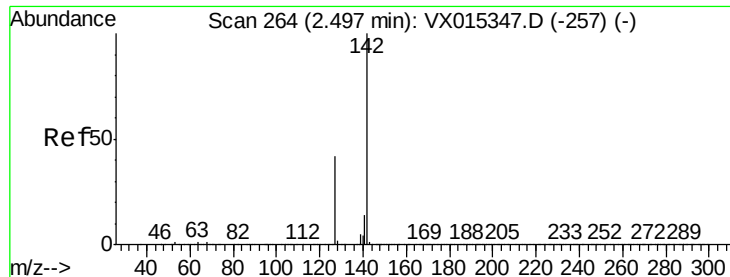


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

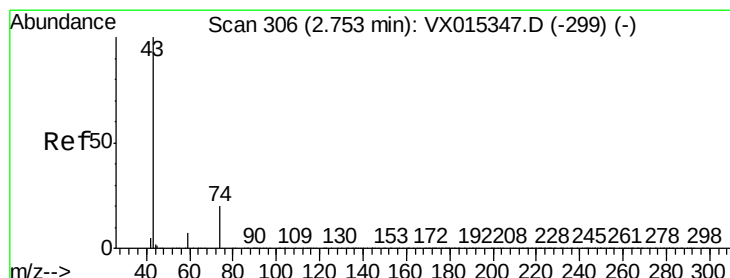
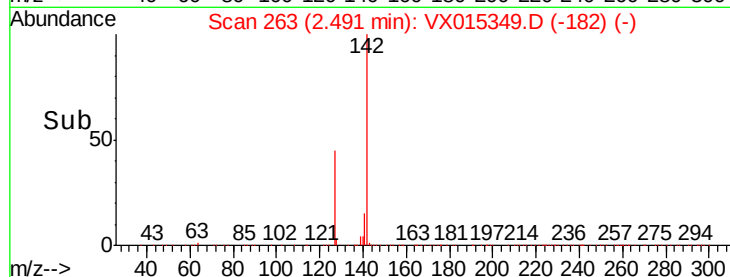
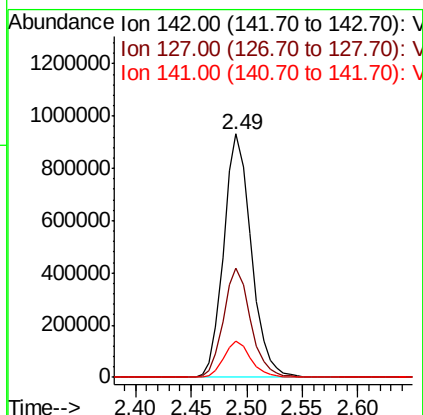
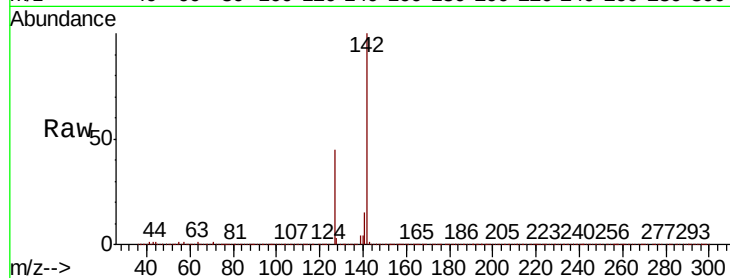




#11
Methvl Iodide
Concen: 134.813 ug/l
RT: 2.49 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

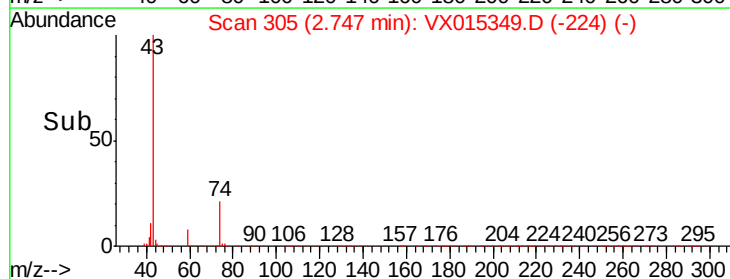
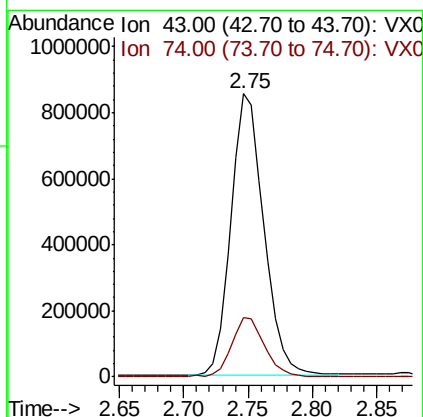
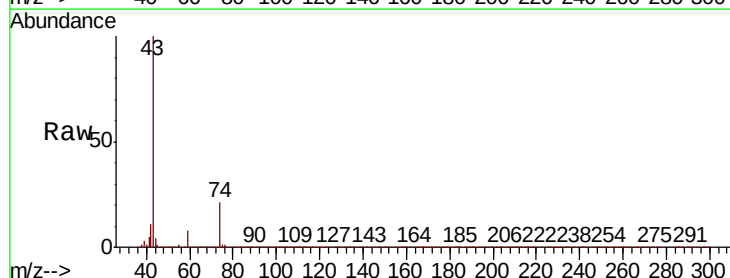
Instrument :
MSVOA_X
ClientSampleId :

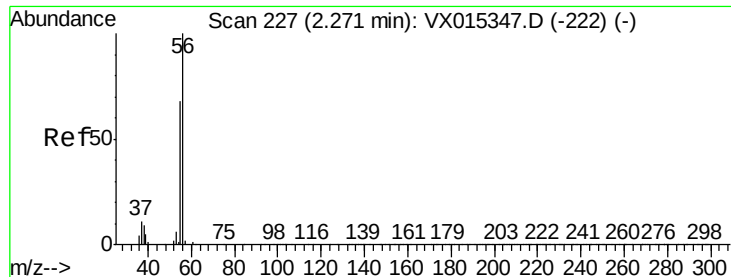
Tot Ion:142 Resp: 1601341
Ion Ratio Lower Upper
142 100
127 44.9 21.0 63.0
141 14.8 6.9 20.7



#12
Methyl Acetate
Concen: 109.427 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Tgt Ion: 43 Resp: 1515727
Ion Ratio Lower Upper
43 100
74 21.0 15.8 23.6





#13

Acrolein

Concen: 485.328 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Instrument :

MSVOA_X

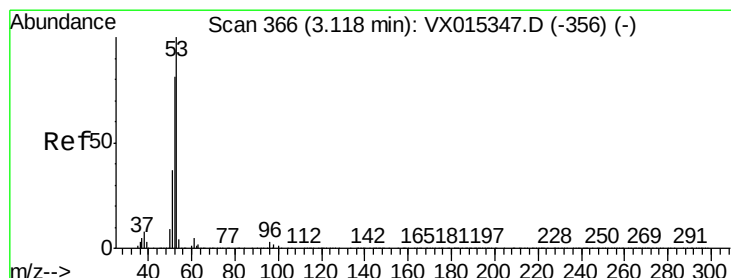
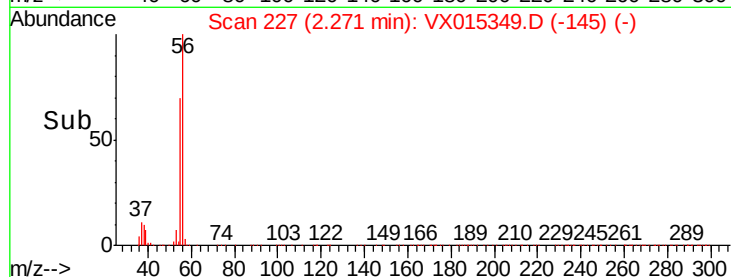
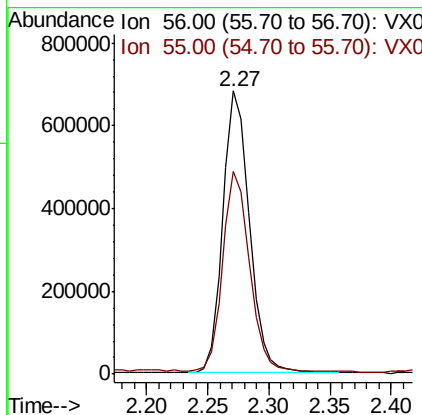
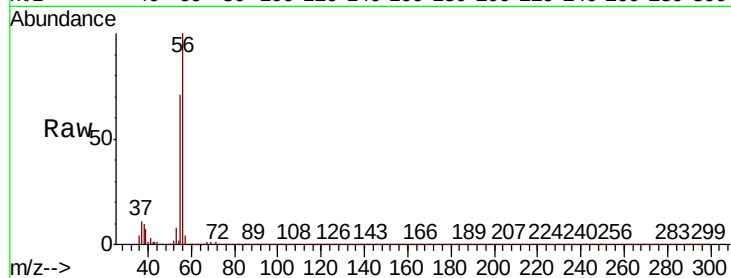
ClientSampleId :

Tot Ion: 56 Resp: 1025025

Ion Ratio Lower Upper

56 100

55 71.7 53.5 80.3



#14

Acrylonitrile

Concen: 510.571 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

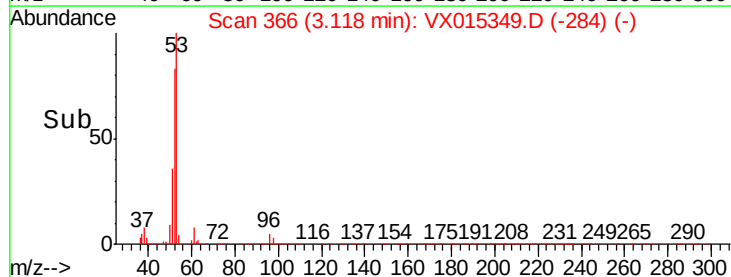
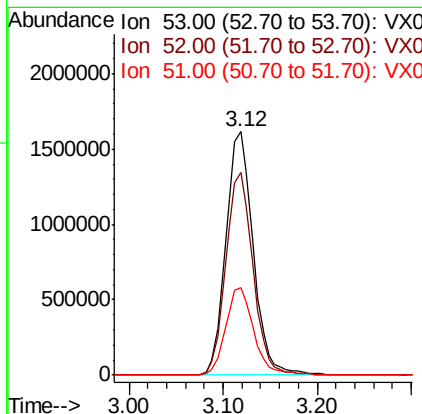
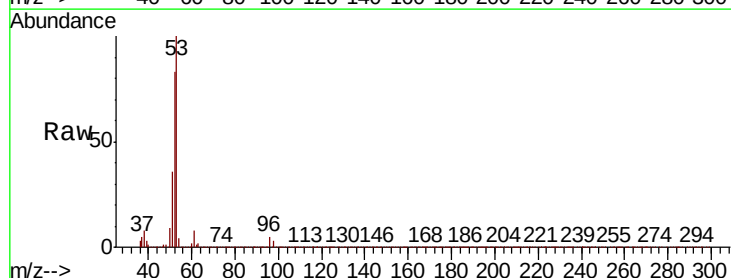
Tgt Ion: 53 Resp: 3250805

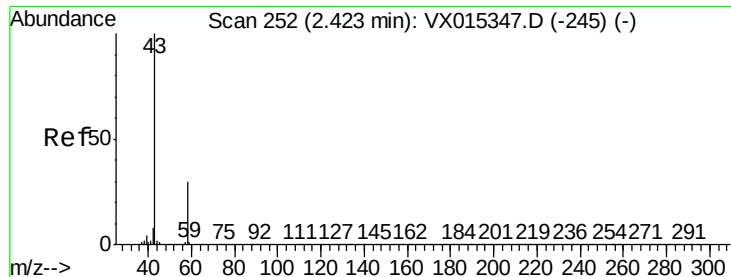
Ion Ratio Lower Upper

53 100

52 82.8 41.0 123.2

51 36.6 18.4 55.4





#15

Acetone

Concen: 473.254 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.01 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

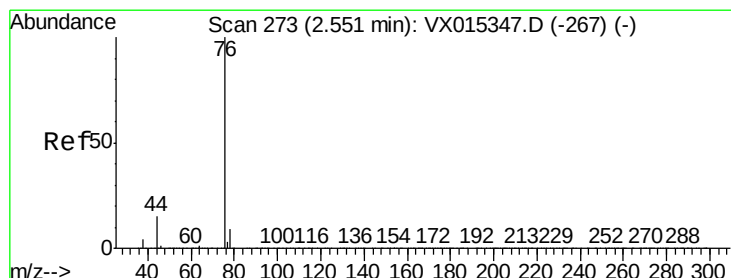
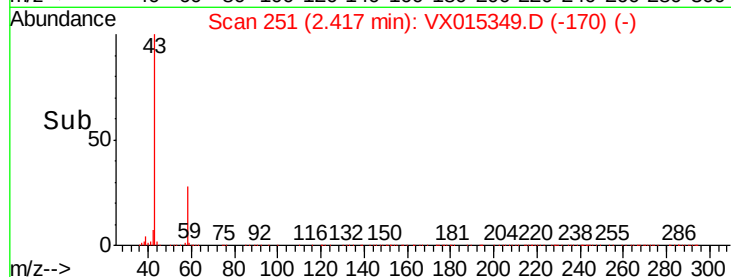
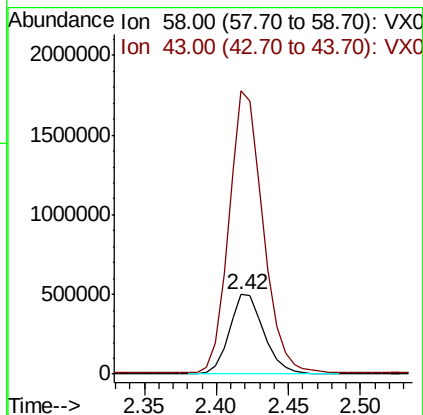
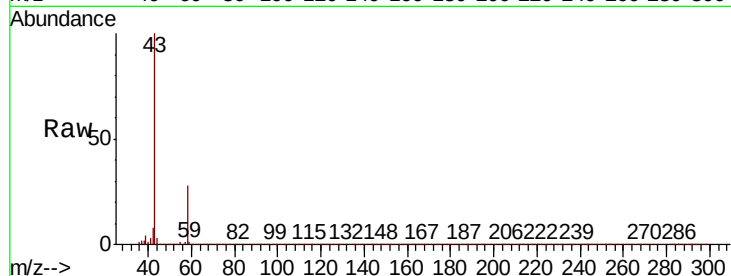
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 58 Resp: 831269

Ion Ratio Lower Upper

58 100

43 355.5 267.8 401.8



#16

Carbon Disulfide

Concen: 98.731 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015349.D

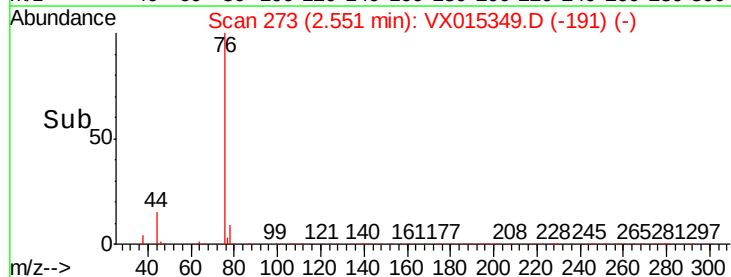
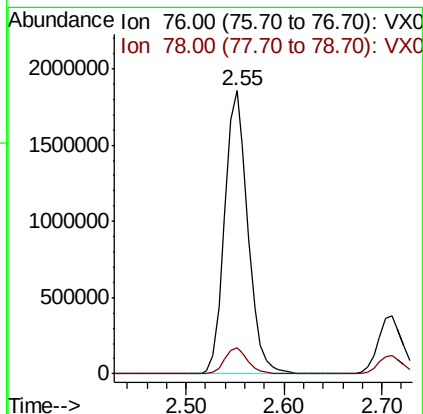
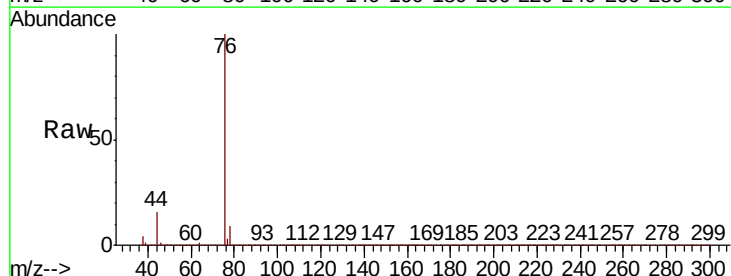
Acq: 25 Mar 2020 19:16

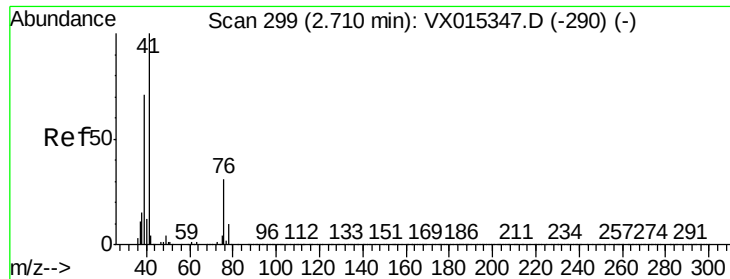
Tgt Ion: 76 Resp: 3051205

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2

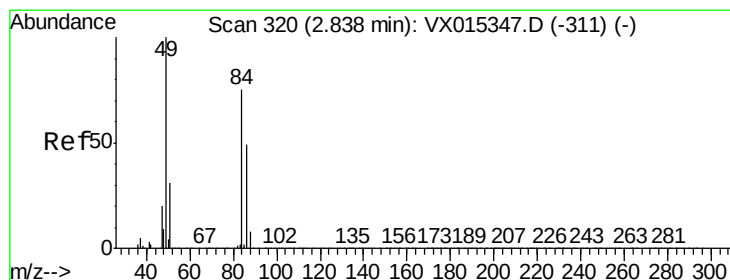
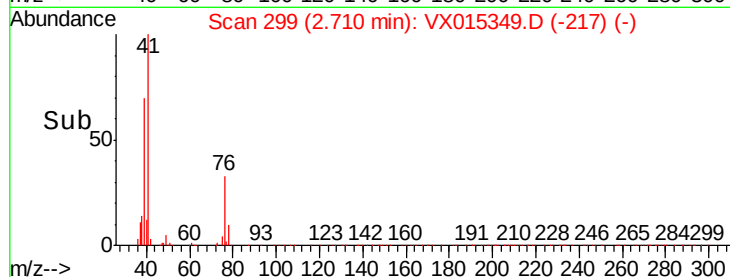
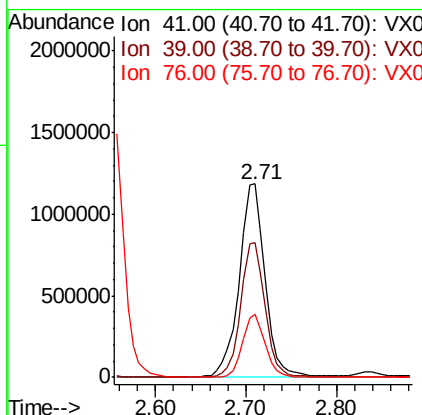
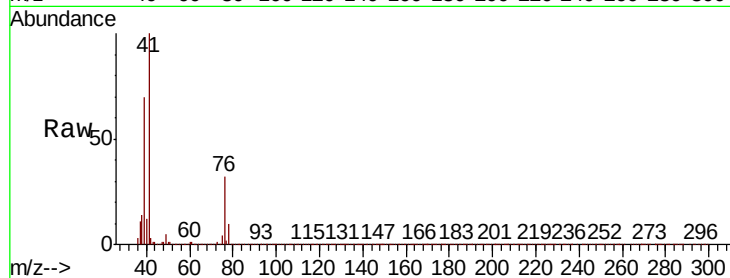




#17
 Allvl chloride
 Concen: 110.133 ug/l
 RT: 2.71 min Scan# 299
 Delta R.T. 0.00 min
 Lab File: VX015349.D
 Acq: 25 Mar 2020 19:16

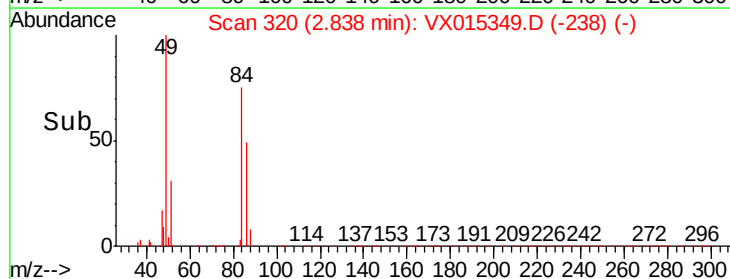
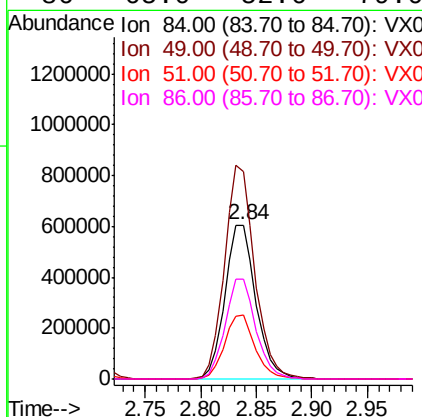
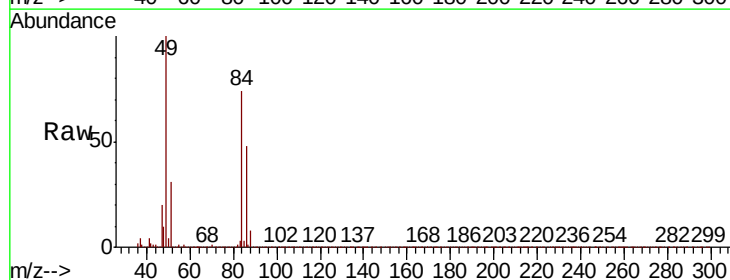
Instrument :
 MSVOA_X
 ClientSampleId :

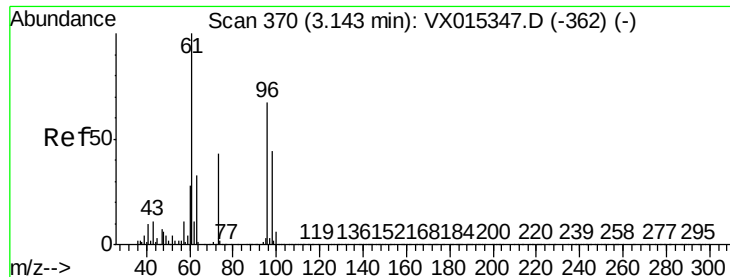
Tot Ion: 41 Resp: 2313998
 Ion Ratio Lower Upper
 41 100
 39 69.8 35.6 106.8
 76 32.4 15.4 46.4



#18
 Methylene Chloride
 Concen: 94.009 ug/l
 RT: 2.84 min Scan# 320
 Delta R.T. 0.00 min
 Lab File: VX015349.D
 Acq: 25 Mar 2020 19:16

Tgt Ion: 84 Resp: 1155112
 Ion Ratio Lower Upper
 84 100
 49 134.7 107.0 160.4
 51 41.4 33.4 50.0
 86 65.0 52.6 79.0





#19

trans-1,2-Dichloroethene

Concen: 94.788 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Instrument :

MSVOA_X

ClientSampled :

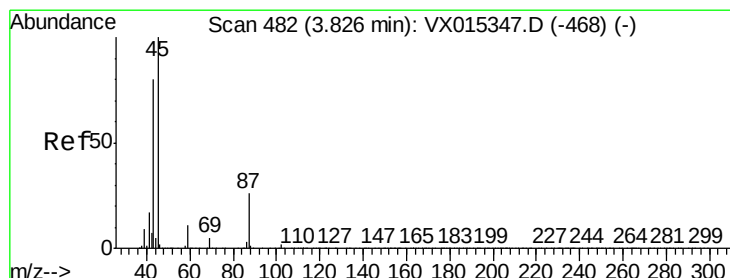
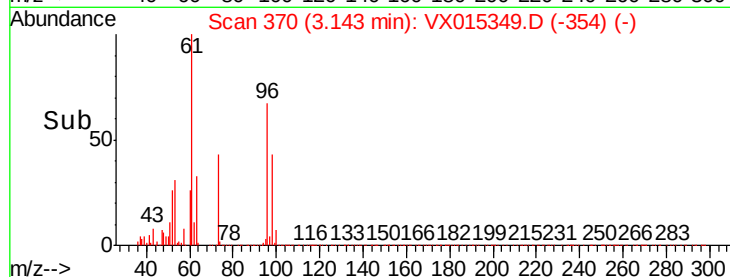
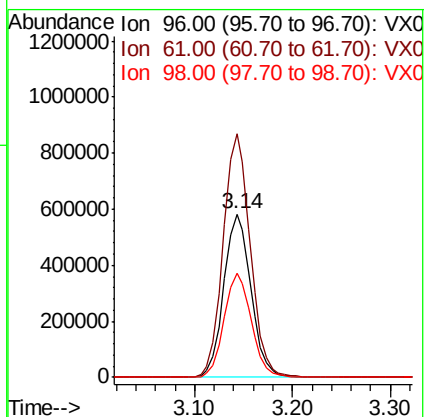
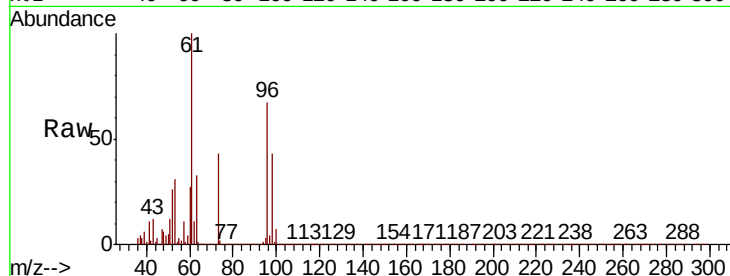
Tot Ion: 96 Resp: 1120044

Ion Ratio Lower Upper

96 100

61 149.0 118.2 177.2

98 63.9 51.9 77.9



#20

Diisopropyl ether

Concen: 101.231 ug/l

RT: 3.83 min Scan# 482

Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Tgt Ion: 45 Resp: 4143496

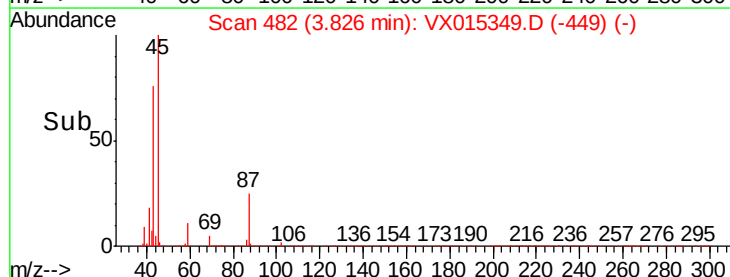
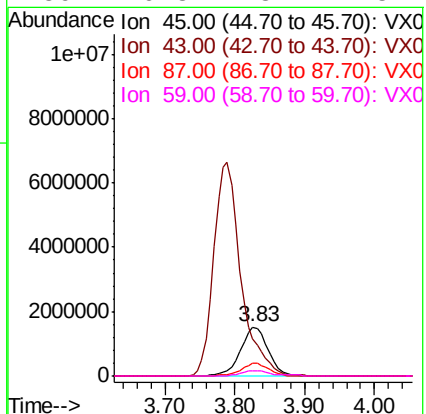
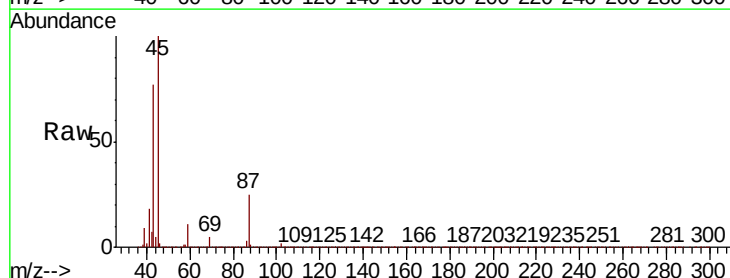
Ion Ratio Lower Upper

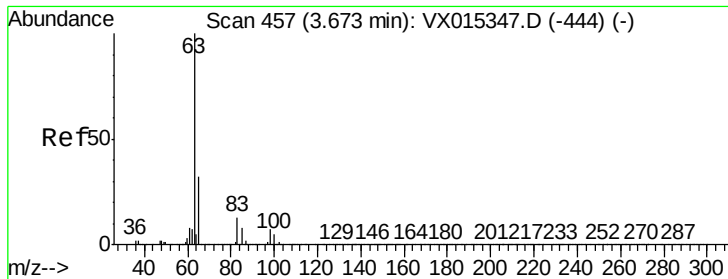
45 100

43 76.0 64.4 96.6

87 25.1 20.4 30.6

59 10.8 8.7 13.1





#21

1,1-Dichloroethane

Concen: 100.328 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

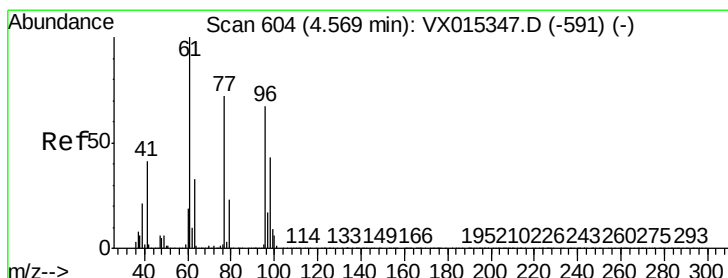
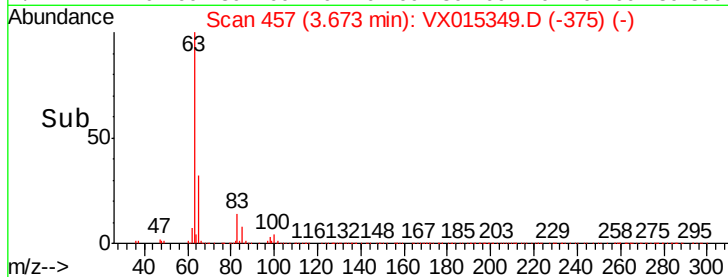
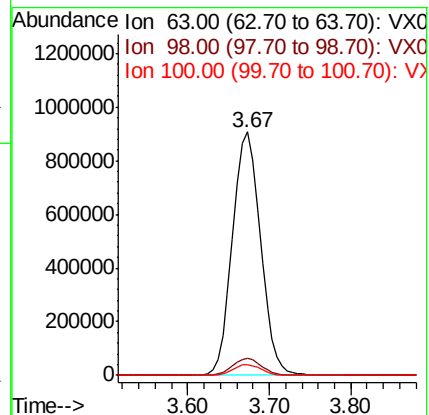
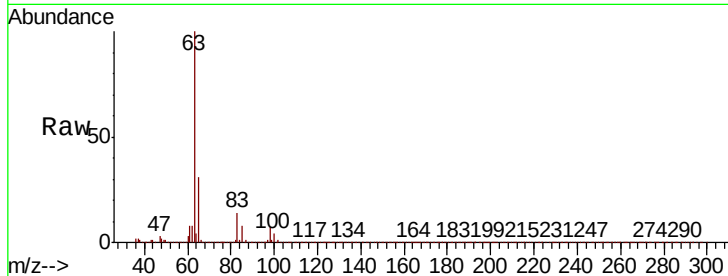
Tot Ion: 63 Resp: 2159098

Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.9

100 4.4 2.3 6.8



#22

cis-1,2-Dichloroethene

Concen: 98.711 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

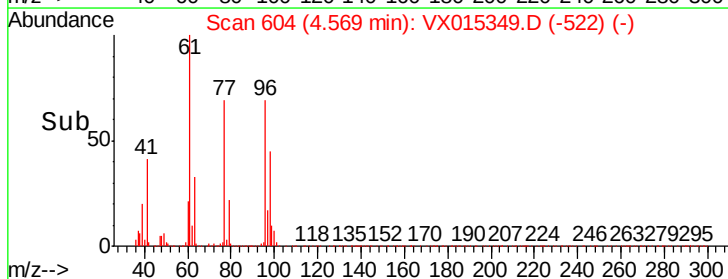
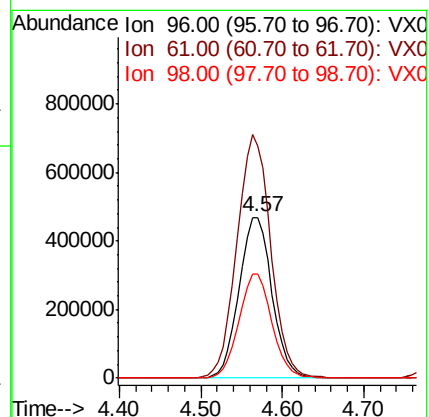
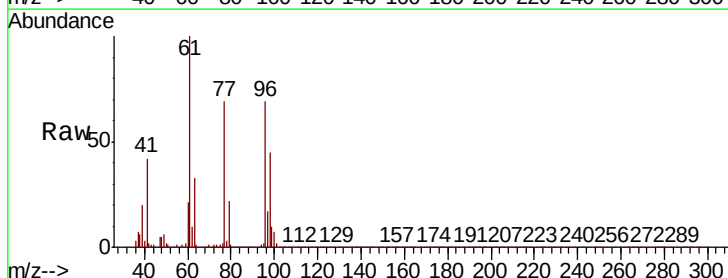
Tgt Ion: 96 Resp: 1308651

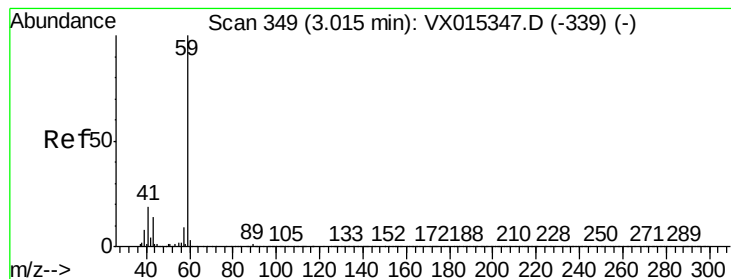
Ion Ratio Lower Upper

96 100

61 155.2 127.2 190.8

98 64.1 51.8 77.6



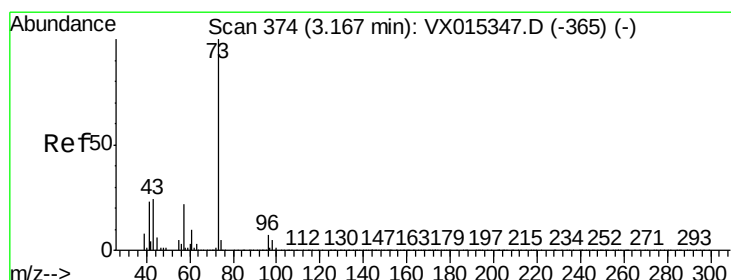
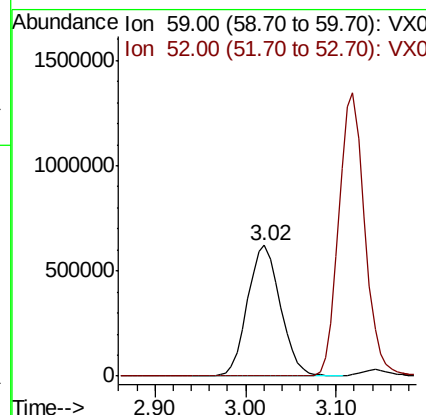
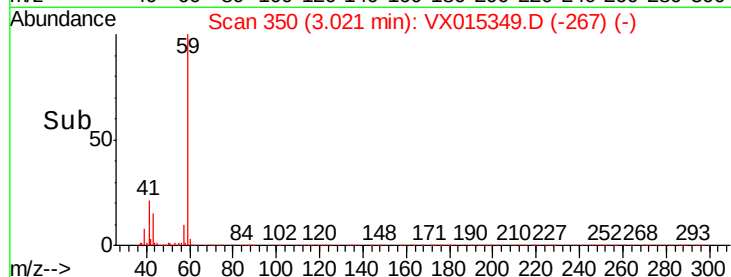
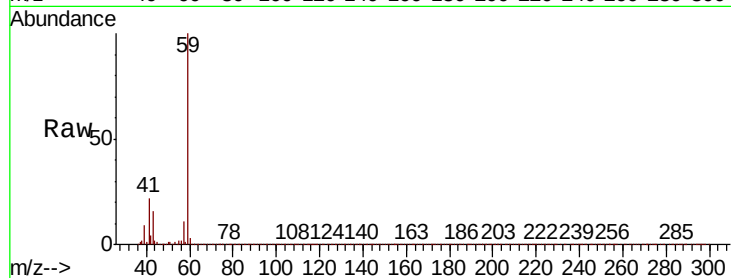


#23

tert-Butyl Alcohol
Concen: 591.994 ug/l
RT: 3.02 min Scan# 350
Delta R.T. 0.01 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :

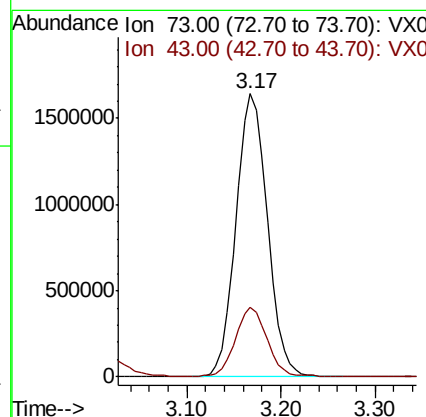
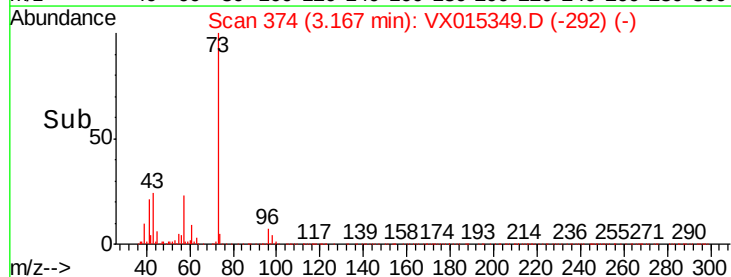
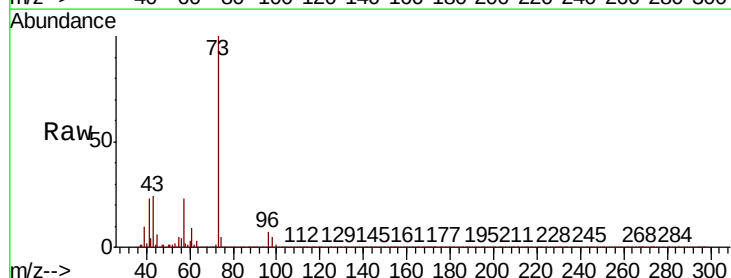
Tot Ion: 59 Resp: 1559795
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.2

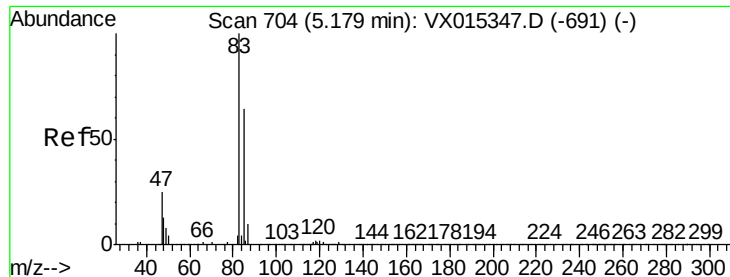


#24

Methyl tert-Butyl Ether
Concen: 105.286 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Tgt Ion: 73 Resp: 3815001
Ion Ratio Lower Upper
73 100
43 23.9 19.2 28.8

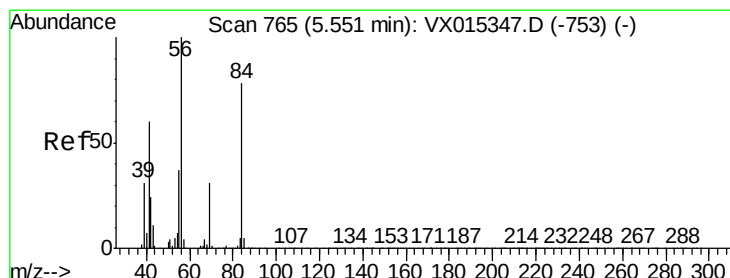
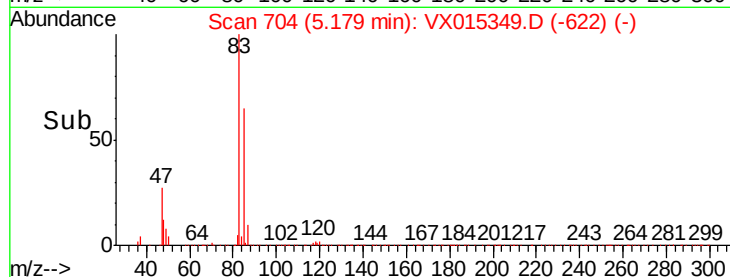
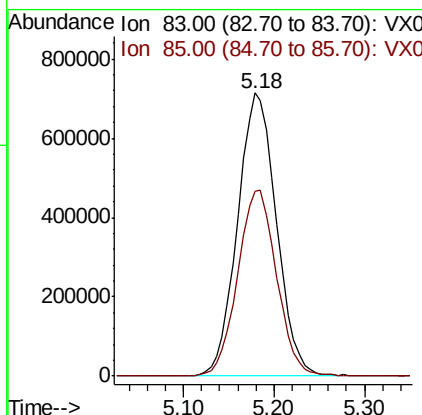
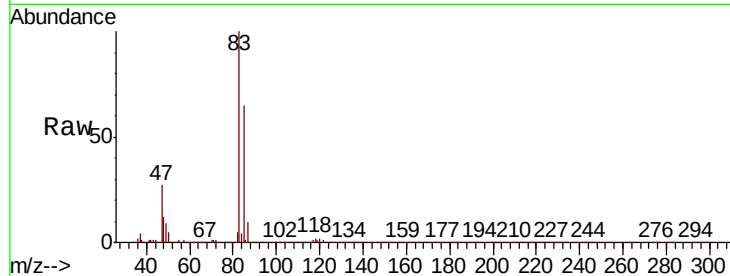




#25
Chloroform
Concen: 103.349 ug/l
RT: 5.18 min Scan# 704
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

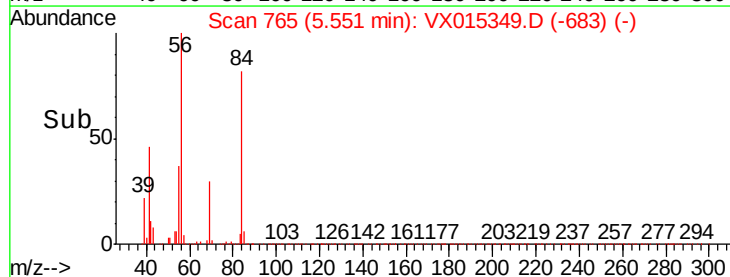
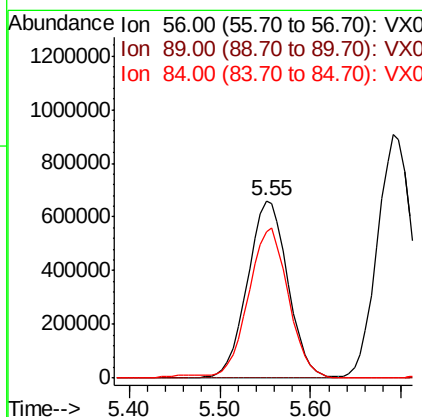
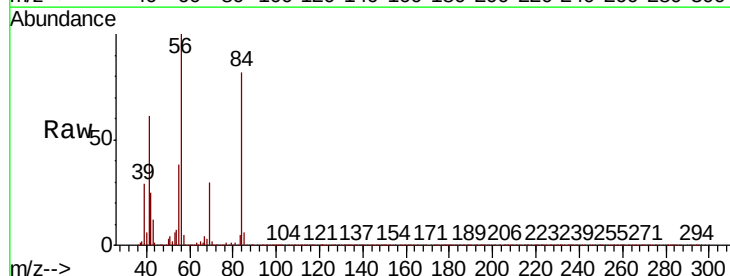
Instrument :
MSVOA_X
ClientSampleId :

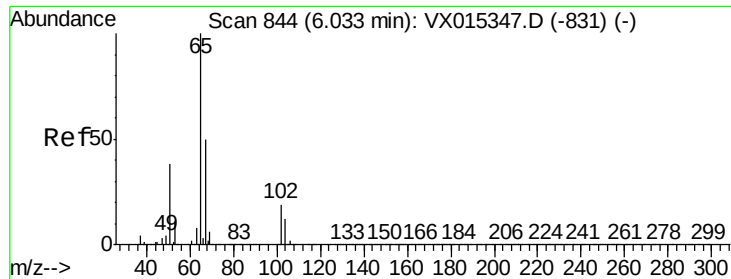
Tot Ion: 83 Resp: 2105434
Ion Ratio Lower Upper
83 100
85 65.2 50.5 75.7



#26
Cyclohexane
Concen: 101.148 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Tgt Ion: 56 Resp: 2019462
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 83.9 66.1 99.1

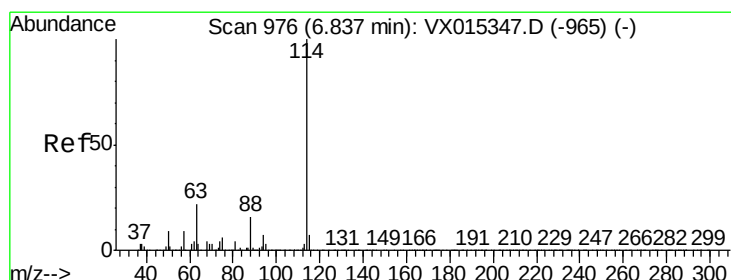
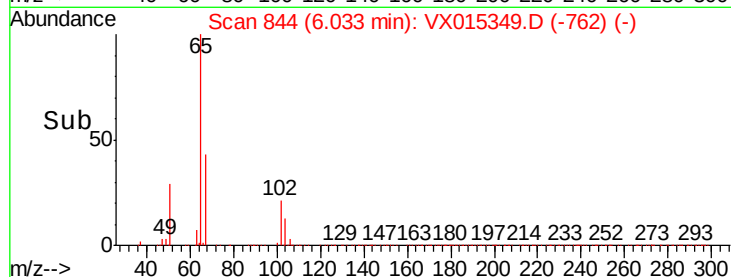
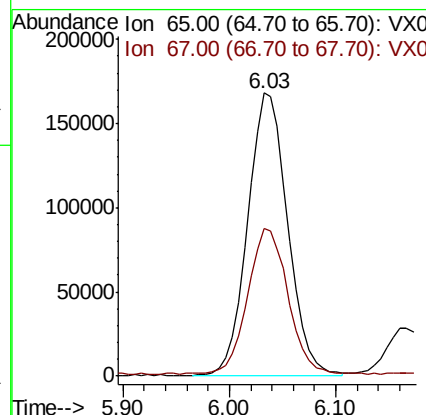
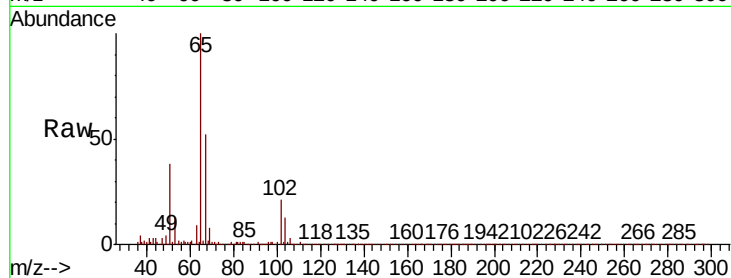




#27
 1,2-Dichloroethane-d4
 Concen: 33.681 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VX015349.D
 Acq: 25 Mar 2020 19:16

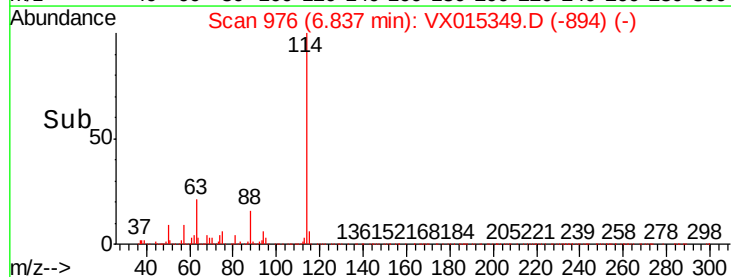
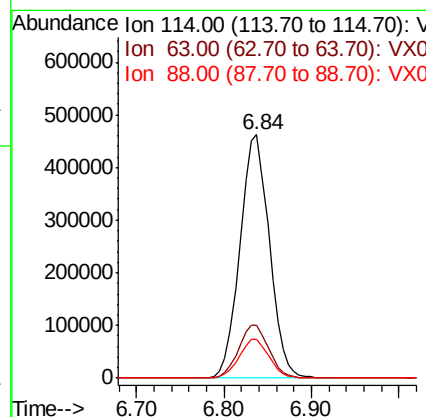
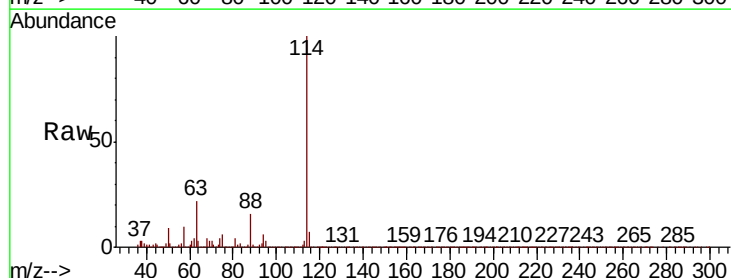
Instrument :
 MSVOA_X
 ClientSampleId :

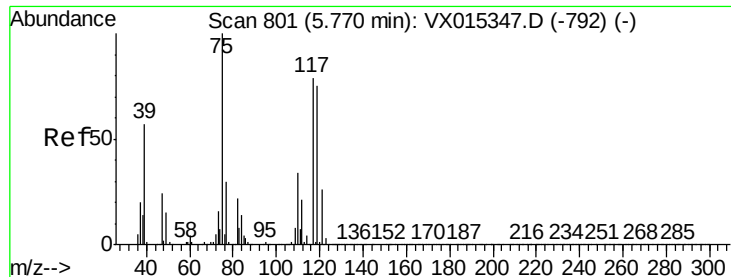
Tot Ion: 65 Resp: 440001
 Ion Ratio Lower Upper
 65 100
 67 51.9 40.9 61.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VX015349.D
 Acq: 25 Mar 2020 19:16

Tgt Ion: 114 Resp: 1084332
 Ion Ratio Lower Upper
 114 100
 63 22.1 17.4 26.2
 88 16.2 12.9 19.3





#29

1,1-Dichloropropene

Concen: 98.494 ug/l

RT: 5.77 min Scan# 801

Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

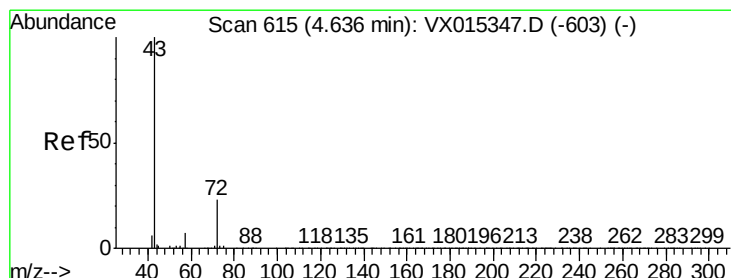
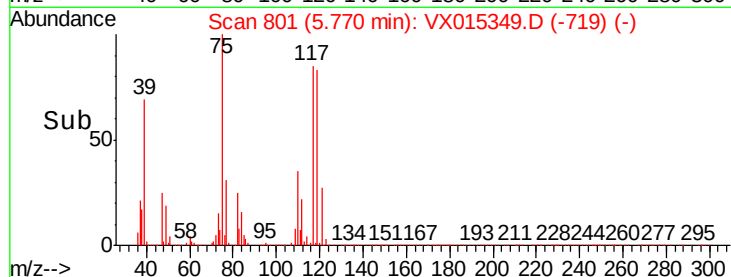
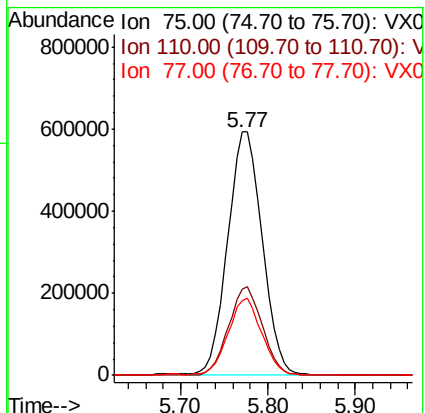
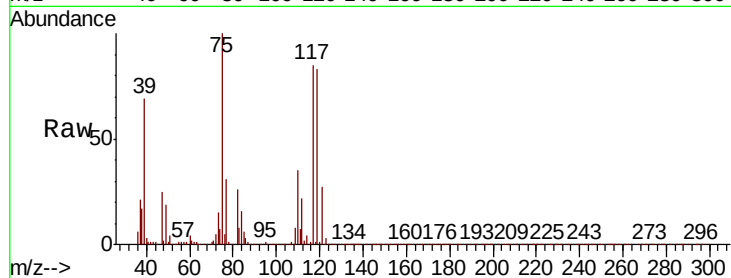
Tot Ion: 75 Resp: 1628755

Ion Ratio Lower Upper

75 100

110 35.4 0.0 71.2

77 30.7 0.0 62.2



#30

2-Butanone

Concen: 531.733 ug/l

RT: 4.64 min Scan# 615

Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

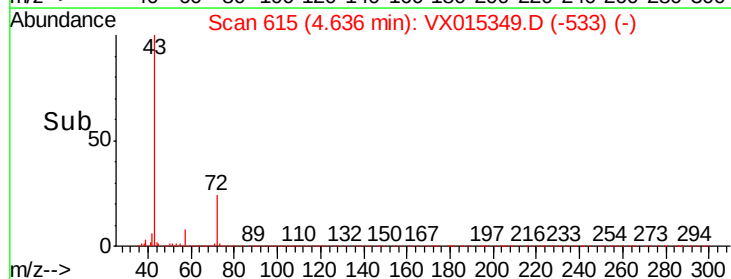
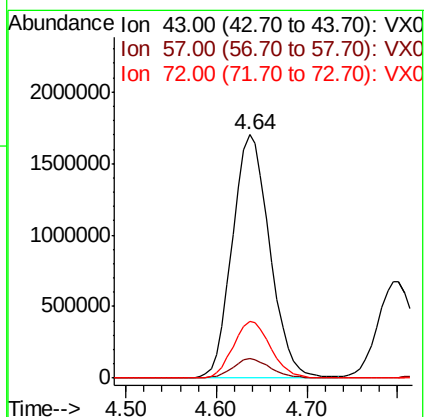
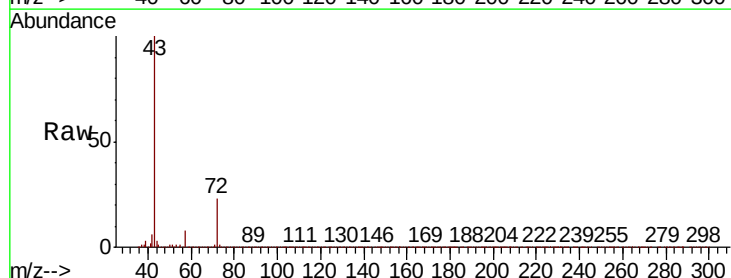
Tgt Ion: 43 Resp: 4821231

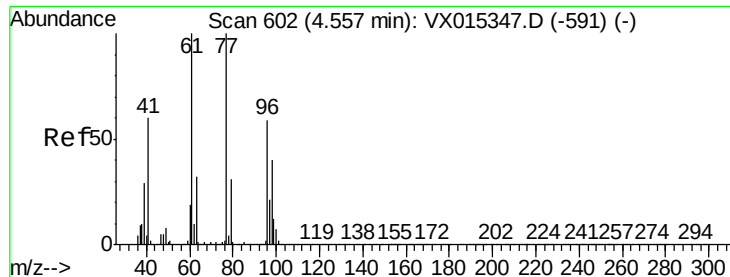
Ion Ratio Lower Upper

43 100

57 7.6 5.9 8.9

72 23.3 18.6 27.8





#31

2,2-Dichloropropane

Concen: 108.559 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Instrument :

MSVOA_X

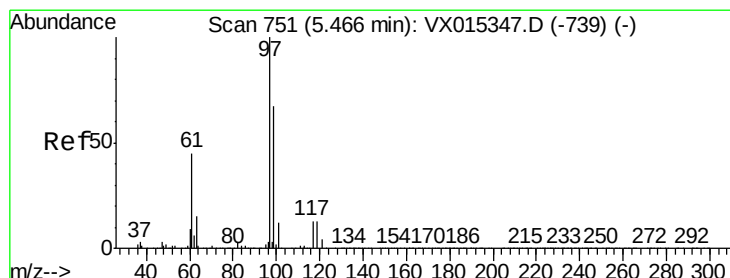
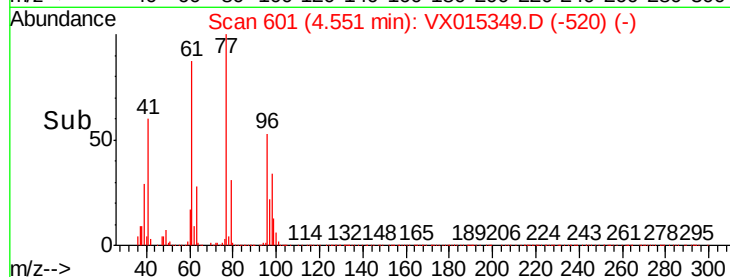
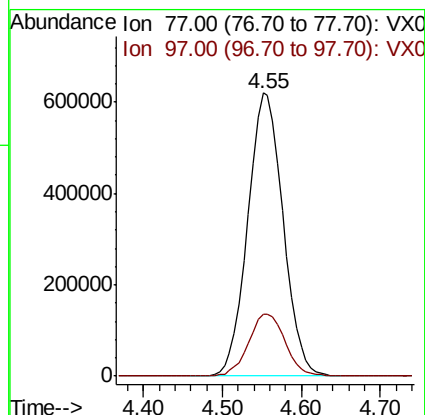
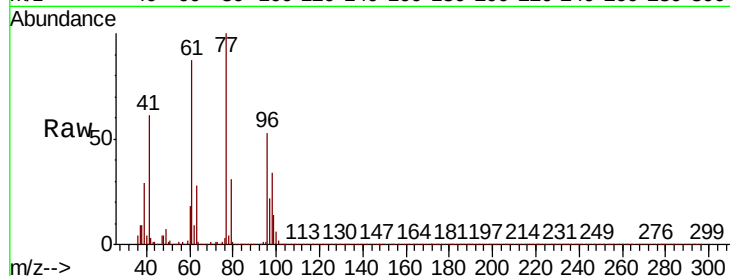
ClientSampleId :

Tot Ion: 77 Resp: 1926086

Ion Ratio Lower Upper

77 100

97 22.3 17.8 26.8



#32

1,1,1-Trichloroethane

Concen: 108.047 ug/l

RT: 5.47 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

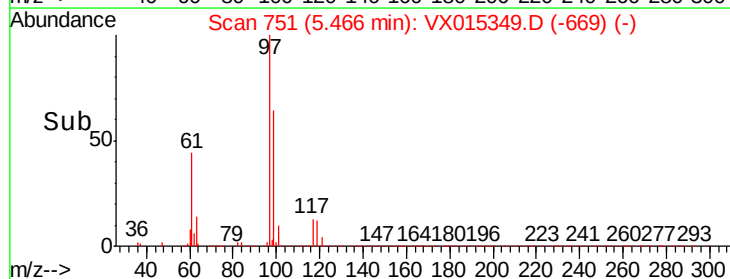
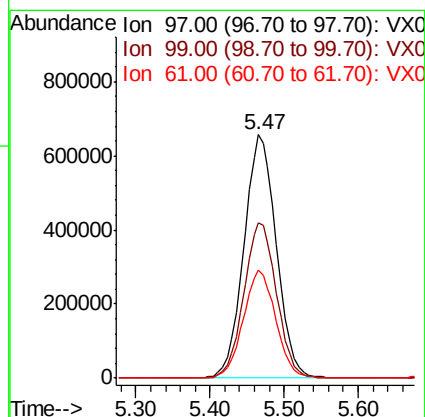
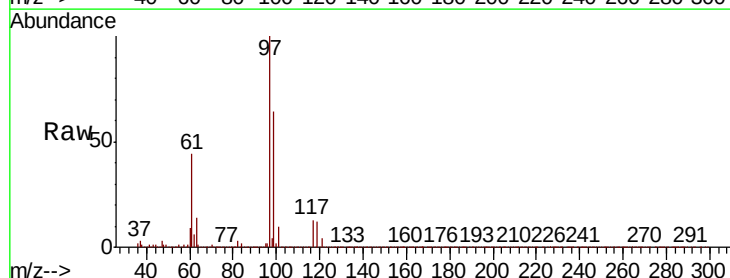
Tgt Ion: 97 Resp: 1989691

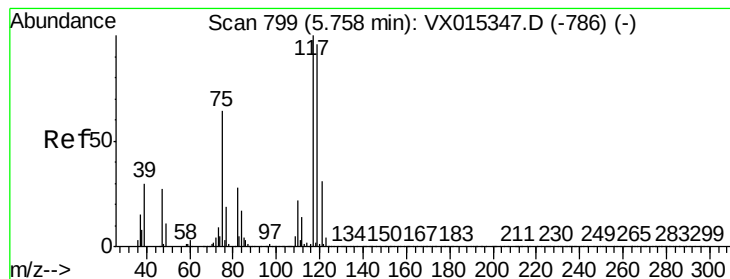
Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.4

61 44.5 35.8 53.8





#33

Carbon Tetrachloride

Concen: 112.734 ug/l

RT: 5.76 min Scan# 799

Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

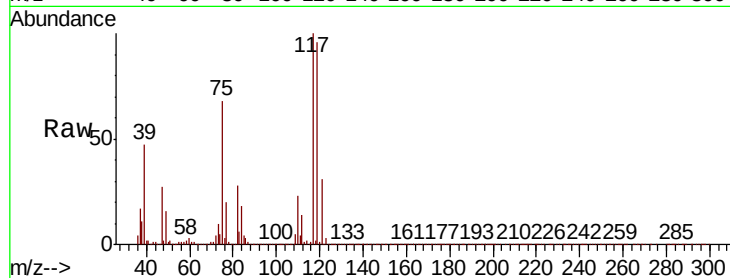
Tot Ion:117 Resp: 1803060

Ion Ratio Lower Upper

117 100

119 96.1 76.6 114.8

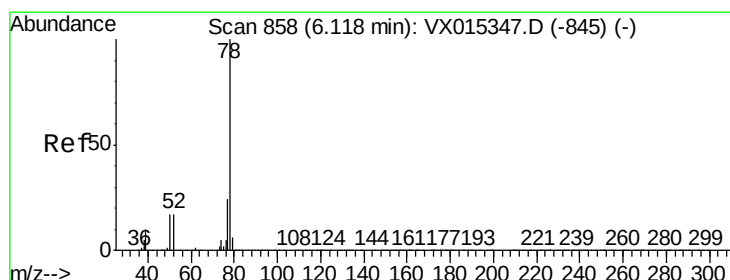
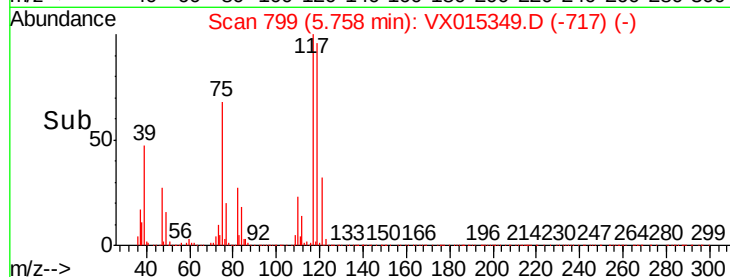
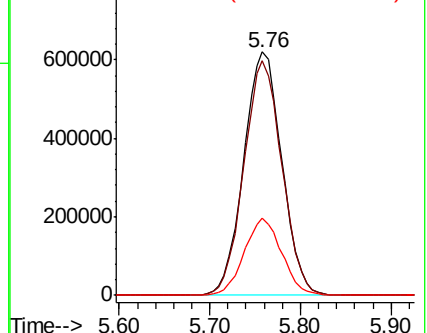
121 31.4 25.0 37.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 94.354 ug/l

RT: 6.12 min Scan# 858

Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

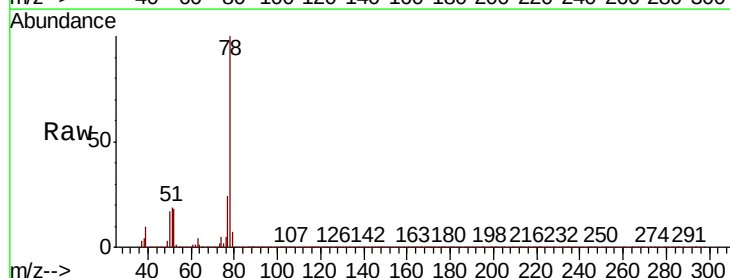
Tgt Ion: 78 Resp: 4675728

Ion Ratio Lower Upper

78 100

77 24.4 19.4 29.2

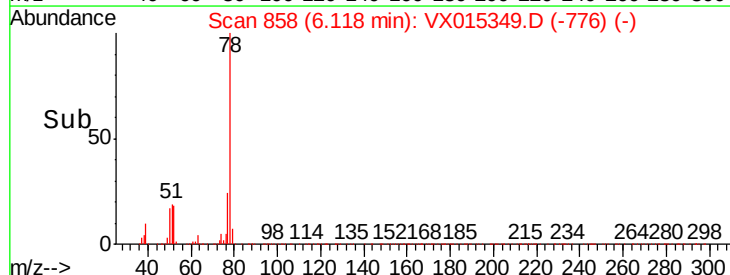
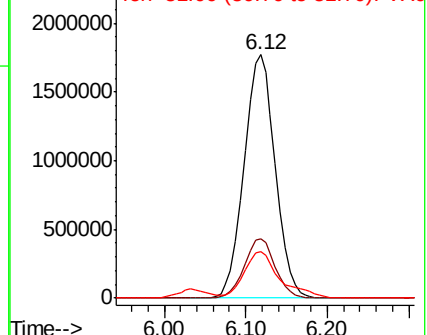
51 18.8 14.6 21.8

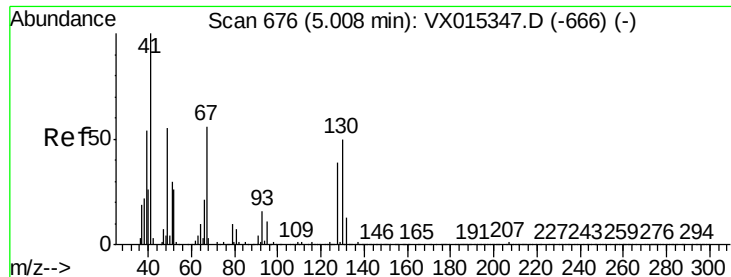


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

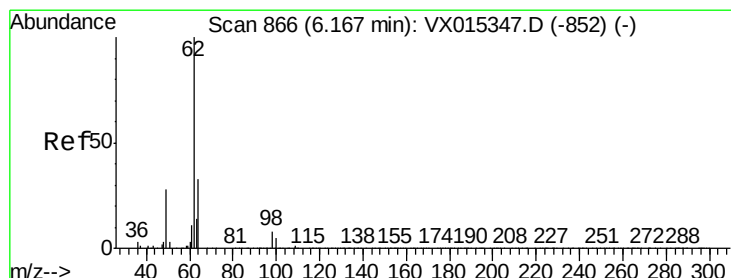
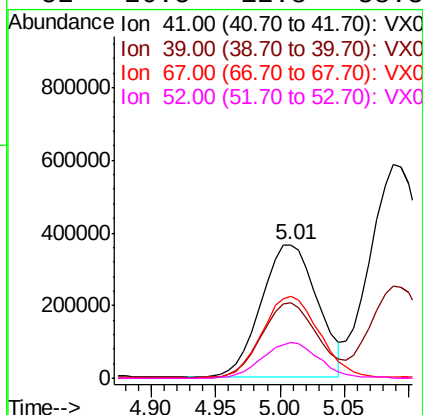
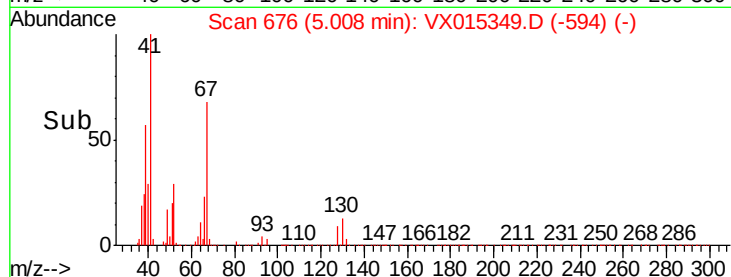
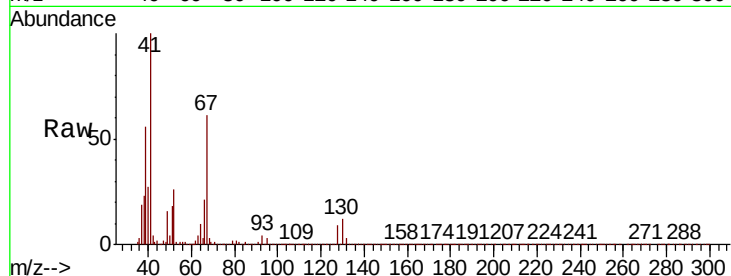




#35
Methacrylonitrile
Concen: 110.566 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

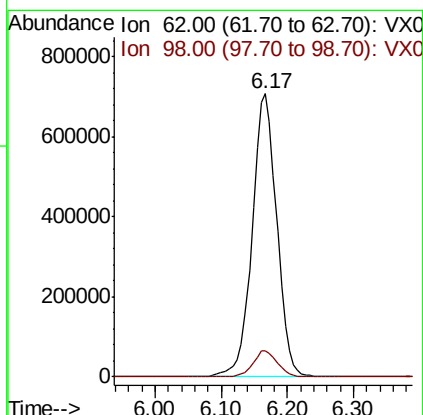
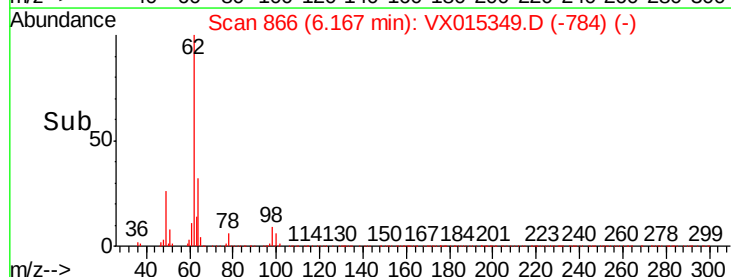
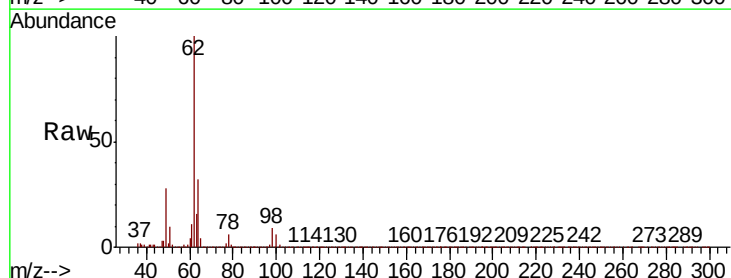
Instrument :
MSVOA_X
ClientSampled :

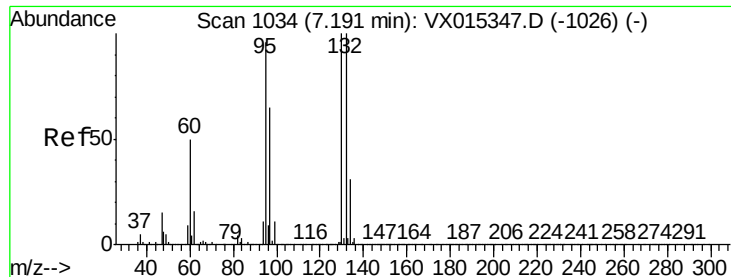
Tot Ion: 41 Resp: 1104548
Ion Ratio Lower Upper
41 100
39 56.4 27.0 81.0
67 61.4 28.2 84.6
52 26.5 12.8 38.3



#36
1,2-Dichloroethane
Concen: 107.431 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Tgt Ion: 62 Resp: 1830683
Ion Ratio Lower Upper
62 100
98 8.9 6.9 10.3

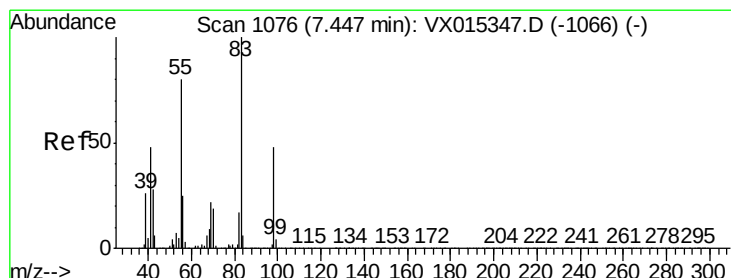
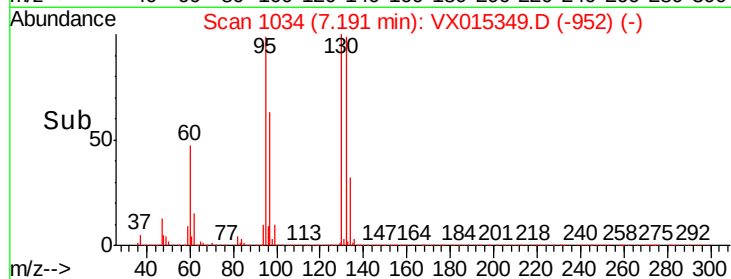
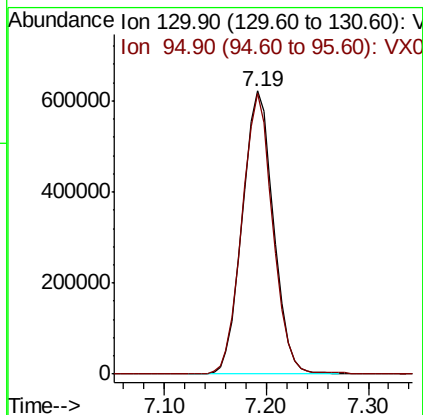
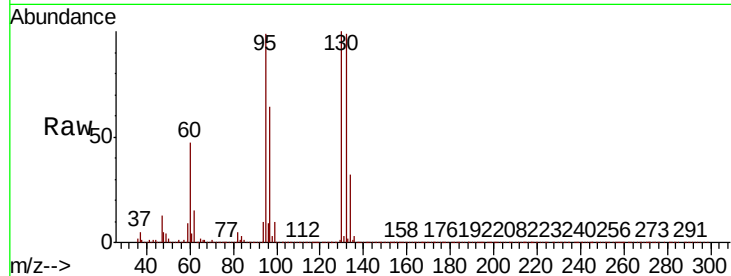




#37
 Trichloroethene
 Concen: 95.221 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015349.D
 Acq: 25 Mar 2020 19:16

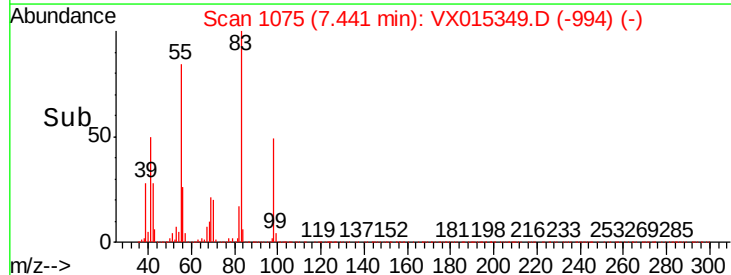
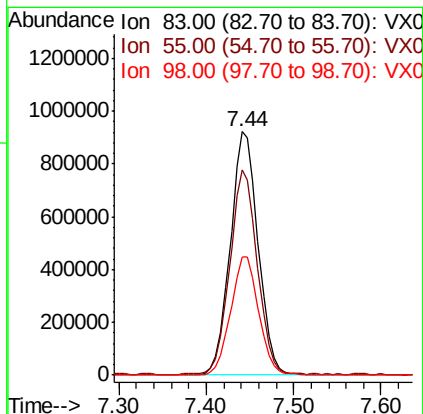
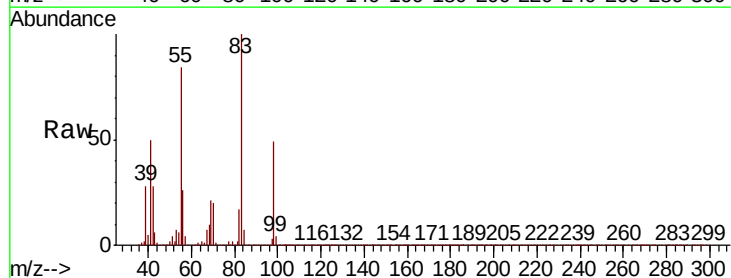
Instrument :
 MSVOA_X
 ClientSampleId :

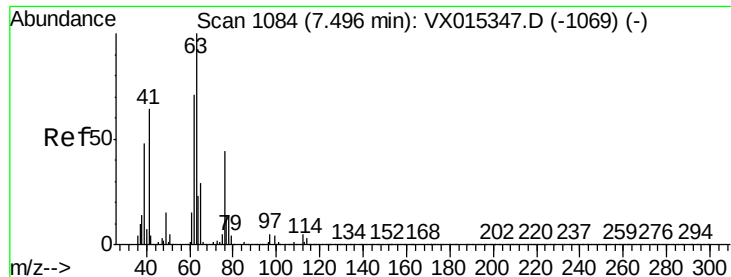
Tot Ion:130 Resp: 1319599
 Ion Ratio Lower Upper
 130 100
 95 99.2 76.4 114.6



#38
 Methylcyclohexane
 Concen: 99.239 ug/l
 RT: 7.44 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: VX015349.D
 Acq: 25 Mar 2020 19:16

Tgt Ion: 83 Resp: 2024079
 Ion Ratio Lower Upper
 83 100
 55 82.6 41.3 124.1
 98 48.8 24.0 72.0

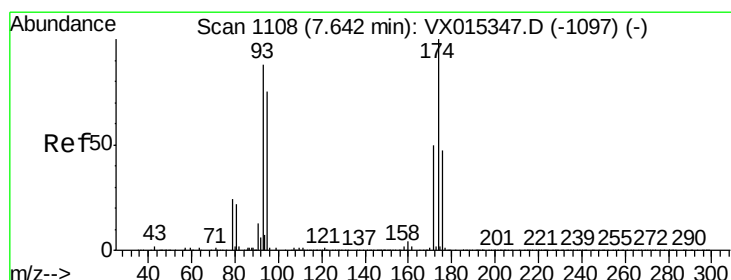
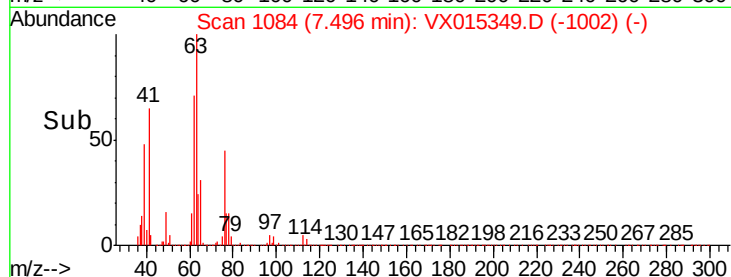
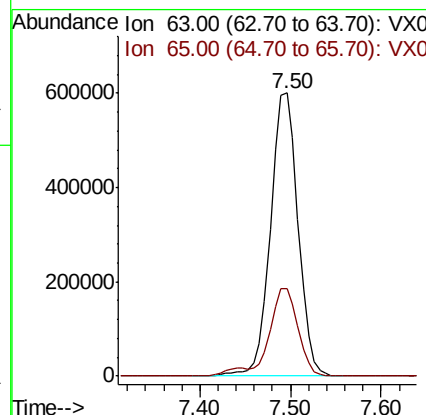
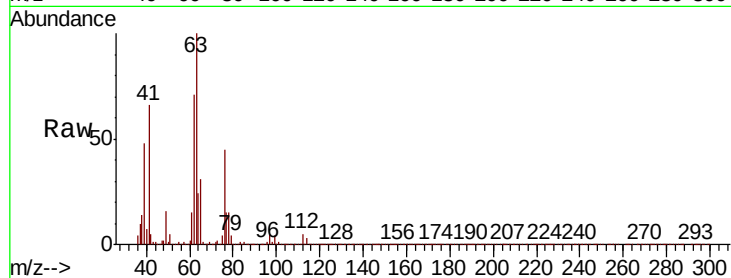




#39
 1,2-Dichloropropane
 Concen: 96.913 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015349.D
 Acq: 25 Mar 2020 19:16

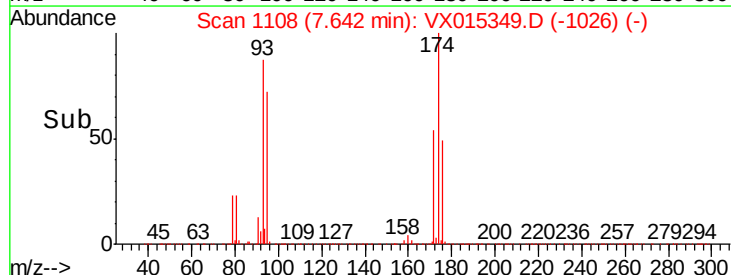
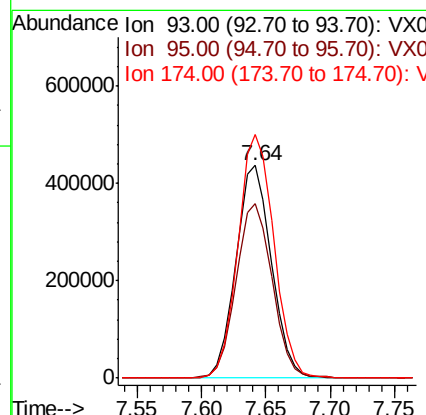
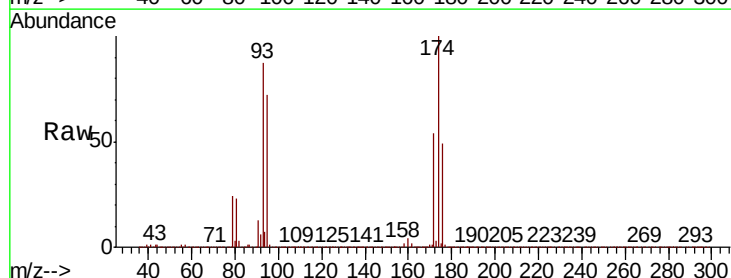
Instrument :
 MSVOA_X
 ClientSampleId :

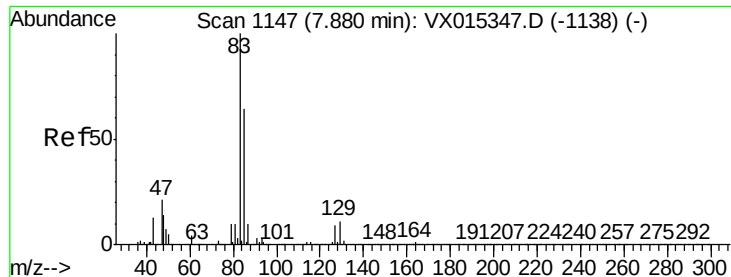
Tot Ion: 63 Resp: 1260549
 Ion Ratio Lower Upper
 63 100
 65 30.9 23.0 34.4



#40
 Dibromomethane
 Concen: 100.312 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015349.D
 Acq: 25 Mar 2020 19:16

Tgt Ion: 93 Resp: 834206
 Ion Ratio Lower Upper
 93 100
 95 83.3 0.0 166.4
 174 115.7 0.0 225.4





#41

Bromodichloromethane

Concen: 106.946 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

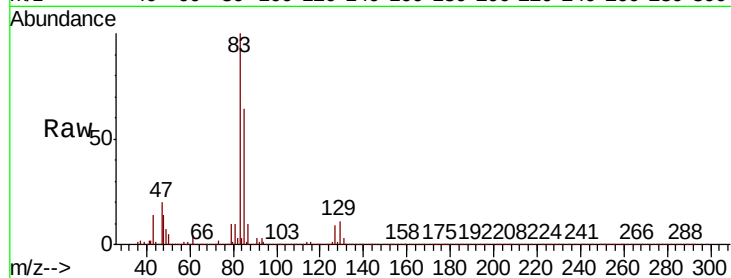
Tot Ion: 83 Resp: 1804770

Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.6	77.4
127	8.9	7.0	10.4

83 100

85 64.0 51.6 77.4

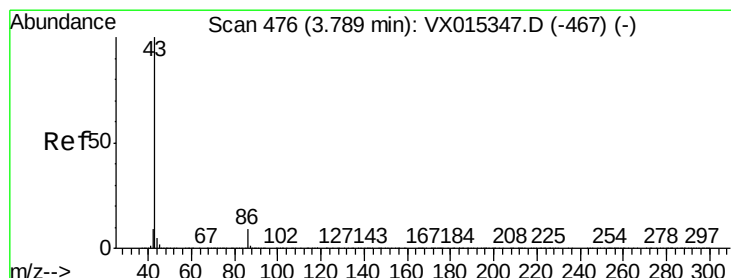
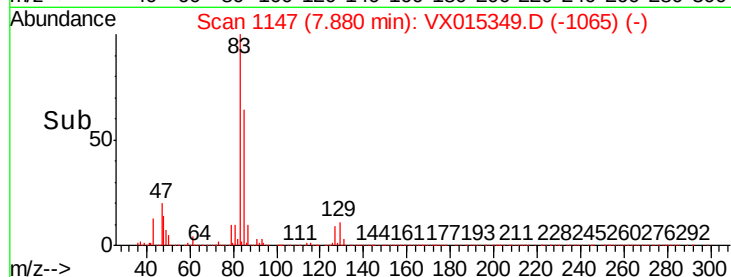
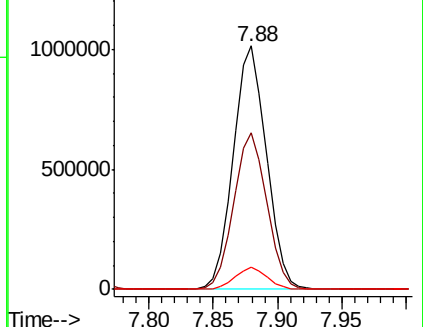
127 8.9 7.0 10.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 495.131 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015349.D

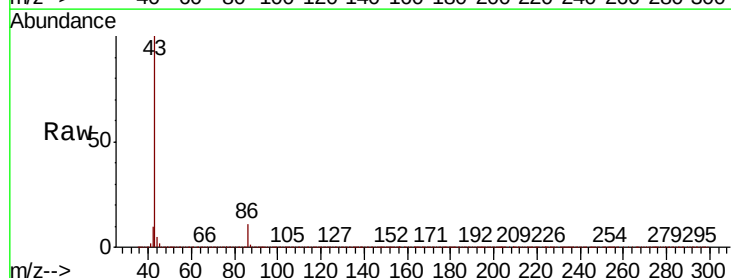
Acq: 25 Mar 2020 19:16

Tgt Ion: 43 Resp: 17880369

Ion	Ratio	Lower	Upper
43	100		
86	9.0	6.9	10.3

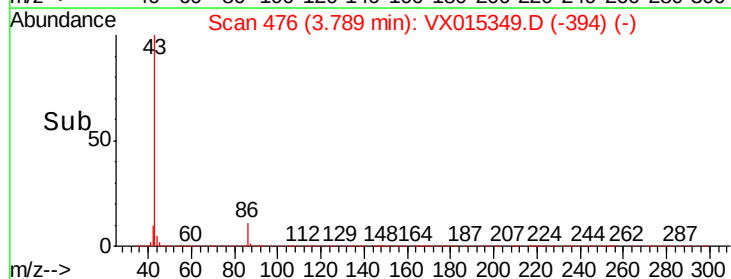
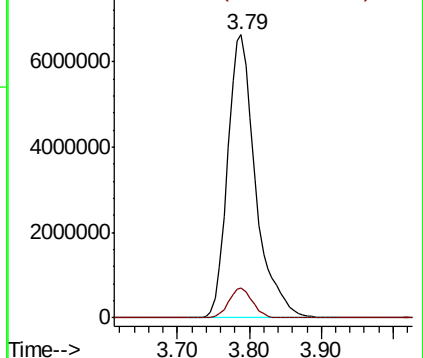
43 100

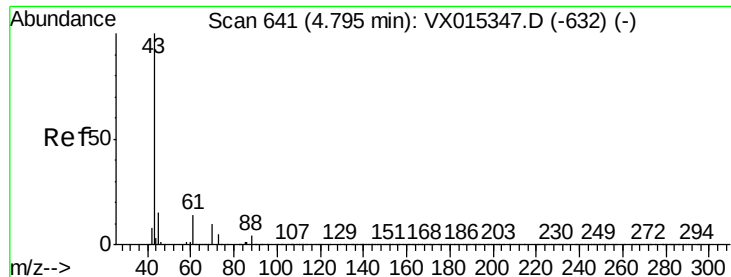
86 9.0 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 110.773 ug/l

RT: 4.80 min Scan# 642

Delta R.T. 0.01 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Instrument :

MSVOA_X

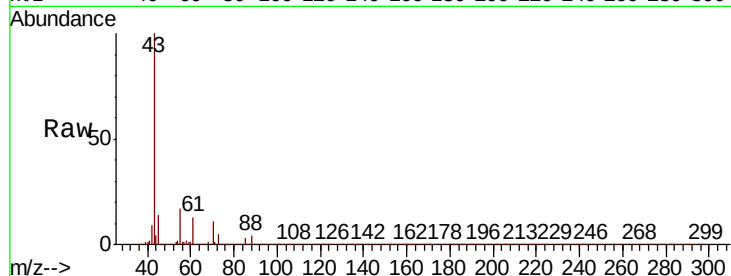
ClientSampleId :

Tot Ion: 43 Resp: 1944133

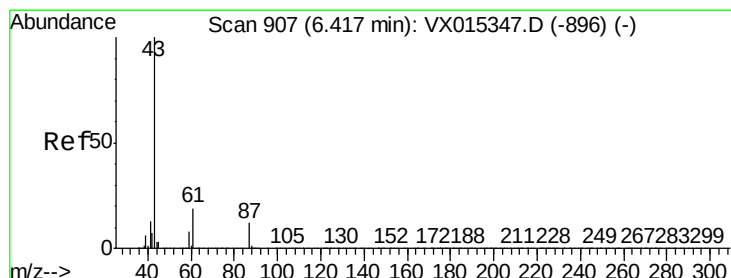
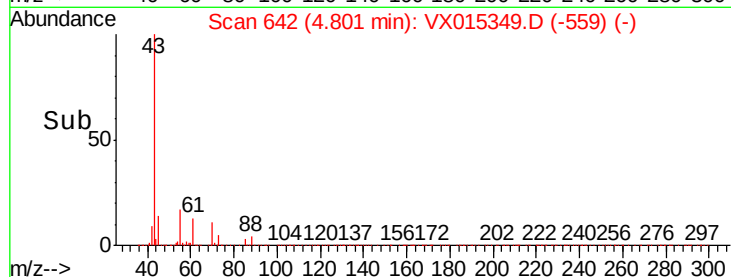
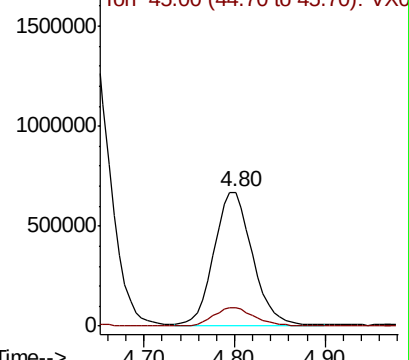
Ion Ratio Lower Upper

43 100

45 14.5 12.2 18.4



Abundance Ion 43.00 (42.70 to 43.70): VX0



#44

Isopropyl Acetate

Concen: 114.363 ug/l

RT: 6.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: VX015349.D

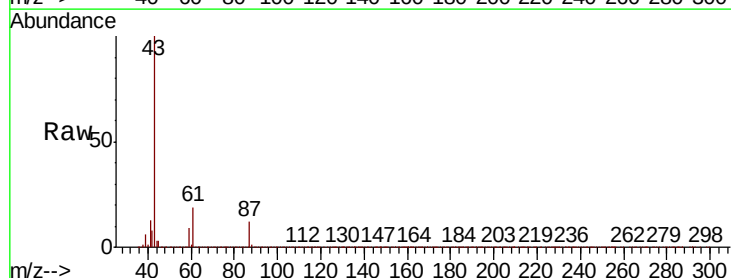
Acq: 25 Mar 2020 19:16

Tgt Ion: 43 Resp: 3390404

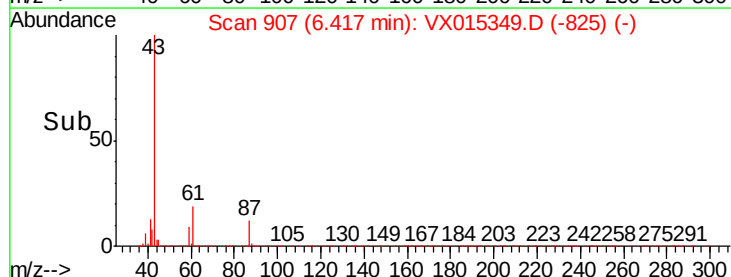
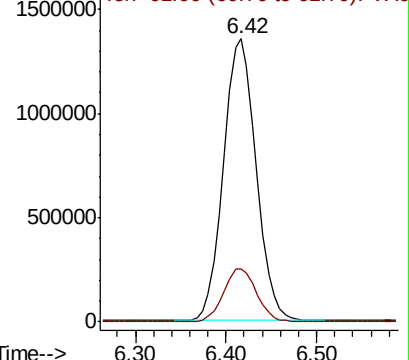
Ion Ratio Lower Upper

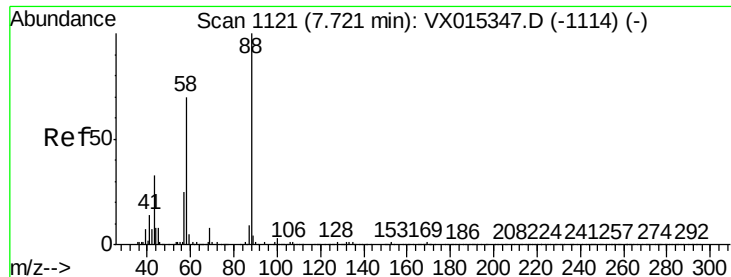
43 100

61 19.1 14.6 22.0



Abundance Ion 43.00 (42.70 to 43.70): VX0





#45

1,4-Dioxane

Concen: 2131.988 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.01 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

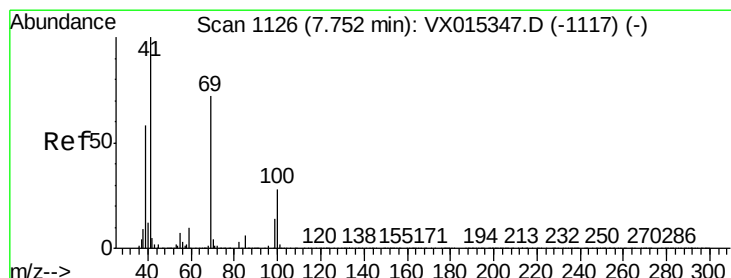
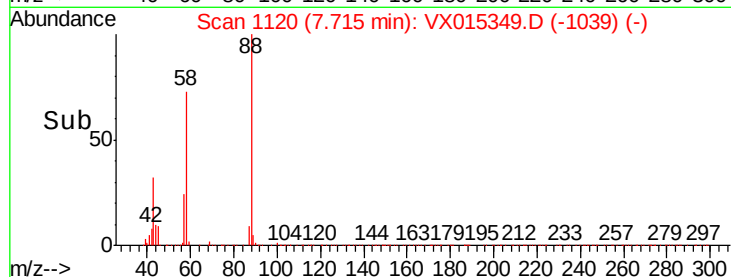
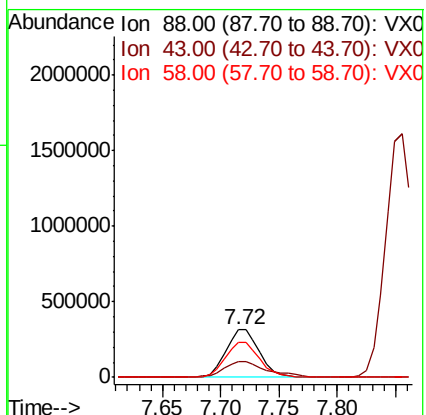
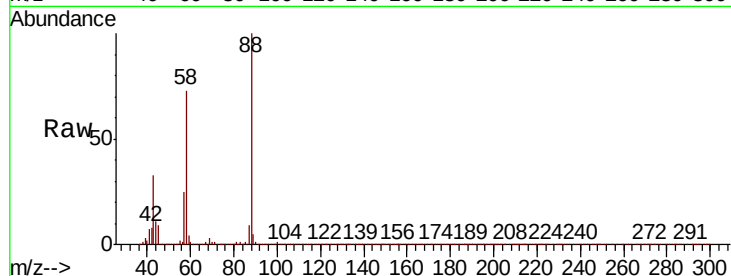
Tot Ion: 88 Resp: 622664

Ion Ratio Lower Upper

88 100

43 37.8 32.1 48.1

58 75.8 59.4 89.0



#46

Methyl methacrylate

Concen: 115.933 ug/l

RT: 7.75 min Scan# 1126

Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

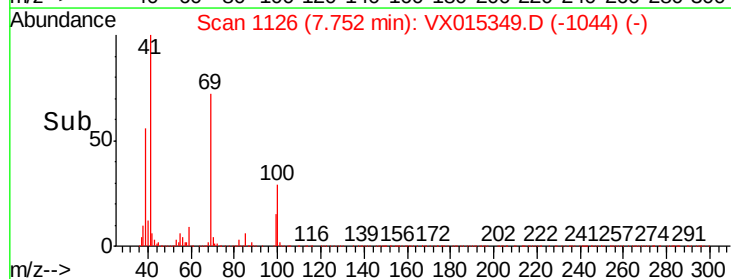
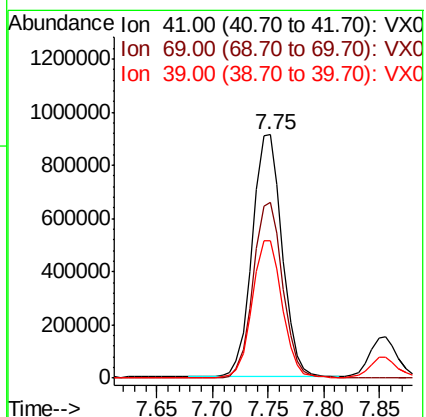
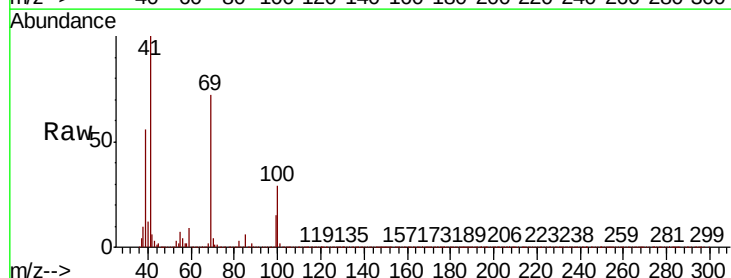
Tgt Ion: 41 Resp: 1712117

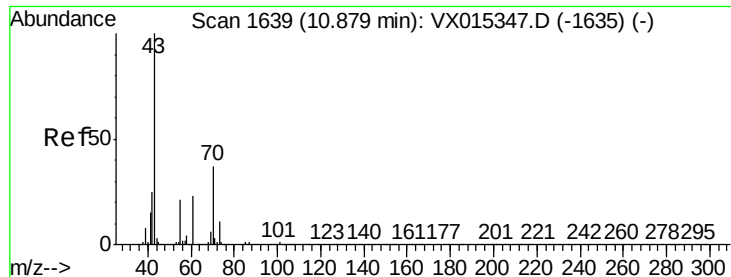
Ion Ratio Lower Upper

41 100

69 72.2 35.8 107.4

39 56.4 28.9 86.8





#47

n-amvl Acetate

Concen: 113.214 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. 0.01 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Instrument :

MSVOA_X

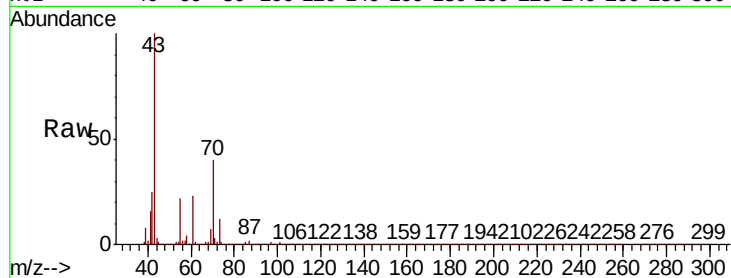
ClientSampleId :

Tot Ion: 43 Resp: 2987816

Ion Ratio Lower Upper

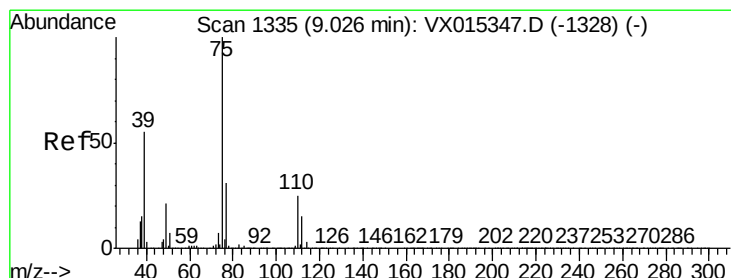
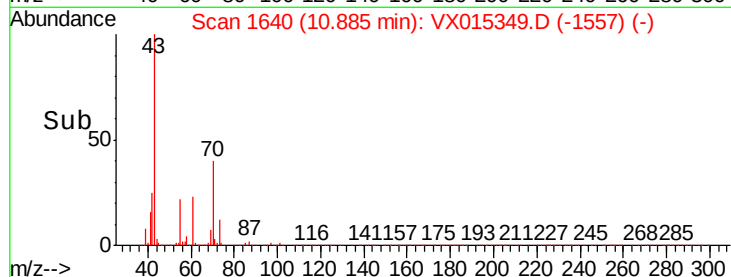
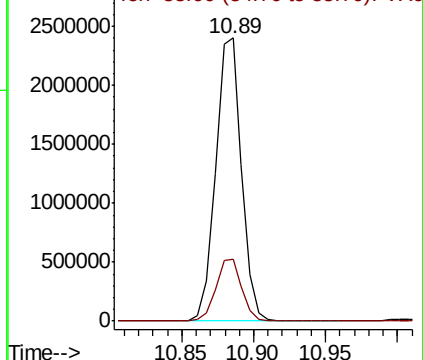
43 100

55 21.6 17.0 25.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 113.698 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX015349.D

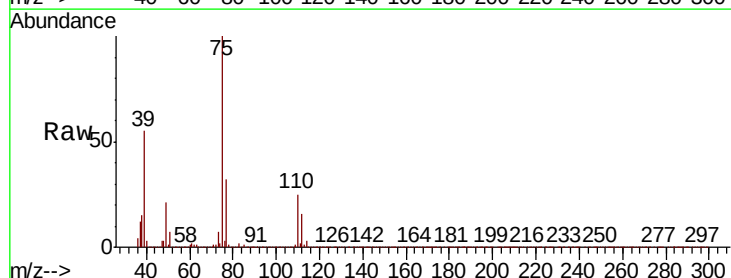
Acq: 25 Mar 2020 19:16

Tgt Ion: 75 Resp: 2114156

Ion Ratio Lower Upper

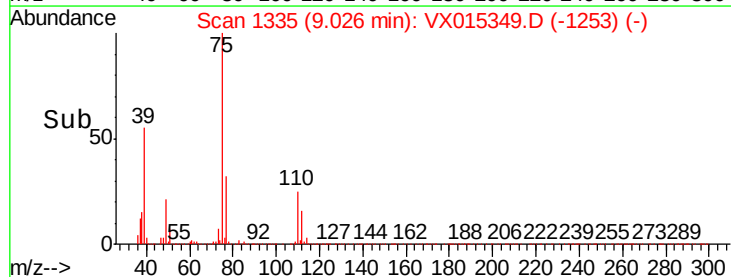
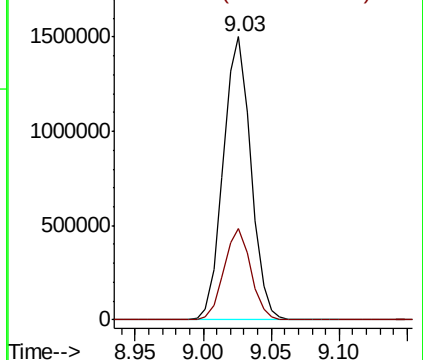
75 100

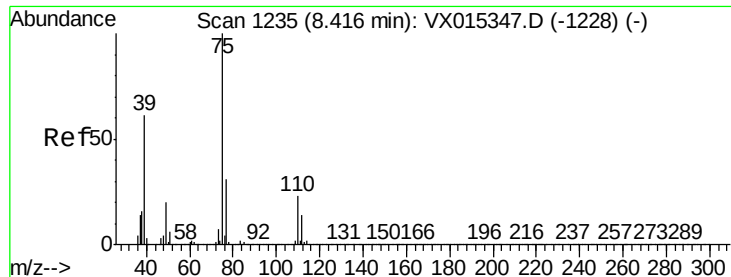
77 32.1 24.6 37.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



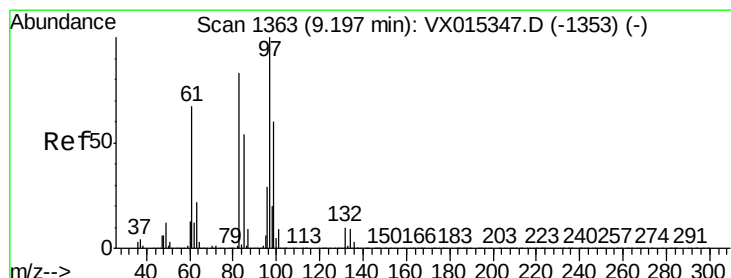
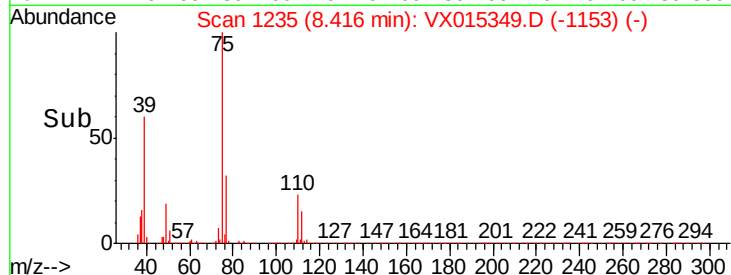
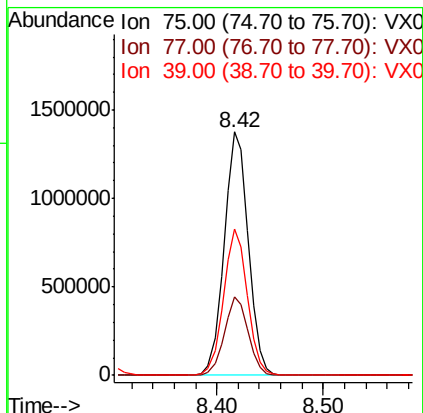
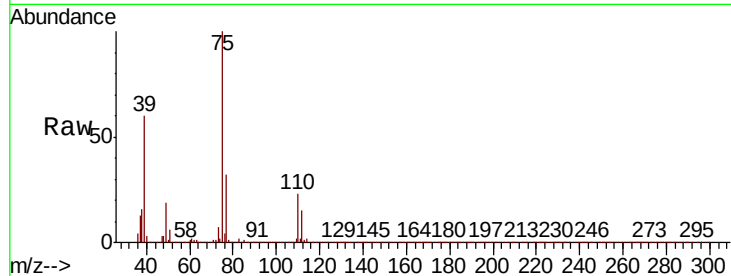


#49

cis-1,3-Dichloropropene
Concen: 105.597 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :

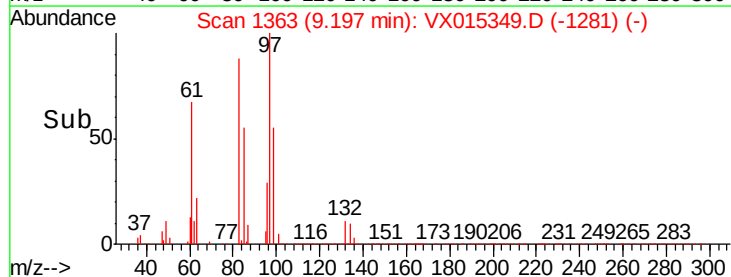
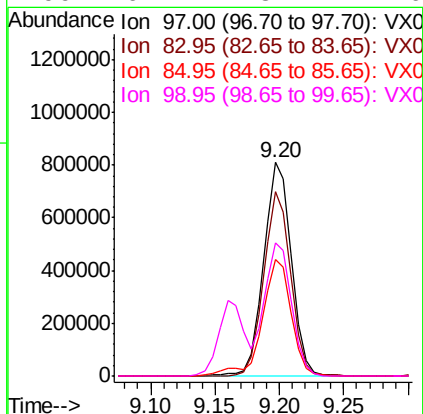
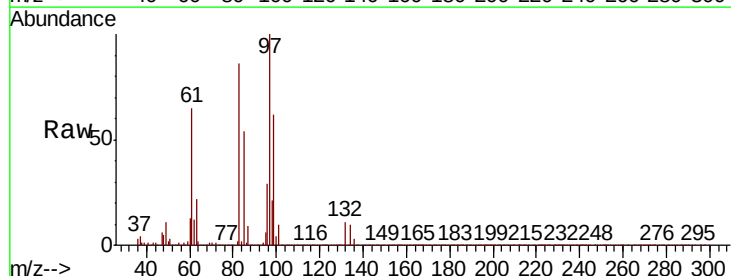
Tot Ion: 75 Resp: 2174218
Ion Ratio Lower Upper
75 100
77 32.4 24.6 36.8
39 59.8 48.9 73.3

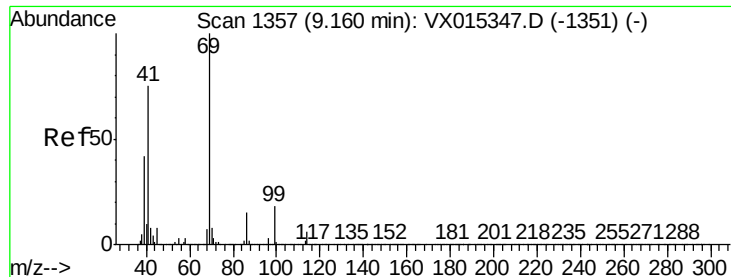


#50

1,1,2-Trichloroethane
Concen: 97.731 ug/l
RT: 9.20 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Tgt Ion: 97 Resp: 1196065
Ion Ratio Lower Upper
97 100
83 86.2 66.8 100.2
85 54.4 43.3 64.9
99 62.4 48.4 72.6





#51

Ethyl methacrylate

Concen: 107.129 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

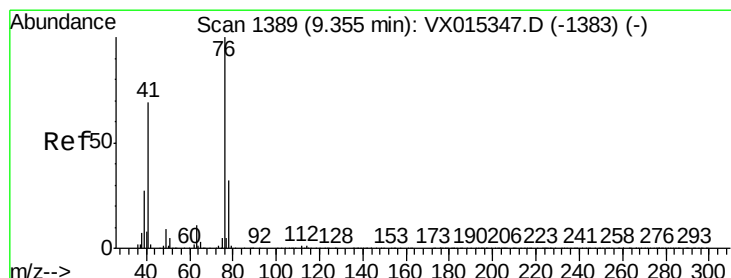
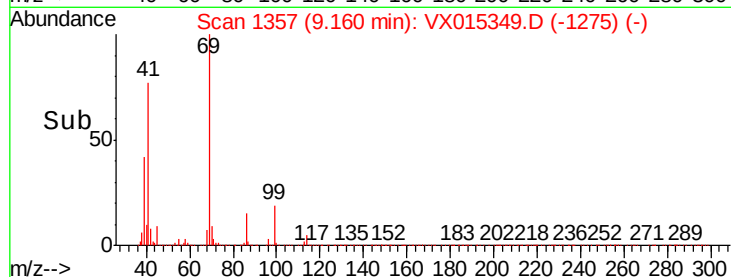
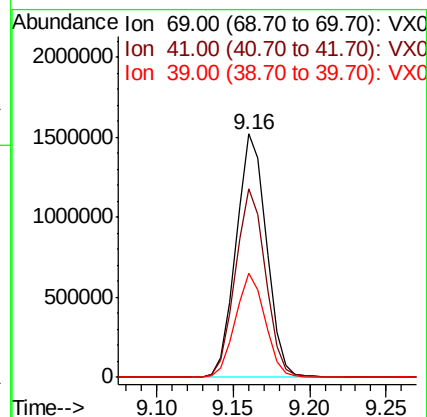
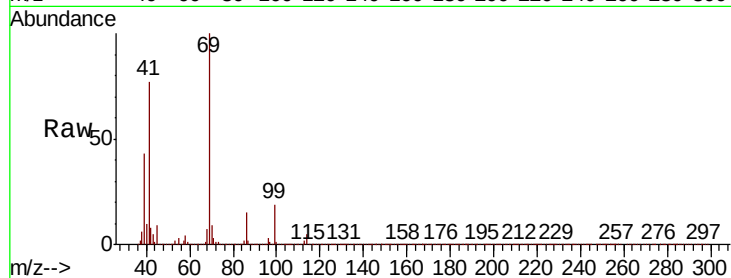
Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 69 Resp: 2086439

Ion	Ratio	Lower	Upper
69	100		
41	77.2	37.4	112.2
39	42.7	21.1	63.1



#52

1,3-Dichloropropane

Concen: 99.402 ug/l

RT: 9.36 min Scan# 1389

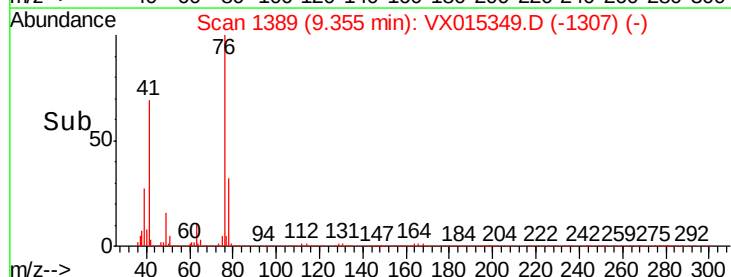
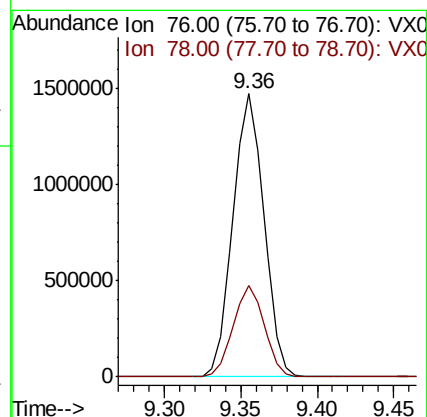
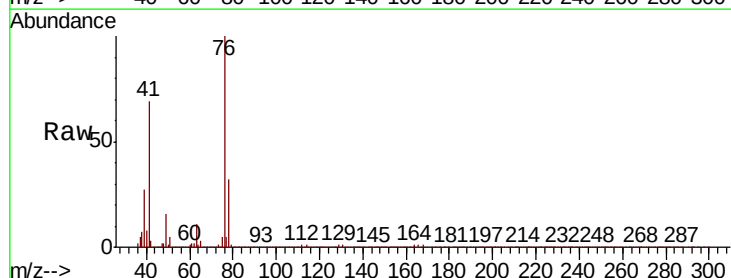
Delta R.T. 0.00 min

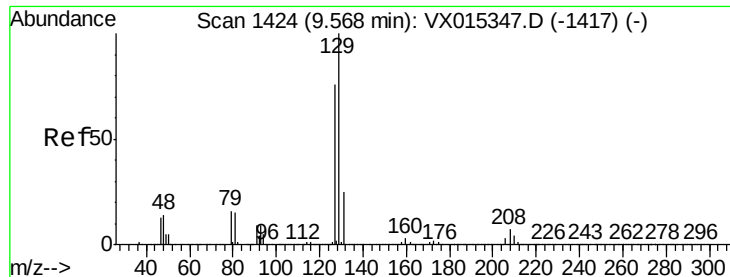
Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Tgt Ion: 76 Resp: 2070243

Ion	Ratio	Lower	Upper
76	100		
78	32.2	0.0	63.2

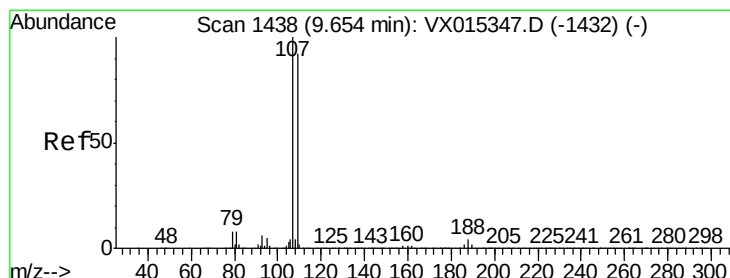
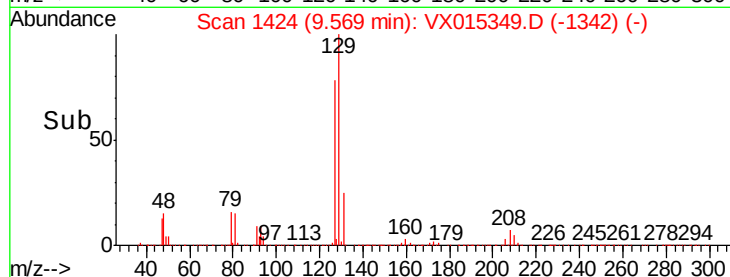
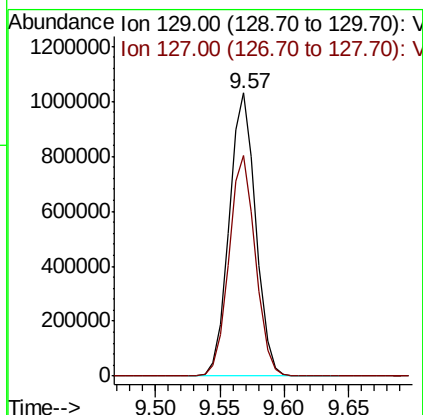
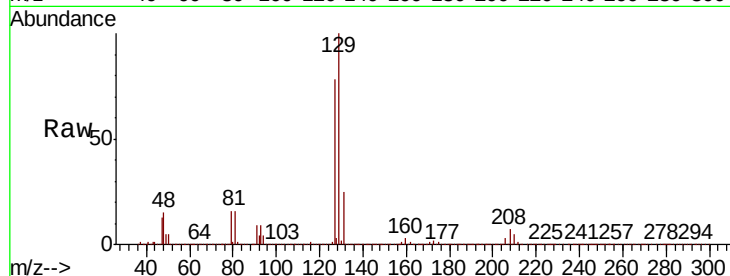




#53
Dibromochloromethane
Concen: 110.115 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

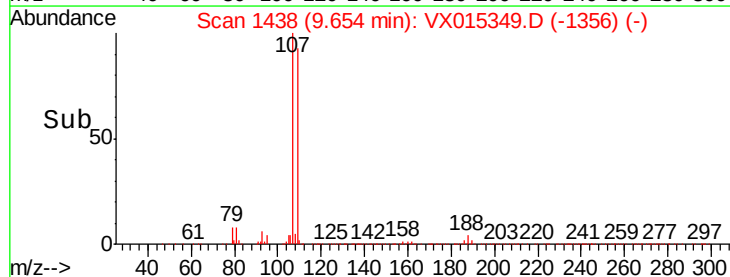
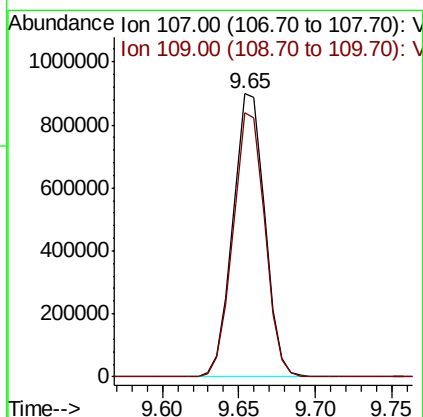
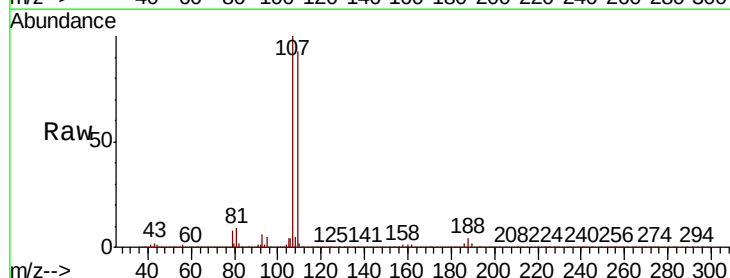
Instrument :
MSVOA_X
ClientSampleId :

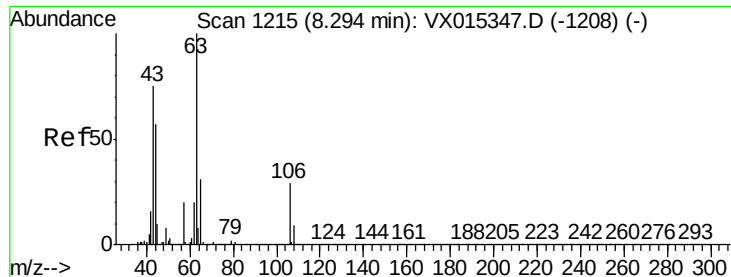
Tot Ion:129 Resp: 1483737
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.7



#54
1,2-Dibromoethane
Concen: 101.932 ug/l
RT: 9.65 min Scan# 1438
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Tgt Ion:107 Resp: 1296288
Ion Ratio Lower Upper
107 100
109 93.1 75.0 112.6

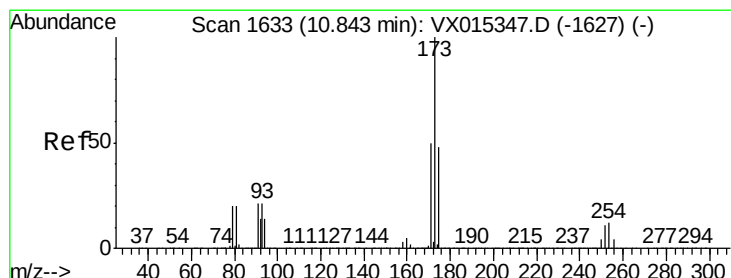
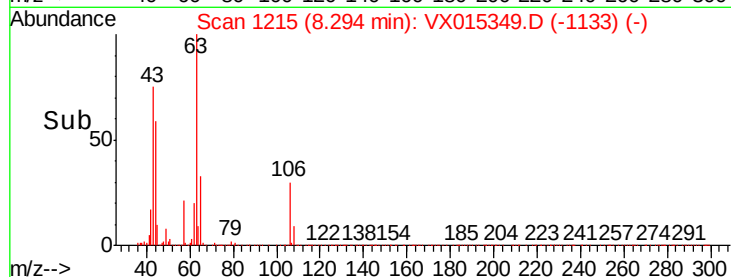
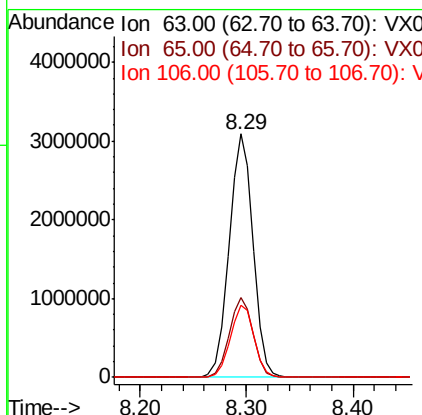
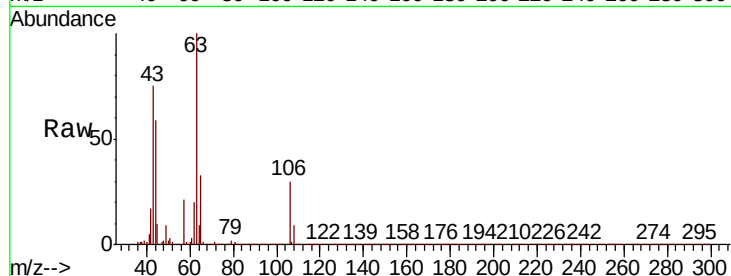




#55
2-Chloroethyl vinyl ether
Concen: 497.488 ug/l
RT: 8.29 min Scan# 1215
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

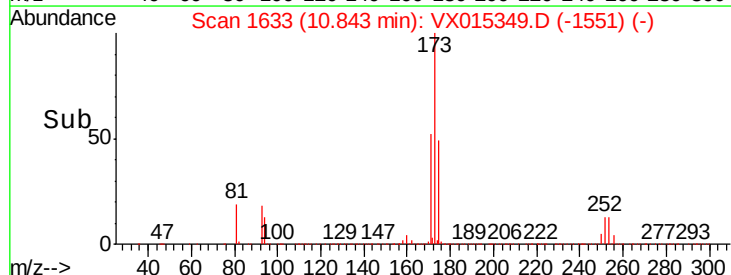
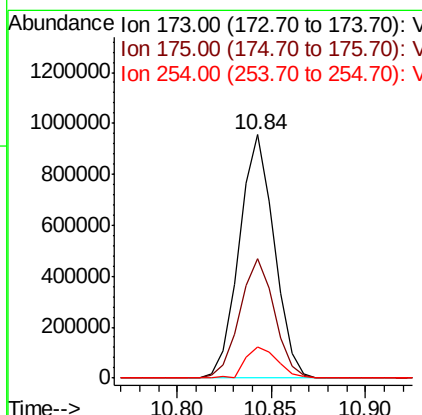
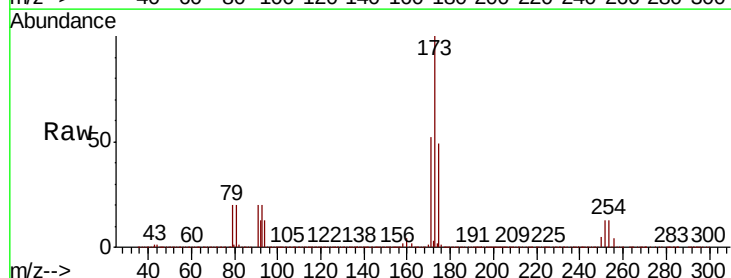
Instrument :
MSVOA_X
ClientSampleId :

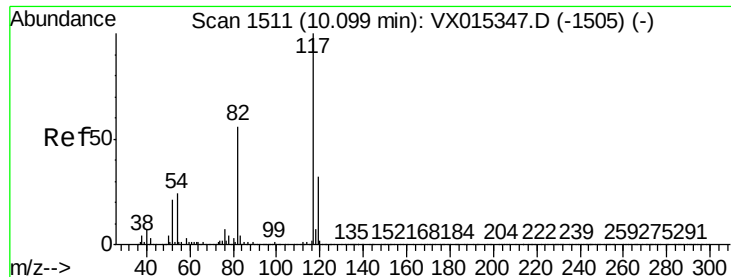
Tot Ion: 63 Resp: 4832503
Ion Ratio Lower Upper
63 100
65 32.5 25.5 38.3
106 29.6 23.1 34.7



#56
Bromoform
Concen: 116.324 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Tgt Ion: 173 Resp: 1230561
Ion Ratio Lower Upper
173 100
175 48.7 39.0 58.4
254 11.5 9.4 14.2

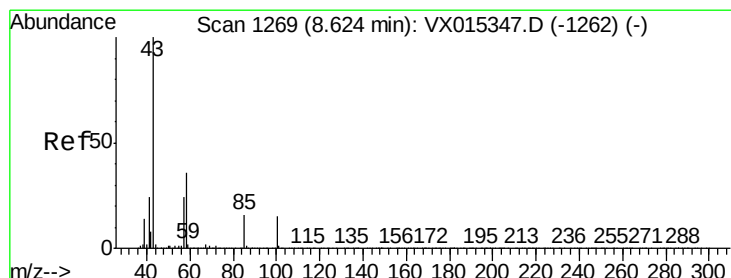
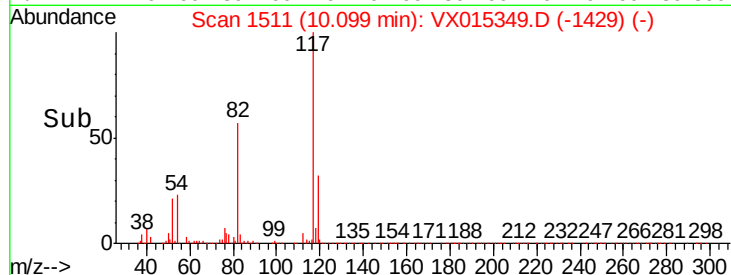
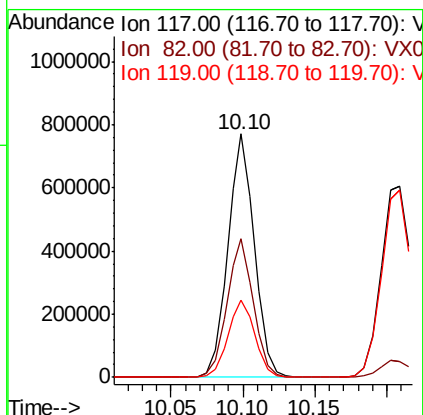
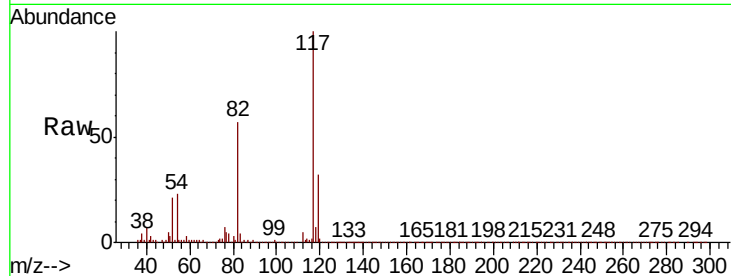




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

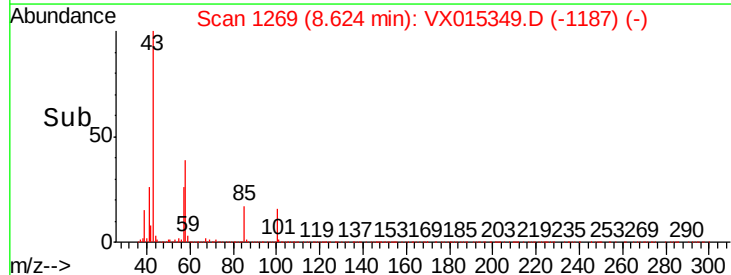
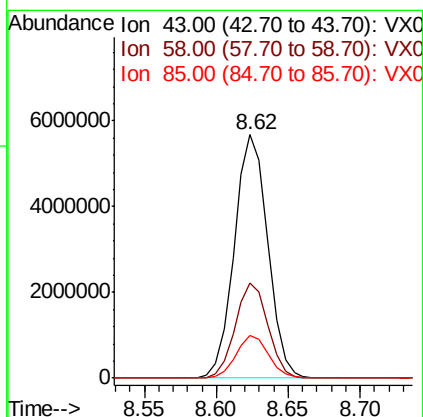
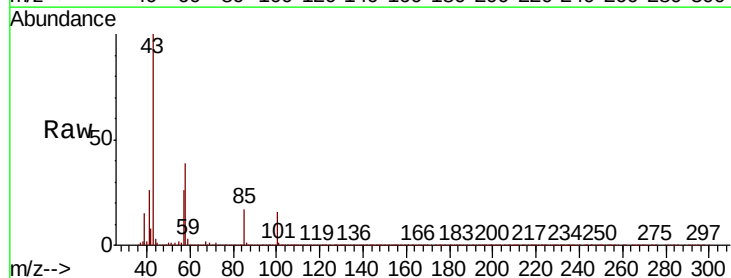
Instrument :
MSVOA_X
ClientSampleId :

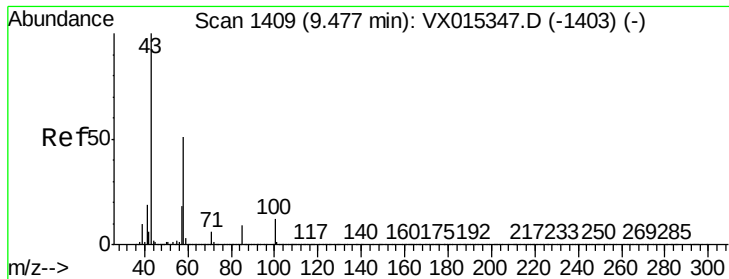
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.0	67.6
119	32.1	25.5	38.3



#58
4-Methyl-2-Pentanone
Concen: 520.031 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.3	29.4	44.0
85	17.1	13.0	19.4

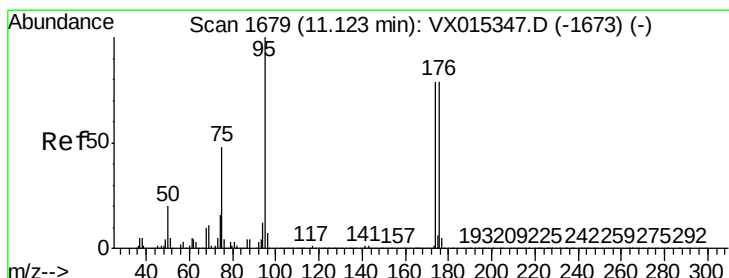
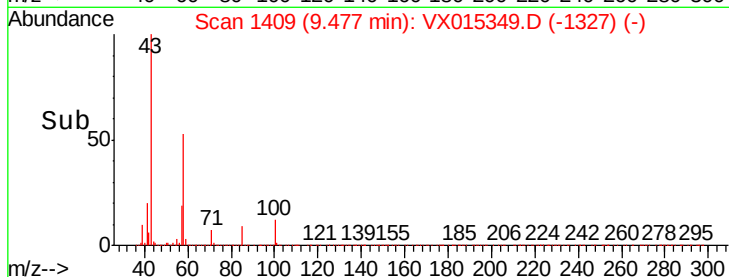
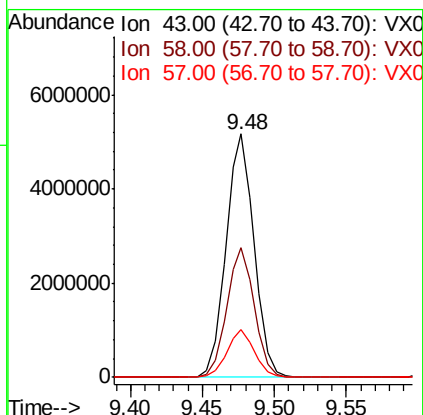
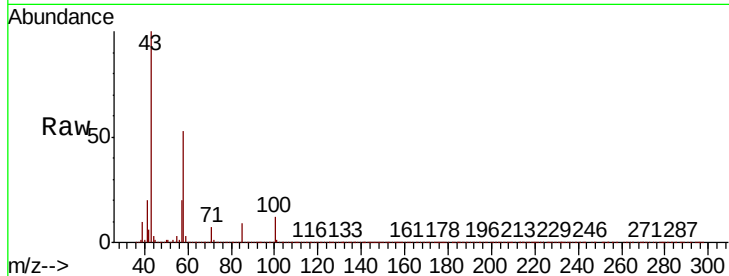




#59
2-Hexanone
Concen: 530.532 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

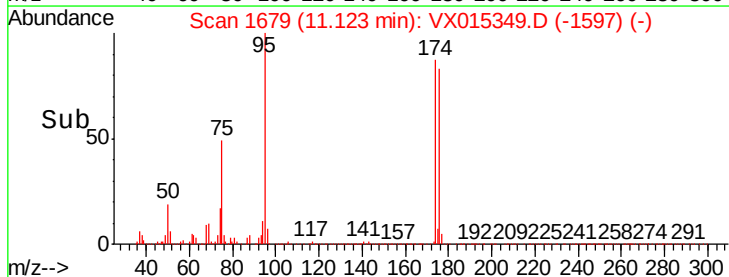
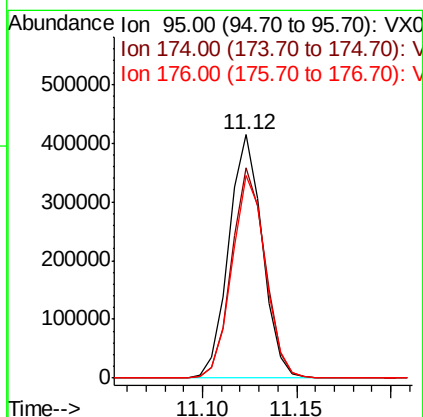
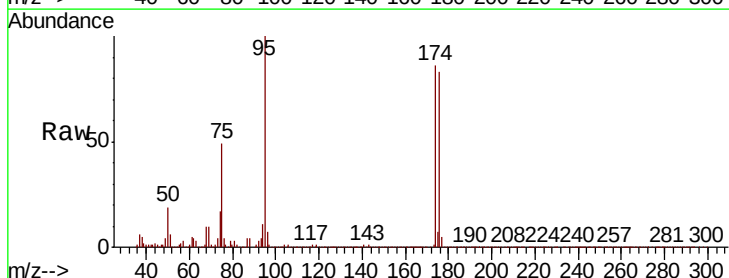
Instrument :
MSVOA_X
ClientSampleId :

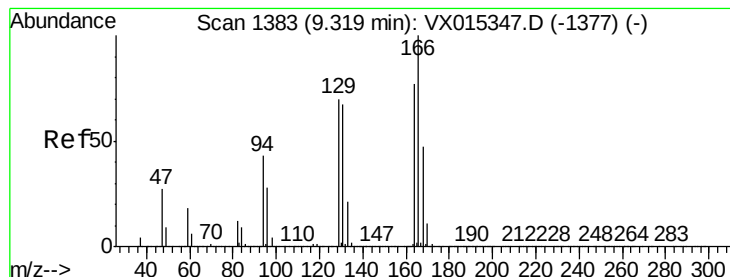
Tot Ion: 43 Resp: 7034793
Ion Ratio Lower Upper
43 100
58 52.5 40.2 60.4
57 19.0 14.6 22.0



#60
4-Bromofluorobenzene
Concen: 31.667 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Tgt Ion: 95 Resp: 508737
Ion Ratio Lower Upper
95 100
174 86.3 66.4 99.6
176 83.8 64.1 96.1





#61

Tetrachloroethene

Concen: 91.246 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:164 Resp: 1244027

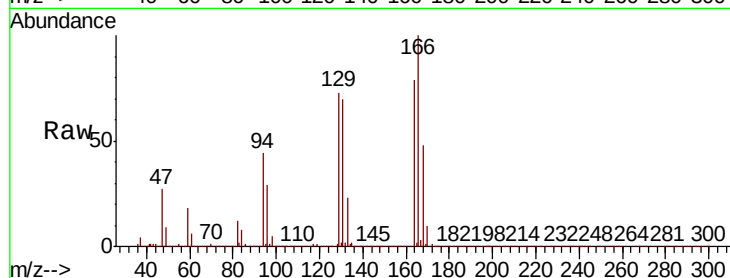
Ion Ratio Lower Upper

164 100

166 127.4 103.6 155.4

129 92.4 72.6 108.8

131 88.9 69.8 104.6

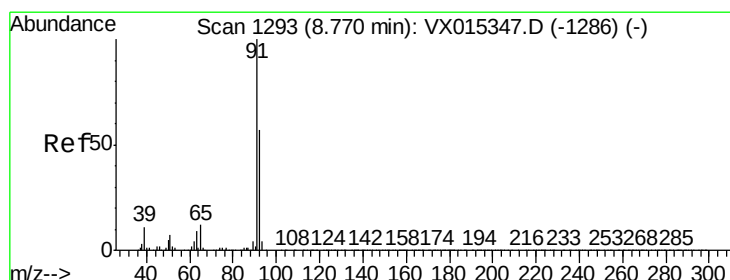
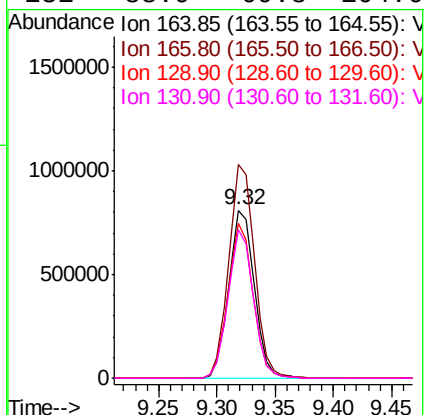
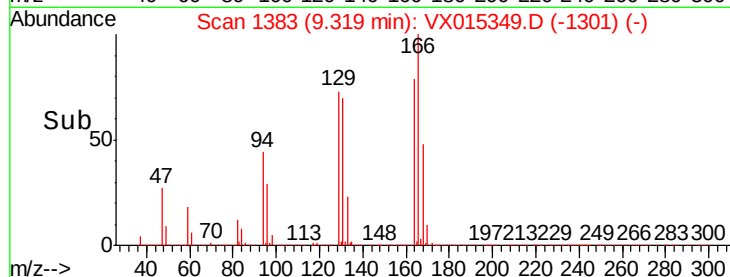


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 95.247 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015349.D

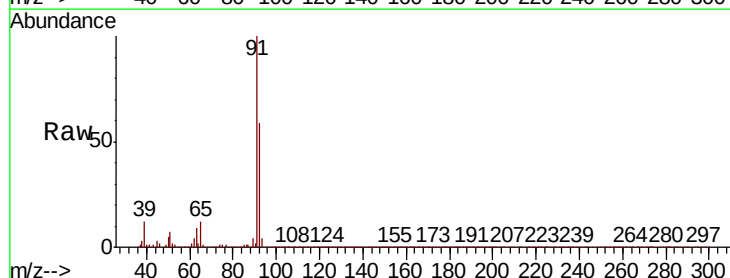
Acq: 25 Mar 2020 19:16

Tgt Ion: 91 Resp: 5001968

Ion Ratio Lower Upper

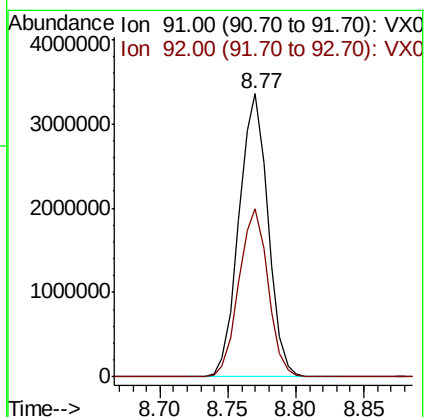
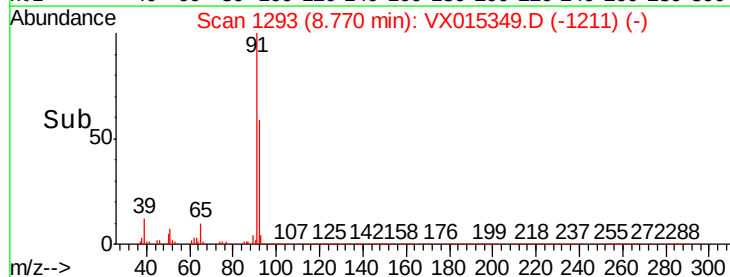
91 100

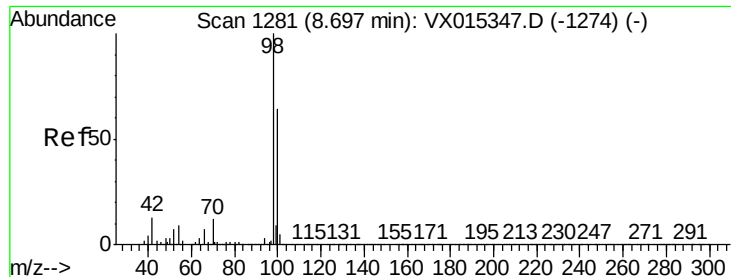
92 59.6 46.7 70.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.162 ug/l

RT: 8.70 min Scan# 1282

Delta R.T. 0.01 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Instrument :

MSVOA_X

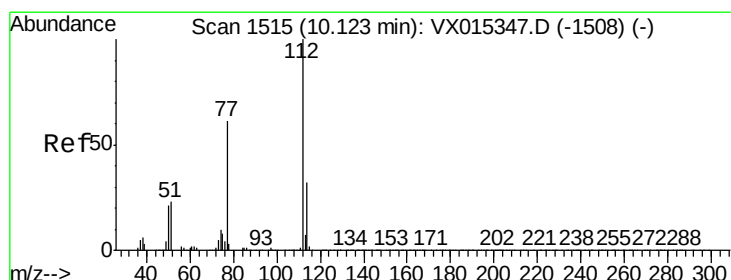
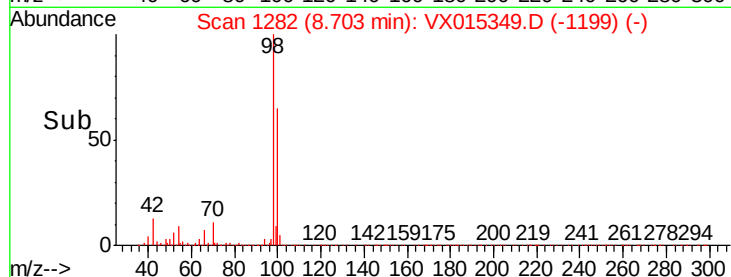
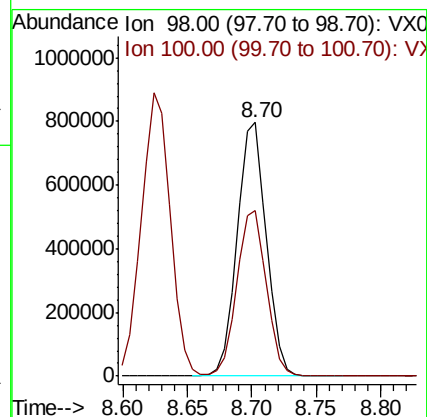
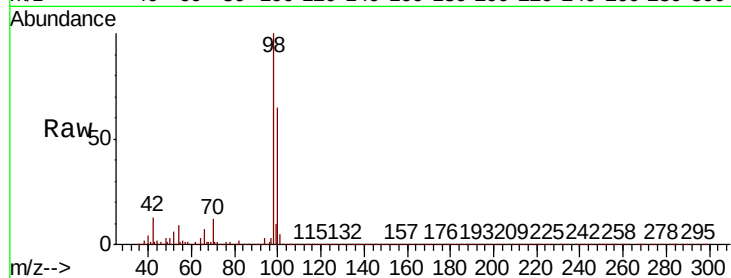
ClientSampleId :

Tot Ion: 98 Resp: 1250699

Ion Ratio Lower Upper

98 100

100 65.9 52.2 78.2



#64

Chlorobenzene

Concen: 97.856 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015349.D

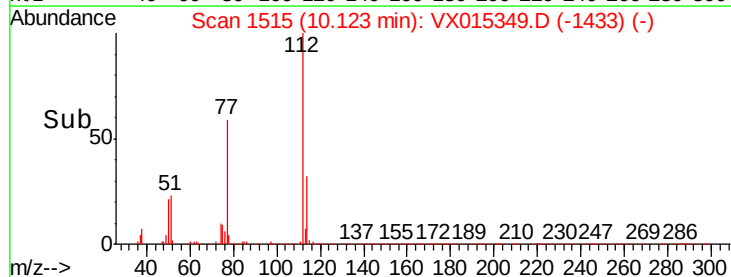
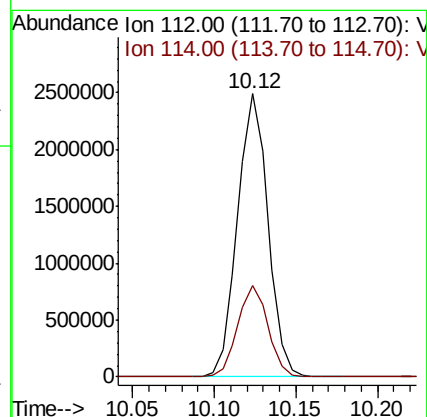
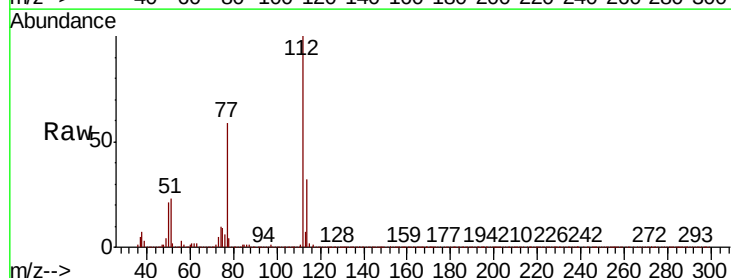
Acq: 25 Mar 2020 19:16

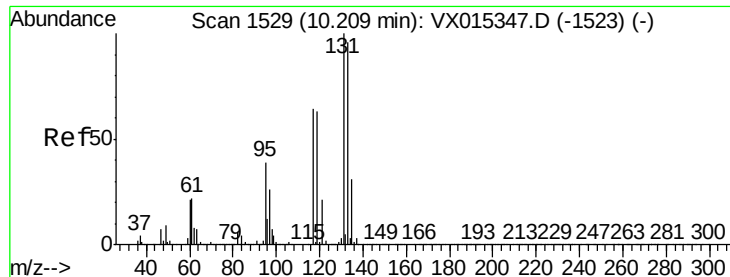
Tgt Ion: 112 Resp: 3243933

Ion Ratio Lower Upper

112 100

114 32.1 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 105.168 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

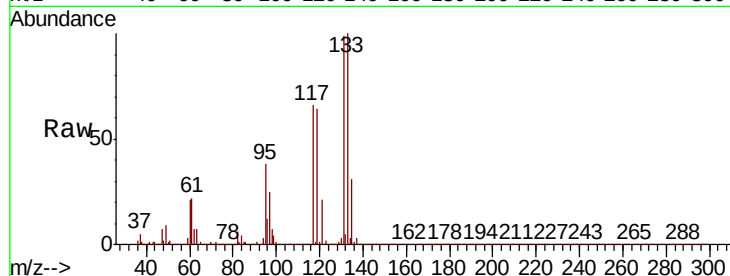
Tot Ion:131 Resp: 1308569

Ion Ratio Lower Upper

131 100

133 96.7 0.0 193.6

119 63.4 0.0 128.0

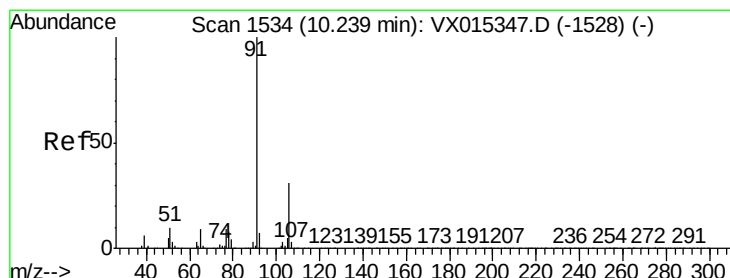
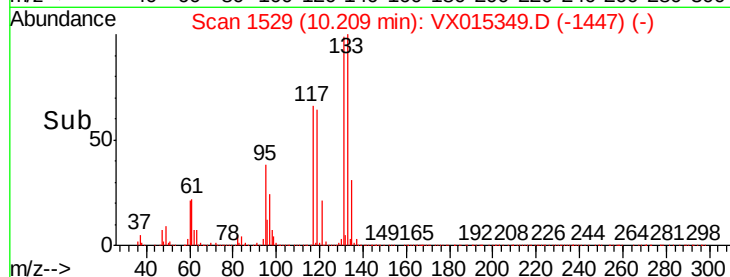
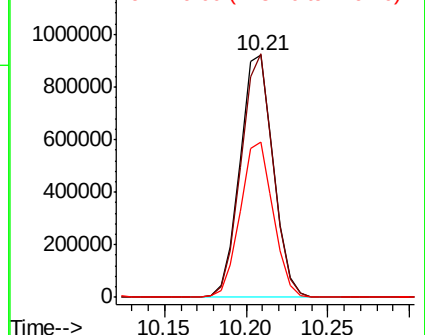


Abundance

Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 97.731 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015349.D

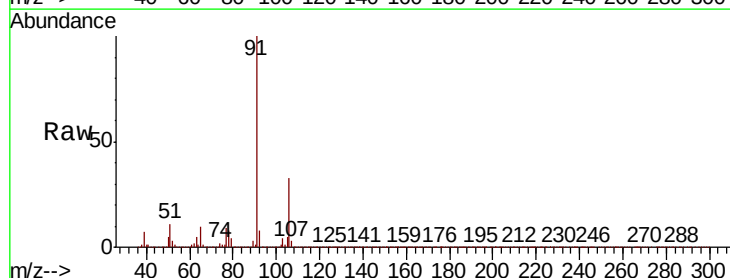
Acq: 25 Mar 2020 19:16

Tgt Ion: 91 Resp: 5706171

Ion Ratio Lower Upper

91 100

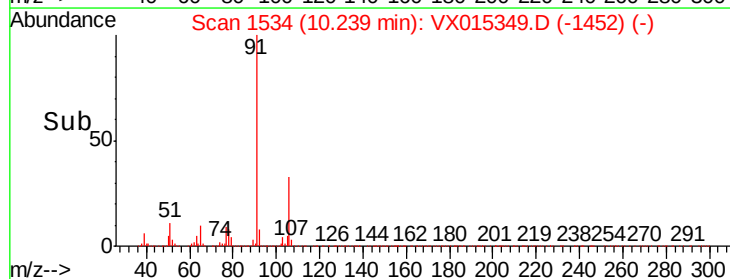
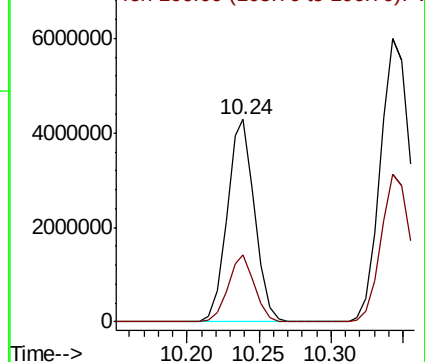
106 32.9 25.0 37.6

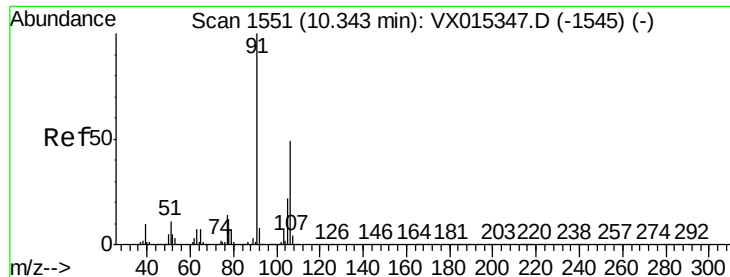


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

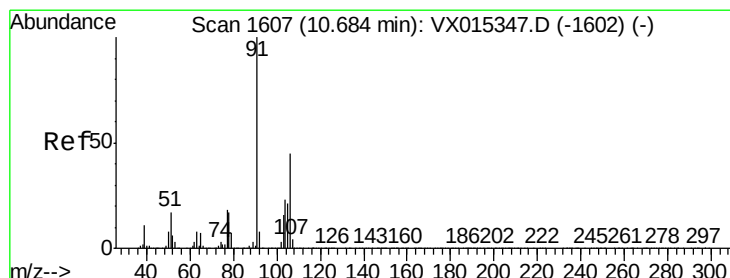
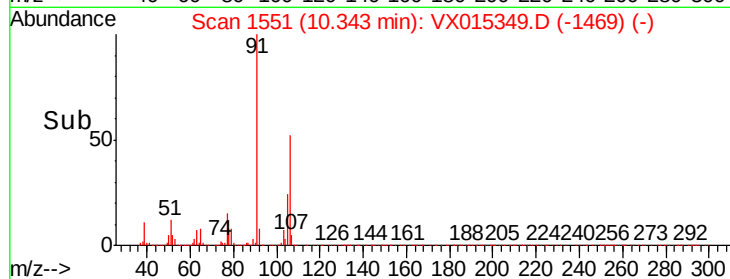
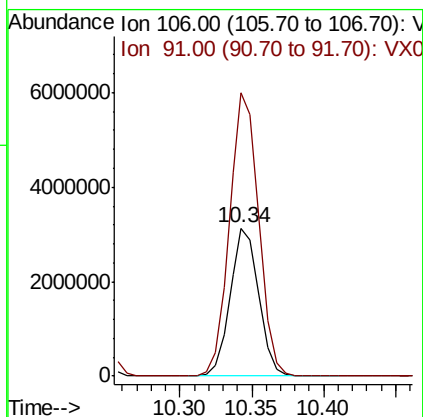
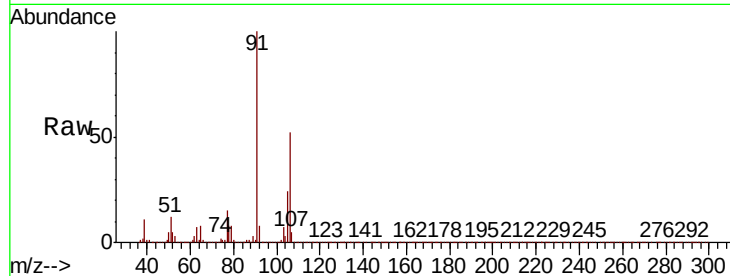




#67
m/p-Xylenes
Concen: 194.095 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

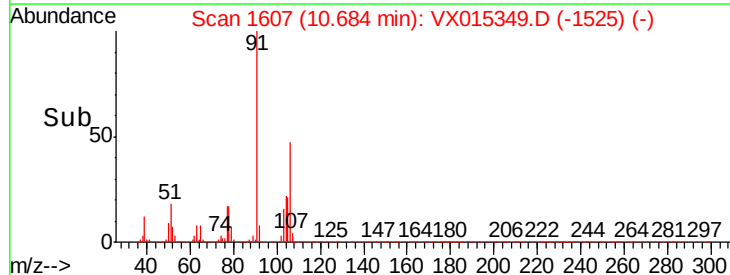
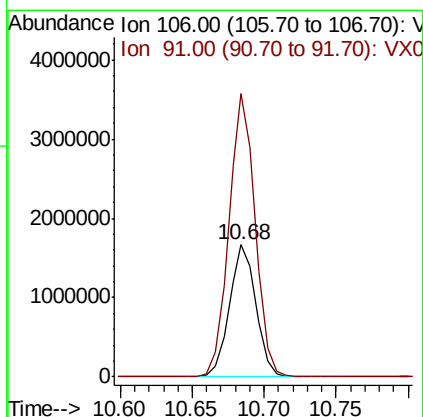
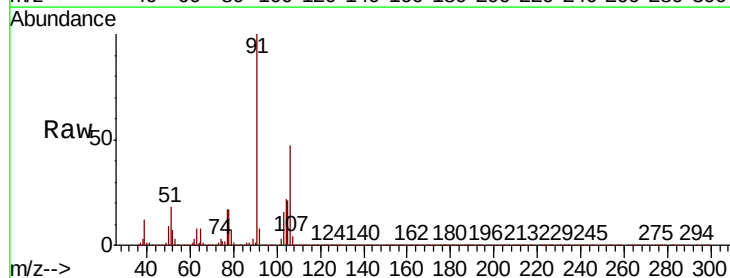
Instrument :
MSVOA_X
ClientSampleId :

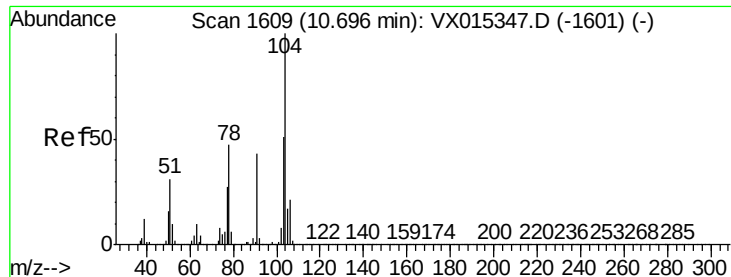
Tot Ion:106 Resp: 4329809
Ion Ratio Lower Upper
106 100
91 196.0 165.0 247.4



#68
o-Xylene
Concen: 99.351 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Tgt Ion:106 Resp: 2136172
Ion Ratio Lower Upper
106 100
91 213.3 109.1 327.2

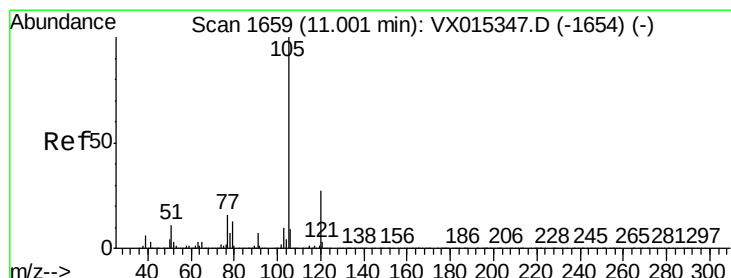
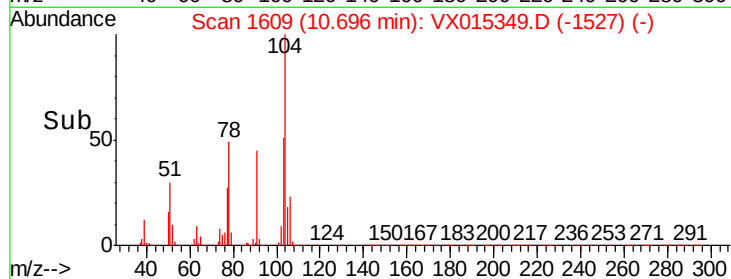
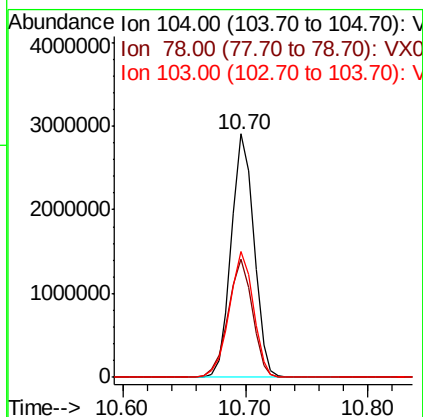
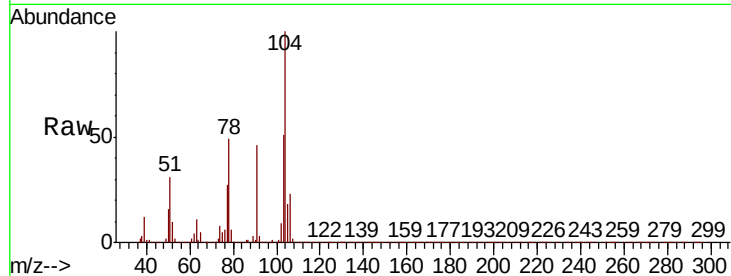




#69
Stvrene
Concen: 99.450 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

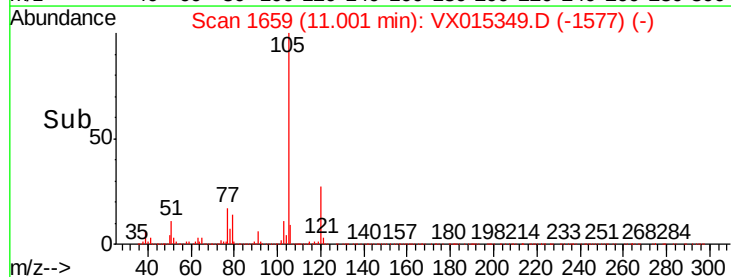
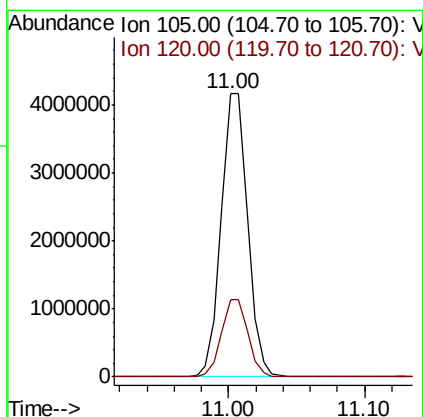
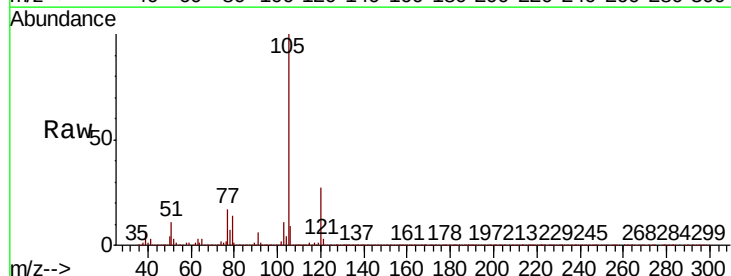
Instrument :
MSVOA_X
ClientSampleId :

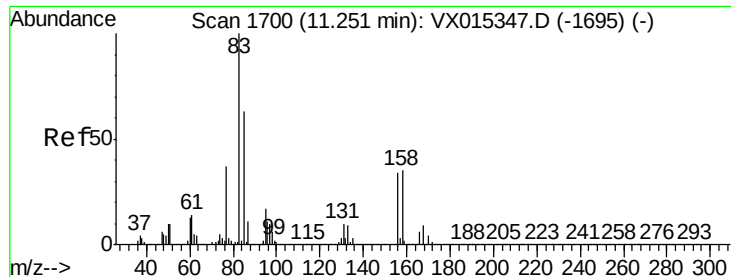
Tot Ion:104 Resp: 3718192
Ion Ratio Lower Upper
104 100
78 52.2 41.5 62.3
103 54.7 43.4 65.2



#70
Isopropylbenzene
Concen: 98.445 ug/l
RT: 11.00 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Tgt Ion:105 Resp: 5619814
Ion Ratio Lower Upper
105 100
120 27.3 18.8 34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 97.766 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

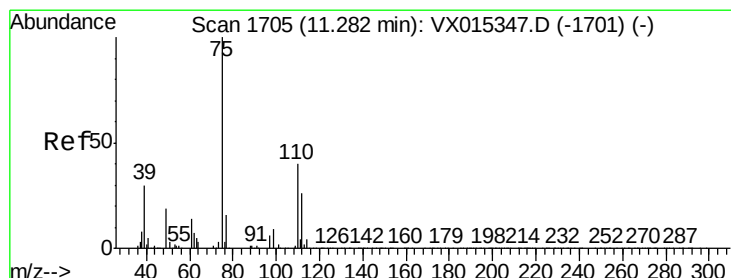
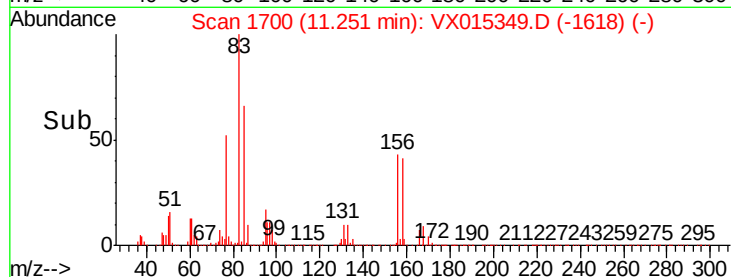
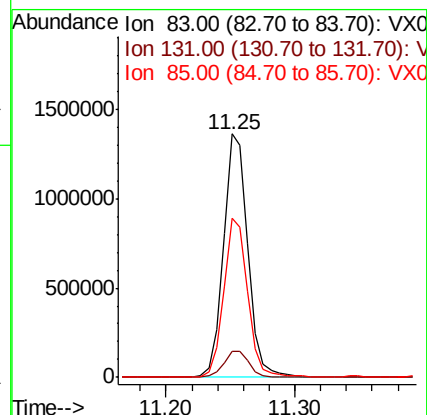
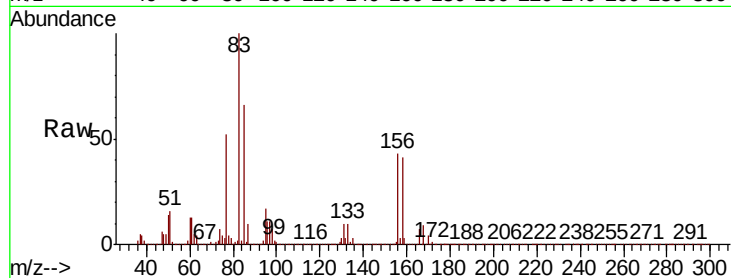
Tot Ion: 83 Resp: 1809638

Ion Ratio Lower Upper

83 100

131 10.8 5.3 15.9

85 64.7 32.0 96.2



#72

1,2,3-Trichloropropane

Concen: 147.744 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015349.D

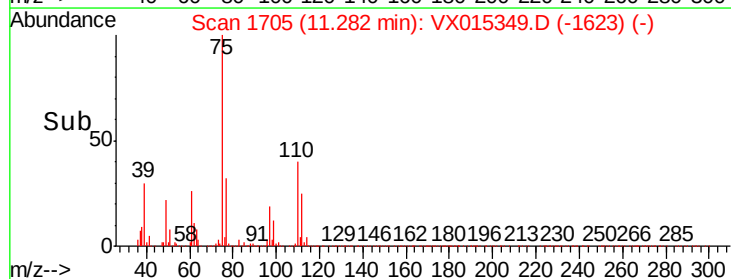
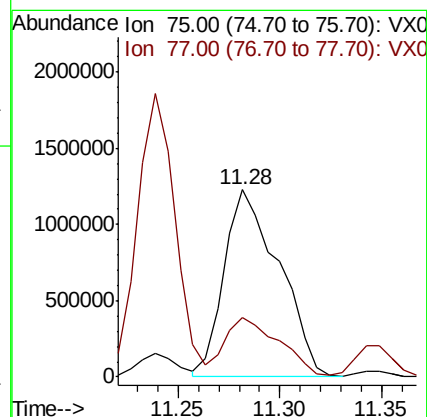
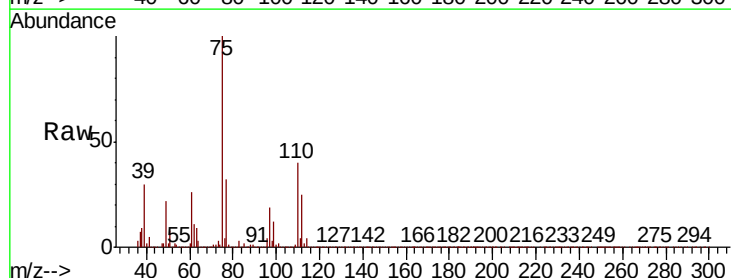
Acq: 25 Mar 2020 19:16

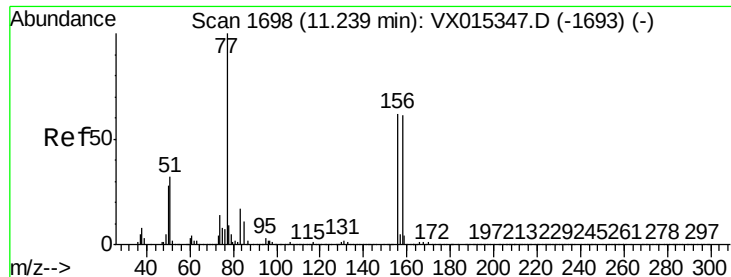
Tgt Ion: 75 Resp: 2296856

Ion Ratio Lower Upper

75 100

77 31.5 0.0 80.0





#73

Bromobenzene

Concen: 99.436 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

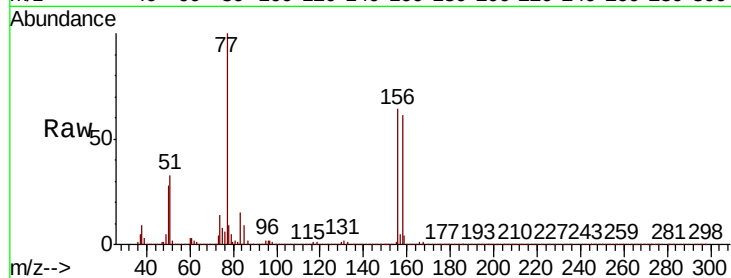
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:156 Resp: 1538679

Ion	Ratio	Lower	Upper
156	100		
77	155.5	0.0	324.4
158	97.8	0.0	200.0

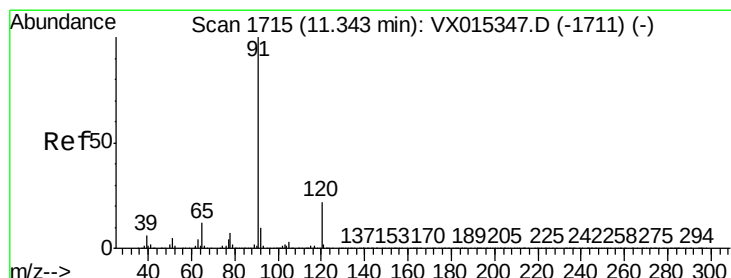
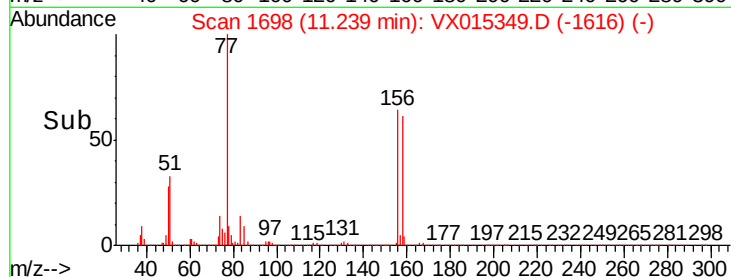
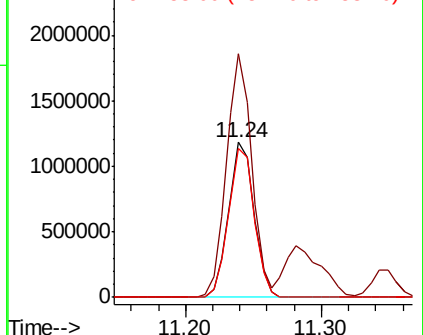


Abundance

Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 95.270 ug/l

RT: 11.35 min Scan# 1716

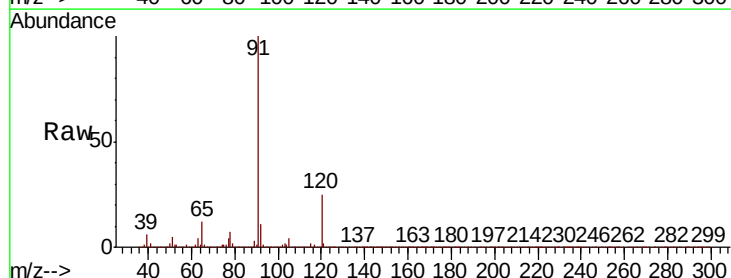
Delta R.T. 0.01 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Tgt Ion: 91 Resp: 6437279

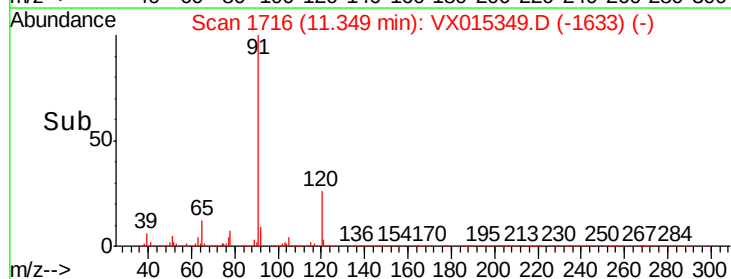
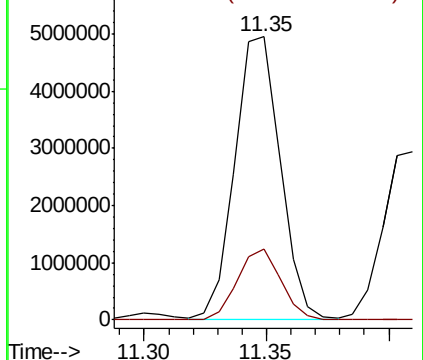
Ion	Ratio	Lower	Upper
91	100		
120	24.0	0.0	46.2

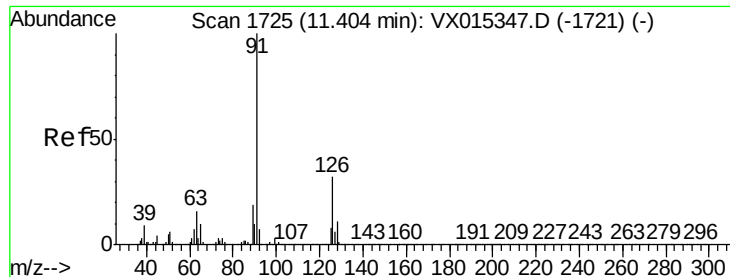


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 98.752 ug/l

RT: 11.41 min Scan# 1726

Delta R.T. 0.01 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Instrument :

MSVOA_X

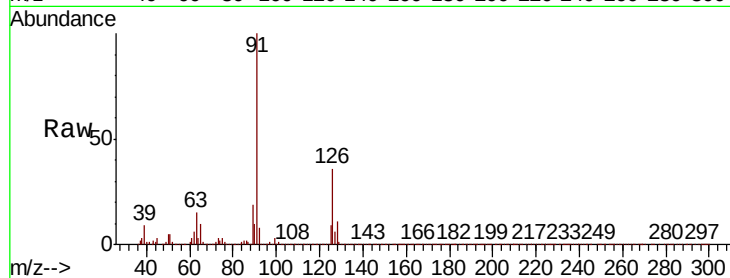
ClientSampleId :

Tot Ion: 91 Resp: 3918128

Ion Ratio Lower Upper

91 100

126 34.1 0.0 65.2



Abundance Ion 91.00 (90.70 to 91.70): VX015349.D (-1721) (-)

Ion 126.00 (125.70 to 126.70): VX015349.D (-1721) (-)

5000000

4000000

3000000

2000000

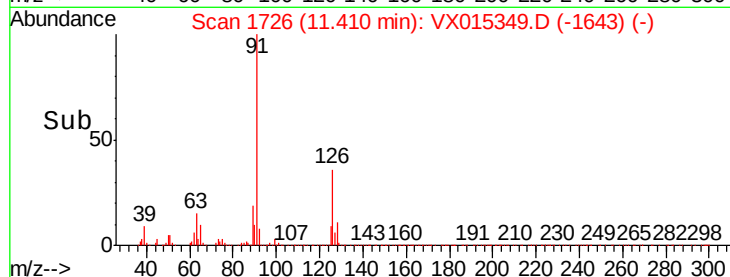
1000000

0

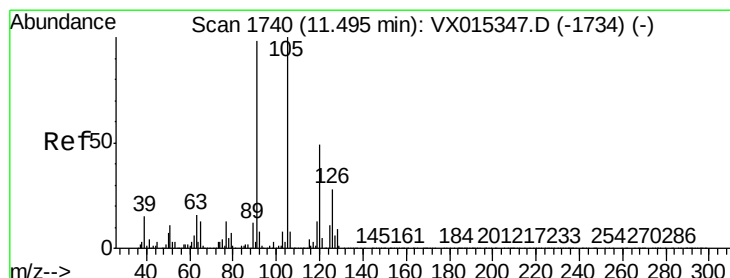
11.35

11.40

11.45



Time-->



#76

1,3,5-Trimethylbenzene

Concen: 98.353 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015349.D

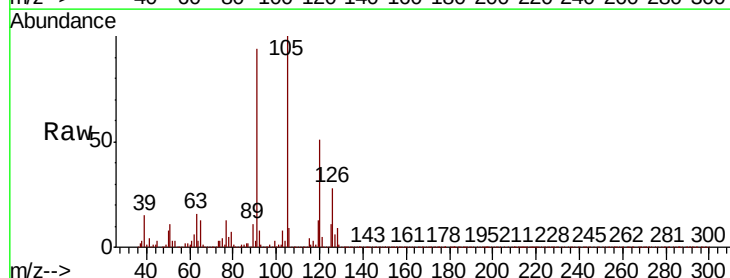
Acq: 25 Mar 2020 19:16

Tgt Ion: 105 Resp: 4821851

Ion Ratio Lower Upper

105 100

120 50.2 0.0 98.0



Abundance Ion 105.00 (104.70 to 105.70): VX015349.D (-1658) (-)

Ion 120.00 (119.70 to 120.70): VX015349.D (-1658) (-)

4000000

3000000

2000000

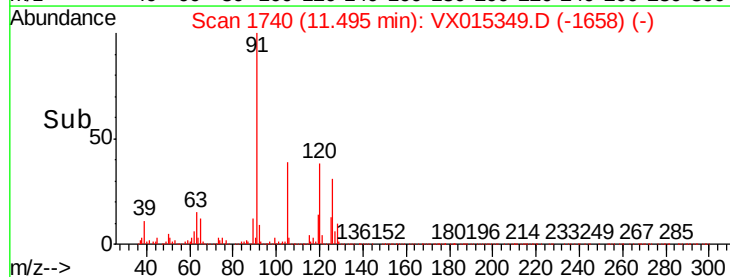
1000000

0

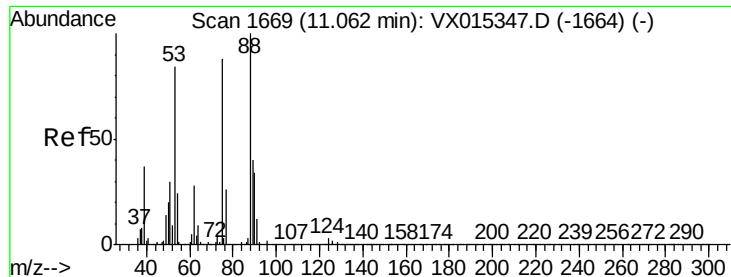
11.45

11.50

11.55



Time-->



#77

t-1,4-Dichloro-2-butene

Concen: 112.558 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

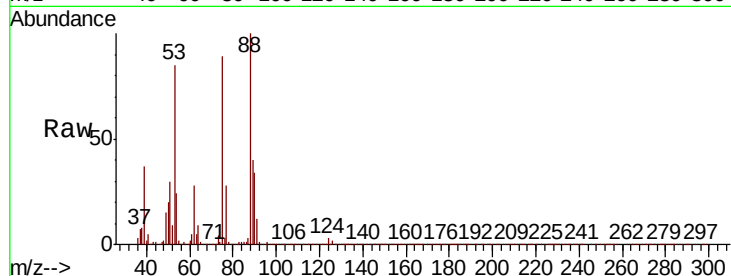
Tot Ion: 75 Resp: 746800

Ion Ratio Lower Upper

75 100

53 95.3 47.5 142.6

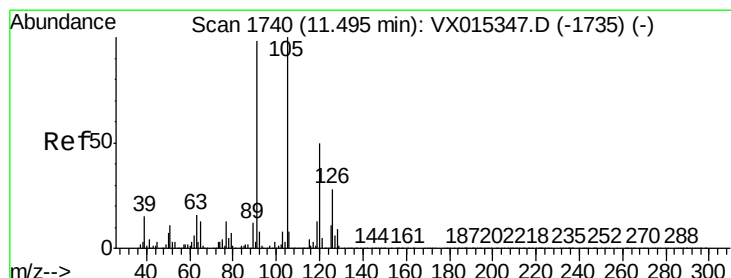
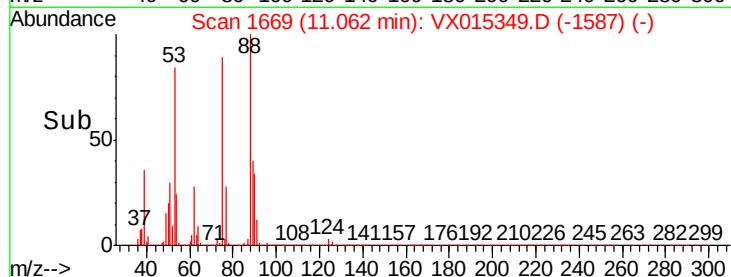
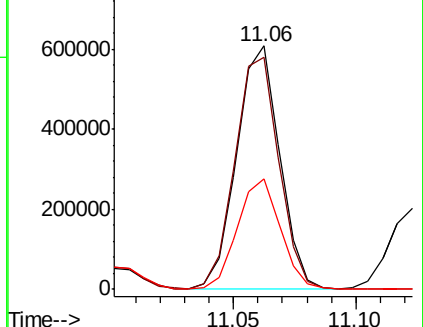
89 45.2 22.8 68.3



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 99.697 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015349.D

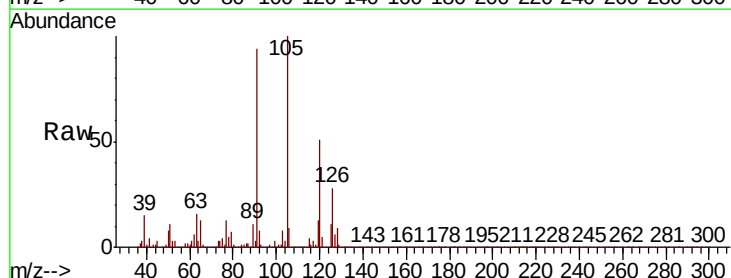
Acq: 25 Mar 2020 19:16

Tgt Ion: 91 Resp: 4548980

Ion Ratio Lower Upper

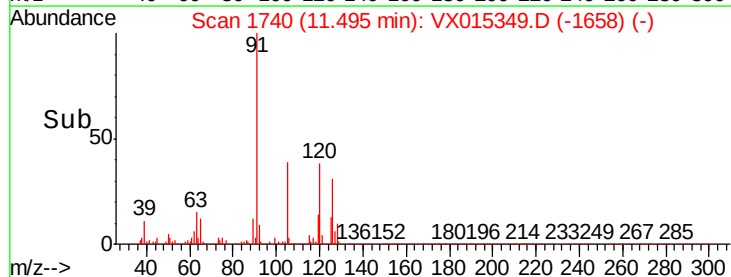
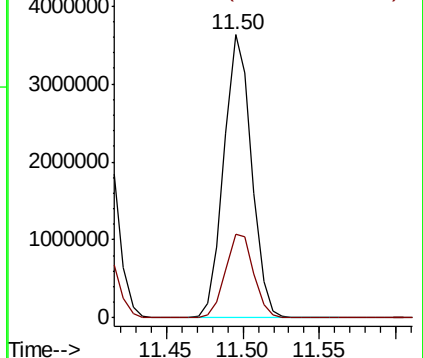
91 100

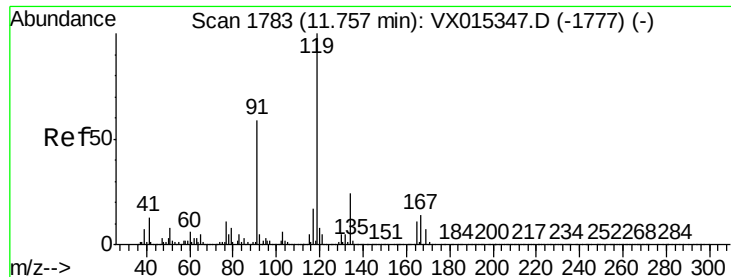
126 30.1 0.0 57.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

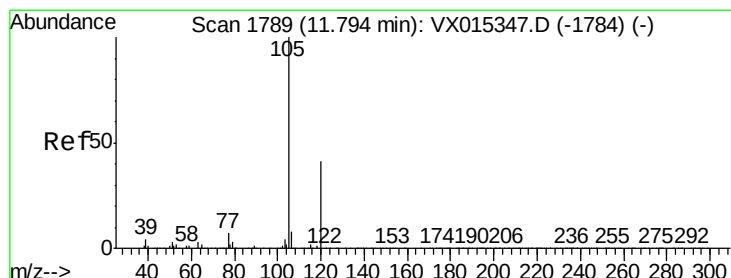
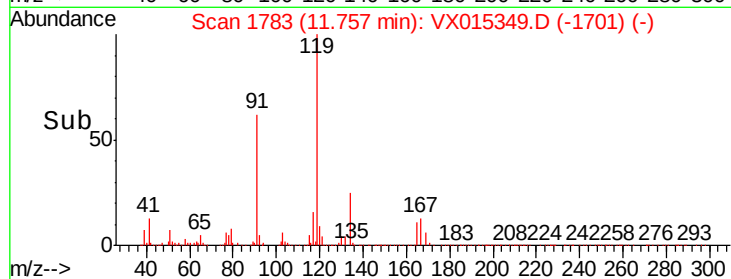
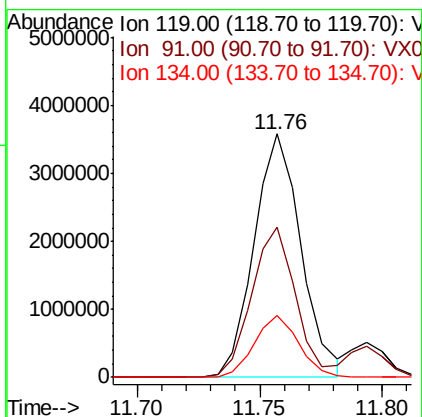
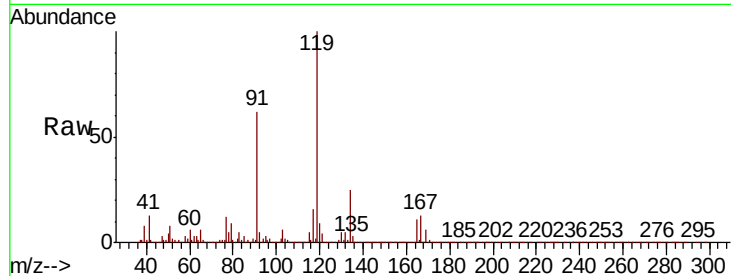




#79
tert-butylbenzene
Concen: 102.522 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

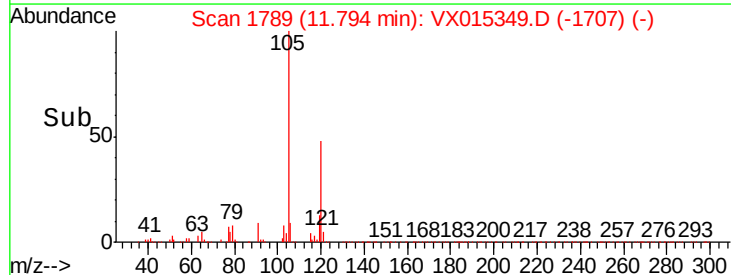
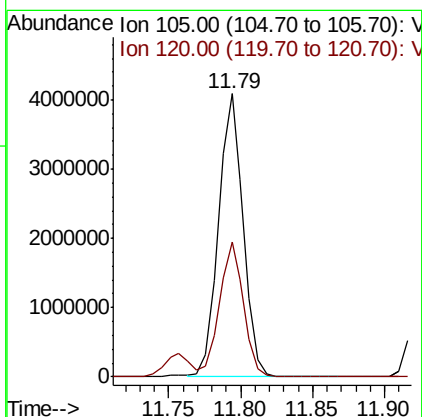
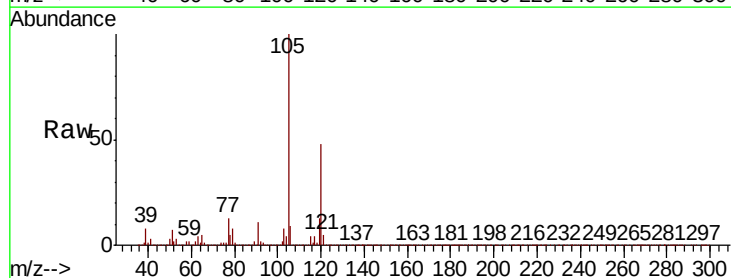
Instrument :
MSVOA_X
ClientSampleId :

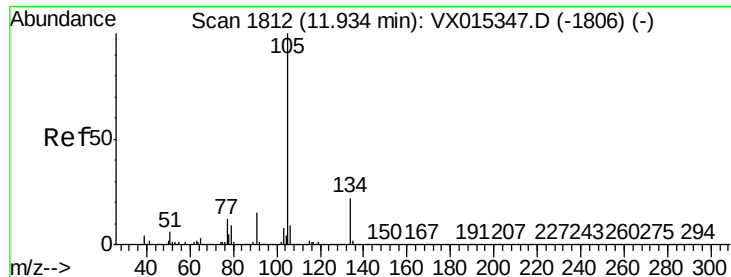
Tot Ion:119 Resp: 4812346
Ion Ratio Lower Upper
119 100
91 57.2 0.0 115.8
134 23.9 0.0 47.0



#80
1,2,4-Trimethylbenzene
Concen: 99.565 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Tgt Ion:105 Resp: 4887962
Ion Ratio Lower Upper
105 100
120 46.6 0.0 91.0

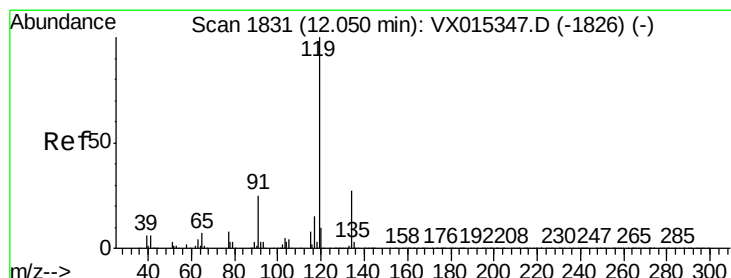
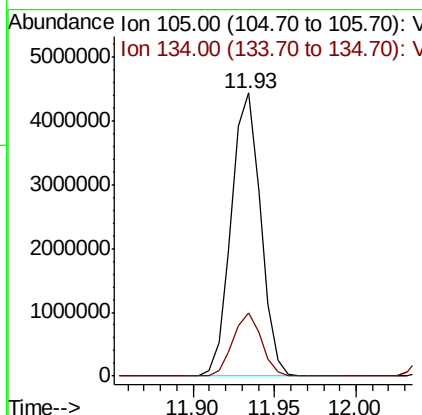
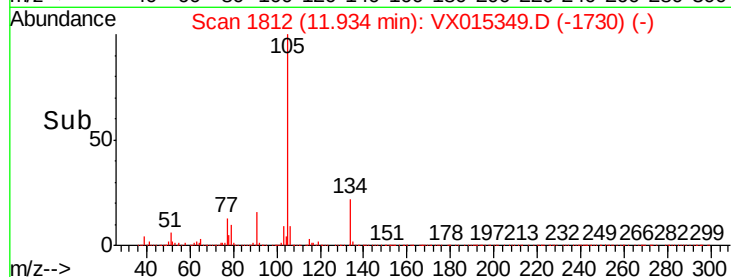
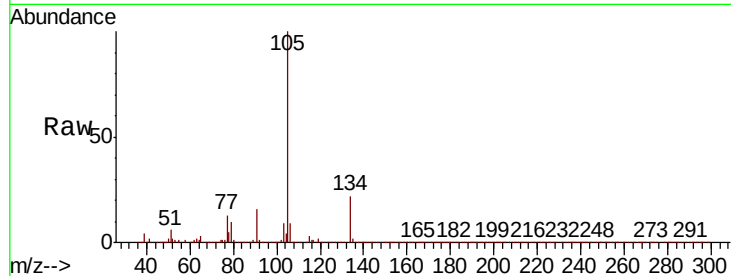




#81
 sec-Butylbenzene
 Concen: 96.912 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VX015349.D
 Acq: 25 Mar 2020 19:16

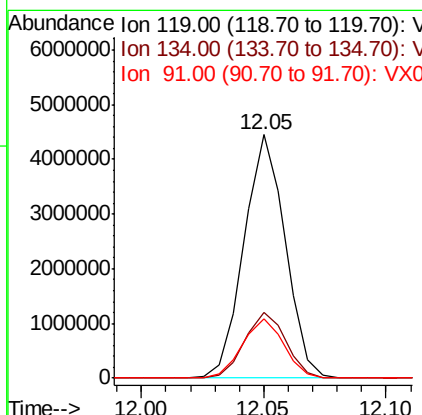
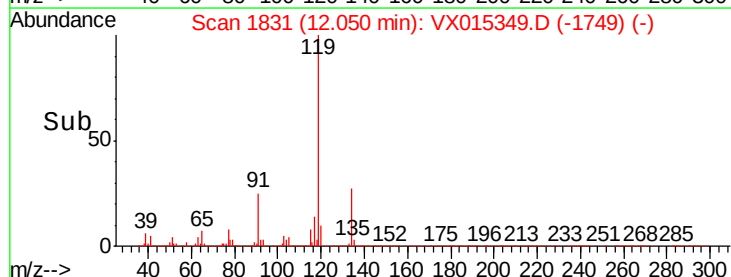
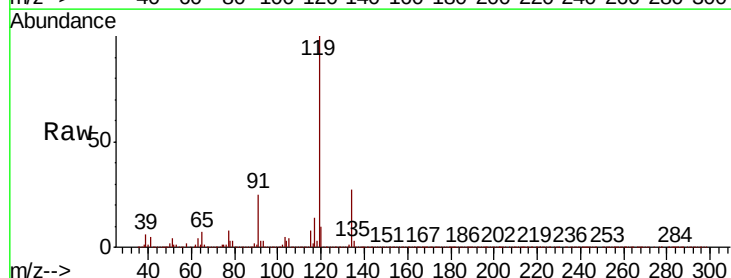
Instrument :
 MSVOA_X
 ClientSampleId :

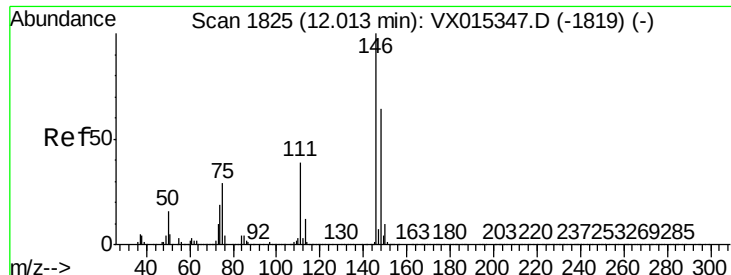
Tot Ion:105 Resp: 5563669
 Ion Ratio Lower Upper
 105 100
 134 21.5 0.0 41.6



#82
 p-Isopropyltoluene
 Concen: 99.375 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: VX015349.D
 Acq: 25 Mar 2020 19:16

Tgt Ion:119 Resp: 5246977
 Ion Ratio Lower Upper
 119 100
 134 27.1 0.0 53.2
 91 24.3 0.0 48.2





#83

1,3-Dichlorobenzene

Concen: 100.090 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

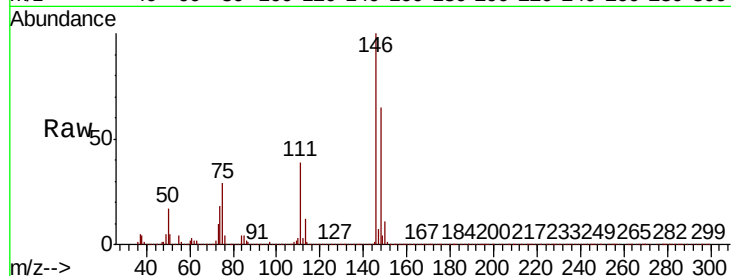
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:146 Resp: 2765879

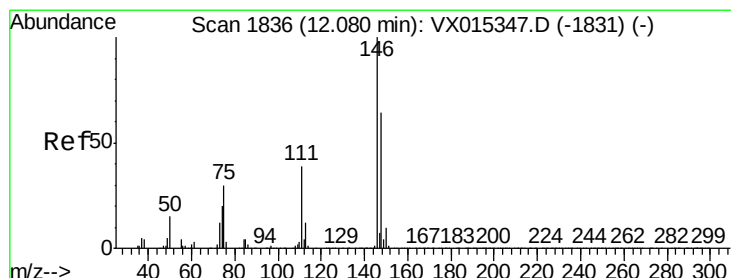
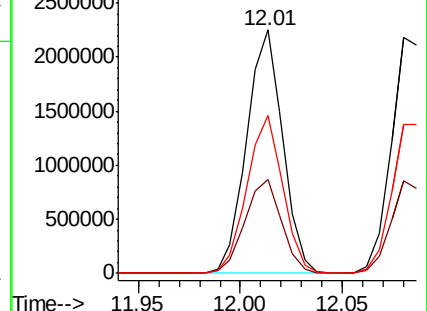
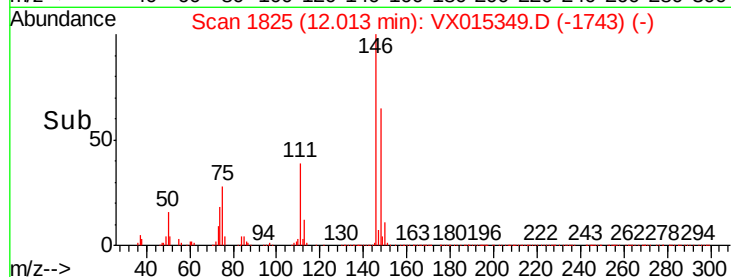
Ion	Ratio	Lower	Upper
146	100		
111	38.9	20.1	60.2
148	64.2	31.4	94.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 100.197 ug/l

RT: 12.08 min Scan# 1836

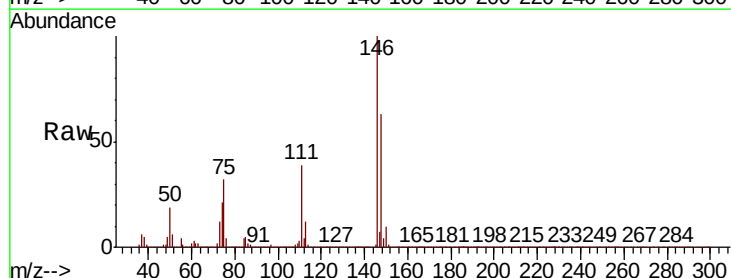
Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Tgt Ion:146 Resp: 2778600

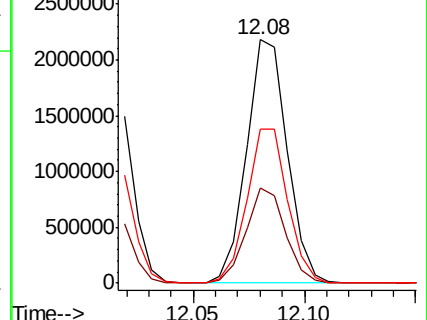
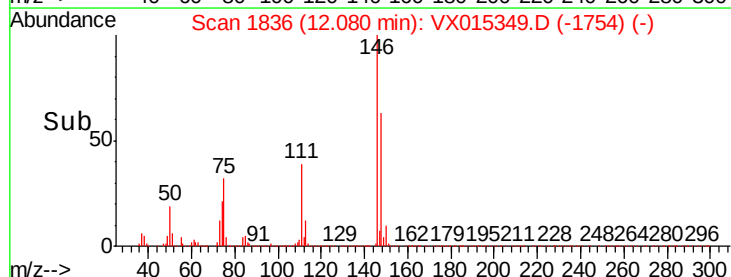
Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.9
148	63.5	31.4	94.3

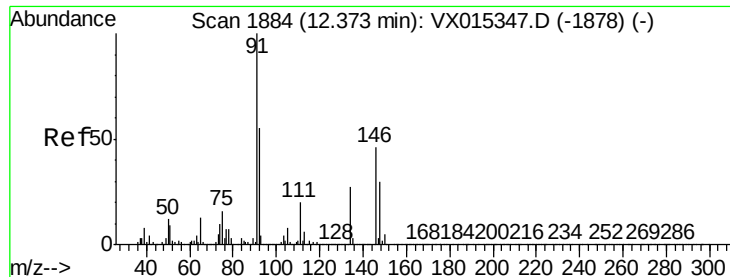


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#85

n-Butylbenzene

Concen: 101.722 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Instrument :

MSVOA_X

ClientSampled :

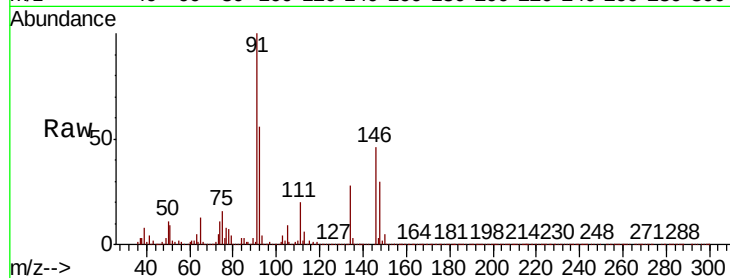
Tot Ion: 91 Resp: 4733191

Ion	Ratio	Lower	Upper
91	100		
92	55.9	0.0	109.0
134	28.2	0.0	54.0

91 100

92 55.9 0.0 109.0

134 28.2 0.0 54.0

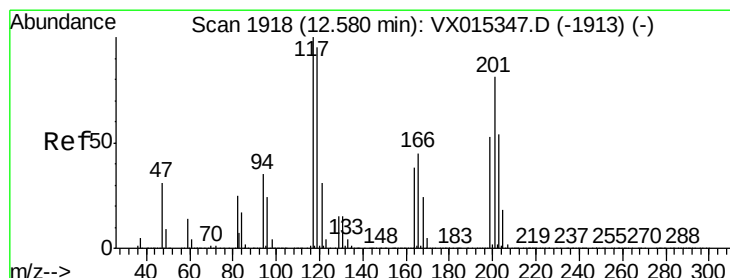
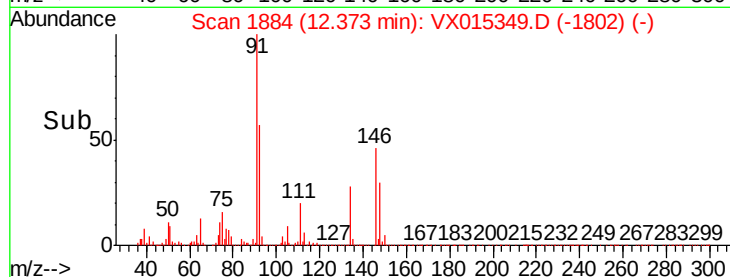
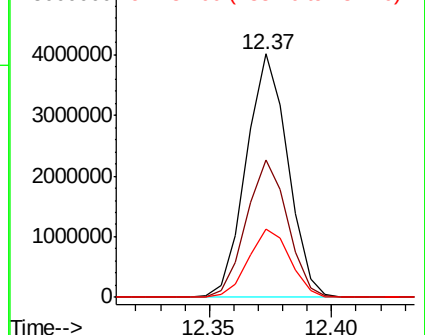


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#86

Hexachloroethane

Concen: 109.154 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VX015349.D

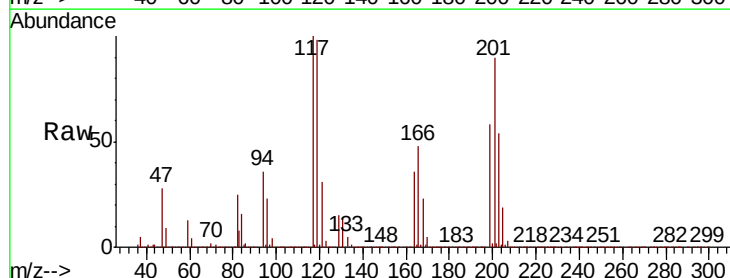
Acq: 25 Mar 2020 19:16

Tgt Ion: 117 Resp: 1029853

Ion	Ratio	Lower	Upper
117	100		
201	95.5	44.9	134.5

117 100

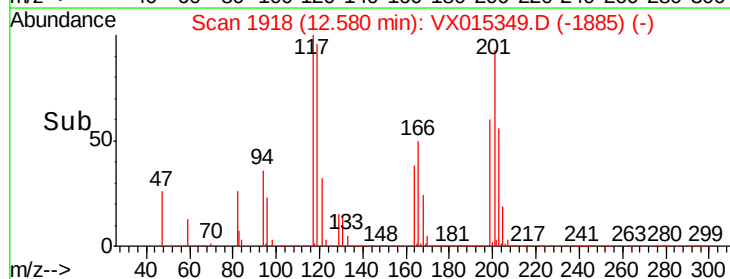
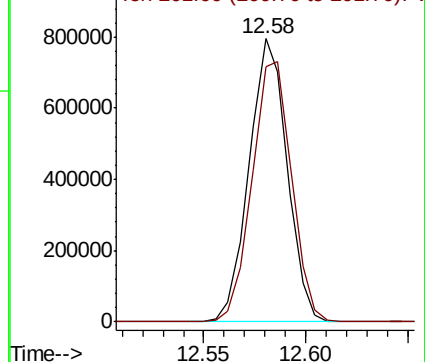
201 95.5 44.9 134.5

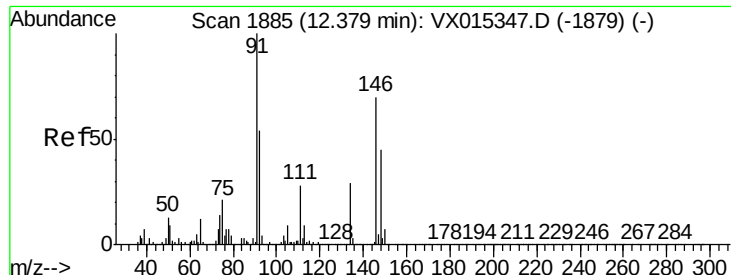


Abundance

Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V





#87

1,2-Dichlorobenzene

Concen: 99.184 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

Instrument :

MSVOA_X

ClientSampleId :

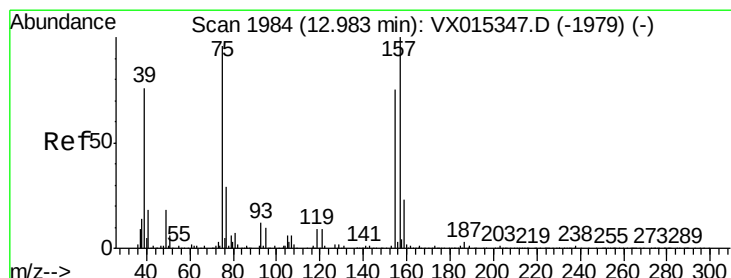
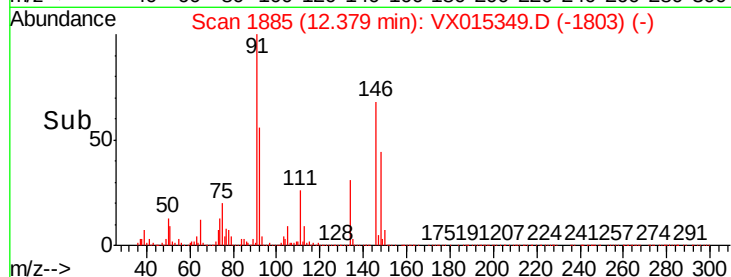
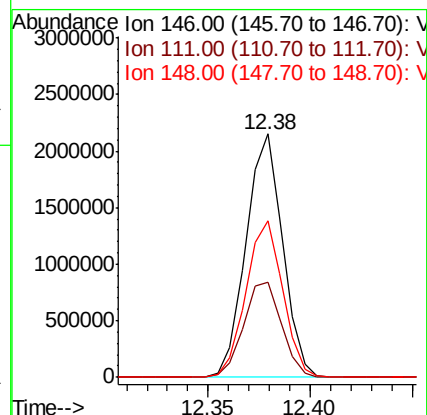
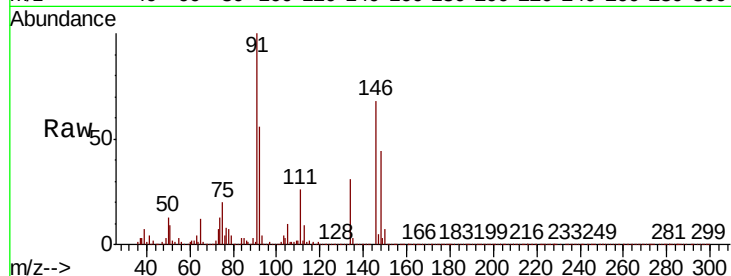
Tot Ion:146 Resp: 2679032

Ion Ratio Lower Upper

146 100

111 40.8 20.4 61.2

148 64.7 31.9 95.9



#88

1,2-Dibromo-3-Chloropropane

Concen: 119.221 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VX015349.D

Acq: 25 Mar 2020 19:16

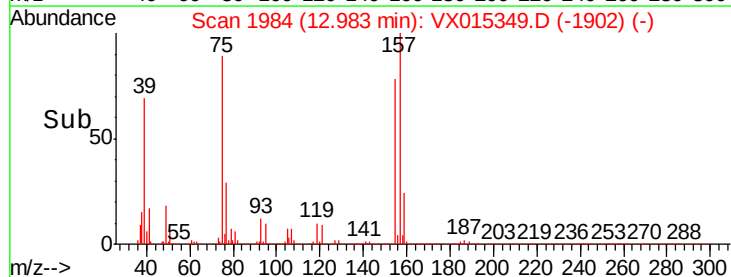
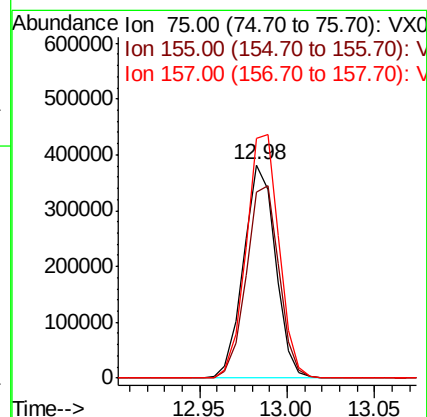
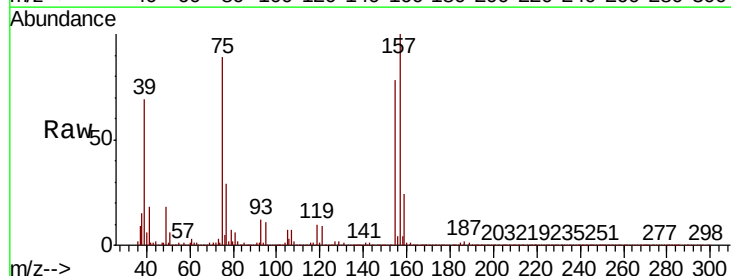
Tgt Ion: 75 Resp: 486146

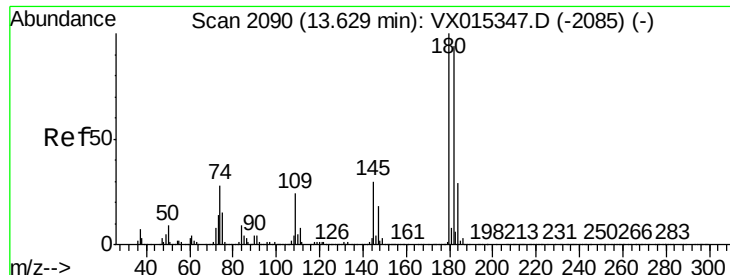
Ion Ratio Lower Upper

75 100

155 91.8 67.7 101.5

157 117.1 88.5 132.7

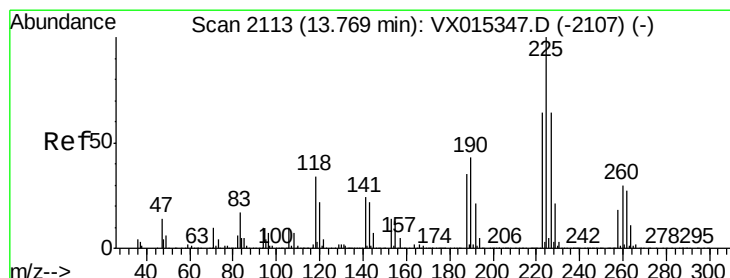
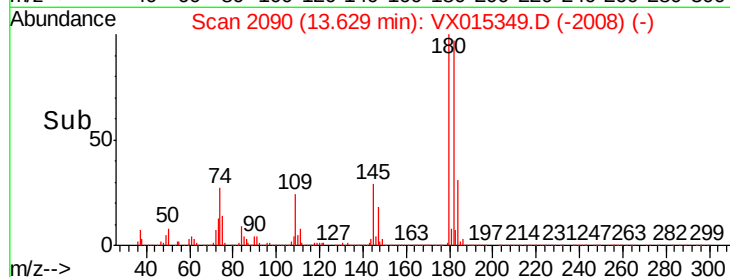
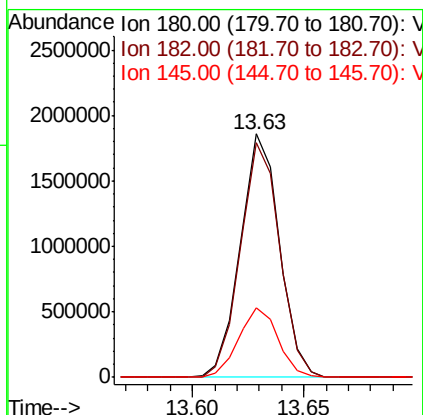
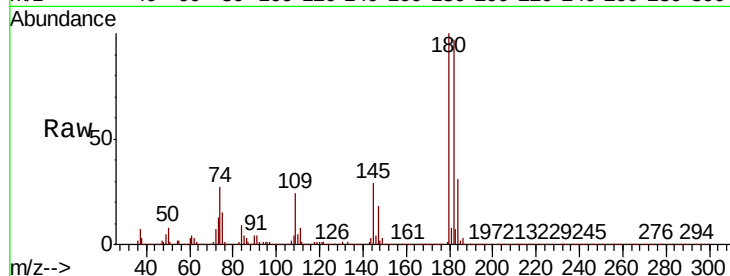




#89
 1,2,4-Trichlorobenzene
 Concen: 112.569 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015349.D
 Acq: 25 Mar 2020 19:16

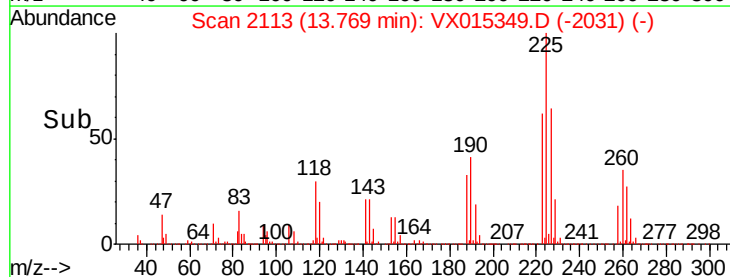
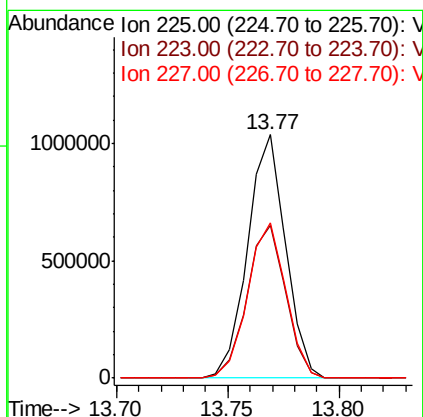
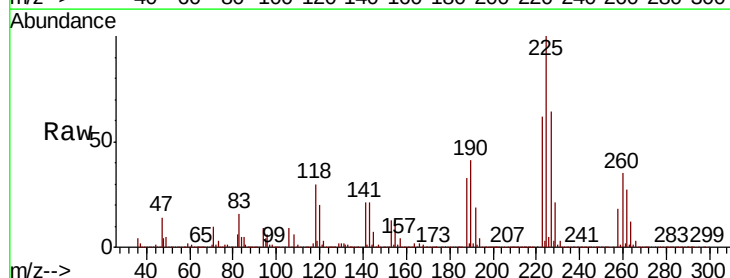
Instrument :
 MSVOA_X
 ClientSampled :

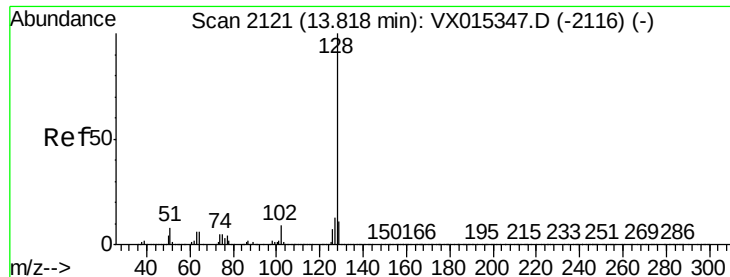
Tot Ion:180 Resp: 2274103
 Ion Ratio Lower Upper
 180 100
 182 97.2 76.9 115.3
 145 28.9 24.3 36.5



#90
 Hexachlorobutadiene
 Concen: 119.810 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015349.D
 Acq: 25 Mar 2020 19:16

Tgt Ion:225 Resp: 1236113
 Ion Ratio Lower Upper
 225 100
 223 63.7 0.0 127.0
 227 64.2 0.0 126.8

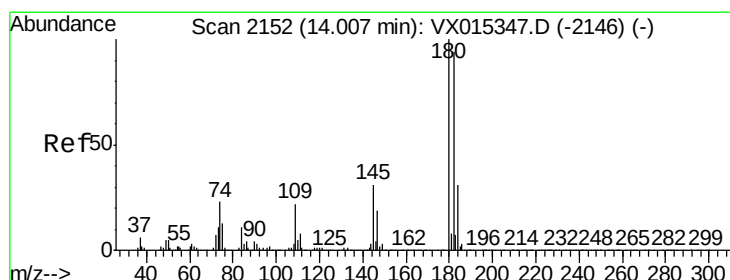
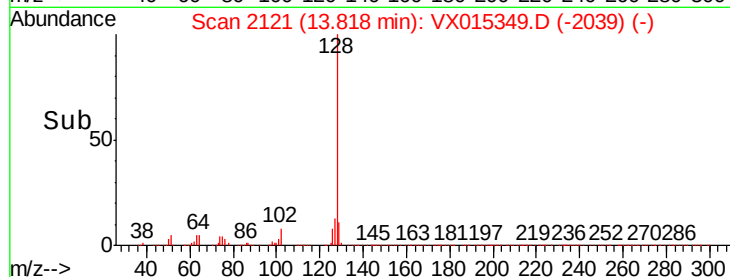
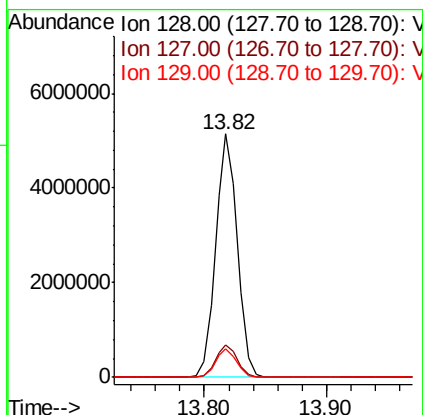
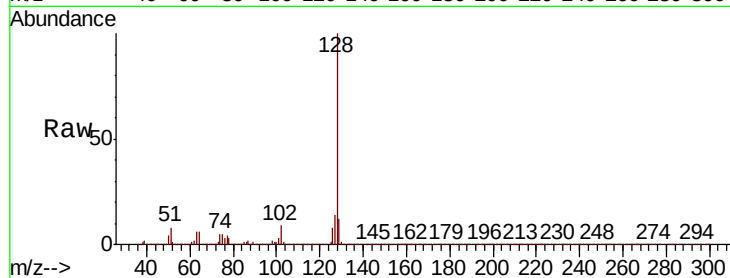




#91
Naphthalene
Concen: 110.507 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 6323362
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.3 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 111.054 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.00 min
Lab File: VX015349.D
Acq: 25 Mar 2020 19:16

Tgt Ion:180 Resp: 2258811
Ion Ratio Lower Upper
180 100
182 94.5 0.0 191.0
145 30.1 0.0 62.2

