

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032520\
 Data File : VX015350.D
 Acq On : 25 Mar 2020 19:39
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 26 02:18:10 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	4.99	128	184315	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	1068380	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	1003203	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	431285	33.87	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	112.90%
60) 4-Bromofluorobenzene	11.12	95	513693	31.60	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	105.33%
63) Toluene-d8	8.70	98	1232685	28.40	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	94.67%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	1302129	143.452	ug/l 99
3) Chloromethane	1.31	50	1680704	133.359	ug/l 98
4) Vinyl Chloride	1.39	62	1604416	125.470	ug/l 99
5) Bromomethane	1.62	94	627270	74.713	ug/l 97
6) Chloroethane	1.70	64	971571	120.664	ug/l 98
7) Trichlorofluoromethane	1.91	101	2247490	135.068	ug/l 96
8) Diethyl Ether	2.17	74	891578	123.809	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	1489111	143.157	ug/l 98
10) 1,1-Dichloroethene	2.35	96	1500966	143.060	ug/l 98
11) Methyl Iodide	2.49	142	2407906	207.985	ug/l 99
12) Methyl Acetate	2.75	43	2191991	162.363	ug/l 98
13) Acrolein	2.27	56	1556991	756.365	ug/l 95
14) Acrylonitrile	3.12	53	4721315	760.804	ug/l 99
15) Acetone	2.42	58	1201066	701.558	ug/l 97
16) Carbon Disulfide	2.55	76	4452501	147.819	ug/l 100
17) Allyl chloride	2.70	41	3358727	164.011	ug/l 98
18) Methylene Chloride	2.83	84	1700905	142.026	ug/l 99
19) trans-1,2-Dichloroethene	3.14	96	1644015	142.748	ug/l 98
20) Diisopropyl ether	3.83	45	6020680	150.916	ug/l # 87
21) 1,1-Dichloroethane	3.67	63	3167829	151.028	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	1923165	148.834	ug/l 98
23) tert-Butyl Alcohol	2.75	59	175319	68.269	ug/l 100
24) Methyl tert-Butyl Ether	3.17	73	5560948	157.459	ug/l 99
25) Chloroform	5.19	83	3104342	156.342	ug/l 99
26) Cyclohexane	5.55	56	2964821	152.358	ug/l # 99
29) 1,1-Dichloropropene	5.77	75	2406466	147.696	ug/l 100
30) 2-Butanone	4.64	43	7037096	787.709	ug/l 100
31) 2,2-Dichloropropane	4.55	77	2818226	161.213	ug/l 99
32) 1,1,1-Trichloroethane	5.47	97	2913928	160.599	ug/l 99
33) Carbon Tetrachloride	5.76	117	2657816	168.658	ug/l 98
34) Benzene	6.12	78	6874517	140.796	ug/l 99
35) Methacrylonitrile	5.01	41	1664118	169.066	ug/l 96
36) 1,2-Dichloroethane	6.17	62	2692374	160.358	ug/l 99
37) Trichloroethene	7.19	130	1985688	145.426	ug/l 99
38) Methylcyclohexane	7.44	83	2978319	148.205	ug/l 99
39) 1,2-Dichloropropane	7.50	63	1866507	145.642	ug/l 96
40) Dibromomethane	7.64	93	1233678	150.563	ug/l 96

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 26 02:18:10 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	2677802	161.049	ug/l	100
42) Vinyl Acetate	3.78	43	24494865	688.423	ug/l	97
43) Ethyl Acetate	4.80	43	2824612	163.344	ug/l	99
44) Isopropyl Acetate	6.42	43	5007111	171.418	ug/l	99
45) 1,4-Dioxane	7.72	88	934797	3248.514	ug/l	98
46) Methyl methacrylate	7.75	41	2511559	172.605	ug/l	98
47) n-amyl Acetate	10.89	43	4522219	173.913	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	3172608	173.168	ug/l	98
49) cis-1,3-Dichloropropene	8.42	75	3214940	158.474	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	1782479	147.822	ug/l	99
51) Ethyl methacrylate	9.16	69	3125242	162.863	ug/l	97
52) 1,3-Dichloropropane	9.36	76	3070020	149.607	ug/l	99
53) Dibromochloromethane	9.57	129	2249320	169.425	ug/l	100
54) 1,2-Dibromoethane	9.66	107	1941682	154.962	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	6961039	727.312	ug/l	99
56) Bromoform	10.84	173	1939730	186.099	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	12934578	727.736	ug/l	95
59) 2-Hexanone	9.48	43	10157998	756.983	ug/l	95
61) Tetrachloroethene	9.32	164	1905365	138.096	ug/l	97
62) Toluene	8.77	91	7295593	137.275	ug/l	98
64) Chlorobenzene	10.12	112	4857693	144.799	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	2039184	161.943	ug/l	98
66) Ethyl Benzene	10.24	91	8345270	141.236	ug/l	94
67) m/p-Xylenes	10.34	106	6421288	284.437	ug/l	88
68) o-Xylene	10.68	106	3162155	145.324	ug/l	93
69) Styrene	10.70	104	5496066	145.259	ug/l	100
70) Isopropylbenzene	11.01	105	8137353	140.855	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.26	83	2769344	147.840	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	3516483	223.513	ug/l	87
73) Bromobenzene	11.24	156	2363088	150.901	ug/l	94
74) n-propylbenzene	11.35	91	9294450	135.924	ug/l	96
75) 2-Chlorotoluene	11.41	91	5821958	144.996	ug/l	96
76) 1,3,5-Trimethylbenzene	11.50	105	7016611	141.423	ug/l	96
77) t-1,4-Dichloro-2-butene	11.06	75	1139888	169.767	ug/l	99
78) 4-Chlorotoluene	11.50	91	6717643	145.480	ug/l	97
79) tert-butylbenzene	11.76	119	7233629	152.277	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	7132494	143.562	ug/l	96
81) sec-Butylbenzene	11.93	105	8111555	139.616	ug/l	97
82) p-Isopropyltoluene	12.05	119	7763404	145.290	ug/l	98
83) 1,3-Dichlorobenzene	12.01	146	4267863	152.611	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	4282319	152.590	ug/l	98
85) n-Butylbenzene	12.37	91	6992997	148.505	ug/l	96
86) Hexachloroethane	12.58	117	1602682	167.854	ug/l	90
87) 1,2-Dichlorobenzene	12.38	146	4133675	151.223	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	739140	179.114	ug/l	90
89) 1,2,4-Trichlorobenzene	13.63	180	3571144	174.676	ug/l	97
90) Hexachlorobutadiene	13.77	225	1979683	189.605	ug/l	99
91) Naphthalene	13.82	128	9067761	156.589	ug/l	98
92) 1,2,3-Trichlorobenzene	14.01	180	3471570	168.654	ug/l	99

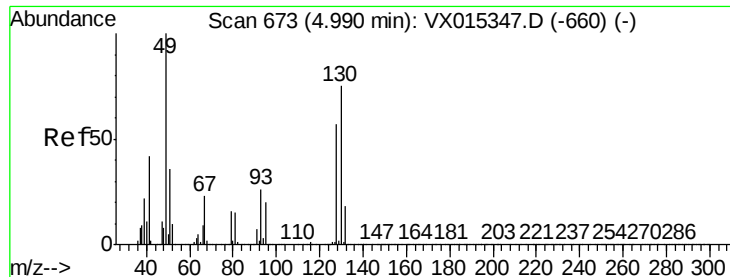
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032520\
Data File : VX015350.D
Acq On : 25 Mar 2020 19:39
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 26 02:18:10 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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

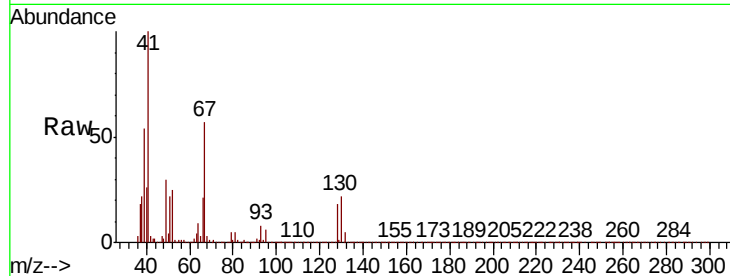


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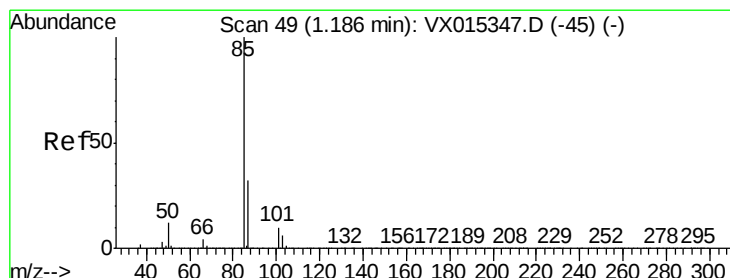
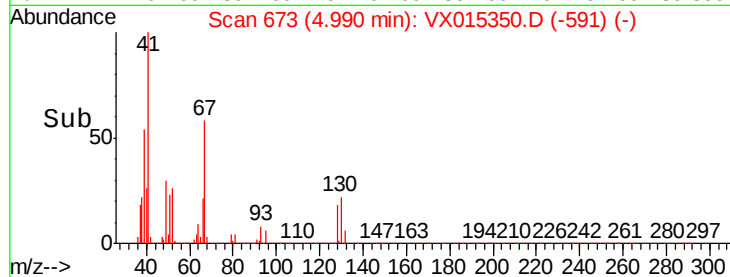
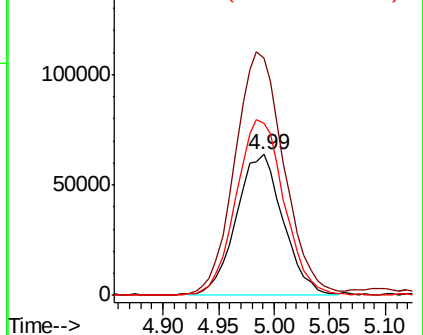
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.99 min Scan# 673
Delta R.T. 0.00 min
Lab File: VX015350.D
Acq: 25 Mar 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
49	184.2	0.0	428.0
130	129.0	0.0	324.5



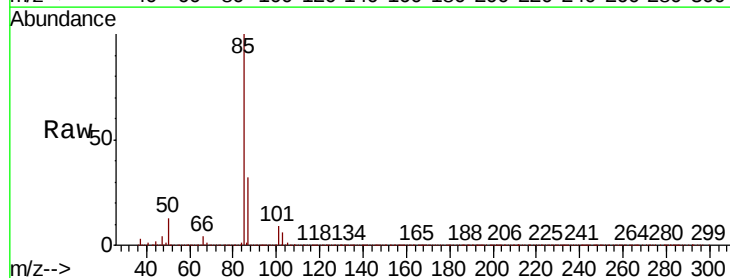
Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V



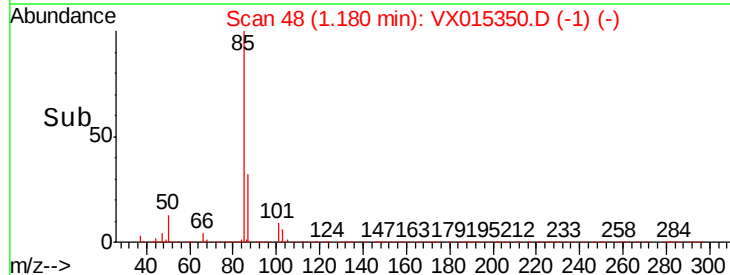
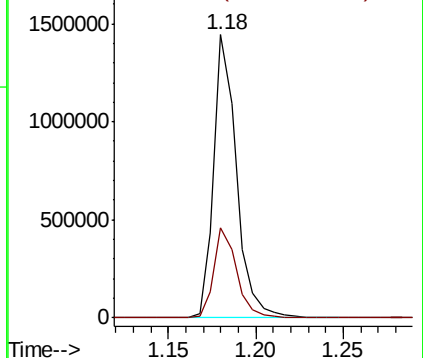
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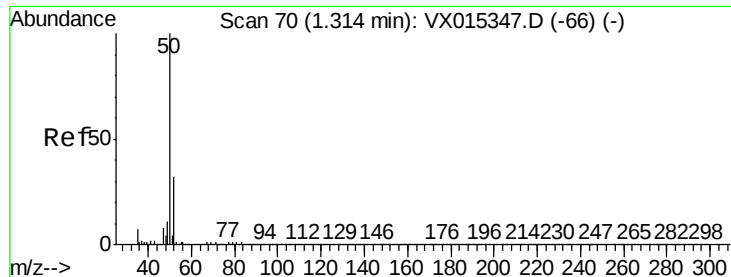
Dichlorodifluoromethane
Concen: 143.452 ug/l
RT: 1.18 min Scan# 48
Delta R.T. -0.01 min
Lab File: VX015350.D
Acq: 25 Mar 2020 19:39

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.9	16.3	48.9



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

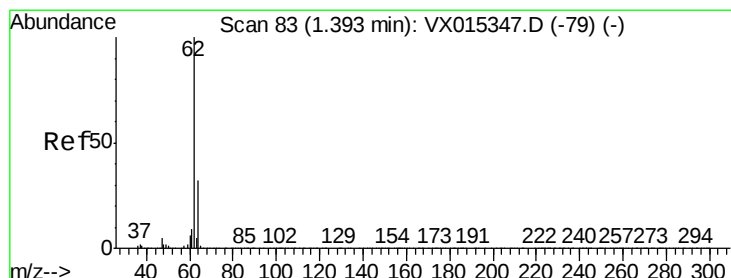
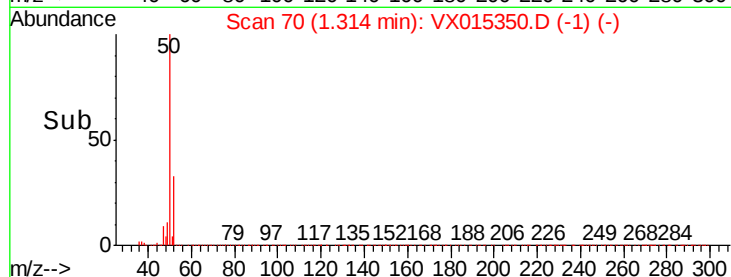
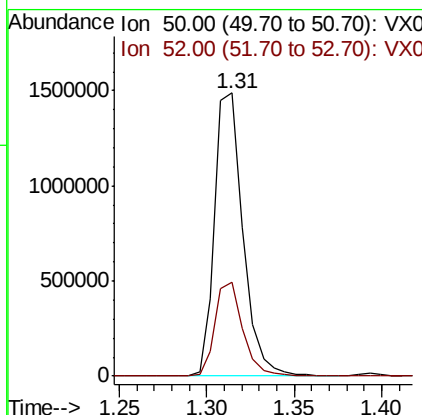
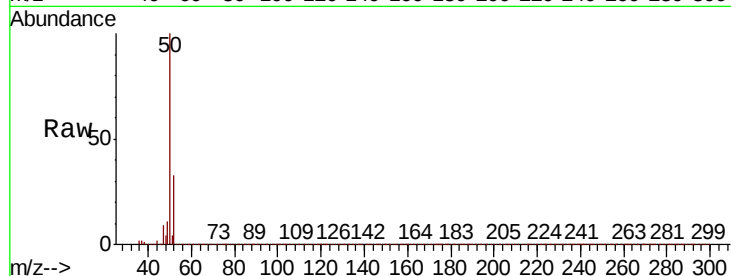




#3
Chloromethane
Concen: 133.359 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015350.D
Acq: 25 Mar 2020 19:39

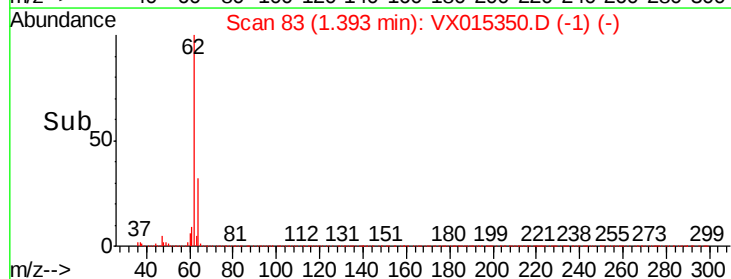
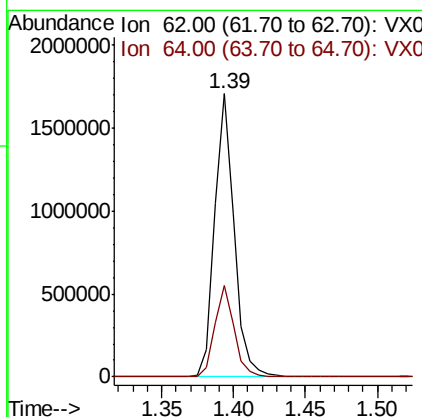
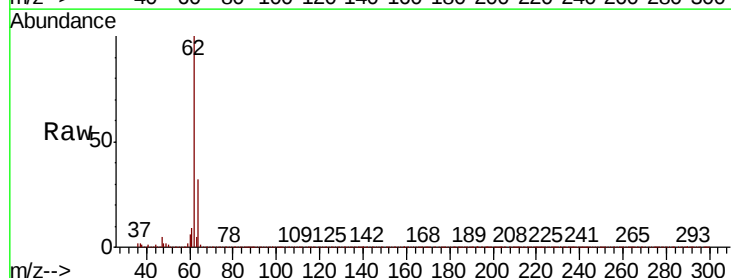
Instrument :
MSVOA_X
ClientSampleId :

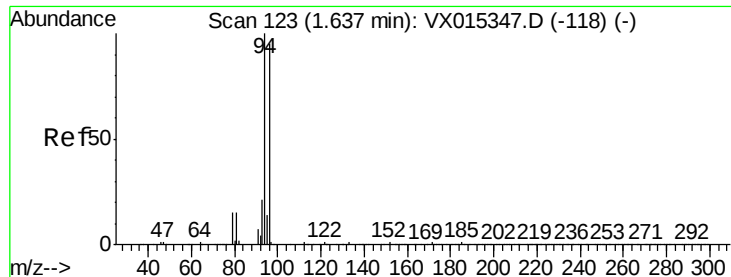
Tot Ion: 50 Resp: 1680704
Ion Ratio Lower Upper
50 100
52 33.2 25.5 38.3



#4
Vinyl Chloride
Concen: 125.470 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX015350.D
Acq: 25 Mar 2020 19:39

Tgt Ion: 62 Resp: 1604416
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.0





#5

Bromomethane

Concen: 74.713 ug/l

RT: 1.62 min Scan# 120

Delta R.T. -0.02 min

Lab File: VX015350.D

Acq: 25 Mar 2020 19:39

Instrument :

MSVOA_X

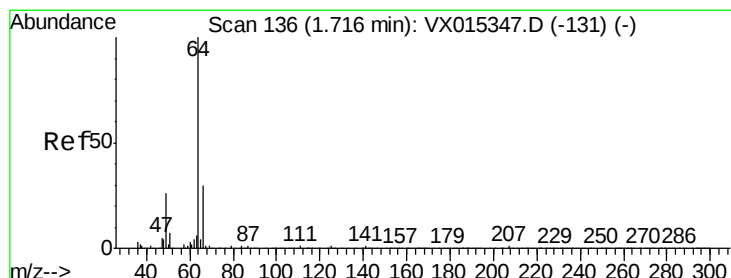
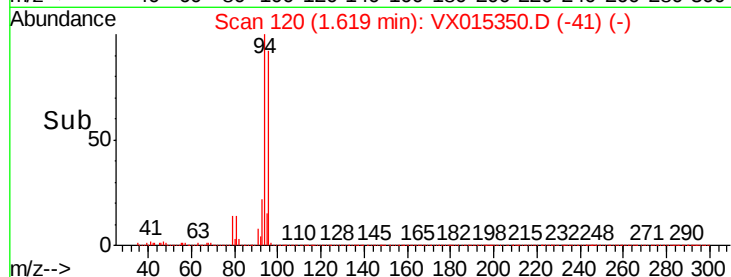
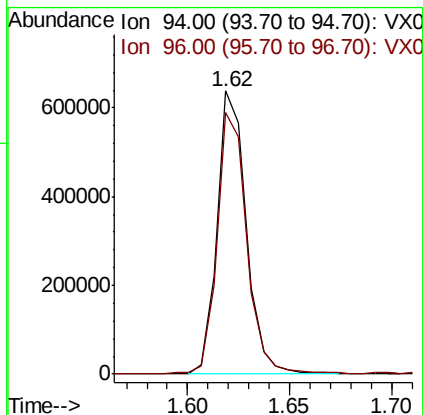
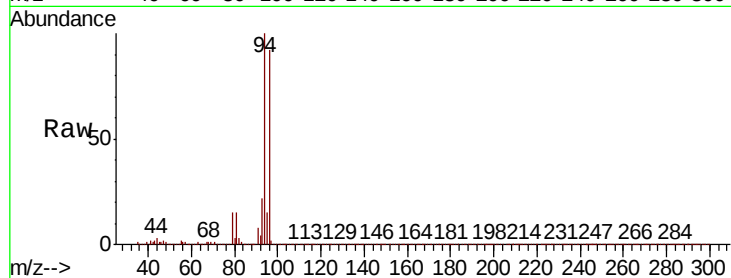
ClientSampleId :

Tot Ion: 94 Resp: 627270

Ion Ratio Lower Upper

94 100

96 92.3 76.1 114.1



#6

Chloroethane

Concen: 120.664 ug/l

RT: 1.70 min Scan# 133

Delta R.T. -0.02 min

Lab File: VX015350.D

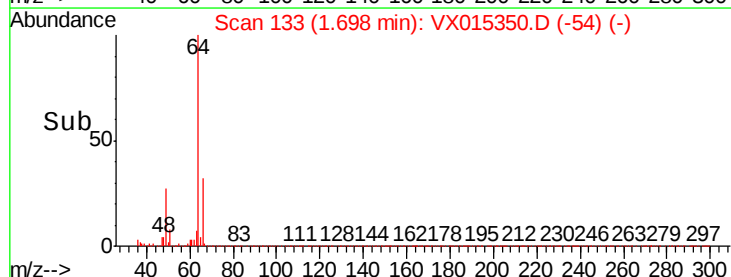
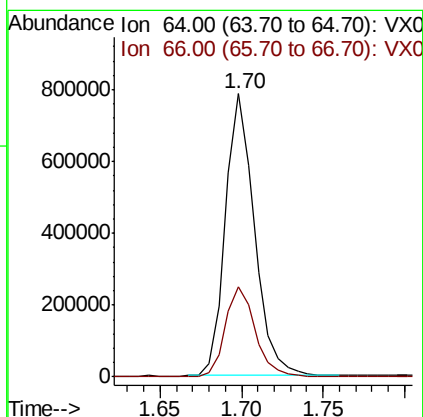
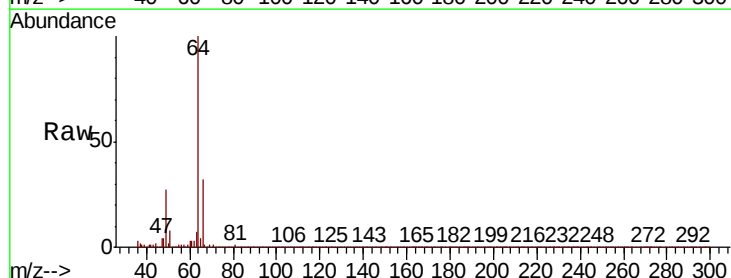
Acq: 25 Mar 2020 19:39

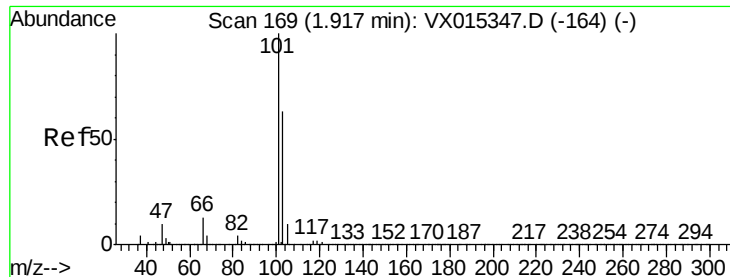
Tgt Ion: 64 Resp: 971571

Ion Ratio Lower Upper

64 100

66 31.6 24.3 36.5



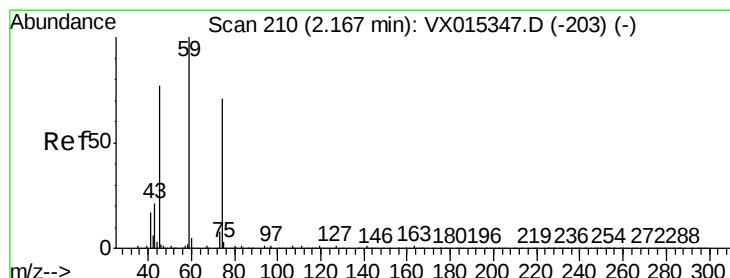
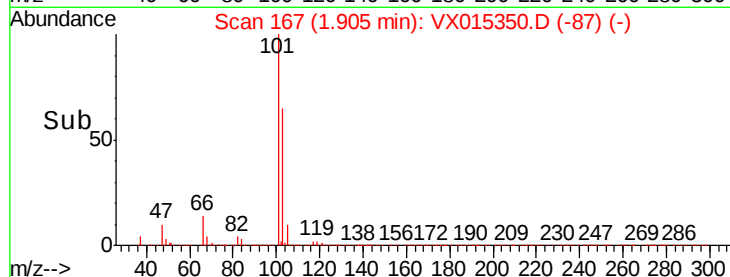
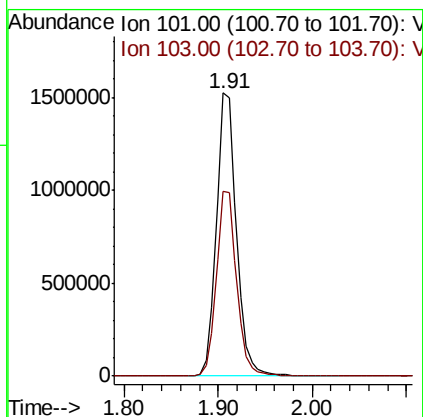
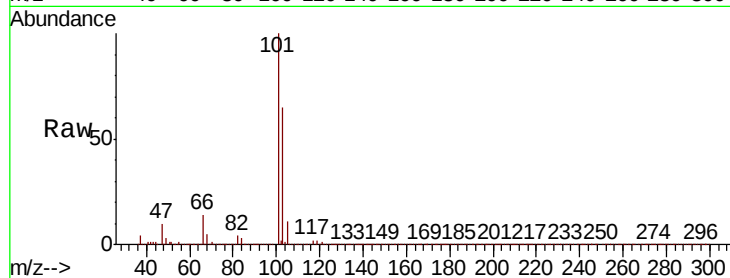


#7

Trichlorofluoromethane
Concen: 135.068 ug/l
RT: 1.91 min Scan# 167
Delta R.T. -0.01 min
Lab File: VX015350.D
Acq: 25 Mar 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :

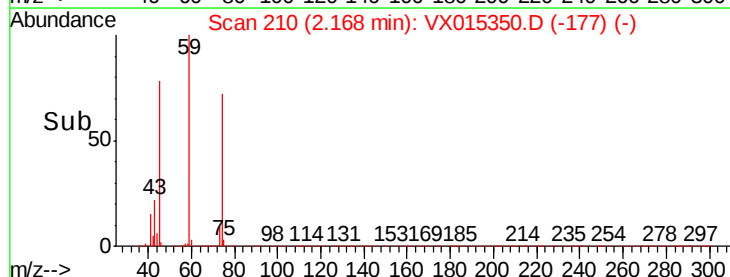
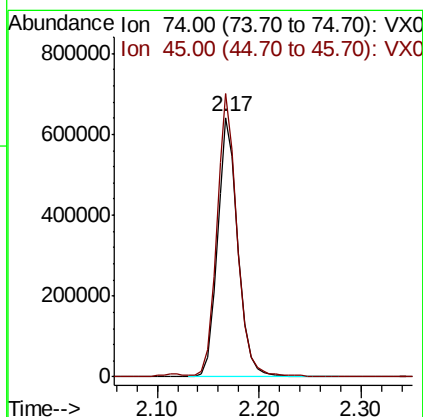
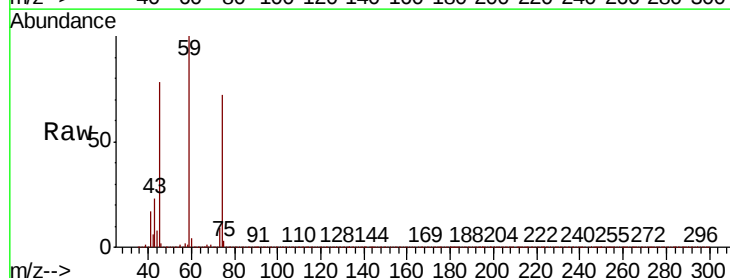
Tot Ion:101 Resp: 2247490
Ion Ratio Lower Upper
101 100
103 65.4 49.9 74.9

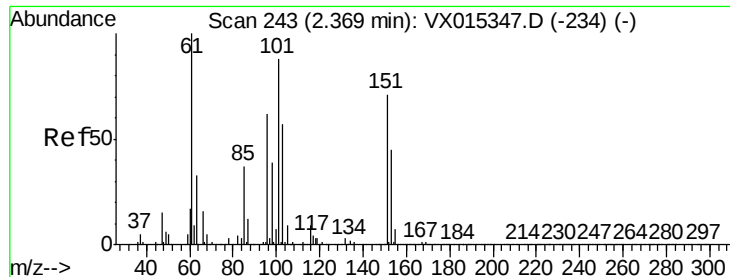


#8

Diethyl Ether
Concen: 123.809 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015350.D
Acq: 25 Mar 2020 19:39

Tgt Ion: 74 Resp: 891578
Ion Ratio Lower Upper
74 100
45 108.2 21.8 196.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 143.157 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX015350.D

Acq: 25 Mar 2020 19:39

Instrument :

MSVOA_X

ClientSampled :

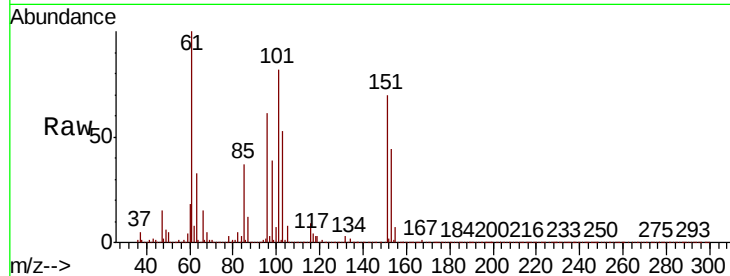
Tot Ion:101 Resp: 1489111

Ion Ratio Lower Upper

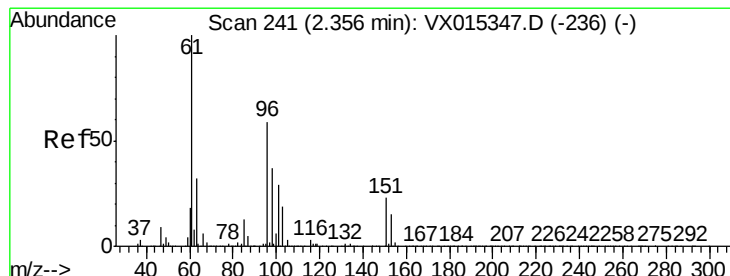
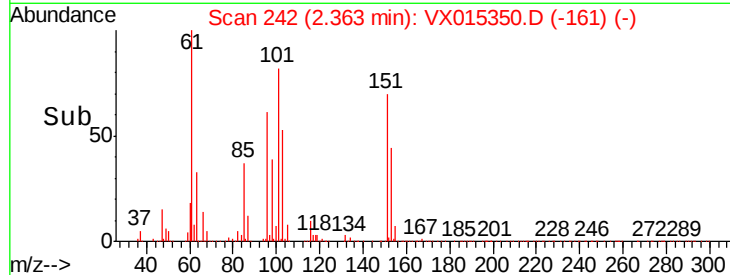
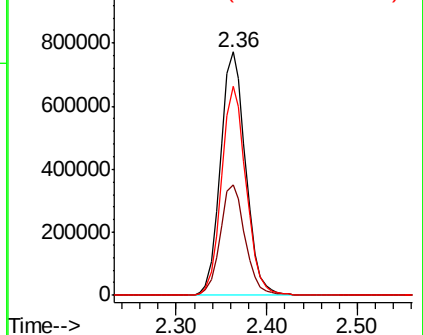
101 100

85 44.4 0.0 85.8

151 83.9 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: 143.060 ug/l

RT: 2.35 min Scan# 240

Delta R.T. -0.01 min

Lab File: VX015350.D

Acq: 25 Mar 2020 19:39

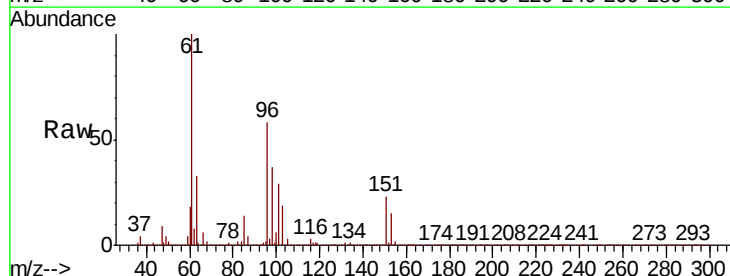
Tgt Ion: 96 Resp: 1500966

Ion Ratio Lower Upper

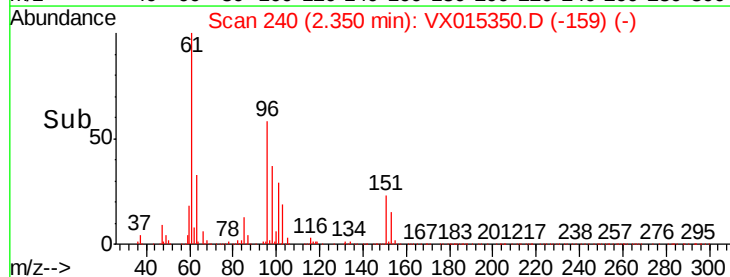
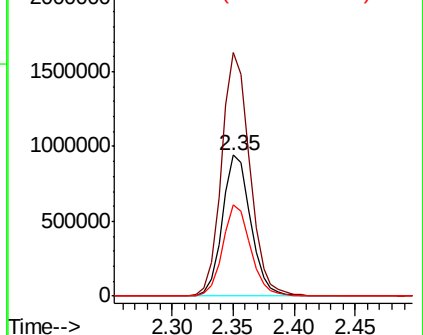
96 100

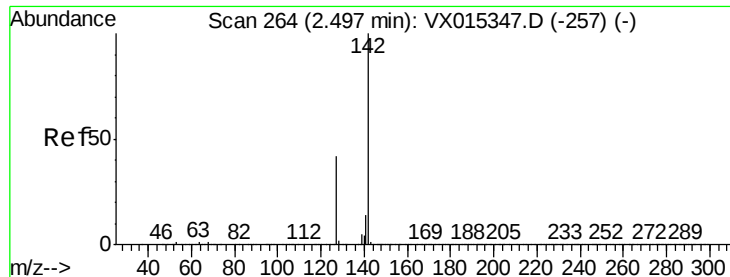
61 172.8 135.5 203.3

98 64.4 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

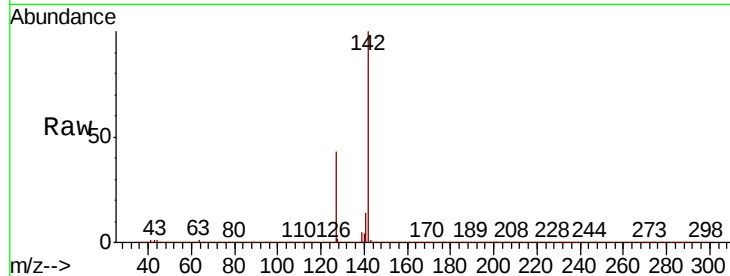




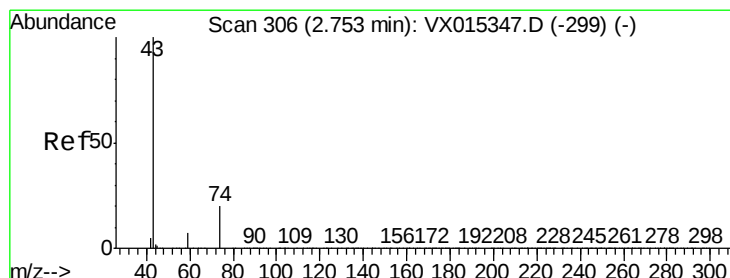
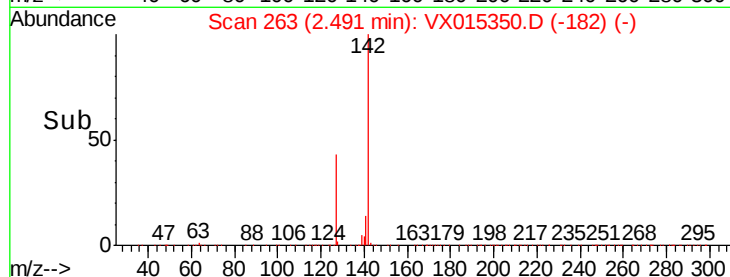
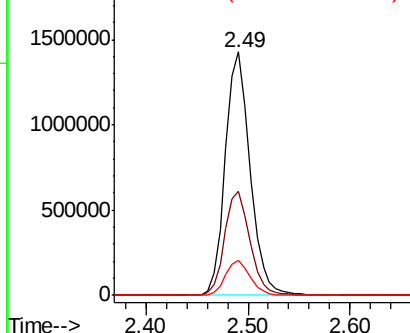
#11
Methvl Iodide
Concen: 207.985 ug/l
RT: 2.49 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX015350.D
Acq: 25 Mar 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:142 Resp: 2407906
Ion Ratio Lower Upper
142 100
127 42.7 21.0 63.0
141 14.2 6.9 20.7

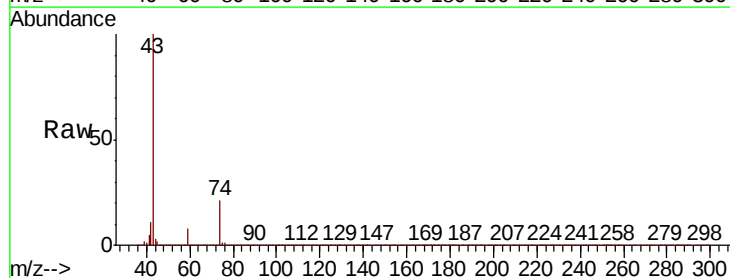


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

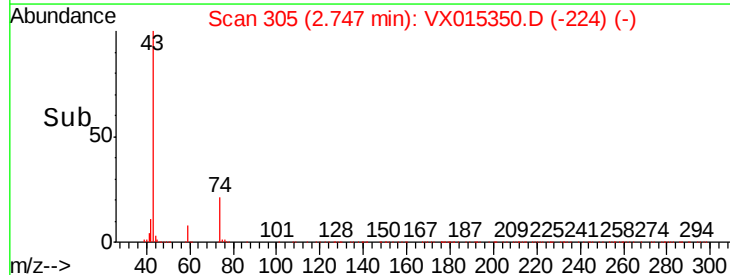
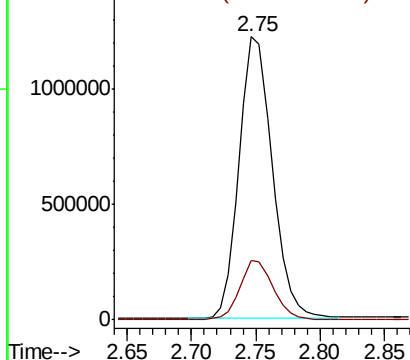


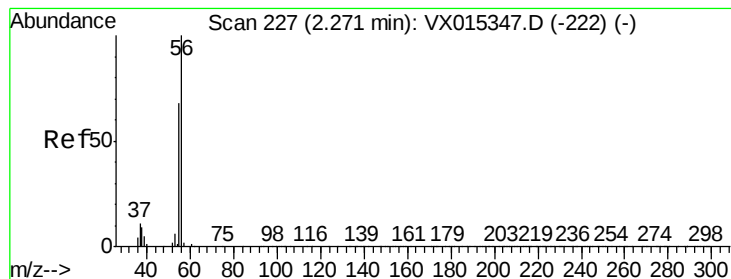
#12
Methyl Acetate
Concen: 162.363 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015350.D
Acq: 25 Mar 2020 19:39

Tgt Ion: 43 Resp: 2191991
Ion Ratio Lower Upper
43 100
74 20.7 15.8 23.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 756.365 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015350.D

Acq: 25 Mar 2020 19:39

Instrument :

MSVOA_X

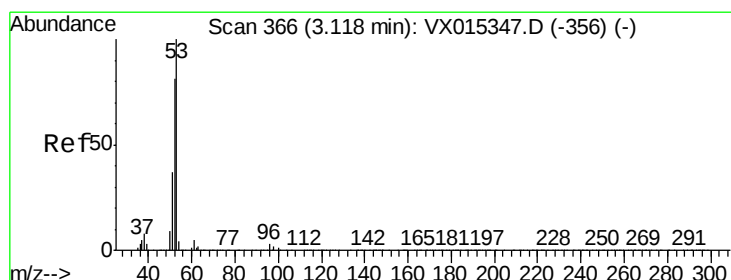
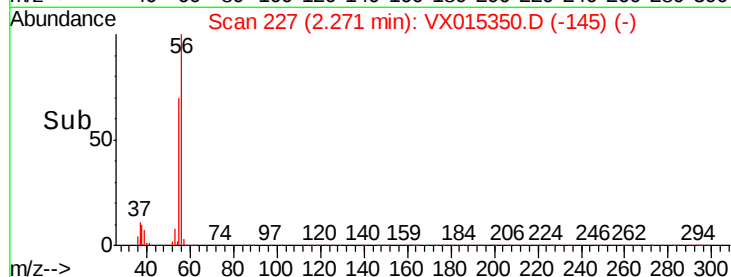
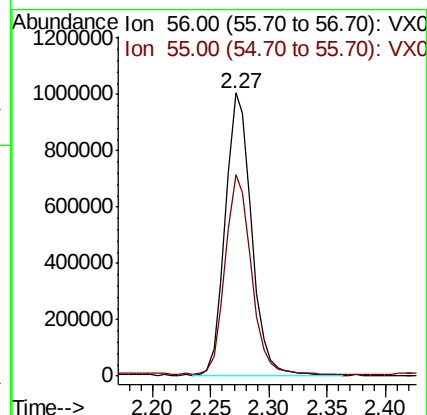
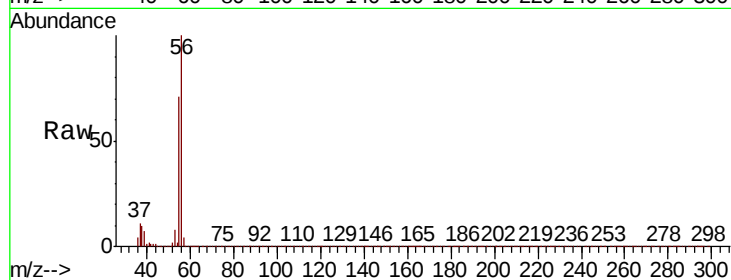
ClientSampleId :

Tot Ion: 56 Resp: 1556991

Ion Ratio Lower Upper

56 100

55 70.7 53.5 80.3



#14

Acrylonitrile

Concen: 760.804 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015350.D

Acq: 25 Mar 2020 19:39

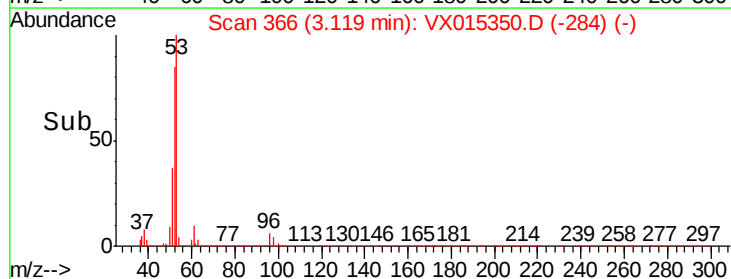
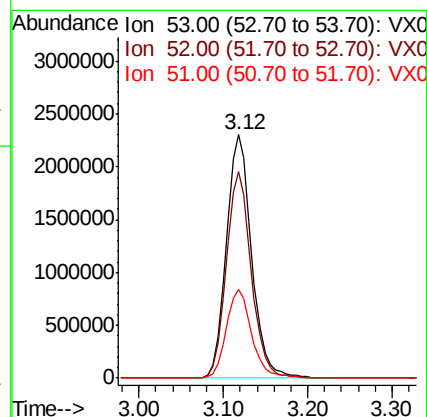
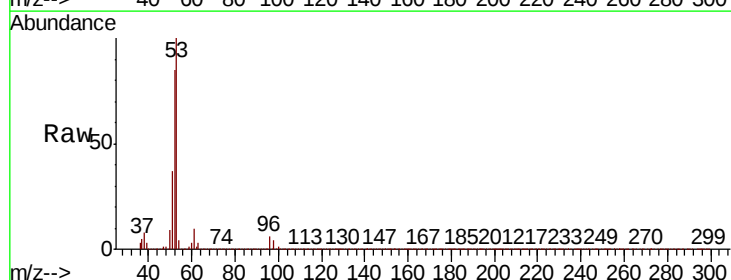
Tgt Ion: 53 Resp: 4721315

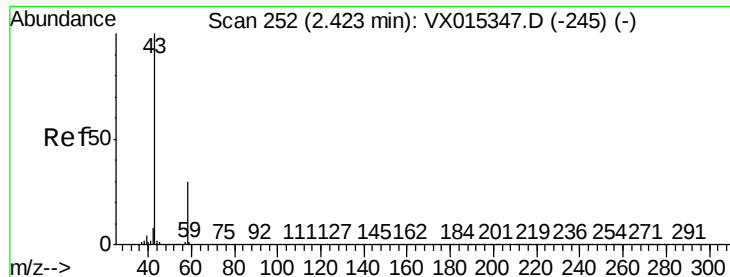
Ion Ratio Lower Upper

53 100

52 83.7 41.0 123.2

51 37.0 18.4 55.4

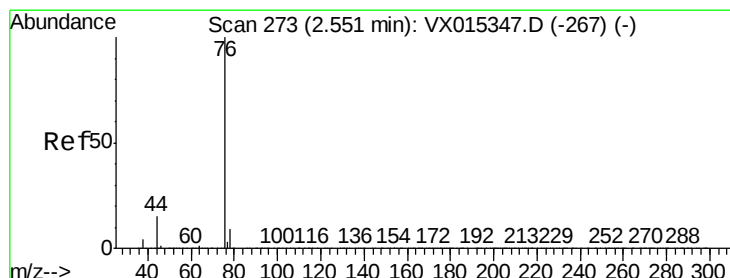
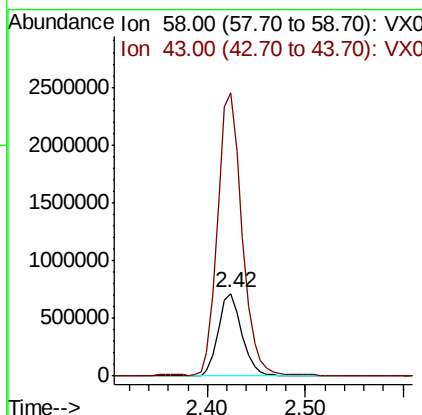
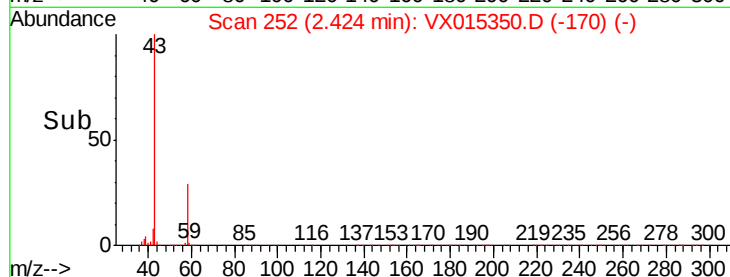
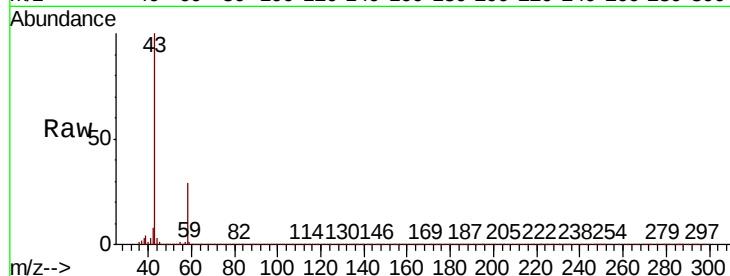




#15
Acetone
Concen: 701.558 ug/l
RT: 2.42 min Scan# 252
Delta R.T. 0.00 min
Lab File: VX015350.D
Acq: 25 Mar 2020 19:39

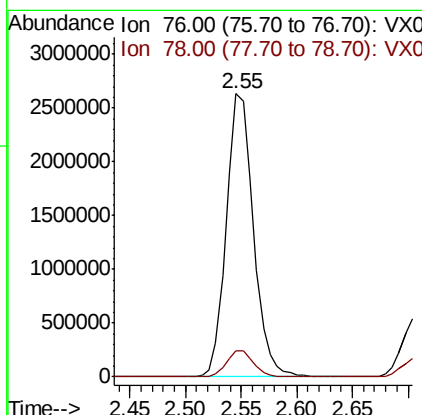
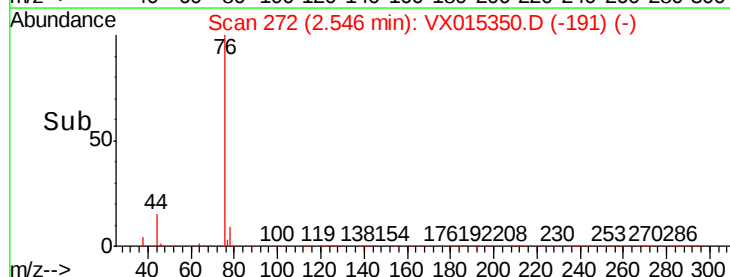
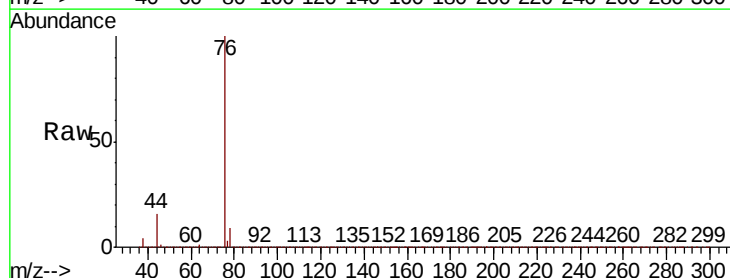
Instrument :
MSVOA_X
ClientSampleId :

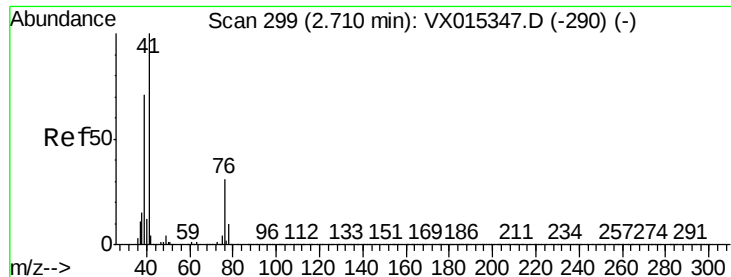
Tot Ion: 58 Resp: 1201066
Ion Ratio Lower Upper
58 100
43 341.8 267.8 401.8



#16
Carbon Disulfide
Concen: 147.819 ug/l
RT: 2.55 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX015350.D
Acq: 25 Mar 2020 19:39

Tgt Ion: 76 Resp: 4452501
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

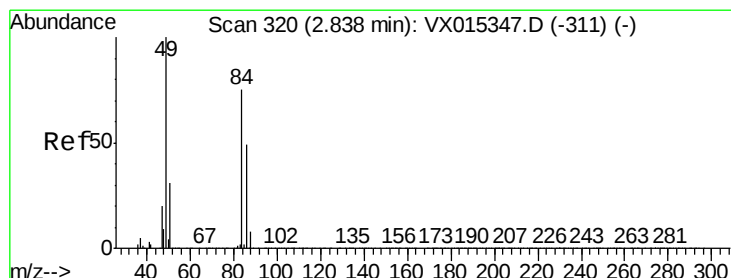
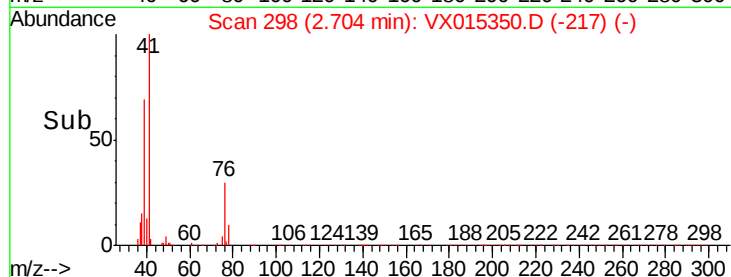
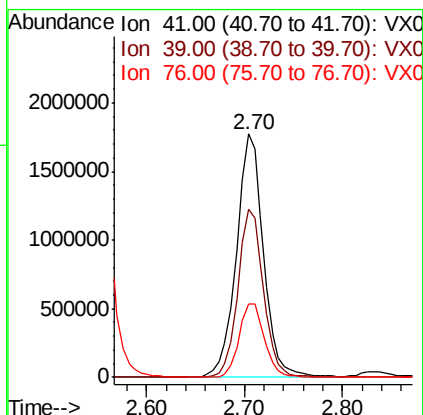
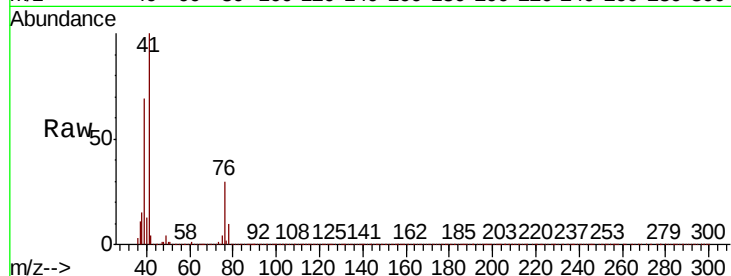




#17
Allvl chloride
Concen: 164.011 ug/l
RT: 2.70 min Scan# 298
Delta R.T. -0.01 min
Lab File: VX015350.D
Acq: 25 Mar 2020 19:39

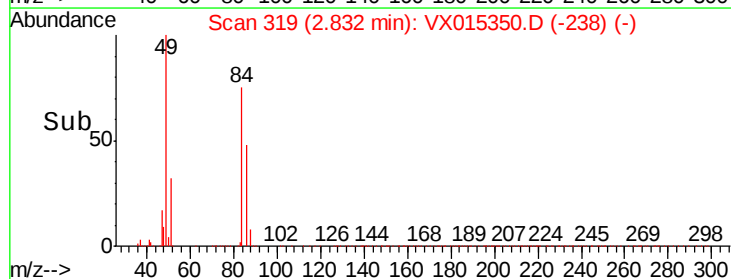
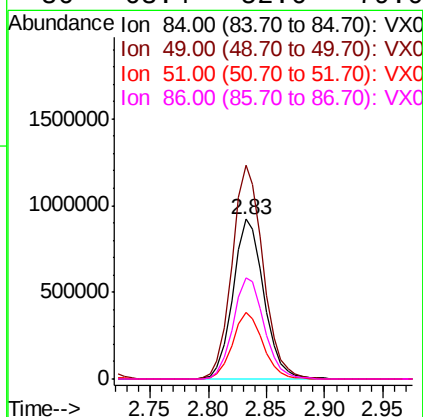
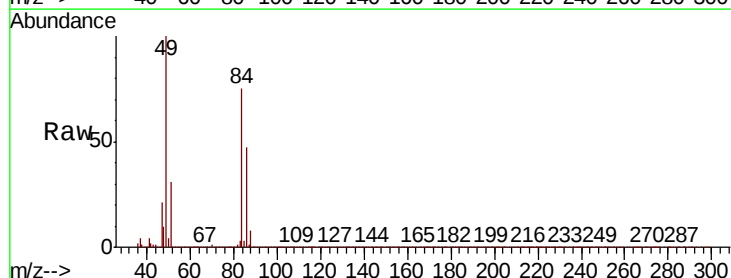
Instrument :
MSVOA_X
ClientSampleId :

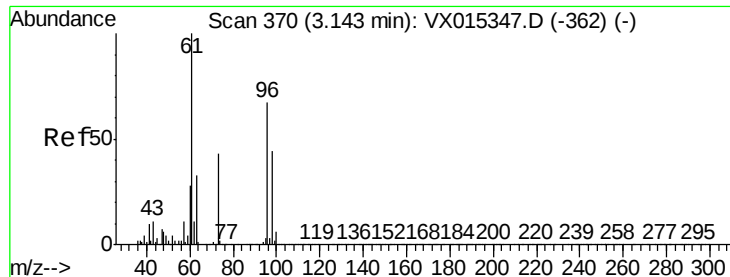
Tot Ion: 41 Resp: 3358727
Ion Ratio Lower Upper
41 100
39 69.1 35.6 106.8
76 30.3 15.4 46.4



#18
Methylene Chloride
Concen: 142.026 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.01 min
Lab File: VX015350.D
Acq: 25 Mar 2020 19:39

Tgt Ion: 84 Resp: 1700905
Ion Ratio Lower Upper
84 100
49 134.1 107.0 160.4
51 41.7 33.4 50.0
86 63.4 52.6 79.0





#19

trans-1,2-Dichloroethene

Concen: 142.748 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015350.D

Acq: 25 Mar 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :

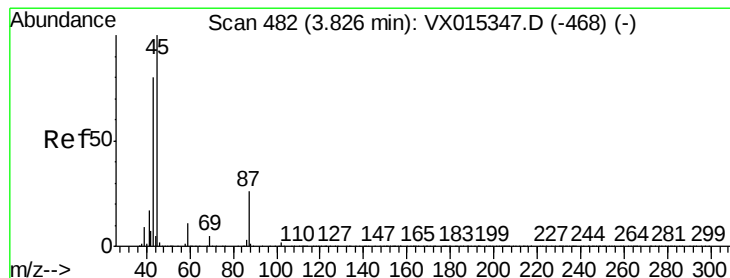
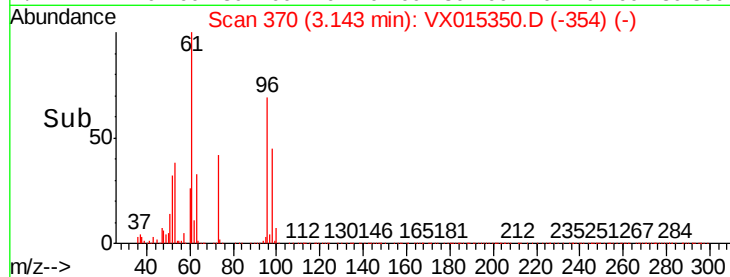
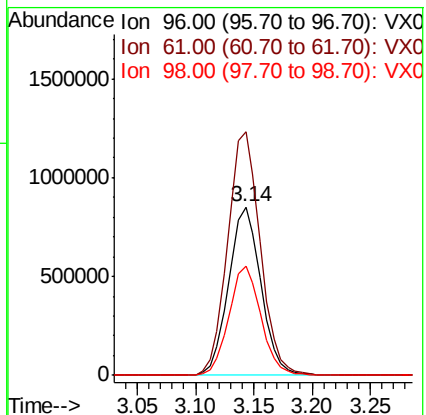
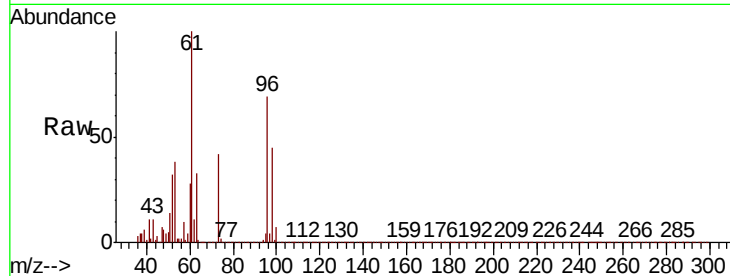
Tot Ion: 96 Resp: 1644015

Ion Ratio Lower Upper

96 100

61 144.8 118.2 177.2

98 64.7 51.9 77.9



#20

Diisopropyl ether

Concen: 150.916 ug/l

RT: 3.83 min Scan# 483

Delta R.T. 0.01 min

Lab File: VX015350.D

Acq: 25 Mar 2020 19:39

Tgt Ion: 45 Resp: 6020680

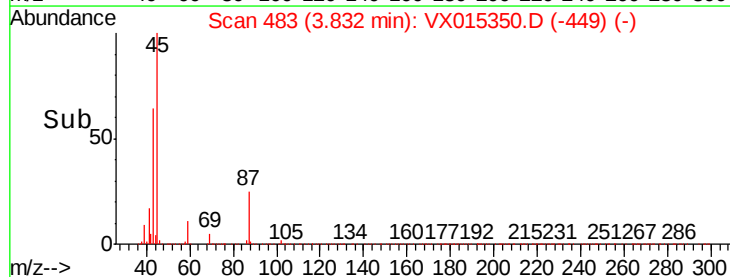
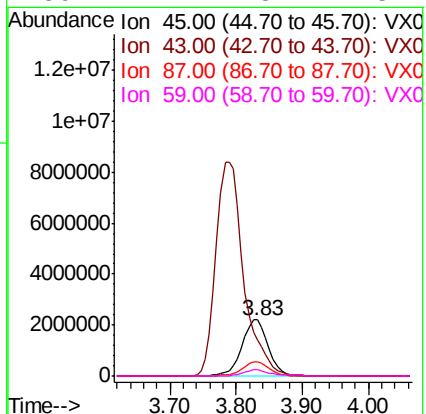
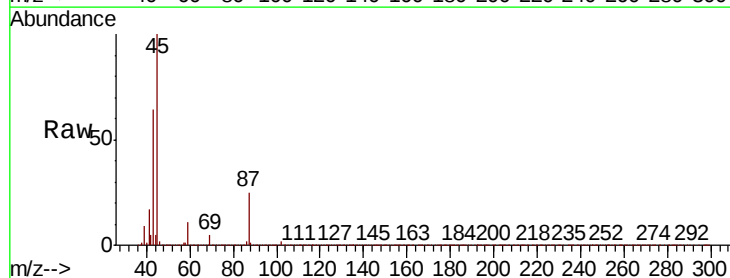
Ion Ratio Lower Upper

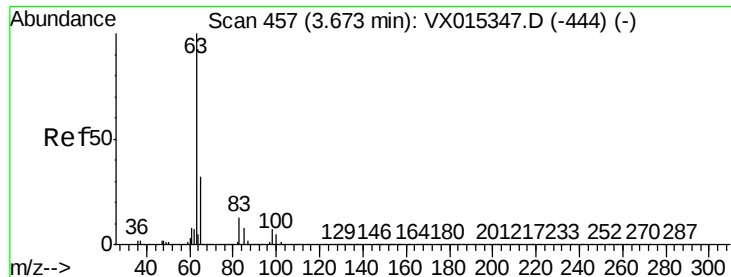
45 100

43 63.4 64.4 96.6#

87 25.2 20.4 30.6

59 11.1 8.7 13.1





#21

1,1-Dichloroethane

Concen: 151.028 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015350.D

Acq: 25 Mar 2020 19:39

Instrument :

MSVOA_X

ClientSampleId :

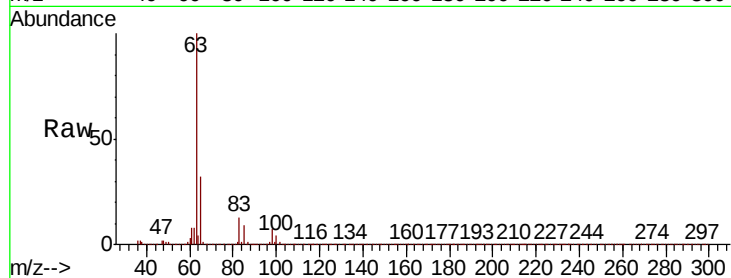
Tot Ion: 63 Resp: 3167829

Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.9

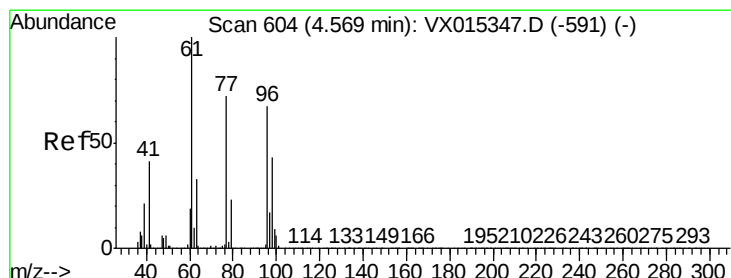
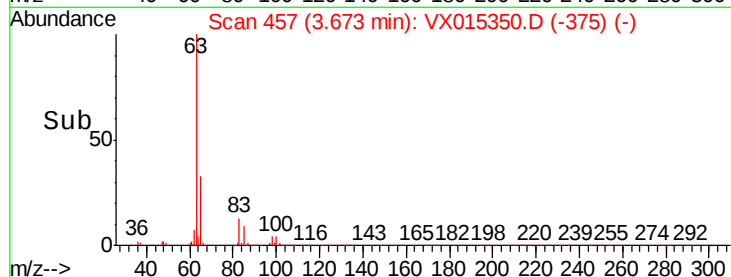
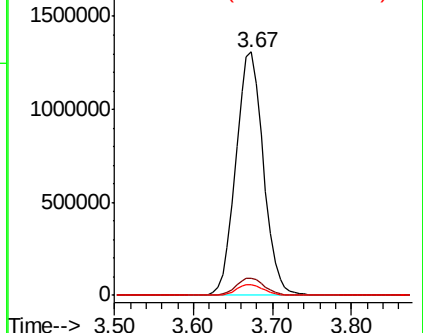
100 4.4 2.3 6.8



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 148.834 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX015350.D

Acq: 25 Mar 2020 19:39

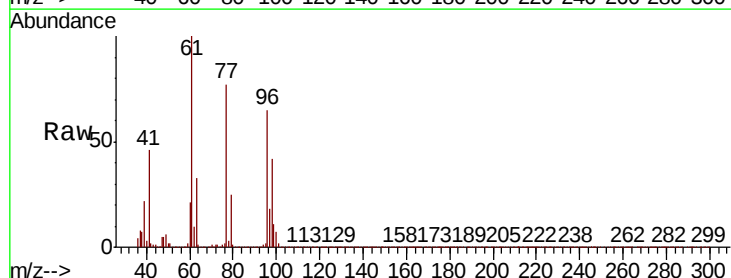
Tgt Ion: 96 Resp: 1923165

Ion Ratio Lower Upper

96 100

61 155.6 127.2 190.8

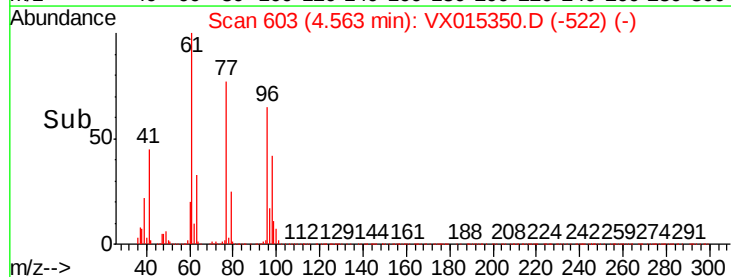
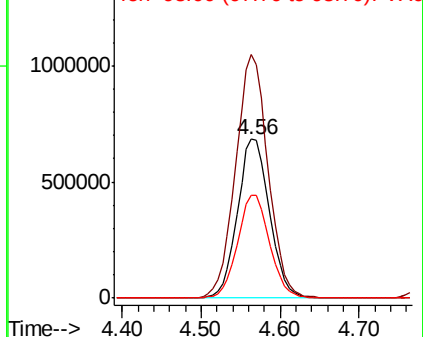
98 64.5 51.8 77.6

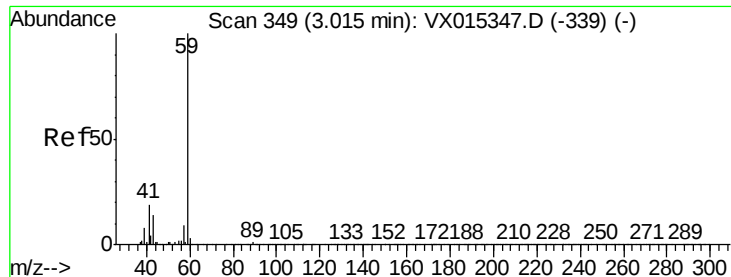


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



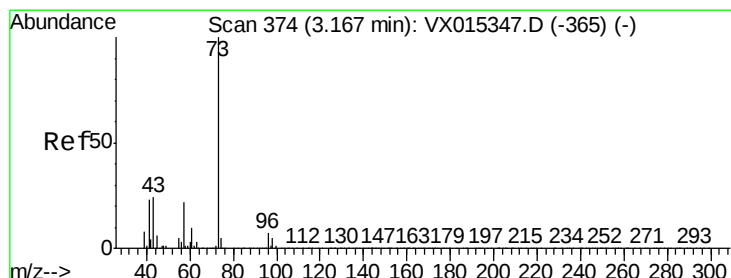
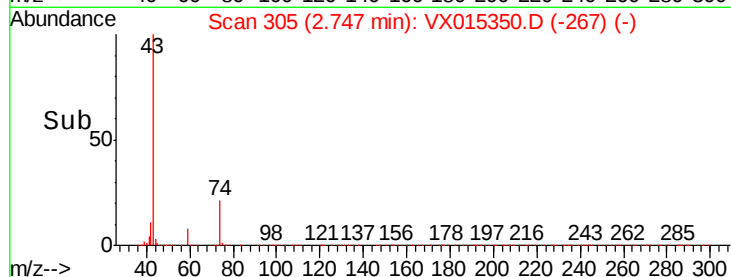
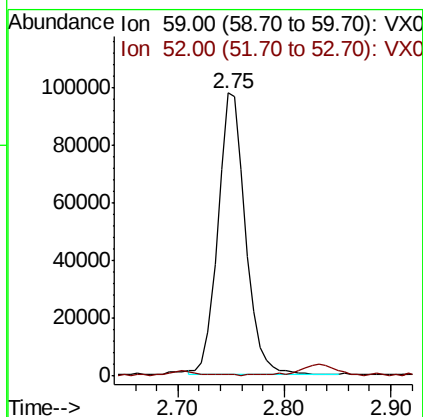
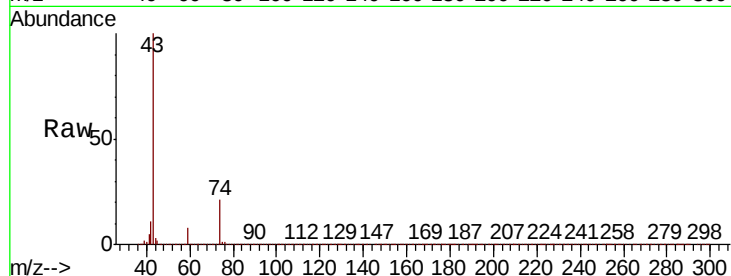


#23

tert-Butyl Alcohol
 Concen: 68.269 ug/l
 RT: 2.75 min Scan# 305
 Delta R.T. -0.27 min
 Lab File: VX015350.D
 Acq: 25 Mar 2020 19:39

Instrument :
 MSVOA_X
 ClientSampled :

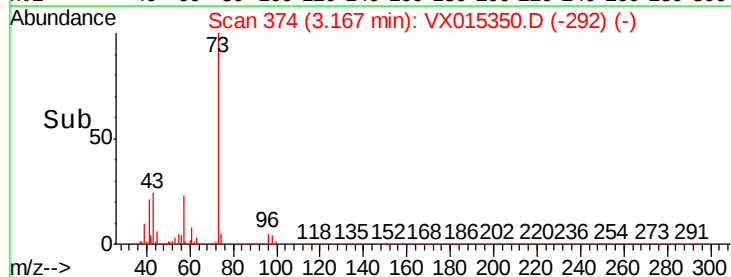
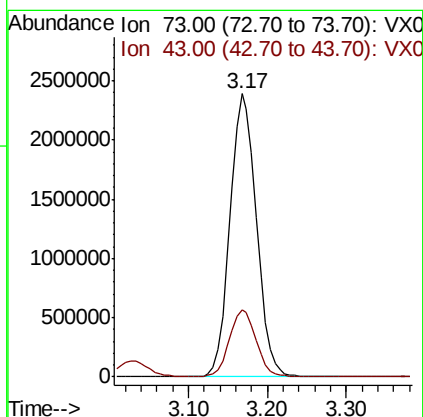
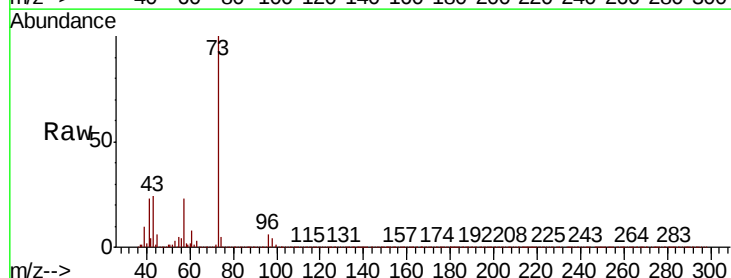
Tot Ion: 59 Resp: 175319
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.2

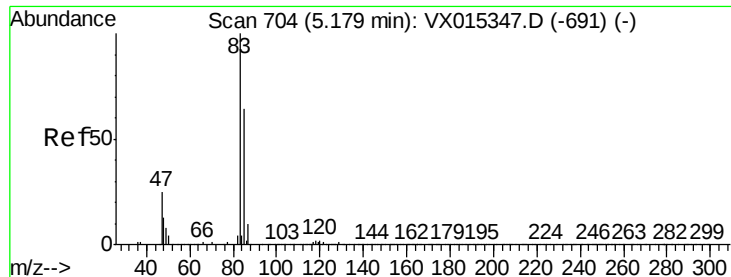


#24

Methyl tert-Butyl Ether
 Concen: 157.459 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VX015350.D
 Acq: 25 Mar 2020 19:39

Tgt Ion: 73 Resp: 5560948
 Ion Ratio Lower Upper
 73 100
 43 23.6 19.2 28.8





#25

Chloroform

Concen: 156.342 ug/l

RT: 5.19 min Scan# 705

Delta R.T. 0.01 min

Lab File: VX015350.D

Acq: 25 Mar 2020 19:39

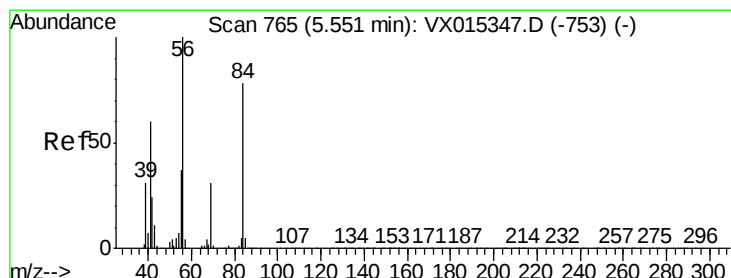
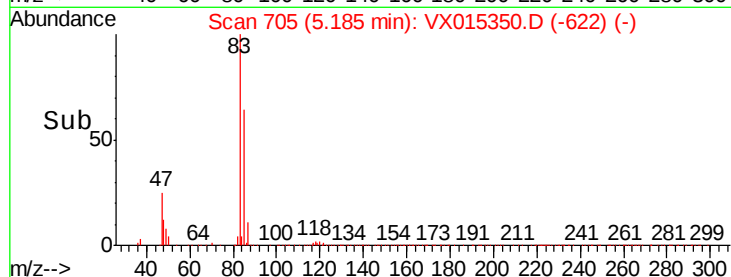
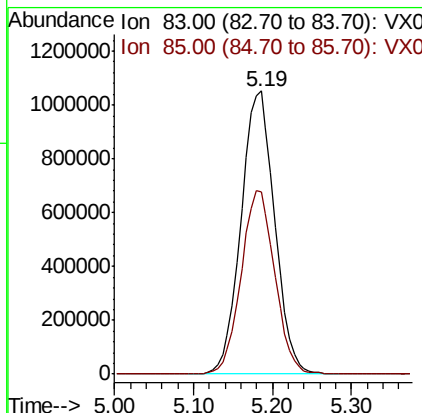
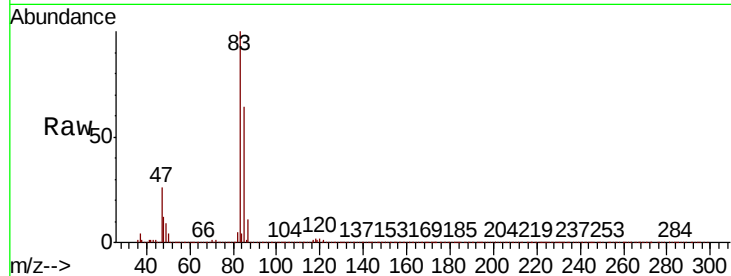
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 3104342

Ion Ratio Lower Upper

83 100

85 64.1 50.5 75.7



#26

Cyclohexane

Concen: 152.358 ug/l

RT: 5.55 min Scan# 765

Delta R.T. 0.00 min

Lab File: VX015350.D

Acq: 25 Mar 2020 19:39

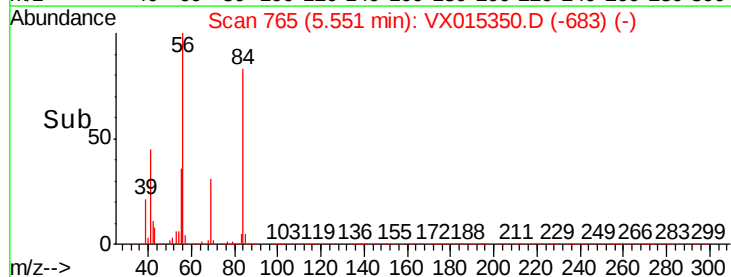
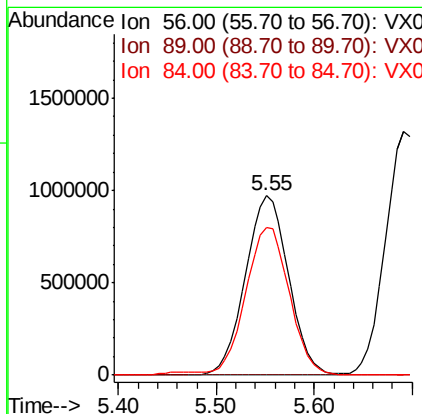
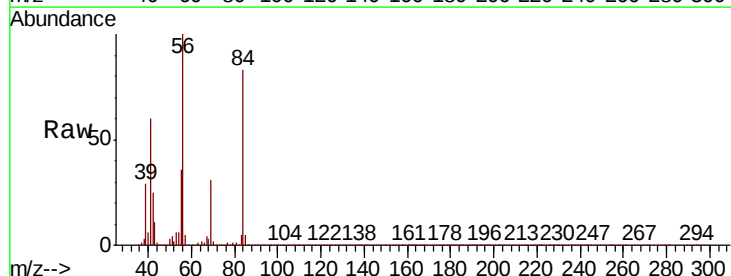
Tgt Ion: 56 Resp: 2964821

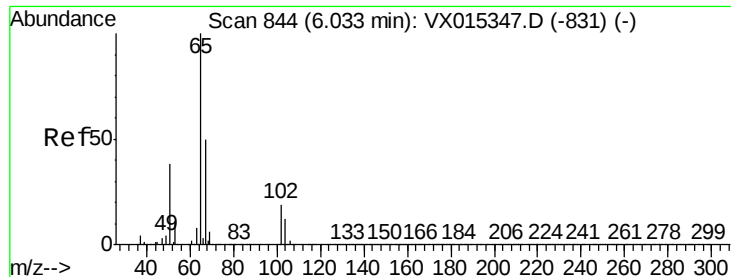
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 83.6 66.1 99.1





#27

1,2-Dichloroethane-d4

Concen: 33.872 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015350.D

Acq: 25 Mar 2020 19:39

Instrument :

MSVOA_X

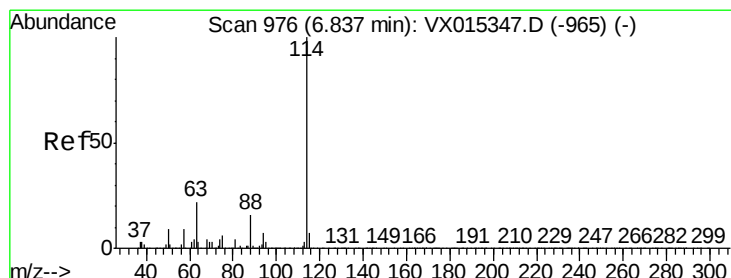
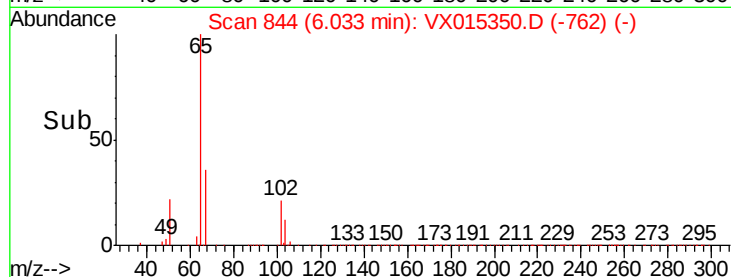
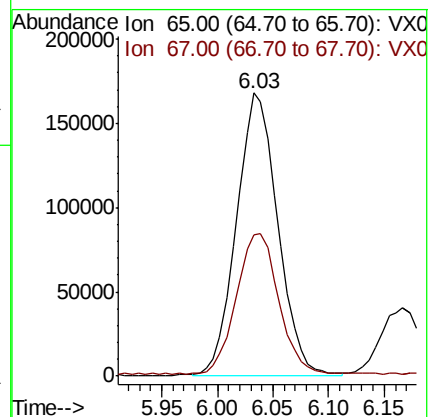
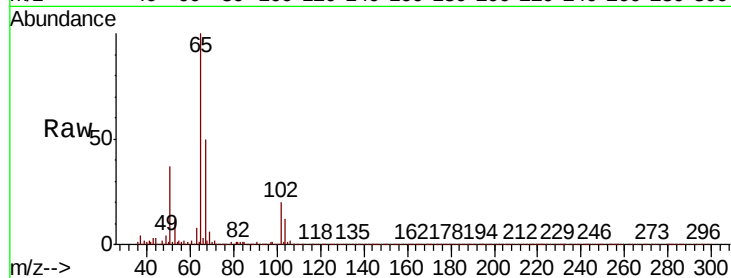
ClientSampleId :

Tot Ion: 65 Resp: 431285

Ion Ratio Lower Upper

65 100

67 50.7 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: VX015350.D

Acq: 25 Mar 2020 19:39

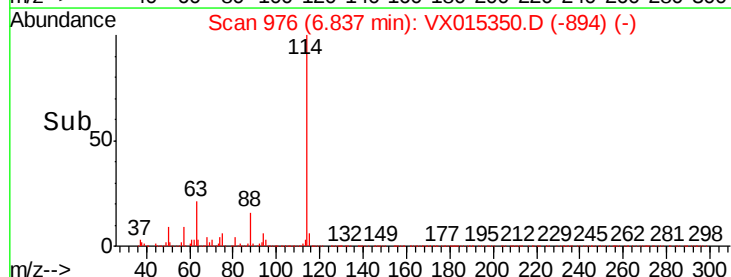
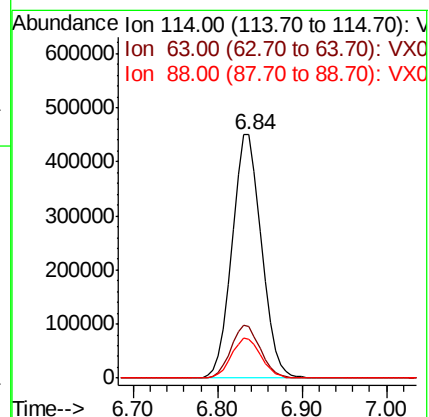
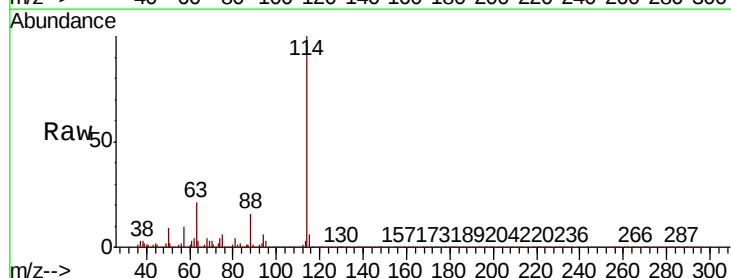
Tgt Ion: 114 Resp: 1068380

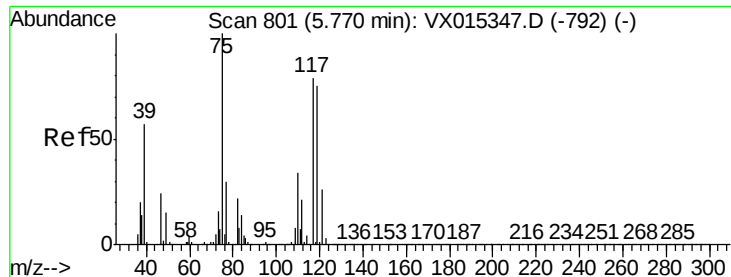
Ion Ratio Lower Upper

114 100

63 21.3 17.4 26.2

88 16.4 12.9 19.3

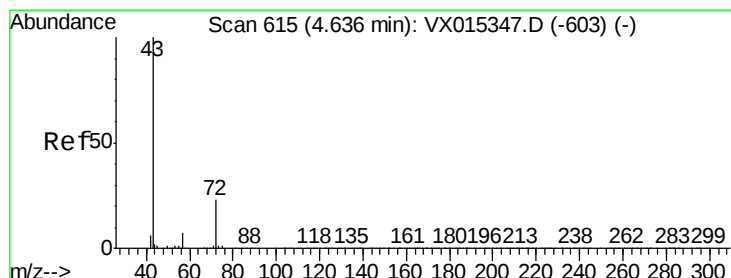
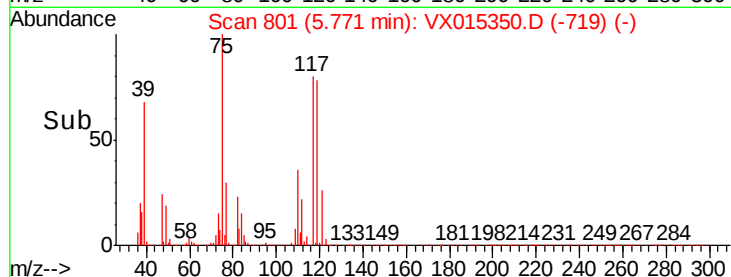
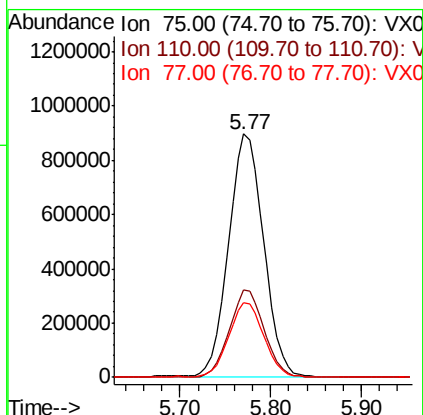
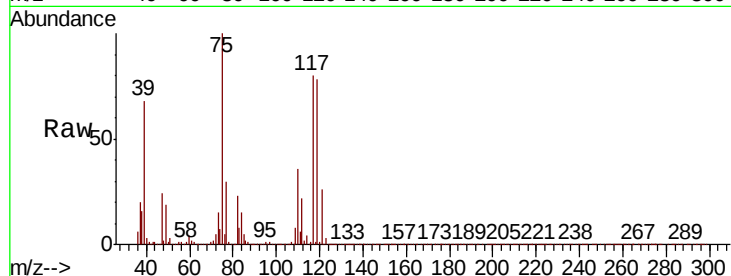




#29
 1,1-Dichloropropene
 Concen: 147.696 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: VX015350.D
 Acq: 25 Mar 2020 19:39

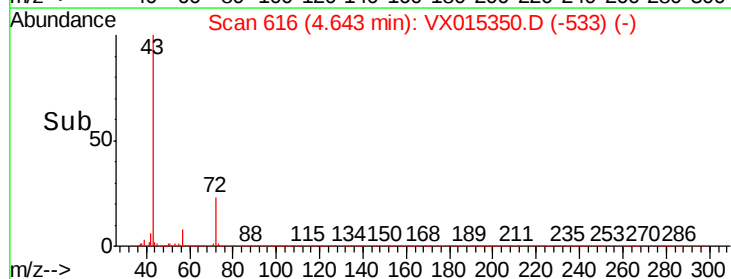
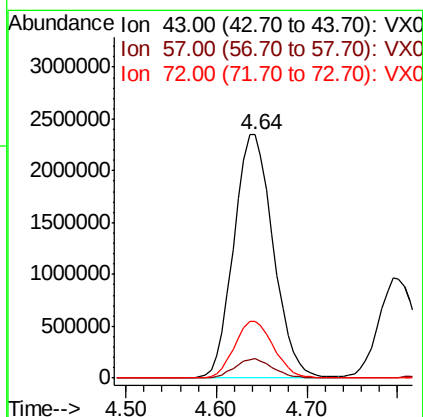
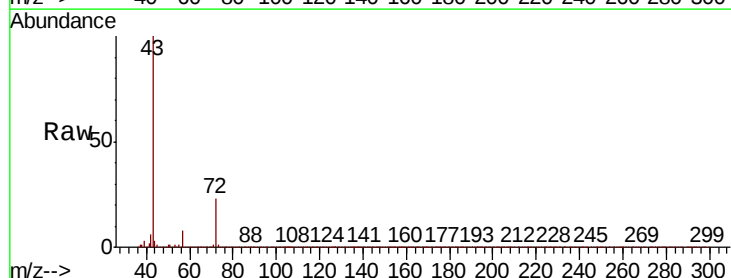
Instrument :
 MSVOA_X
 ClientSampled :

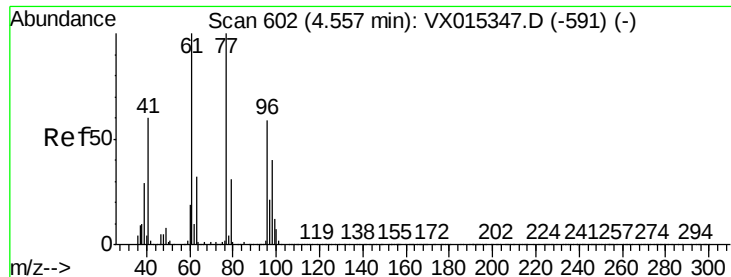
Tot Ion: 75 Resp: 2406466
 Ion Ratio Lower Upper
 75 100
 110 35.5 0.0 71.2
 77 30.7 0.0 62.2



#30
 2-Butanone
 Concen: 787.709 ug/l
 RT: 4.64 min Scan# 616
 Delta R.T. 0.01 min
 Lab File: VX015350.D
 Acq: 25 Mar 2020 19:39

Tgt Ion: 43 Resp: 7037096
 Ion Ratio Lower Upper
 43 100
 57 7.5 5.9 8.9
 72 23.3 18.6 27.8





#31

2,2-Dichloropropane

Concen: 161.213 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015350.D

Acq: 25 Mar 2020 19:39

Instrument :

MSVOA_X

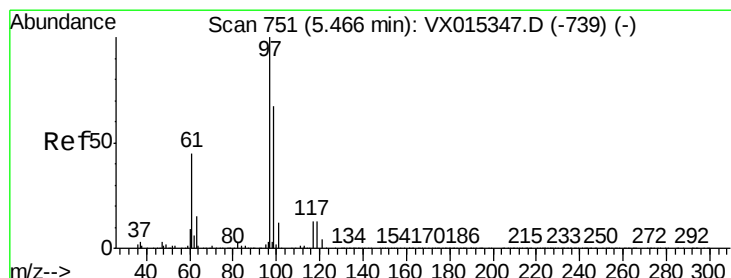
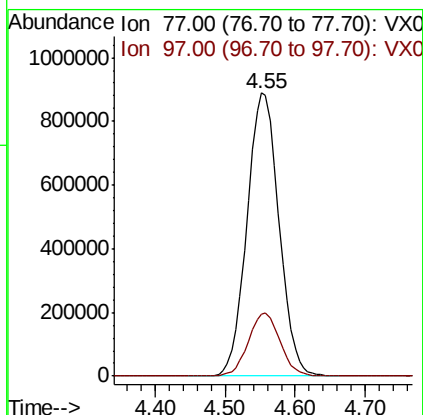
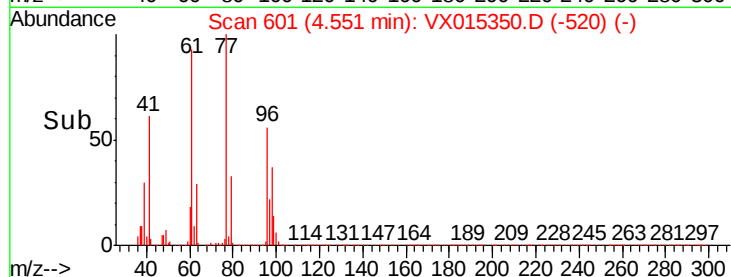
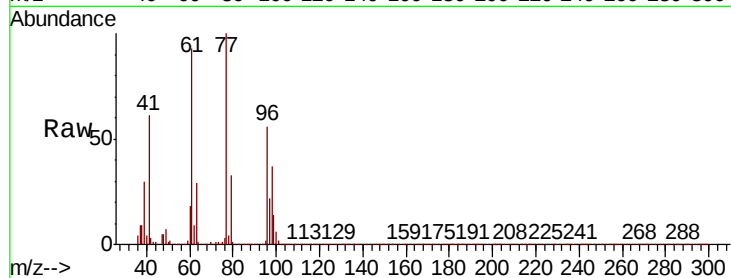
ClientSampled :

Tot Ion: 77 Resp: 2818226

Ion Ratio Lower Upper

77 100

97 21.9 17.8 26.8



#32

1,1,1-Trichloroethane

Concen: 160.599 ug/l

RT: 5.47 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX015350.D

Acq: 25 Mar 2020 19:39

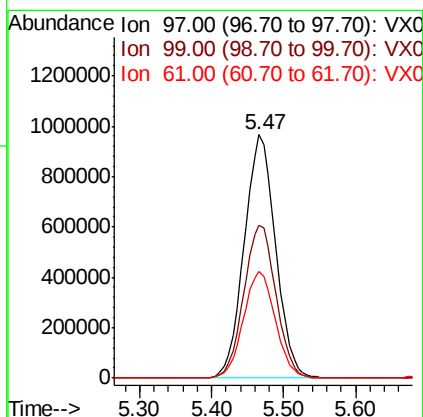
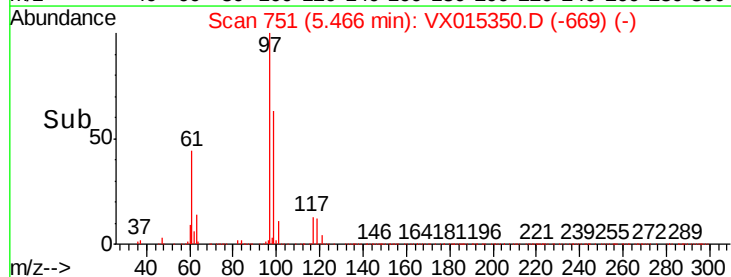
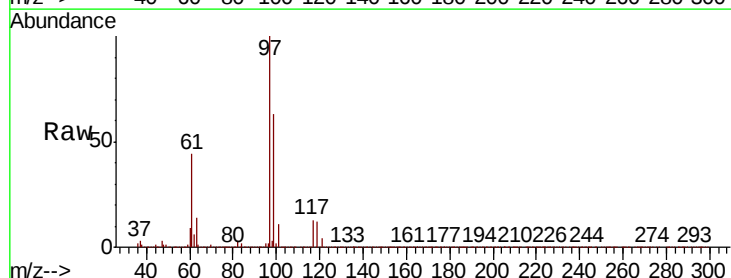
Tgt Ion: 97 Resp: 2913928

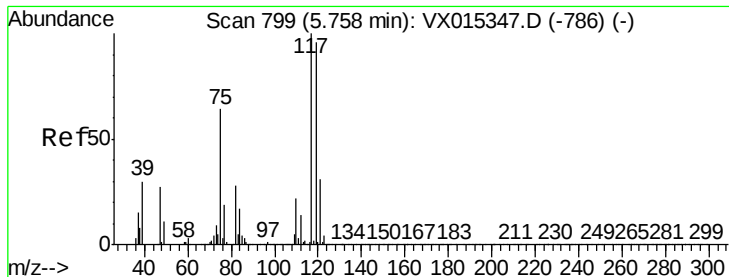
Ion Ratio Lower Upper

97 100

99 64.3 51.0 76.4

61 44.5 35.8 53.8





#33

Carbon Tetrachloride

Concen: 168.658 ug/l

RT: 5.76 min Scan# 799

Delta R.T. 0.00 min

Lab File: VX015350.D

Acq: 25 Mar 2020 19:39

Instrument :

MSVOA_X

ClientSampleId :

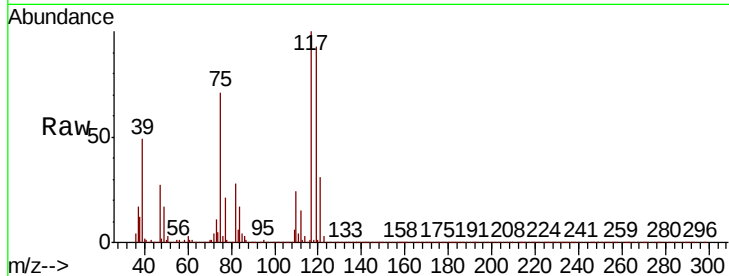
Tot Ion:117 Resp: 2657816

Ion Ratio Lower Upper

117 100

119 93.1 76.6 114.8

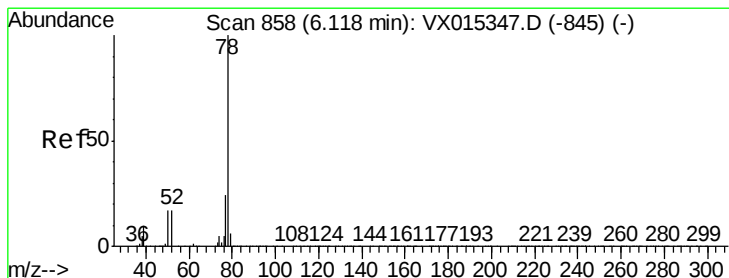
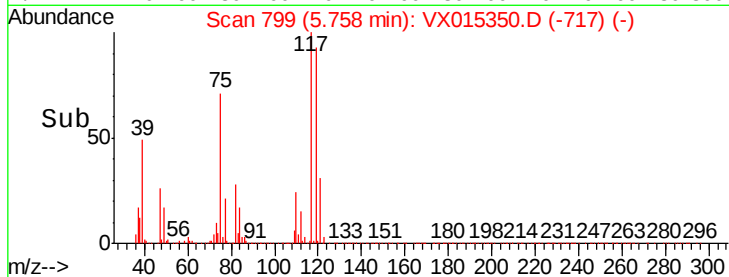
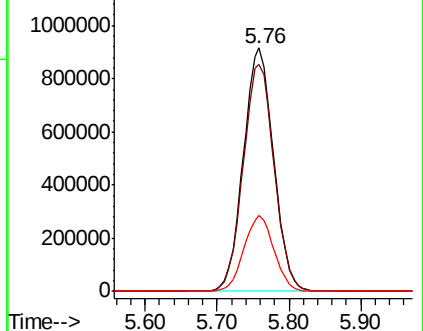
121 31.2 25.0 37.4



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: 140.796 ug/l

RT: 6.12 min Scan# 858

Delta R.T. 0.00 min

Lab File: VX015350.D

Acq: 25 Mar 2020 19:39

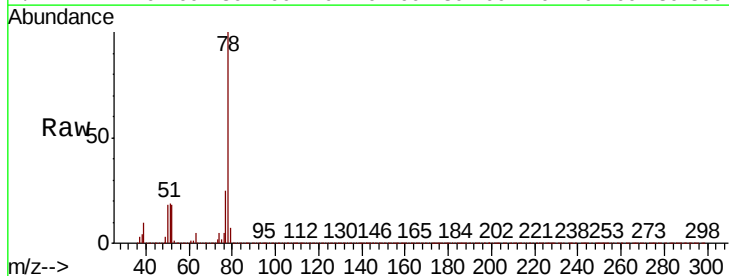
Tgt Ion: 78 Resp: 6874517

Ion Ratio Lower Upper

78 100

77 24.6 19.4 29.2

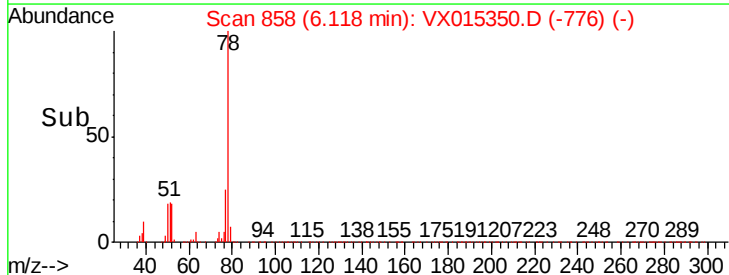
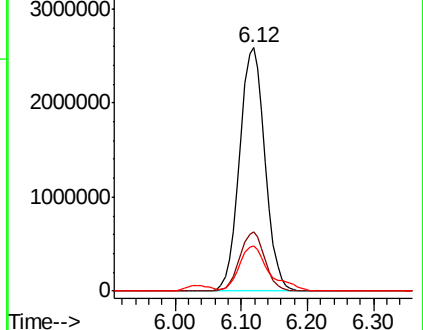
51 18.8 14.6 21.8

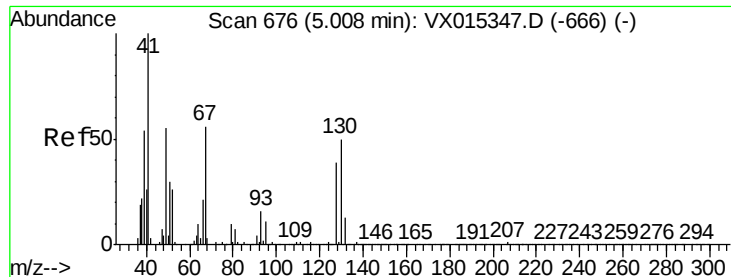


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



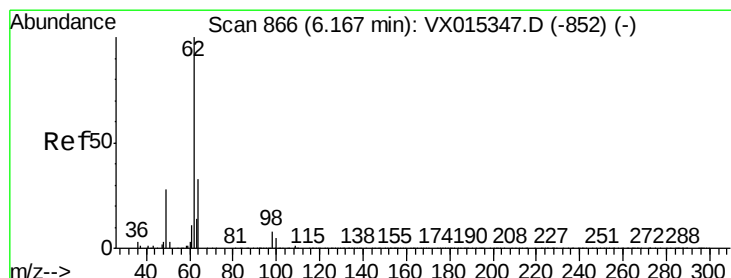
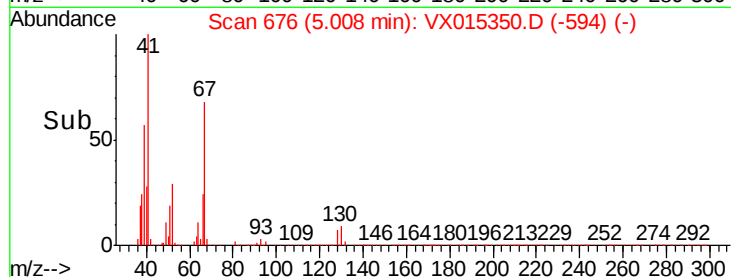
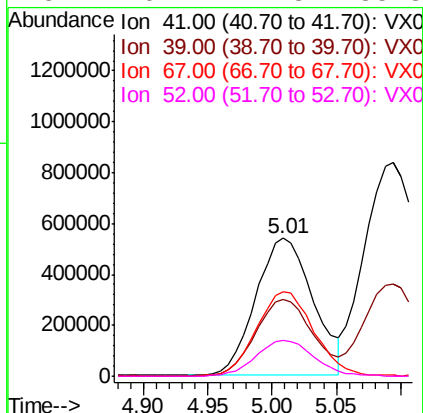
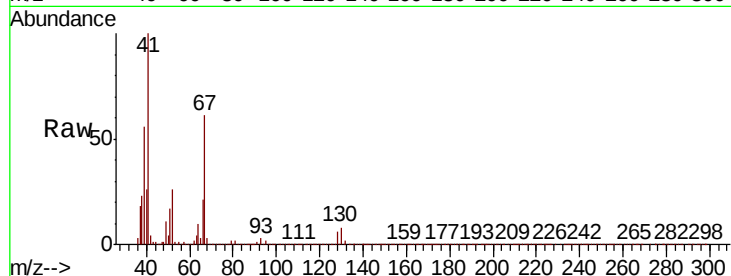


#35
Methacrylonitrile
Concen: 169.066 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015350.D
Acq: 25 Mar 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 41 Resp: 1664118

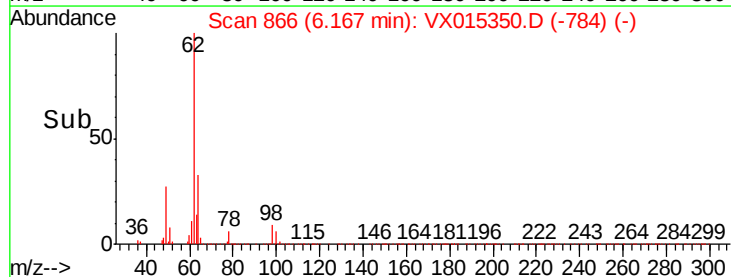
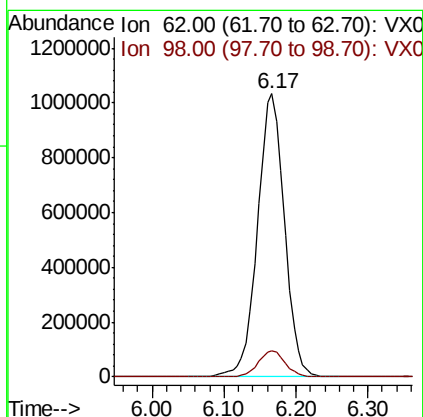
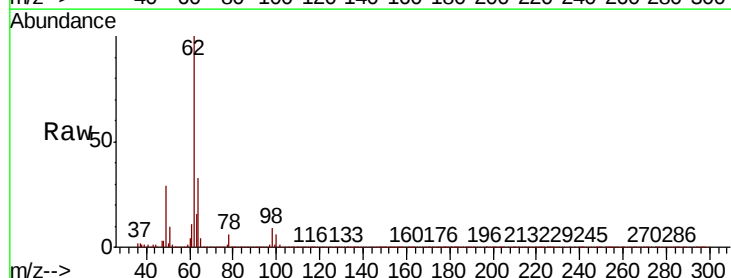
Ion	Ratio	Lower	Upper
41	100		
39	55.7	27.0	81.0
67	61.2	28.2	84.6
52	26.1	12.8	38.3

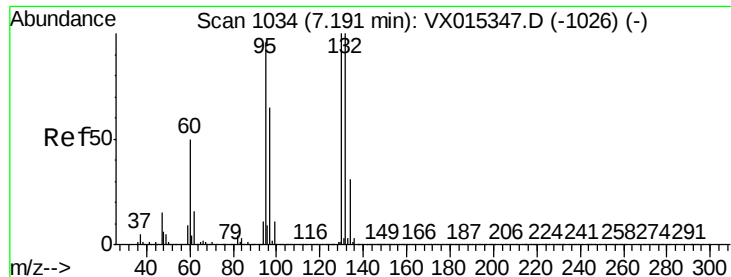


#36
1,2-Dichloroethane
Concen: 160.358 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015350.D
Acq: 25 Mar 2020 19:39

Tgt Ion: 62 Resp: 2692374

Ion	Ratio	Lower	Upper
62	100		
98	9.0	6.9	10.3

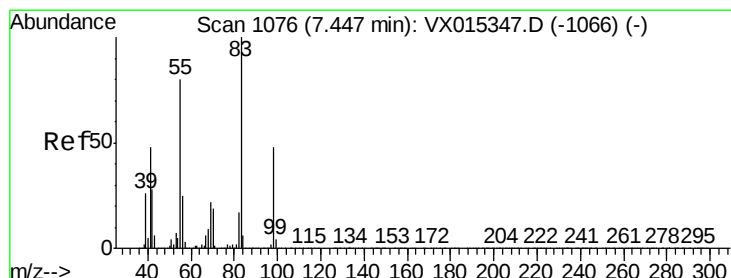
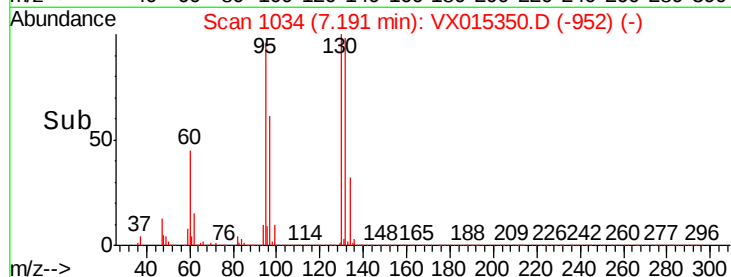
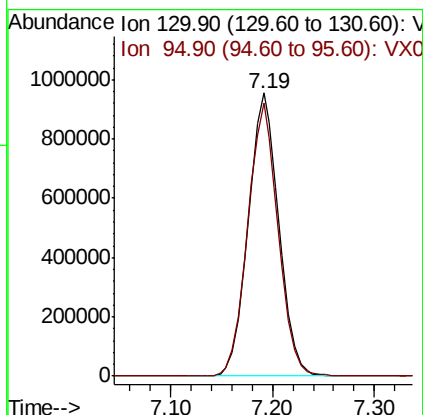
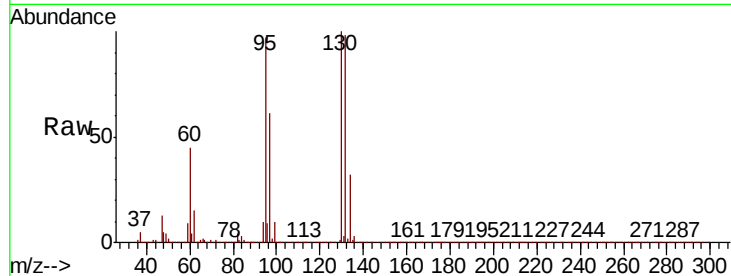




#37
 Trichloroethene
 Concen: 145.426 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015350.D
 Acq: 25 Mar 2020 19:39

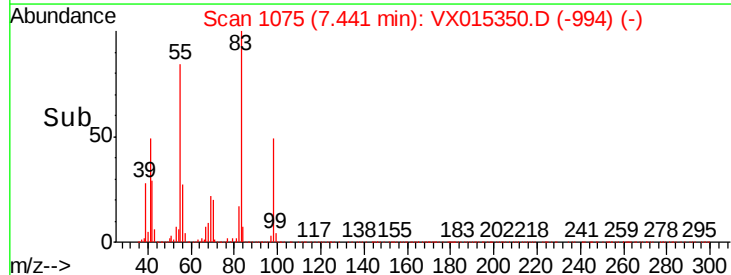
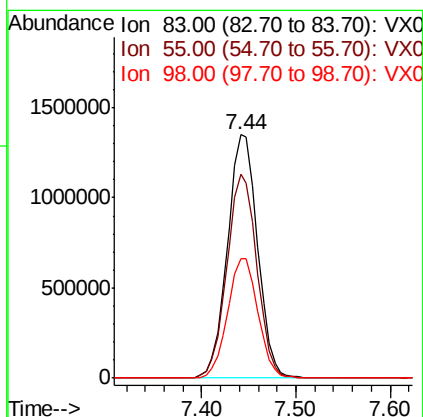
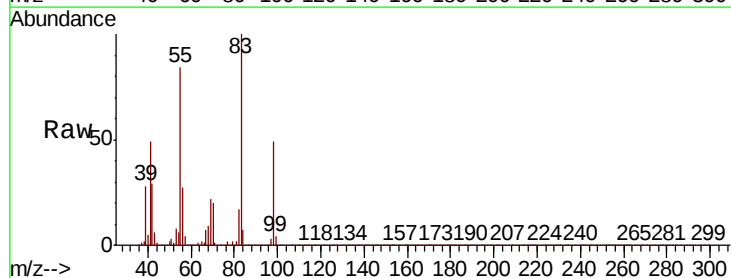
Instrument :
 MSVOA_X
 ClientSampled :

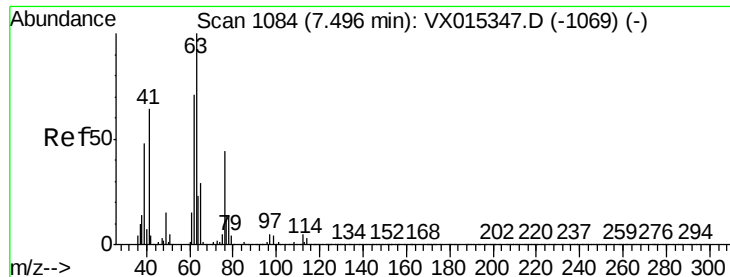
Tot Ion:130 Resp: 1985688
 Ion Ratio Lower Upper
 130 100
 95 96.5 76.4 114.6



#38
 Methylcyclohexane
 Concen: 148.205 ug/l
 RT: 7.44 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: VX015350.D
 Acq: 25 Mar 2020 19:39

Tgt Ion: 83 Resp: 2978319
 Ion Ratio Lower Upper
 83 100
 55 82.9 41.3 124.1
 98 49.7 24.0 72.0

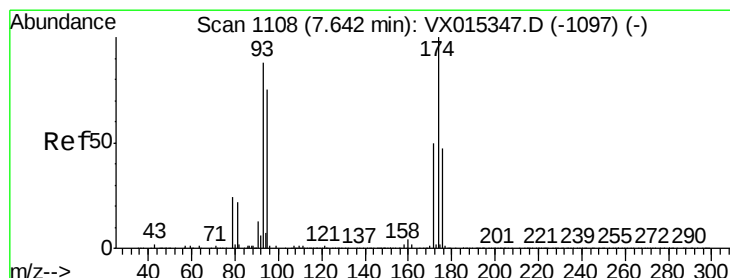
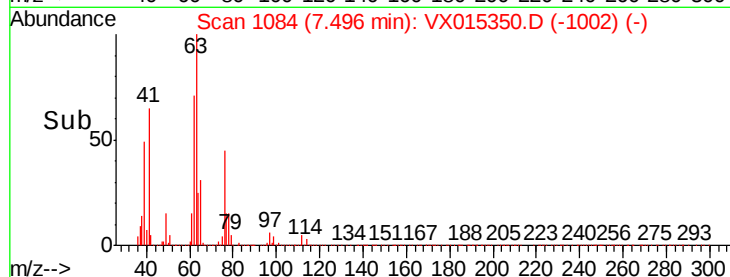
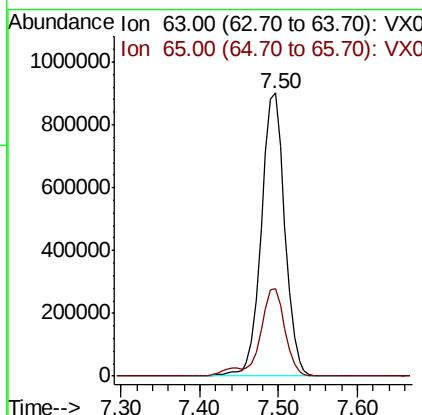
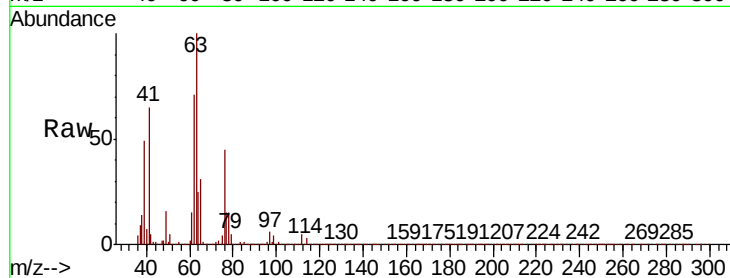




#39
 1,2-Dichloropropane
 Concen: 145.642 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015350.D
 Acq: 25 Mar 2020 19:39

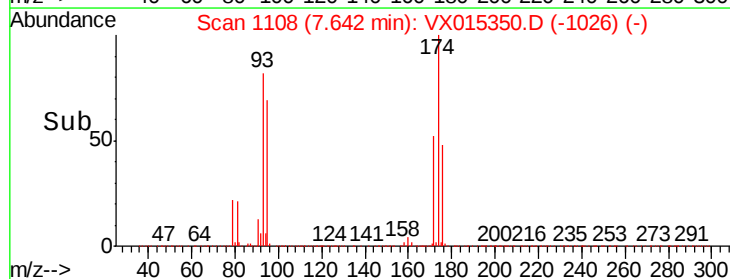
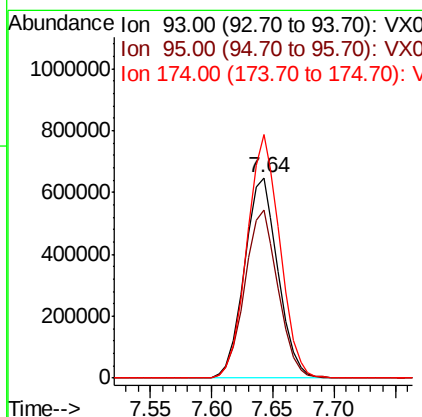
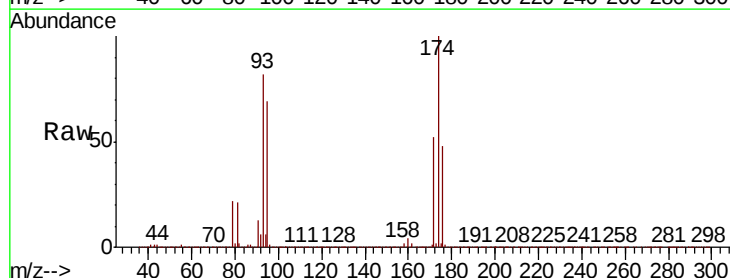
Instrument :
 MSVOA_X
 ClientSampled :

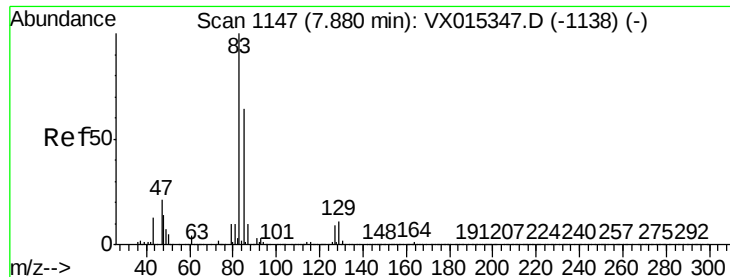
Tot Ion: 63 Resp: 1866507
 Ion Ratio Lower Upper
 63 100
 65 30.8 23.0 34.4



#40
 Dibromomethane
 Concen: 150.563 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015350.D
 Acq: 25 Mar 2020 19:39

Tgt Ion: 93 Resp: 1233678
 Ion Ratio Lower Upper
 93 100
 95 83.0 0.0 166.4
 174 119.4 0.0 225.4





#41

Bromodichloromethane

Concen: 161.049 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015350.D

Acq: 25 Mar 2020 19:39

Instrument :

MSVOA_X

ClientSampleId :

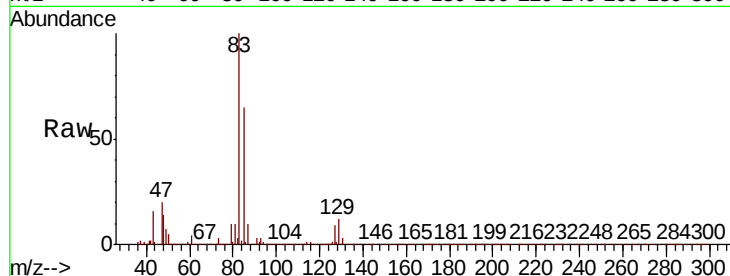
Tot Ion: 83 Resp: 2677802

Ion Ratio Lower Upper

83 100

85 64.5 51.6 77.4

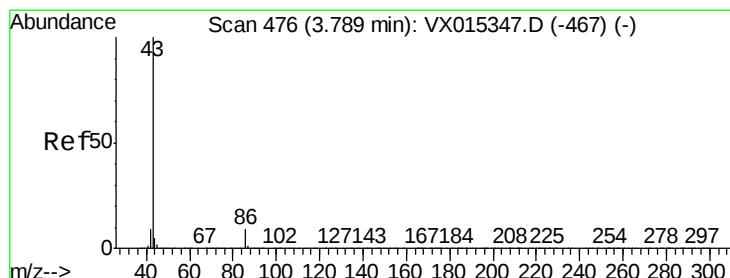
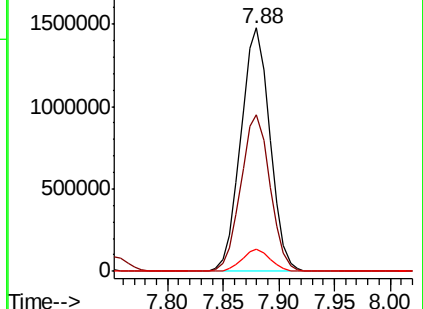
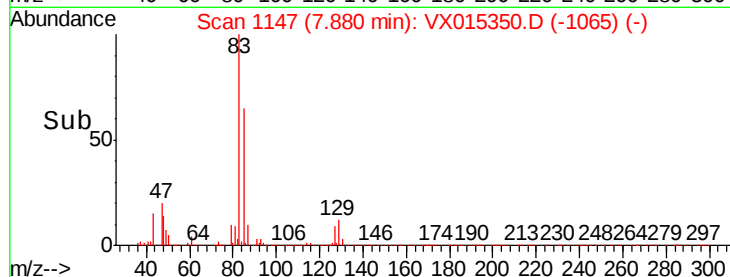
127 8.9 7.0 10.4



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: 688.423 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015350.D

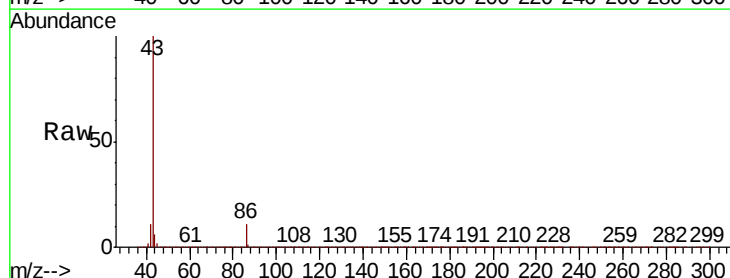
Acq: 25 Mar 2020 19:39

Tgt Ion: 43 Resp: 24494865

Ion Ratio Lower Upper

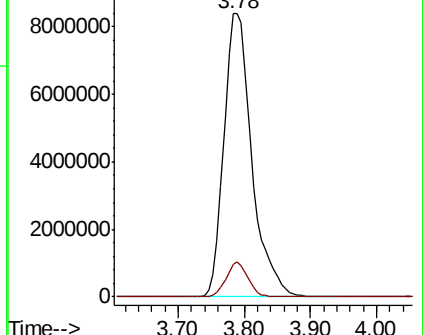
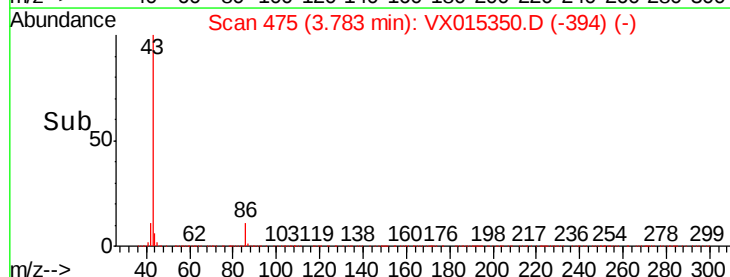
43 100

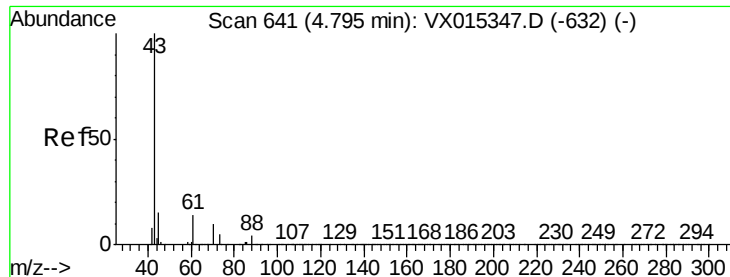
86 9.7 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

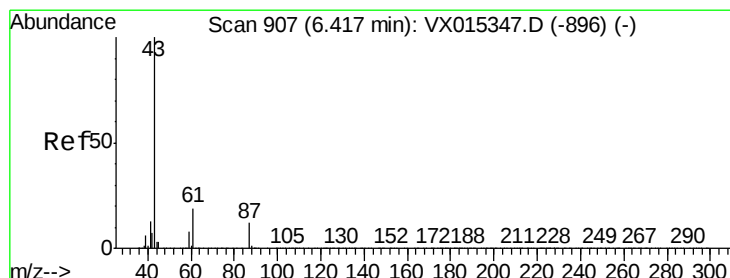
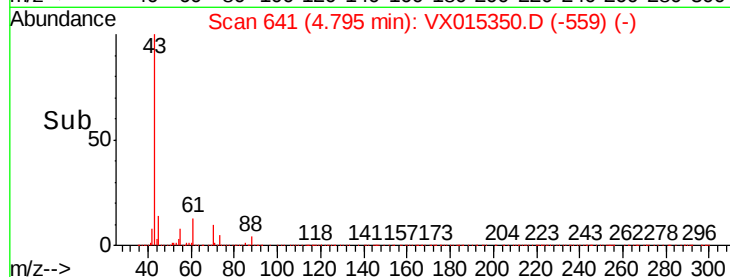
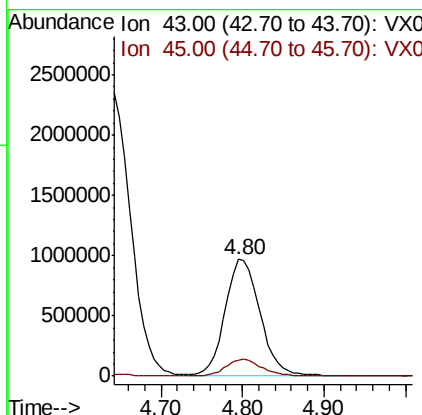
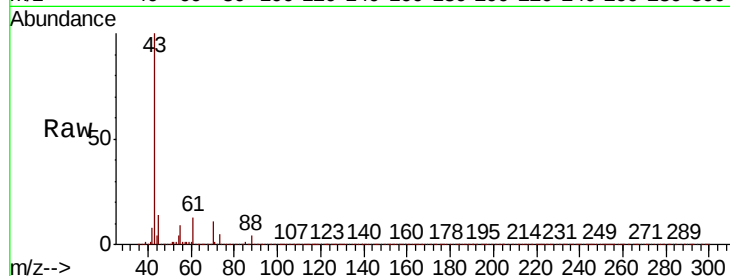




#43
Ethyl Acetate
Concen: 163.344 ug/l
RT: 4.80 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX015350.D
Acq: 25 Mar 2020 19:39

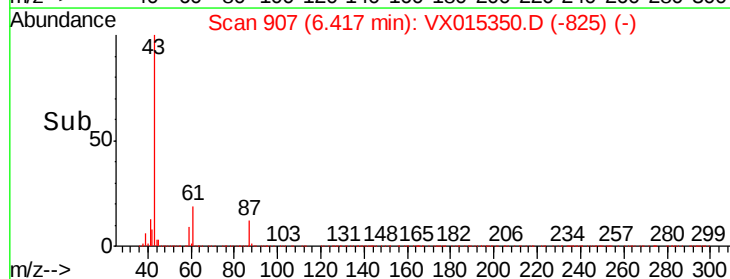
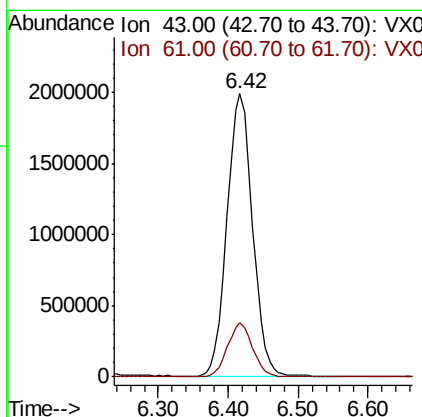
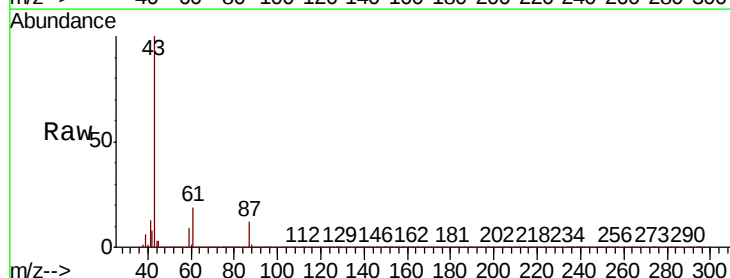
Instrument :
MSVOA_X
ClientSampleId :

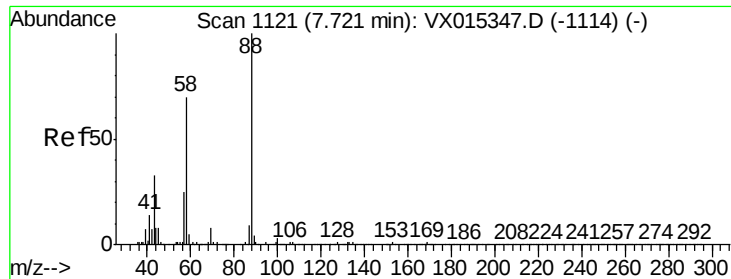
Tot Ion: 43 Resp: 2824612
Ion Ratio Lower Upper
43 100
45 14.9 12.2 18.4



#44
Isopropyl Acetate
Concen: 171.418 ug/l
RT: 6.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: VX015350.D
Acq: 25 Mar 2020 19:39

Tgt Ion: 43 Resp: 5007111
Ion Ratio Lower Upper
43 100
61 18.8 14.6 22.0

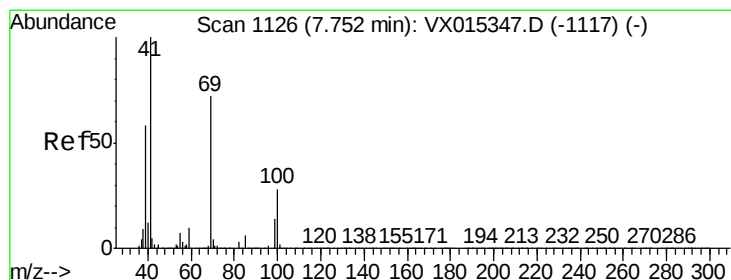
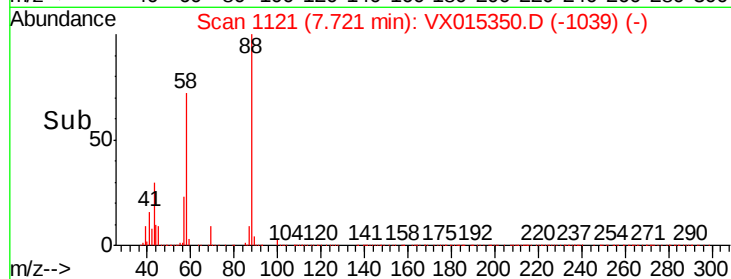
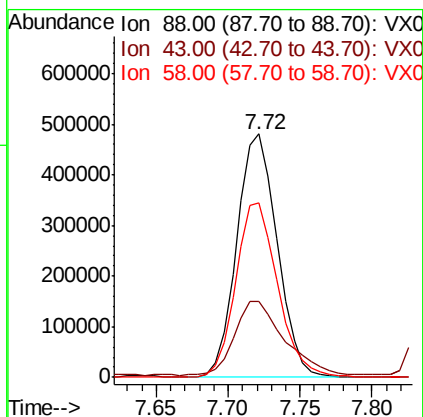
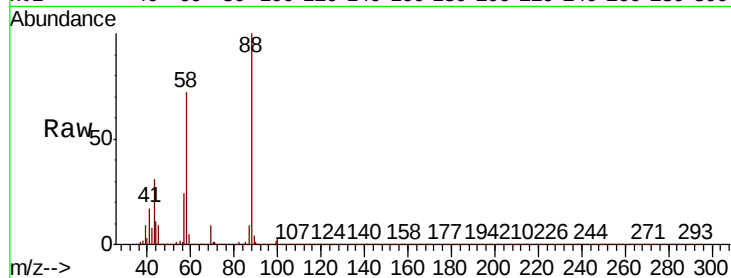




#45
1,4-Dioxane
Concen: 3248.514 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. 0.00 min
Lab File: VX015350.D
Acq: 25 Mar 2020 19:39

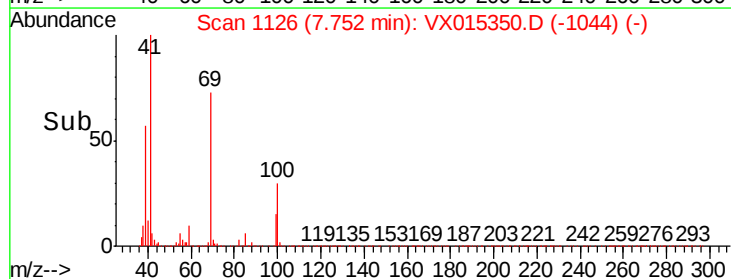
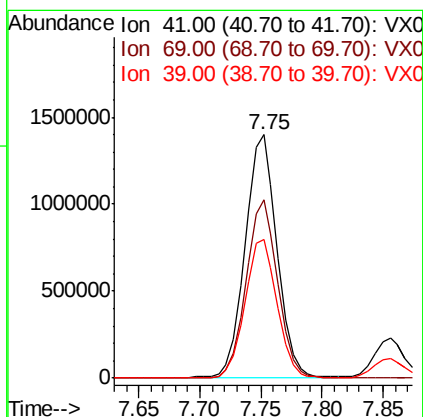
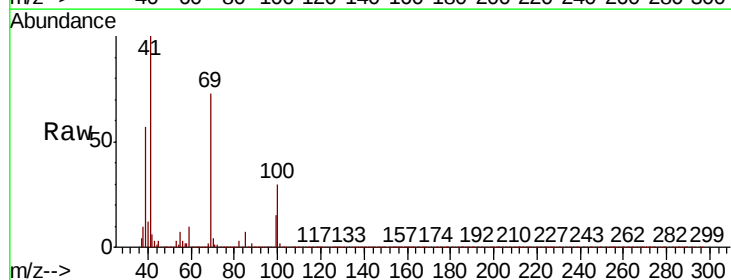
Instrument :
MSVOA_X
ClientSampleId :

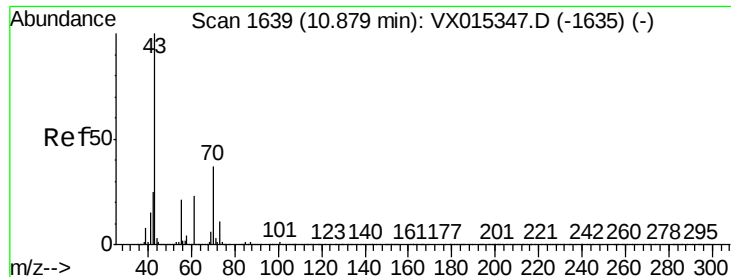
Tot Ion	Ratio	Lower	Upper
88	100		
43	37.1	32.1	48.1
58	74.4	59.4	89.0



#46
Methyl methacrylate
Concen: 172.605 ug/l
RT: 7.75 min Scan# 1126
Delta R.T. 0.00 min
Lab File: VX015350.D
Acq: 25 Mar 2020 19:39

Tgt Ion	Ratio	Lower	Upper
41	100		
69	73.2	35.8	107.4
39	57.1	28.9	86.8





#47

n-amvl Acetate

Concen: 173.913 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. 0.01 min

Lab File: VX015350.D

Acq: 25 Mar 2020 19:39

Instrument :

MSVOA_X

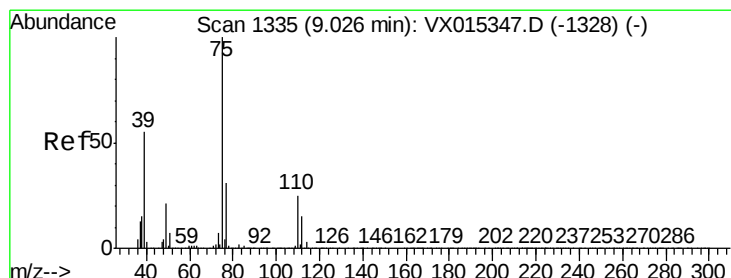
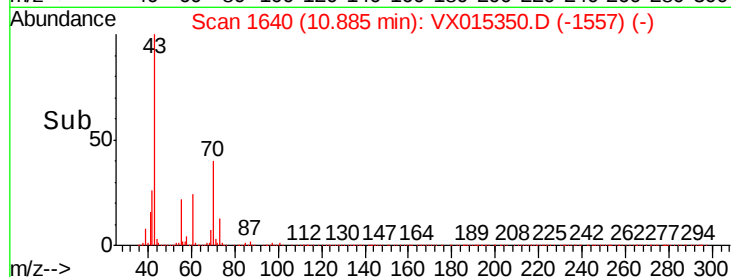
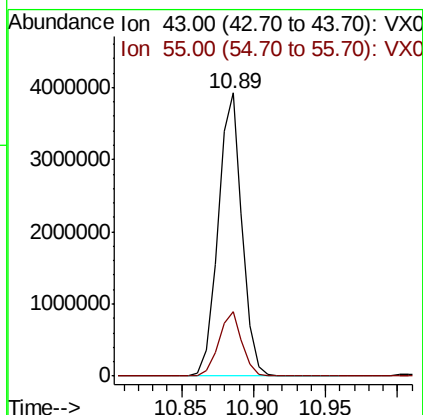
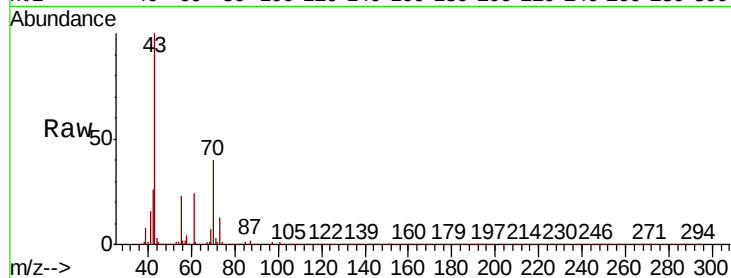
ClientSampleId :

Tot Ion: 43 Resp: 4522219

Ion Ratio Lower Upper

43 100

55 21.9 17.0 25.6



#48

t-1,3-Dichloropropene

Concen: 173.168 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX015350.D

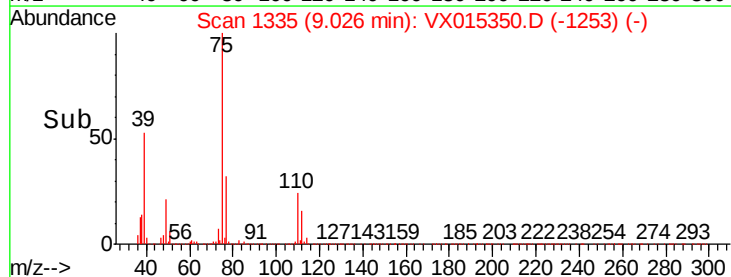
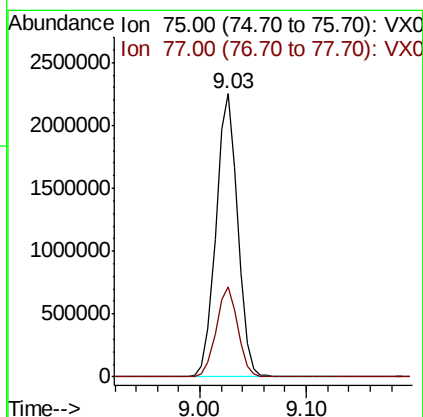
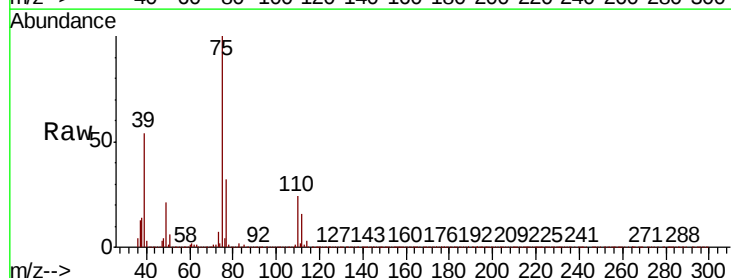
Acq: 25 Mar 2020 19:39

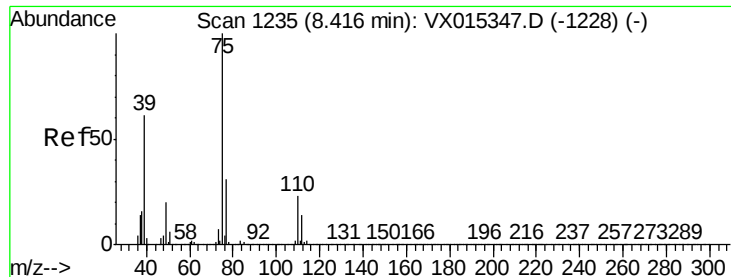
Tgt Ion: 75 Resp: 3172608

Ion Ratio Lower Upper

75 100

77 31.8 24.6 37.0



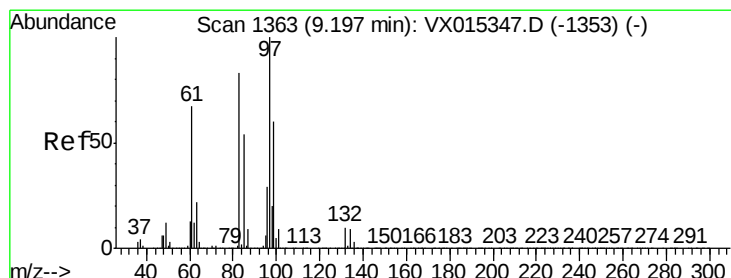
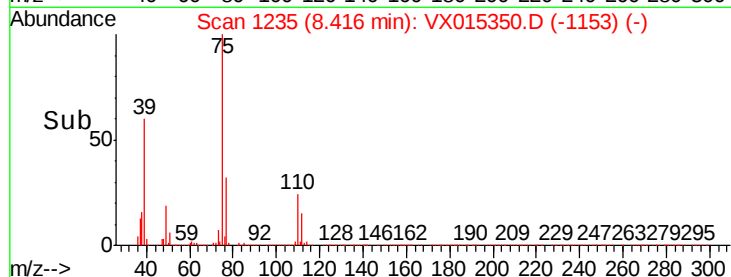
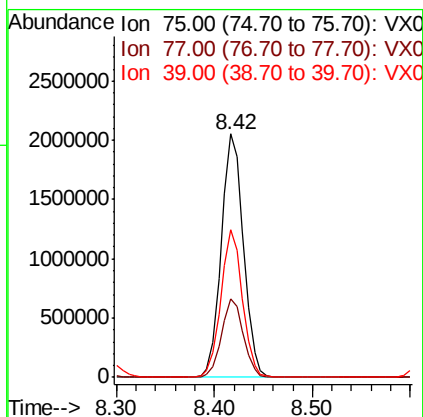
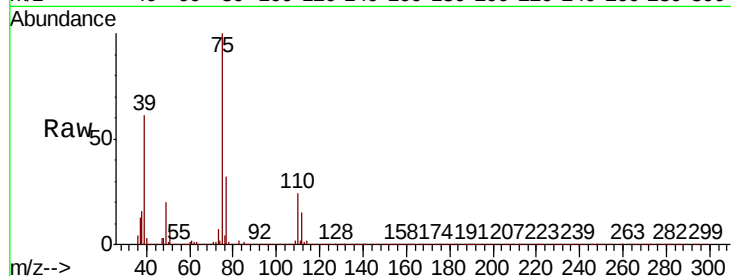


#49

cis-1,3-Dichloropropene
Concen: 158.474 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015350.D
Acq: 25 Mar 2020 19:39

Instrument :
MSVOA_X
ClientSampled :

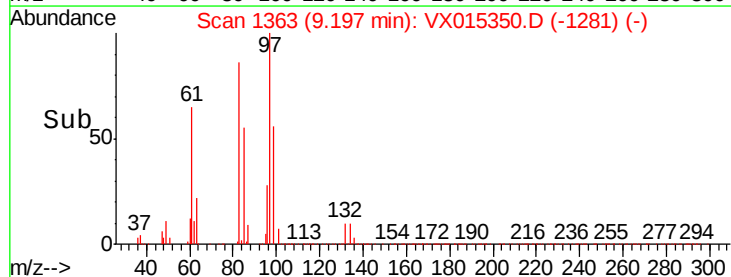
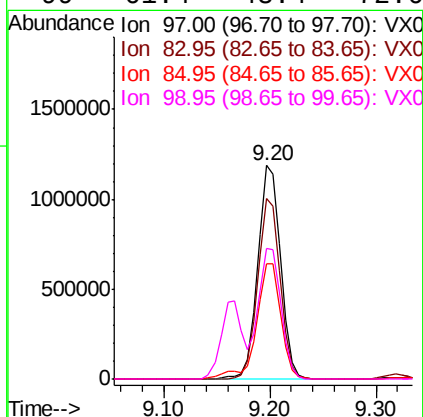
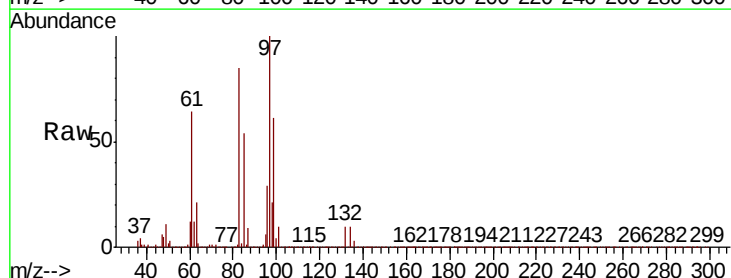
Tot Ion: 75 Resp: 3214940
Ion Ratio Lower Upper
75 100
77 32.0 24.6 36.8
39 60.4 48.9 73.3

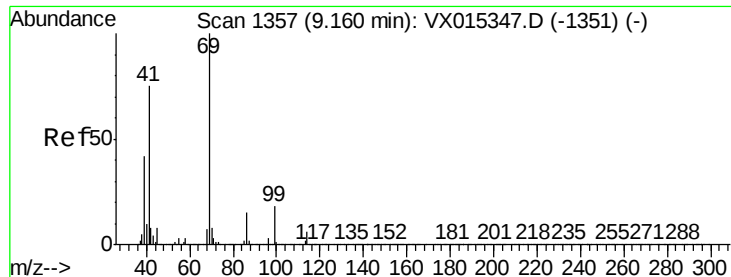


#50

1,1,2-Trichloroethane
Concen: 147.822 ug/l
RT: 9.20 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VX015350.D
Acq: 25 Mar 2020 19:39

Tgt Ion: 97 Resp: 1782479
Ion Ratio Lower Upper
97 100
83 84.6 66.8 100.2
85 54.1 43.3 64.9
99 61.4 48.4 72.6





#51

Ethyl methacrylate

Concen: 162.863 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

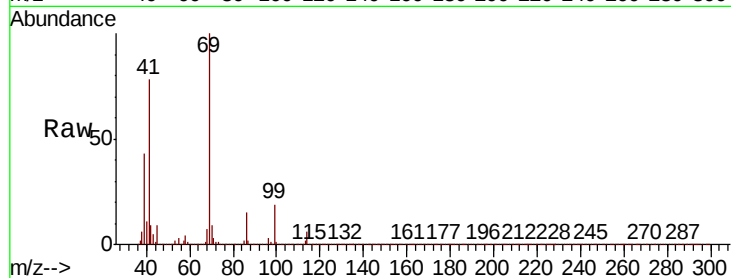
Lab File: VX015350.D

Acq: 25 Mar 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 69 Resp: 3125242

Ion	Ratio	Lower	Upper
69	100		
41	77.8	37.4	112.2
39	42.5	21.1	63.1

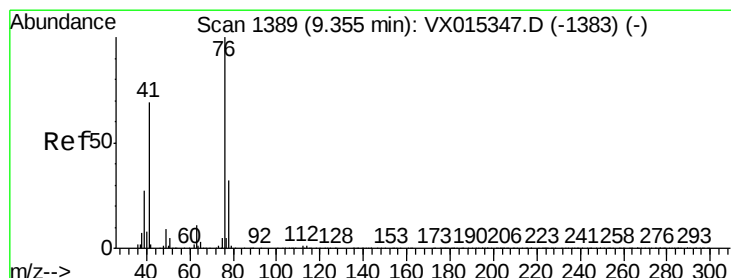
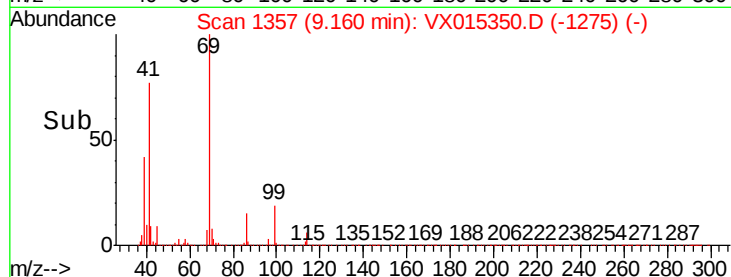
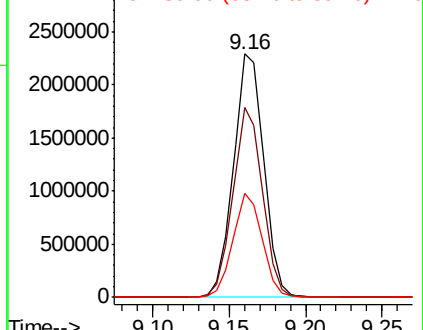


Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 149.607 ug/l

RT: 9.36 min Scan# 1389

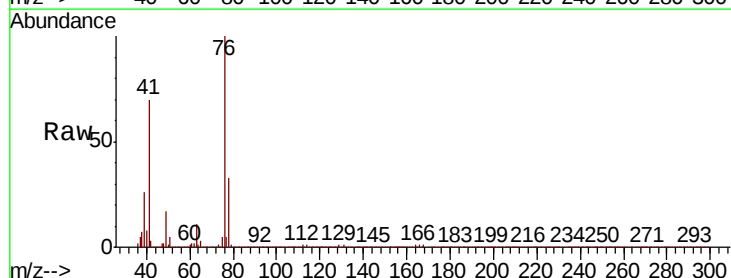
Delta R.T. 0.00 min

Lab File: VX015350.D

Acq: 25 Mar 2020 19:39

Tgt Ion: 76 Resp: 3070020

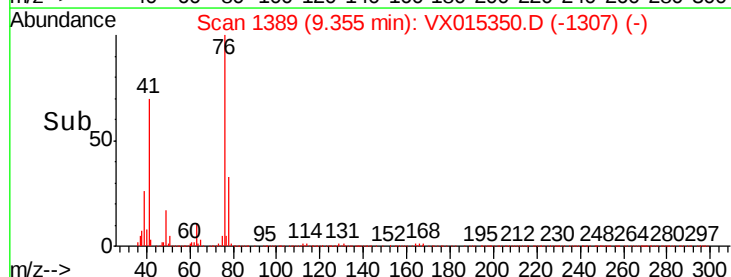
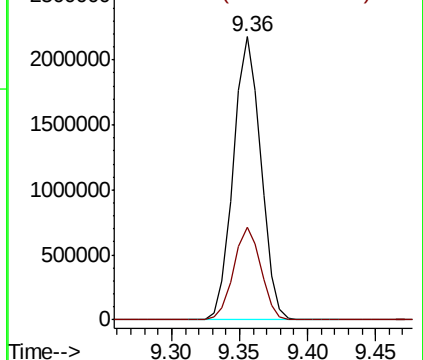
Ion	Ratio	Lower	Upper
76	100		
78	32.3	0.0	63.2

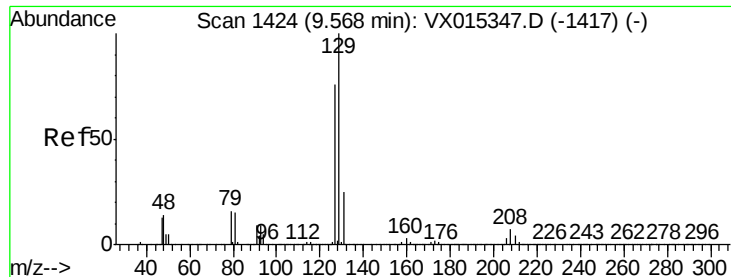


Abundance

Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 169.425 ug/l

RT: 9.57 min Scan# 1424

Delta R.T. 0.00 min

Lab File: VX015350.D

Acq: 25 Mar 2020 19:39

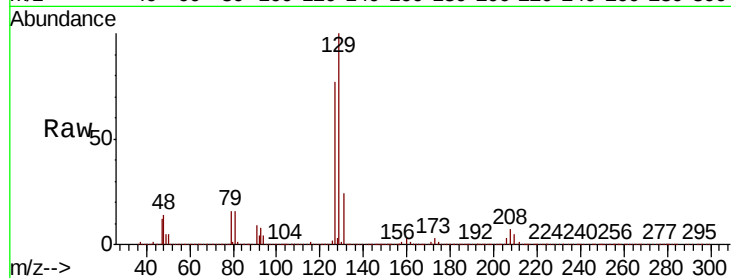
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 2249320

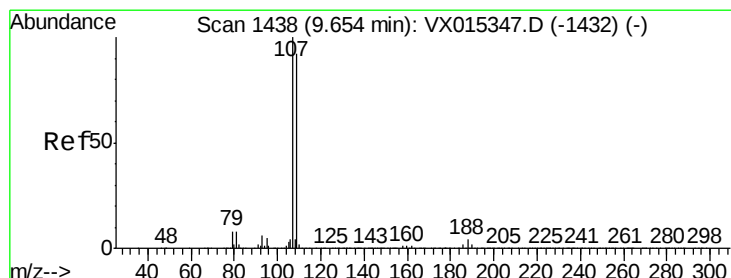
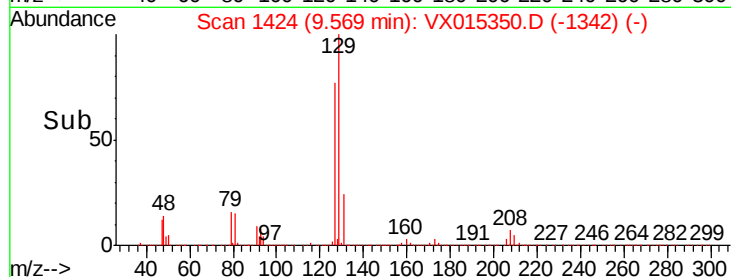
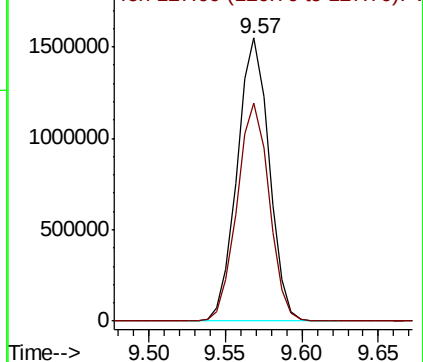
Ion Ratio Lower Upper

129 100

127 77.0 38.6 115.7



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 154.962 ug/l

RT: 9.66 min Scan# 1439

Delta R.T. 0.01 min

Lab File: VX015350.D

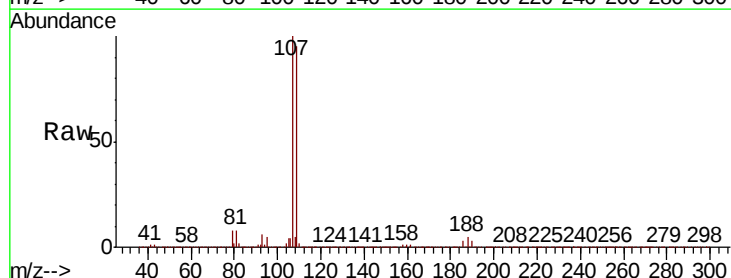
Acq: 25 Mar 2020 19:39

Tgt Ion:107 Resp: 1941682

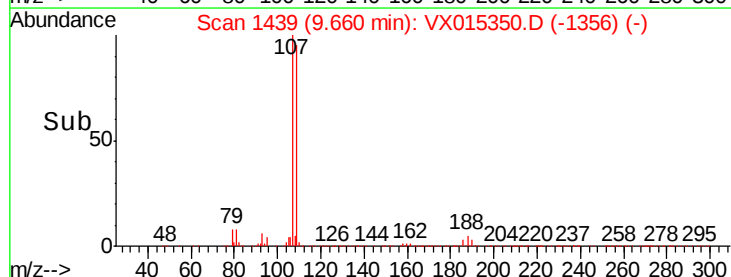
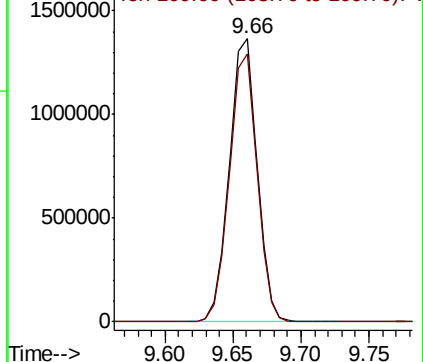
Ion Ratio Lower Upper

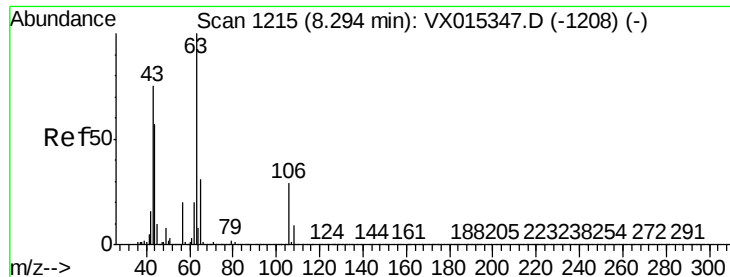
107 100

109 94.7 75.0 112.6



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V

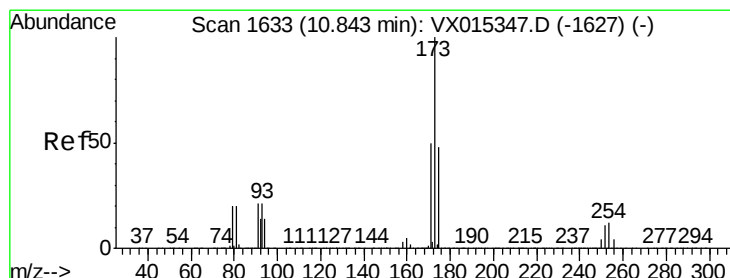
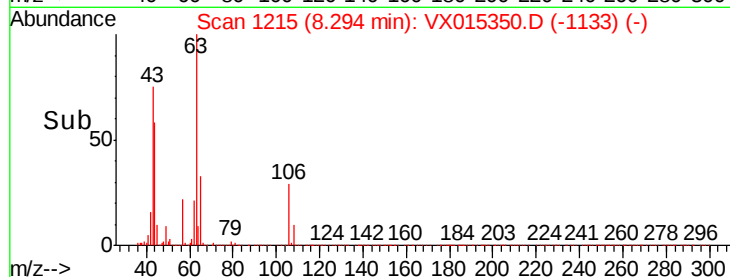
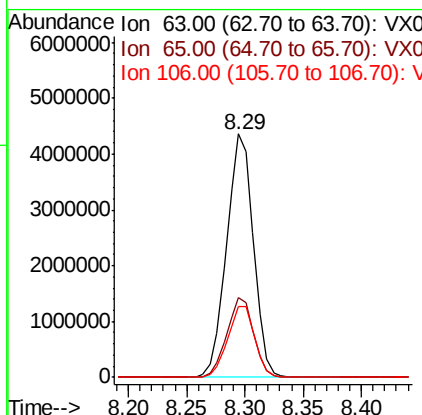
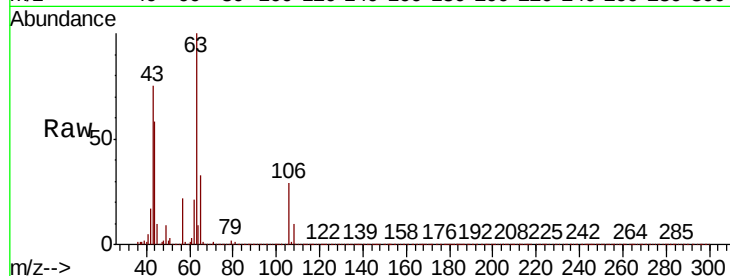




#55
2-Chloroethyl vinyl ether
Concen: 727.312 ug/l
RT: 8.29 min Scan# 1215
Delta R.T. 0.00 min
Lab File: VX015350.D
Acq: 25 Mar 2020 19:39

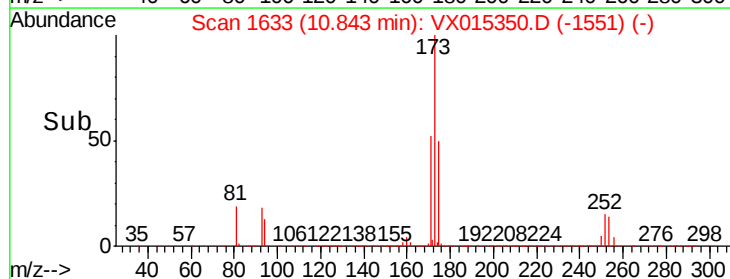
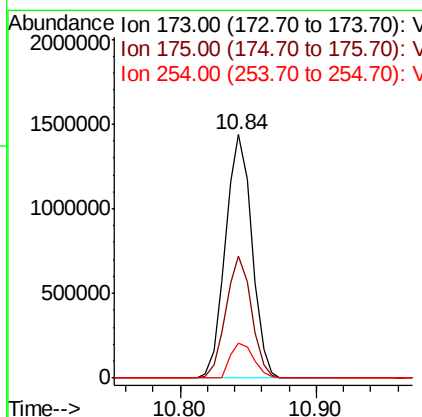
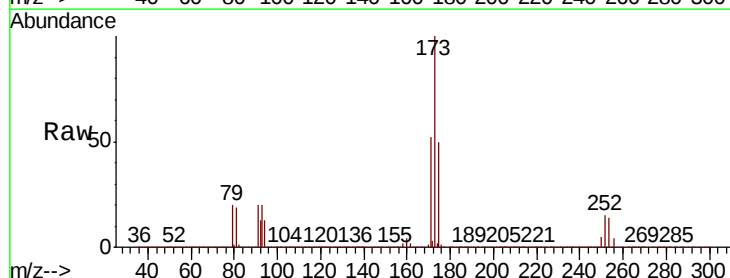
Instrument :
MSVOA_X
ClientSampled :

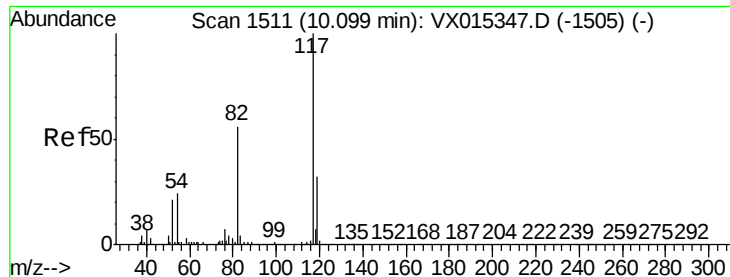
Tot Ion: 63 Resp: 6961039
Ion Ratio Lower Upper
63 100
65 32.6 25.5 38.3
106 29.6 23.1 34.7



#56
Bromoform
Concen: 186.099 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015350.D
Acq: 25 Mar 2020 19:39

Tgt Ion: 173 Resp: 1939730
Ion Ratio Lower Upper
173 100
175 48.6 39.0 58.4
254 12.7 9.4 14.2

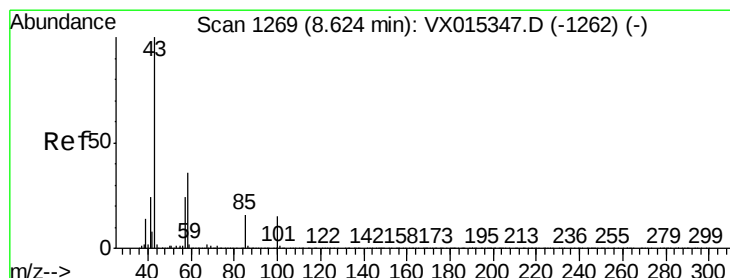
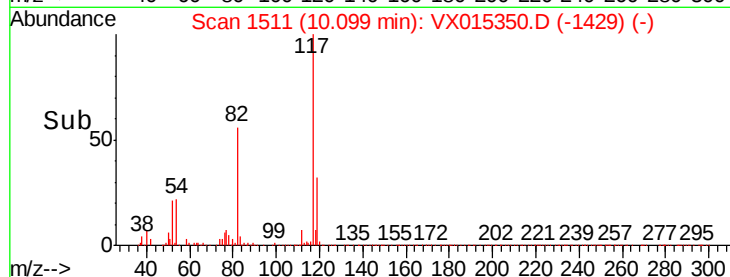
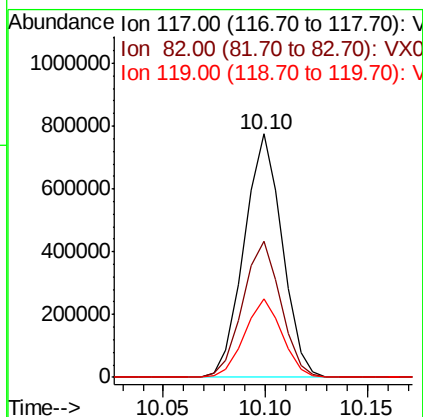
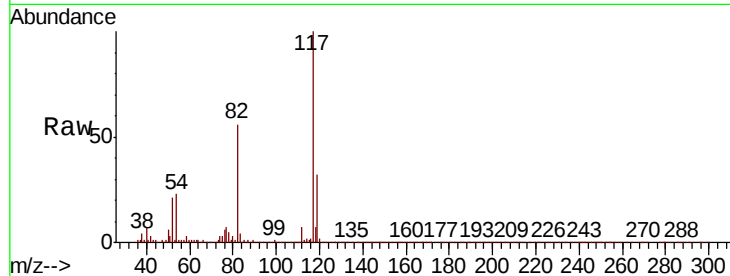




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015350.D
Acq: 25 Mar 2020 19:39

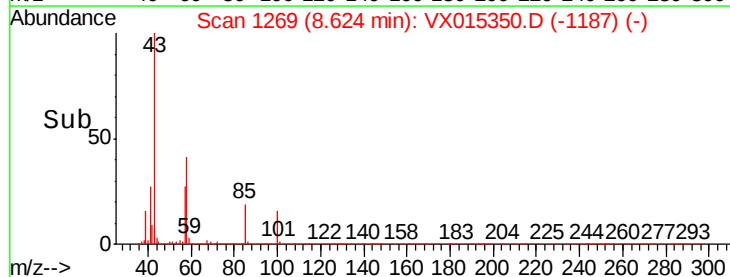
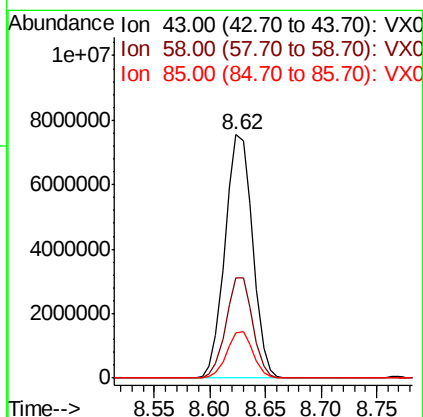
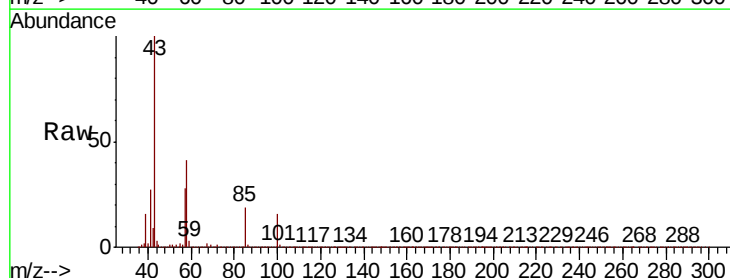
Instrument :
MSVOA_X
ClientSampleId :

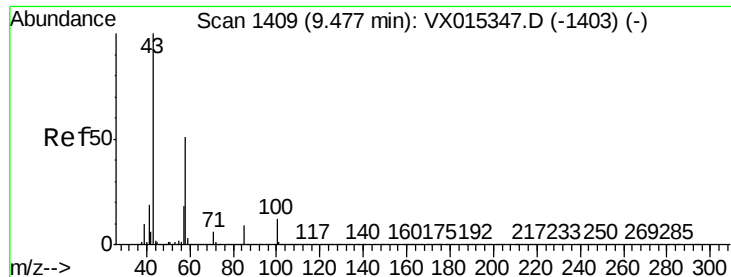
Tot Ion:117 Resp: 1003203
Ion Ratio Lower Upper
117 100
82 56.0 45.0 67.6
119 31.8 25.5 38.3



#58
4-Methyl-2-Pentanone
Concen: 727.736 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015350.D
Acq: 25 Mar 2020 19:39

Tgt Ion: 43 Resp:12934578
Ion Ratio Lower Upper
43 100
58 39.8 29.4 44.0
85 18.2 13.0 19.4

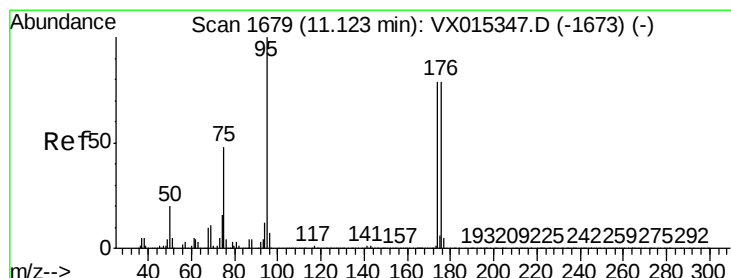
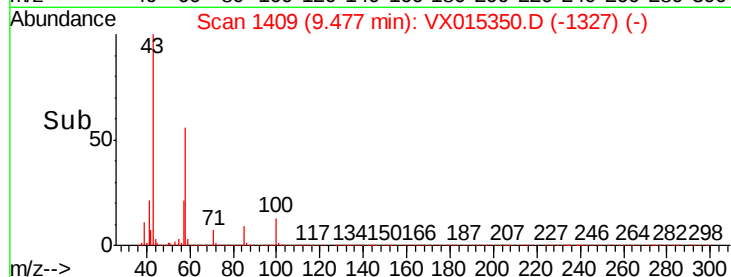
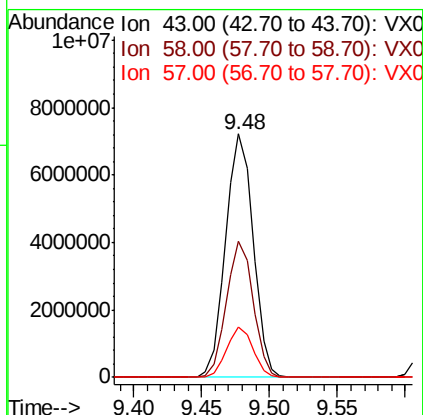
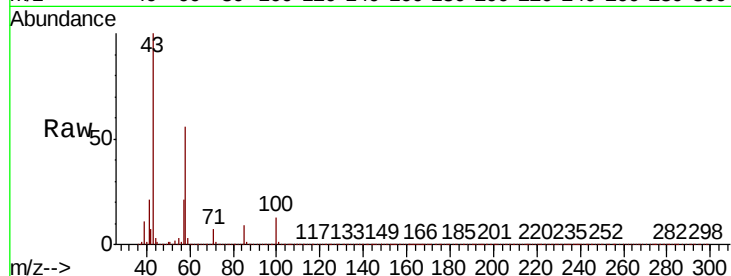




#59
2-Hexanone
Concen: 756.983 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015350.D
Acq: 25 Mar 2020 19:39

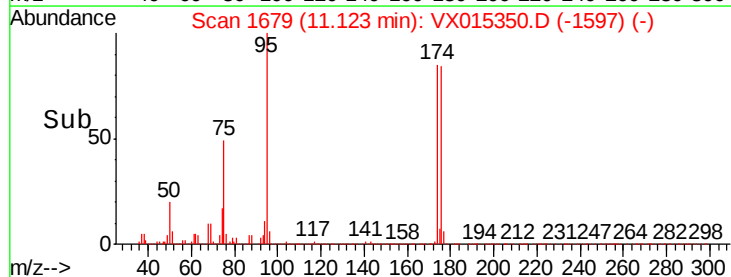
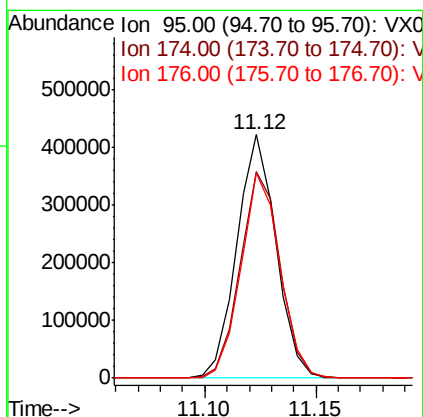
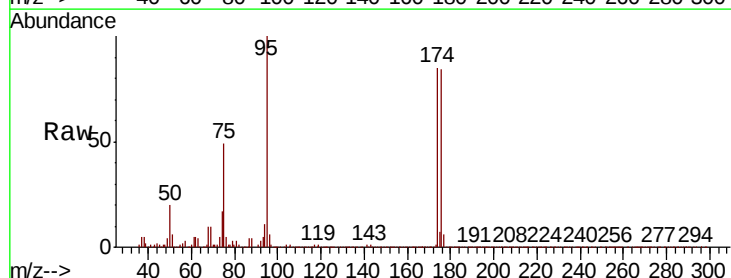
Instrument :
MSVOA_X
ClientSampleId :

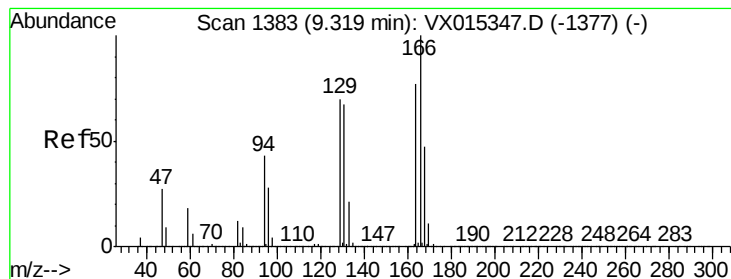
Tot Ion: 43 Resp:10157998
Ion Ratio Lower Upper
43 100
58 54.3 40.2 60.4
57 19.8 14.6 22.0



#60
4-Bromofluorobenzene
Concen: 31.597 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015350.D
Acq: 25 Mar 2020 19:39

Tgt Ion: 95 Resp: 513693
Ion Ratio Lower Upper
95 100
174 87.2 66.4 99.6
176 84.7 64.1 96.1





#61

Tetrachloroethene

Concen: 138.096 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX015350.D

Acq: 25 Mar 2020 19:39

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:164 Resp: 1905365

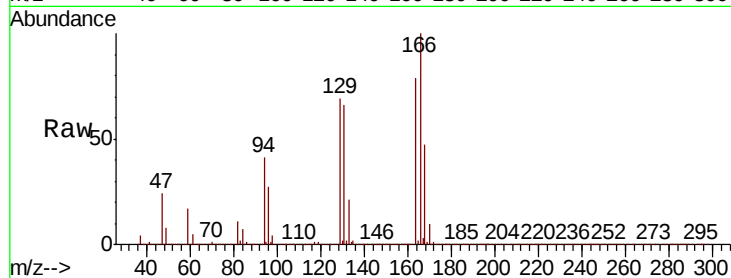
Ion Ratio Lower Upper

164 100

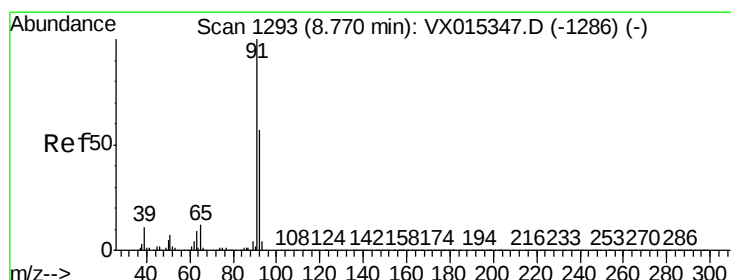
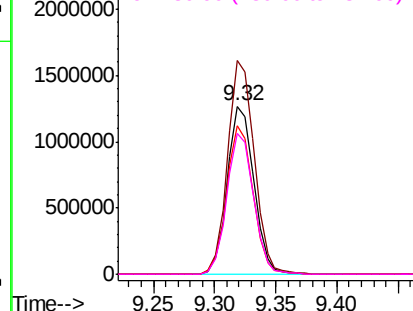
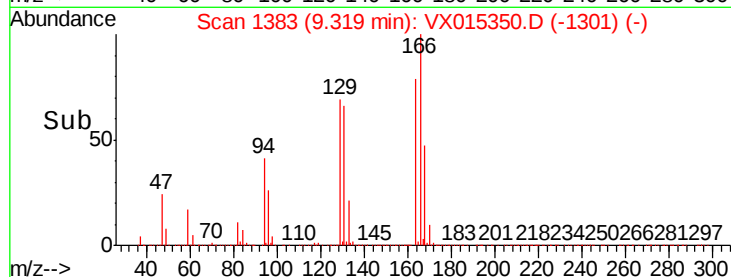
166 127.2 103.6 155.4

129 88.2 72.6 108.8

131 83.8 69.8 104.6



Abundance Ion 163.85 (163.55 to 164.55): V
2500000
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: 137.275 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015350.D

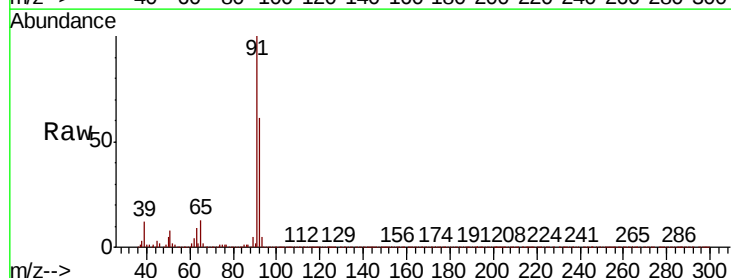
Acq: 25 Mar 2020 19:39

Tgt Ion: 91 Resp: 7295593

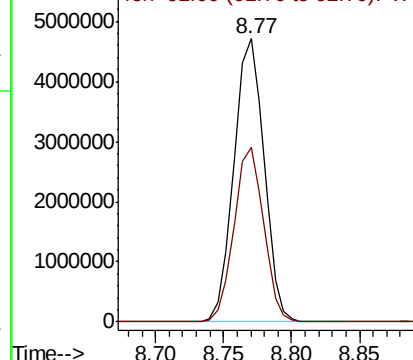
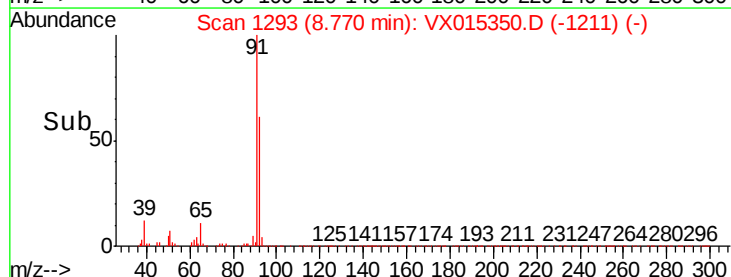
Ion Ratio Lower Upper

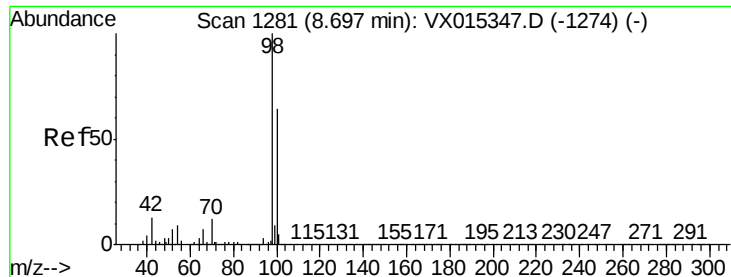
91 100

92 60.1 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: 28.401 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015350.D

Acq: 25 Mar 2020 19:39

Instrument :

MSVOA_X

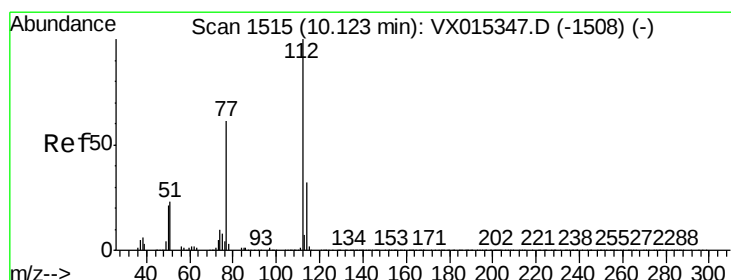
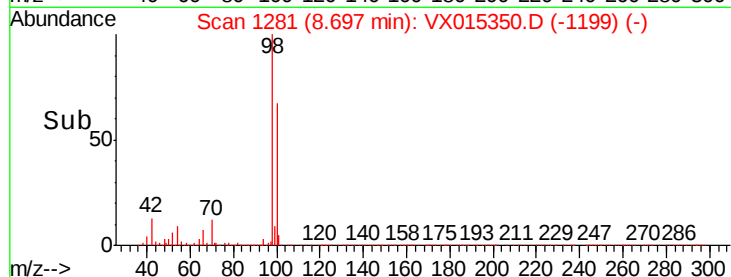
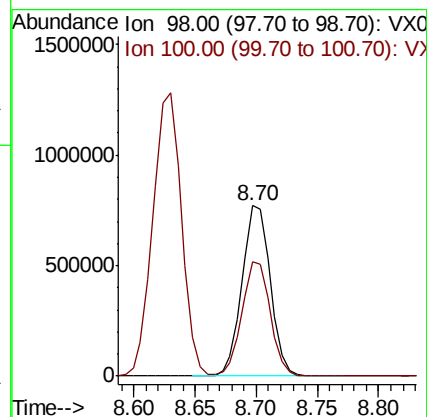
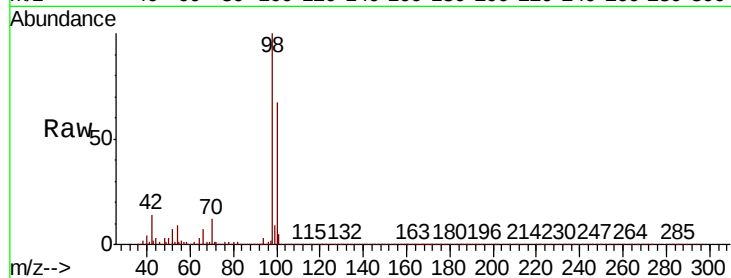
ClientSampled :

Tot Ion: 98 Resp: 1232685

Ion Ratio Lower Upper

98 100

100 67.1 52.2 78.2



#64

Chlorobenzene

Concen: 144.799 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015350.D

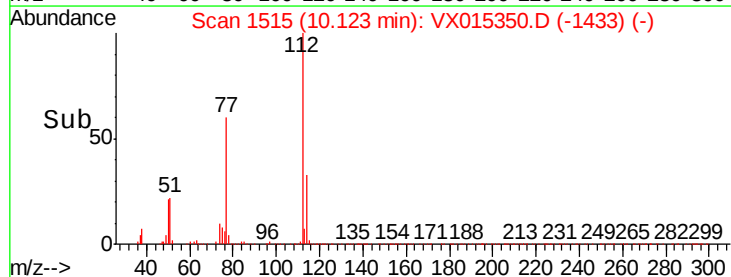
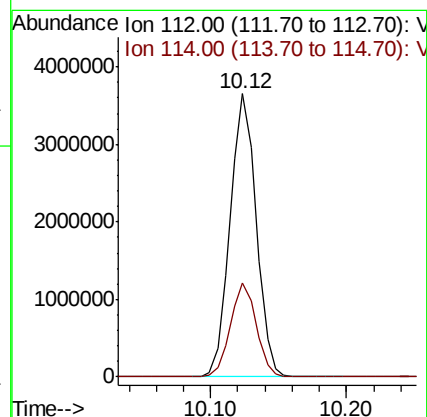
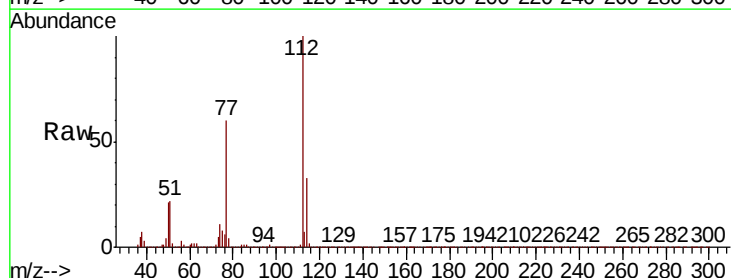
Acq: 25 Mar 2020 19:39

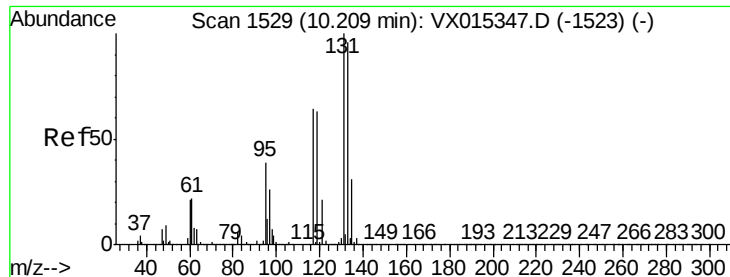
Tgt Ion: 112 Resp: 4857693

Ion Ratio Lower Upper

112 100

114 33.1 25.8 38.8

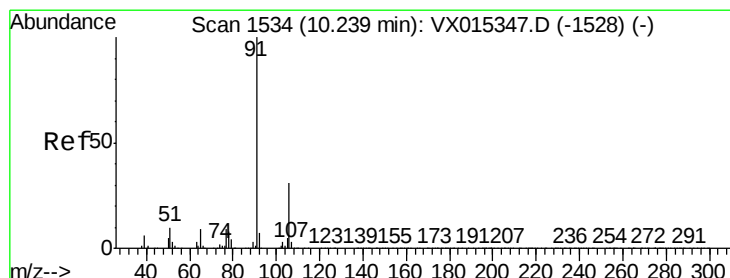
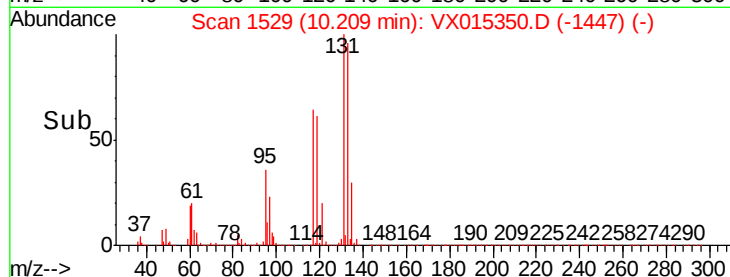
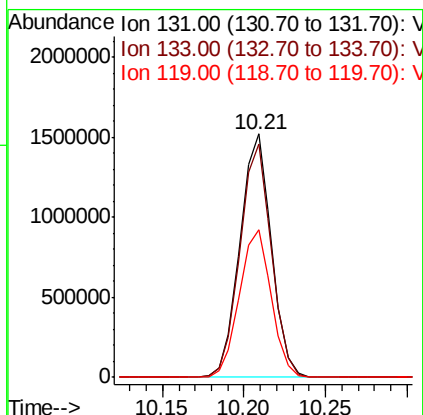
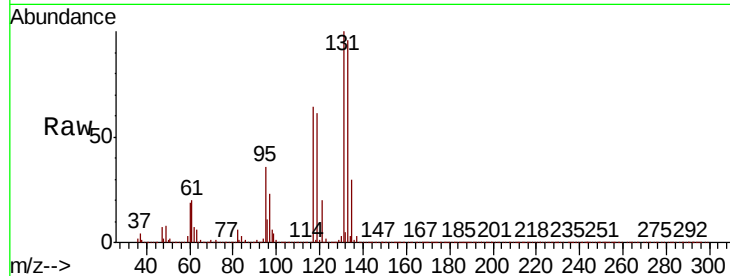




#65
 1,1,1,2-Tetrachloroethane
 Concen: 161.943 ug/l
 RT: 10.21 min Scan# 1529
 Delta R.T. 0.00 min
 Lab File: VX015350.D
 Acq: 25 Mar 2020 19:39

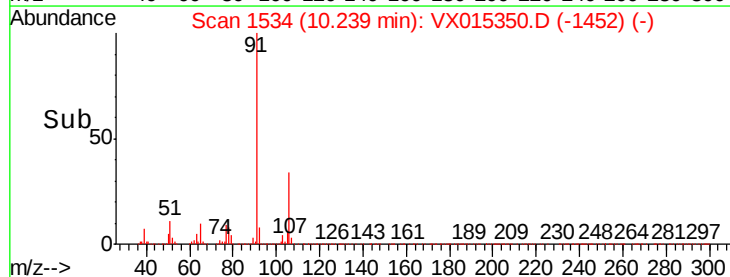
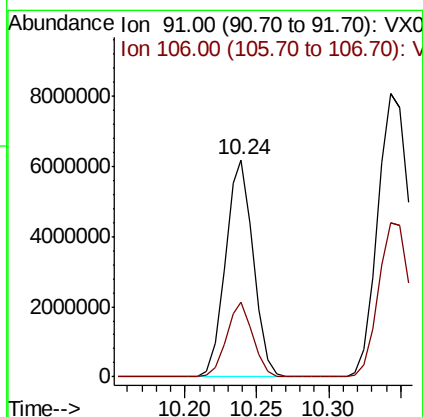
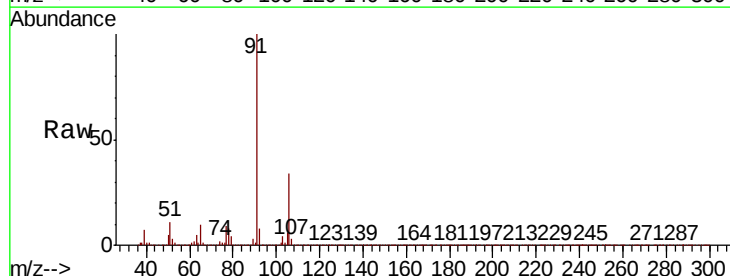
Instrument :
 MSVOA_X
 ClientSampleId :

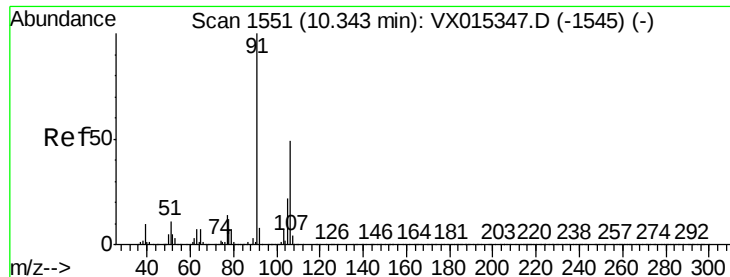
Tot Ion:131 Resp: 2039184
 Ion Ratio Lower Upper
 131 100
 133 95.9 0.0 193.6
 119 61.6 0.0 128.0



#66
 Ethyl Benzene
 Concen: 141.236 ug/l
 RT: 10.24 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VX015350.D
 Acq: 25 Mar 2020 19:39

Tgt Ion: 91 Resp: 8345270
 Ion Ratio Lower Upper
 91 100
 106 34.4 25.0 37.6

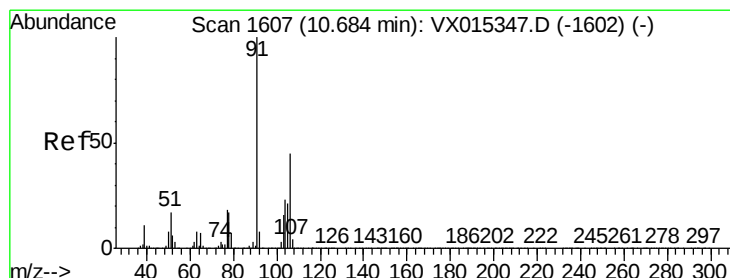
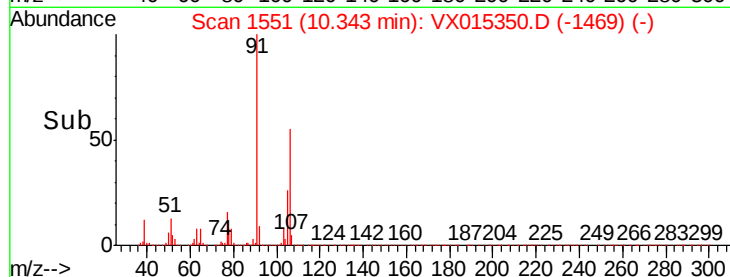
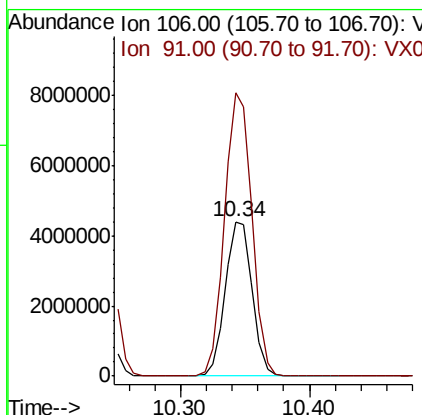
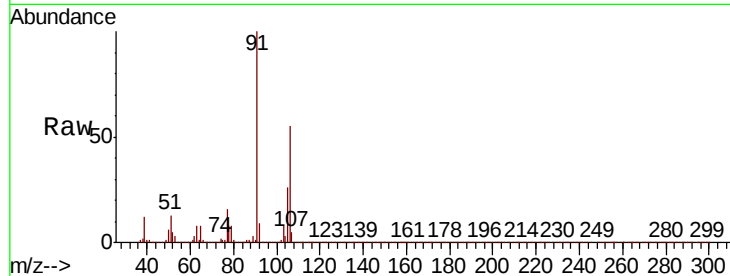




#67
m/p-Xylenes
Concen: 284.437 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015350.D
Acq: 25 Mar 2020 19:39

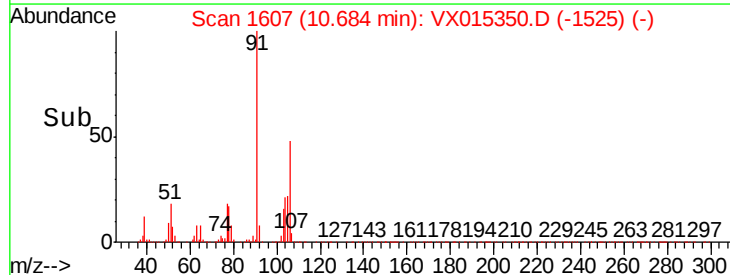
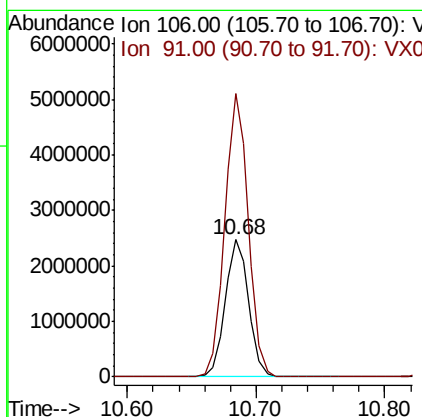
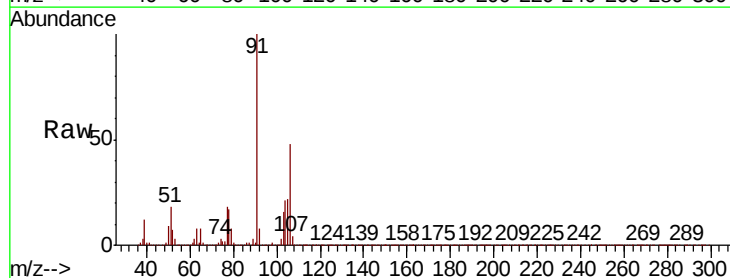
Instrument :
MSVOA_X
ClientSampleId :

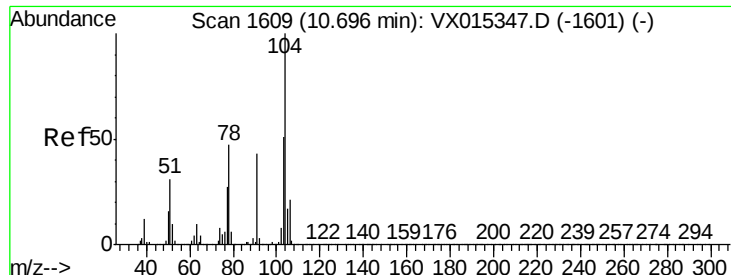
Tot Ion:106 Resp: 6421288
Ion Ratio Lower Upper
106 100
91 186.9 165.0 247.4



#68
o-Xylene
Concen: 145.324 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015350.D
Acq: 25 Mar 2020 19:39

Tgt Ion:106 Resp: 3162155
Ion Ratio Lower Upper
106 100
91 207.1 109.1 327.2

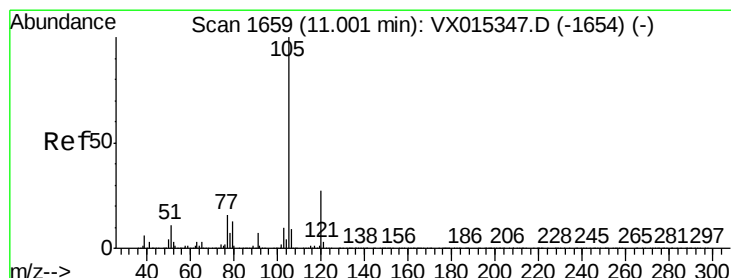
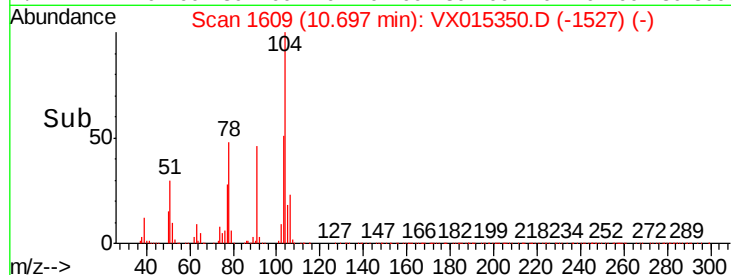
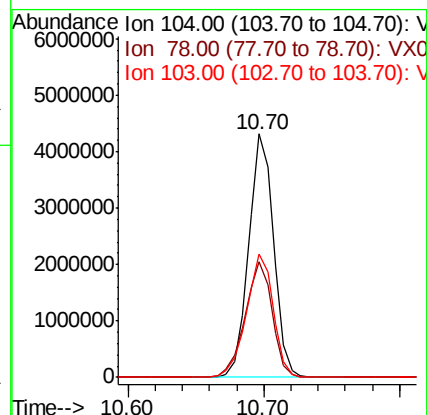
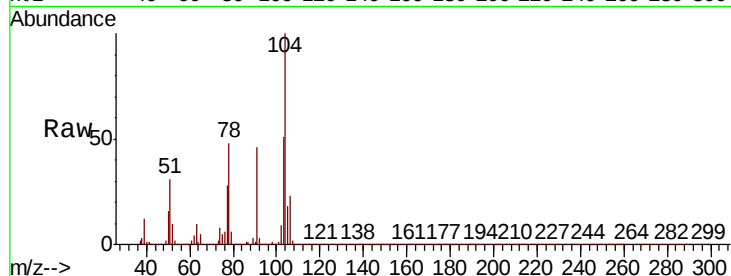




#69
Stvrene
Concen: 145.259 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015350.D
Acq: 25 Mar 2020 19:39

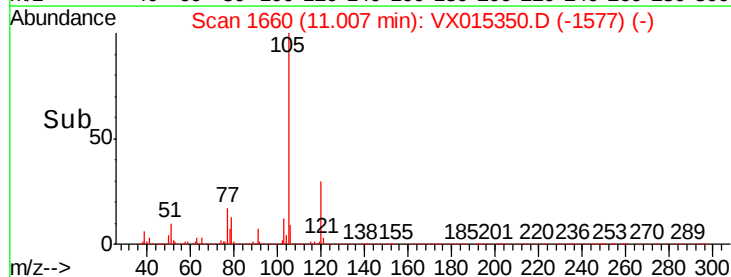
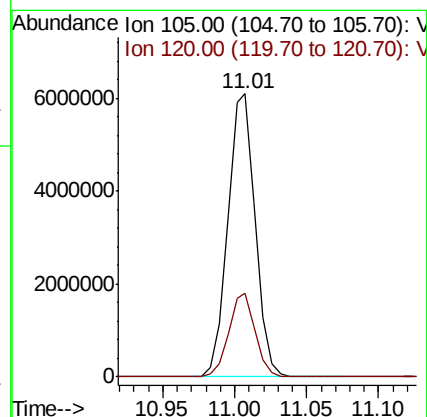
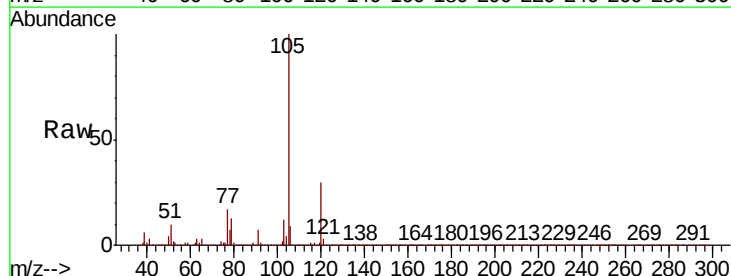
Instrument :
MSVOA_X
ClientSampleId :

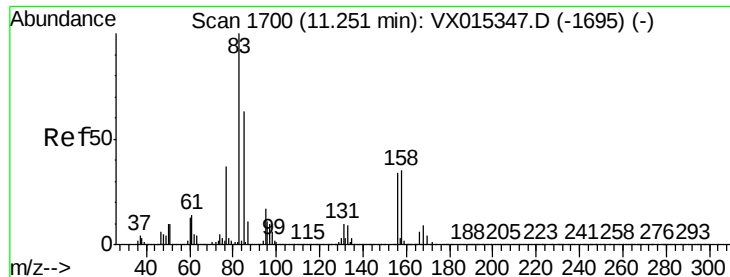
Tot Ion:104 Resp: 5496066
Ion Ratio Lower Upper
104 100
78 51.8 41.5 62.3
103 54.6 43.4 65.2



#70
Isopropylbenzene
Concen: 140.855 ug/l
RT: 11.01 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX015350.D
Acq: 25 Mar 2020 19:39

Tgt Ion:105 Resp: 8137353
Ion Ratio Lower Upper
105 100
120 28.3 18.8 34.8

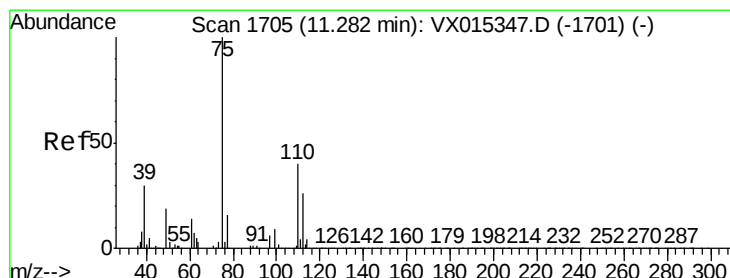
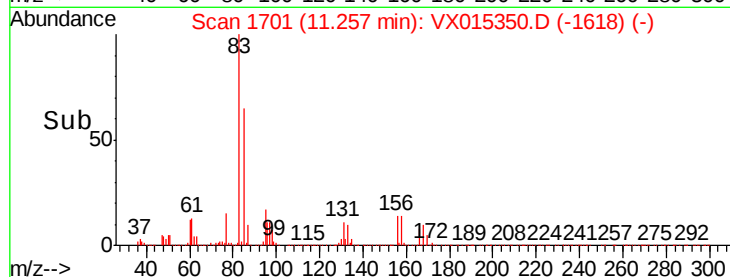
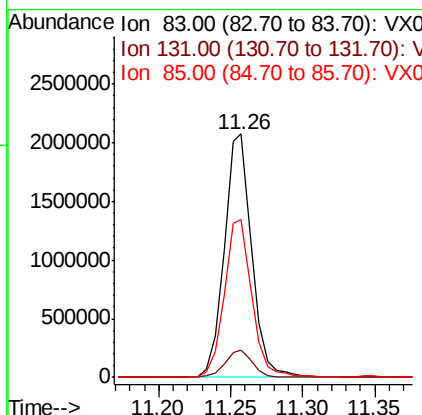
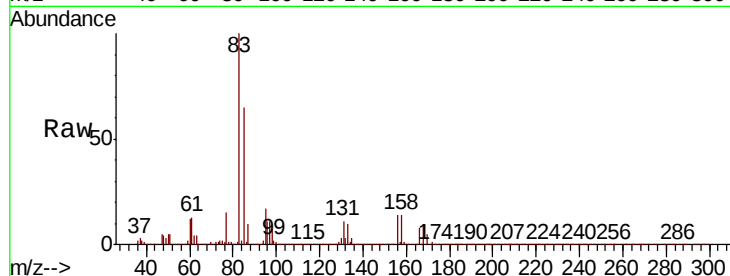




#71
 1,1,2,2-Tetrachloroethane
 Concen: 147.840 ug/l
 RT: 11.26 min Scan# 1701
 Delta R.T. 0.01 min
 Lab File: VX015350.D
 Acq: 25 Mar 2020 19:39

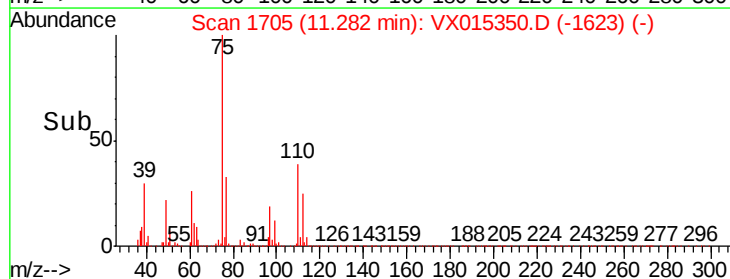
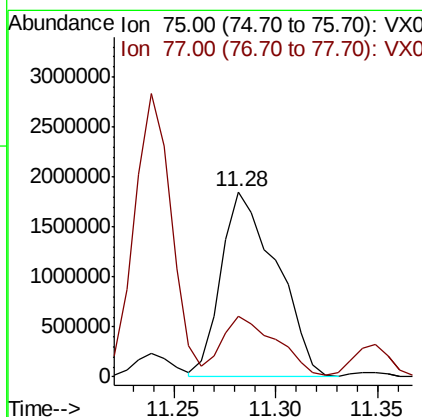
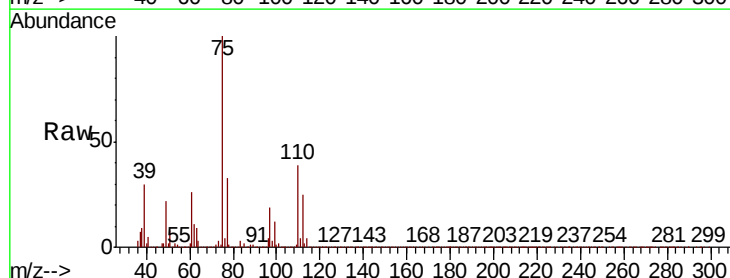
Instrument :
 MSVOA_X
 ClientSampled :

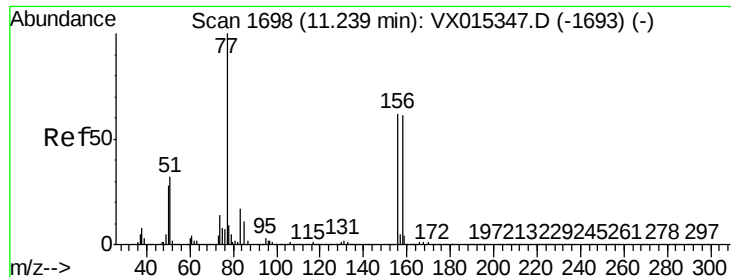
Tot Ion: 83 Resp: 2769344
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.3 15.9
 85 65.1 32.0 96.2



#72
 1,2,3-Trichloropropane
 Concen: 223.513 ug/l
 RT: 11.28 min Scan# 1705
 Delta R.T. 0.00 min
 Lab File: VX015350.D
 Acq: 25 Mar 2020 19:39

Tgt Ion: 75 Resp: 3516483
 Ion Ratio Lower Upper
 75 100
 77 31.9 0.0 80.0





#73

Bromobenzene

Concen: 150.901 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015350.D

Acq: 25 Mar 2020 19:39

Instrument :

MSVOA_X

ClientSampleId :

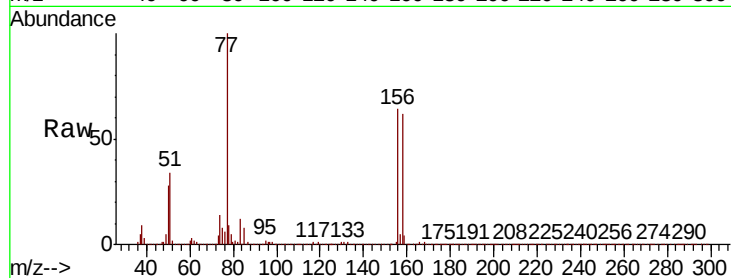
Tot Ion:156 Resp: 2363088

Ion Ratio Lower Upper

156 100

77 151.1 0.0 324.4

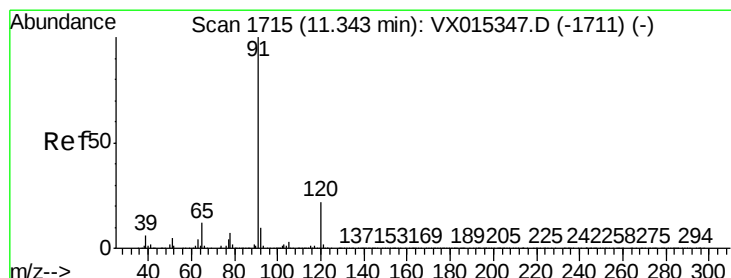
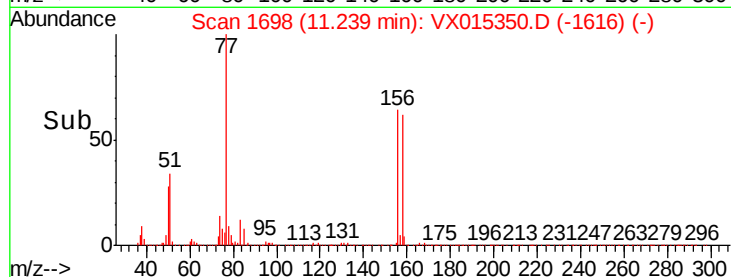
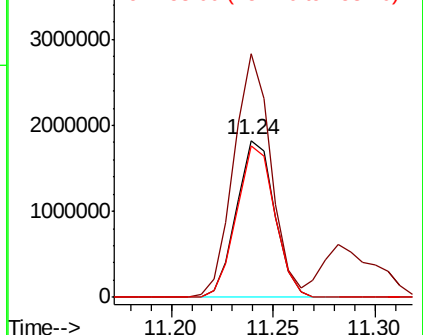
158 96.9 0.0 200.0



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: 135.924 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. 0.01 min

Lab File: VX015350.D

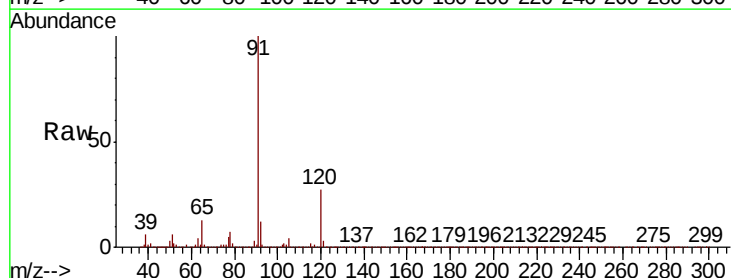
Acq: 25 Mar 2020 19:39

Tgt Ion: 91 Resp: 9294450

Ion Ratio Lower Upper

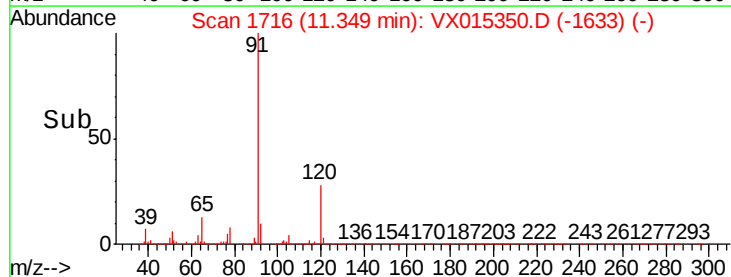
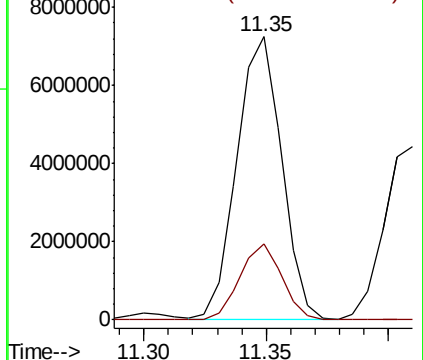
91 100

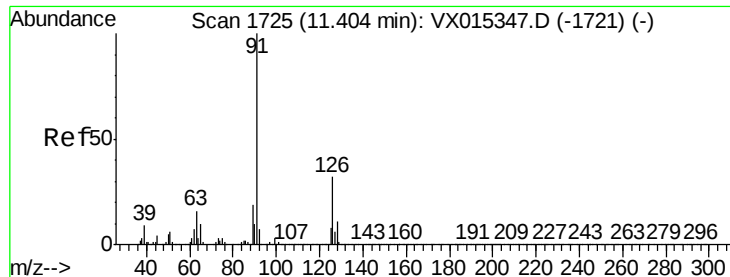
120 25.2 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 144.996 ug/l

RT: 11.41 min Scan# 1726

Delta R.T. 0.01 min

Lab File: VX015350.D

Acq: 25 Mar 2020 19:39

Instrument :

MSVOA_X

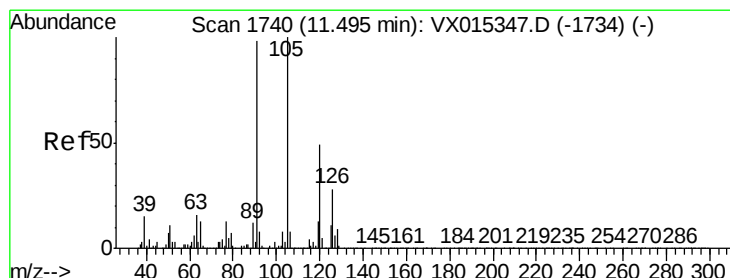
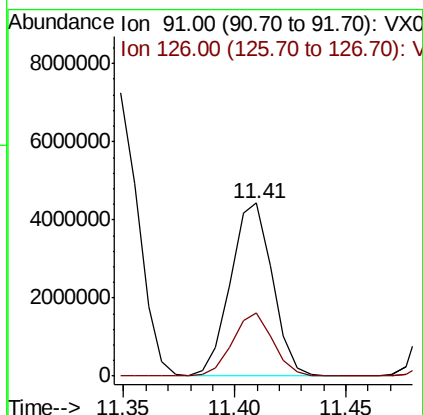
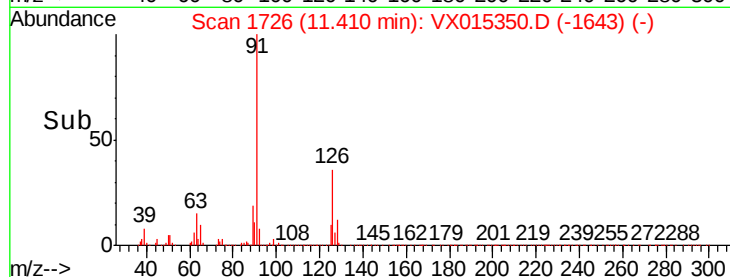
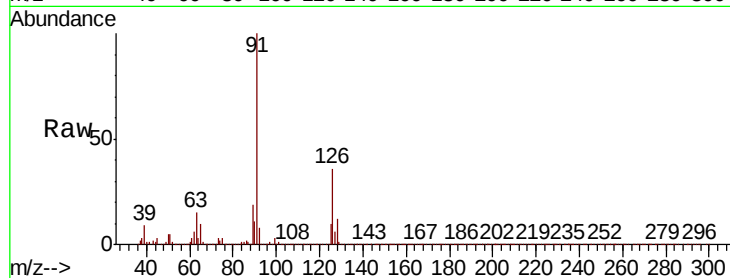
ClientSampleId :

Tot Ion: 91 Resp: 5821958

Ion Ratio Lower Upper

91 100

126 34.8 0.0 65.2



#76

1,3,5-Trimethylbenzene

Concen: 141.423 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015350.D

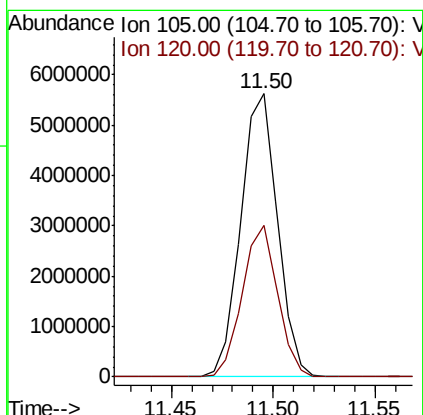
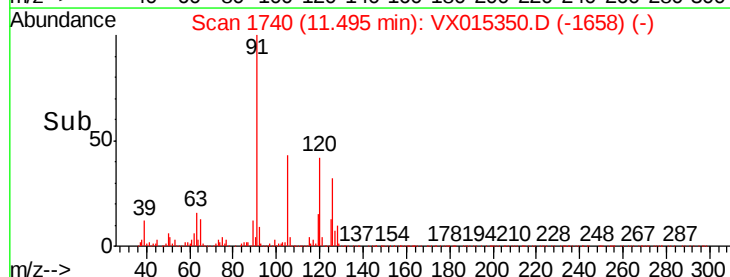
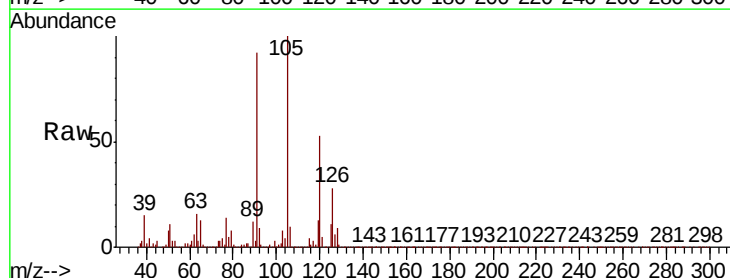
Acq: 25 Mar 2020 19:39

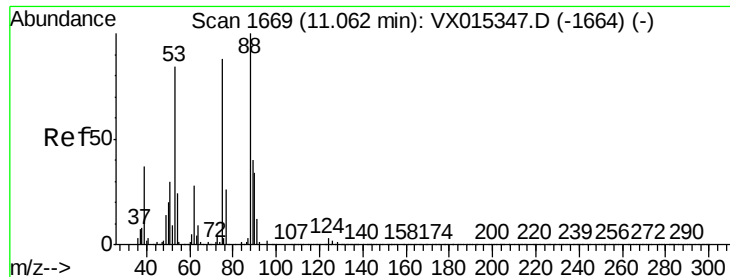
Tgt Ion: 105 Resp: 7016611

Ion Ratio Lower Upper

105 100

120 51.7 0.0 98.0

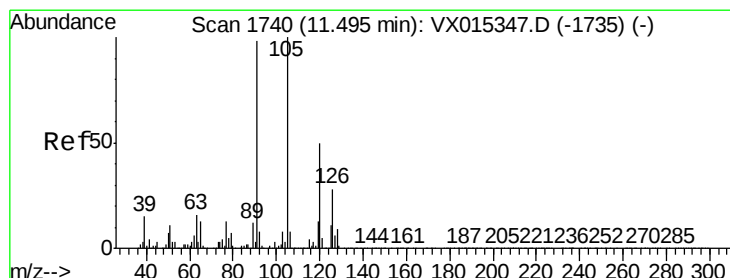
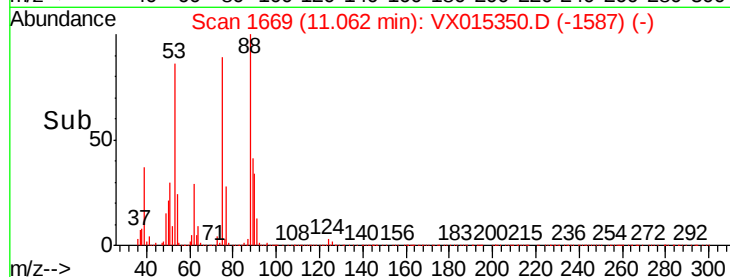
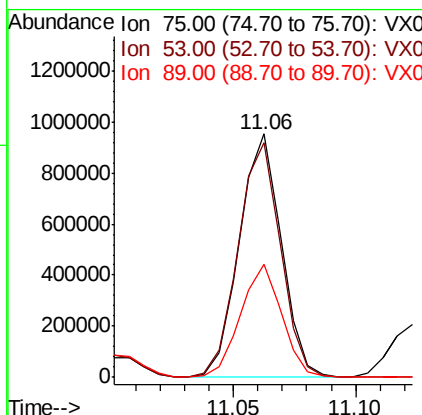
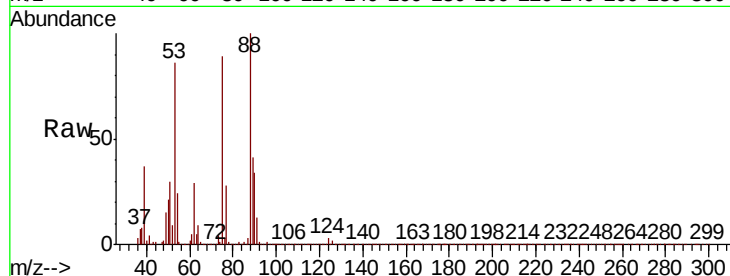




#77
t-1,4-Dichloro-2-butene
Concen: 169.767 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. 0.00 min
Lab File: VX015350.D
Acq: 25 Mar 2020 19:39

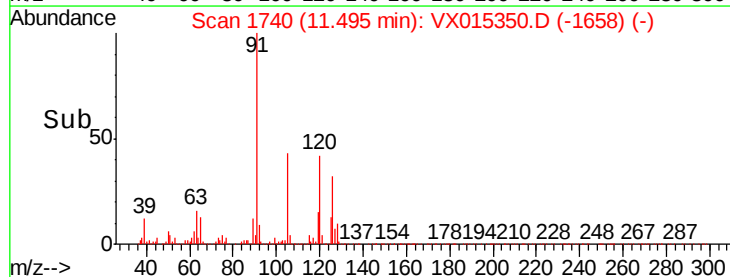
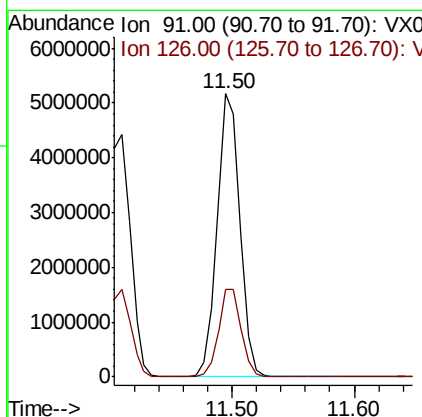
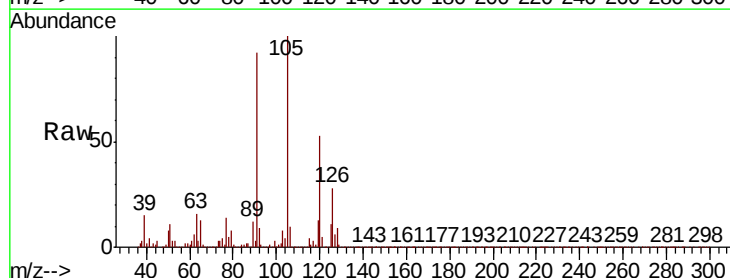
Instrument :
MSVOA_X
ClientSampleId :

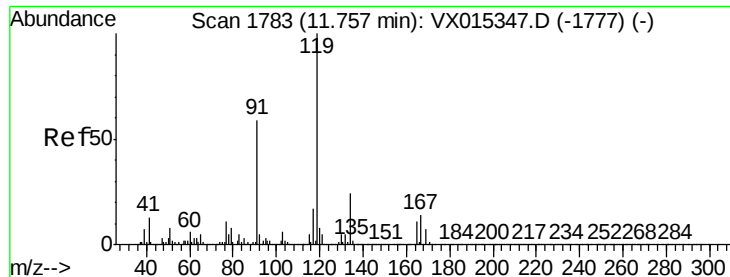
Tot Ion: 75 Resp: 1139888
Ion Ratio Lower Upper
75 100
53 96.5 47.5 142.6
89 46.2 22.8 68.3



#78
4-Chlorotoluene
Concen: 145.480 ug/l
RT: 11.50 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015350.D
Acq: 25 Mar 2020 19:39

Tgt Ion: 91 Resp: 6717643
Ion Ratio Lower Upper
91 100
126 30.5 0.0 57.8

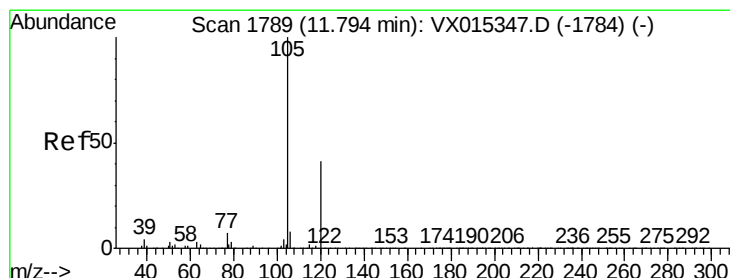
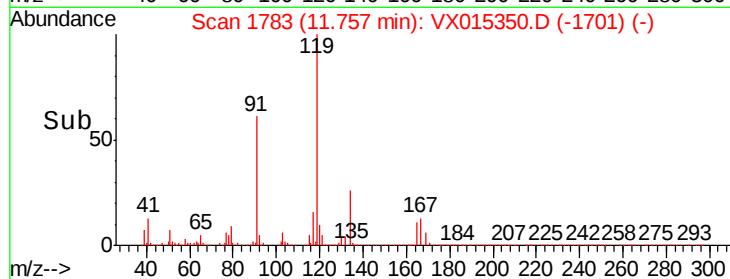
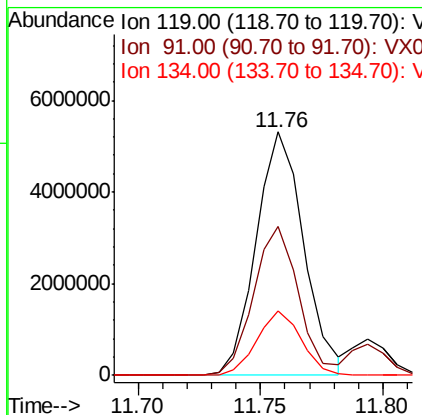
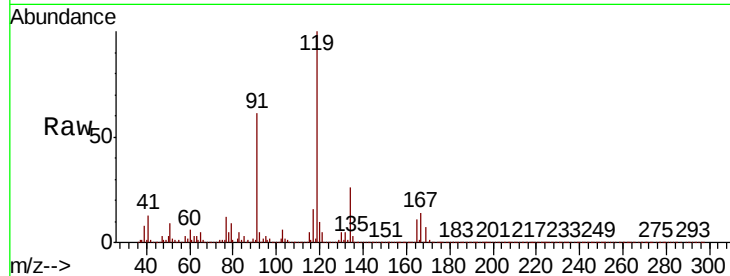




#79
tert-butylbenzene
Concen: 152.277 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015350.D
Acq: 25 Mar 2020 19:39

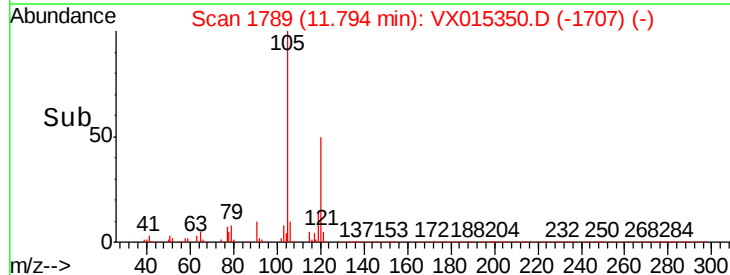
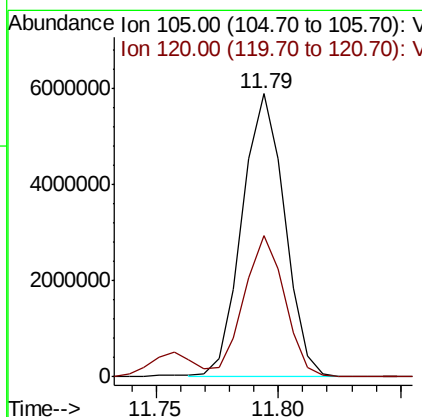
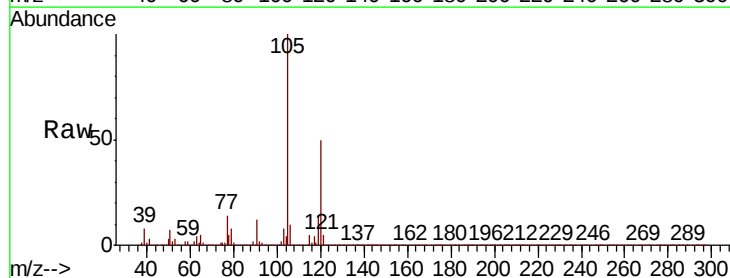
Instrument :
MSVOA_X
ClientSampleId :

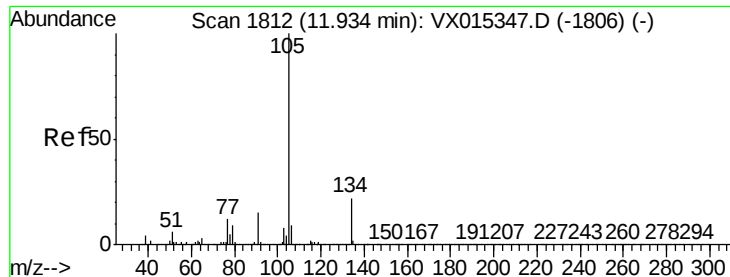
Tot Ion:119 Resp: 7233629
Ion Ratio Lower Upper
119 100
91 58.2 0.0 115.8
134 24.5 0.0 47.0



#80
1,2,4-Trimethylbenzene
Concen: 143.562 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015350.D
Acq: 25 Mar 2020 19:39

Tgt Ion:105 Resp: 7132494
Ion Ratio Lower Upper
105 100
120 48.2 0.0 91.0

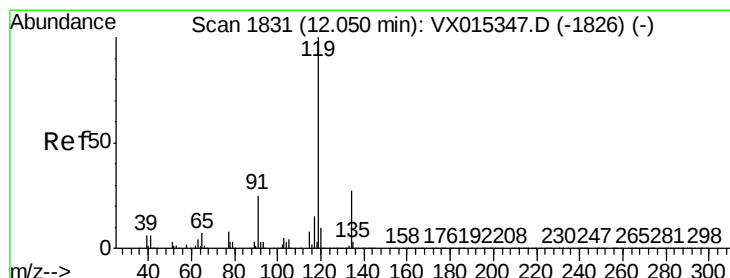
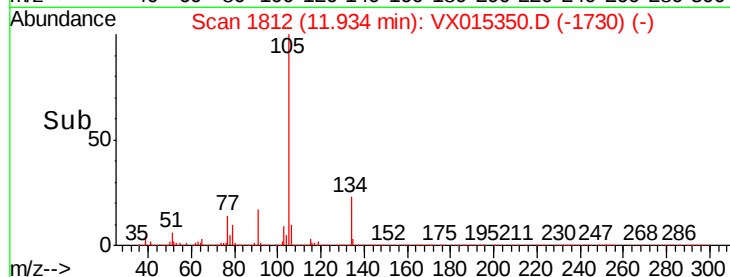
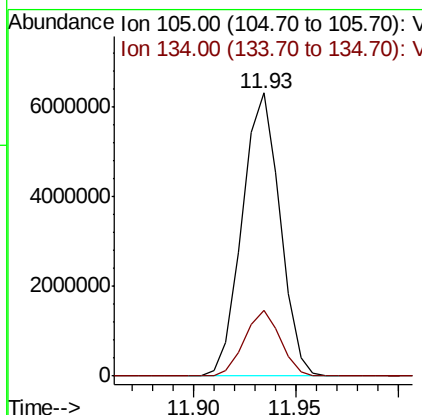
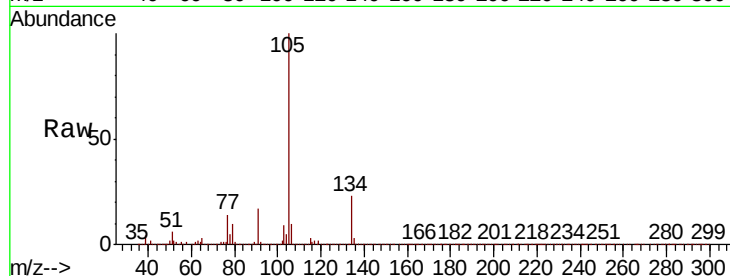




#81
 sec-Butylbenzene
 Concen: 139.616 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VX015350.D
 Acq: 25 Mar 2020 19:39

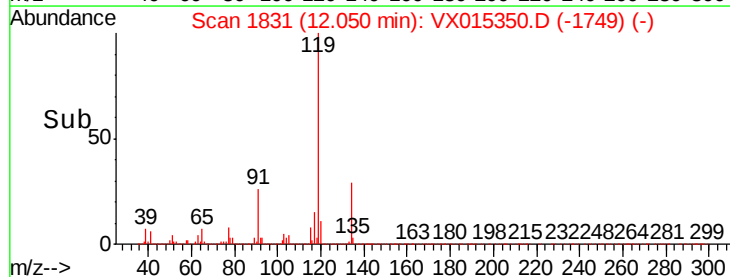
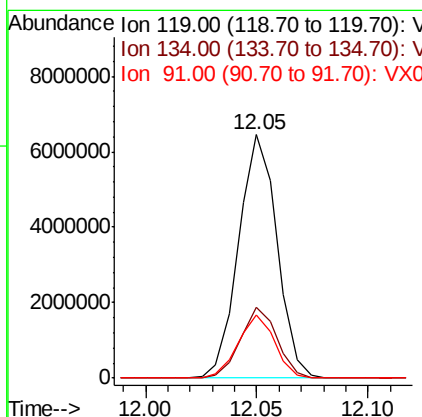
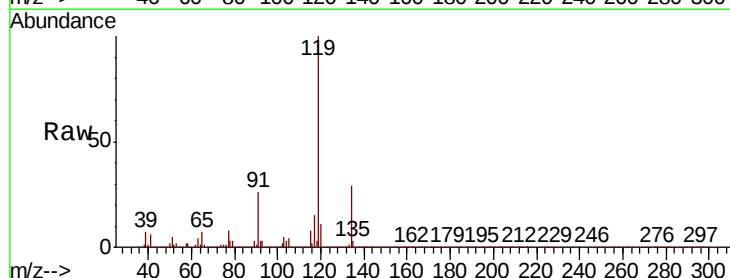
Instrument :
 MSVOA_X
 ClientSampleId :

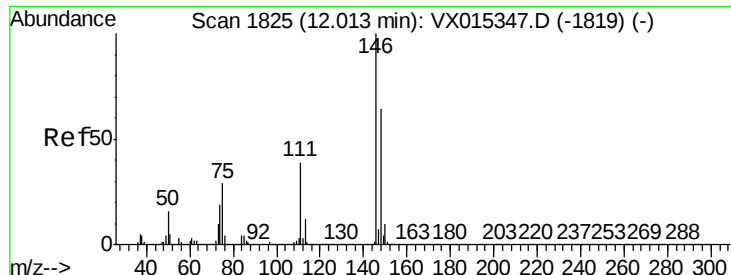
Tot Ion:105 Resp: 8111555
 Ion Ratio Lower Upper
 105 100
 134 22.2 0.0 41.6



#82
 p-Isopropyltoluene
 Concen: 145.290 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: VX015350.D
 Acq: 25 Mar 2020 19:39

Tgt Ion:119 Resp: 7763404
 Ion Ratio Lower Upper
 119 100
 134 27.9 0.0 53.2
 91 24.8 0.0 48.2





#83

1,3-Dichlorobenzene

Concen: 152.611 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VX015350.D

Acq: 25 Mar 2020 19:39

Instrument :

MSVOA_X

ClientSampled :

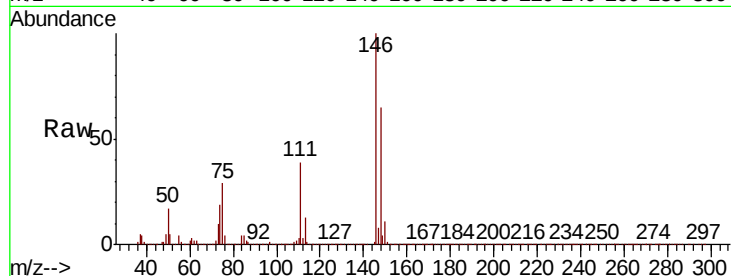
Tot Ion:146 Resp: 4267863

Ion Ratio Lower Upper

146 100

111 39.3 20.1 60.2

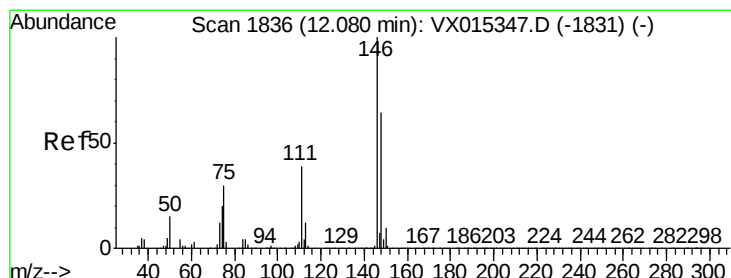
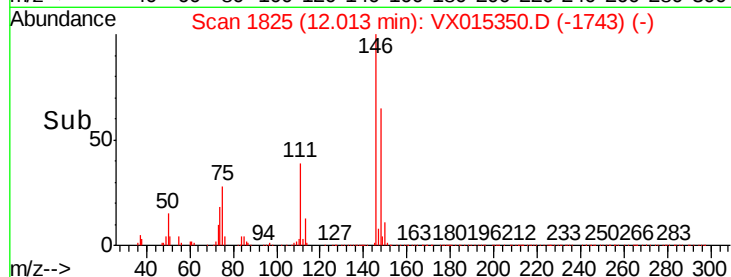
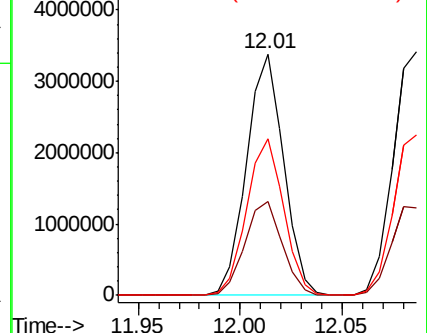
148 64.8 31.4 94.2



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: 152.590 ug/l

RT: 12.09 min Scan# 1837

Delta R.T. 0.01 min

Lab File: VX015350.D

Acq: 25 Mar 2020 19:39

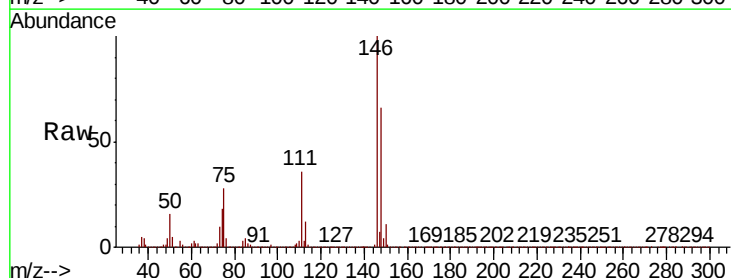
Tgt Ion:146 Resp: 4282319

Ion Ratio Lower Upper

146 100

111 37.5 18.9 56.9

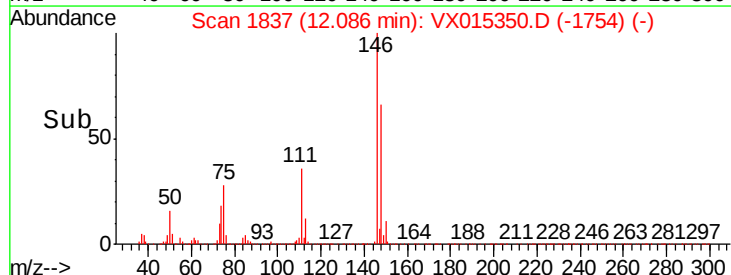
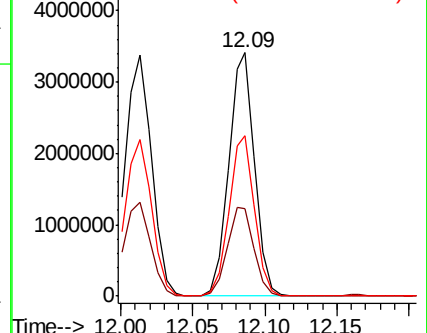
148 65.3 31.4 94.3

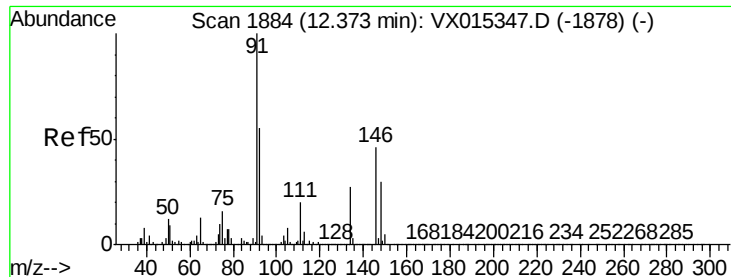


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

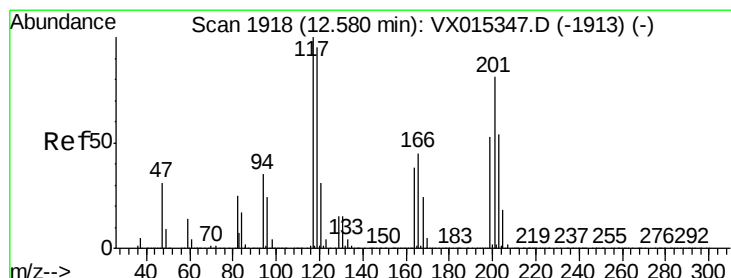
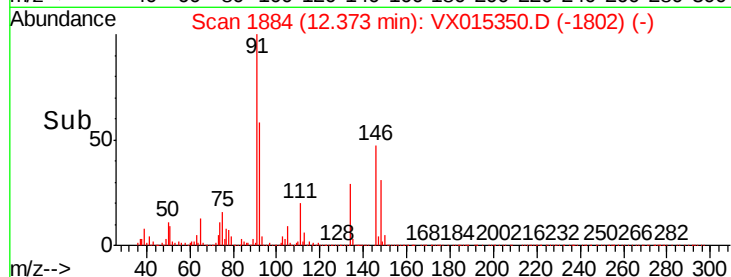
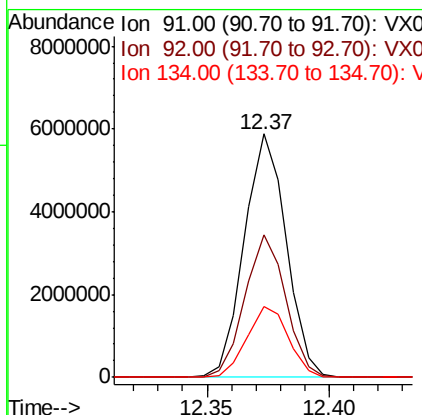
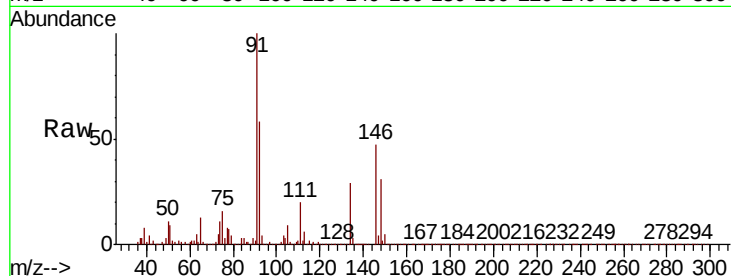




#85
n-Butylbenzene
Concen: 148.505 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015350.D
Acq: 25 Mar 2020 19:39

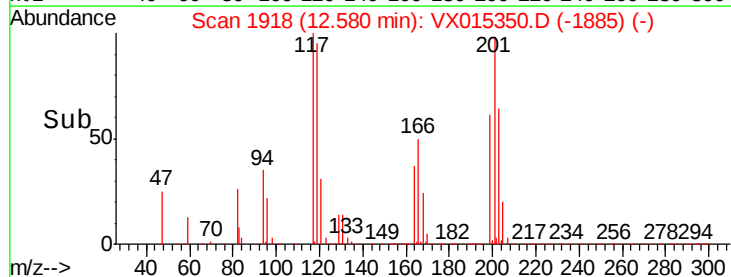
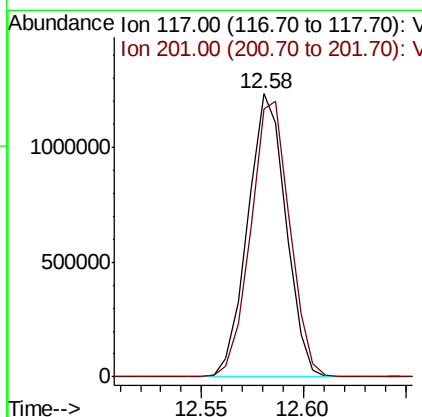
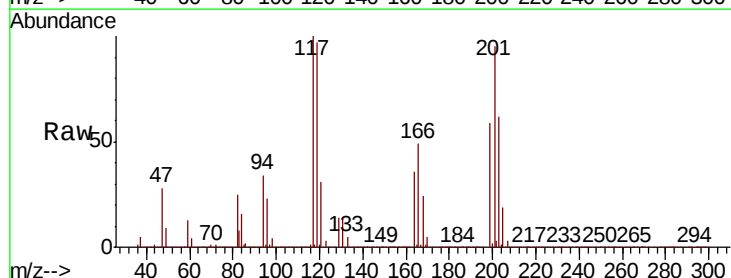
Instrument :
MSVOA_X
ClientSampleId :

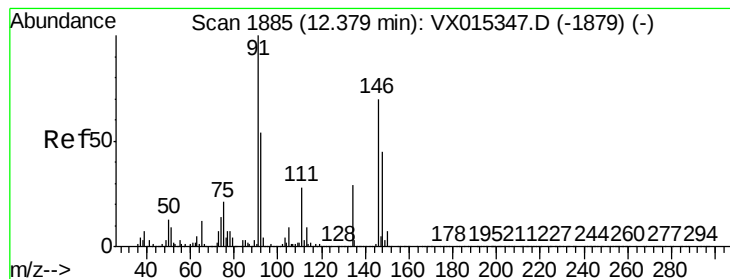
Tot Ion: 91 Resp: 6992997
Ion Ratio Lower Upper
91 100
92 57.0 0.0 109.0
134 29.2 0.0 54.0



#86
Hexachloroethane
Concen: 167.854 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015350.D
Acq: 25 Mar 2020 19:39

Tgt Ion: 117 Resp: 1602682
Ion Ratio Lower Upper
117 100
201 99.5 44.9 134.5





#87

1,2-Dichlorobenzene

Concen: 151.223 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015350.D

Acq: 25 Mar 2020 19:39

Instrument :

MSVOA_X

ClientSampleId :

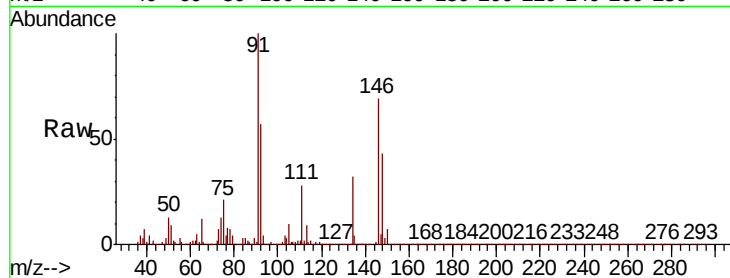
Tot Ion:146 Resp: 4133675

Ion Ratio Lower Upper

146 100

111 40.6 20.4 61.2

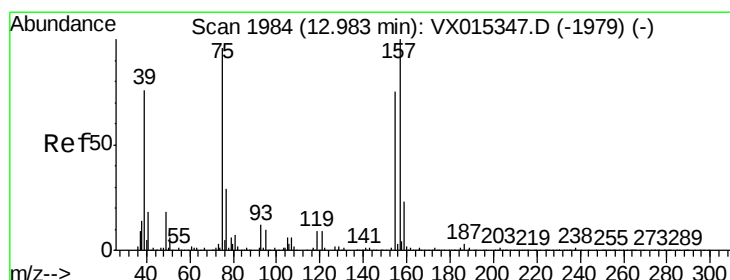
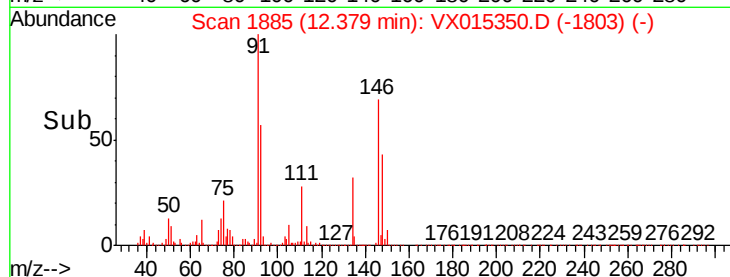
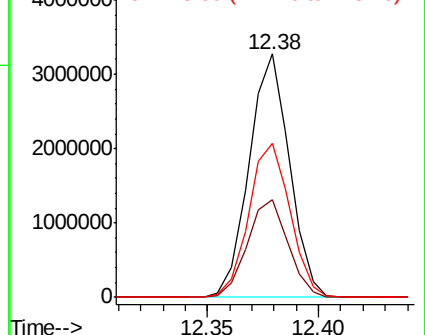
148 64.7 31.9 95.9



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



#88

1,2-Dibromo-3-Chloropropane

Concen: 179.114 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VX015350.D

Acq: 25 Mar 2020 19:39

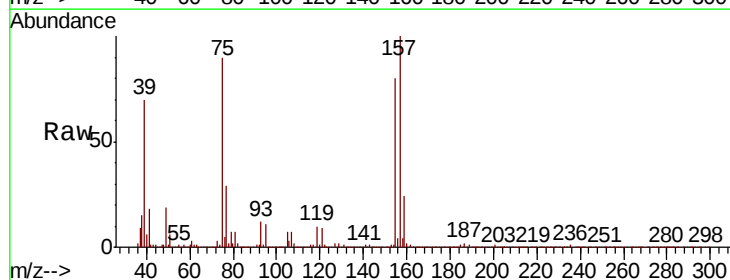
Tgt Ion: 75 Resp: 739140

Ion Ratio Lower Upper

75 100

155 94.2 67.7 101.5

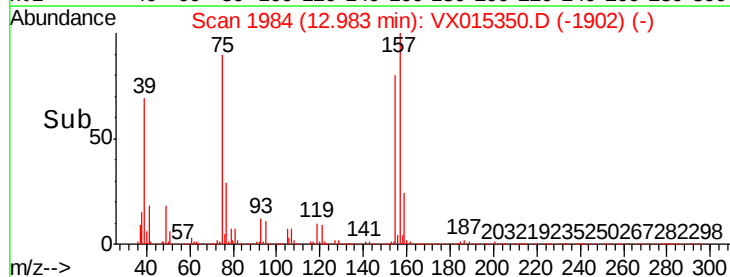
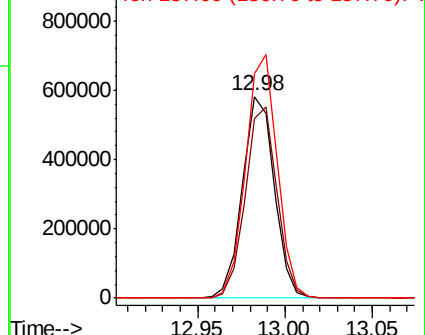
157 119.9 88.5 132.7

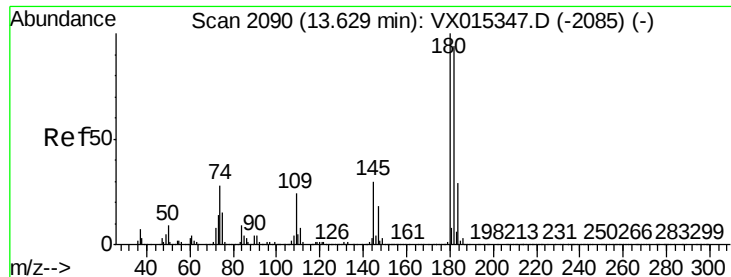


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

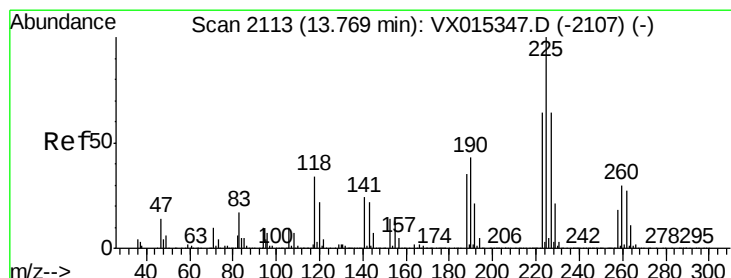
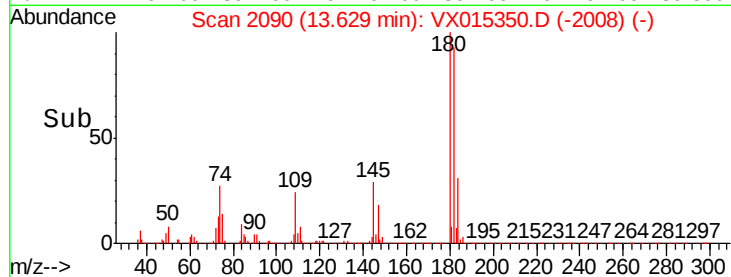
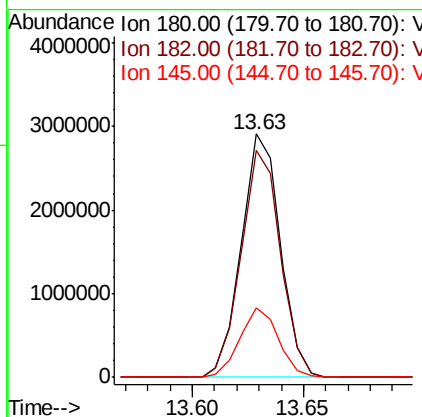
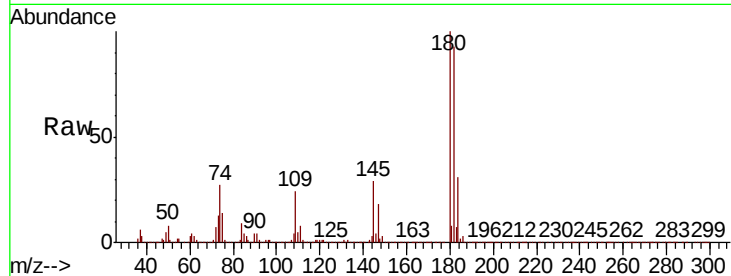




#89
 1,2,4-Trichlorobenzene
 Concen: 174.676 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015350.D
 Acq: 25 Mar 2020 19:39

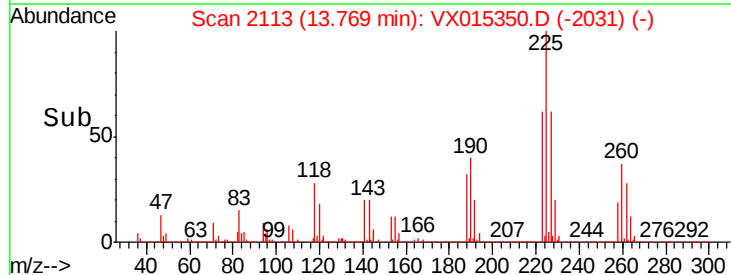
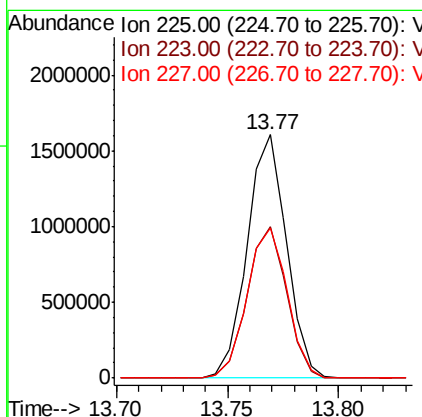
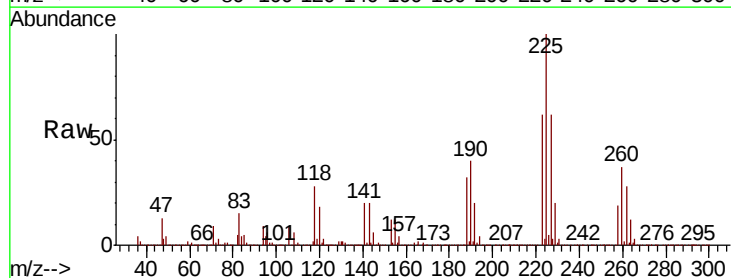
Instrument :
 MSVOA_X
 ClientSampleId :

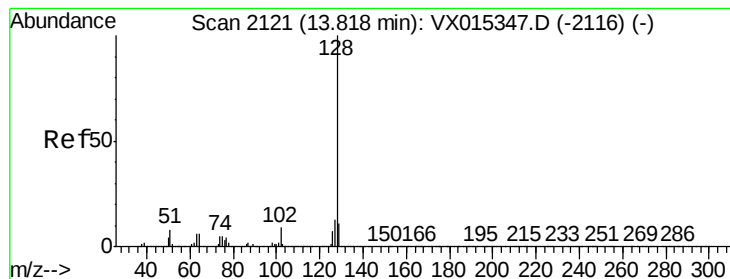
Tot Ion:180 Resp: 3571144
 Ion Ratio Lower Upper
 180 100
 182 93.9 76.9 115.3
 145 28.1 24.3 36.5



#90
 Hexachlorobutadiene
 Concen: 189.605 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015350.D
 Acq: 25 Mar 2020 19:39

Tgt Ion:225 Resp: 1979683
 Ion Ratio Lower Upper
 225 100
 223 62.8 0.0 127.0
 227 63.2 0.0 126.8





#91

Naphthalene

Concen: 156.589 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. 0.00 min

Lab File: VX015350.D

Acq: 25 Mar 2020 19:39

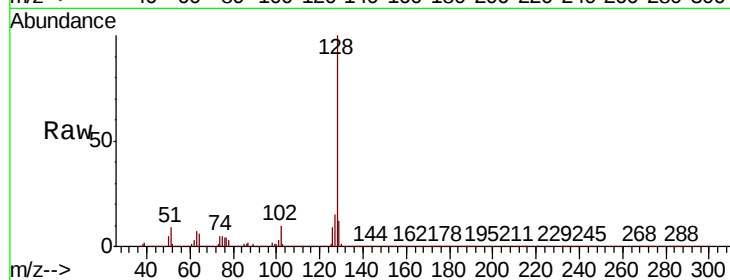
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:128 Resp: 9067761

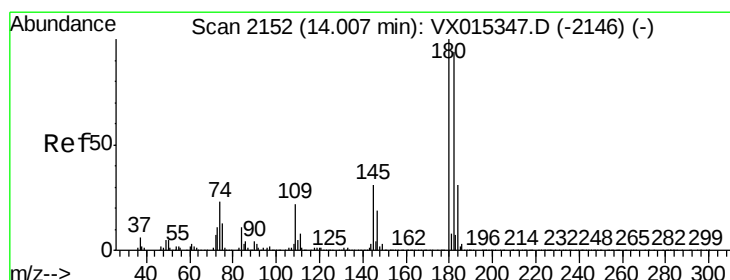
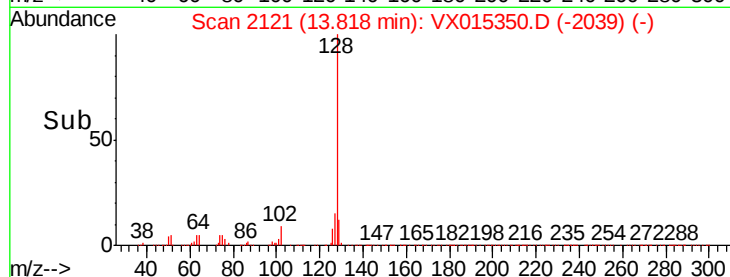
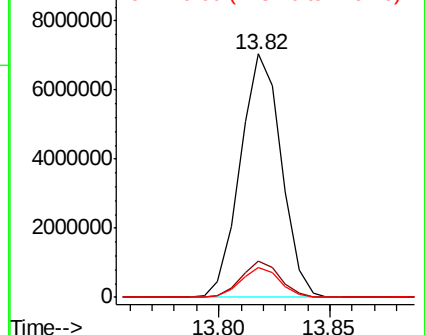
Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.3	15.5
129	11.8	8.9	13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 168.654 ug/l

RT: 14.01 min Scan# 2152

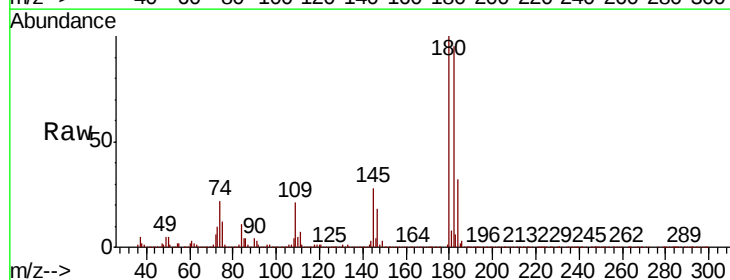
Delta R.T. 0.00 min

Lab File: VX015350.D

Acq: 25 Mar 2020 19:39

Tgt Ion:180 Resp: 3471570

Ion	Ratio	Lower	Upper
180	100		
182	94.7	0.0	191.0
145	29.6	0.0	62.2



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

