

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX017003.D
 Acq On : 27 Jun 2020 00:48
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 27 02:44:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	54930	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	296009	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	276508	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	124474	29.11	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.03%
60) 4-Bromofluorobenzene	11.12	95	142308	30.86	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	102.87%
63) Toluene-d8	8.70	98	359950	29.53	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.43%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	58906	22.053	ug/l 98
3) Chloromethane	1.32	50	69442	19.171	ug/l 99
4) Vinyl Chloride	1.39	62	67042	18.149	ug/l 99
5) Bromomethane	1.64	94	42572	16.006	ug/l 99
6) Chloroethane	1.72	64	41944	17.606	ug/l 97
7) Trichlorofluoromethane	1.92	101	97294	16.195	ug/l 97
8) Diethyl Ether	2.17	74	37111	16.977	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	59767	18.745	ug/l 95
10) 1,1-Dichloroethene	2.36	96	61309	19.497	ug/l 93
11) Methyl Iodide	2.50	142	72449	17.255	ug/l 93
12) Methyl Acetate	2.75	43	86859	21.898	ug/l 100
13) Acrolein	2.27	56	50033	79.938	ug/l 100
14) Acrylonitrile	3.12	53	185344	98.656	ug/l 98
15) Acetone	2.42	58	47204	97.091	ug/l 94
16) Carbon Disulfide	2.55	76	175069	17.710	ug/l 99
17) Allyl chloride	2.71	41	110707	18.806	ug/l 95
18) Methylene Chloride	2.84	84	70970	18.738	ug/l 96
19) trans-1,2-Dichloroethene	3.14	96	67320	18.895	ug/l 98
20) Diisopropyl ether	3.82	45	227337	19.324	ug/l 97
21) 1,1-Dichloroethane	3.67	63	122036	18.812	ug/l 99
22) cis-1,2-Dichloroethene	4.57	96	77247	19.473	ug/l 94
23) tert-Butyl Alcohol	3.01	59	73972	88.887	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	215888	19.227	ug/l 97
25) Chloroform	5.18	83	124753	18.968	ug/l 100
26) Cyclohexane	5.55	56	103335	18.261	ug/l # 100
29) 1,1-Dichloropropene	5.77	75	89726	18.607	ug/l 99
30) 2-Butanone	4.64	43	256098	101.890	ug/l 99
31) 2,2-Dichloropropane	4.55	77	87460	15.815	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	114248	19.580	ug/l 96
33) Carbon Tetrachloride	5.76	117	101581	19.631	ug/l 96
34) Benzene	6.12	78	272668	19.420	ug/l 98
35) Methacrylonitrile	5.00	41	56937	20.526	ug/l 94
36) 1,2-Dichloroethane	6.17	62	101548	18.884	ug/l 100
37) Trichloroethene	7.19	130	81126	21.174	ug/l 89
38) Methylcyclohexane	7.44	83	96609	17.592	ug/l 96
39) 1,2-Dichloropropane	7.49	63	71822	19.634	ug/l 99
40) Dibromomethane	7.64	93	48385	19.192	ug/l 97

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	100366	19.225	ug/l	92
42) Vinyl Acetate	3.79	43	954183	94.205	ug/l	100
43) Ethyl Acetate	4.79	43	101992	19.590	ug/l	99
44) Isopropyl Acetate	6.42	43	162249	18.906	ug/l	98
45) 1,4-Dioxane	7.71	88	29001	334.977	ug/l	96
46) Methyl methacrylate	7.75	41	78536	19.775	ug/l	91
47) n-amyl Acetate	10.88	43	136999	18.061	ug/l	98
48) t-1,3-Dichloropropene	9.02	75	106450	18.442	ug/l	96
49) cis-1,3-Dichloropropene	8.42	75	114347	18.849	ug/l	96
50) 1,1,2-Trichloroethane	9.20	97	71597	20.349	ug/l	97
51) Ethyl methacrylate	9.16	69	102496	18.982	ug/l	96
52) 1,3-Dichloropropane	9.35	76	118910	19.685	ug/l	97
53) Dibromochloromethane	9.57	129	79162	19.575	ug/l	99
54) 1,2-Dibromoethane	9.65	107	73756	19.755	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	291893	102.724	ug/l	99
56) Bromoform	10.84	173	56389	19.643	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	510782	100.284	ug/l	99
59) 2-Hexanone	9.47	43	381251	100.297	ug/l	99
61) Tetrachloroethene	9.32	164	68903	19.540	ug/l	99
62) Toluene	8.76	91	289407	19.136	ug/l	100
64) Chlorobenzene	10.12	112	183335	19.350	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.20	131	69132	19.381	ug/l	99
66) Ethyl Benzene	10.24	91	316255	18.857	ug/l	98
67) m/p-Xylenes	10.34	106	242745	38.368	ug/l	100
68) o-Xylene	10.68	106	115002	18.923	ug/l	99
69) Styrene	10.70	104	199737	19.195	ug/l	98
70) Isopropylbenzene	11.00	105	311531	18.900	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.25	83	97998	19.358	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	125410	25.797	ug/l	87
73) Bromobenzene	11.24	156	79249	19.050	ug/l	93
74) n-propylbenzene	11.34	91	363518	18.574	ug/l	99
75) 2-Chlorotoluene	11.40	91	218264	19.124	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	264437	19.112	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	34265	17.392	ug/l	97
78) 4-Chlorotoluene	11.49	91	257562	19.060	ug/l	100
79) tert-butylbenzene	11.76	119	251330	18.962	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	263809	18.992	ug/l	98
81) sec-Butylbenzene	11.93	105	300314	18.714	ug/l	100
82) p-Isopropyltoluene	12.05	119	274269	18.929	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	144102	19.330	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	145040	19.363	ug/l	99
85) n-Butylbenzene	12.37	91	234250	17.466	ug/l	99
86) Hexachloroethane	12.58	117	53812	18.977	ug/l	98
87) 1,2-Dichlorobenzene	12.38	146	138880	19.903	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	24045	20.877	ug/l	99
89) 1,2,4-Trichlorobenzene	13.63	180	86248	18.321	ug/l	99
90) Hexachlorobutadiene	13.76	225	33342	18.618	ug/l	99
91) Naphthalene	13.82	128	300114	19.449	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	88591	19.283	ug/l	100

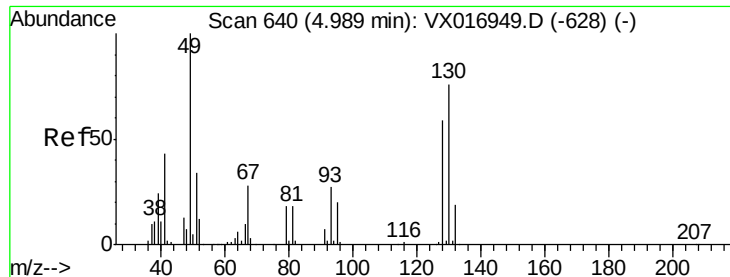
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QLast Update : Fri Jun 26 09:03:25 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.01 min

Lab File: VX017003.D

Acq: 27 Jun 2020 00:48

Instrument :

MSVOA_X

ClientSampleId :

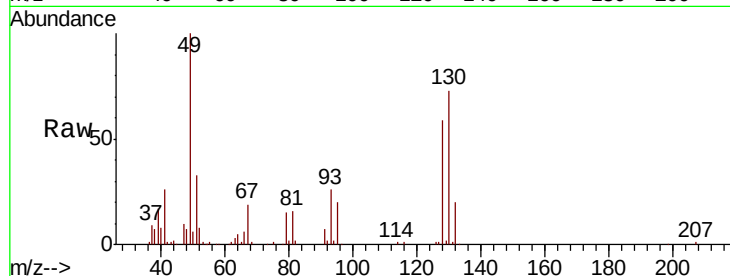
Tot Ion:128 Resp: 54930

Ion Ratio Lower Upper

128 100

49 163.7 0.0 428.0

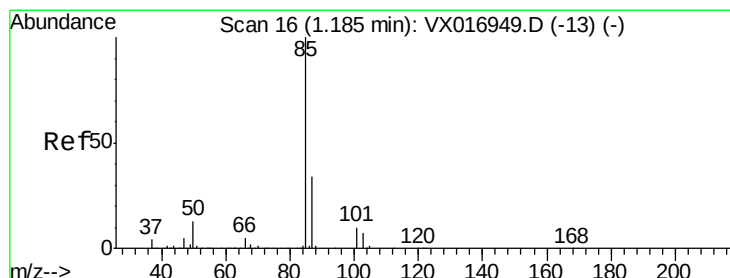
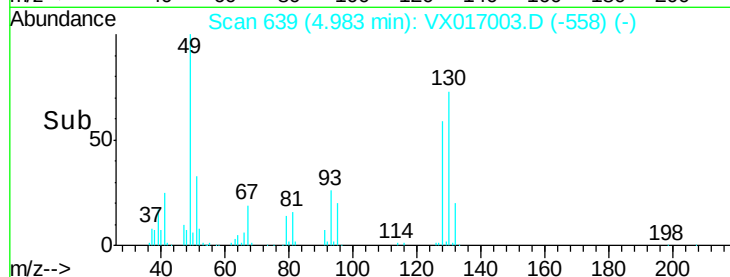
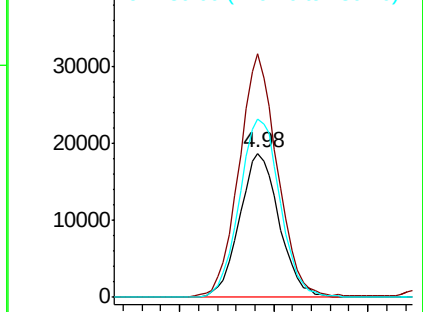
130 127.4 0.0 318.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 22.053 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017003.D

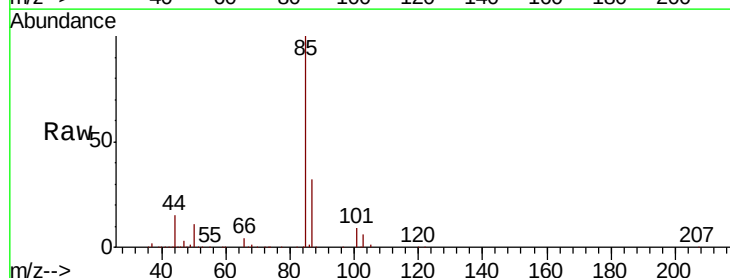
Acq: 27 Jun 2020 00:48

Tgt Ion: 85 Resp: 58906

Ion Ratio Lower Upper

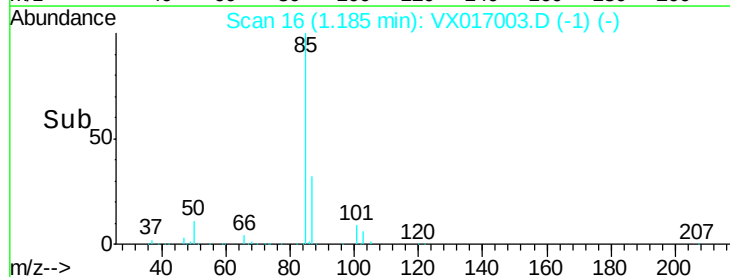
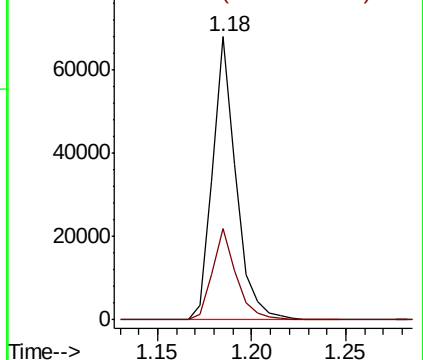
85 100

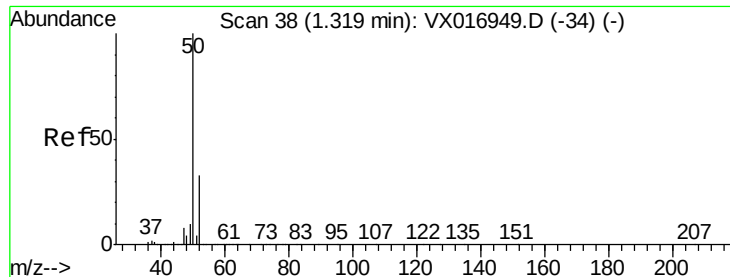
87 32.4 16.9 50.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.171 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.00 min

Lab File: VX017003.D

Acq: 27 Jun 2020 00:48

Instrument :

MSVOA_X

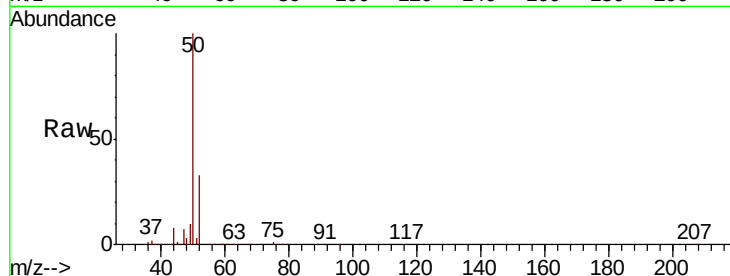
ClientSampleId :

Tot Ion: 50 Resp: 69442

Ion Ratio Lower Upper

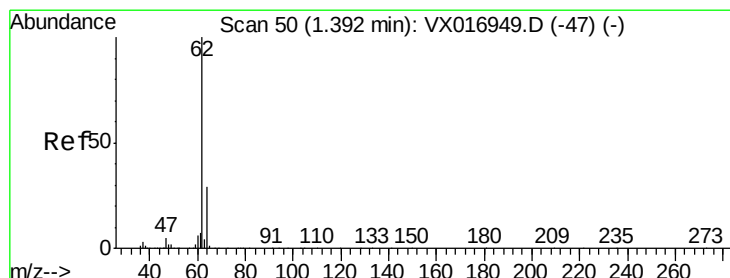
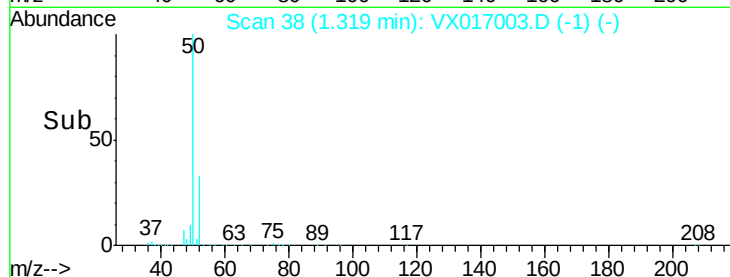
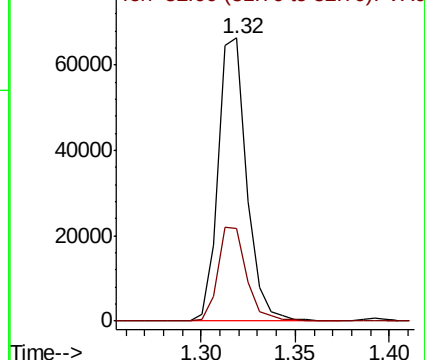
50 100

52 32.5 26.5 39.7



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 18.149 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017003.D

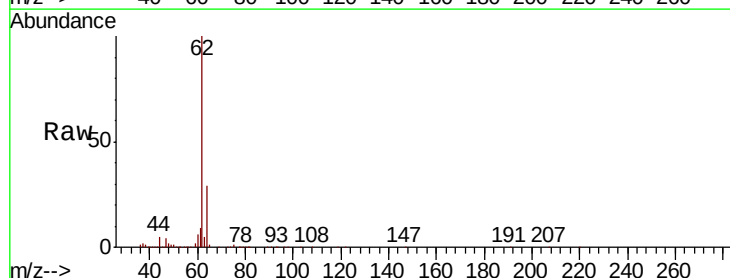
Acq: 27 Jun 2020 00:48

Tgt Ion: 62 Resp: 67042

Ion Ratio Lower Upper

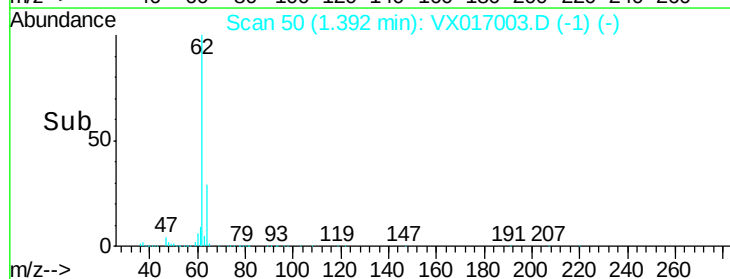
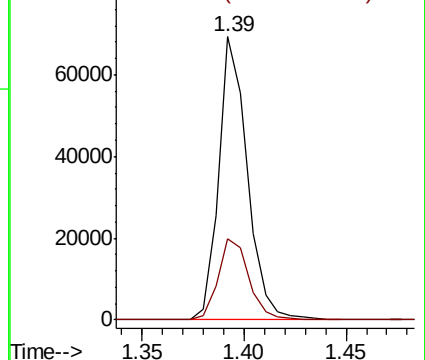
62 100

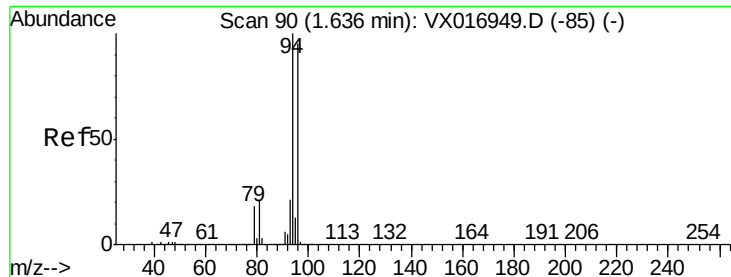
64 28.8 23.4 35.0



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 16.006 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX017003.D

Acq: 27 Jun 2020 00:48

Instrument :

MSVOA_X

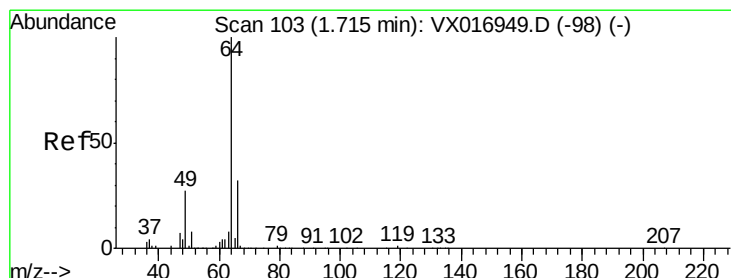
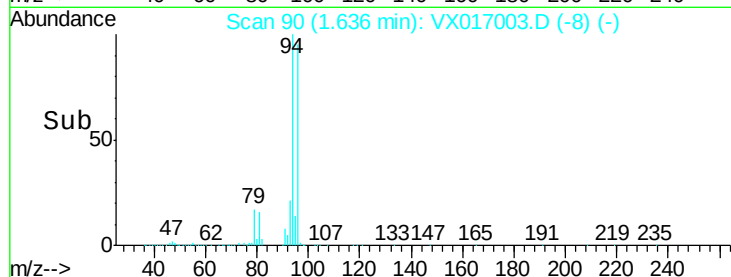
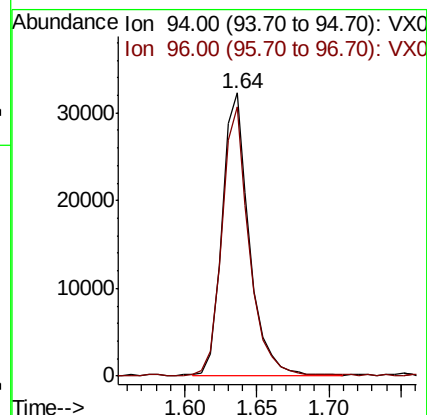
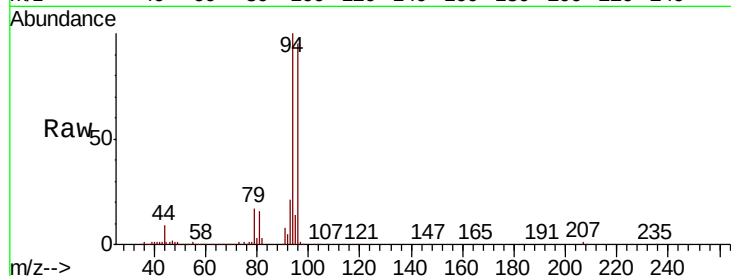
ClientSampleId :

Tot Ion: 94 Resp: 42572

Ion Ratio Lower Upper

94 100

96 95.1 75.5 113.3



#6

Chloroethane

Concen: 17.606 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX017003.D

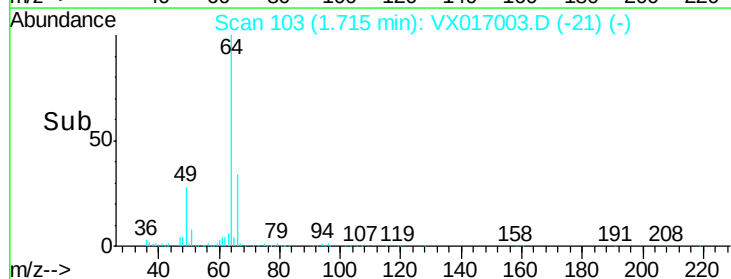
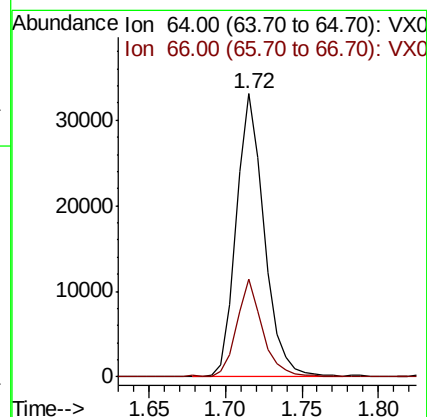
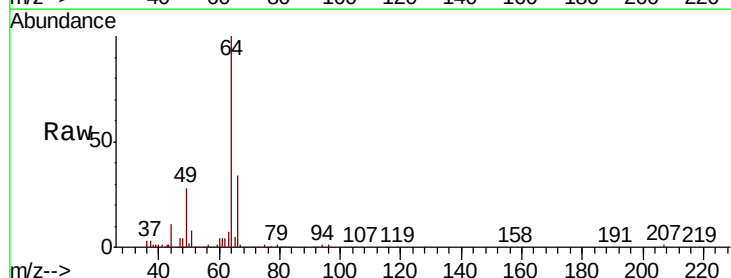
Acq: 27 Jun 2020 00:48

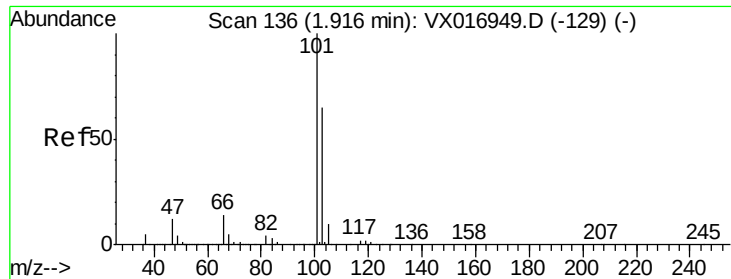
Tgt Ion: 64 Resp: 41944

Ion Ratio Lower Upper

64 100

66 34.5 26.1 39.1



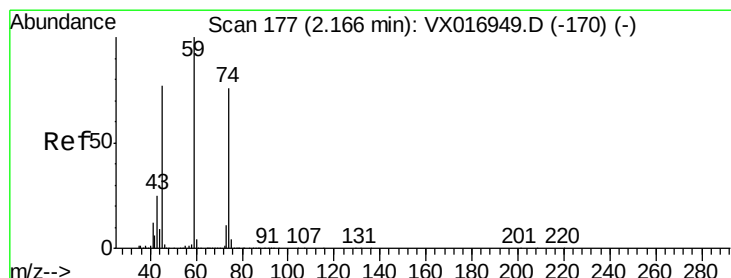
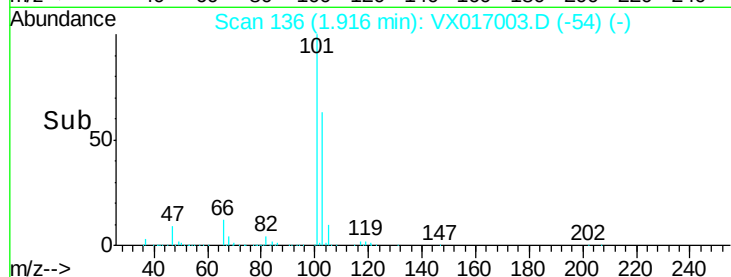
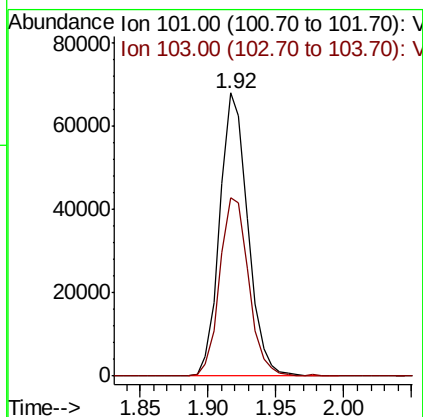
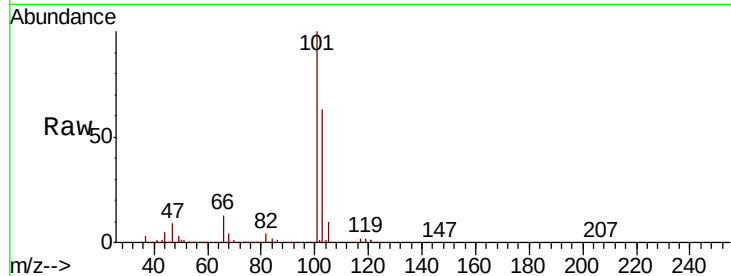


#7

Trichlorofluoromethane
Concen: 16.195 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017003.D
Acq: 27 Jun 2020 00:48

Instrument :
MSVOA_X
ClientSampleId :

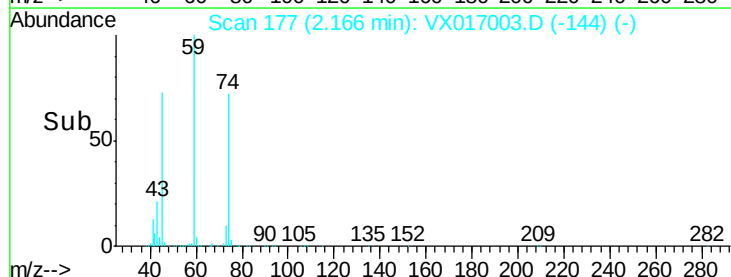
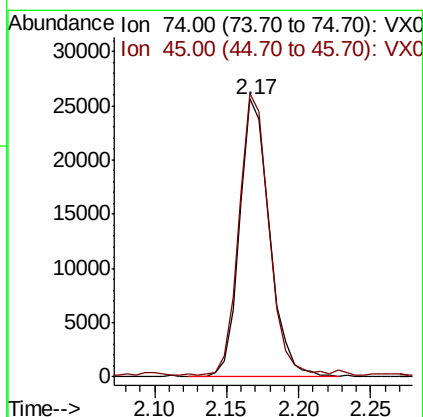
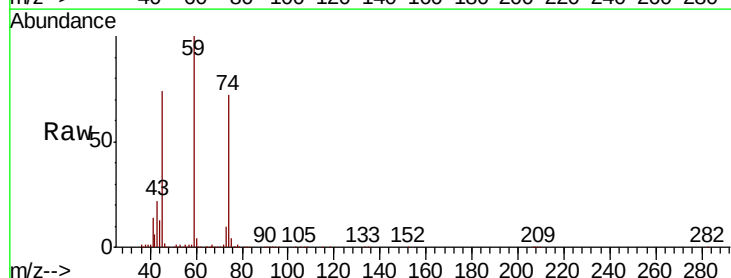
Tot Ion:101 Resp: 97294
Ion Ratio Lower Upper
101 100
103 62.8 52.1 78.1

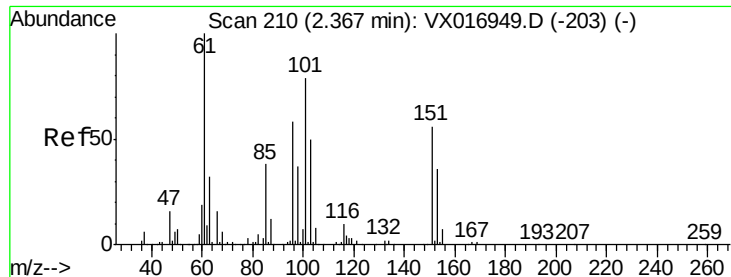


#8

Diethyl Ether
Concen: 16.977 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017003.D
Acq: 27 Jun 2020 00:48

Tgt Ion: 74 Resp: 37111
Ion Ratio Lower Upper
74 100
45 100.1 19.8 178.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.745 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX017003.D

Acq: 27 Jun 2020 00:48

Instrument :

MSVOA_X

ClientSampleId :

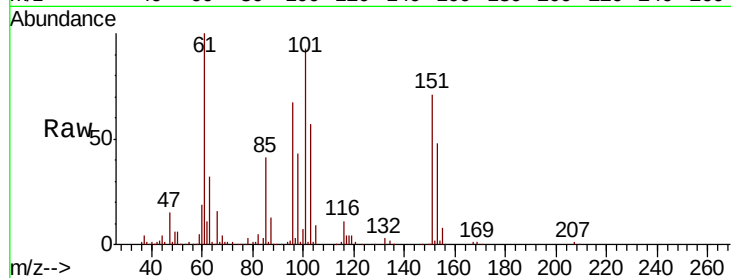
Tot Ion:101 Resp: 59767

Ion Ratio Lower Upper

101 100

85 43.8 0.0 94.6

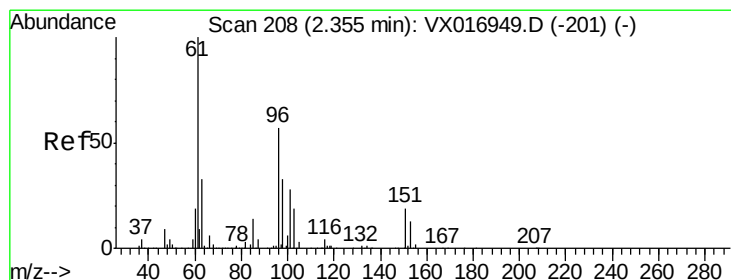
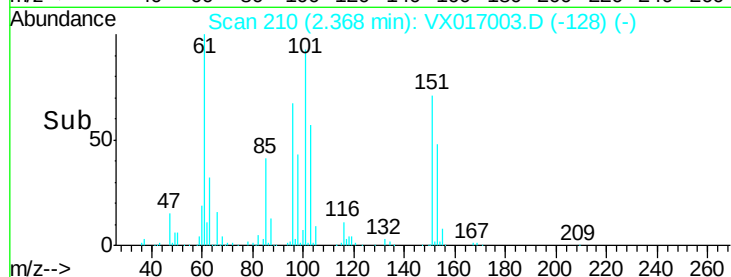
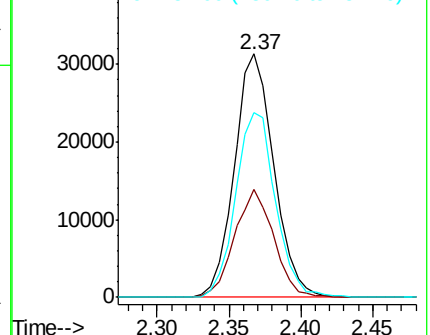
151 76.9 0.0 145.8



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: 19.497 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX017003.D

Acq: 27 Jun 2020 00:48

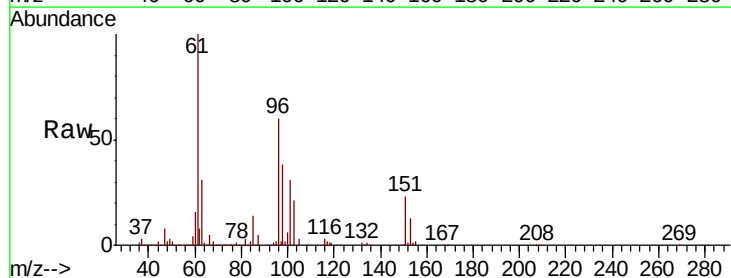
Tgt Ion: 96 Resp: 61309

Ion Ratio Lower Upper

96 100

61 167.2 141.3 211.9

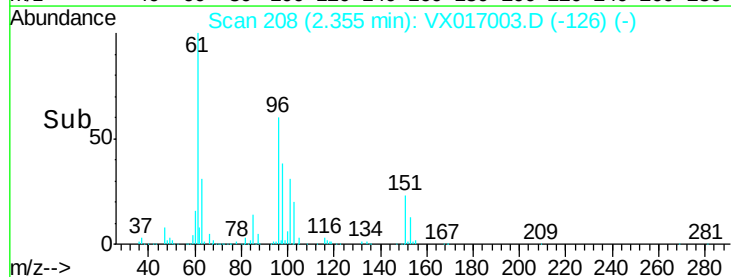
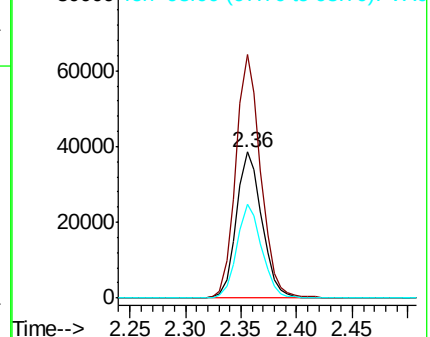
98 64.3 47.0 70.4

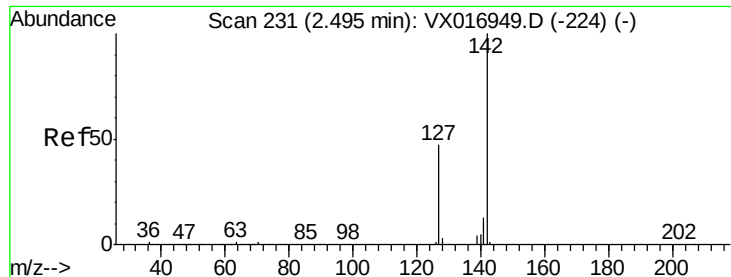


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

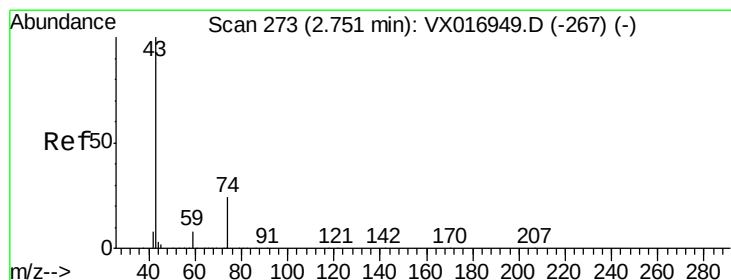
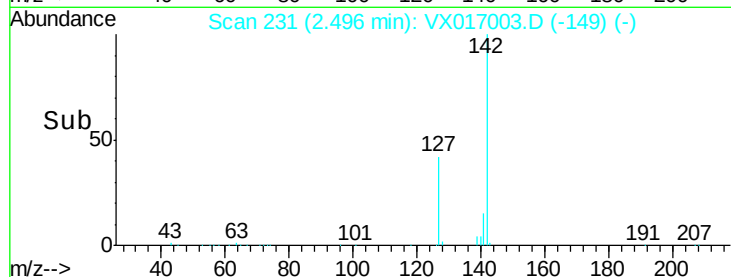
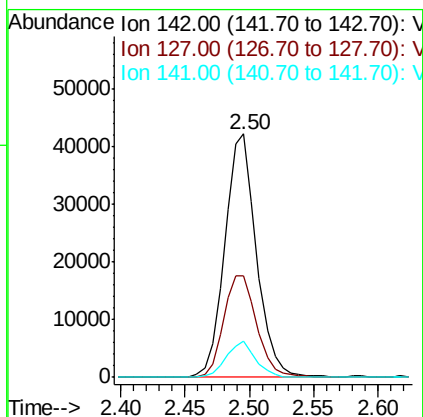
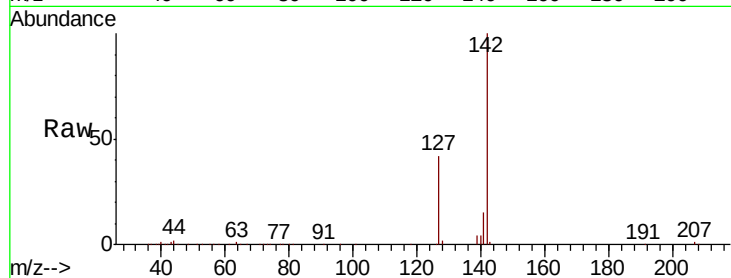




#11
Methyl Iodide
Concen: 17.255 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX017003.D
Acq: 27 Jun 2020 00:48

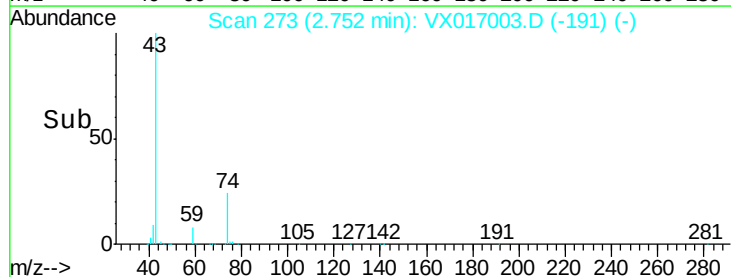
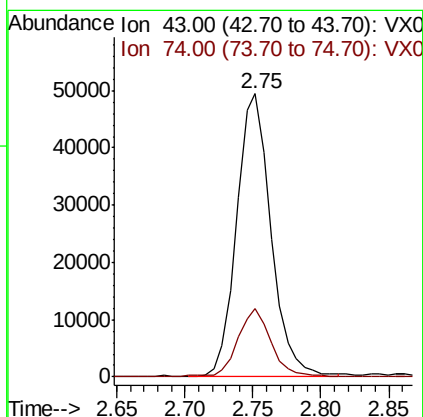
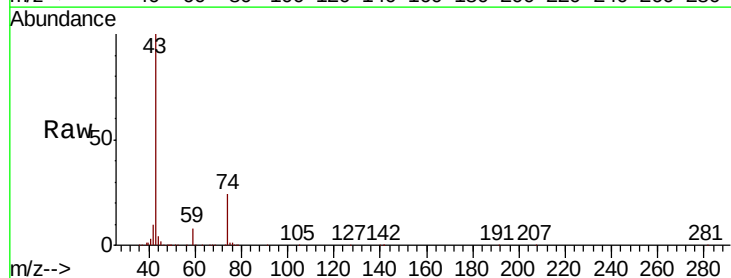
Instrument :
MSVOA_X
ClientSampled :

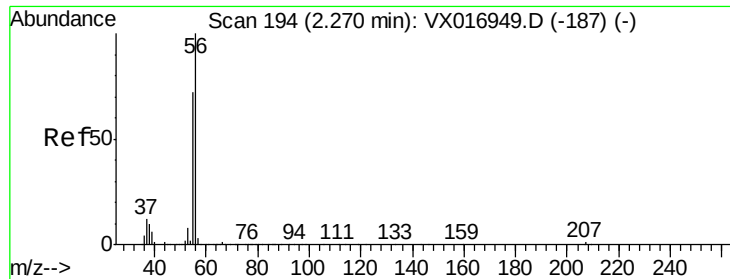
Tot Ion:142 Resp: 72449
Ion Ratio Lower Upper
142 100
127 41.7 23.3 69.9
141 14.9 6.7 20.1



#12
Methyl Acetate
Concen: 21.898 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX017003.D
Acq: 27 Jun 2020 00:48

Tgt Ion: 43 Resp: 86859
Ion Ratio Lower Upper
43 100
74 24.0 19.1 28.7





#13

Acrolein

Concen: 79.938 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX017003.D

Acq: 27 Jun 2020 00:48

Instrument :

MSVOA_X

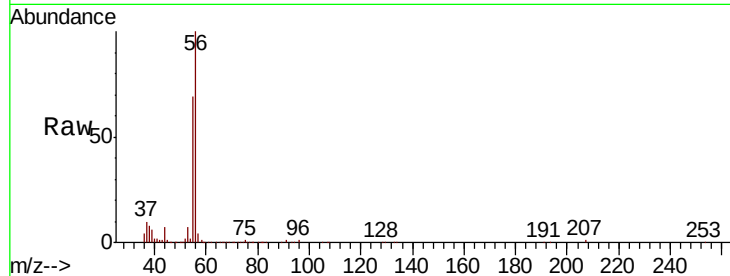
ClientSampleId :

Tot Ion: 56 Resp: 50033

Ion Ratio Lower Upper

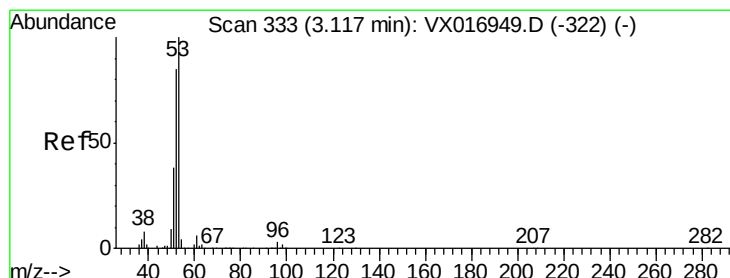
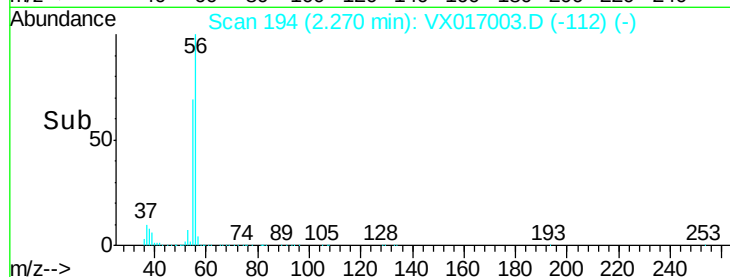
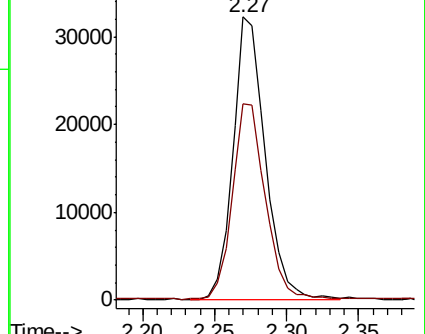
56 100

55 70.0 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 98.656 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017003.D

Acq: 27 Jun 2020 00:48

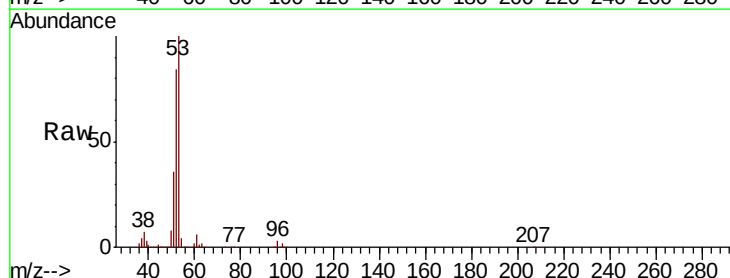
Tgt Ion: 53 Resp: 185344

Ion Ratio Lower Upper

53 100

52 82.6 40.6 121.8

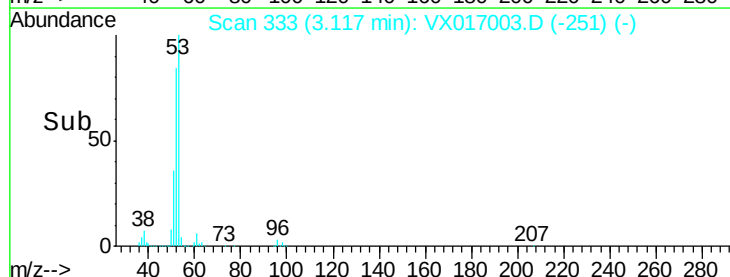
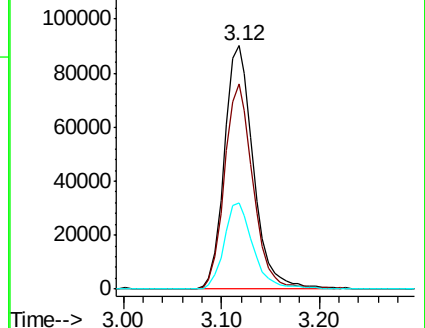
51 35.7 18.4 55.4

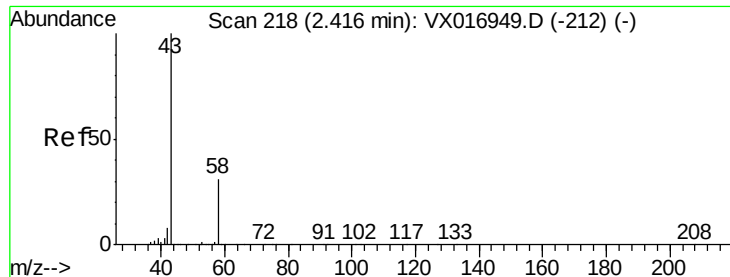


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 97.091 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX017003.D

Acq: 27 Jun 2020 00:48

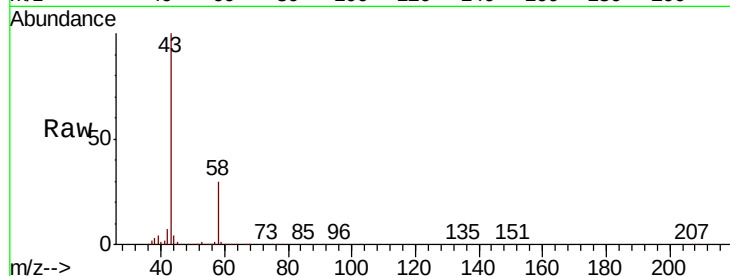
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 58 Resp: 47204

Ion Ratio Lower Upper

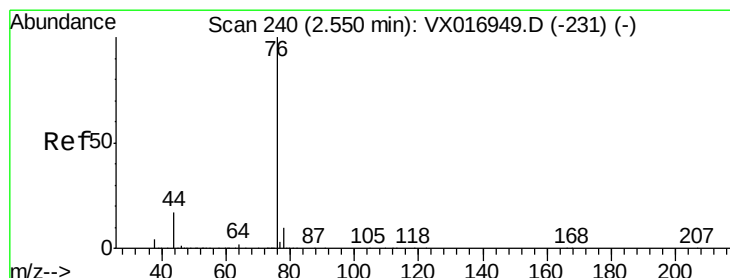
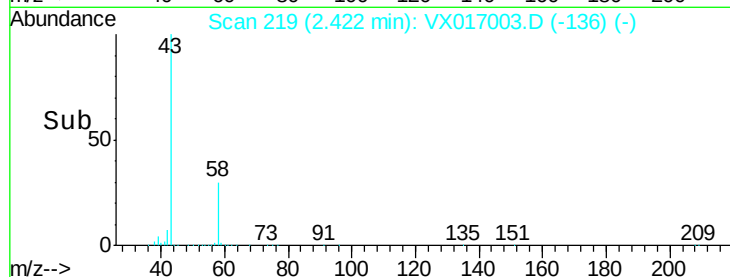
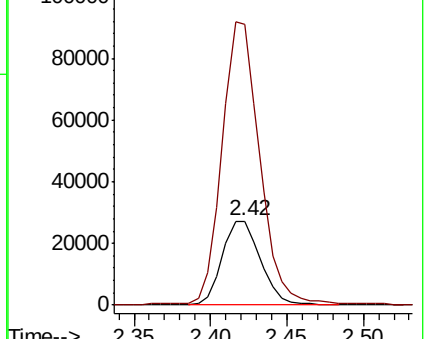
58 100

43 334.1 257.6 386.4



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 17.710 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017003.D

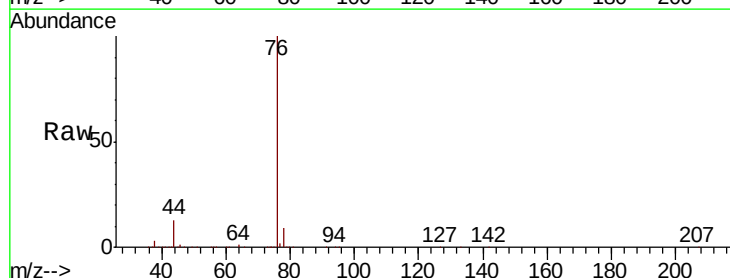
Acq: 27 Jun 2020 00:48

Tgt Ion: 76 Resp: 175069

Ion Ratio Lower Upper

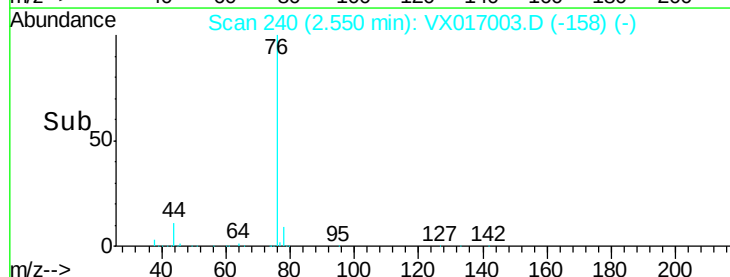
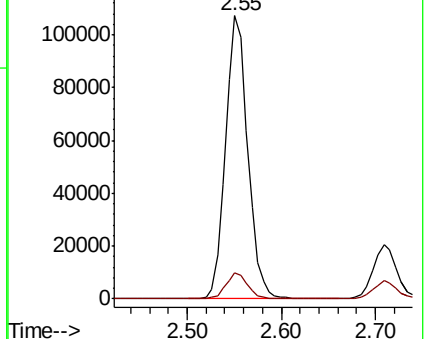
76 100

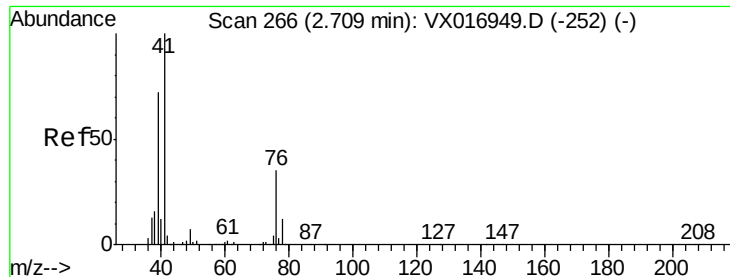
78 9.2 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

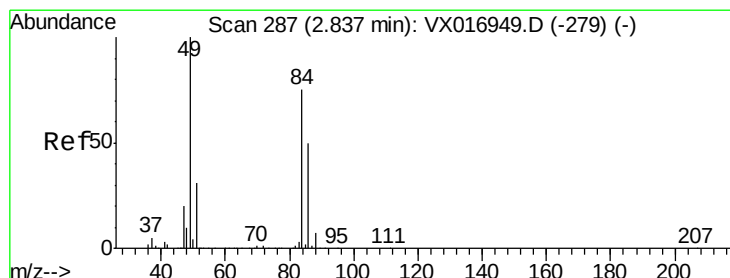
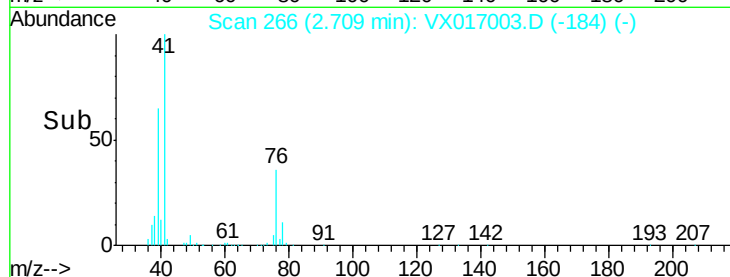
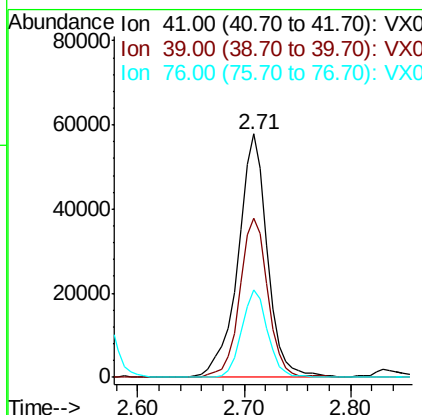
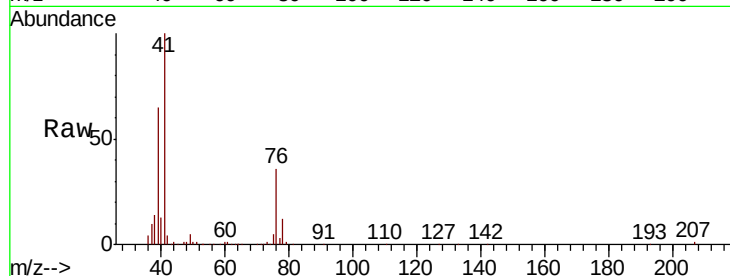




#17
Allvl chloride
Concen: 18.806 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX017003.D
Acq: 27 Jun 2020 00:48

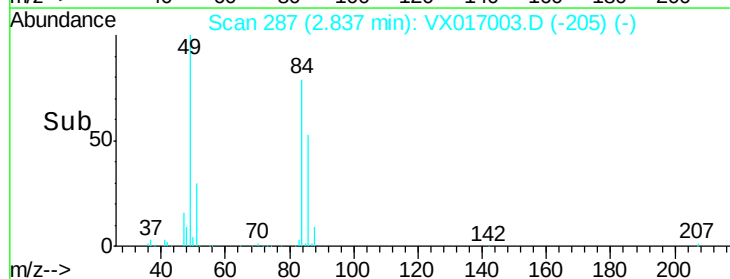
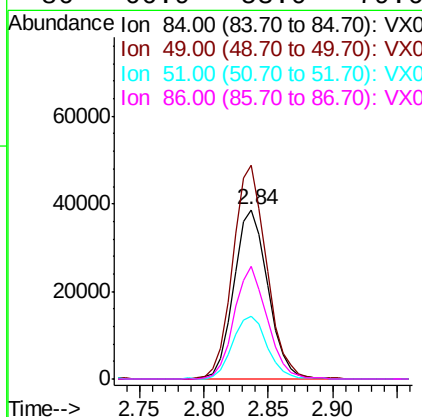
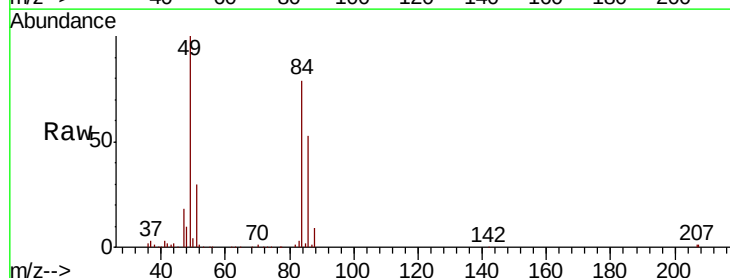
Instrument :
MSVOA_X
ClientSampleId :

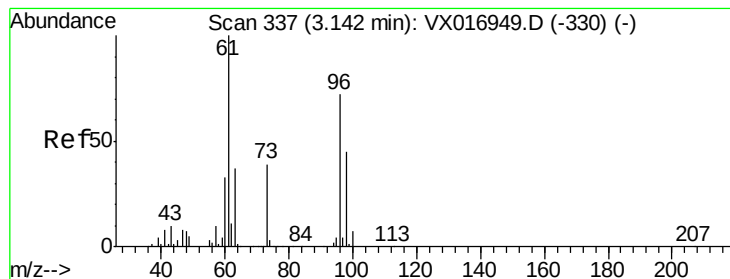
Tot Ion: 41 Resp: 110707
Ion Ratio Lower Upper
41 100
39 65.5 35.9 107.8
76 35.7 17.6 52.8



#18
Methylene Chloride
Concen: 18.738 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017003.D
Acq: 27 Jun 2020 00:48

Tgt Ion: 84 Resp: 70970
Ion Ratio Lower Upper
84 100
49 126.3 106.6 159.8
51 37.1 32.7 49.1
86 66.9 53.0 79.6





#19

trans-1,2-Dichloroethene

Concen: 18.895 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017003.D

Acq: 27 Jun 2020 00:48

Instrument :

MSVOA_X

ClientSampleId :

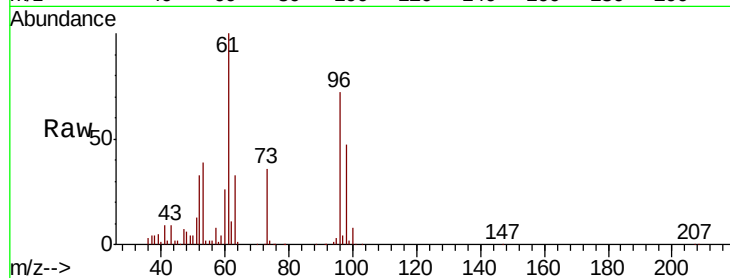
Tot Ion: 96 Resp: 67320

Ion Ratio Lower Upper

96 100

61 139.5 110.6 165.8

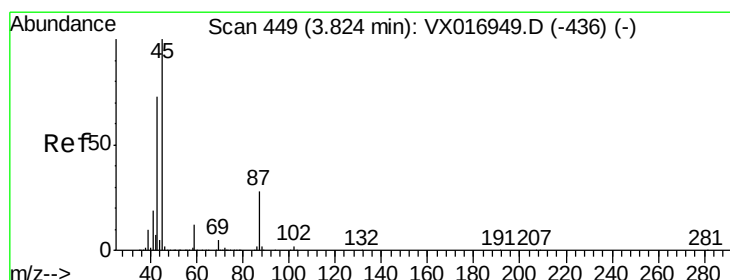
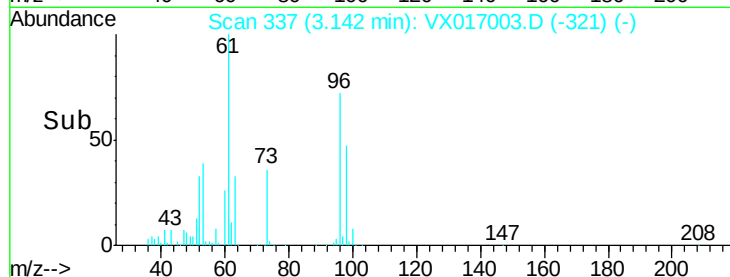
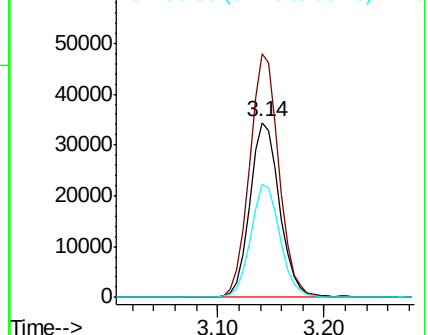
98 65.0 49.8 74.6



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



#20

Diisopropyl ether

Concen: 19.324 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX017003.D

Acq: 27 Jun 2020 00:48

Tgt Ion: 45 Resp: 227337

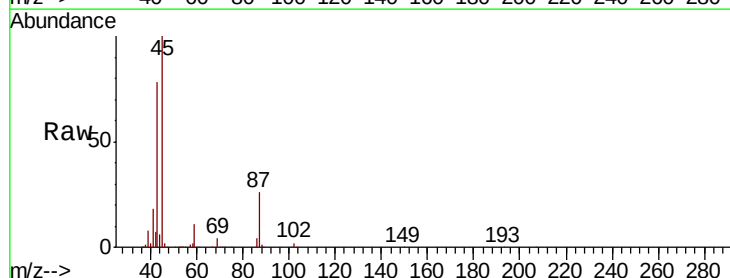
Ion Ratio Lower Upper

45 100

43 77.5 63.9 95.9

87 26.5 22.2 33.4

59 10.8 9.8 14.6

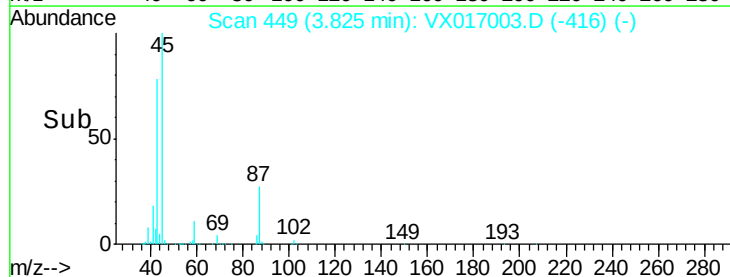
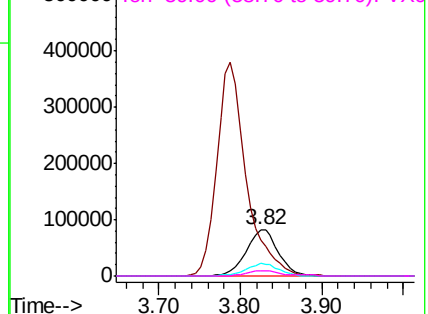


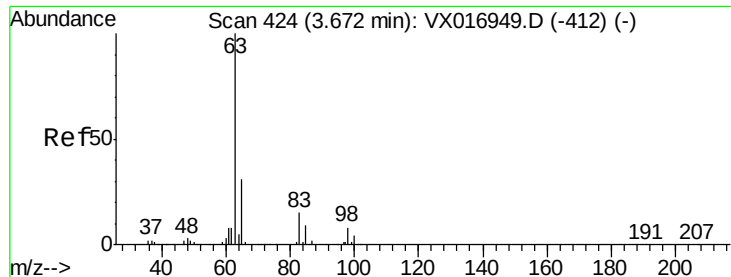
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 18.812 ug/l

RT: 3.67 min Scan# 424

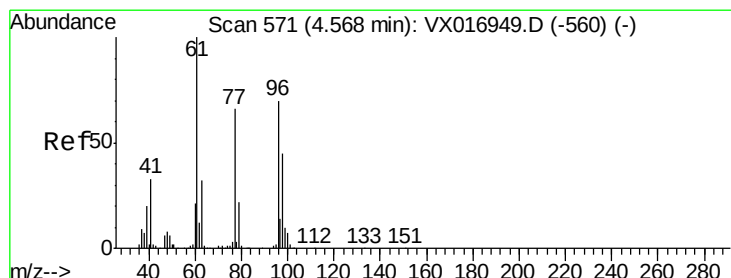
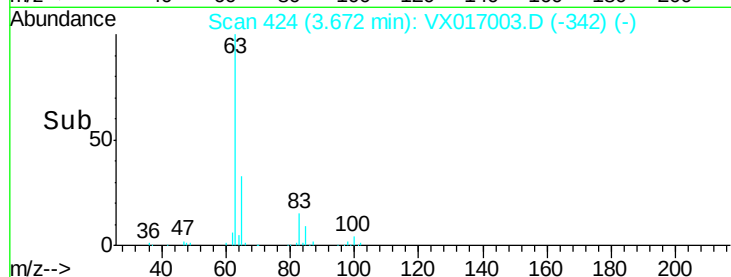
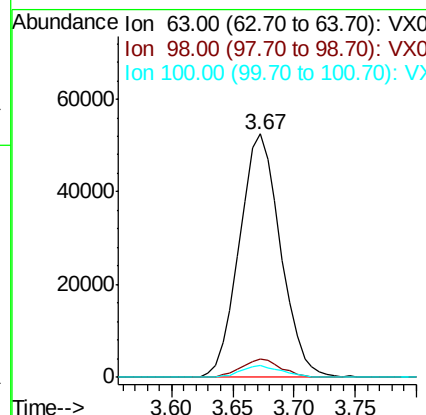
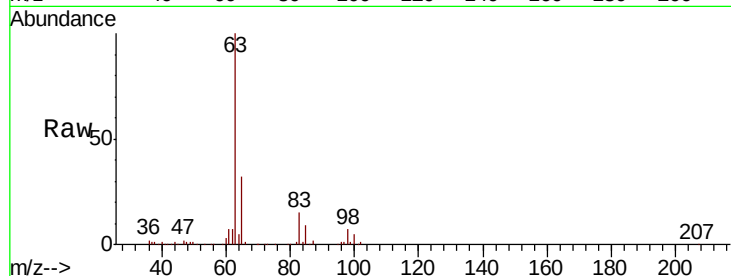
Delta R.T. 0.00 min

Lab File: VX017003.D

Acq: 27 Jun 2020 00:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	63	Resp:	122036
Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.8	11.4
100	4.7	2.2	6.6



#22

cis-1,2-Dichloroethene

Concen: 19.473 ug/l

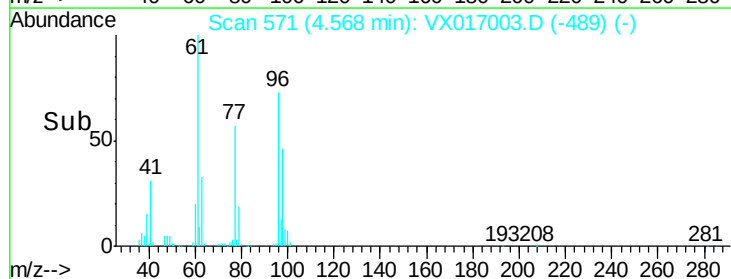
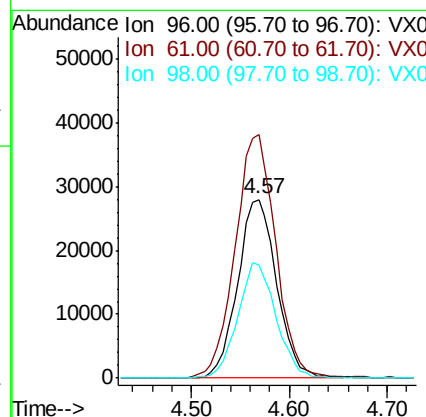
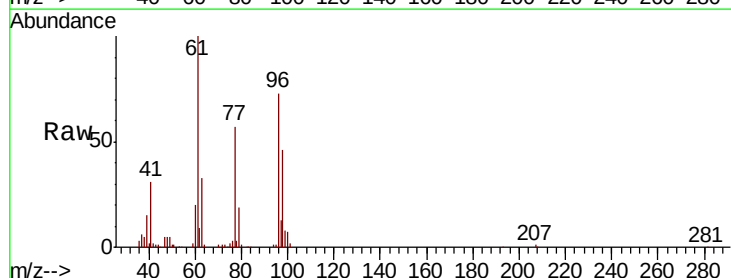
RT: 4.57 min Scan# 571

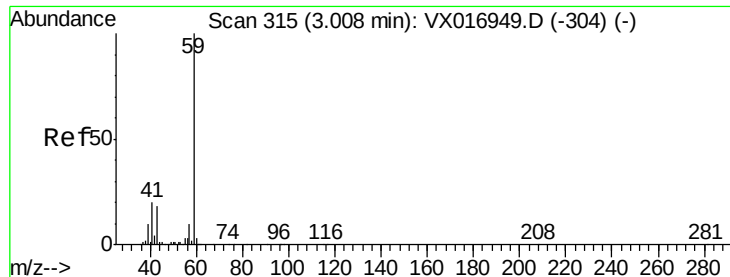
Delta R.T. 0.00 min

Lab File: VX017003.D

Acq: 27 Jun 2020 00:48

Tgt Ion:	96	Resp:	77247
Ion	Ratio	Lower	Upper
96	100		
61	141.6	120.8	181.2
98	63.1	51.7	77.5



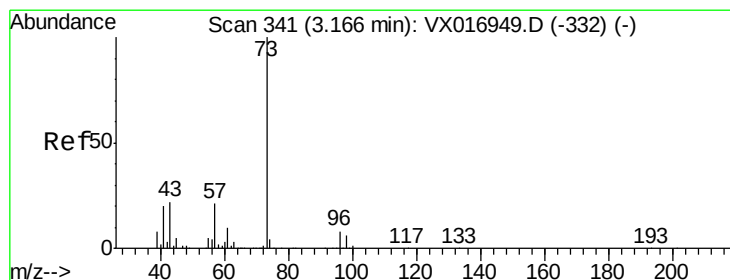
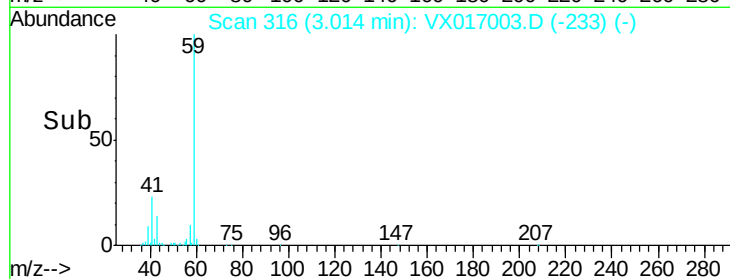
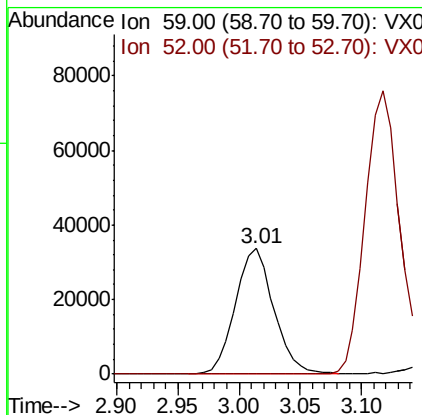
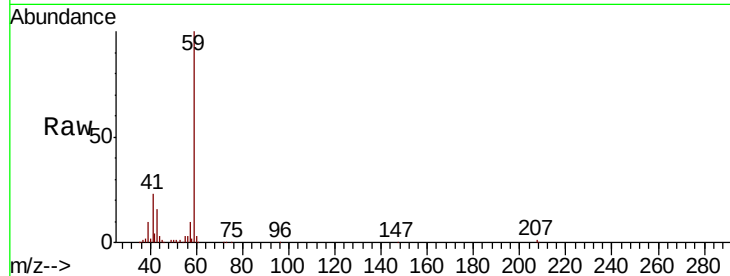


#23

tert-Butyl Alcohol
 Concen: 88.887 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX017003.D
 Acq: 27 Jun 2020 00:48

Instrument :
 MSVOA_X
 ClientSampleId :

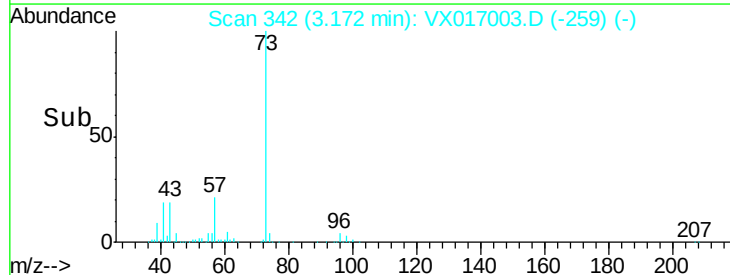
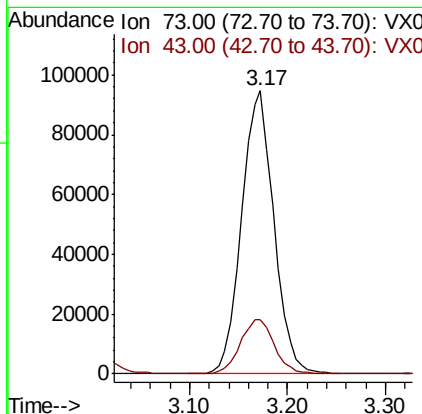
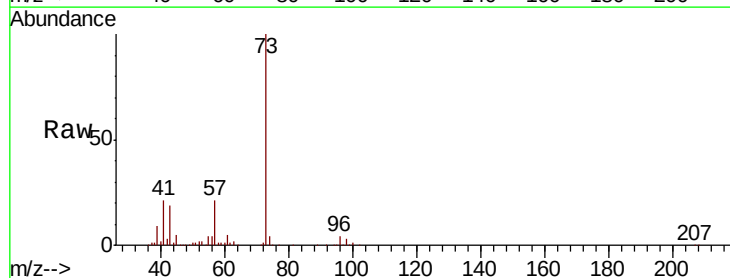
Tot Ion: 59 Resp: 73972
 Ion Ratio Lower Upper
 59 100
 52 0.3 0.1 0.1#

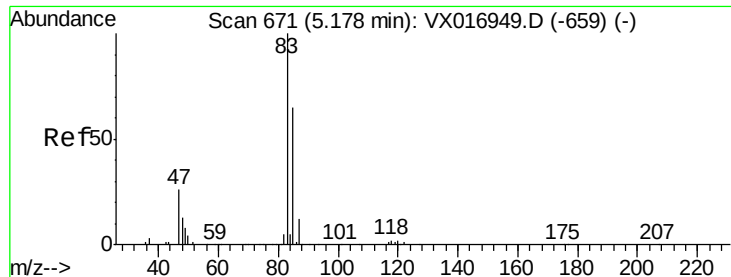


#24

Methyl tert-Butyl Ether
 Concen: 19.227 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX017003.D
 Acq: 27 Jun 2020 00:48

Tgt Ion: 73 Resp: 215888
 Ion Ratio Lower Upper
 73 100
 43 20.3 17.2 25.8

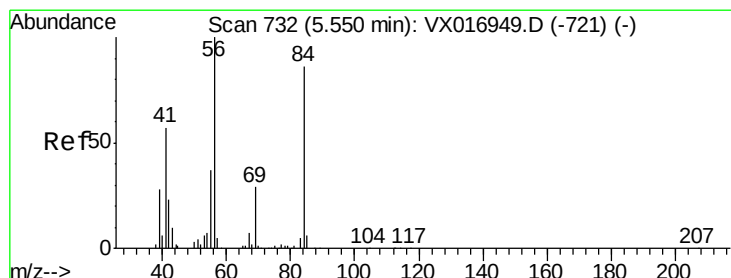
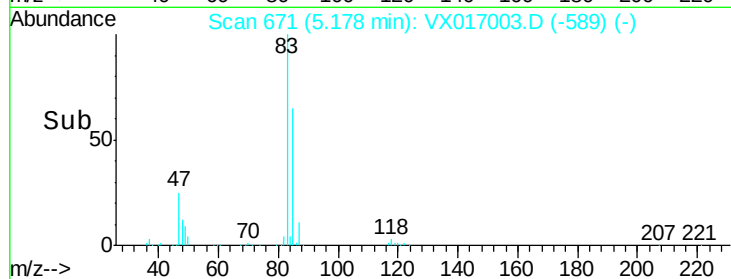
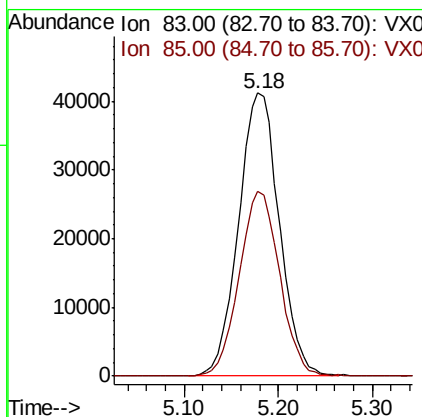
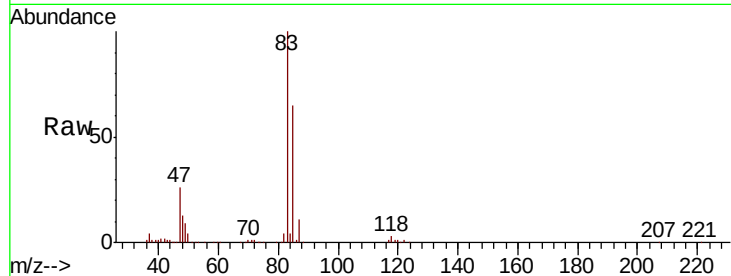




#25
Chloroform
Concen: 18.968 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX017003.D
Acq: 27 Jun 2020 00:48

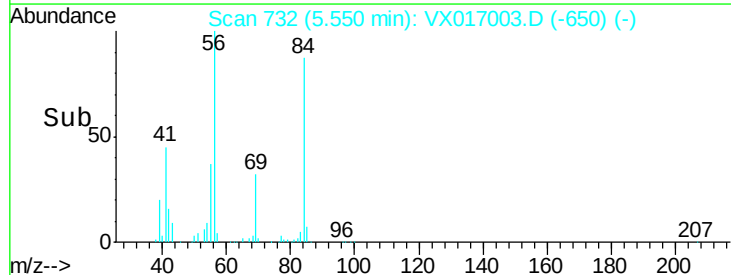
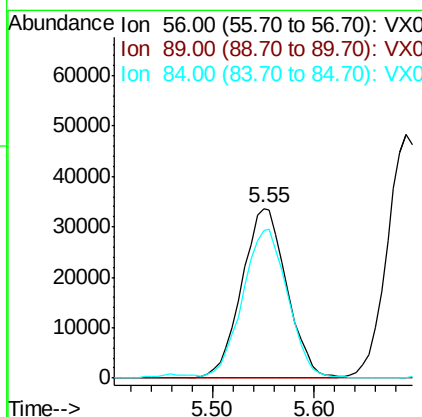
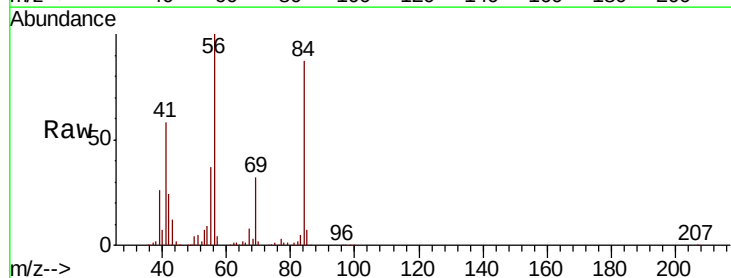
Instrument :
MSVOA_X
ClientSampleId :

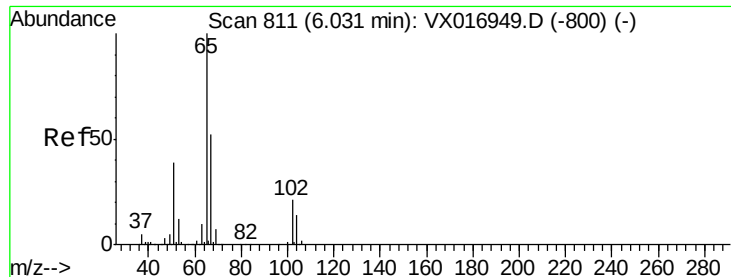
Tot Ion: 83 Resp: 124753
Ion Ratio Lower Upper
83 100
85 65.3 52.1 78.1



#26
Cyclohexane
Concen: 18.261 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX017003.D
Acq: 27 Jun 2020 00:48

Tgt Ion: 56 Resp: 103335
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.5 69.0 103.6





#27

1,2-Dichloroethane-d4

Concen: 29.114 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX017003.D

Acq: 27 Jun 2020 00:48

Instrument :

MSVOA_X

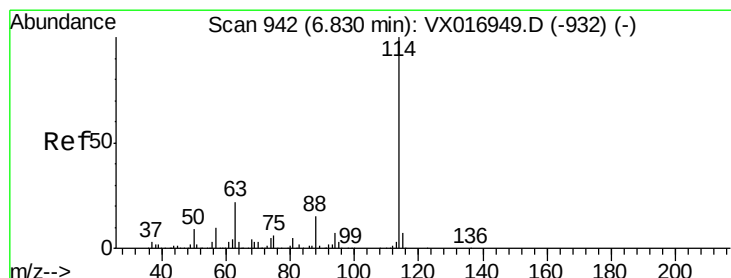
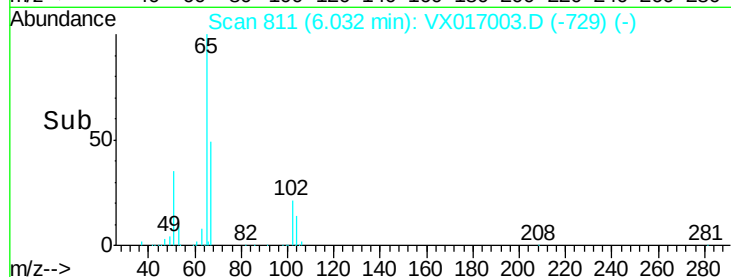
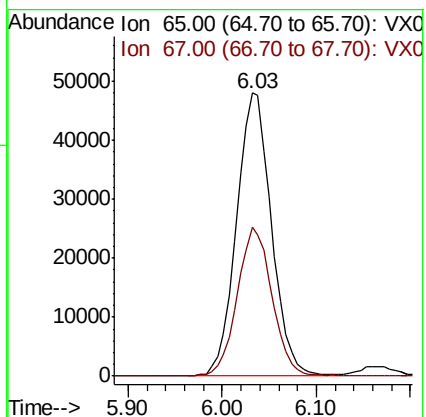
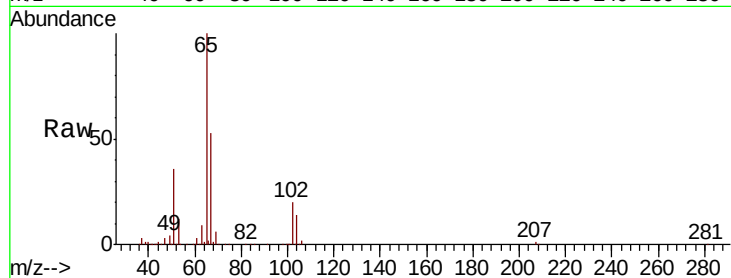
ClientSampled :

Tot Ion: 65 Resp: 124474

Ion Ratio Lower Upper

65 100

67 52.3 41.5 62.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017003.D

Acq: 27 Jun 2020 00:48

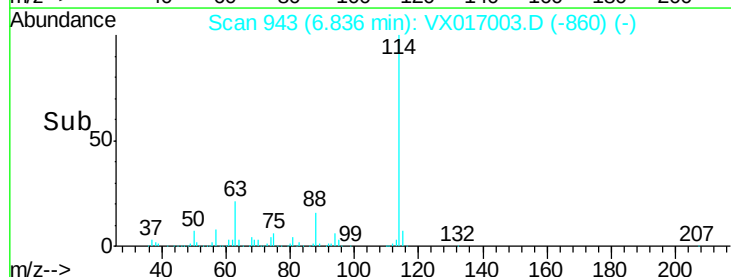
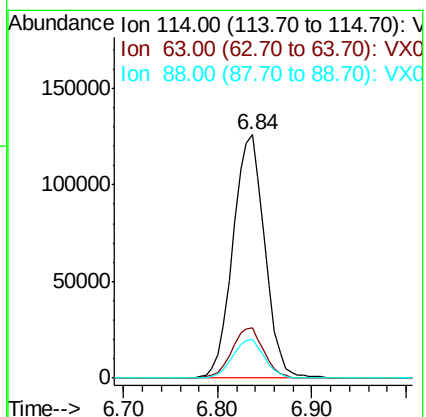
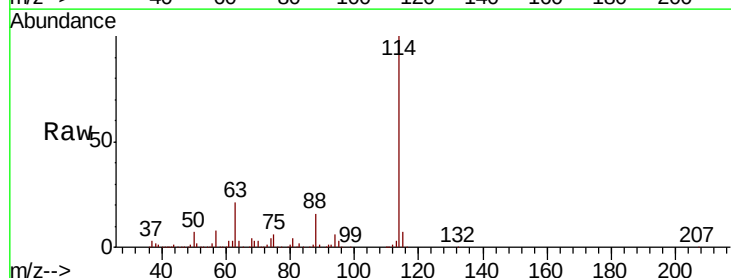
Tgt Ion: 114 Resp: 296009

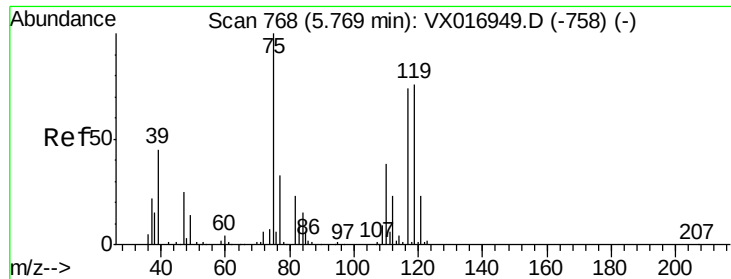
Ion Ratio Lower Upper

114 100

63 20.8 17.4 26.2

88 15.9 13.0 19.6

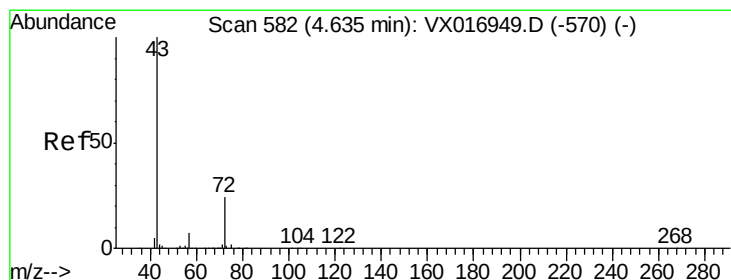
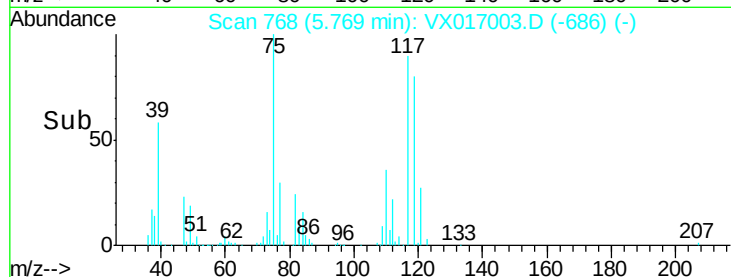
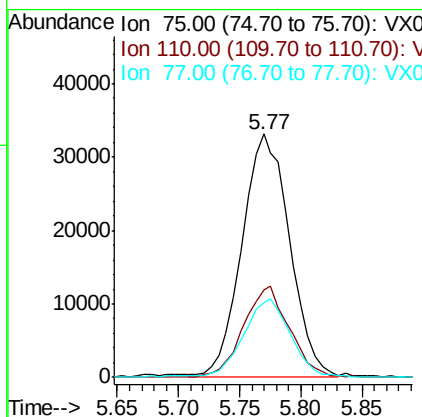
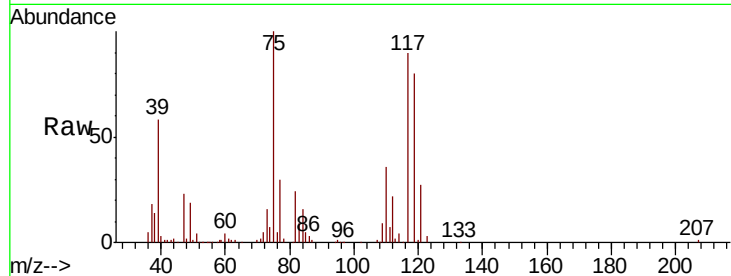




#29
 1,1-Dichloropropene
 Concen: 18.607 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX017003.D
 Acq: 27 Jun 2020 00:48

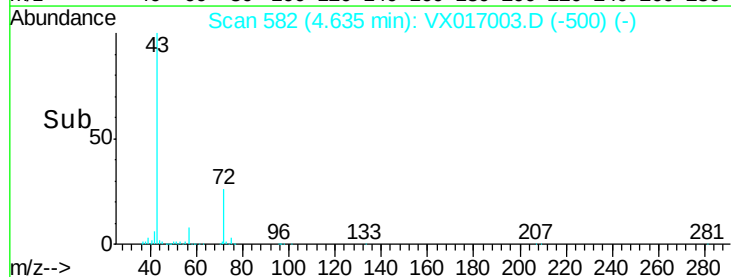
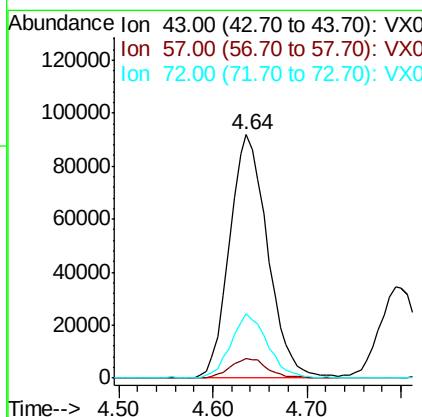
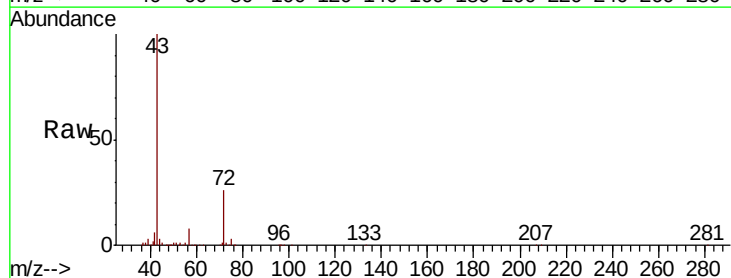
Instrument :
 MSVOA_X
 ClientSampleId :

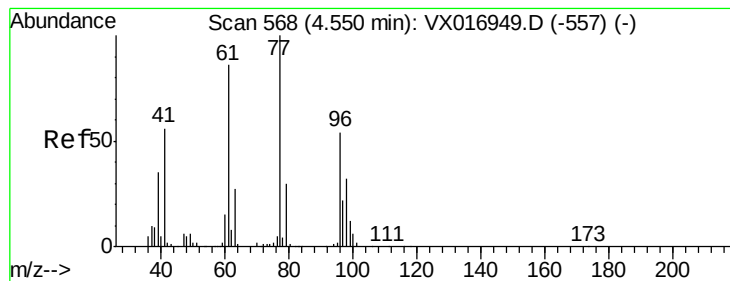
Tot Ion	Ratio	Lower	Upper
75	100		
110	36.1	0.0	71.6
77	31.6	0.0	64.0



#30
 2-Butanone
 Concen: 101.890 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX017003.D
 Acq: 27 Jun 2020 00:48

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.9	6.2	9.4
72	25.3	20.6	31.0





#31

2,2-Dichloropropane

Concen: 15.815 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX017003.D

Acq: 27 Jun 2020 00:48

Instrument :

MSVOA_X

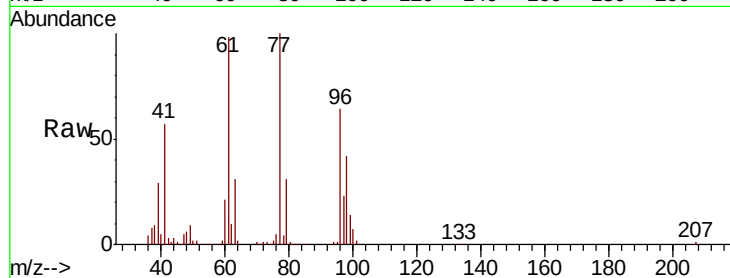
ClientSampled :

Tot Ion: 77 Resp: 87460

Ion Ratio Lower Upper

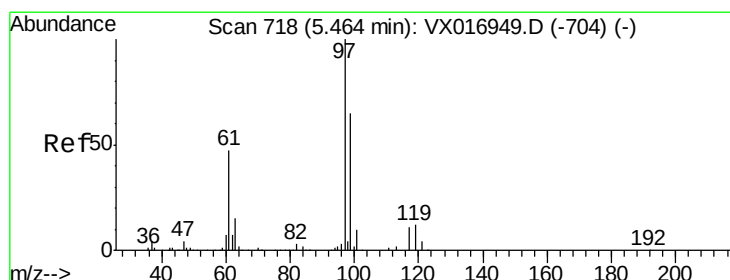
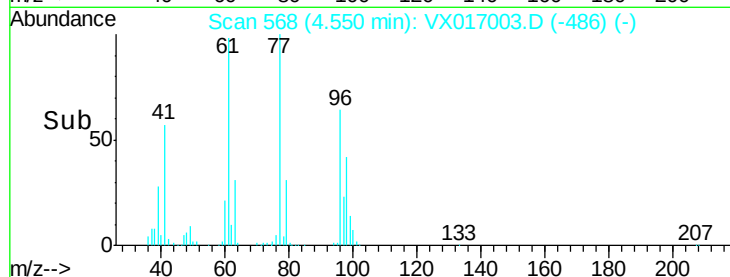
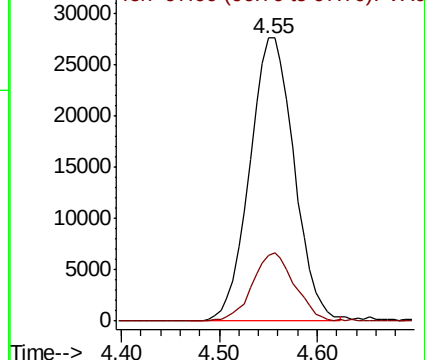
77 100

97 22.9 18.5 27.7



Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.580 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX017003.D

Acq: 27 Jun 2020 00:48

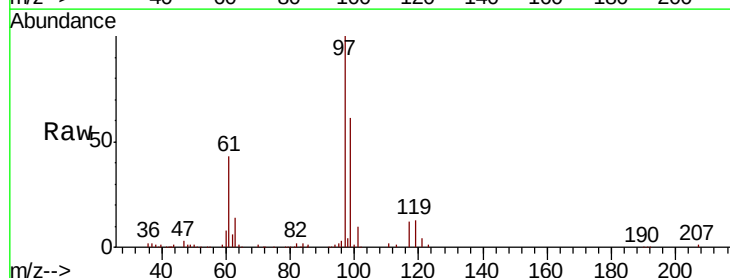
Tgt Ion: 97 Resp: 114248

Ion Ratio Lower Upper

97 100

99 62.8 52.2 78.2

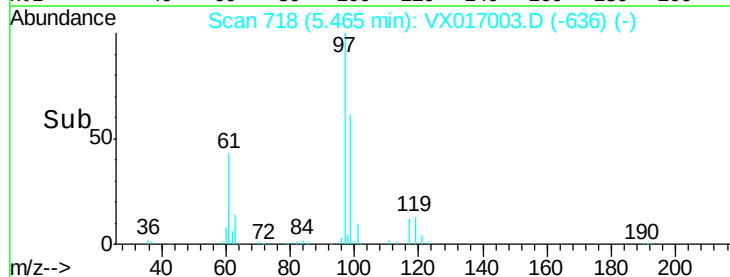
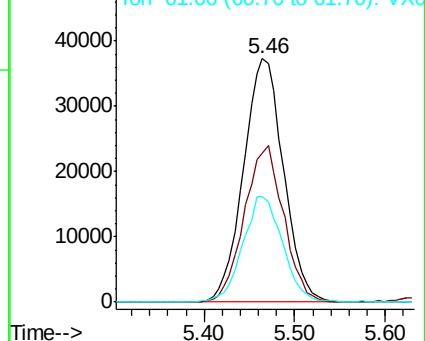
61 42.8 36.9 55.3

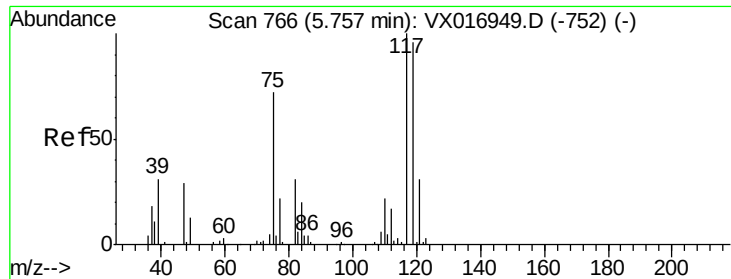


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#33

Carbon Tetrachloride

Concen: 19.631 ug/l

RT: 5.76 min Scan# 766

Delta R.T. 0.00 min

Lab File: VX017003.D

Acq: 27 Jun 2020 00:48

Instrument :

MSVOA_X

ClientSampleId :

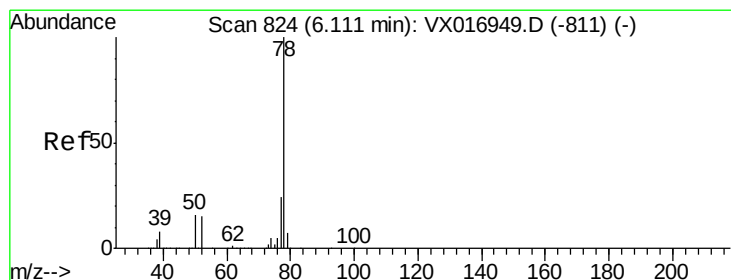
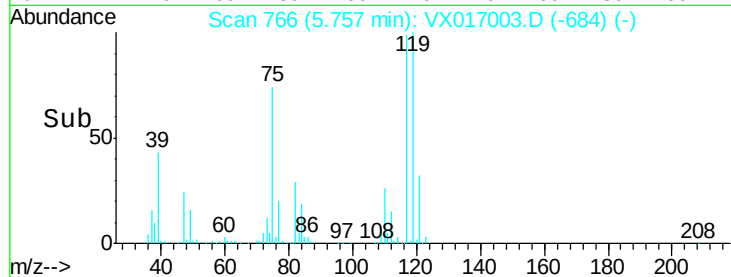
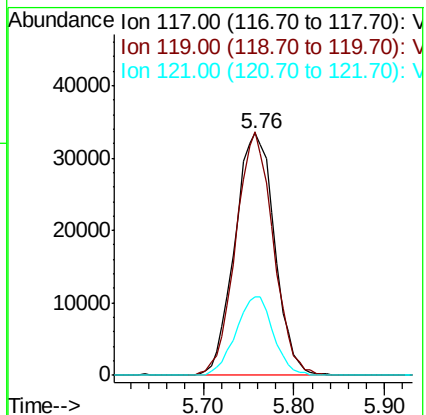
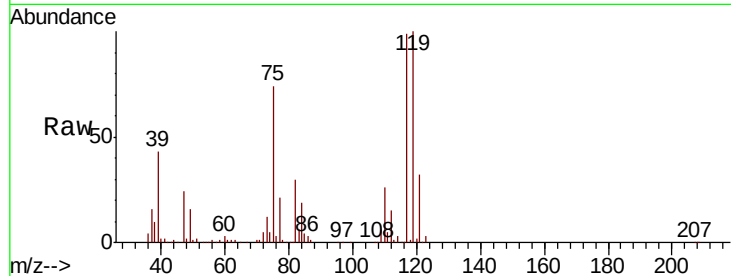
Tot Ion:117 Resp: 101581

Ion Ratio Lower Upper

117 100

119 100.6 77.0 115.4

121 32.2 25.0 37.4



#34

Benzene

Concen: 19.420 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX017003.D

Acq: 27 Jun 2020 00:48

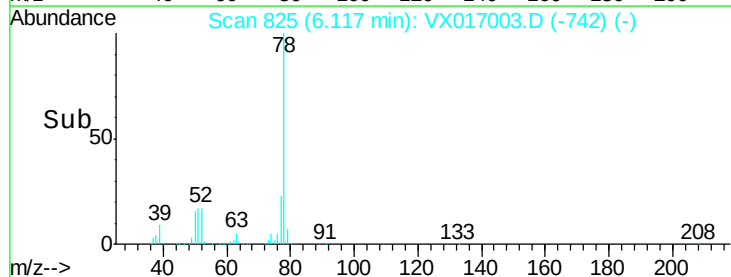
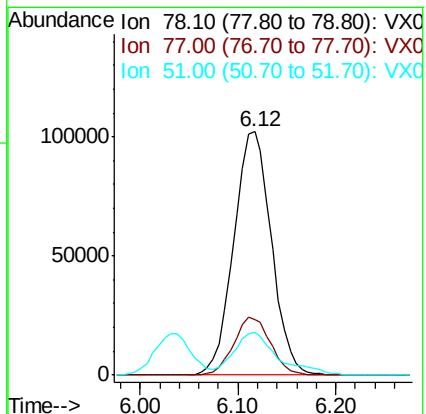
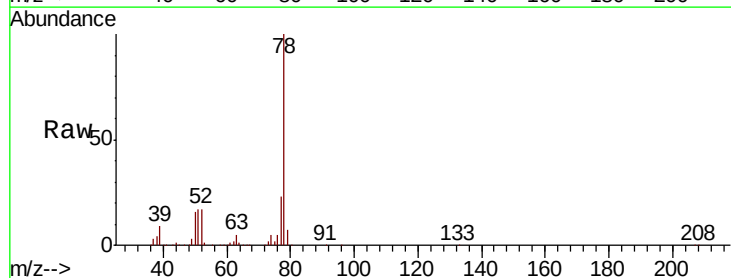
Tgt Ion: 78 Resp: 272668

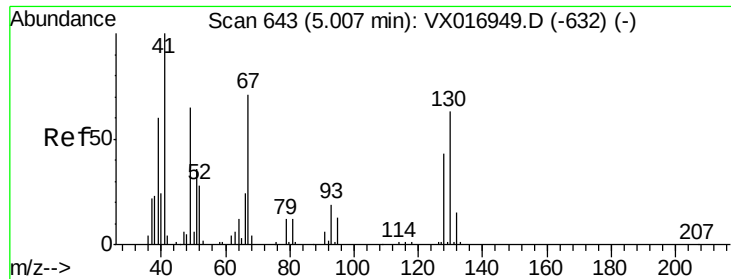
Ion Ratio Lower Upper

78 100

77 22.9 19.0 28.6

51 16.9 12.8 19.2

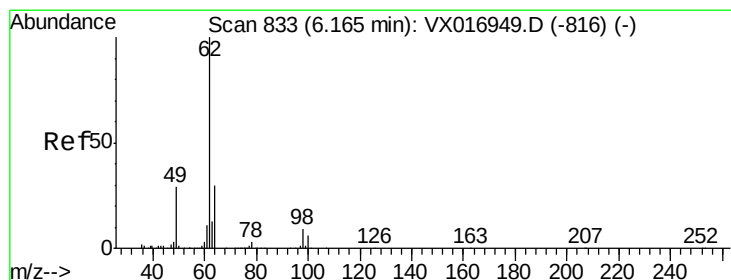
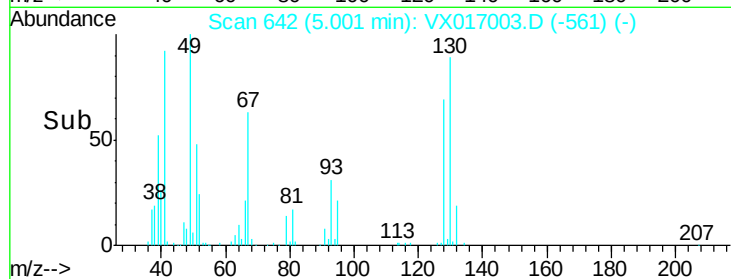
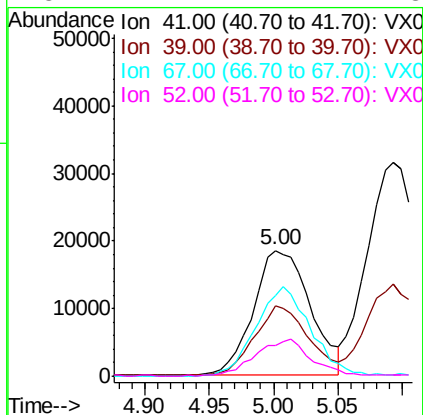
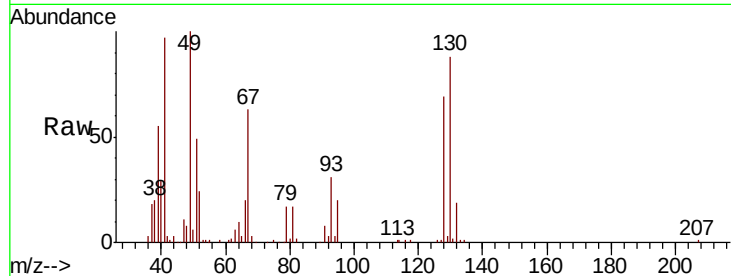




#35
Methacrylonitrile
Concen: 20.526 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX017003.D
Acq: 27 Jun 2020 00:48

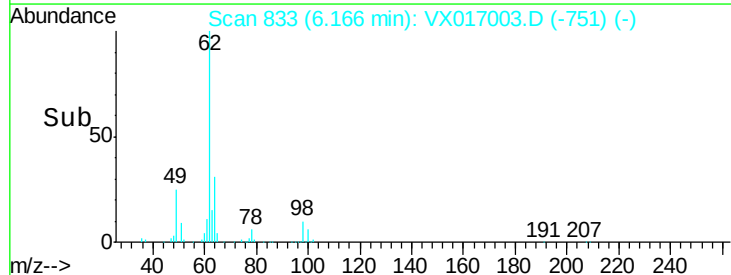
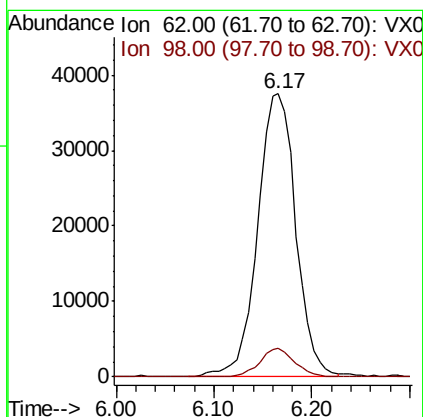
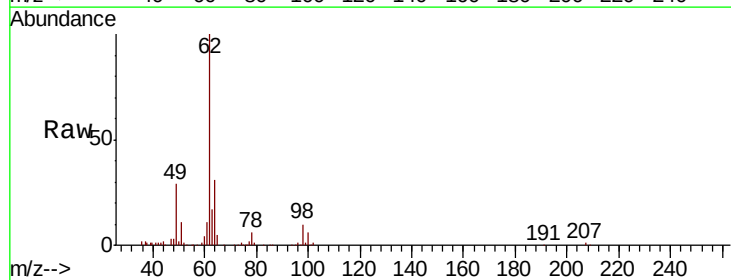
Instrument :
MSVOA_X
ClientSampled :

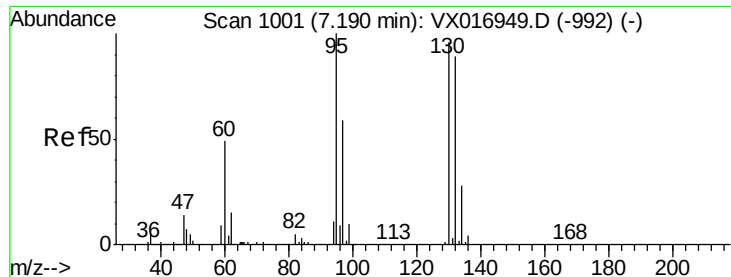
Tot Ion:	41	Resp:	56937
Ion	Ratio	Lower	Upper
41	100		
39	55.6	29.8	89.5
67	65.0	35.3	105.9
52	24.1	14.1	42.3



#36
1,2-Dichloroethane
Concen: 18.884 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX017003.D
Acq: 27 Jun 2020 00:48

Tgt Ion:	62	Resp:	101548
Ion	Ratio	Lower	Upper
62	100		
98	9.4	7.6	11.4





#37

Trichloroethene

Concen: 21.174 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017003.D

Acq: 27 Jun 2020 00:48

Instrument :

MSVOA_X

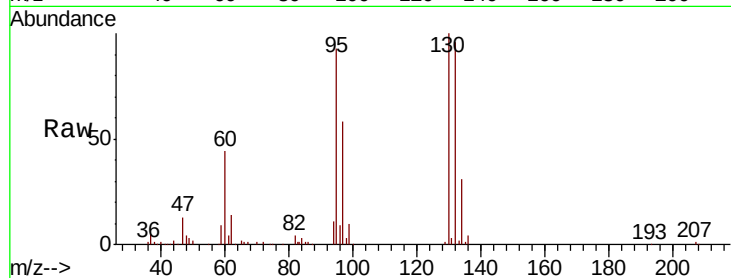
ClientSampleId :

Tot Ion:130 Resp: 81126

Ion Ratio Lower Upper

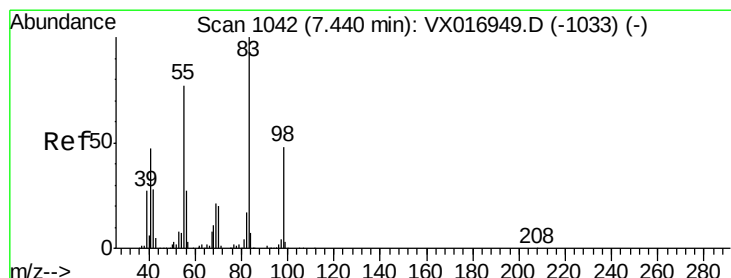
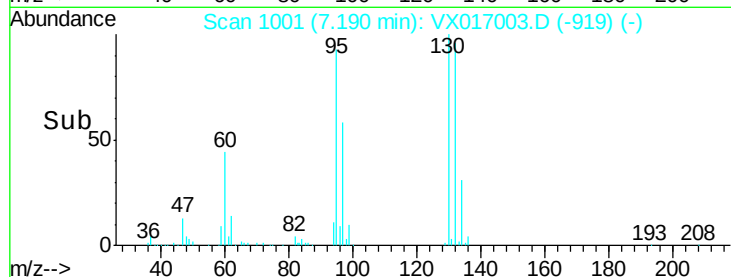
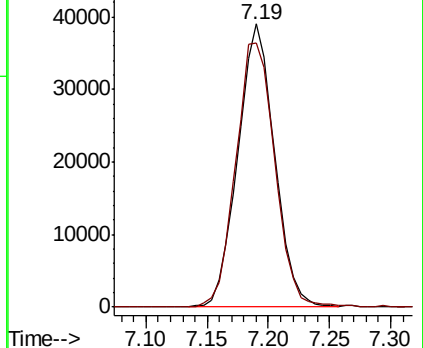
130 100

95 93.0 83.1 124.7



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 17.592 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX017003.D

Acq: 27 Jun 2020 00:48

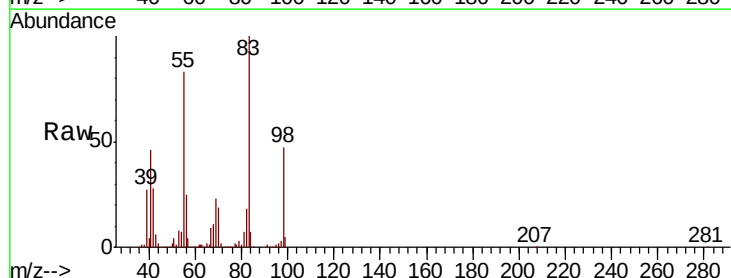
Tgt Ion: 83 Resp: 96609

Ion Ratio Lower Upper

83 100

55 80.4 38.1 114.5

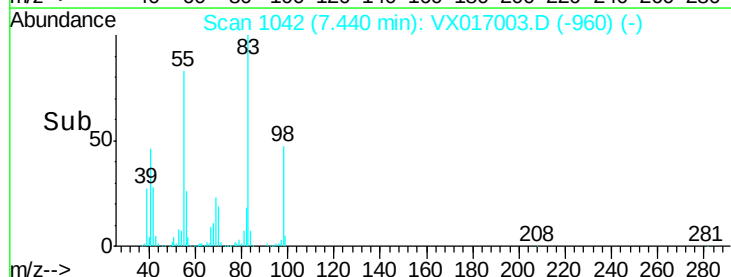
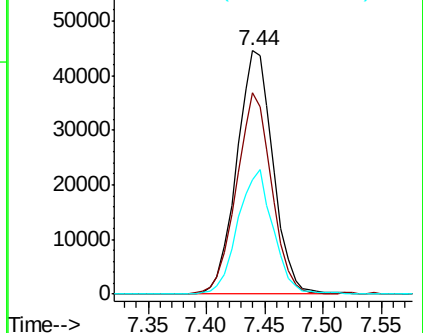
98 50.2 24.6 73.6

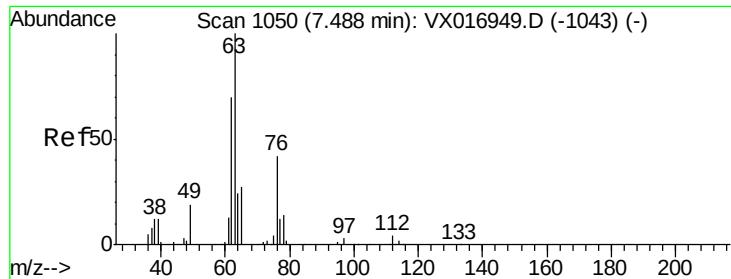


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

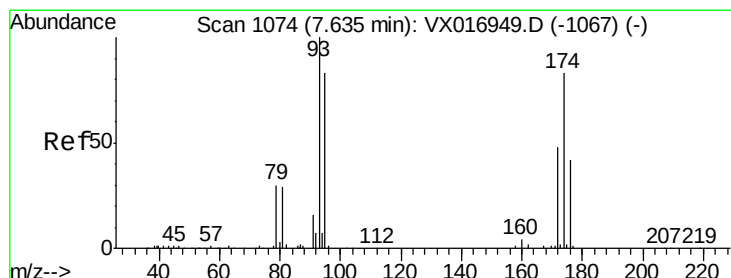
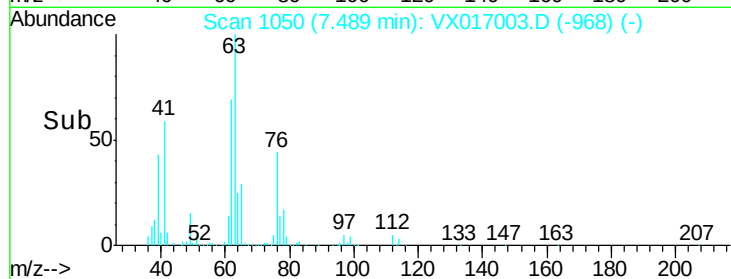
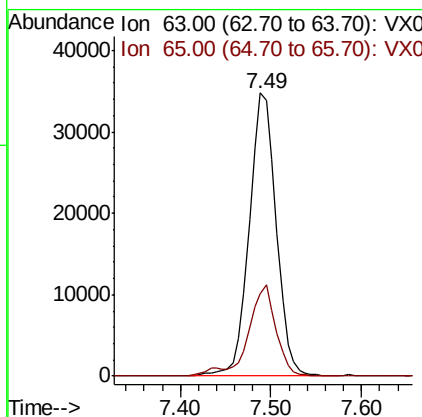
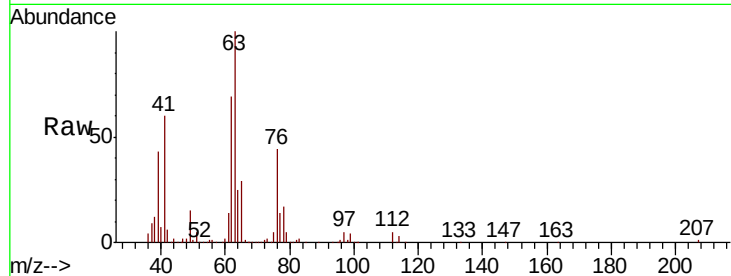




#39
 1,2-Dichloropropane
 Concen: 19.634 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX017003.D
 Acq: 27 Jun 2020 00:48

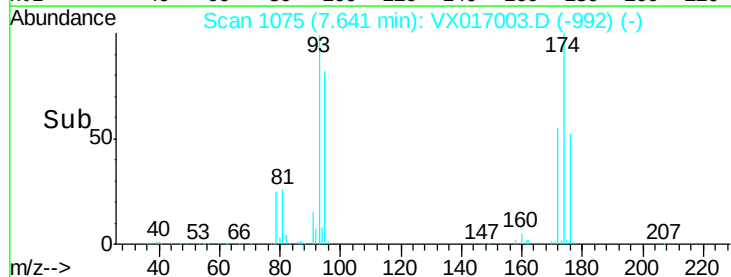
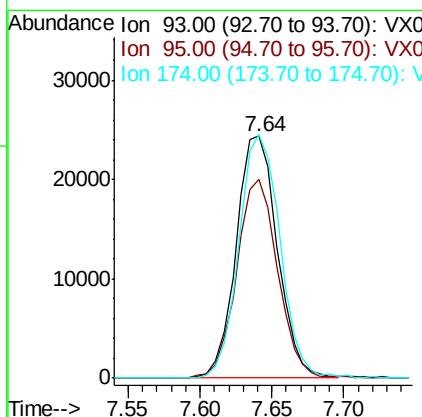
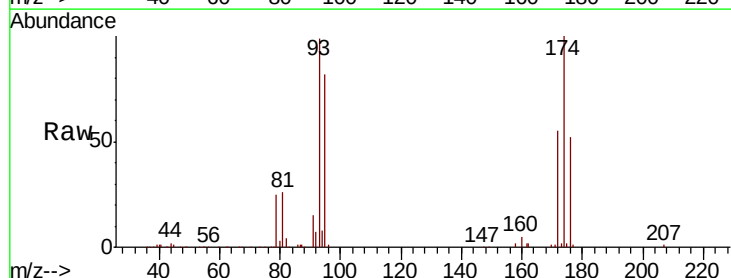
Instrument :
 MSVOA_X
 ClientSampled :

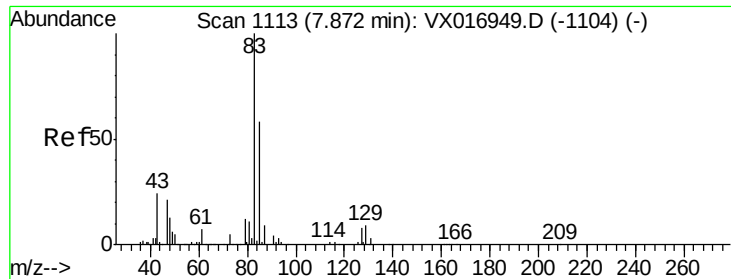
Tot Ion: 63 Resp: 71822
 Ion Ratio Lower Upper
 63 100
 65 28.9 22.8 34.2



#40
 Dibromomethane
 Concen: 19.192 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.01 min
 Lab File: VX017003.D
 Acq: 27 Jun 2020 00:48

Tgt Ion: 93 Resp: 48385
 Ion Ratio Lower Upper
 93 100
 95 81.8 0.0 165.4
 174 100.4 0.0 192.0





#41

Bromodichloromethane

Concen: 19.225 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX017003.D

Acq: 27 Jun 2020 00:48

Instrument :

MSVOA_X

ClientSampleId :

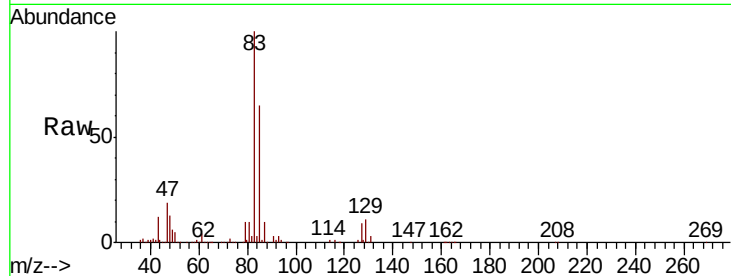
Tot Ion: 83 Resp: 100366

Ion Ratio Lower Upper

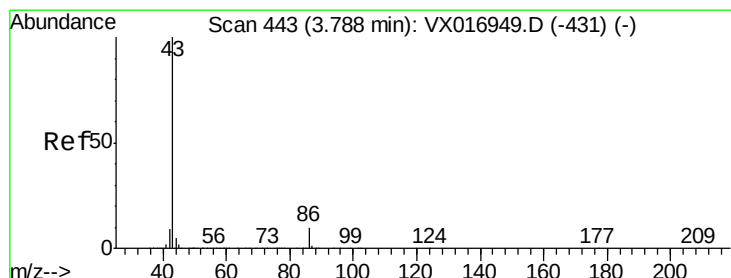
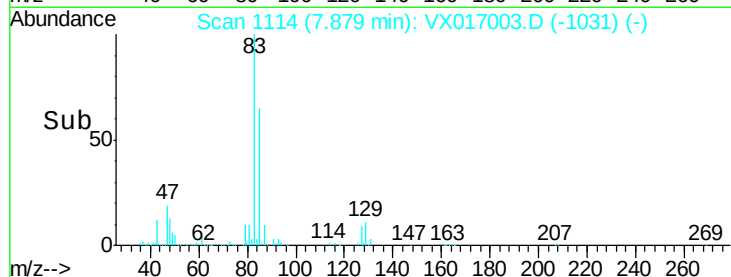
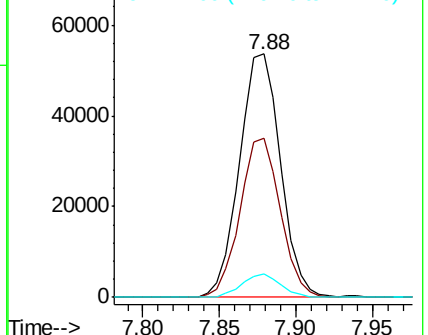
83 100

85 65.0 46.7 70.1

127 9.4 6.5 9.7



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: 94.205 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX017003.D

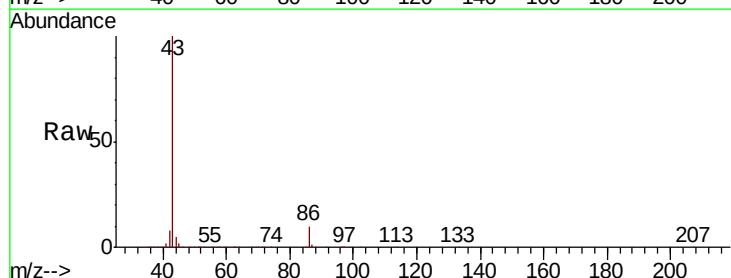
Acq: 27 Jun 2020 00:48

Tgt Ion: 43 Resp: 954183

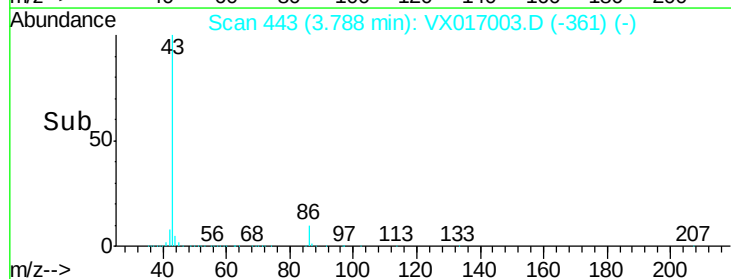
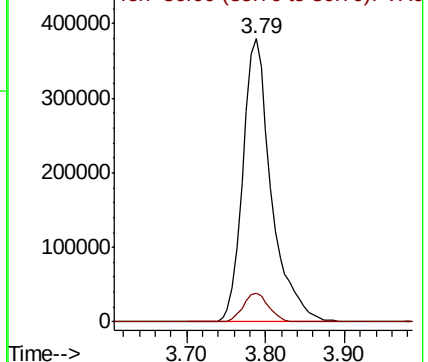
Ion Ratio Lower Upper

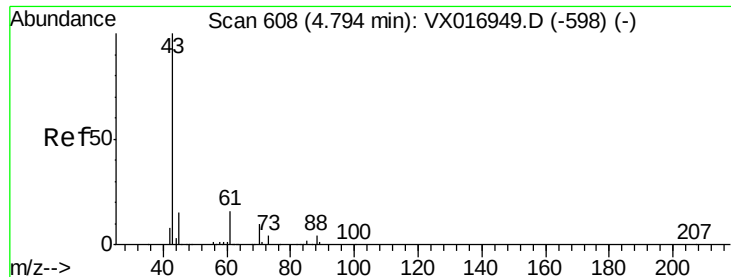
43 100

86 9.4 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0

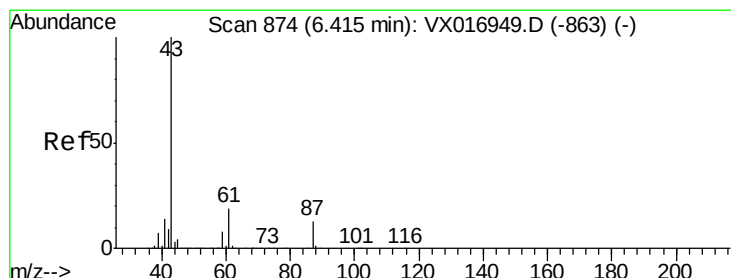
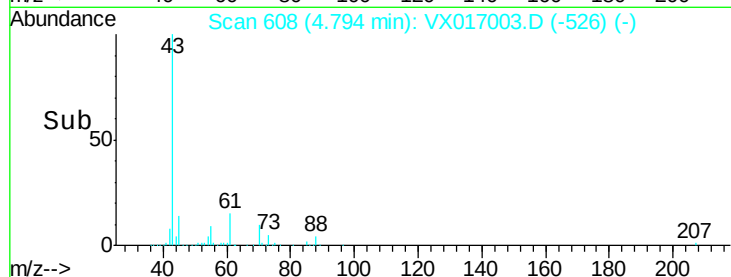
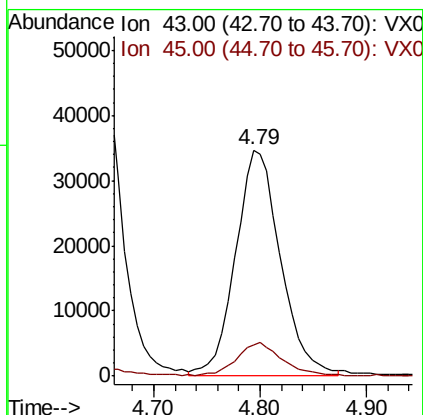
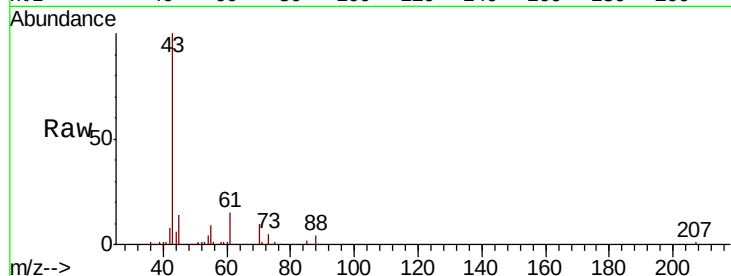




#43
Ethyl Acetate
Concen: 19.590 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX017003.D
Acq: 27 Jun 2020 00:48

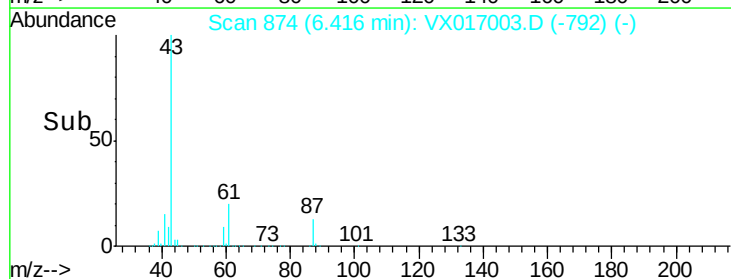
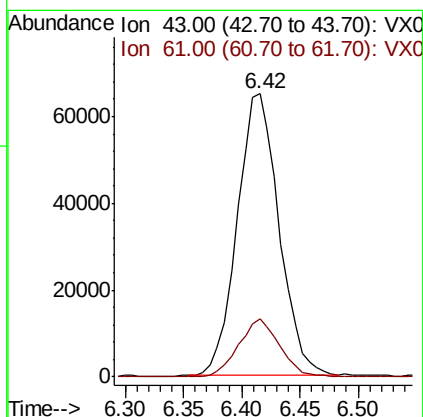
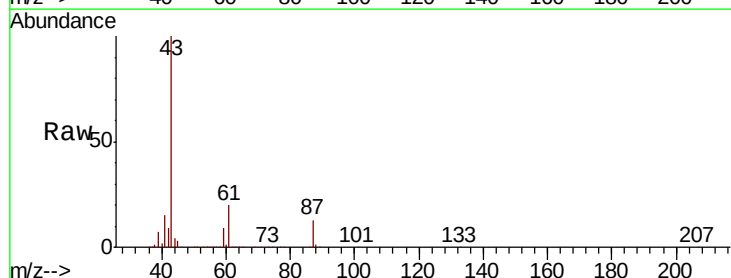
Instrument :
MSVOA_X
ClientSampleId :

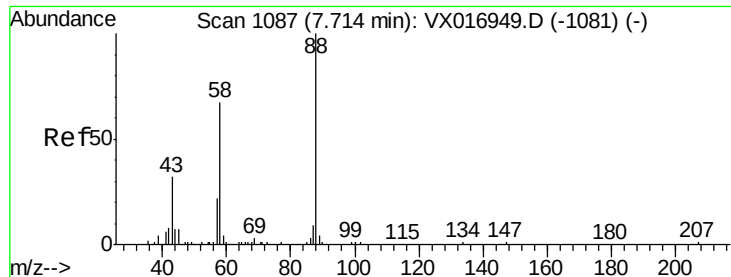
Tot Ion: 43 Resp: 101992
Ion Ratio Lower Upper
43 100
45 14.4 11.8 17.6



#44
Isopropyl Acetate
Concen: 18.906 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX017003.D
Acq: 27 Jun 2020 00:48

Tgt Ion: 43 Resp: 162249
Ion Ratio Lower Upper
43 100
61 20.3 15.4 23.2





#45

1,4-Dioxane

Concen: 334.977 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX017003.D

Acq: 27 Jun 2020 00:48

Instrument :

MSVOA_X

ClientSampleId :

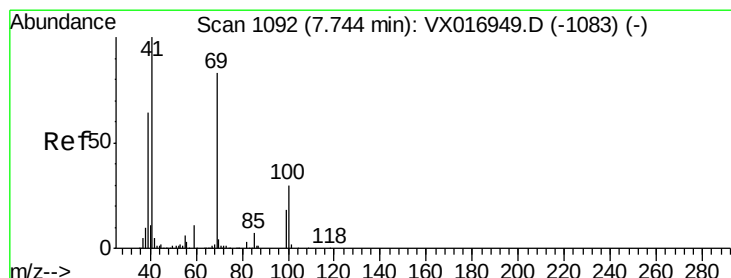
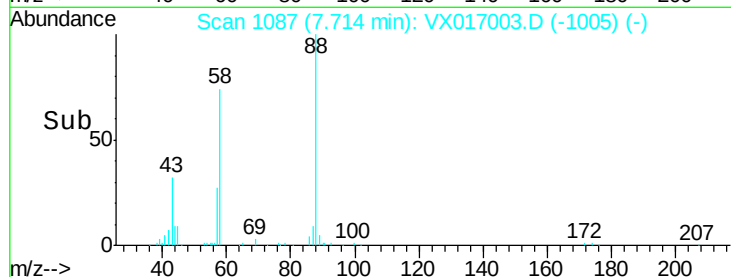
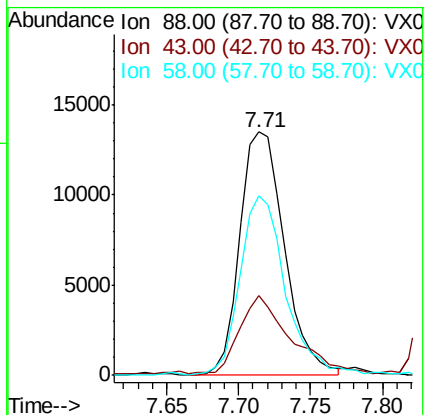
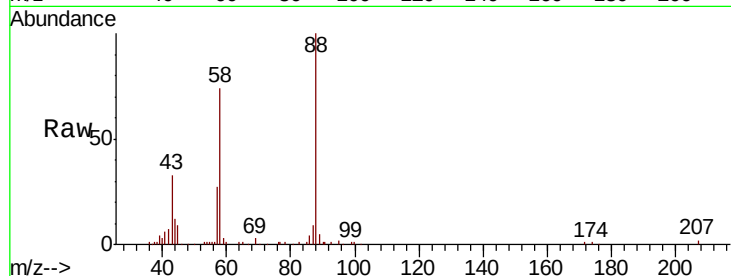
Tot Ion: 88 Resp: 29001

Ion Ratio Lower Upper

88 100

43 35.5 28.9 43.3

58 75.3 56.7 85.1



#46

Methyl methacrylate

Concen: 19.775 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX017003.D

Acq: 27 Jun 2020 00:48

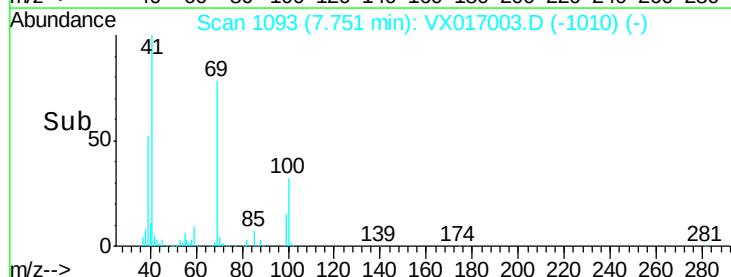
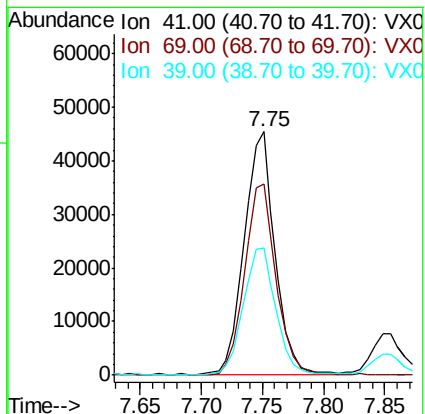
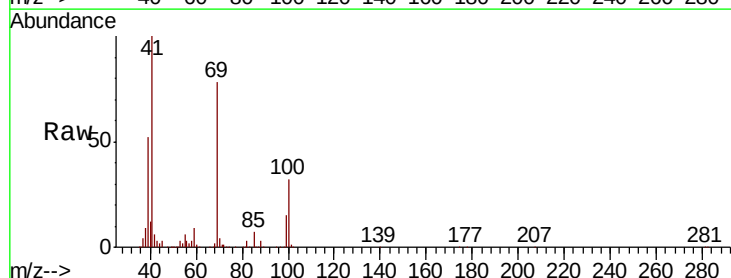
Tgt Ion: 41 Resp: 78536

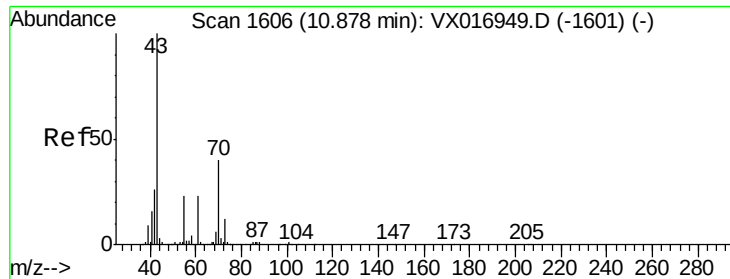
Ion Ratio Lower Upper

41 100

69 78.6 41.3 123.9

39 52.0 32.0 96.2

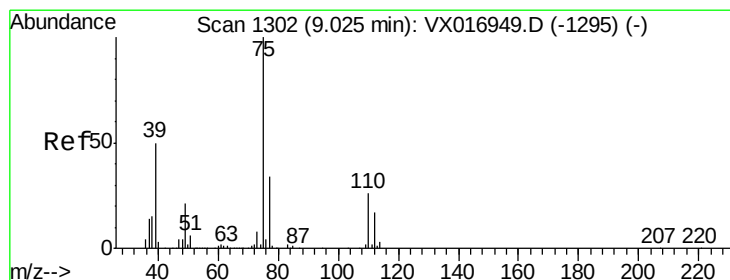
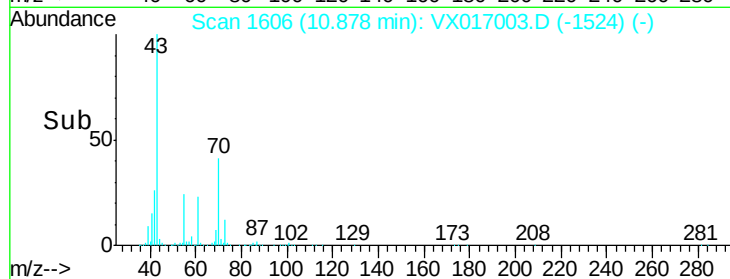
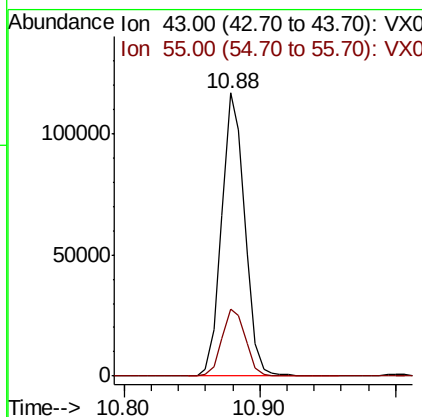
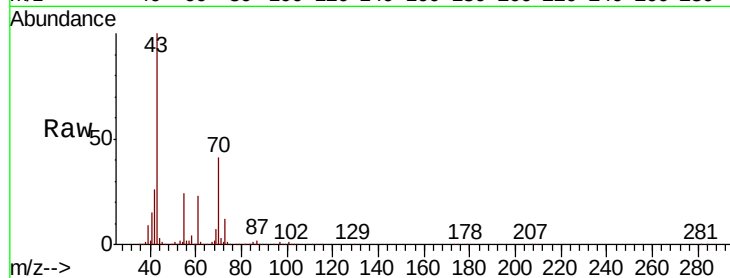




#47
 n-amvl Acetate
 Concen: 18.061 ug/l
 RT: 10.88 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: VX017003.D
 Acq: 27 Jun 2020 00:48

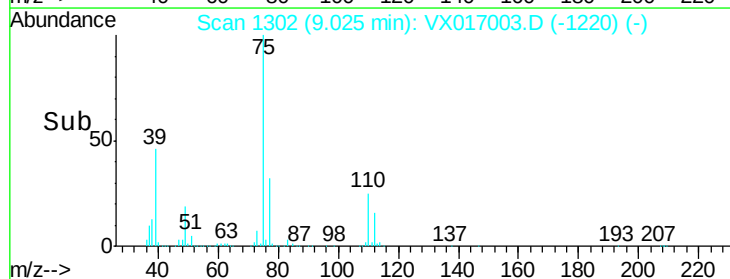
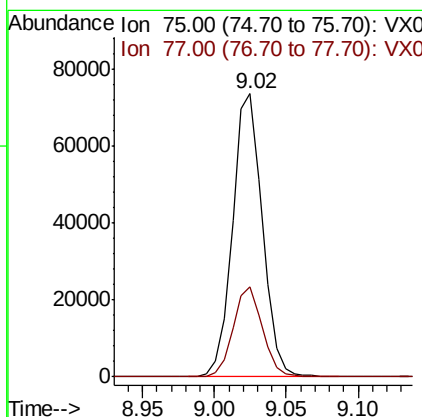
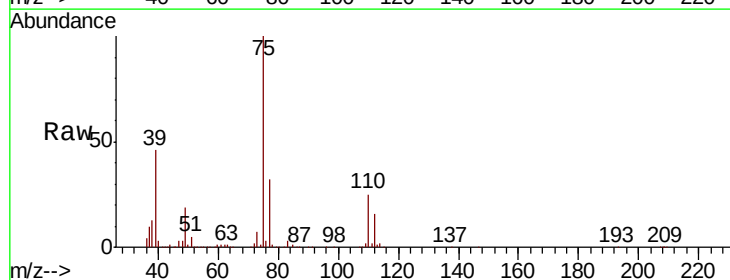
Instrument :
 MSVOA_X
 ClientSampled :

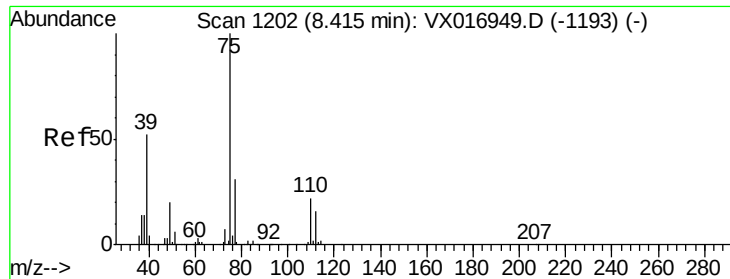
Tot Ion: 43 Resp: 136999
 Ion Ratio Lower Upper
 43 100
 55 24.3 18.6 27.8



#48
 t-1,3-Dichloropropene
 Concen: 18.442 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: VX017003.D
 Acq: 27 Jun 2020 00:48

Tgt Ion: 75 Resp: 106450
 Ion Ratio Lower Upper
 75 100
 77 31.7 27.0 40.4



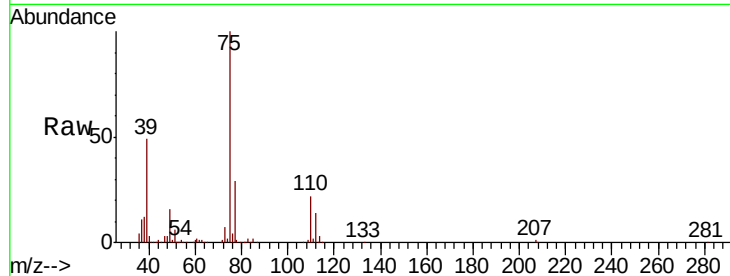


#49

cis-1,3-Dichloropropene
Concen: 18.849 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX017003.D
Acq: 27 Jun 2020 00:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.3	24.8	37.2
39	48.5	41.8	62.6

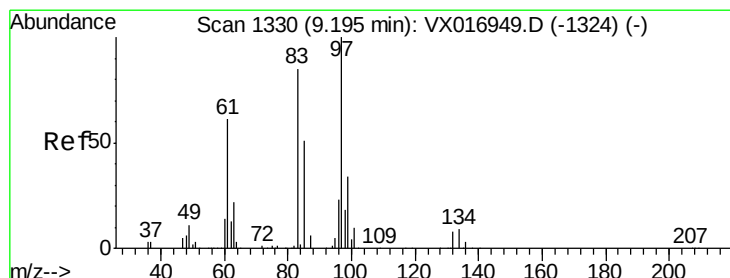
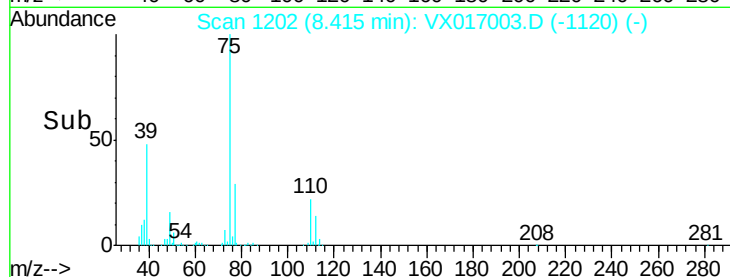
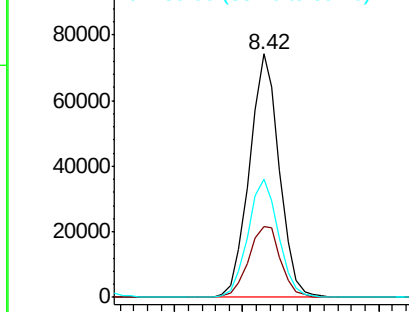


Abundance

Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

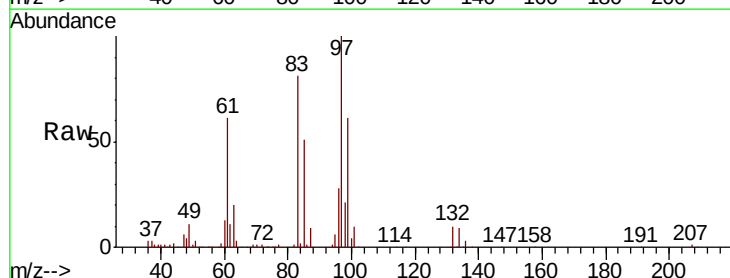
Ion 39.00 (38.70 to 39.70): VX0



#50

1,1,2-Trichloroethane
Concen: 20.349 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VX017003.D
Acq: 27 Jun 2020 00:48

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.0	67.4	101.0
85	50.9	42.9	64.3
99	61.5	47.8	71.6



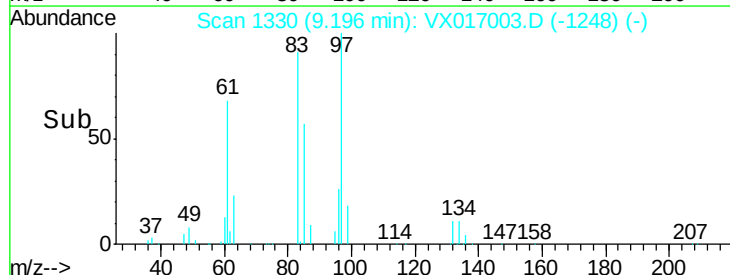
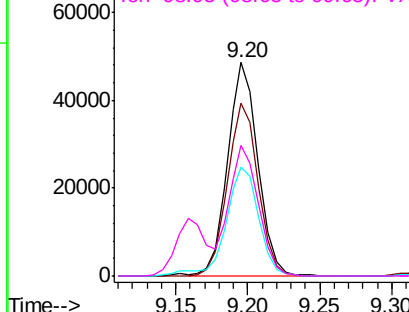
Abundance

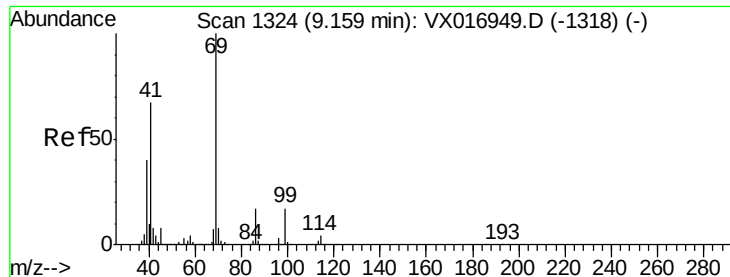
Ion 97.00 (96.70 to 97.70): VX0

Ion 82.95 (82.65 to 83.65): VX0

Ion 84.95 (84.65 to 85.65): VX0

Ion 98.95 (98.65 to 99.65): VX0





#51

Ethyl methacrylate

Concen: 18.982 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

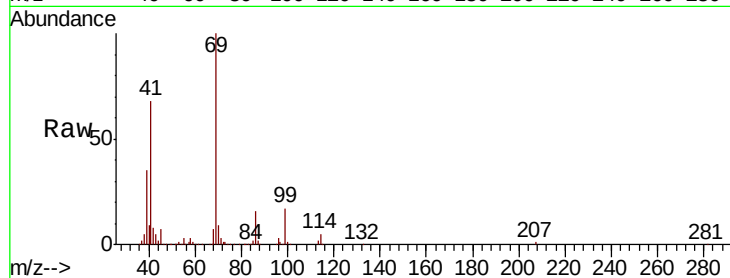
Lab File: VX017003.D

Acq: 27 Jun 2020 00:48

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 69 Resp: 102496

Ion	Ratio	Lower	Upper
69	100		
41	68.2	33.7	101.1
39	34.4	19.9	59.7

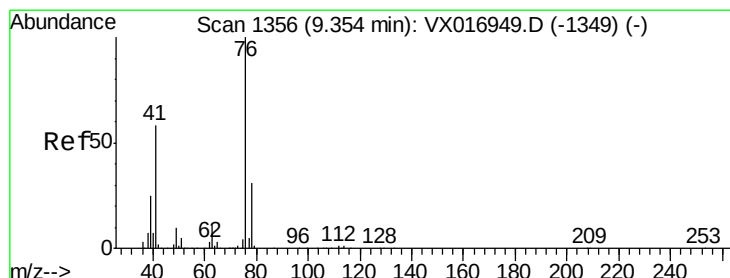
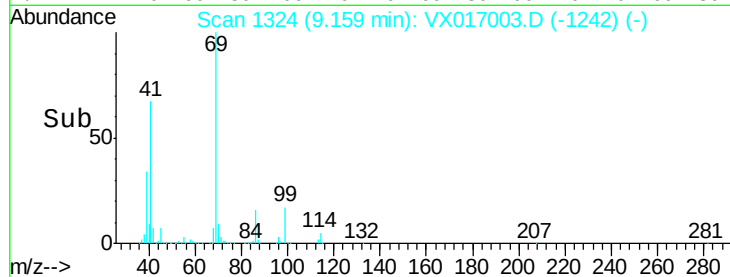


Abundance

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: 19.685 ug/l

RT: 9.35 min Scan# 1356

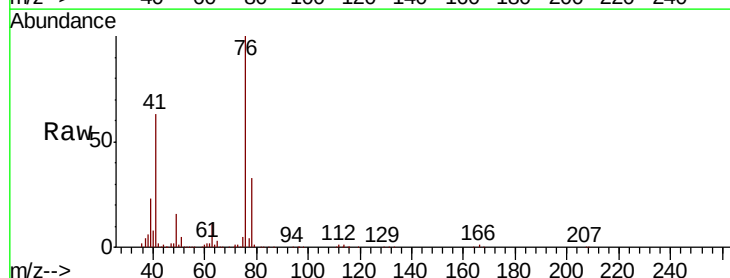
Delta R.T. 0.00 min

Lab File: VX017003.D

Acq: 27 Jun 2020 00:48

Tgt Ion: 76 Resp: 118910

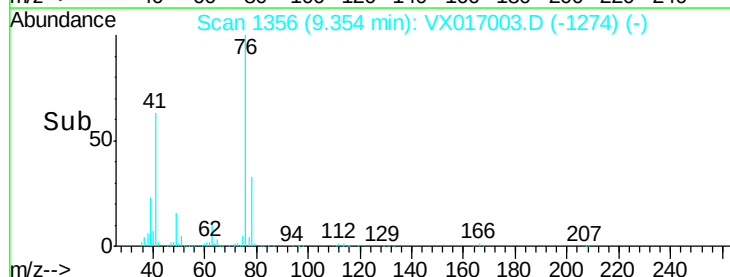
Ion	Ratio	Lower	Upper
76	100		
78	32.8	0.0	62.4

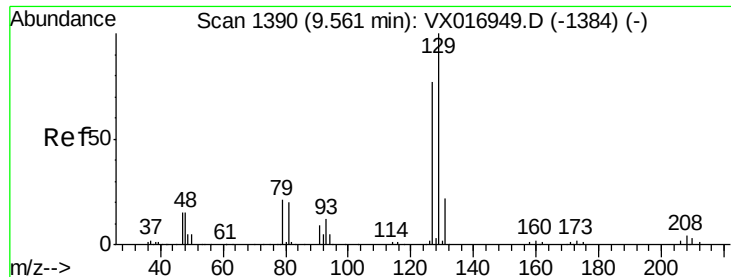


Abundance

Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

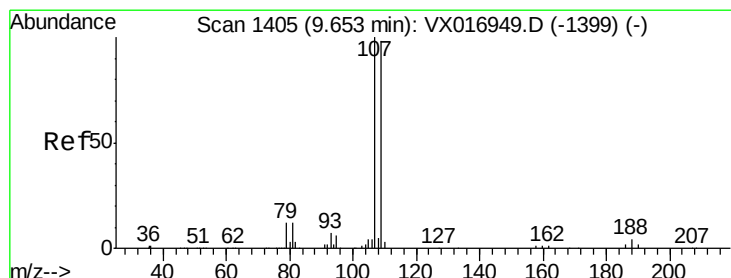
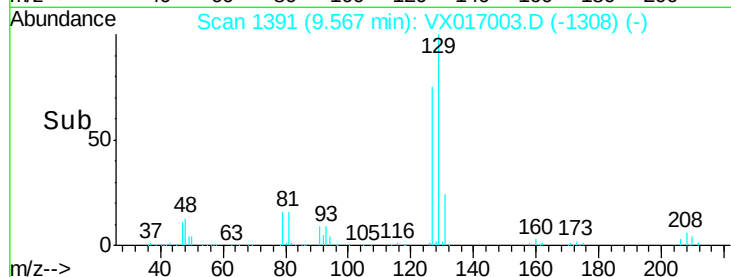
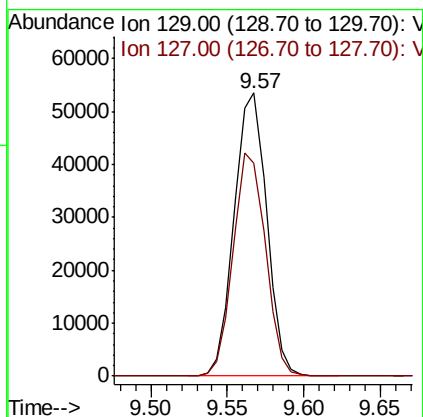
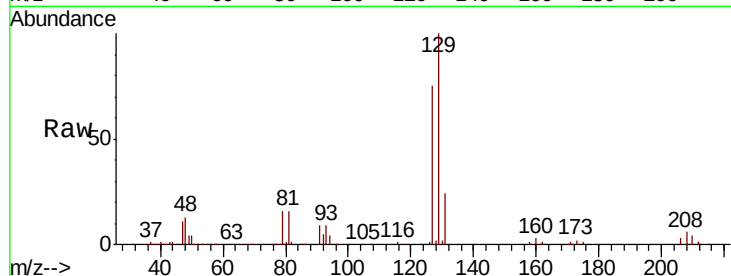




#53
 Dibromochloromethane
 Concen: 19.575 ug/l
 RT: 9.57 min Scan# 1391
 Delta R.T. 0.01 min
 Lab File: VX017003.D
 Acq: 27 Jun 2020 00:48

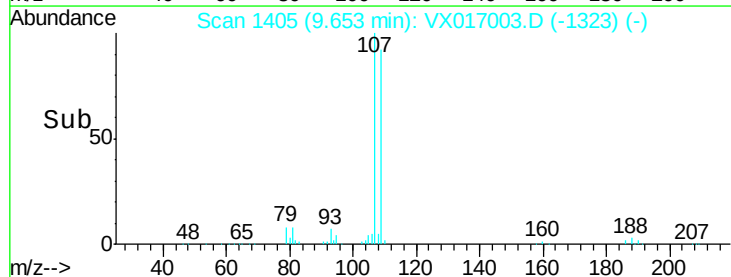
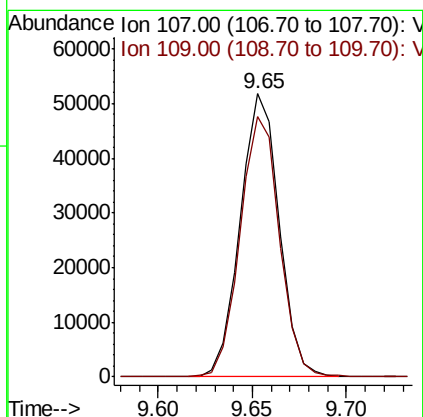
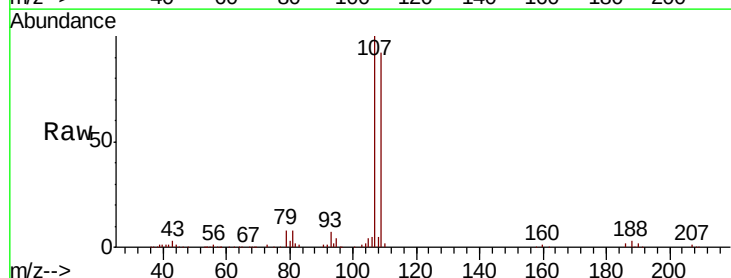
Instrument :
 MSVOA_X
 ClientSampleId :

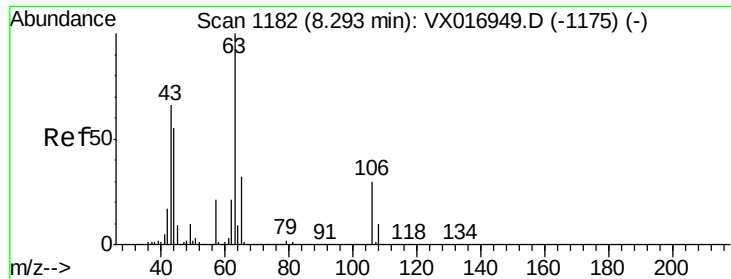
Tot Ion:129 Resp: 79162
 Ion Ratio Lower Upper
 129 100
 127 78.4 38.7 116.1



#54
 1,2-Dibromoethane
 Concen: 19.755 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX017003.D
 Acq: 27 Jun 2020 00:48

Tgt Ion:107 Resp: 73756
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.0 112.6

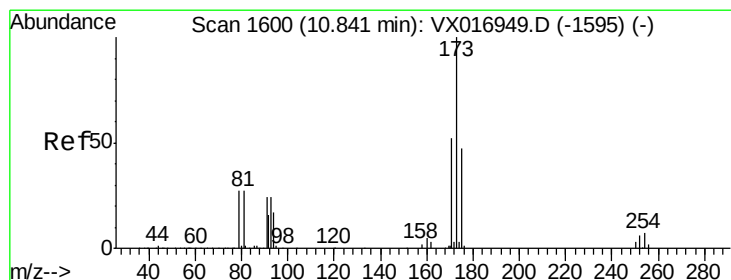
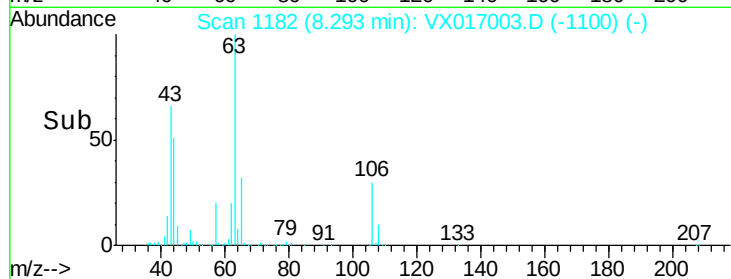
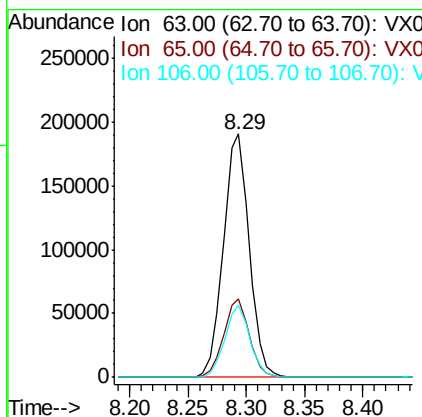
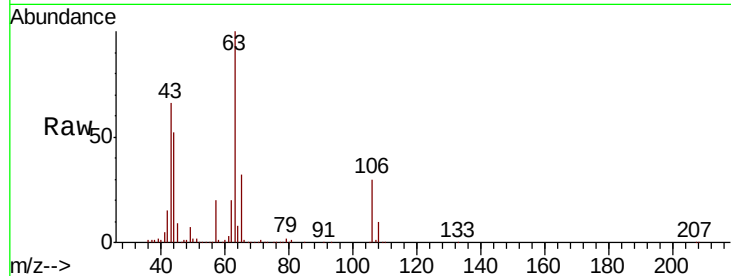




#55
2-Chloroethyl vinyl ether
Concen: 102.724 ug/l
RT: 8.29 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VX017003.D
Acq: 27 Jun 2020 00:48

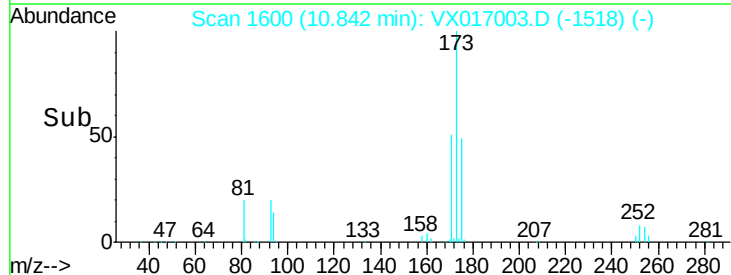
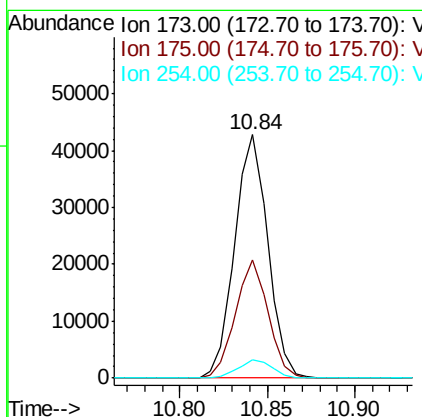
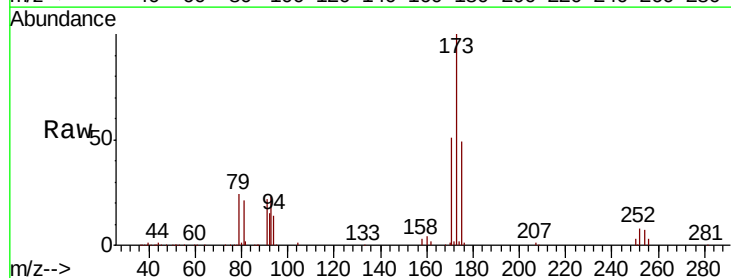
Instrument :
MSVOA_X
ClientSampleId :

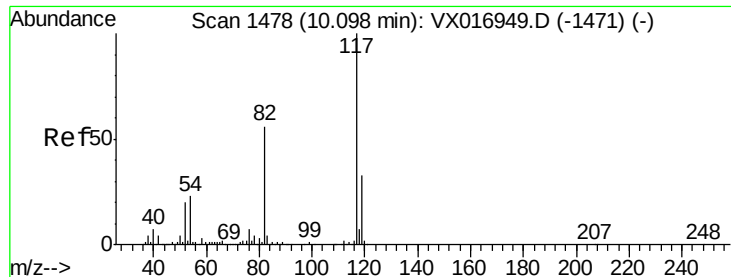
Tot Ion: 63 Resp: 291893
Ion Ratio Lower Upper
63 100
65 32.1 25.9 38.9
106 29.0 22.6 33.8



#56
Bromoform
Concen: 19.643 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX017003.D
Acq: 27 Jun 2020 00:48

Tgt Ion: 173 Resp: 56389
Ion Ratio Lower Upper
173 100
175 47.8 38.7 58.1
254 7.6 5.8 8.6

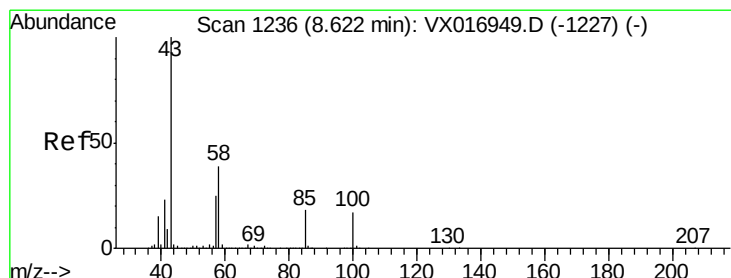
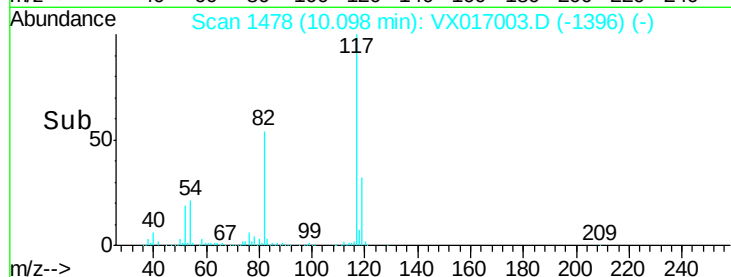
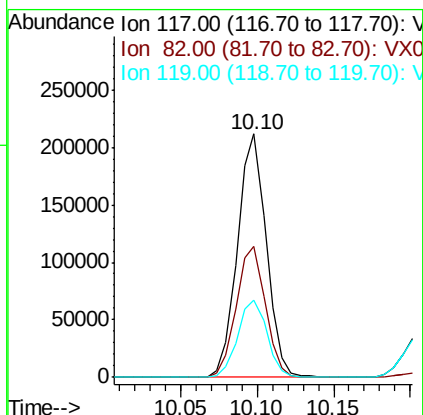
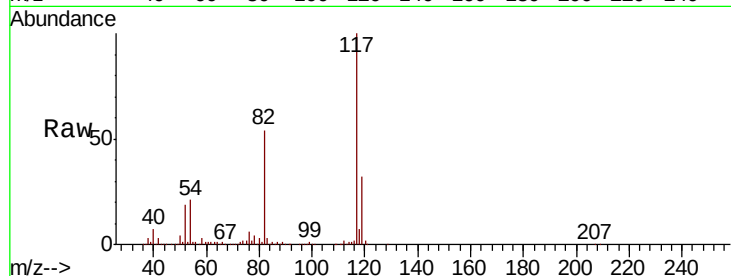




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017003.D
Acq: 27 Jun 2020 00:48

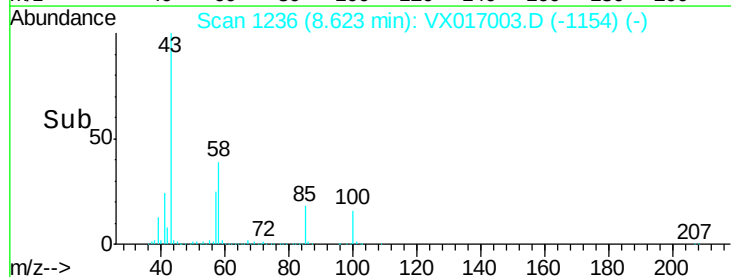
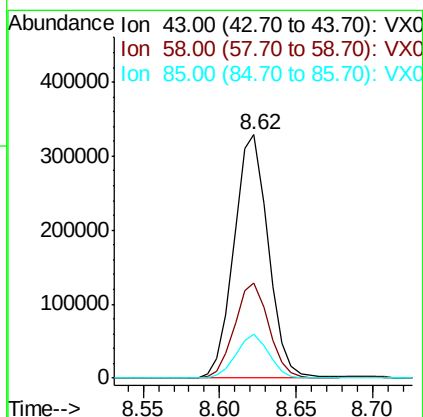
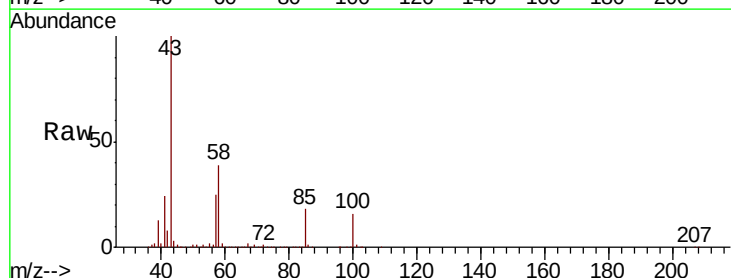
Instrument :
MSVOA_X
ClientSampleId :

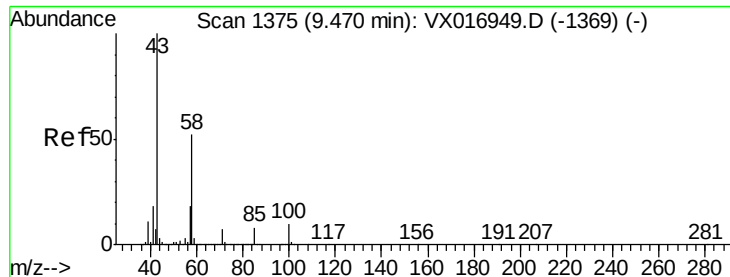
Tot Ion:117 Resp: 276508
Ion Ratio Lower Upper
117 100
82 54.8 44.9 67.3
119 32.4 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 100.284 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX017003.D
Acq: 27 Jun 2020 00:48

Tgt Ion: 43 Resp: 510782
Ion Ratio Lower Upper
43 100
58 38.9 30.4 45.6
85 17.5 13.5 20.3

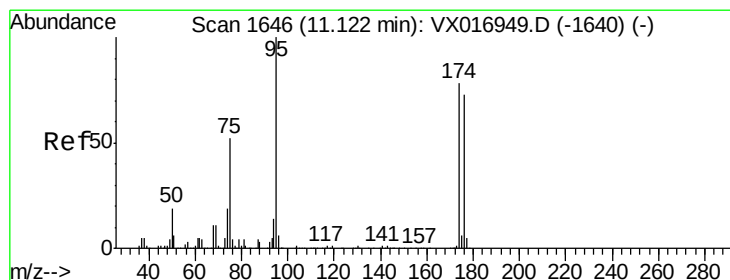
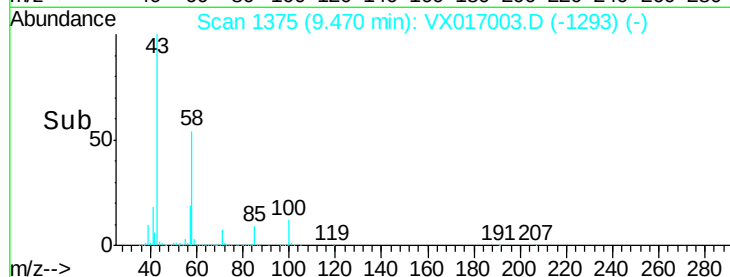
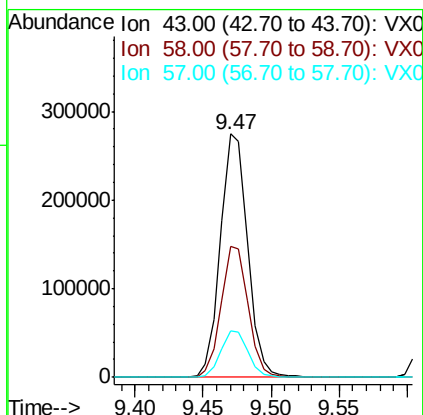
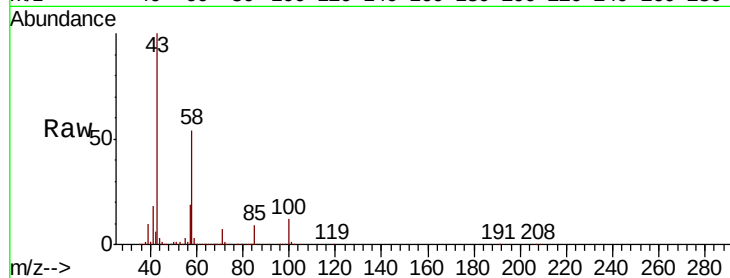




#59
2-Hexanone
Concen: 100.297 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017003.D
Acq: 27 Jun 2020 00:48

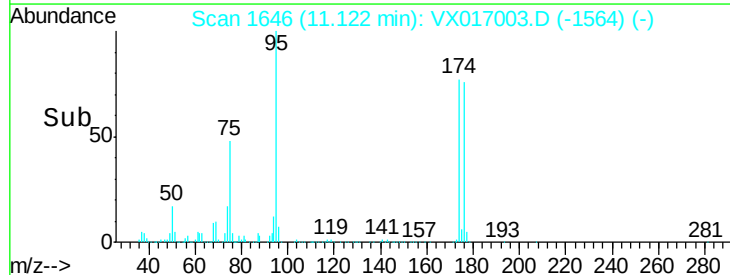
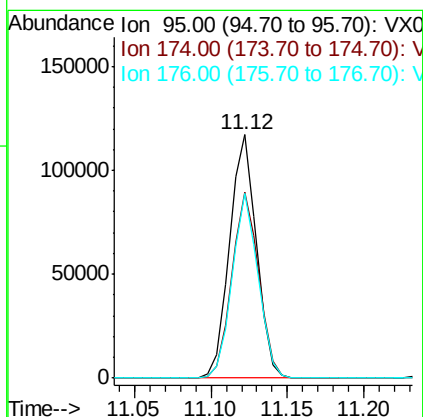
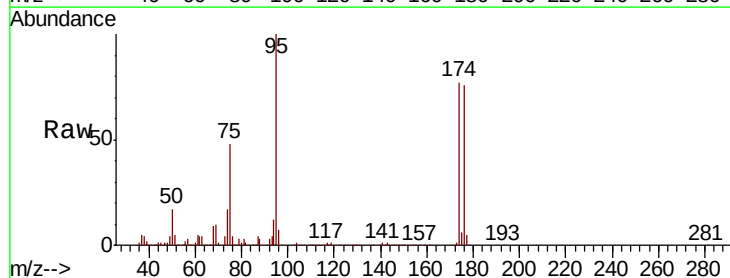
Instrument :
MSVOA_X
ClientSampleId :

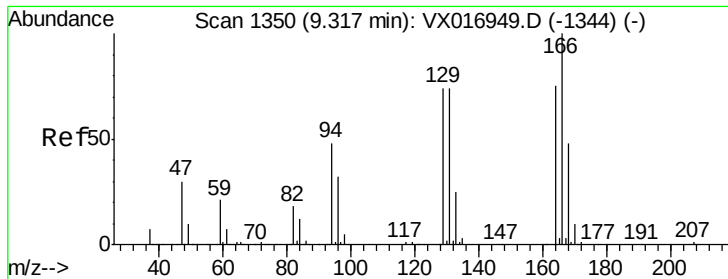
Tot Ion: 43 Resp: 381251
Ion Ratio Lower Upper
43 100
58 53.6 42.3 63.5
57 18.6 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 30.860 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX017003.D
Acq: 27 Jun 2020 00:48

Tgt Ion: 95 Resp: 142308
Ion Ratio Lower Upper
95 100
174 76.3 62.2 93.4
176 73.7 58.9 88.3





#61

Tetrachloroethene

Concen: 19.540 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX017003.D

Acq: 27 Jun 2020 00:48

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:164 Resp: 68903

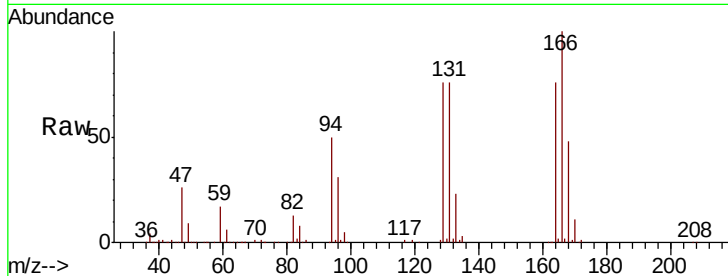
Ion Ratio Lower Upper

164 100

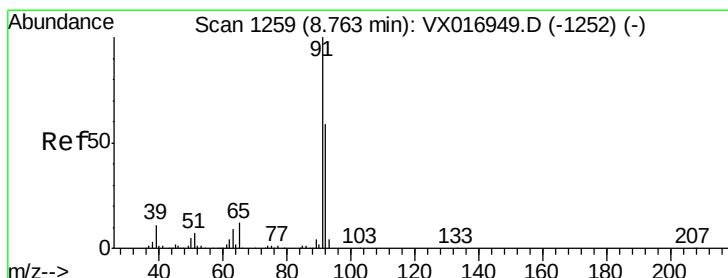
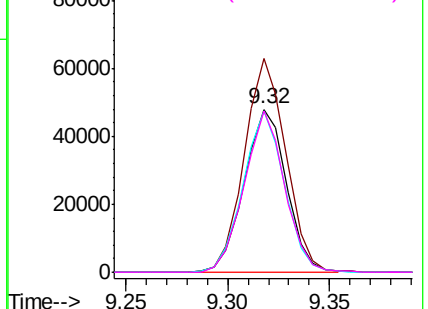
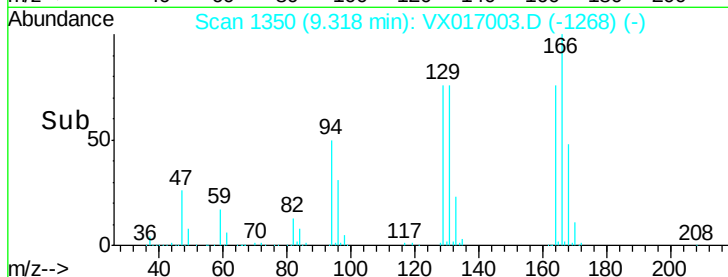
166 131.1 106.3 159.5

129 99.0 78.9 118.3

131 99.2 78.2 117.4



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.136 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX017003.D

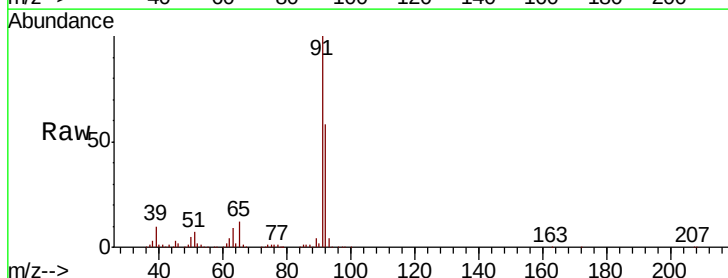
Acq: 27 Jun 2020 00:48

Tgt Ion: 91 Resp: 289407

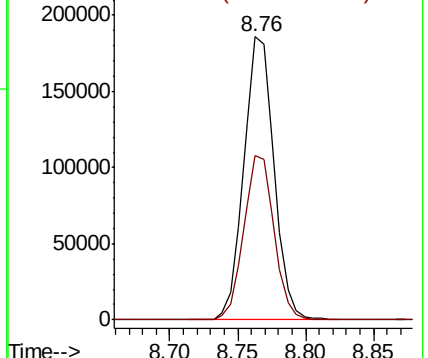
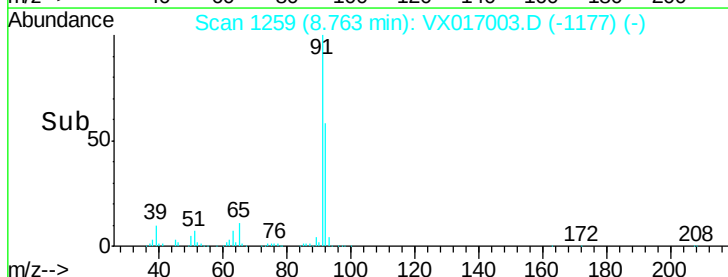
Ion Ratio Lower Upper

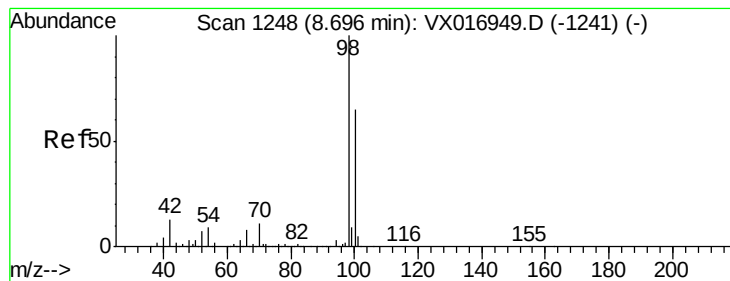
91 100

92 58.2 46.8 70.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.532 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX017003.D

Acq: 27 Jun 2020 00:48

Instrument :

MSVOA_X

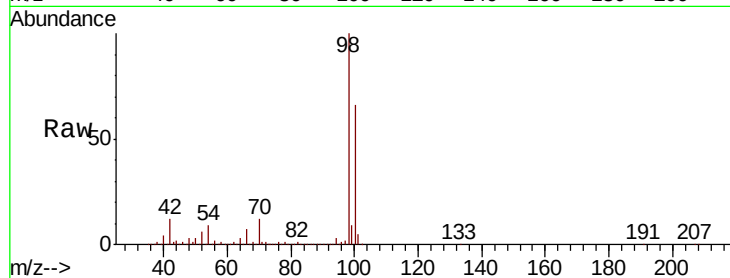
ClientSampleId :

Tot Ion: 98 Resp: 359950

Ion Ratio Lower Upper

98 100

100 66.7 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX016949.D (-1241) (-)

Ion 100.00 (99.70 to 100.70): VX017003.D (-1166) (-)

250000

200000

150000

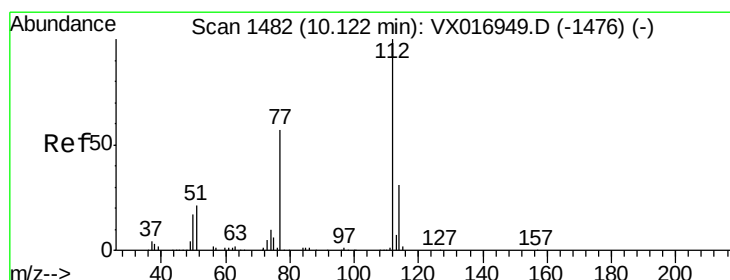
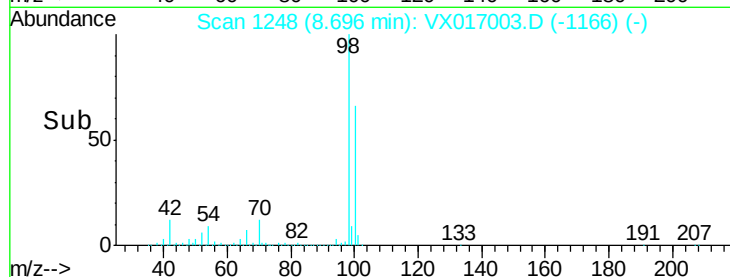
100000

50000

0

8.60 8.65 8.70 8.75

Time-->



#64

Chlorobenzene

Concen: 19.350 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX017003.D

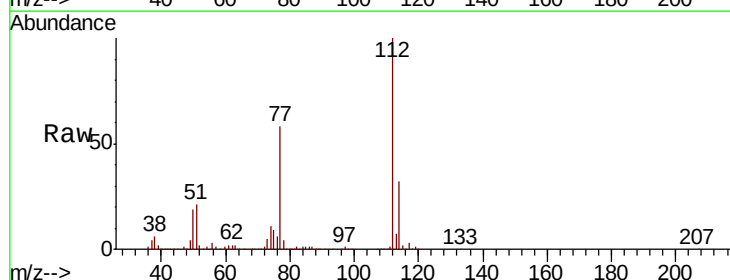
Acq: 27 Jun 2020 00:48

Tgt Ion: 112 Resp: 183335

Ion Ratio Lower Upper

112 100

114 31.7 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): VX016949.D (-1476) (-)

Ion 114.00 (113.70 to 114.70): VX017003.D (-1400) (-)

150000

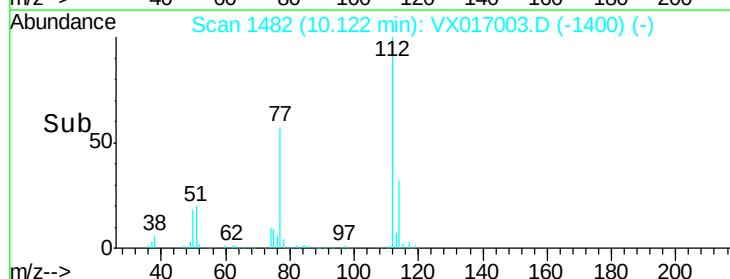
100000

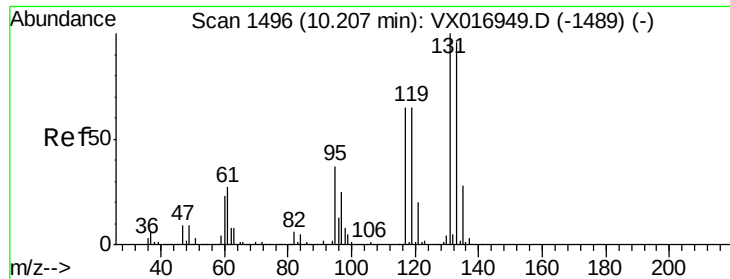
50000

0

10.10 10.12 10.20

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 19.381 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX017003.D

Acq: 27 Jun 2020 00:48

Instrument :

MSVOA_X

ClientSampleId :

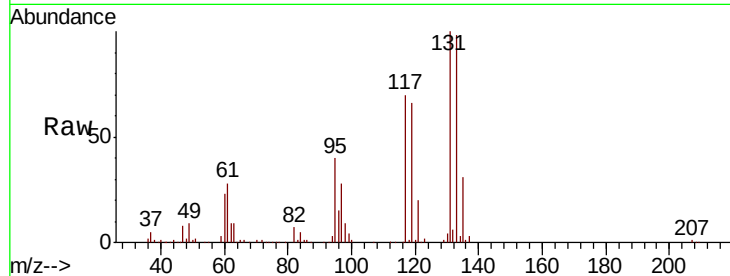
Tot Ion:131 Resp: 69132

Ion Ratio Lower Upper

131 100

133 97.0 0.0 190.2

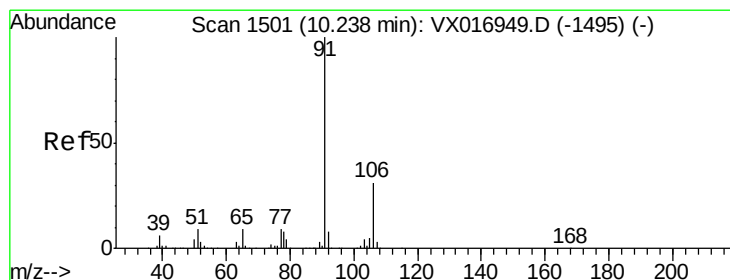
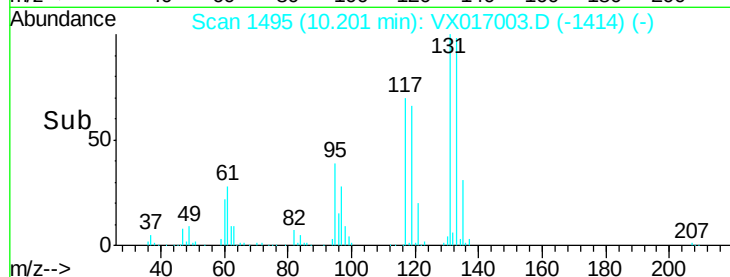
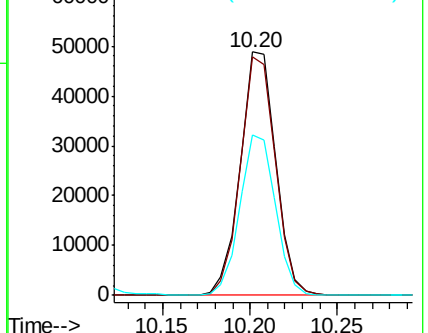
119 66.1 0.0 133.2



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.857 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX017003.D

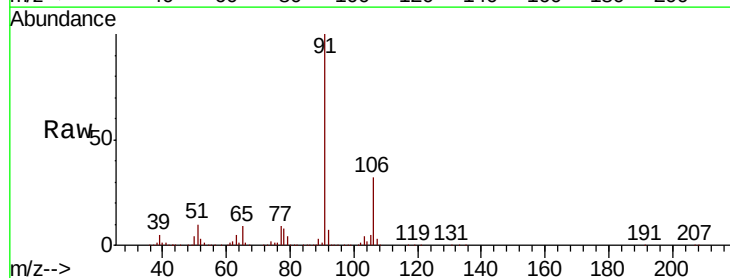
Acq: 27 Jun 2020 00:48

Tgt Ion: 91 Resp: 316255

Ion Ratio Lower Upper

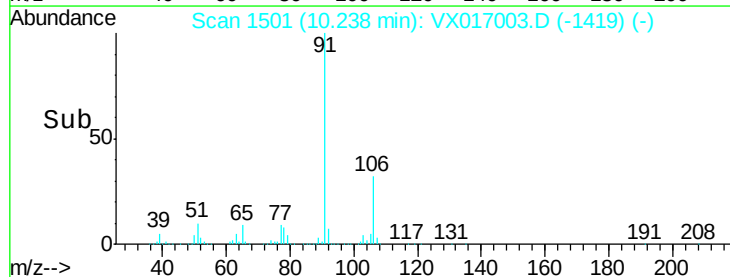
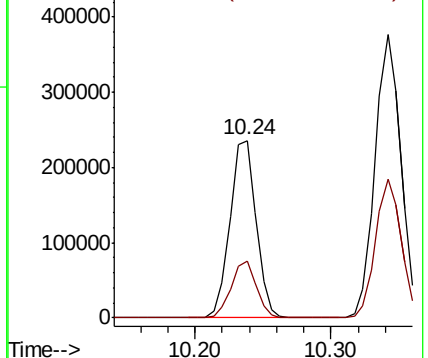
91 100

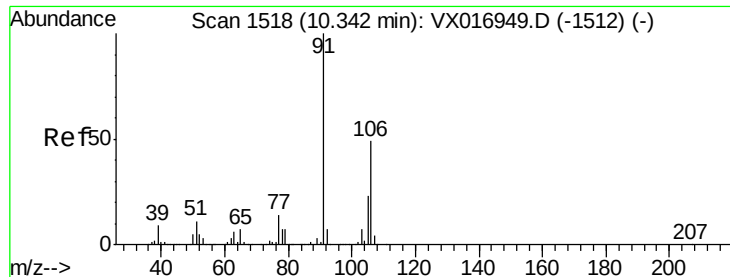
106 32.1 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

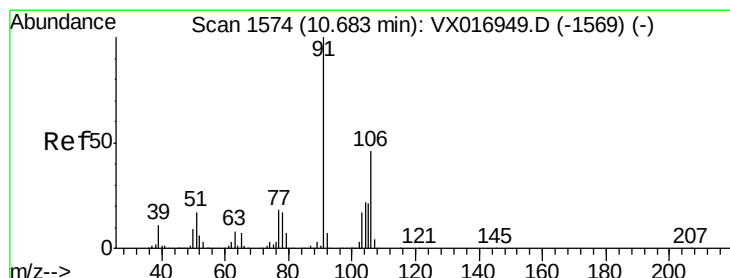
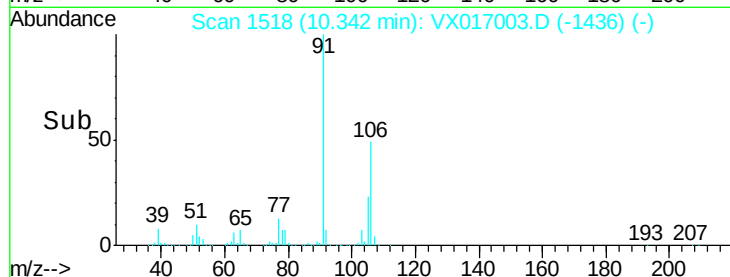
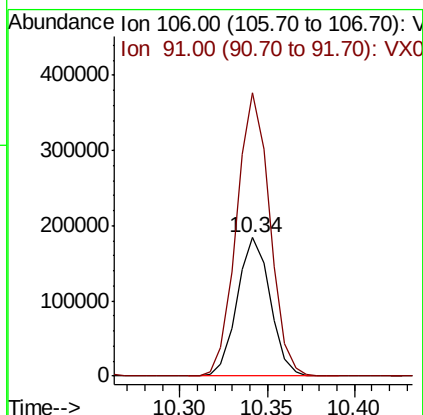
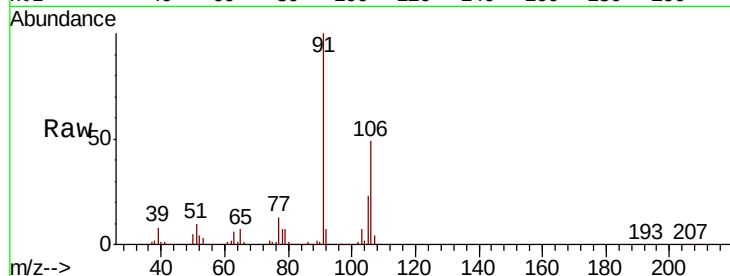




#67
m/p-Xylenes
Concen: 38.368 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017003.D
Acq: 27 Jun 2020 00:48

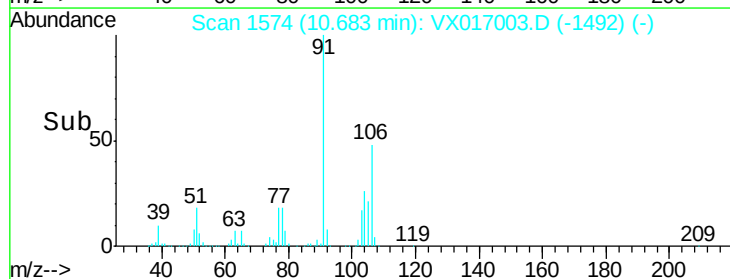
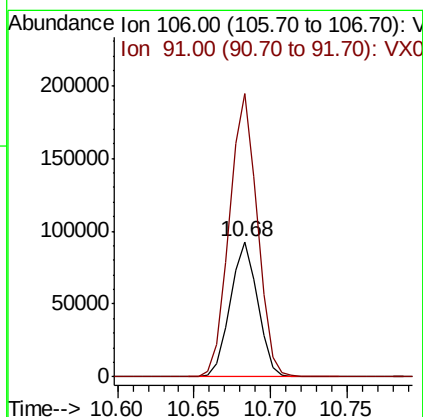
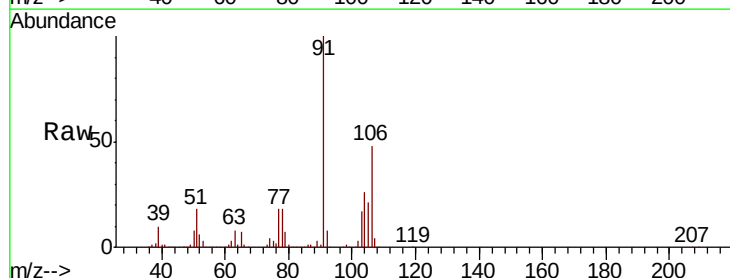
Instrument :
MSVOA_X
ClientSampleId :

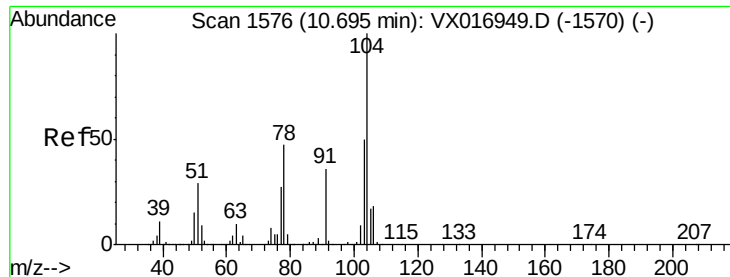
Tot Ion:106 Resp: 242745
Ion Ratio Lower Upper
106 100
91 205.4 164.5 246.7



#68
o-Xylene
Concen: 18.923 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017003.D
Acq: 27 Jun 2020 00:48

Tgt Ion:106 Resp: 115002
Ion Ratio Lower Upper
106 100
91 213.3 107.3 321.9





#69

Stvrene

Concen: 19.195 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX017003.D

Acq: 27 Jun 2020 00:48

Instrument :

MSVOA_X

ClientSampleId :

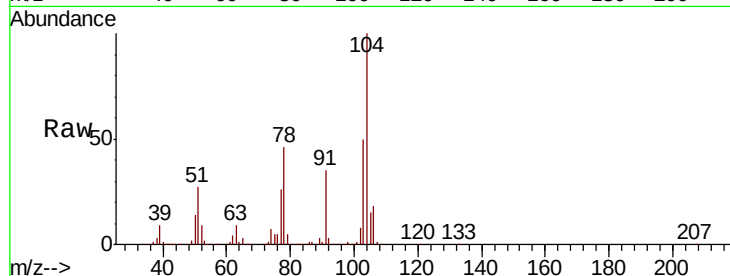
Tot Ion:104 Resp: 199737

Ion Ratio Lower Upper

104 100

78 51.3 42.6 64.0

103 54.3 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V

10.70

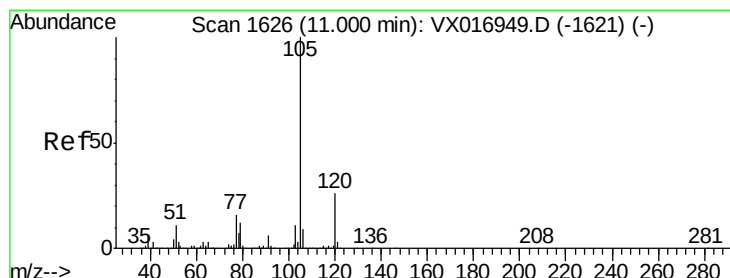
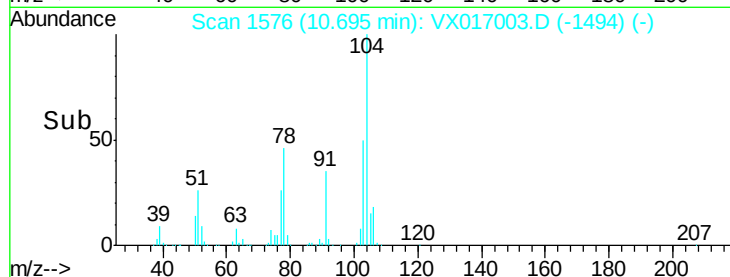
150000

100000

50000

0

Time--> 10.60 10.65 10.70 10.75



#70

Isopropylbenzene

Concen: 18.900 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017003.D

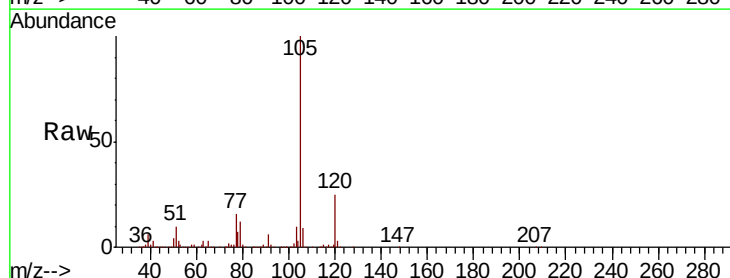
Acq: 27 Jun 2020 00:48

Tgt Ion:105 Resp: 311531

Ion Ratio Lower Upper

105 100

120 26.3 19.0 35.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

300000

250000

200000

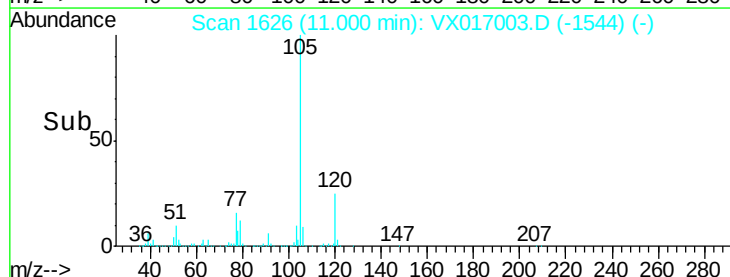
150000

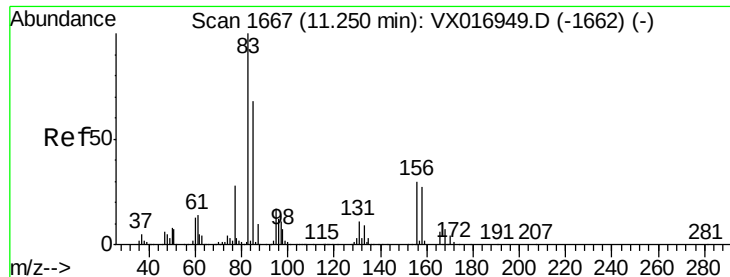
100000

50000

0

Time--> 10.95 11.00 11.05

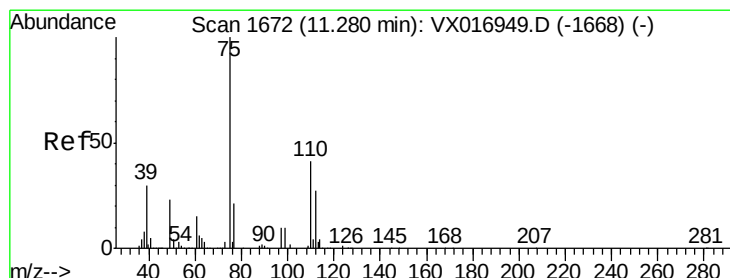
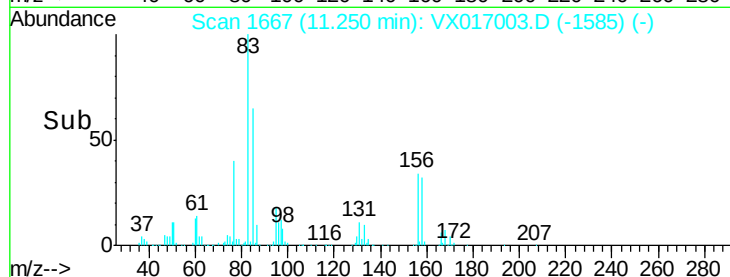
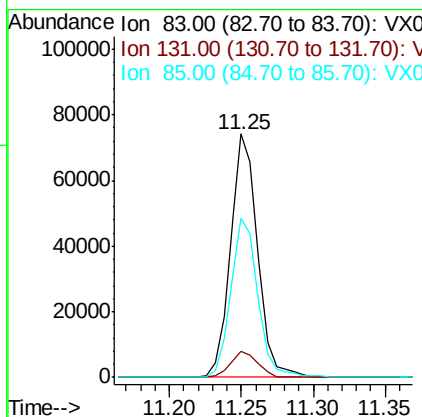
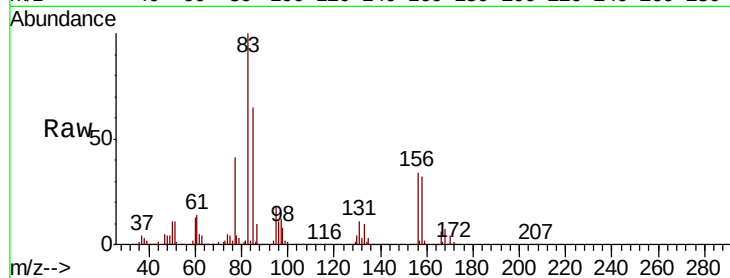




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.358 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: VX017003.D
 Acq: 27 Jun 2020 00:48

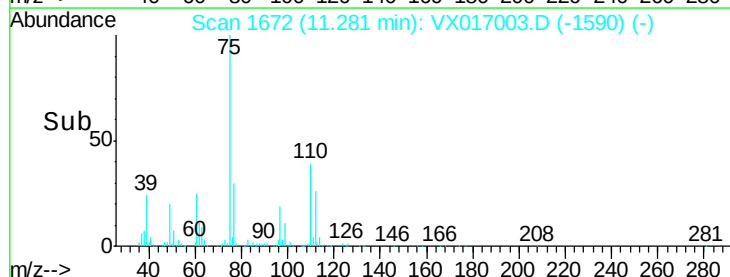
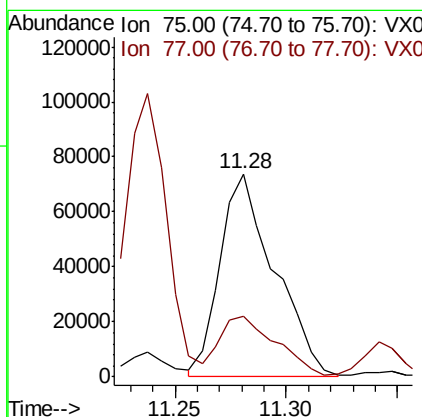
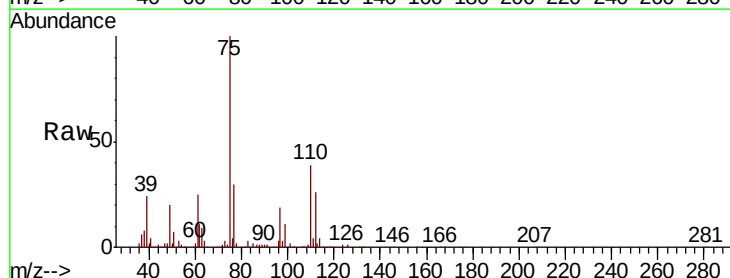
Instrument :
 MSVOA_X
 ClientSampleId :

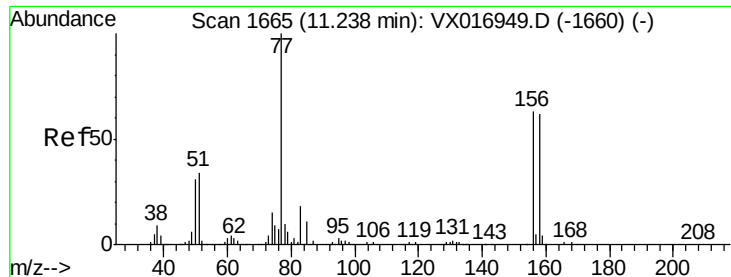
Tot Ion	83	Resp	97998
Ion Ratio	100	Lower	Upper
83	100		
131	10.8	5.2	15.6
85	65.4	33.1	99.3



#72
 1,2,3-Trichloropropane
 Concen: 25.797 ug/l
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX017003.D
 Acq: 27 Jun 2020 00:48

Tgt Ion	75	Resp	125410
Ion Ratio	100	Lower	Upper
75	100		
77	30.9	0.0	77.2





#73

Bromobenzene

Concen: 19.050 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017003.D

Acq: 27 Jun 2020 00:48

Instrument :

MSVOA_X

ClientSampleId :

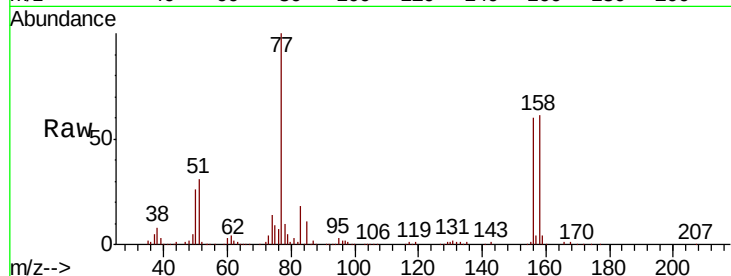
Tot Ion:156 Resp: 79249

Ion Ratio Lower Upper

156 100

77 169.4 0.0 317.2

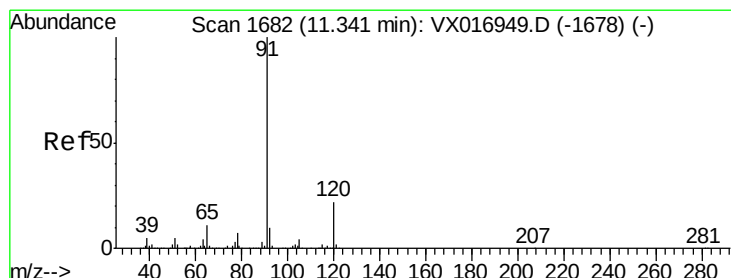
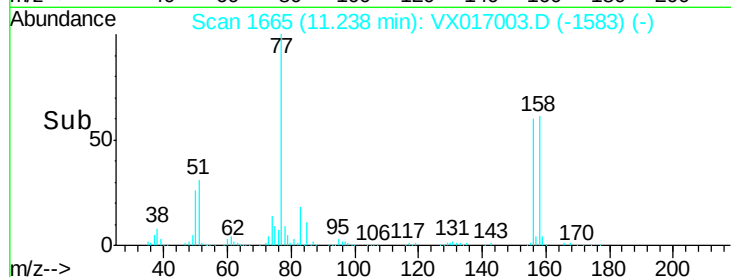
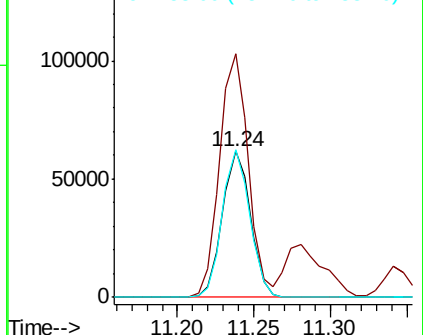
158 98.7 0.0 188.4



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: 18.574 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX017003.D

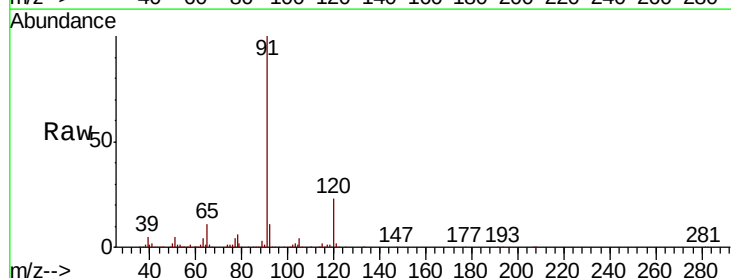
Acq: 27 Jun 2020 00:48

Tgt Ion: 91 Resp: 363518

Ion Ratio Lower Upper

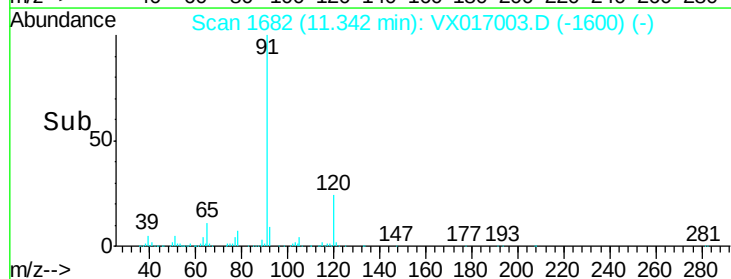
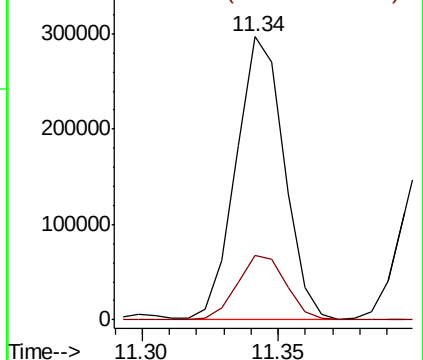
91 100

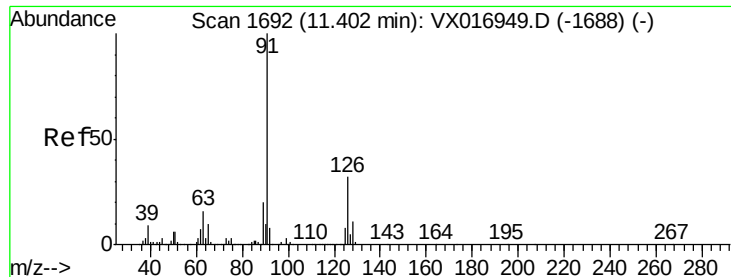
120 23.2 0.0 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

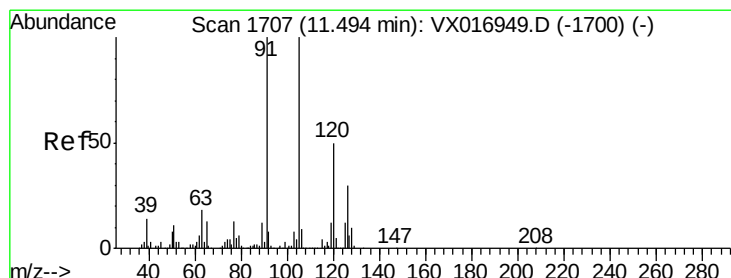
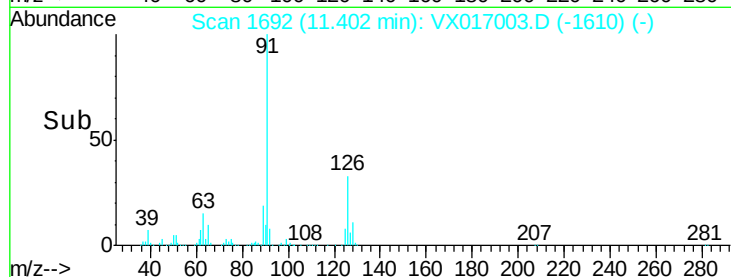
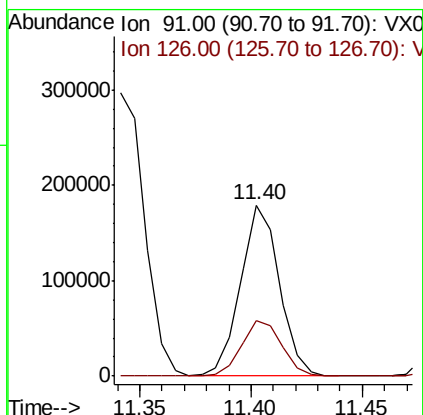
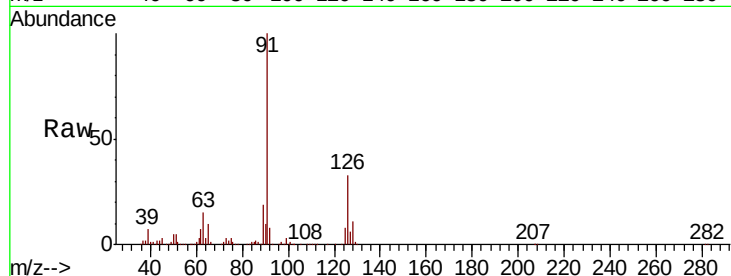




#75
2-Chlorotoluene
Concen: 19.124 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX017003.D
Acq: 27 Jun 2020 00:48

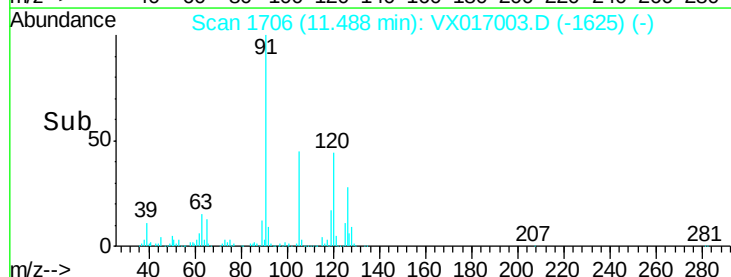
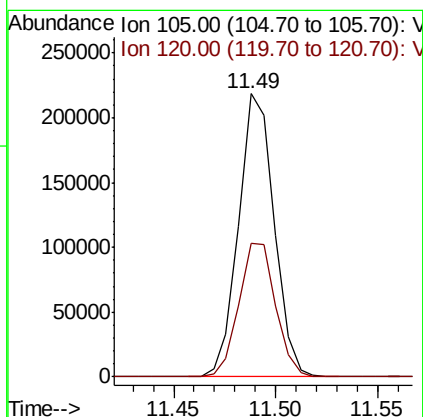
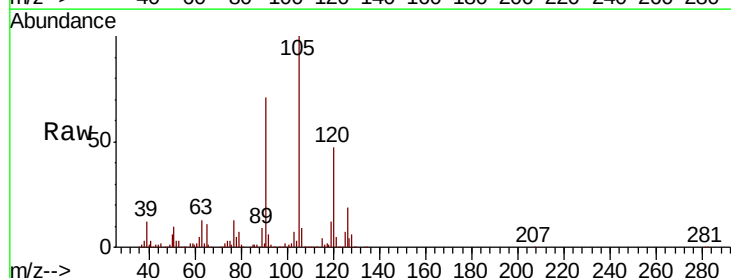
Instrument :
MSVOA_X
ClientSampleId :

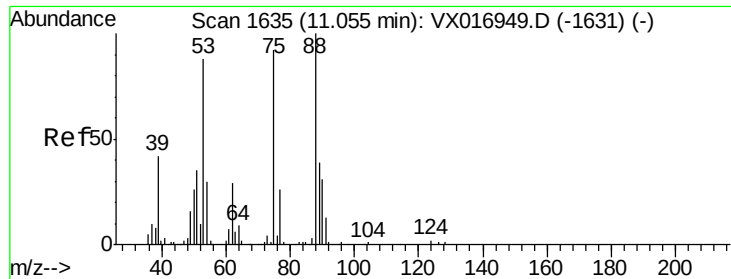
Tot Ion: 91 Resp: 218264
Ion Ratio Lower Upper
91 100
126 33.6 0.0 68.0



#76
1,3,5-Trimethylbenzene
Concen: 19.112 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX017003.D
Acq: 27 Jun 2020 00:48

Tgt Ion: 105 Resp: 264437
Ion Ratio Lower Upper
105 100
120 48.8 0.0 99.4





#77

t-1,4-Dichloro-2-butene

Concen: 17.392 ug/l

RT: 11.06 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX017003.D

Acq: 27 Jun 2020 00:48

Instrument :

MSVOA_X

ClientSampled :

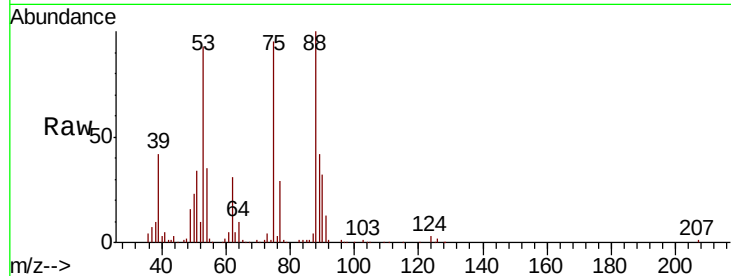
Tot Ion: 75 Resp: 34265

Ion Ratio Lower Upper

75 100

53 97.6 47.6 142.9

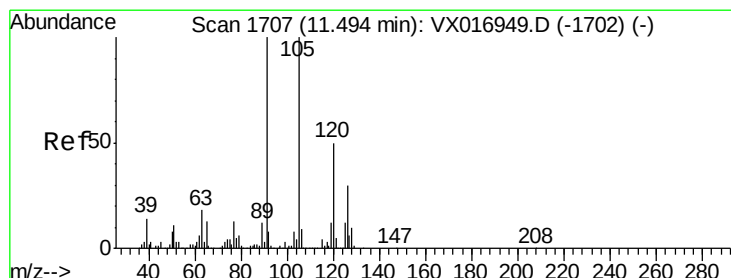
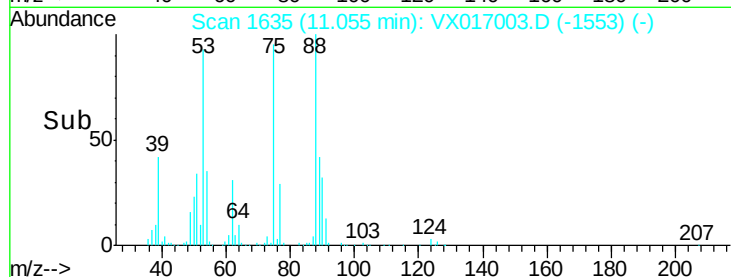
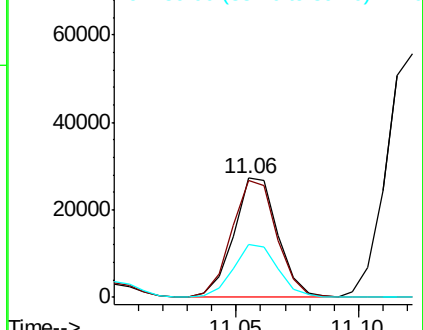
89 44.5 21.1 63.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 19.060 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017003.D

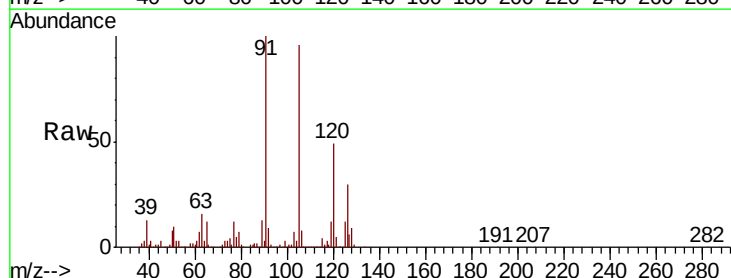
Acq: 27 Jun 2020 00:48

Tgt Ion: 91 Resp: 257562

Ion Ratio Lower Upper

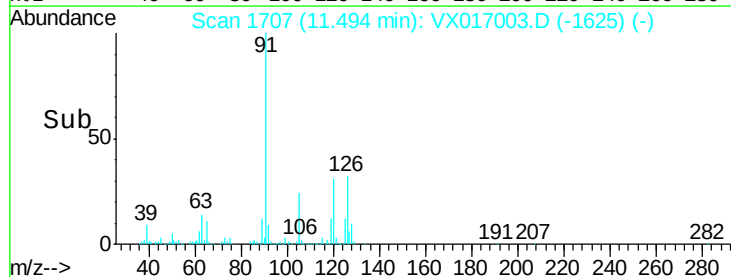
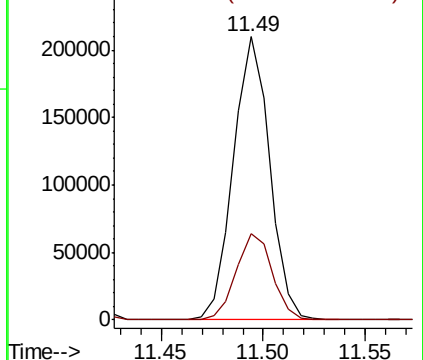
91 100

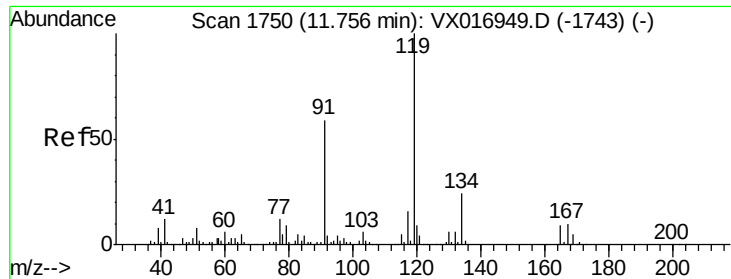
126 30.4 0.0 60.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

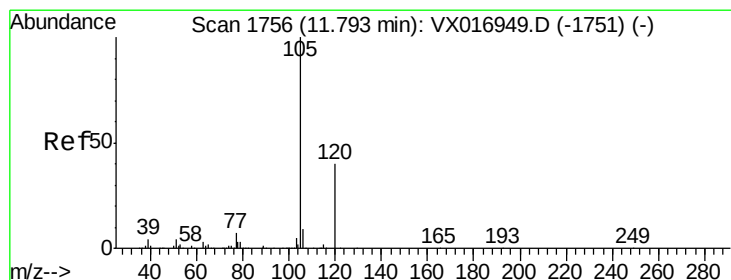
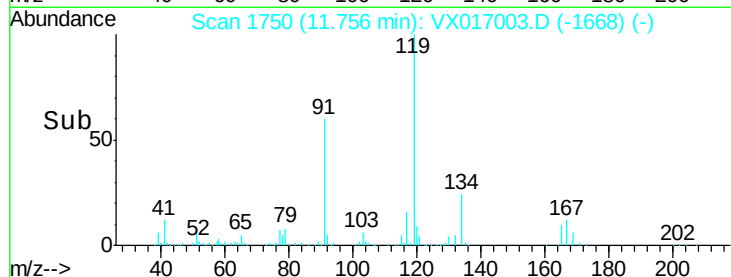
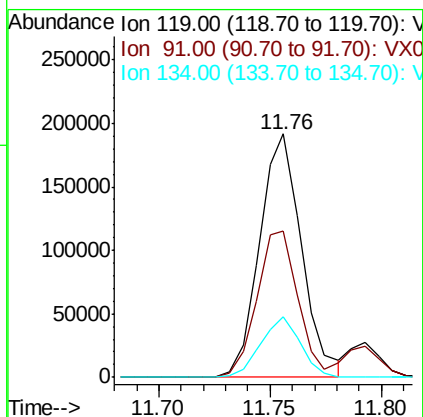
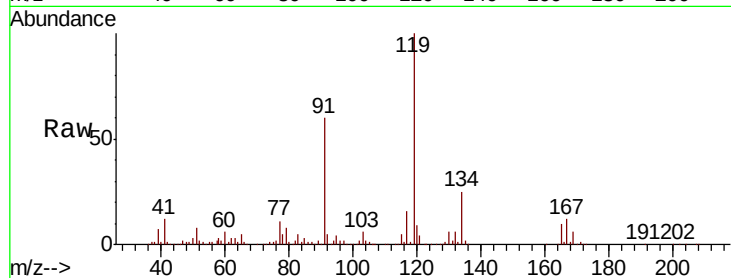




#79
tert-butylbenzene
Concen: 18.962 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX017003.D
Acq: 27 Jun 2020 00:48

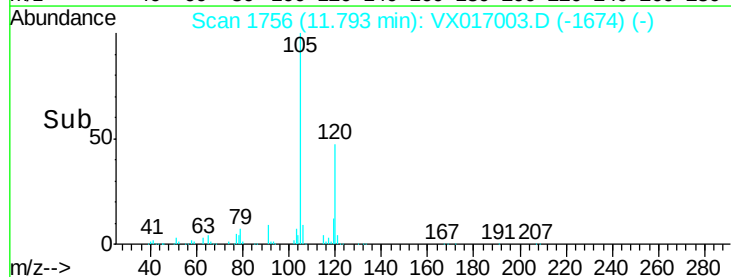
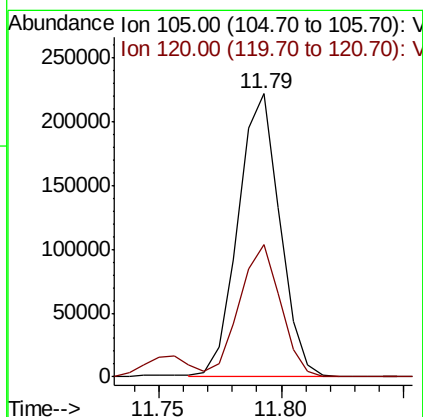
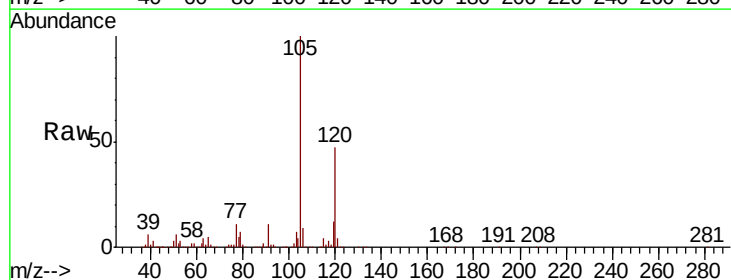
Instrument :
MSVOA_X
ClientSampleId :

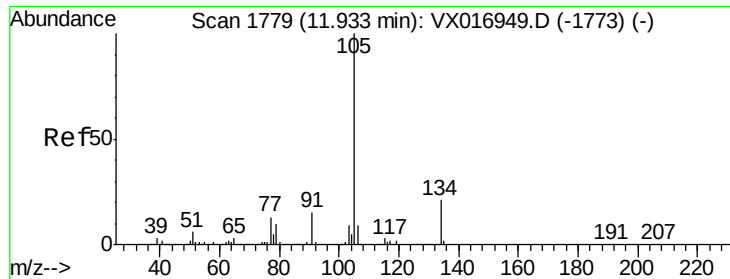
Tot Ion:119 Resp: 251330
Ion Ratio Lower Upper
119 100
91 58.7 0.0 115.2
134 23.3 0.0 45.8



#80
1,2,4-Trimethylbenzene
Concen: 18.992 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX017003.D
Acq: 27 Jun 2020 00:48

Tgt Ion:105 Resp: 263809
Ion Ratio Lower Upper
105 100
120 46.1 0.0 89.8

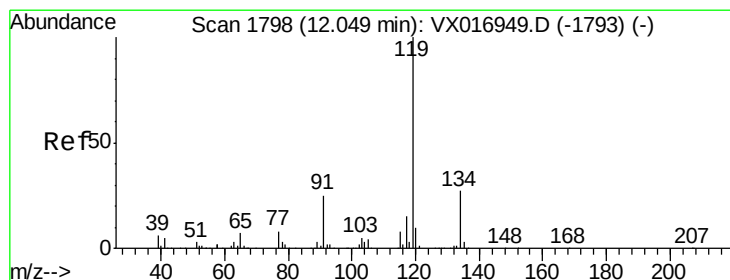
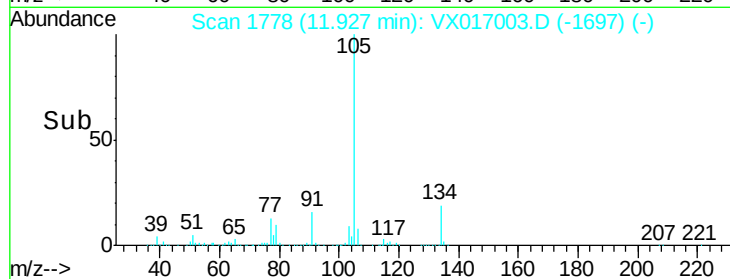
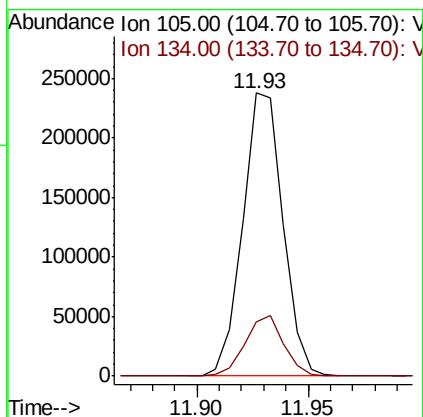
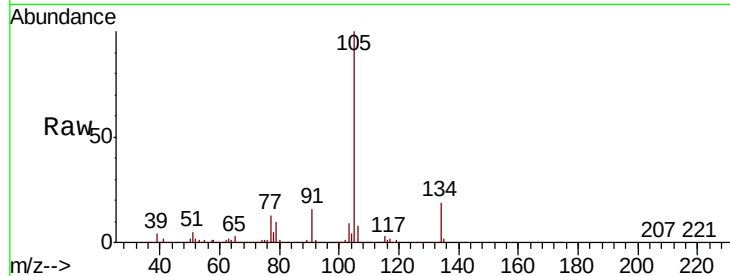




#81
 sec-Butylbenzene
 Concen: 18.714 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX017003.D
 Acq: 27 Jun 2020 00:48

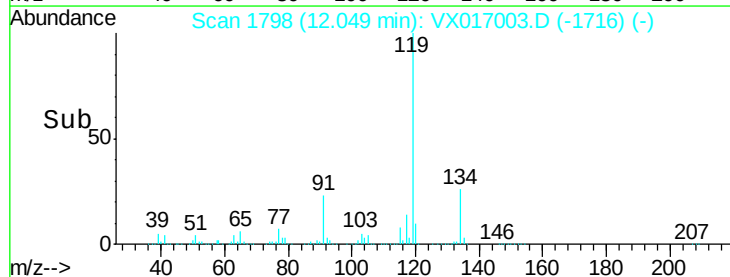
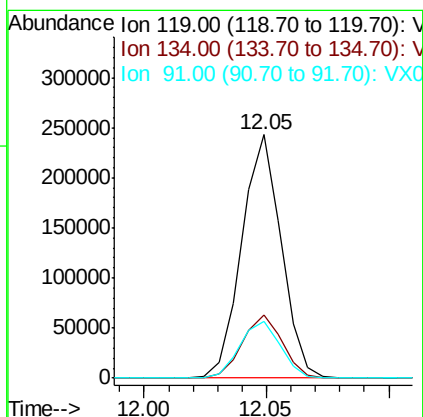
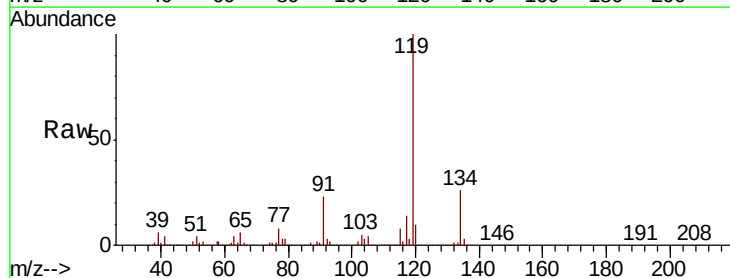
Instrument :
 MSVOA_X
 ClientSampled :

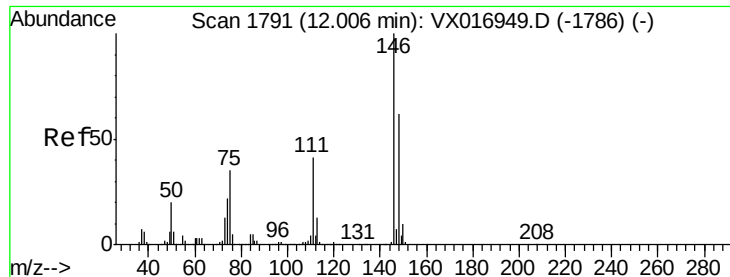
Tot Ion:105 Resp: 300314
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 18.929 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX017003.D
 Acq: 27 Jun 2020 00:48

Tgt Ion:119 Resp: 274269
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 53.0
 91 23.9 0.0 49.0





#83

1,3-Dichlorobenzene

Concen: 19.330 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX017003.D

Acq: 27 Jun 2020 00:48

Instrument :

MSVOA_X

ClientSampled :

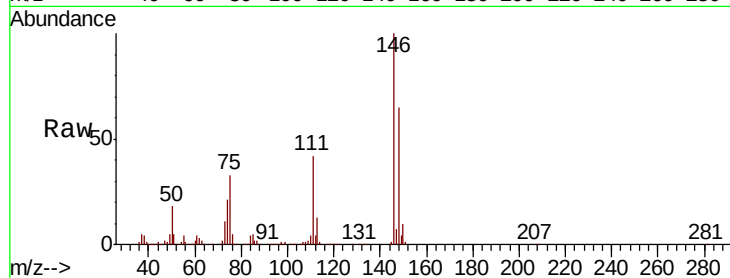
Tot Ion:146 Resp: 144102

Ion Ratio Lower Upper

146 100

111 40.2 19.5 58.5

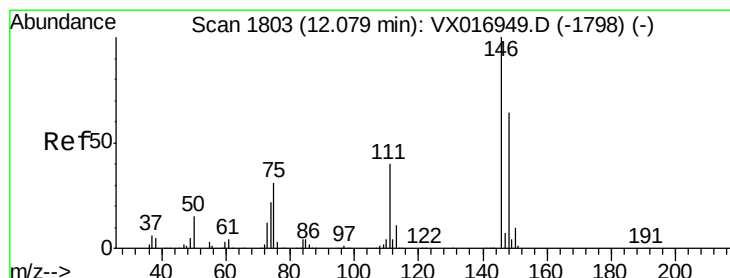
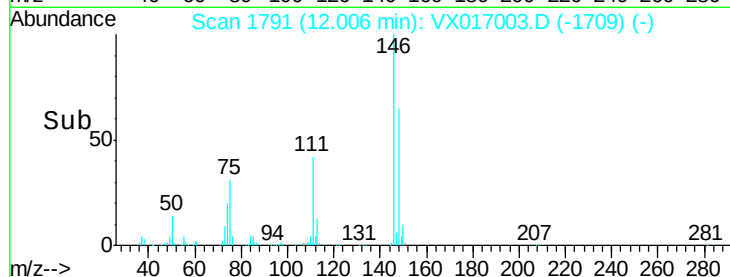
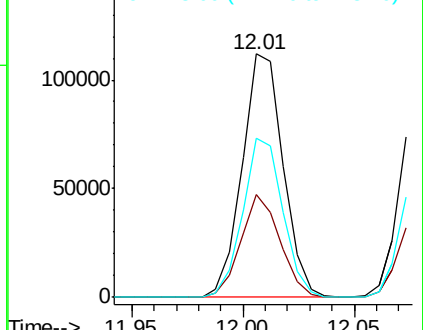
148 64.0 31.8 95.4



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: 19.363 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX017003.D

Acq: 27 Jun 2020 00:48

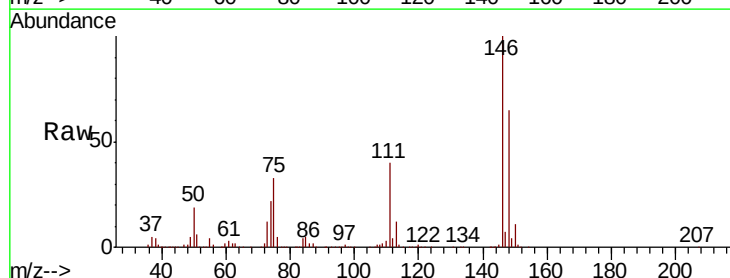
Tgt Ion:146 Resp: 145040

Ion Ratio Lower Upper

146 100

111 39.3 19.4 58.2

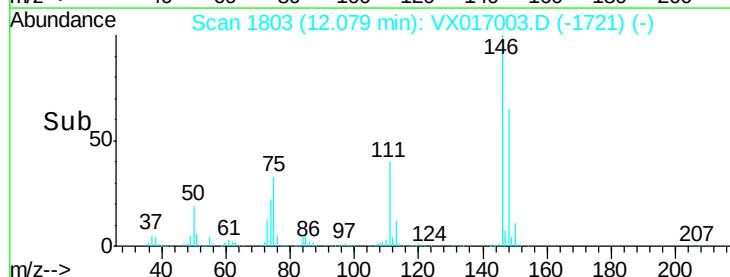
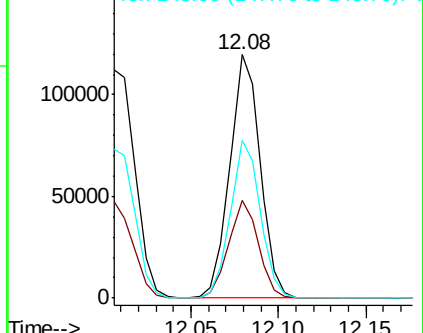
148 63.4 32.1 96.3

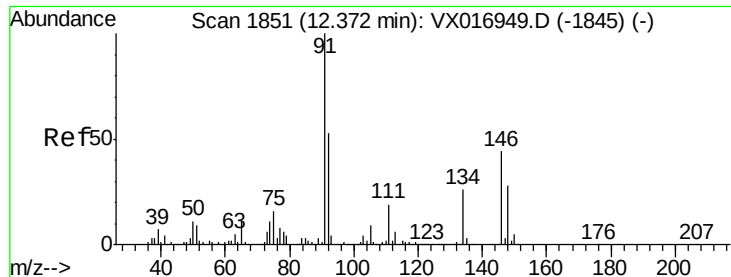


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#85

n-Butylbenzene

Concen: 17.466 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX017003.D

Acq: 27 Jun 2020 00:48

Instrument :

MSVOA_X

ClientSampled :

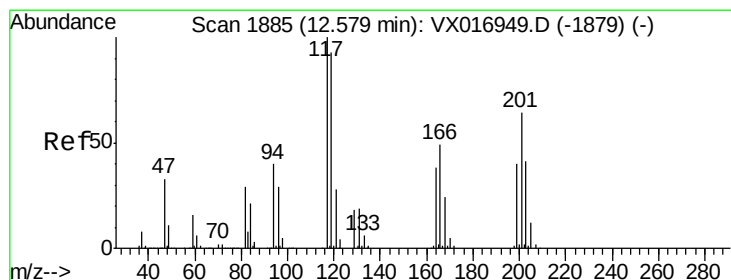
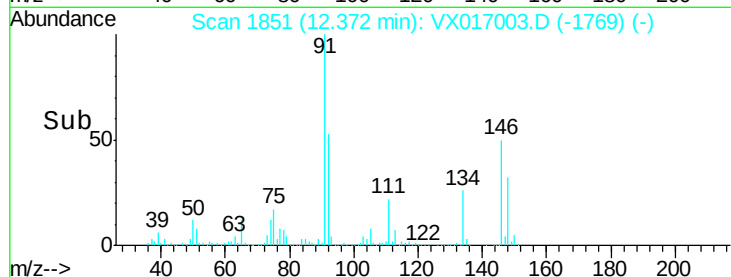
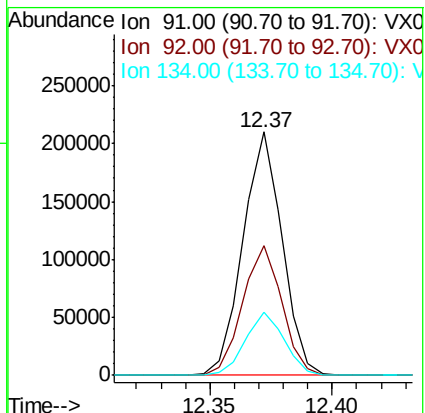
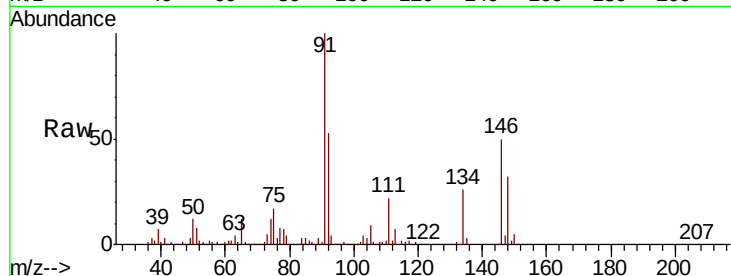
Tot Ion: 91 Resp: 234250

Ion Ratio Lower Upper

91 100

92 53.5 0.0 105.8

134 25.6 0.0 52.2



#86

Hexachloroethane

Concen: 18.977 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX017003.D

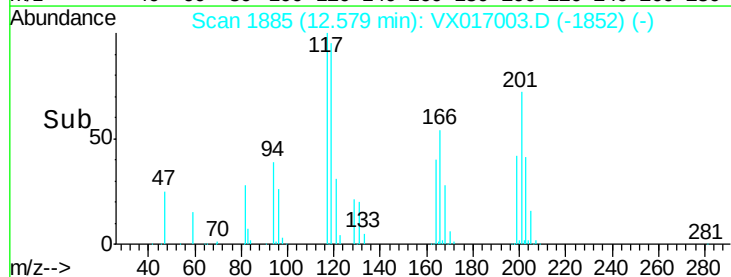
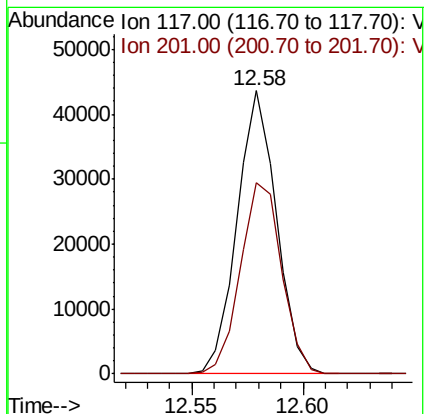
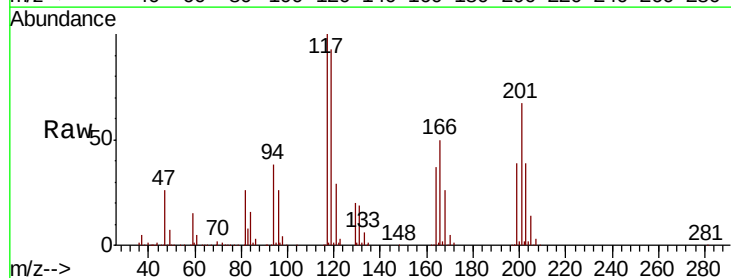
Acq: 27 Jun 2020 00:48

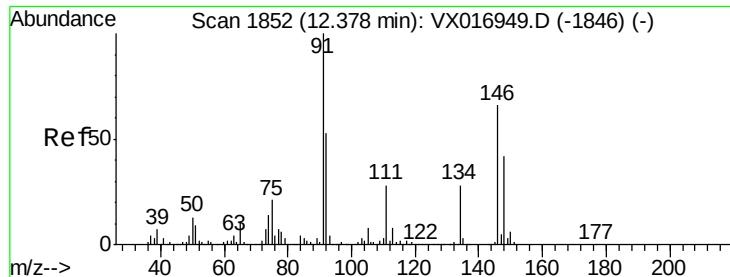
Tgt Ion: 117 Resp: 53812

Ion Ratio Lower Upper

117 100

201 71.1 34.6 103.9

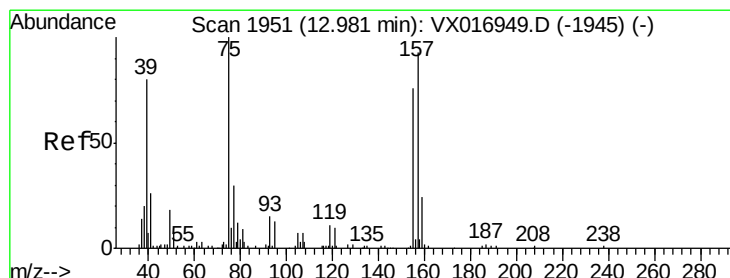
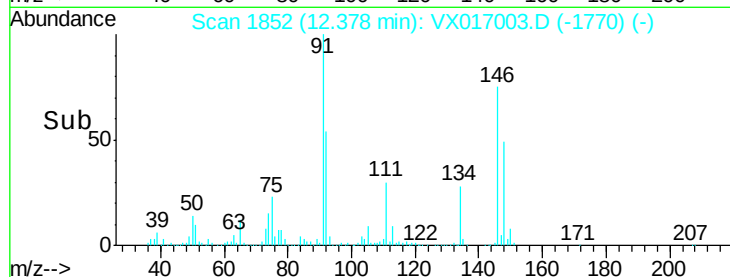
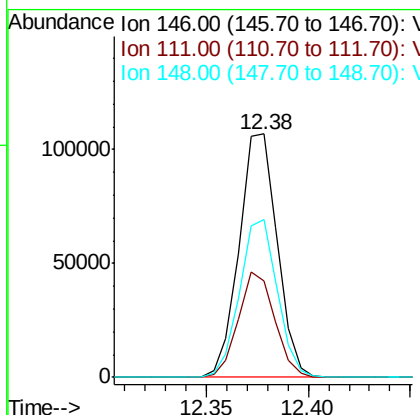
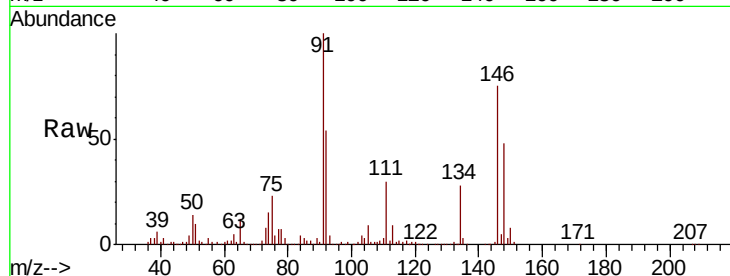




#87
 1,2-Dichlorobenzene
 Concen: 19.903 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017003.D
 Acq: 27 Jun 2020 00:48

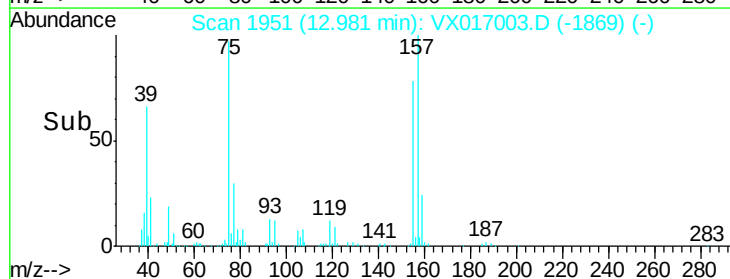
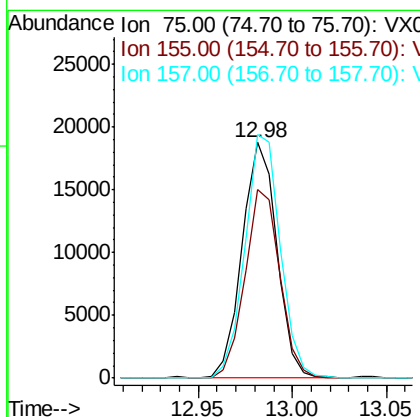
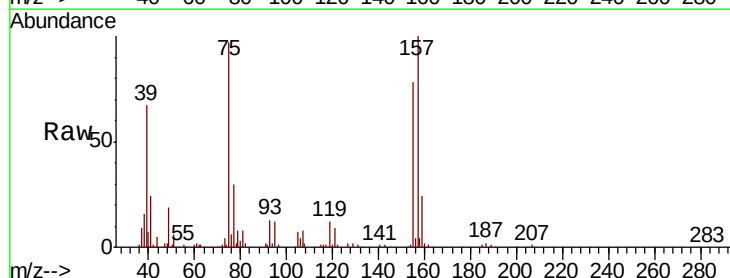
Instrument :
 MSVOA_X
 ClientSampleId :

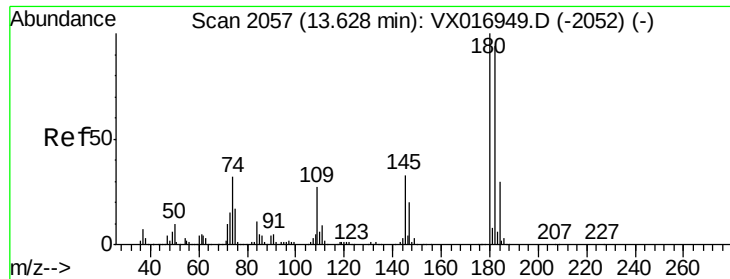
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.1	63.1
148	64.1	32.1	96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.877 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017003.D
 Acq: 27 Jun 2020 00:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.0	65.0	97.6
157	104.9	83.0	124.4

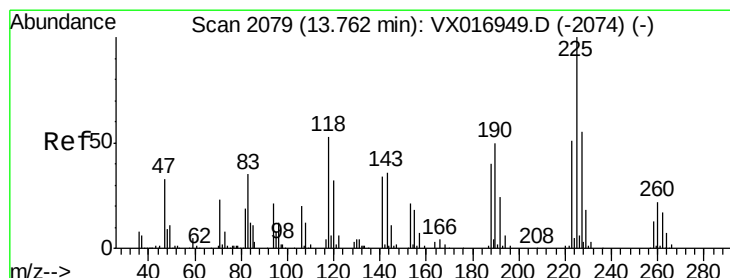
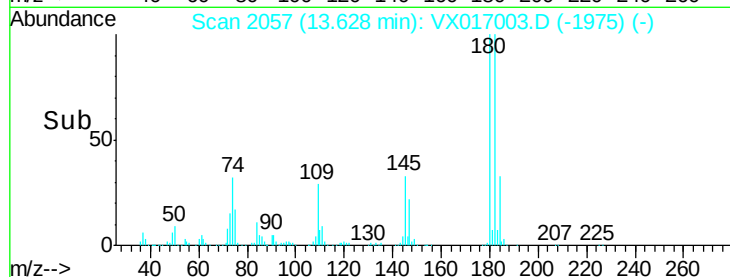
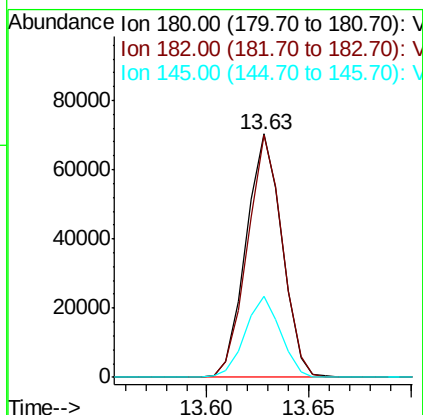
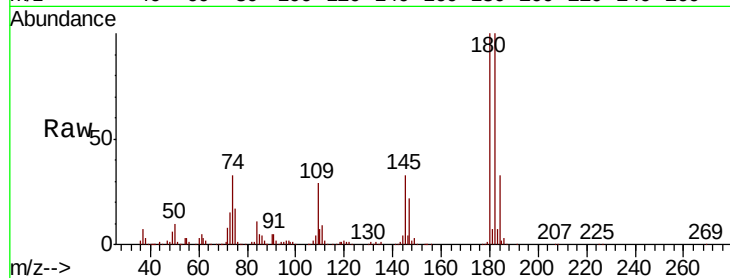




#89
 1,2,4-Trichlorobenzene
 Concen: 18.321 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017003.D
 Acq: 27 Jun 2020 00:48

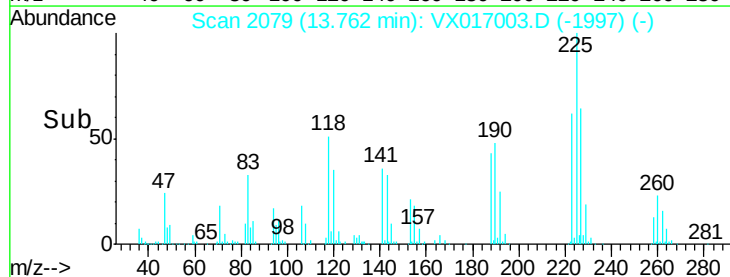
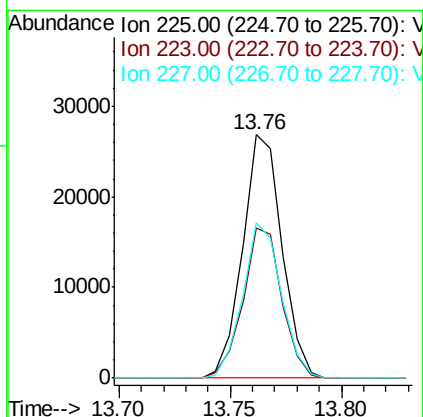
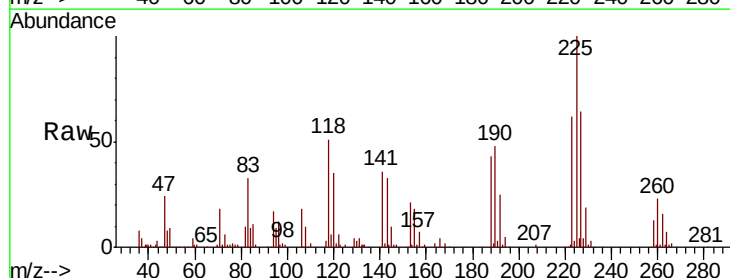
Instrument :
 MSVOA_X
 ClientSampleId :

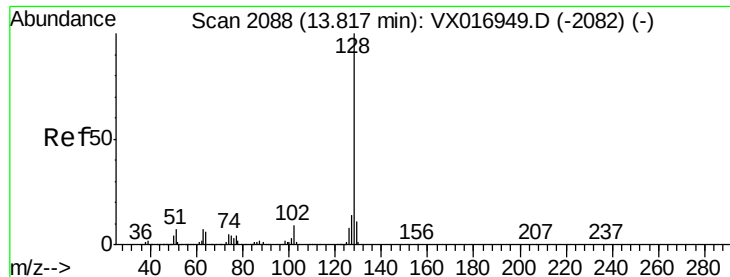
Tot Ion:180 Resp: 86248
 Ion Ratio Lower Upper
 180 100
 182 96.1 77.7 116.5
 145 32.8 26.2 39.2



#90
 Hexachlorobutadiene
 Concen: 18.618 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX017003.D
 Acq: 27 Jun 2020 00:48

Tgt Ion:225 Resp: 33342
 Ion Ratio Lower Upper
 225 100
 223 60.6 0.0 125.0
 227 62.3 0.0 124.0





#91

Naphthalene

Concen: 19.449 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017003.D

Acq: 27 Jun 2020 00:48

Instrument :

MSVOA_X

ClientSampleId :

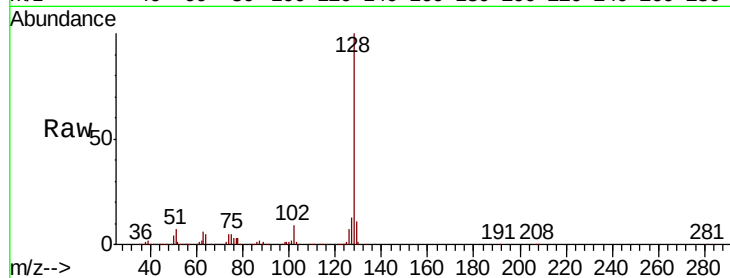
Tot Ion:128 Resp: 300114

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

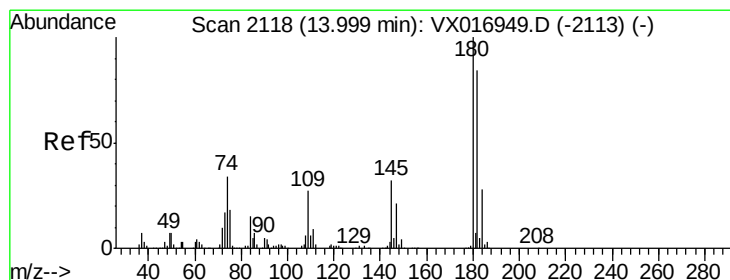
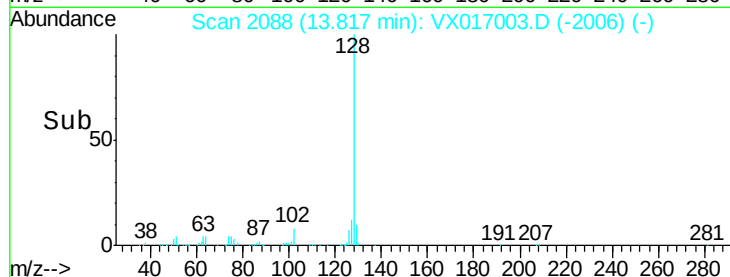
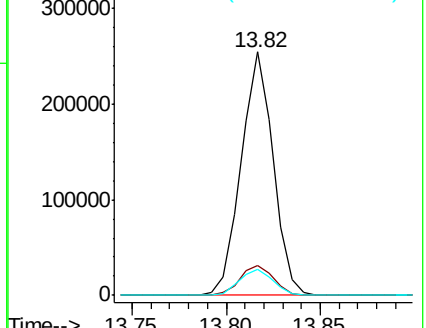
129 11.2 9.0 13.4



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: 19.283 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX017003.D

Acq: 27 Jun 2020 00:48

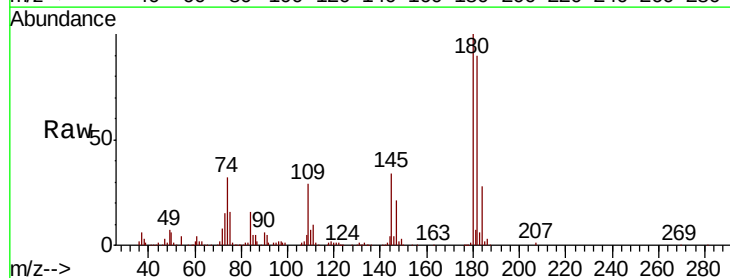
Tgt Ion:180 Resp: 88591

Ion Ratio Lower Upper

180 100

182 92.5 0.0 184.8

145 33.4 0.0 68.0



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

