

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050120\
 Data File : VX016008.D
 Acq On : 01 May 2020 14:00
 Operator : JC/SP
 Sample : VX0501WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 02 06:51:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 30 12:42:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	50349	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	280469	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	260458	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	119101	30.78	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.60%
60) 4-Bromofluorobenzene	11.12	95	128044	29.32	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.73%
63) Toluene-d8	8.70	98	332134	29.73	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	67207	19.379	ug/l 100
3) Chloromethane	1.31	50	63497	18.687	ug/l 99
4) Vinyl Chloride	1.39	62	71162	18.433	ug/l 98
5) Bromomethane	1.63	94	48534	20.511	ug/l 98
6) Chloroethane	1.72	64	45896	18.135	ug/l 98
7) Trichlorofluoromethane	1.92	101	100193	18.119	ug/l 100
8) Diethyl Ether	2.17	74	41310	18.717	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	53534	18.747	ug/l 99
10) 1,1-Dichloroethene	2.36	96	52893	18.359	ug/l 99
11) Methyl Iodide	2.49	142	69960	17.787	ug/l 99
12) Methyl Acetate	2.75	43	99604	19.801	ug/l 100
13) Acrolein	2.27	56	31014	76.910	ug/l 97
14) Acrylonitrile	3.11	53	177575	95.571	ug/l 99
15) Acetone	2.42	58	48103	97.825	ug/l 96
16) Carbon Disulfide	2.55	76	159855	18.238	ug/l 98
17) Allyl chloride	2.70	41	98857	18.497	ug/l 96
18) Methylene Chloride	2.83	84	61772	19.139	ug/l 100
19) trans-1,2-Dichloroethene	3.14	96	57647	18.294	ug/l 97
20) Diisopropyl ether	3.82	45	191134	18.548	ug/l # 88
21) 1,1-Dichloroethane	3.67	63	106037	18.454	ug/l 99
22) cis-1,2-Dichloroethene	4.57	96	65465	18.307	ug/l 100
23) tert-Butyl Alcohol	3.00	59	88012	96.767	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	197964	19.134	ug/l 99
25) Chloroform	5.17	83	107699	18.455	ug/l 98
26) Cyclohexane	5.55	56	95942	18.260	ug/l # 99
29) 1,1-Dichloropropene	5.77	75	80232	18.189	ug/l 99
30) 2-Butanone	4.63	43	253756	96.543	ug/l 99
31) 2,2-Dichloropropane	4.55	77	92502	17.425	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	96280	17.993	ug/l 99
33) Carbon Tetrachloride	5.75	117	85712	17.990	ug/l 97
34) Benzene	6.11	78	237246	18.414	ug/l 98
35) Methacrylonitrile	5.00	41	53715	19.244	ug/l 94
36) 1,2-Dichloroethane	6.16	62	92812	18.863	ug/l 98
37) Trichloroethene	7.19	130	87453	19.080	ug/l 98
38) Methylcyclohexane	7.44	83	98717	18.312	ug/l 100
39) 1,2-Dichloropropane	7.49	63	61973	18.738	ug/l 98
40) Dibromomethane	7.64	93	42725	18.604	ug/l 99

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

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 02 06:51:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 30 12:42:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	85670	18.095	ug/l	100
42) Vinyl Acetate	3.78	43	813462	93.547	ug/l	100
43) Ethyl Acetate	4.79	43	98380	18.975	ug/l	99
44) Isopropyl Acetate	6.41	43	157911	18.768	ug/l	99
45) 1,4-Dioxane	7.71	88	34325	386.222	ug/l	99
46) Methyl methacrylate	7.74	41	74278	18.622	ug/l	94
47) n-amyl Acetate	10.88	43	131899	17.928	ug/l	98
48) t-1,3-Dichloropropene	9.02	75	100505	18.281	ug/l	100
49) cis-1,3-Dichloropropene	8.42	75	104061	18.320	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	59488	18.381	ug/l	98
51) Ethyl methacrylate	9.16	69	98433	18.419	ug/l	96
52) 1,3-Dichloropropane	9.35	76	106311	19.003	ug/l	99
53) Dibromochloromethane	9.57	129	66827	18.150	ug/l	98
54) 1,2-Dibromoethane	9.65	107	64671	18.182	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	267747	92.093	ug/l	100
56) Bromoform	10.84	173	48070	17.327	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	484454	94.320	ug/l	99
59) 2-Hexanone	9.47	43	370683	93.432	ug/l	99
61) Tetrachloroethene	9.32	164	94697	18.380	ug/l	96
62) Toluene	8.76	91	255436	18.357	ug/l	100
64) Chlorobenzene	10.12	112	158556	17.896	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.20	131	59718	17.755	ug/l	99
66) Ethyl Benzene	10.24	91	287088	18.119	ug/l	100
67) m/p-Xylenes	10.34	106	218784	36.246	ug/l	98
68) o-Xylene	10.68	106	104927	18.026	ug/l	98
69) Styrene	10.70	104	175905	17.657	ug/l	100
70) Isopropylbenzene	11.00	105	279172	17.764	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	45358	15.526	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	118093	24.958	ug/l	82
73) Bromobenzene	11.24	156	71996	18.180	ug/l	100
74) n-propylbenzene	11.34	91	325106	17.810	ug/l	100
75) 2-Chlorotoluene	11.40	91	189679	17.683	ug/l	98
76) 1,3,5-Trimethylbenzene	11.49	105	234603	17.587	ug/l	100
77) t-1,4-Dichloro-2-butene	11.06	75	34935	17.171	ug/l	99
78) 4-Chlorotoluene	11.49	91	226236	17.818	ug/l	100
79) tert-butylbenzene	11.76	119	200943	17.638	ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	237279	17.804	ug/l	99
81) sec-Butylbenzene	11.93	105	271545	17.672	ug/l	100
82) p-Isopropyltoluene	12.05	119	251847	17.686	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	126254	17.683	ug/l	100
84) 1,4-Dichlorobenzene	12.08	146	127566	17.981	ug/l	100
85) n-Butylbenzene	12.37	91	228768	17.588	ug/l	98
86) Hexachloroethane	12.58	117	42947	17.132	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	123403	17.871	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	22032	18.022	ug/l	96
89) 1,2,4-Trichlorobenzene	13.63	180	87675	17.238	ug/l	97
90) Hexachlorobutadiene	13.77	225	40335	18.452	ug/l	98
91) Naphthalene	13.82	128	292792	18.082	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	88778	18.169	ug/l	97

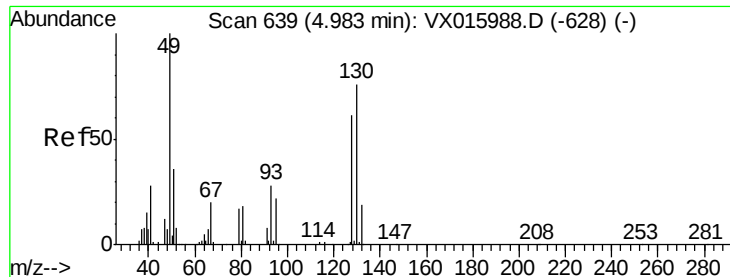
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050120\
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 30 12:42:44 2020
Response via : Initial Calibration

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

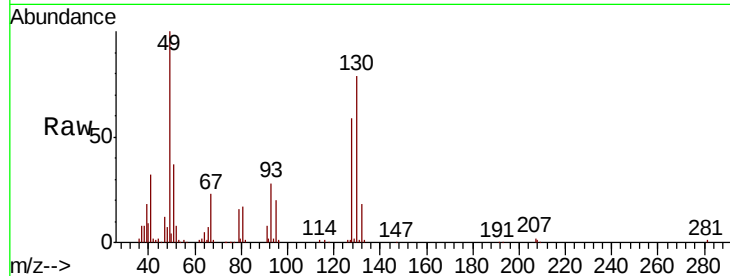


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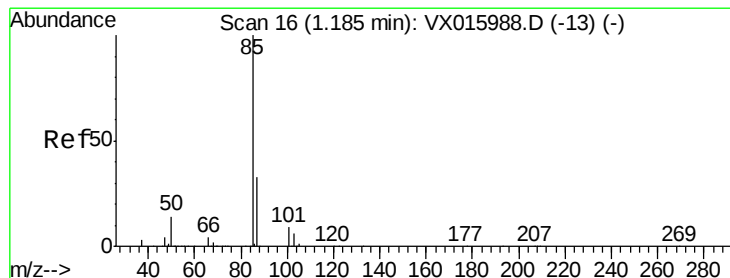
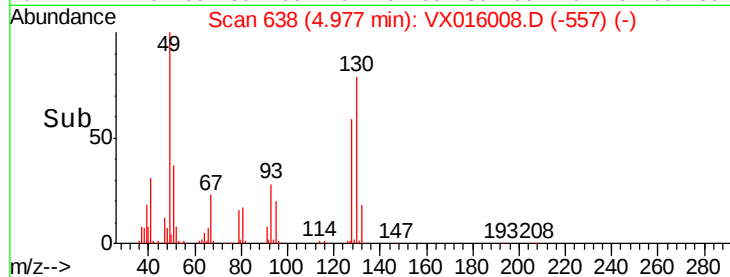
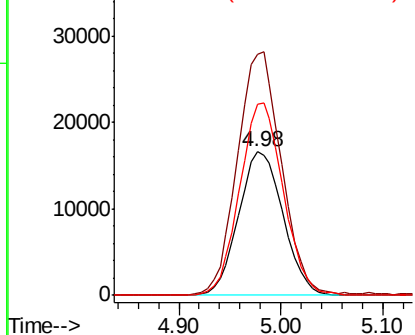
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX016008.D
 Acq: 01 May 2020 14:00

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
49	167.4	0.0	418.5
130	131.2	0.0	326.3



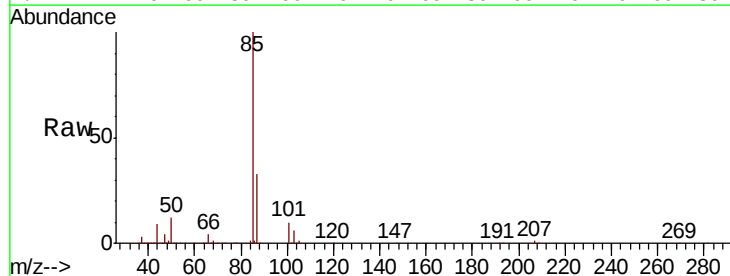
Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VX0
 Ion 130.00 (129.70 to 130.70): V



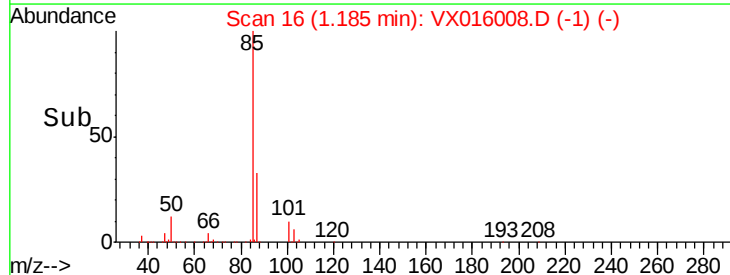
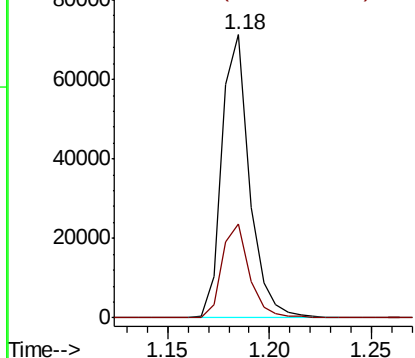
#2

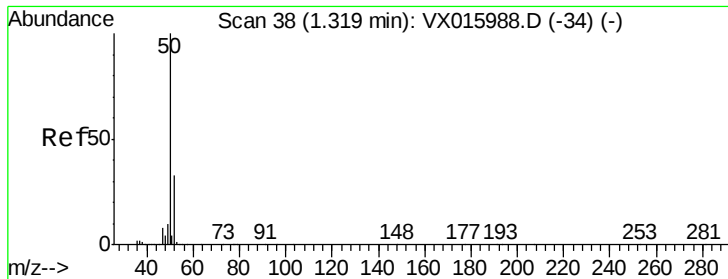
Dichlorodifluoromethane
 Concen: 19.379 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VX016008.D
 Acq: 01 May 2020 14:00

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.2	16.6	49.7



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





#3

Chloromethane

Concen: 18.687 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX016008.D

Acq: 01 May 2020 14:00

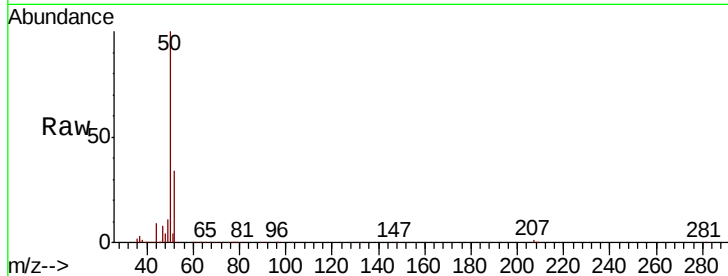
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 63497

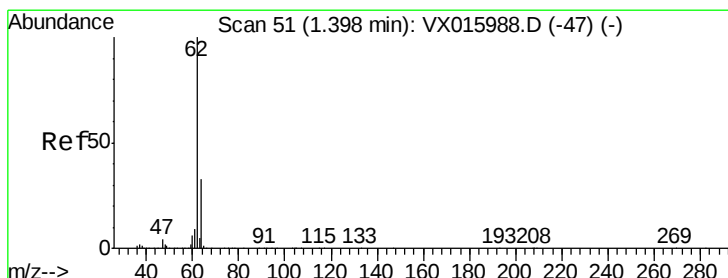
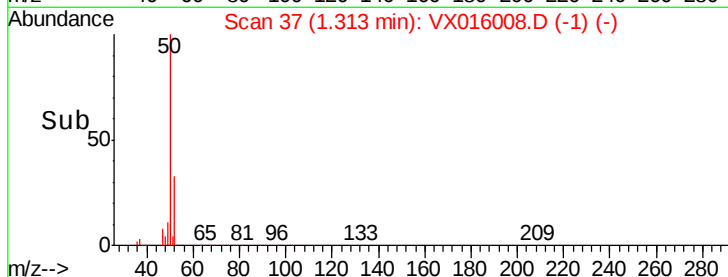
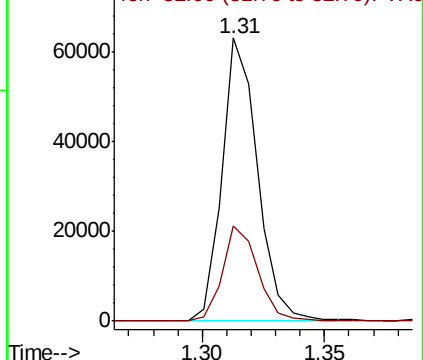
Ion Ratio Lower Upper

50 100

52 33.5 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: 18.433 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX016008.D

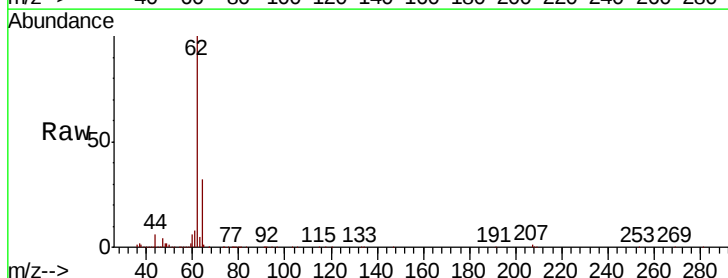
Acq: 01 May 2020 14:00

Tgt Ion: 62 Resp: 71162

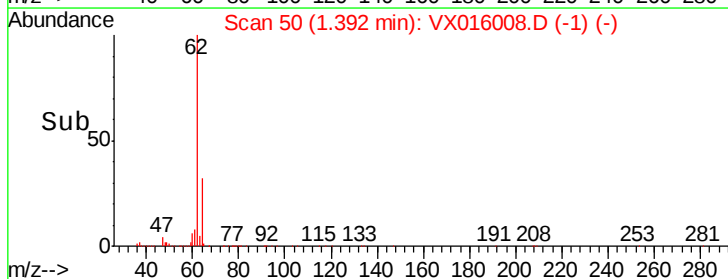
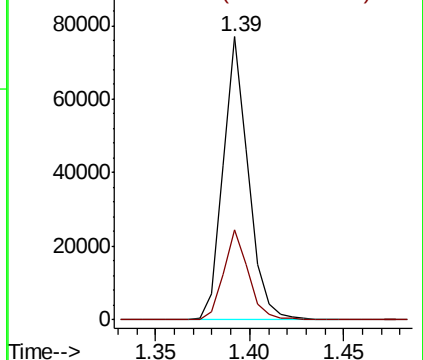
Ion Ratio Lower Upper

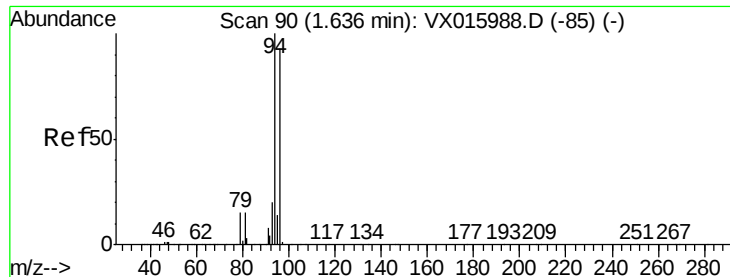
62 100

64 32.0 26.3 39.5



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 20.511 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX016008.D

Acq: 01 May 2020 14:00

Instrument :

MSVOA_X

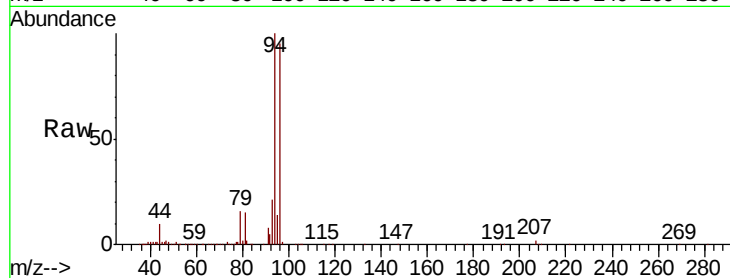
ClientSampleId :

Tot Ion: 94 Resp: 48534

Ion Ratio Lower Upper

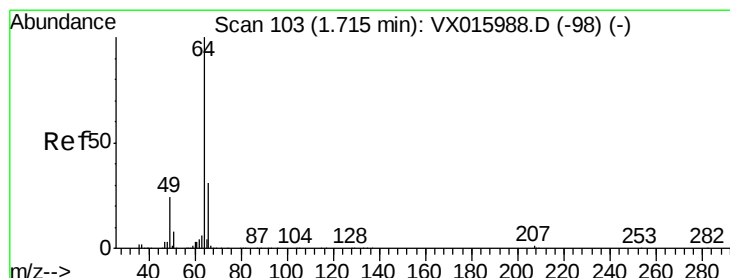
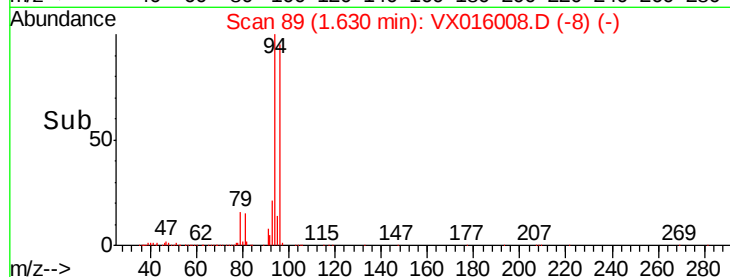
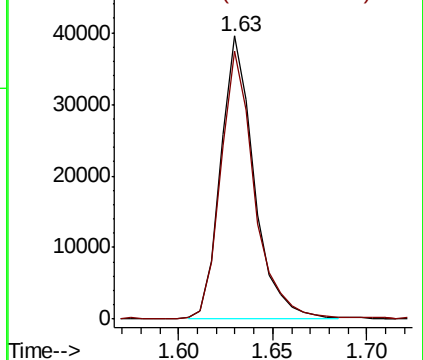
94 100

96 94.6 74.2 111.2



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 18.135 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX016008.D

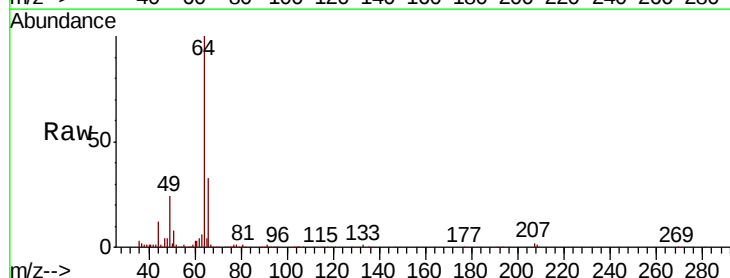
Acq: 01 May 2020 14:00

Tgt Ion: 64 Resp: 45896

Ion Ratio Lower Upper

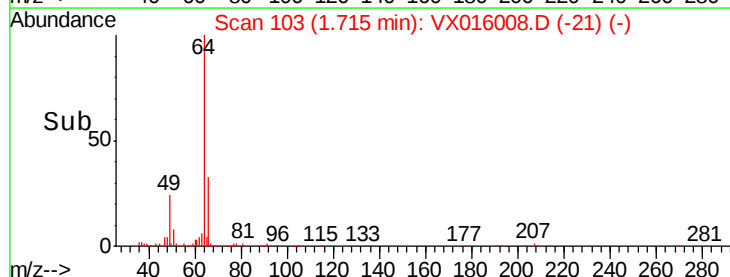
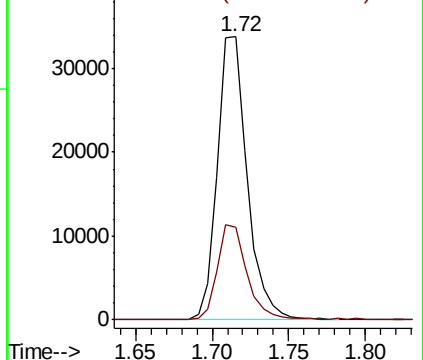
64 100

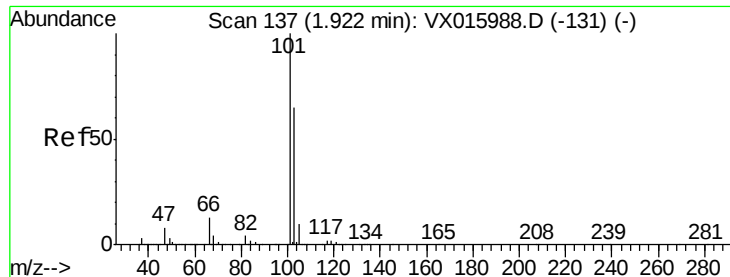
66 32.3 24.9 37.3



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



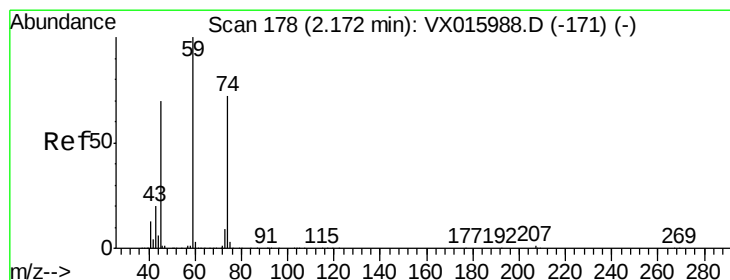
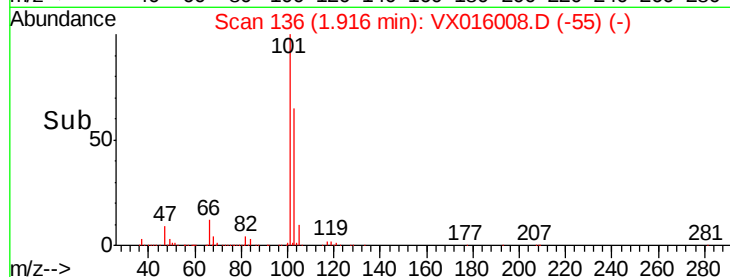
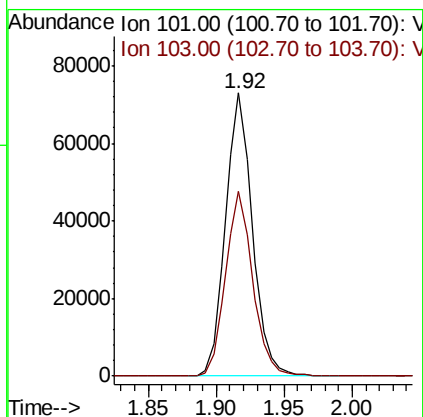
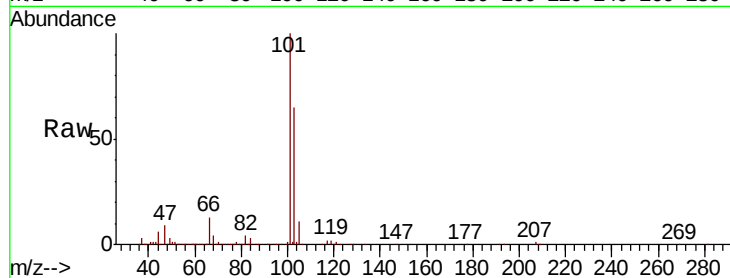


#7

Trichlorofluoromethane
Concen: 18.119 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX016008.D
Acq: 01 May 2020 14:00

Instrument :
MSVOA_X
ClientSampleId :

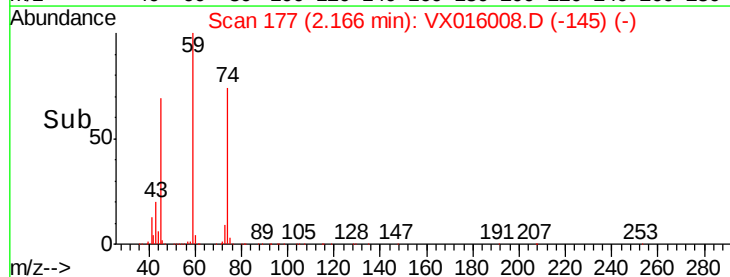
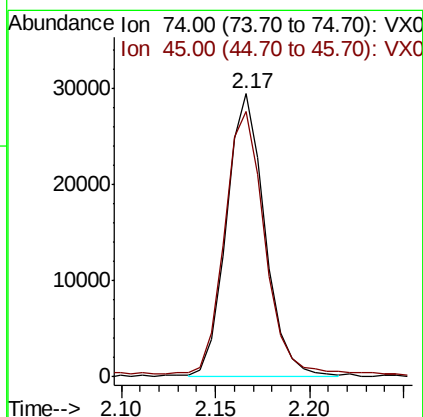
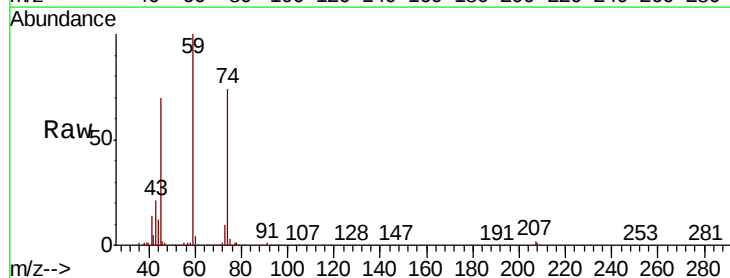
Tot Ion:101 Resp: 100193
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.8

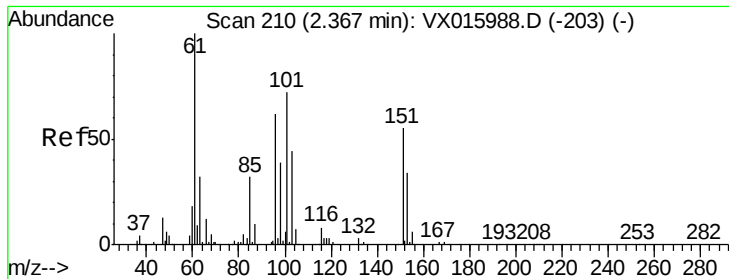


#8

Diethyl Ether
Concen: 18.717 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX016008.D
Acq: 01 May 2020 14:00

Tgt Ion: 74 Resp: 41310
Ion Ratio Lower Upper
74 100
45 98.6 19.4 174.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.747 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX016008.D

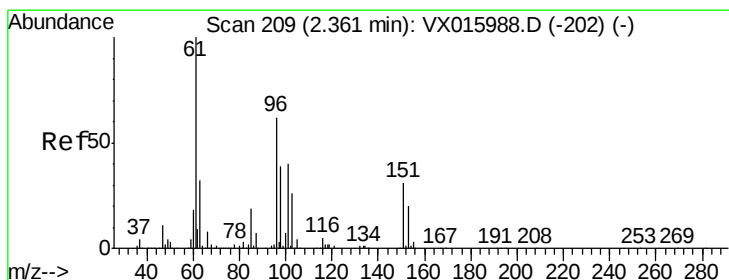
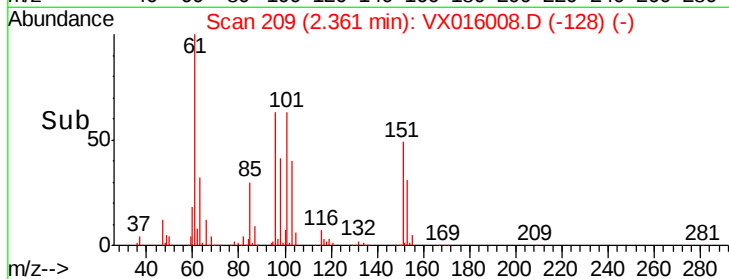
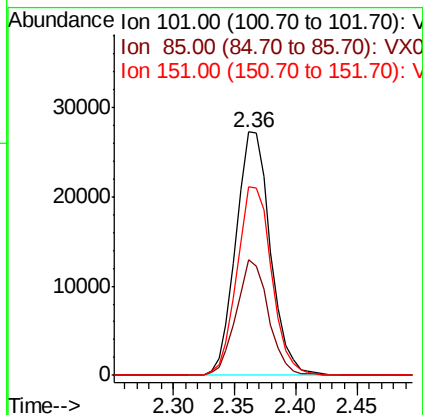
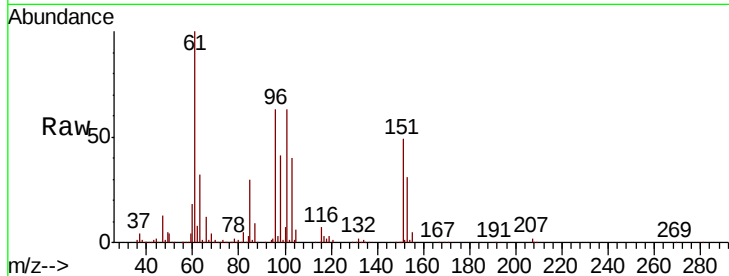
Acq: 01 May 2020 14:00

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	101	Resp:	53534
Ion	Ratio	Lower	Upper
101	100		
85	44.2	0.0	90.6
151	77.8	0.0	157.0



#10

1,1-Dichloroethene

Concen: 18.359 ug/l

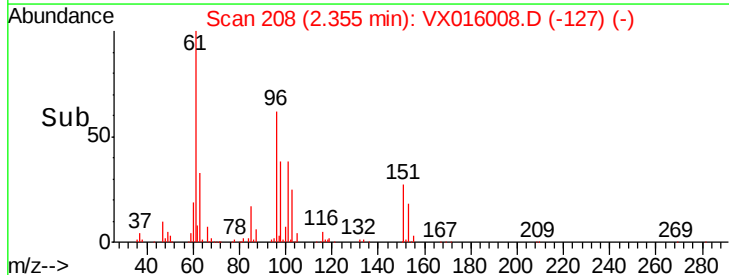
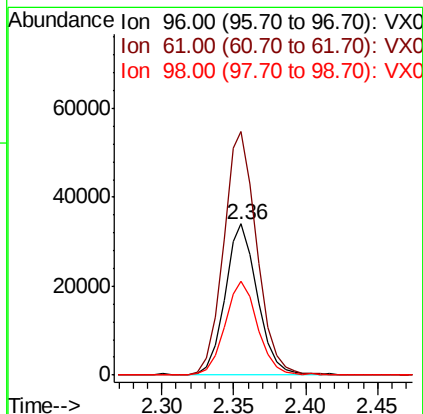
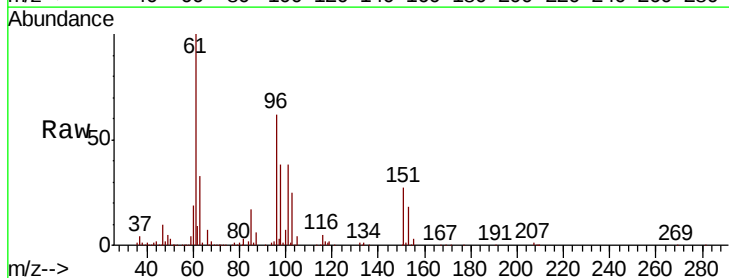
RT: 2.36 min Scan# 208

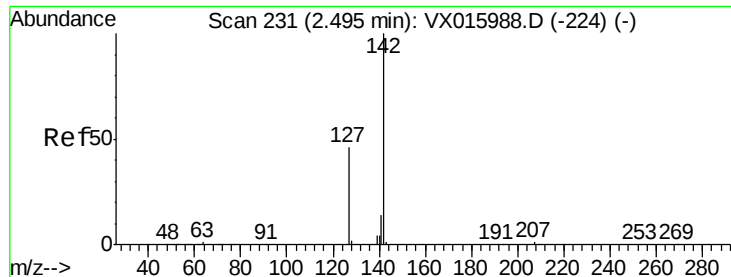
Delta R.T. -0.01 min

Lab File: VX016008.D

Acq: 01 May 2020 14:00

Tgt Ion:	96	Resp:	52893
Ion	Ratio	Lower	Upper
96	100		
61	161.4	129.8	194.8
98	62.1	51.1	76.7

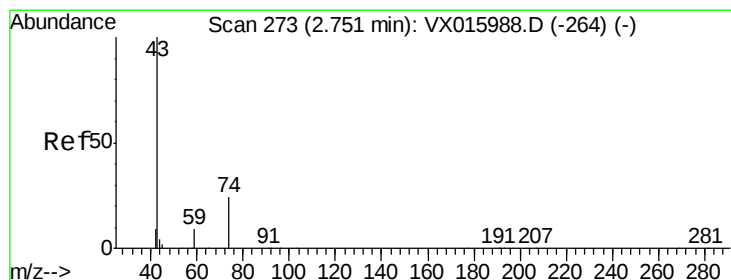
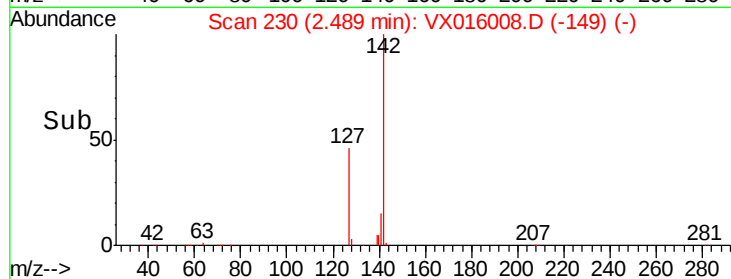
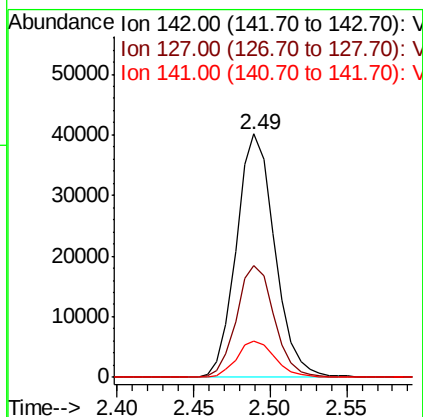
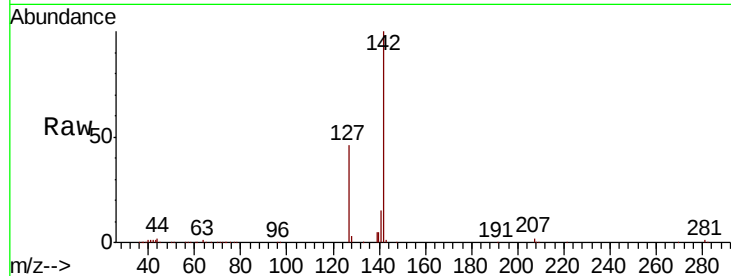




#11
Methvl Iodide
Concen: 17.787 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX016008.D
Acq: 01 May 2020 14:00

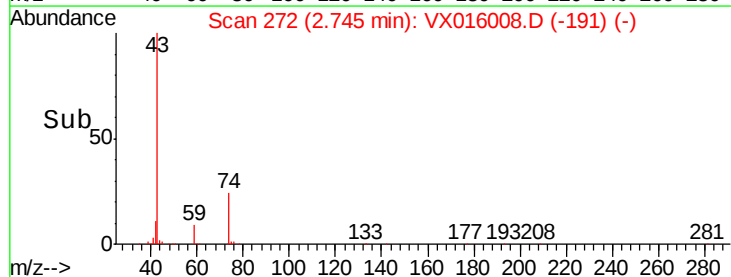
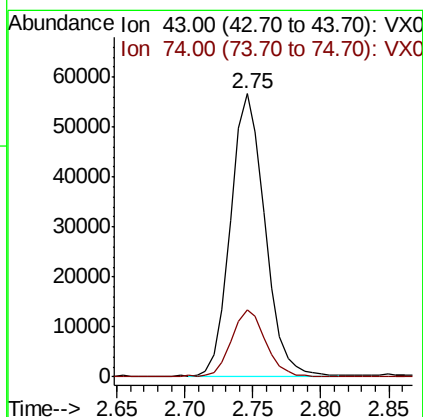
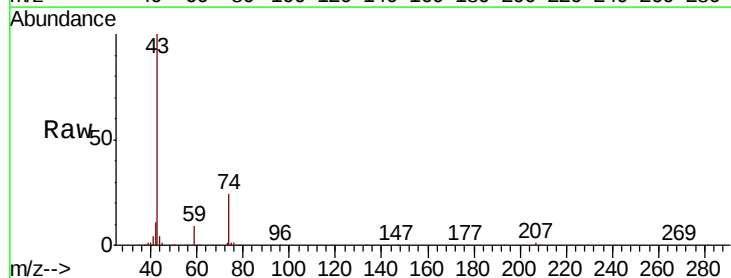
Instrument :
MSVOA_X
ClientSampleId :

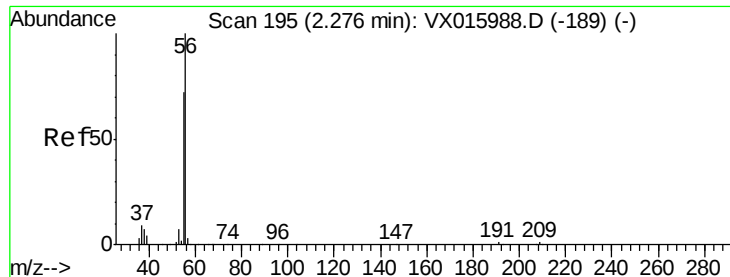
Tot Ion:142 Resp: 69960
Ion Ratio Lower Upper
142 100
127 46.0 22.8 68.4
141 15.1 7.0 21.1



#12
Methyl Acetate
Concen: 19.801 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016008.D
Acq: 01 May 2020 14:00

Tgt Ion: 43 Resp: 99604
Ion Ratio Lower Upper
43 100
74 23.6 19.0 28.4





#13

Acrolein

Concen: 76.910 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX016008.D

Acq: 01 May 2020 14:00

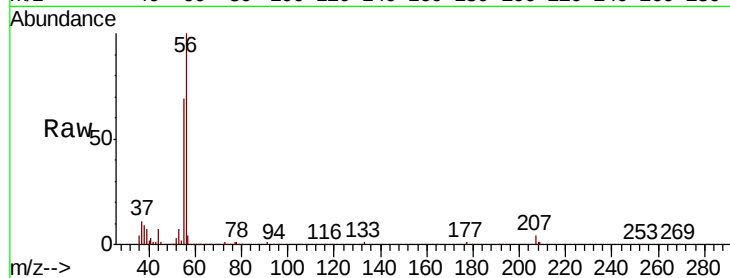
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 31014

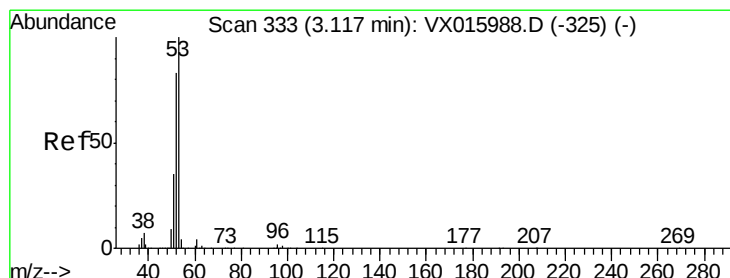
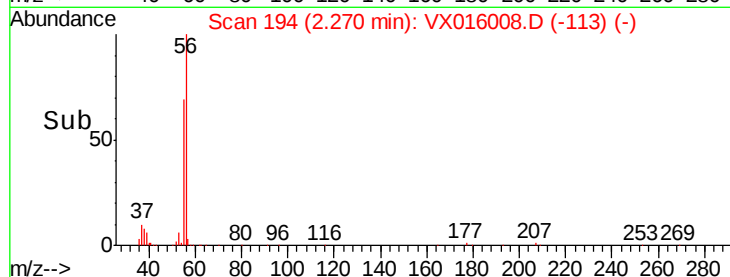
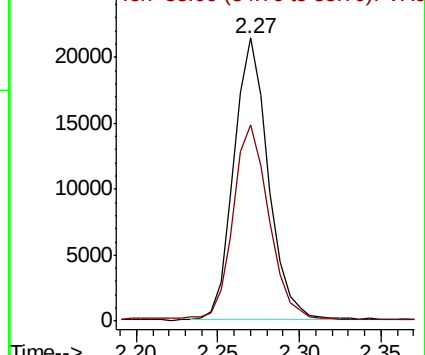
Ion Ratio Lower Upper

56 100

55 73.1 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: 95.571 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016008.D

Acq: 01 May 2020 14:00

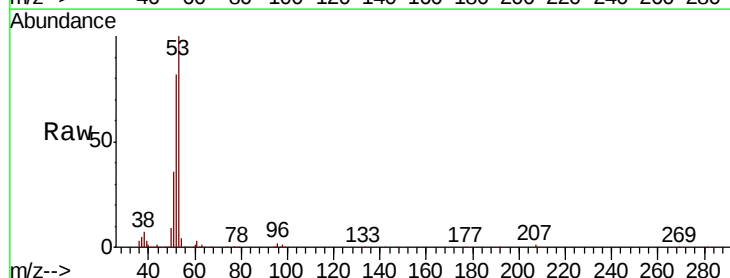
Tgt Ion: 53 Resp: 177575

Ion Ratio Lower Upper

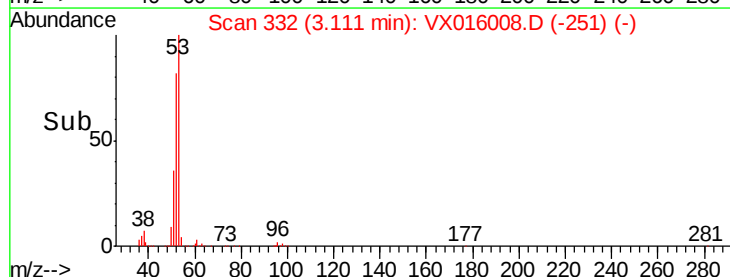
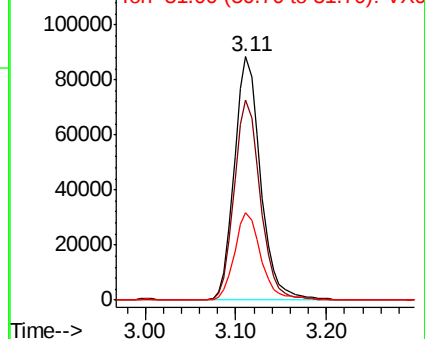
53 100

52 81.5 41.2 123.6

51 36.2 17.8 53.5



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

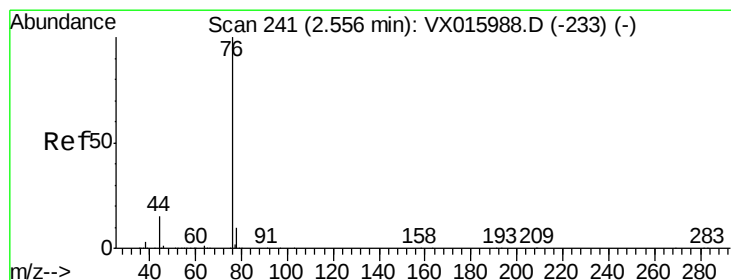
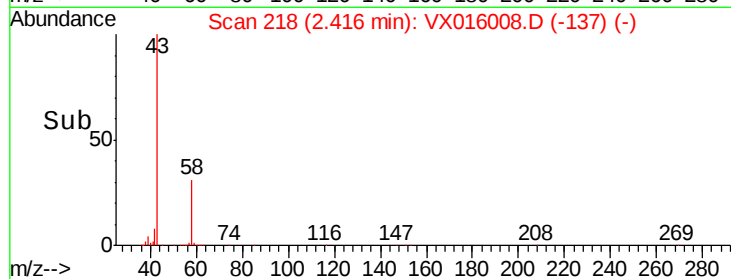
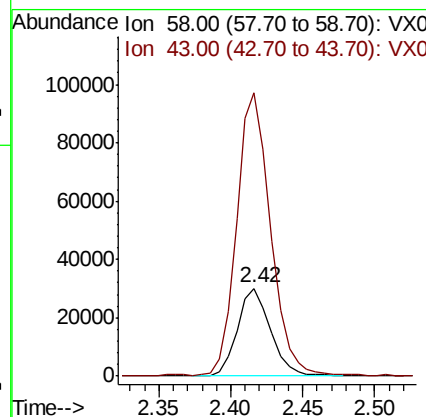
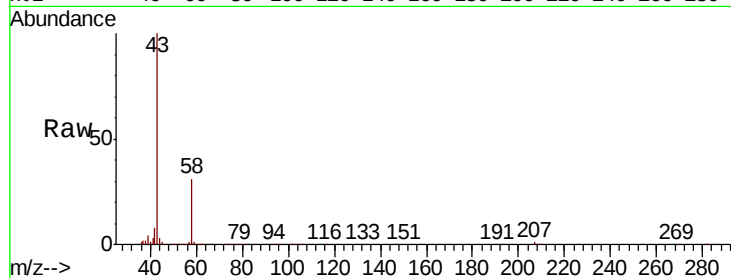




#15
Acetone
Concen: 97.825 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX016008.D
Acq: 01 May 2020 14:00

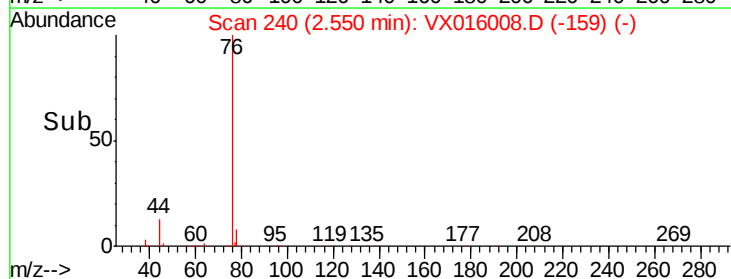
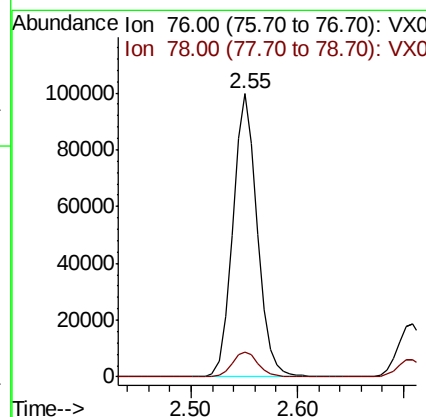
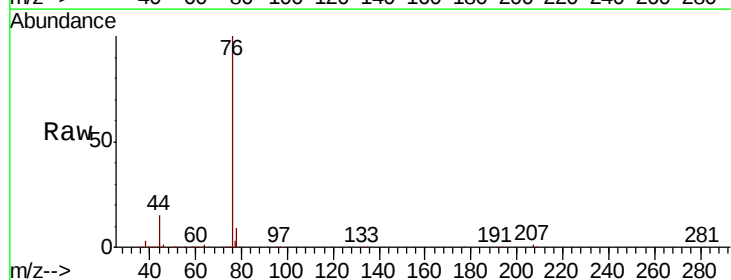
Instrument :
MSVOA_X
ClientSampleId :

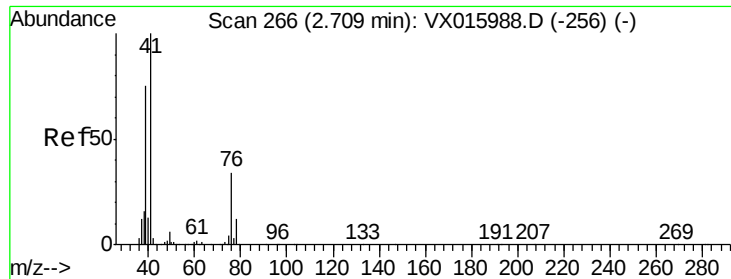
Tot Ion: 58 Resp: 48103
Ion Ratio Lower Upper
58 100
43 321.6 264.2 396.2



#16
Carbon Disulfide
Concen: 18.238 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.01 min
Lab File: VX016008.D
Acq: 01 May 2020 14:00

Tgt Ion: 76 Resp: 159855
Ion Ratio Lower Upper
76 100
78 8.8 7.7 11.5

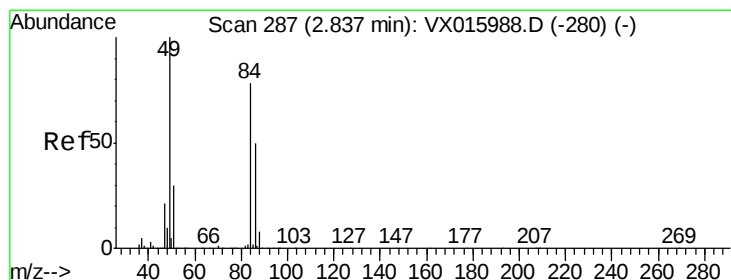
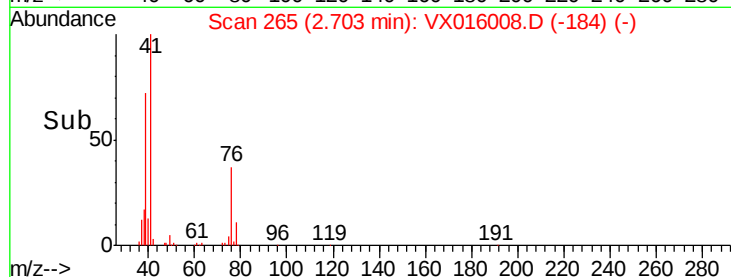
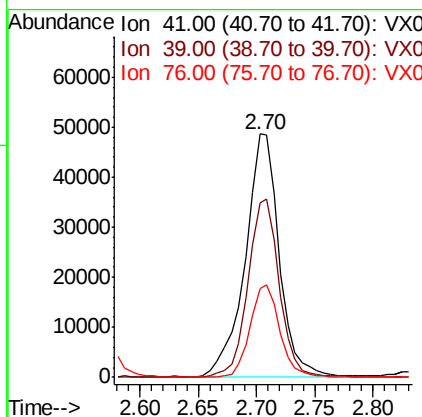
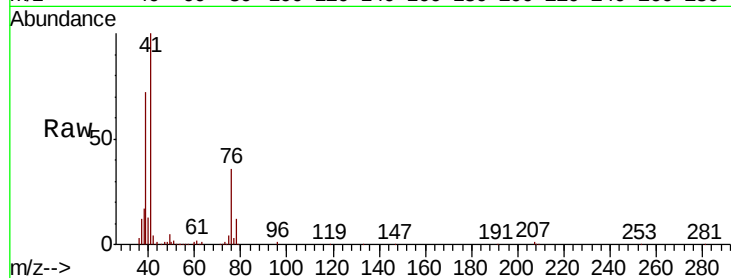




#17
Allvl chloride
Concen: 18.497 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX016008.D
Acq: 01 May 2020 14:00

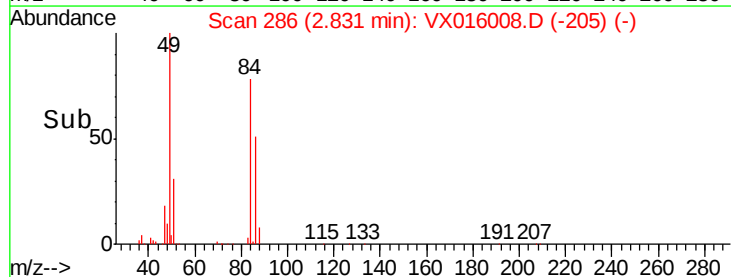
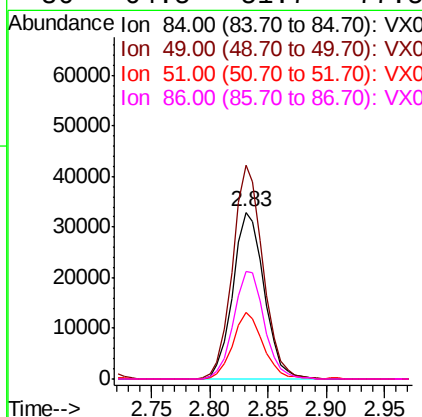
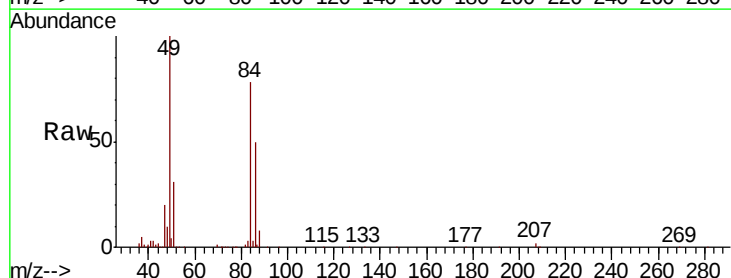
Instrument :
MSVOA_X
ClientSampleId :

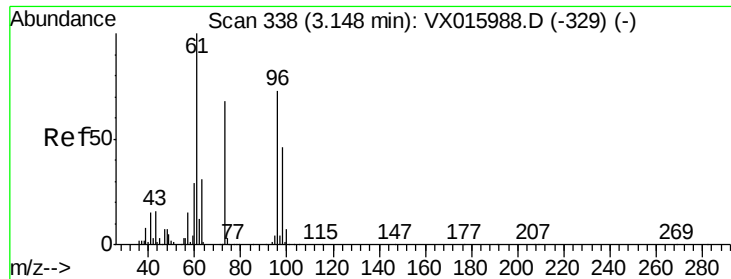
Tot Ion: 41 Resp: 98857
Ion Ratio Lower Upper
41 100
39 71.6 37.6 112.8
76 36.4 17.2 51.5



#18
Methylene Chloride
Concen: 19.139 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016008.D
Acq: 01 May 2020 14:00

Tgt Ion: 84 Resp: 61772
Ion Ratio Lower Upper
84 100
49 128.3 103.0 154.4
51 39.5 31.4 47.0
86 64.5 51.7 77.5





#19

trans-1,2-Dichloroethene

Concen: 18.294 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.01 min

Lab File: VX016008.D

Acq: 01 May 2020 14:00

Instrument :

MSVOA_X

ClientSampleId :

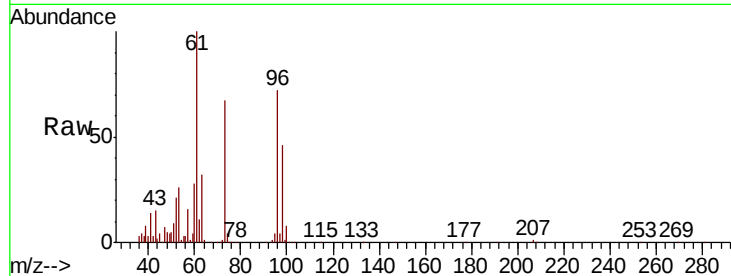
Tot Ion: 96 Resp: 57647

Ion Ratio Lower Upper

96 100

61 139.9 109.0 163.4

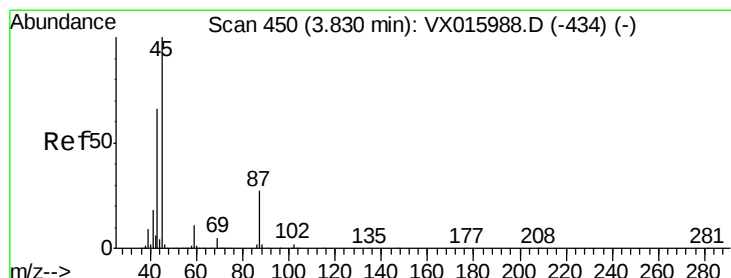
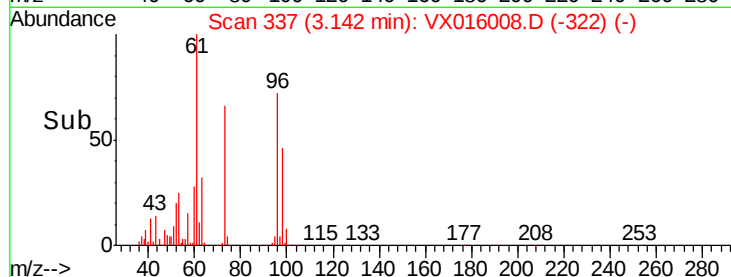
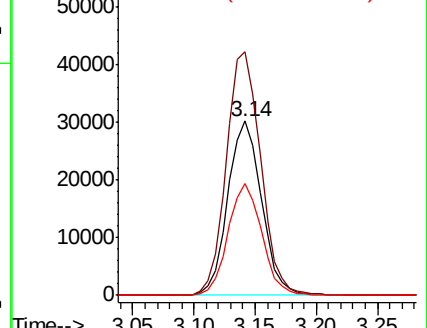
98 64.5 50.0 75.0



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: 18.548 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016008.D

Acq: 01 May 2020 14:00

Tgt Ion: 45 Resp: 191134

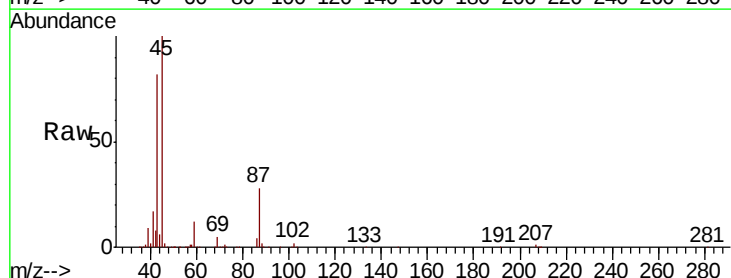
Ion Ratio Lower Upper

45 100

43 80.7 53.0 79.4#

87 27.9 21.9 32.9

59 11.8 9.1 13.7

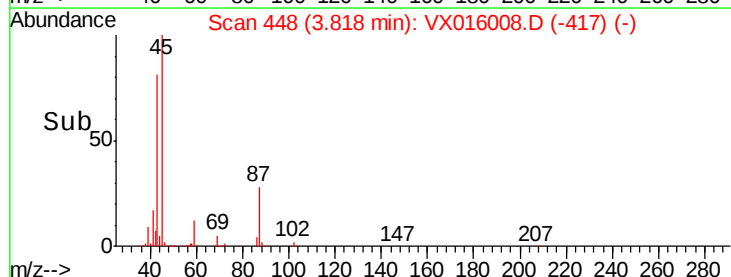
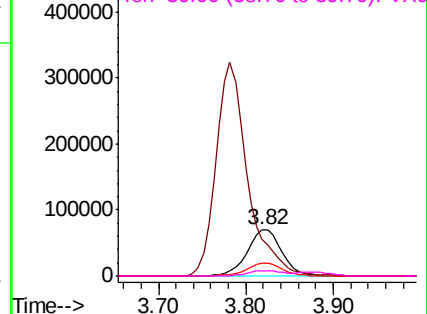


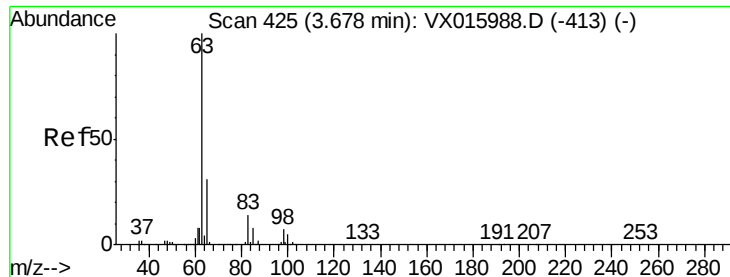
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 18.454 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016008.D

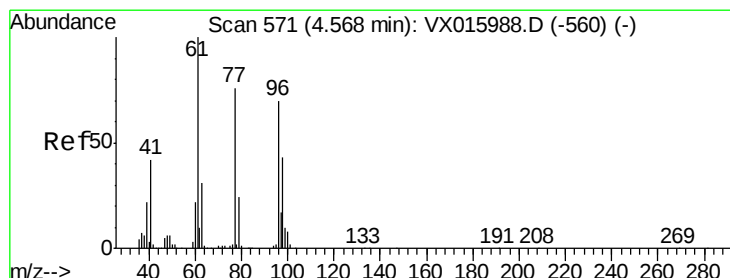
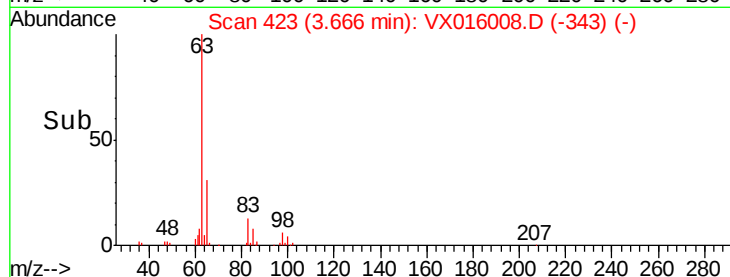
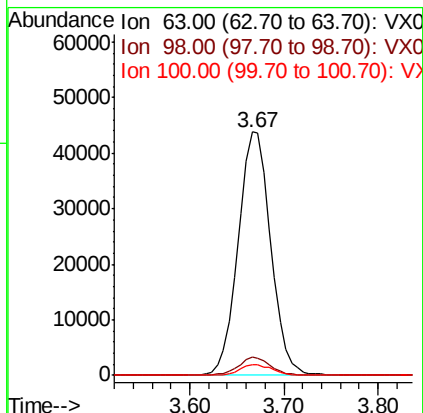
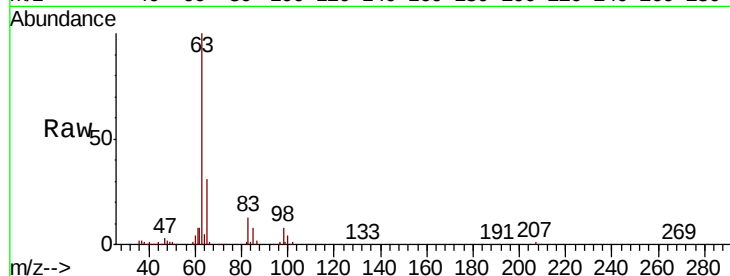
Acq: 01 May 2020 14:00

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	63	Resp:	106037
Ion	Ratio	Lower	Upper
63	100		
98	7.6	3.5	10.4
100	4.4	2.3	6.9



#22

cis-1,2-Dichloroethene

Concen: 18.307 ug/l

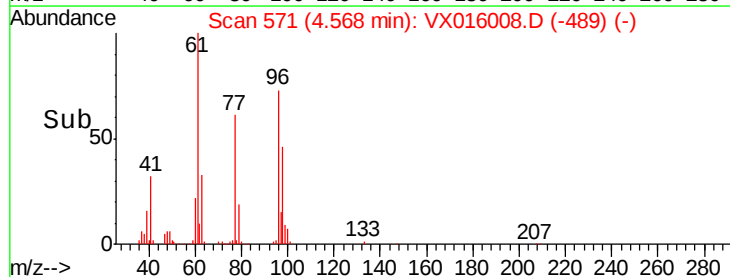
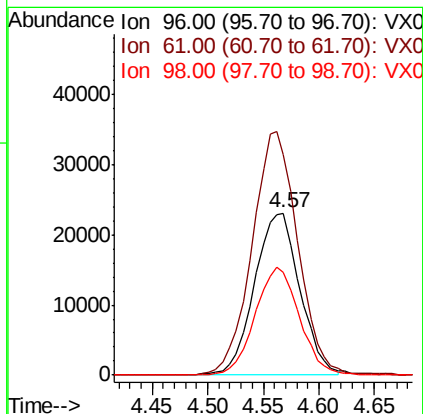
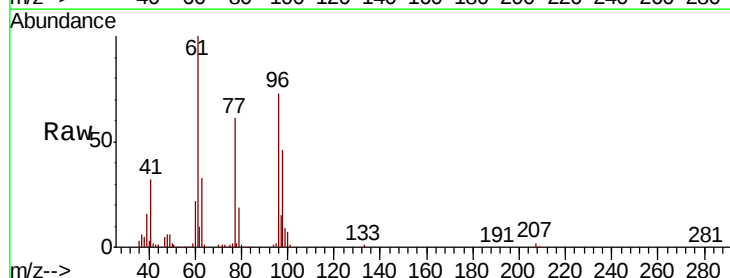
RT: 4.57 min Scan# 571

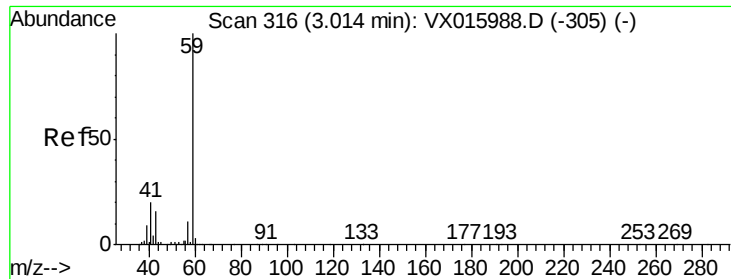
Delta R.T. 0.00 min

Lab File: VX016008.D

Acq: 01 May 2020 14:00

Tgt Ion:	96	Resp:	65465
Ion	Ratio	Lower	Upper
96	100		
61	151.6	121.6	182.4
98	65.0	51.9	77.9



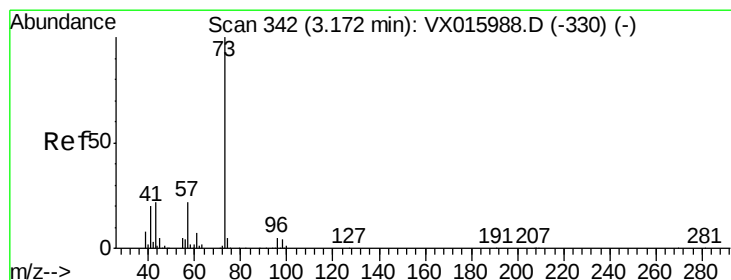
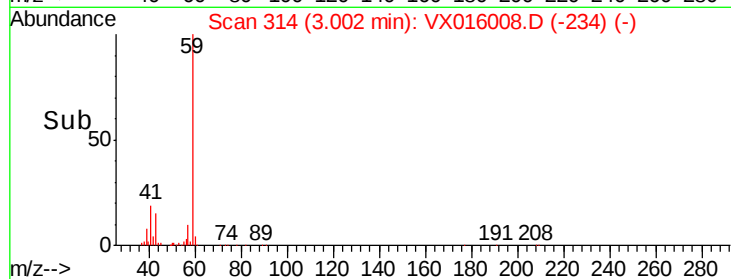
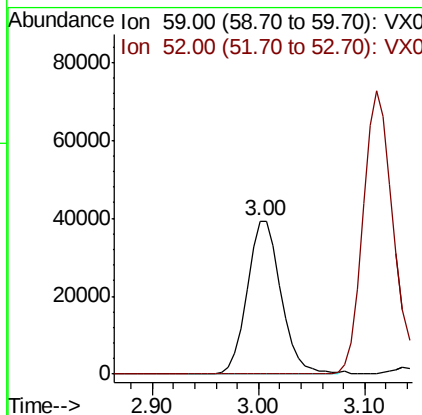
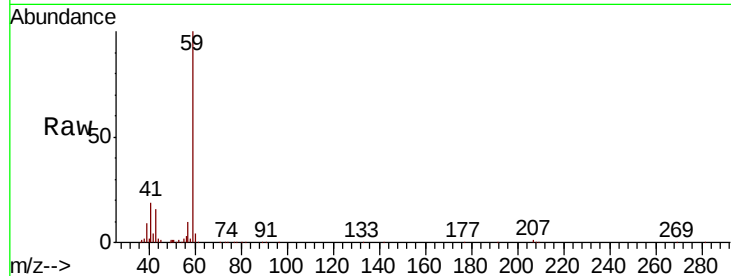


#23

tert-Butyl Alcohol
 Concen: 96.767 ug/l
 RT: 3.00 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX016008.D
 Acq: 01 May 2020 14:00

Instrument :
 MSVOA_X
 ClientSampled :

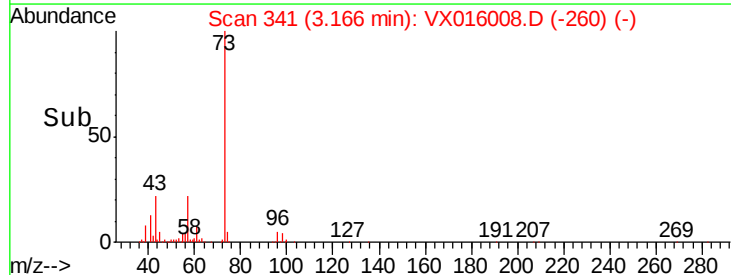
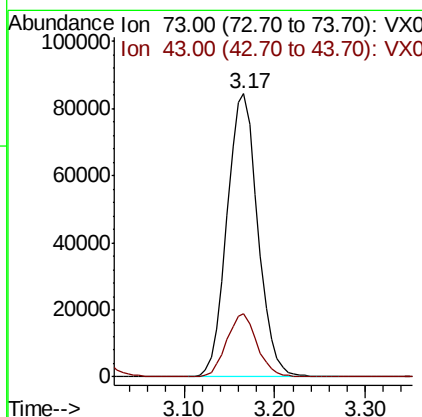
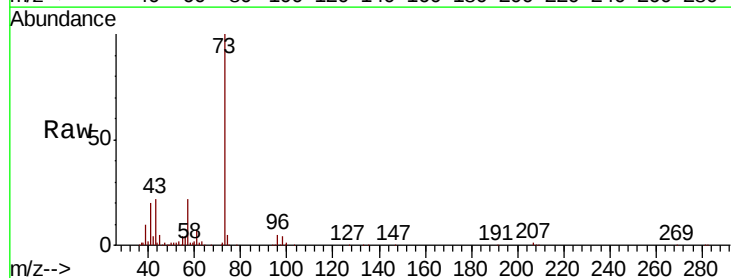
Tot Ion: 59 Resp: 88012
 Ion Ratio Lower Upper
 59 100
 52 0.3 0.1 0.1#

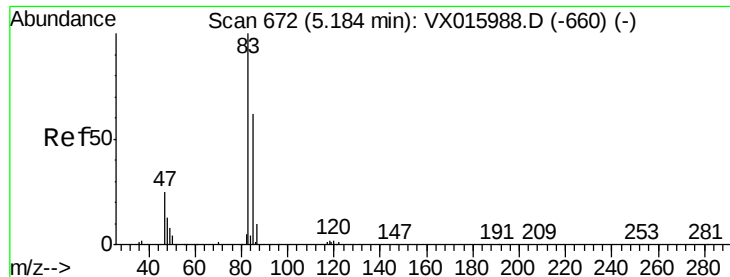


#24

Methyl tert-Butyl Ether
 Concen: 19.134 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX016008.D
 Acq: 01 May 2020 14:00

Tgt Ion: 73 Resp: 197964
 Ion Ratio Lower Upper
 73 100
 43 21.9 17.8 26.6

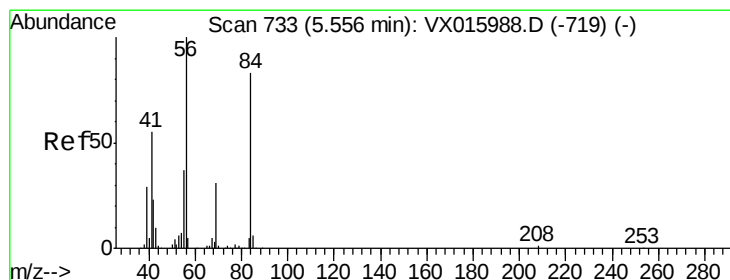
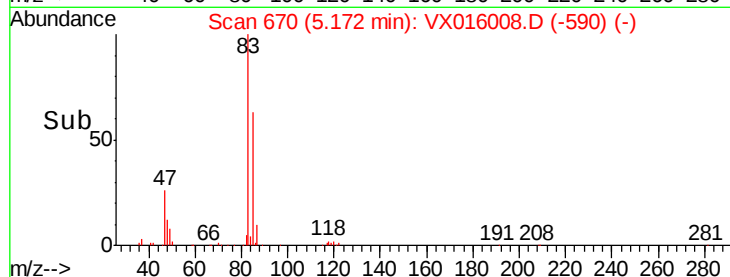
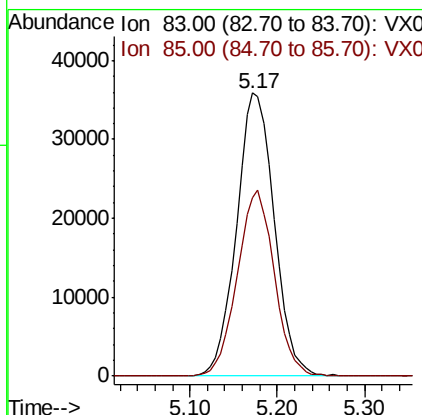
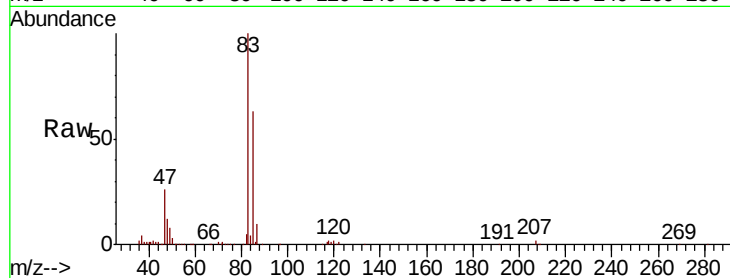




#25
Chloroform
Concen: 18.455 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016008.D
Acq: 01 May 2020 14:00

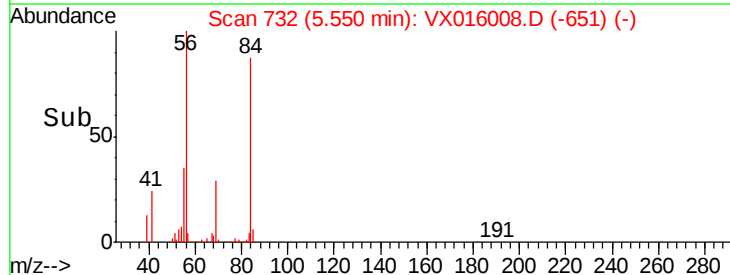
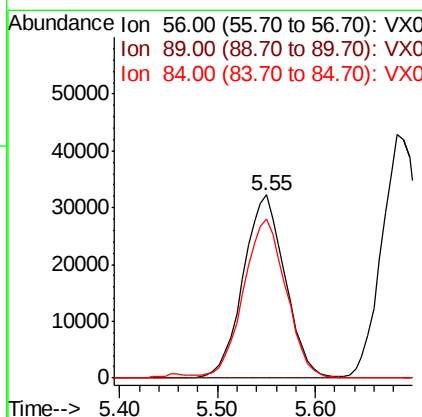
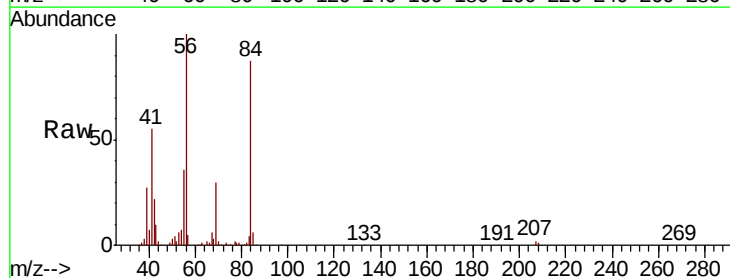
Instrument :
MSVOA_X
ClientSampleId :

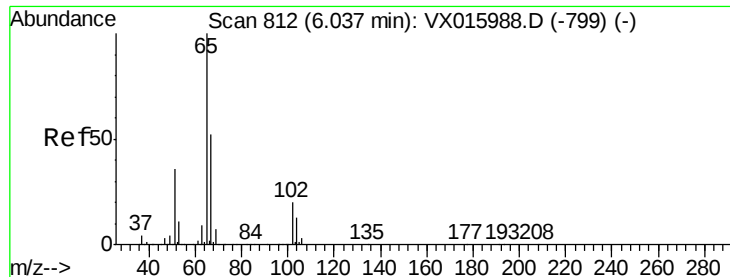
Tot Ion: 83 Resp: 107699
Ion Ratio Lower Upper
83 100
85 63.2 49.6 74.4



#26
Cyclohexane
Concen: 18.260 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX016008.D
Acq: 01 May 2020 14:00

Tgt Ion: 56 Resp: 95942
Ion Ratio Lower Upper
56 100
89 0.1 0.1 0.1#
84 88.4 70.1 105.1





#27

1,2-Dichloroethane-d4

Concen: 30.780 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX016008.D

Acq: 01 May 2020 14:00

Instrument :

MSVOA_X

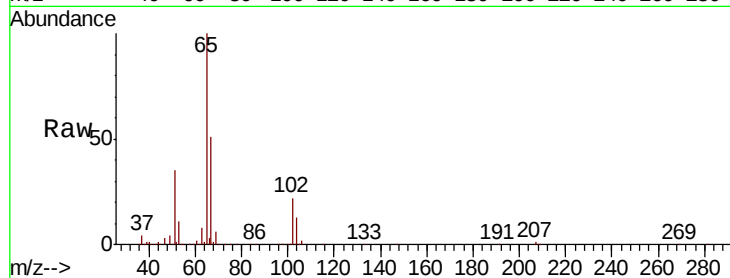
ClientSampled :

Tot Ion: 65 Resp: 119101

Ion Ratio Lower Upper

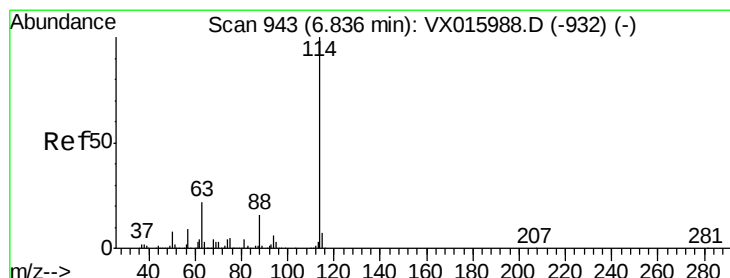
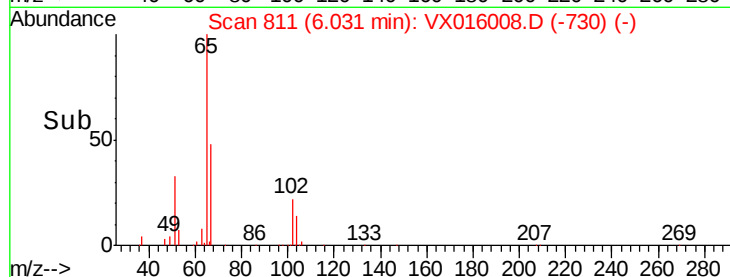
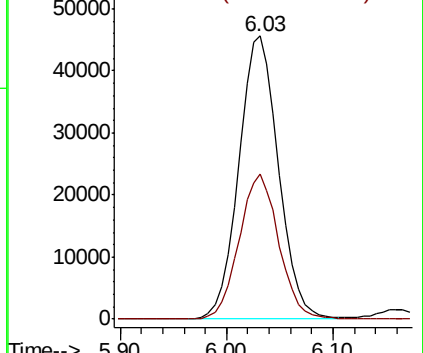
65 100

67 51.1 41.0 61.4



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX016008.D

Acq: 01 May 2020 14:00

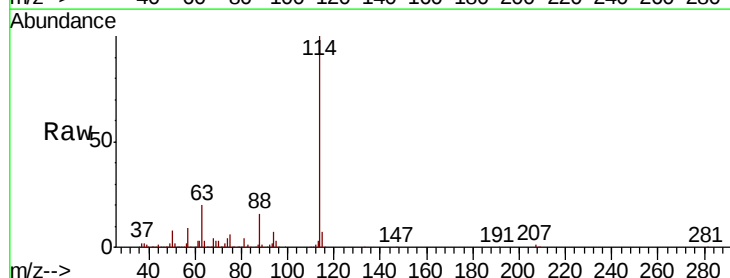
Tgt Ion: 114 Resp: 280469

Ion Ratio Lower Upper

114 100

63 20.8 17.1 25.7

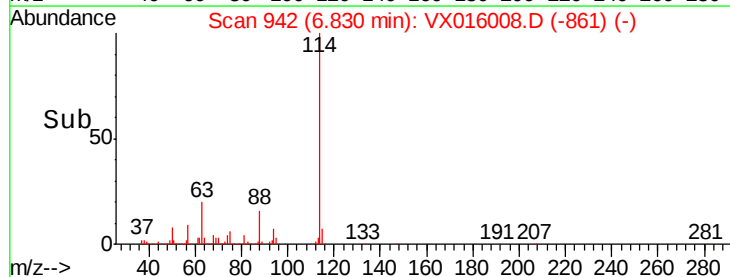
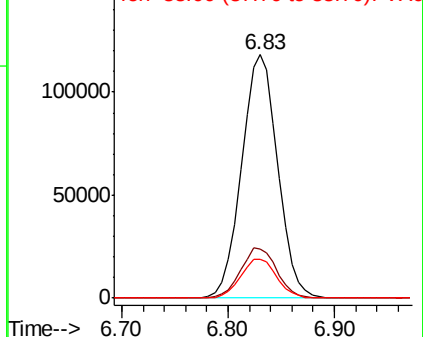
88 16.1 13.0 19.4

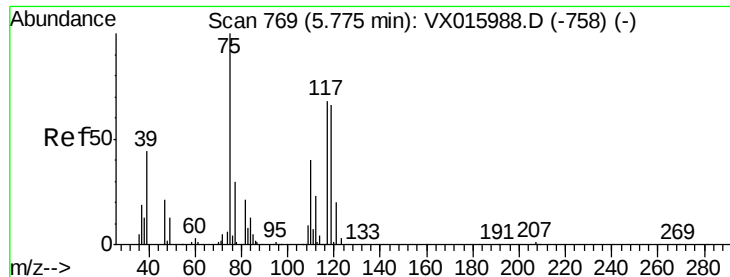


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 18.189 ug/l

RT: 5.77 min Scan# 768

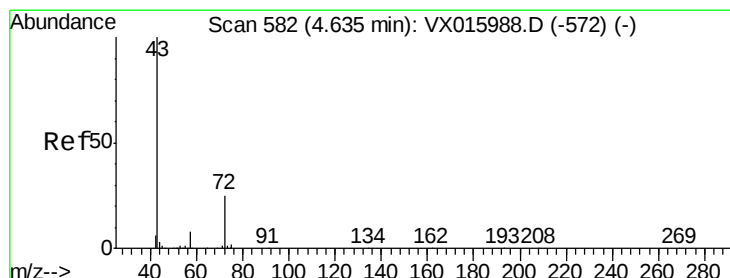
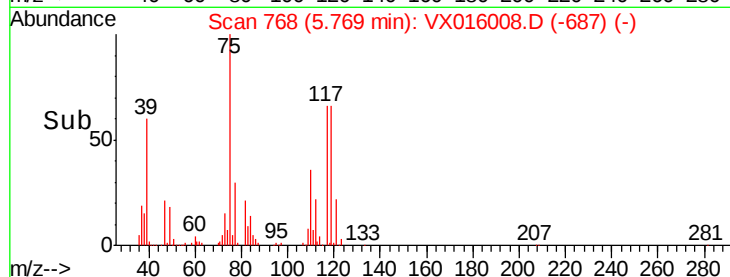
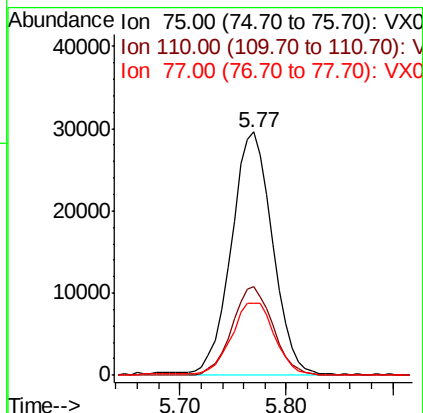
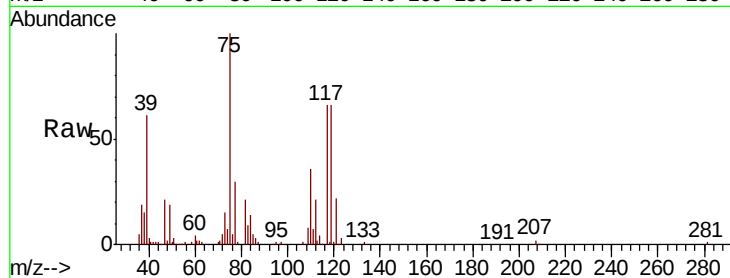
Delta R.T. -0.01 min

Lab File: VX016008.D

Acq: 01 May 2020 14:00

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	75	Resp:	80232
Ion	Ratio	Lower	Upper
75	100		
110	36.4	0.0	71.0
77	31.5	0.0	64.2



#30

2-Butanone

Concen: 96.543 ug/l

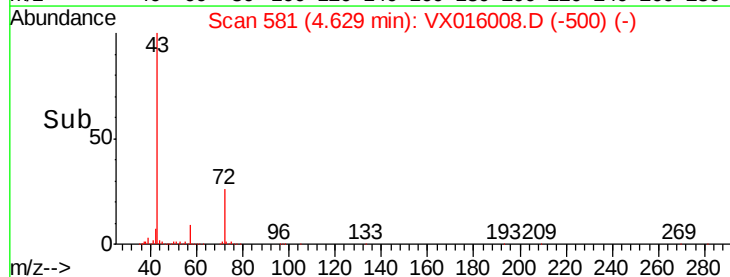
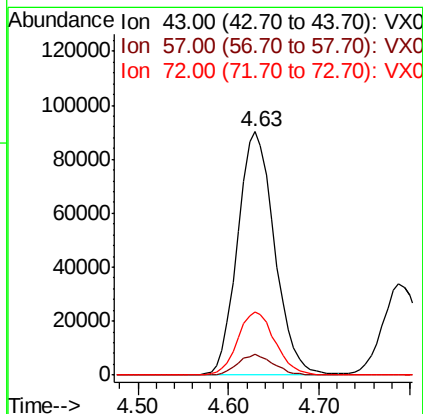
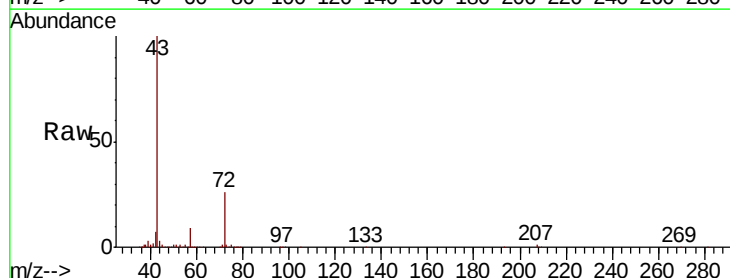
RT: 4.63 min Scan# 581

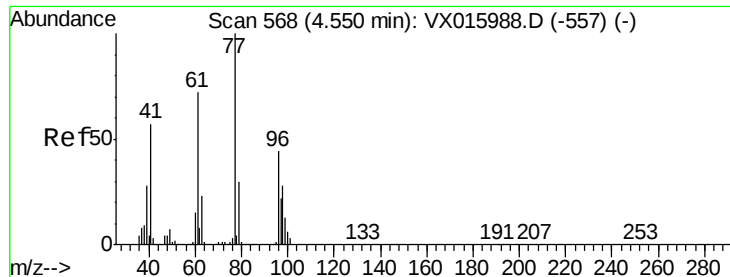
Delta R.T. -0.01 min

Lab File: VX016008.D

Acq: 01 May 2020 14:00

Tgt Ion:	43	Resp:	253756
Ion	Ratio	Lower	Upper
43	100		
57	8.3	6.3	9.5
72	26.3	20.8	31.2





#31

2,2-Dichloropropane

Concen: 17.425 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016008.D

Acq: 01 May 2020 14:00

Instrument :

MSVOA_X

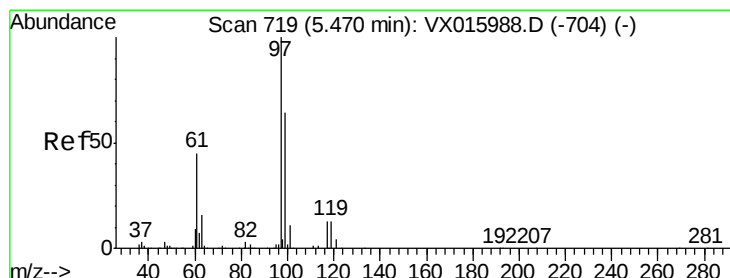
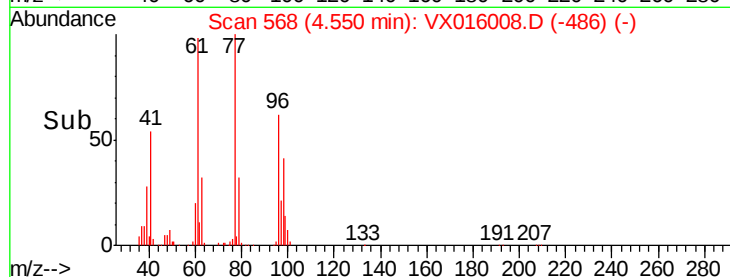
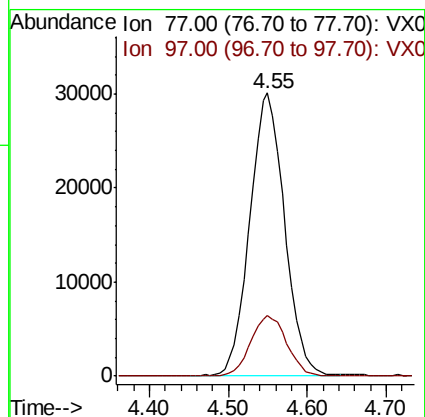
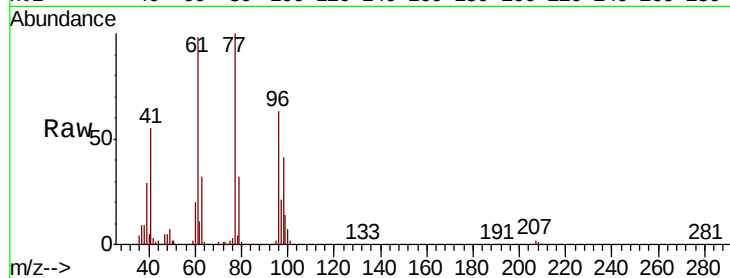
ClientSampleId :

Tot Ion: 77 Resp: 92502

Ion Ratio Lower Upper

77 100

97 22.0 17.8 26.8



#32

1,1,1-Trichloroethane

Concen: 17.993 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016008.D

Acq: 01 May 2020 14:00

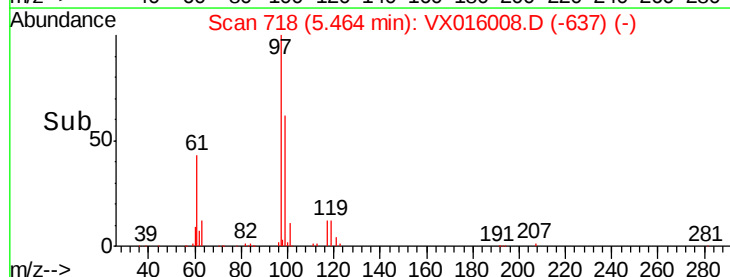
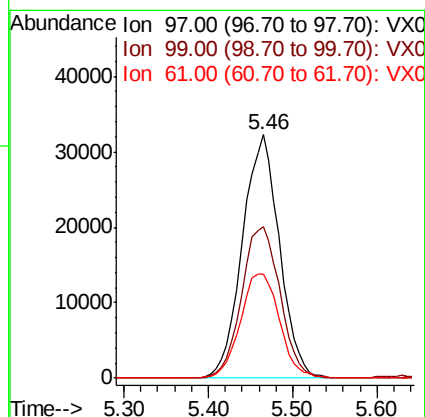
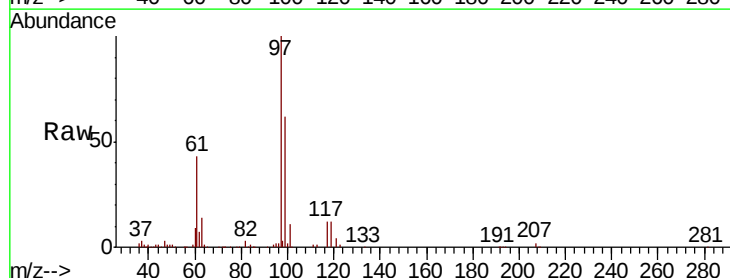
Tgt Ion: 97 Resp: 96280

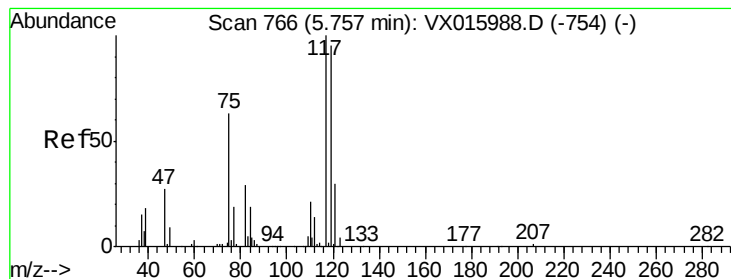
Ion Ratio Lower Upper

97 100

99 64.5 50.7 76.1

61 45.2 35.9 53.9





#33

Carbon Tetrachloride

Concen: 17.990 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX016008.D

Acq: 01 May 2020 14:00

Instrument :

MSVOA_X

ClientSampleId :

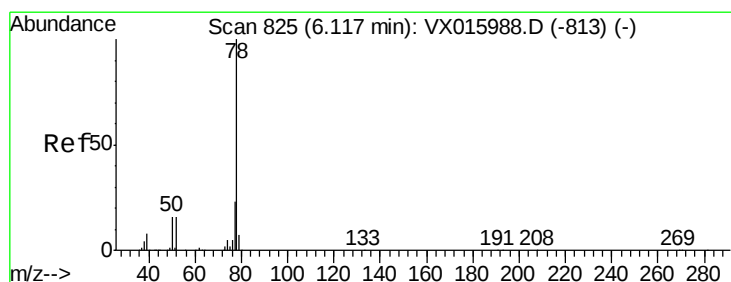
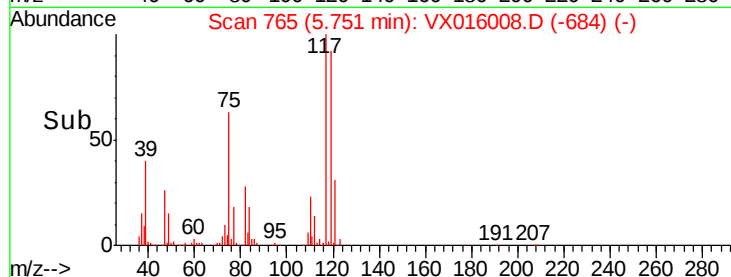
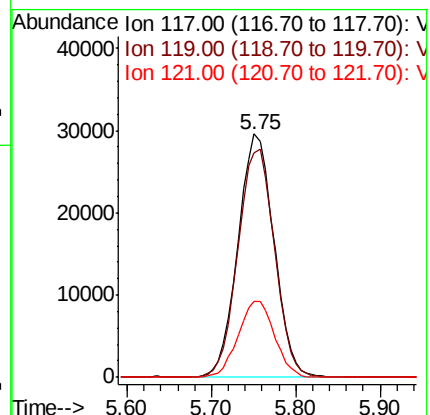
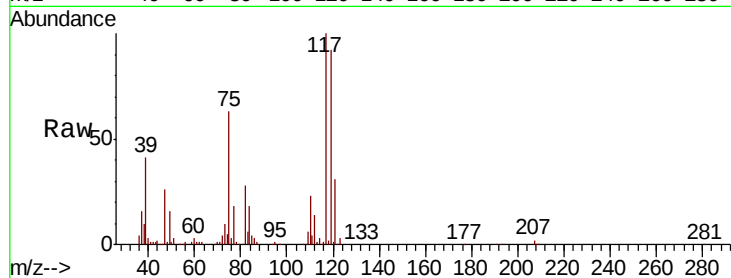
Tot Ion:117 Resp: 85712

Ion Ratio Lower Upper

117 100

119 92.2 76.3 114.5

121 31.0 24.2 36.4



#34

Benzene

Concen: 18.414 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

Lab File: VX016008.D

Acq: 01 May 2020 14:00

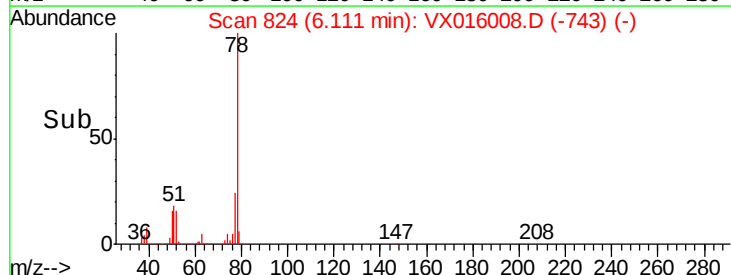
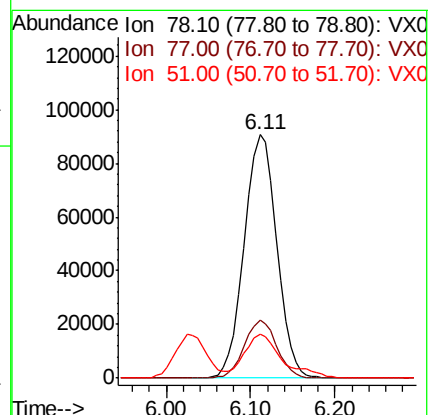
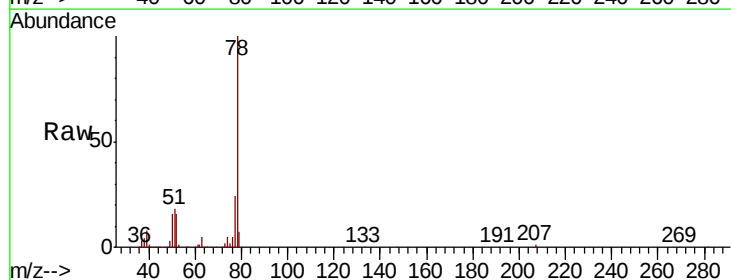
Tgt Ion: 78 Resp: 237246

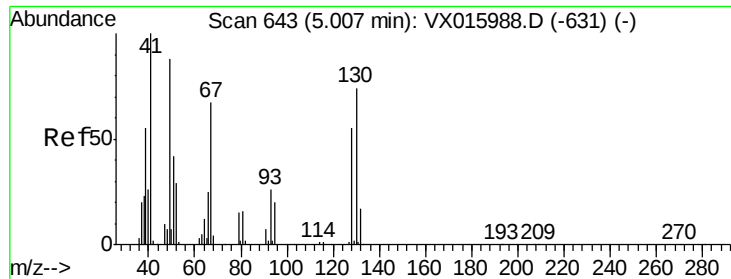
Ion Ratio Lower Upper

78 100

77 24.0 18.7 28.1

51 17.6 12.7 19.1

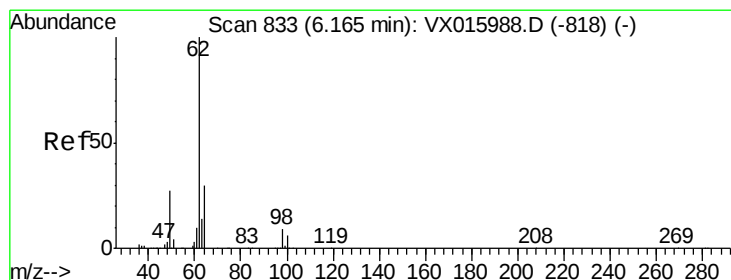
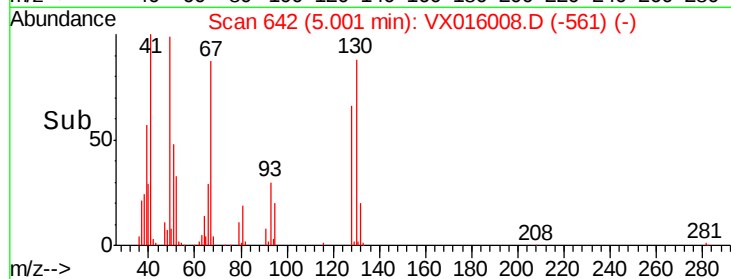
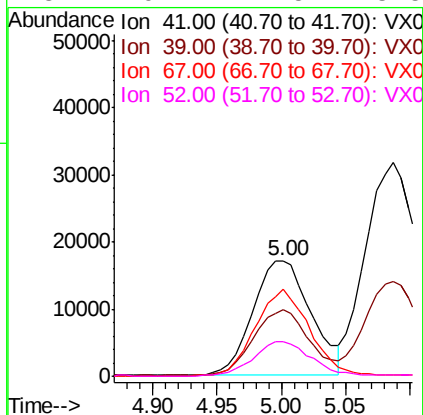
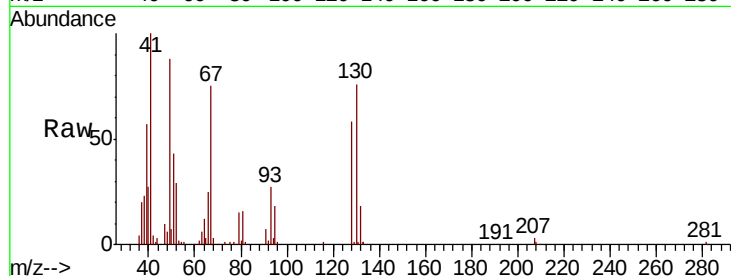




#35
Methacrylonitrile
Concen: 19.244 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016008.D
Acq: 01 May 2020 14:00

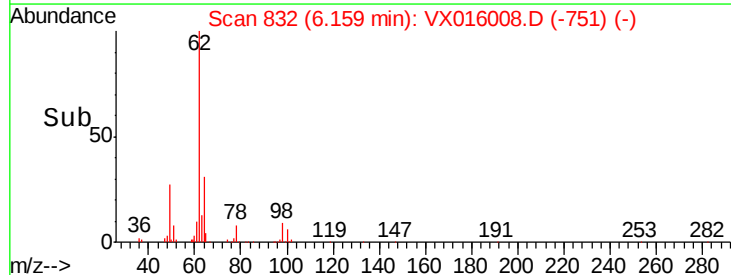
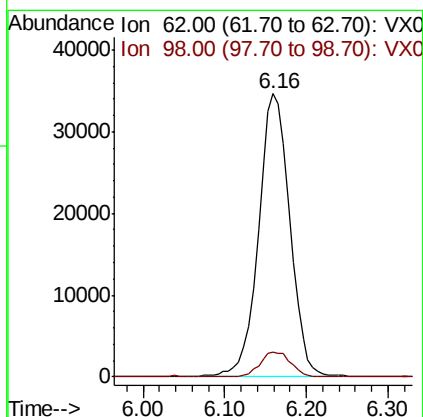
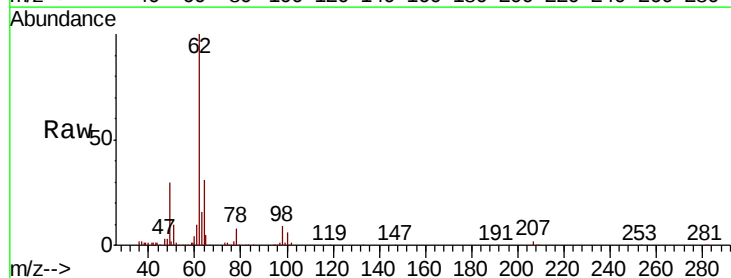
Instrument :
MSVOA_X
ClientSampled :

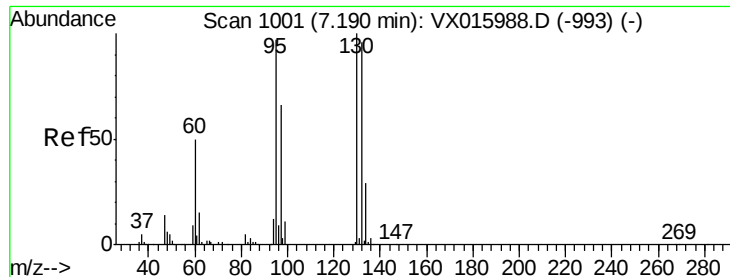
Tot Ion:	41	Resp:	53715
Ion	Ratio	Lower	Upper
41	100		
39	56.9	27.5	82.4
67	75.6	33.6	100.6
52	29.2	14.5	43.5



#36
1,2-Dichloroethane
Concen: 18.863 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016008.D
Acq: 01 May 2020 14:00

Tgt Ion:	62	Resp:	92812
Ion	Ratio	Lower	Upper
62	100		
98	8.6	7.4	11.2

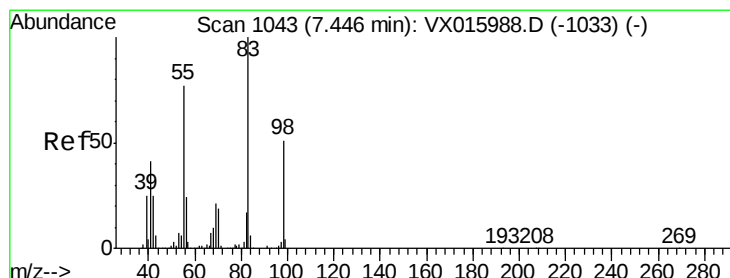
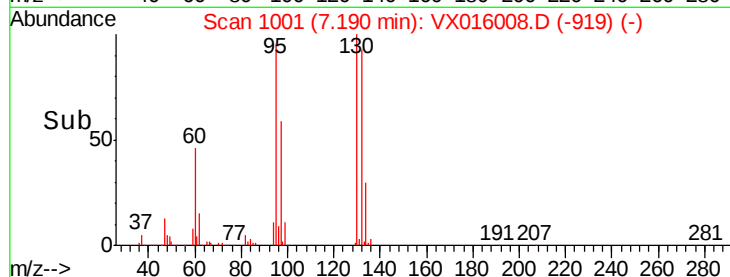
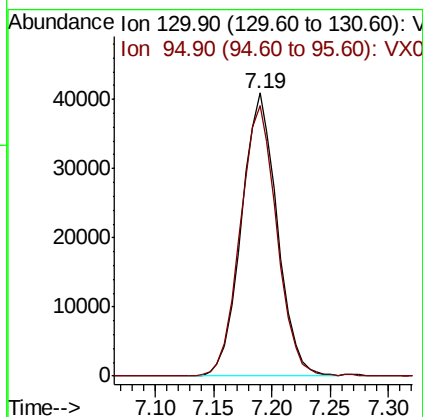
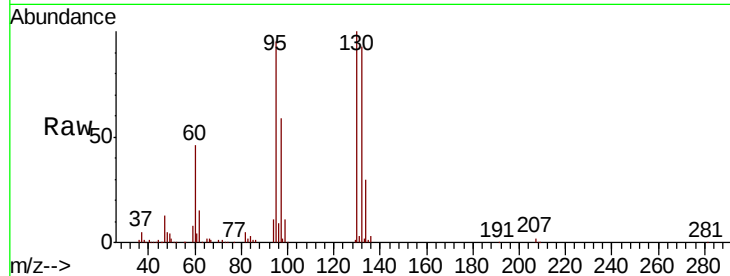




#37
 Trichloroethene
 Concen: 19.080 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016008.D
 Acq: 01 May 2020 14:00

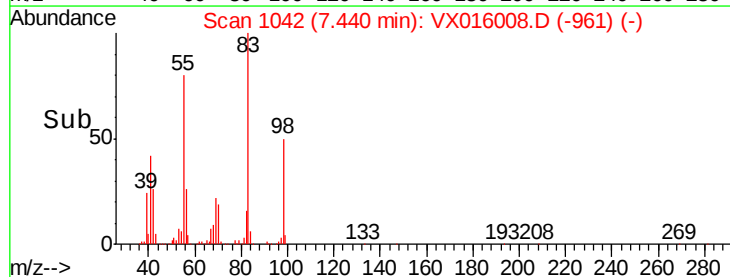
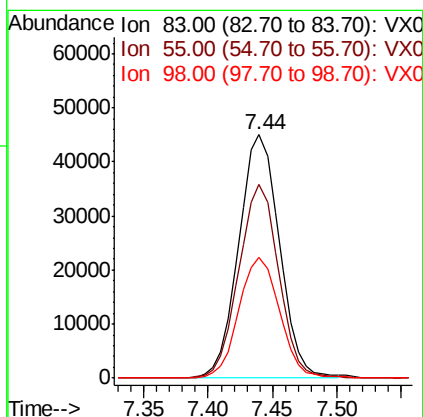
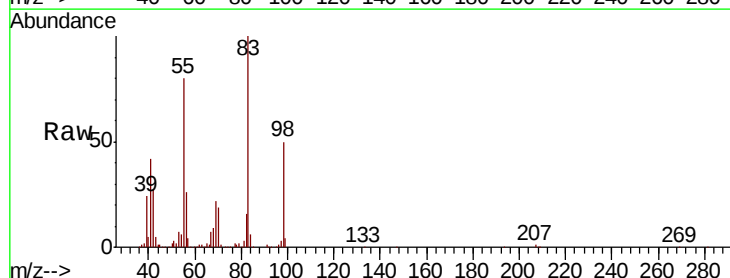
Instrument :
 MSVOA_X
 ClientSampled :

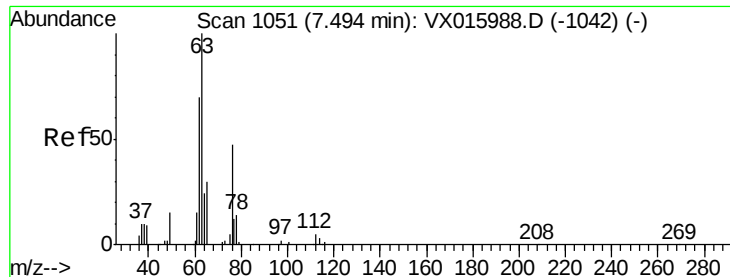
Tot Ion:130 Resp: 87453
 Ion Ratio Lower Upper
 130 100
 95 95.4 77.8 116.8



#38
 Methylcyclohexane
 Concen: 18.312 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX016008.D
 Acq: 01 May 2020 14:00

Tgt Ion: 83 Resp: 98717
 Ion Ratio Lower Upper
 83 100
 55 78.0 38.8 116.4
 98 50.0 25.1 75.3

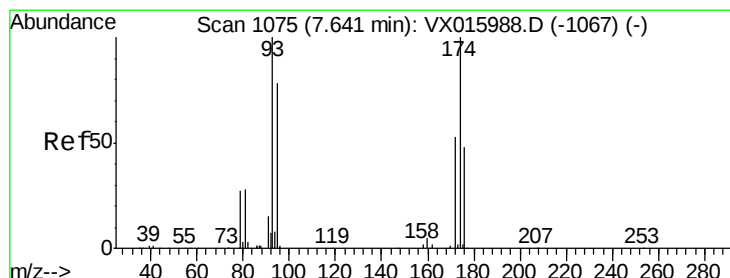
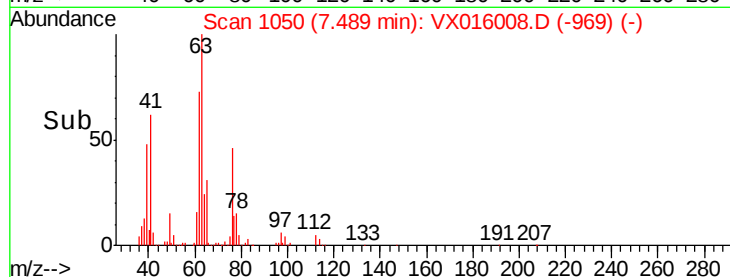
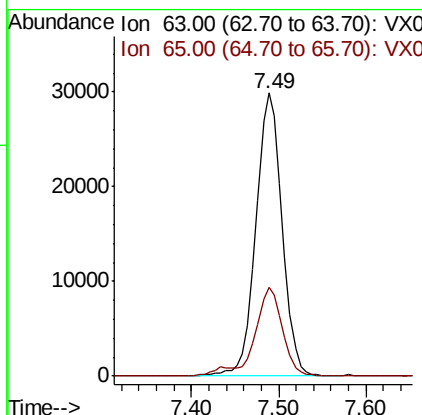
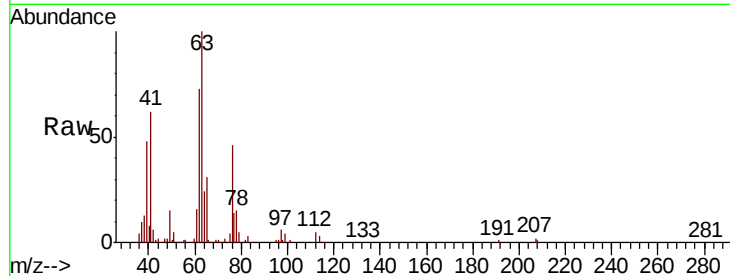




#39
 1,2-Dichloropropane
 Concen: 18.738 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX016008.D
 Acq: 01 May 2020 14:00

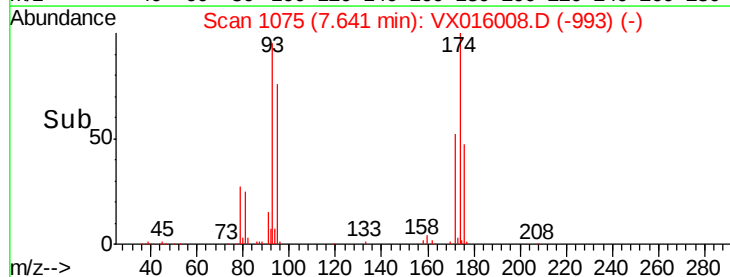
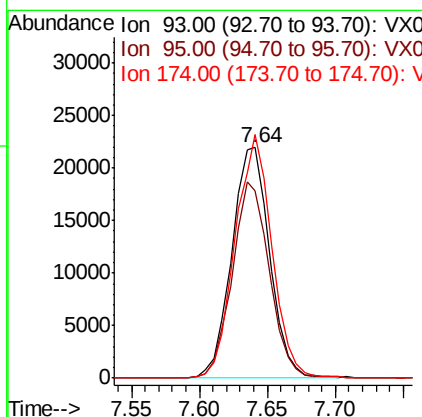
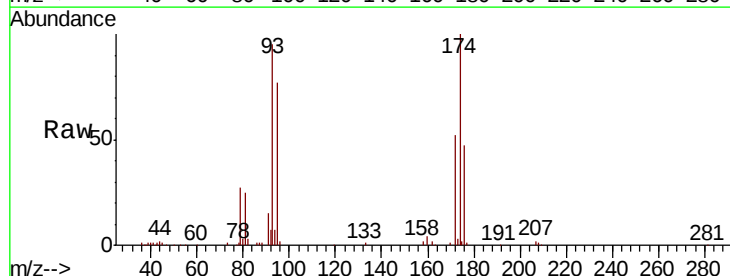
Instrument :
 MSVOA_X
 ClientSampleId :

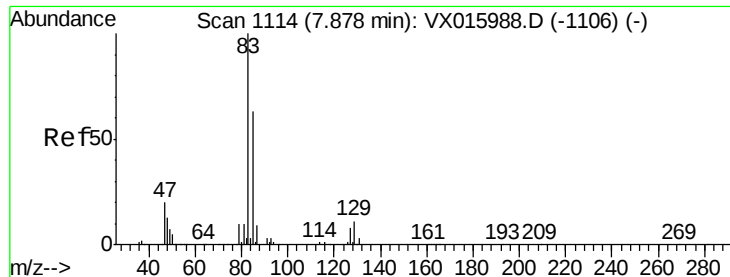
Tot Ion: 63 Resp: 61973
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.9 38.9



#40
 Dibromomethane
 Concen: 18.604 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX016008.D
 Acq: 01 May 2020 14:00

Tgt Ion: 93 Resp: 42725
 Ion Ratio Lower Upper
 93 100
 95 83.2 0.0 162.8
 174 102.5 0.0 204.0





#41

Bromodichloromethane

Concen: 18.095 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016008.D

Acq: 01 May 2020 14:00

Instrument :

MSVOA_X

ClientSampleId :

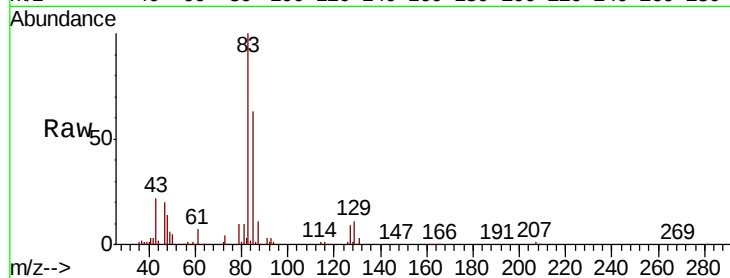
Tot Ion: 83 Resp: 85670

Ion Ratio Lower Upper

83 100

85 62.8 50.4 75.6

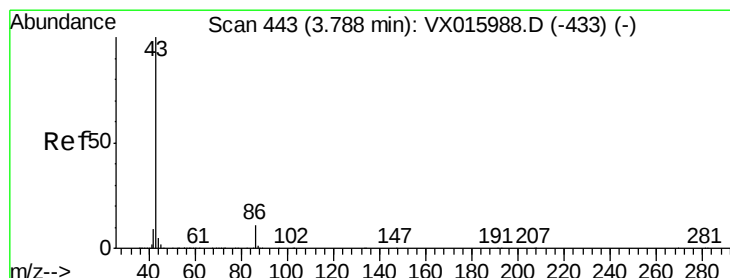
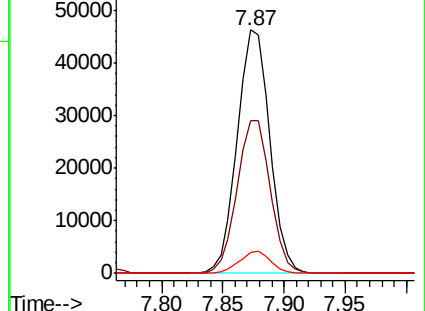
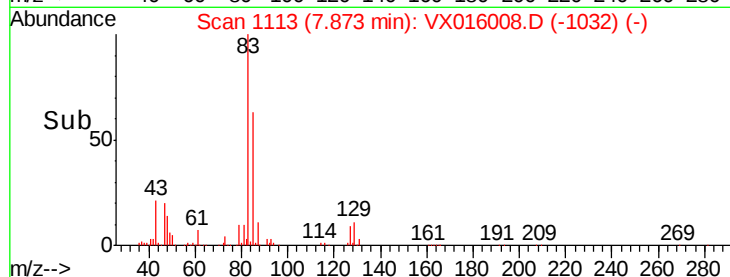
127 8.6 6.7 10.1



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: 93.547 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016008.D

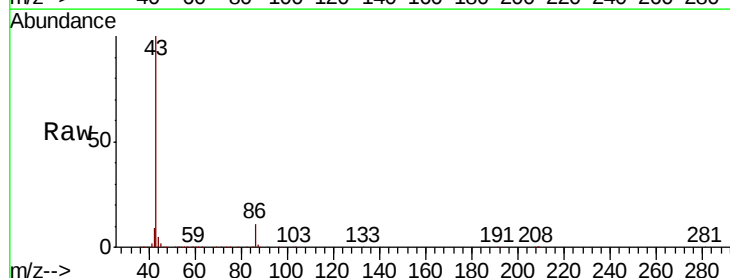
Acq: 01 May 2020 14:00

Tgt Ion: 43 Resp: 813462

Ion Ratio Lower Upper

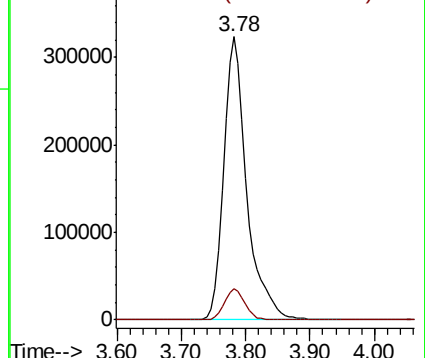
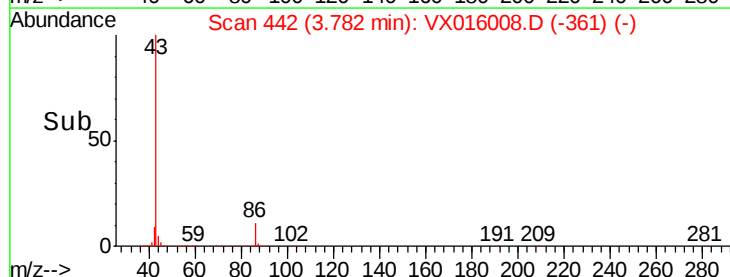
43 100

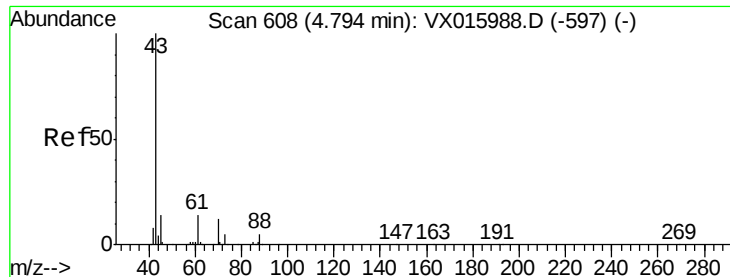
86 9.7 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

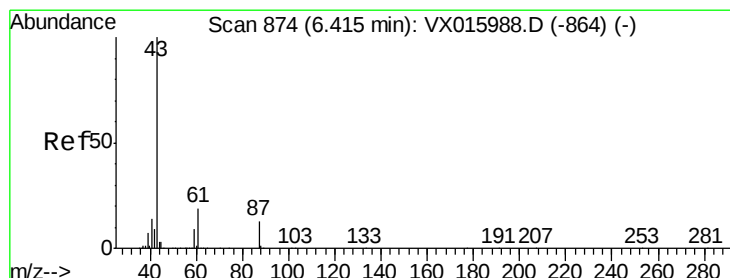
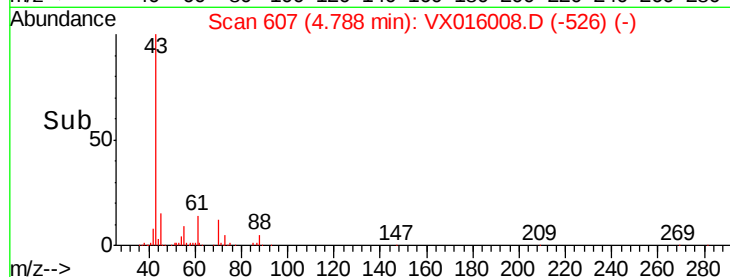
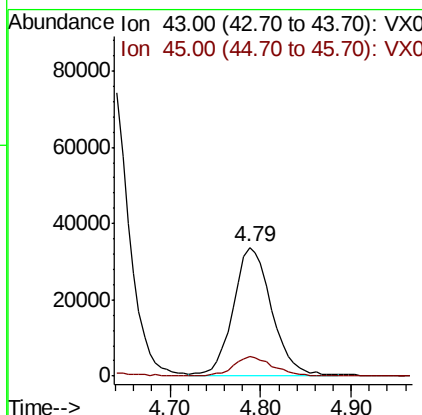
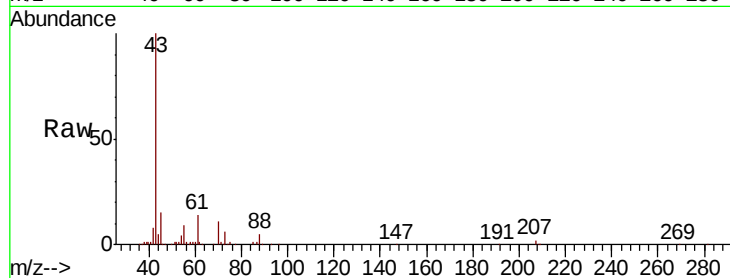




#43
Ethyl Acetate
Concen: 18.975 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016008.D
Acq: 01 May 2020 14:00

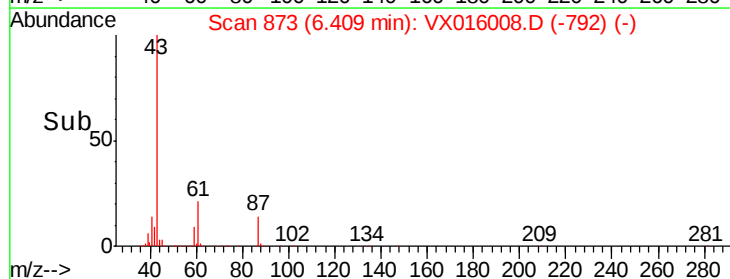
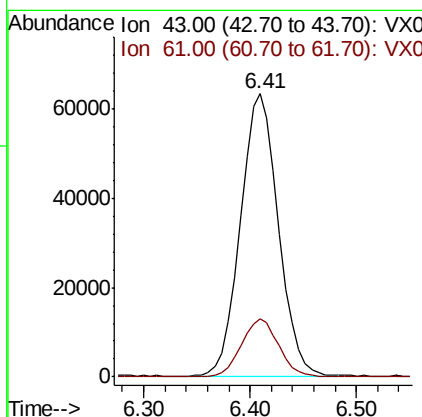
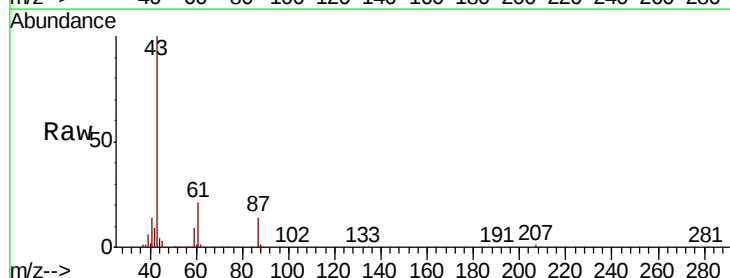
Instrument :
MSVOA_X
ClientSampleId :

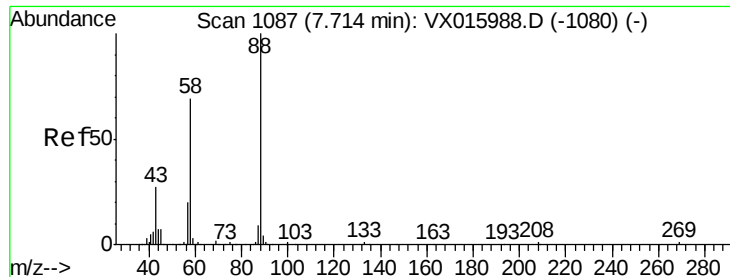
Tot Ion: 43 Resp: 98380
Ion Ratio Lower Upper
43 100
45 15.5 11.9 17.9



#44
Isopropyl Acetate
Concen: 18.768 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX016008.D
Acq: 01 May 2020 14:00

Tgt Ion: 43 Resp: 157911
Ion Ratio Lower Upper
43 100
61 20.3 16.1 24.1





#45

1,4-Dioxane

Concen: 386.222 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX016008.D

Acq: 01 May 2020 14:00

Instrument :

MSVOA_X

ClientSampled :

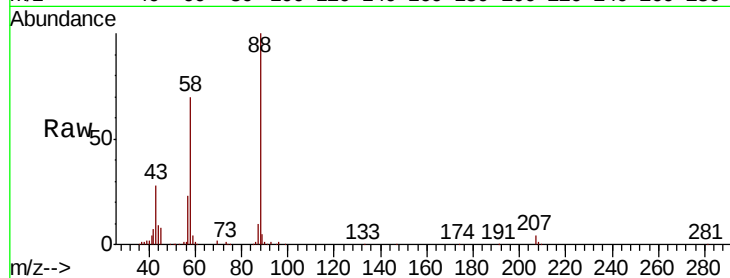
Tot Ion: 88 Resp: 34325

Ion Ratio Lower Upper

88 100

43 32.4 26.3 39.5

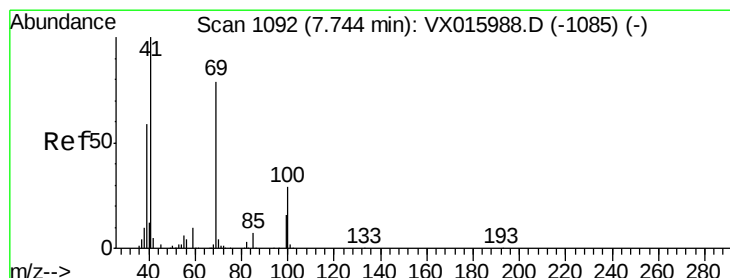
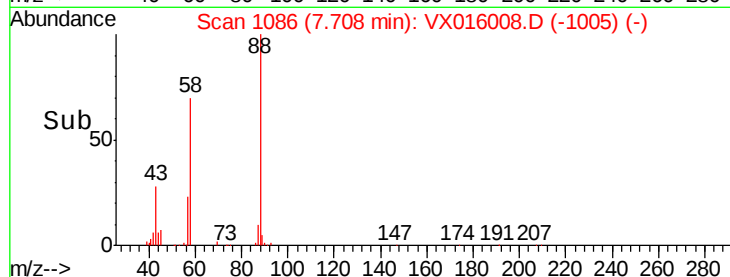
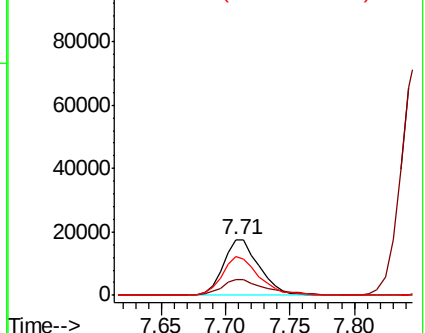
58 70.6 57.0 85.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 18.622 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX016008.D

Acq: 01 May 2020 14:00

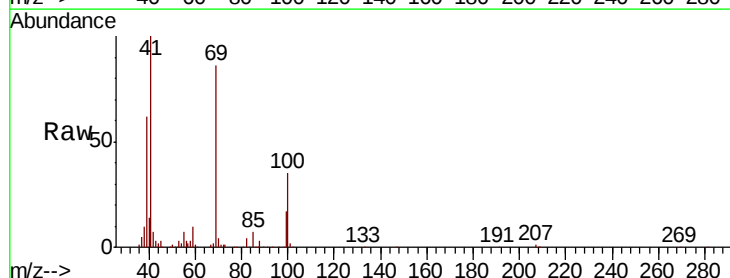
Tgt Ion: 41 Resp: 74278

Ion Ratio Lower Upper

41 100

69 85.9 39.5 118.5

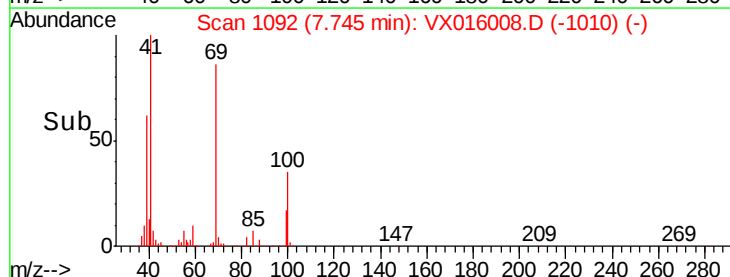
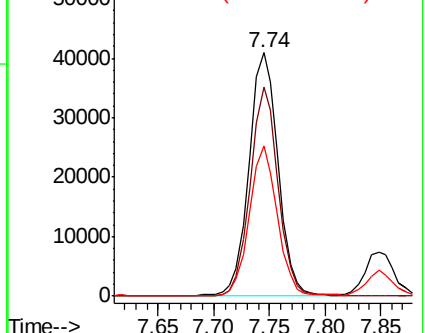
39 61.5 29.6 88.9

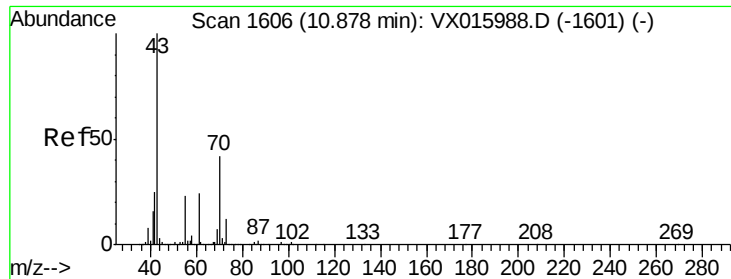


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 17.928 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016008.D

Acq: 01 May 2020 14:00

Instrument :

MSVOA_X

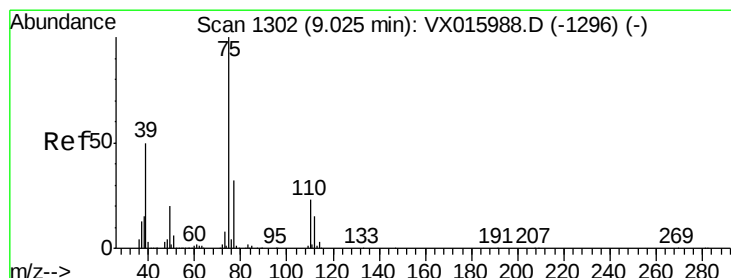
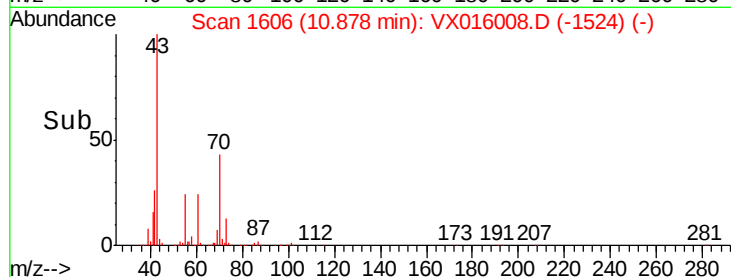
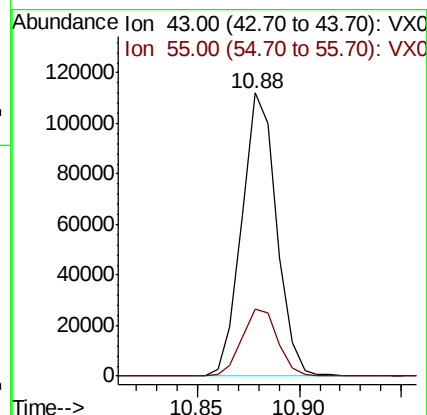
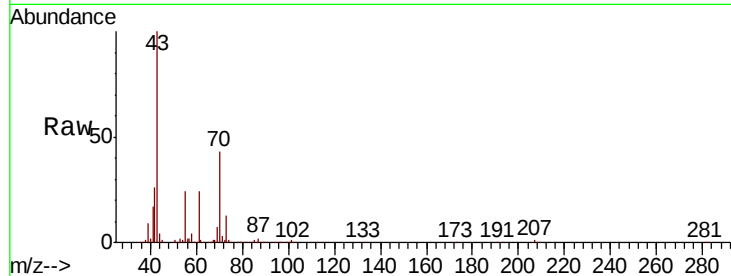
ClientSampleId :

Tot Ion: 43 Resp: 131899

Ion Ratio Lower Upper

43 100

55 24.6 19.0 28.4



#48

t-1,3-Dichloropropene

Concen: 18.281 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016008.D

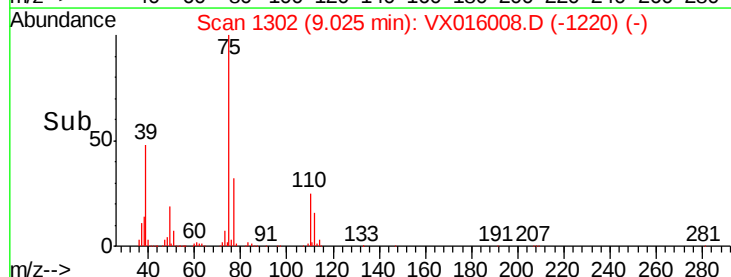
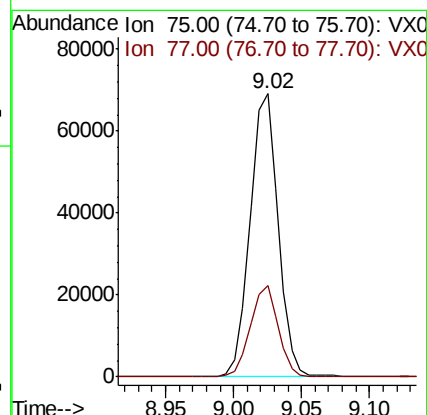
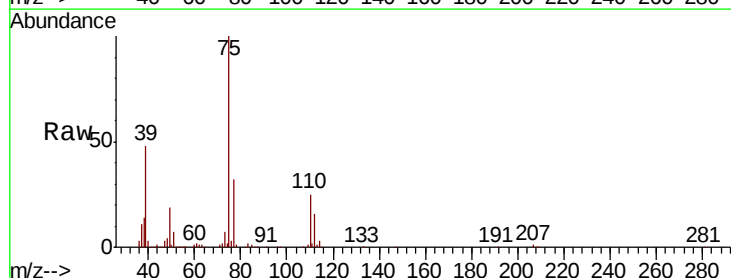
Acq: 01 May 2020 14:00

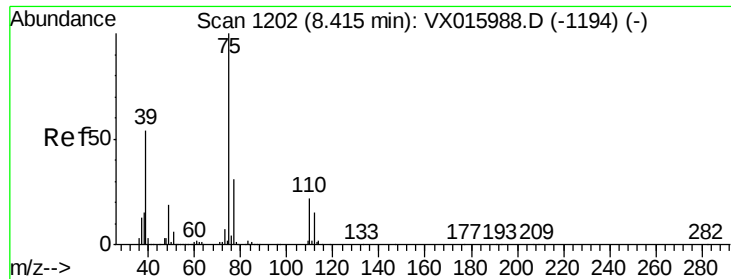
Tgt Ion: 75 Resp: 100505

Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.8



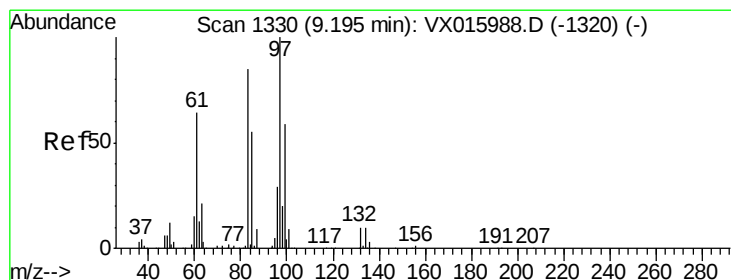
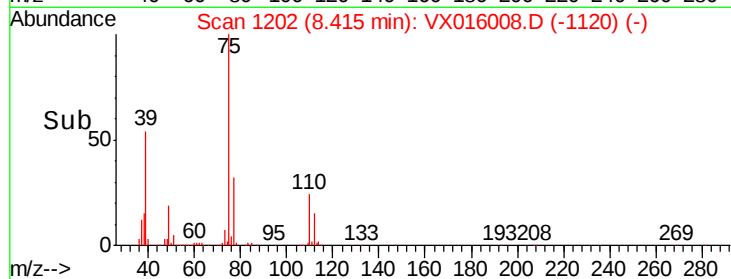
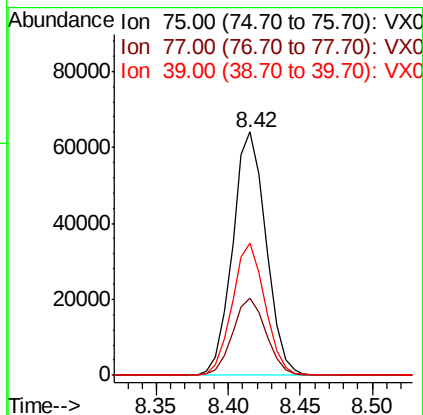
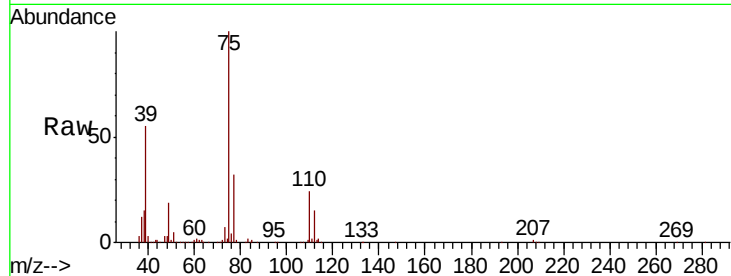


#49

cis-1,3-Dichloropropene
 Concen: 18.320 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX016008.D
 Acq: 01 May 2020 14:00

Instrument :
 MSVOA_X
 ClientSampleId :

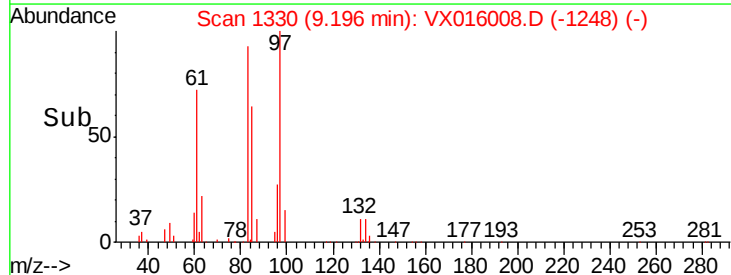
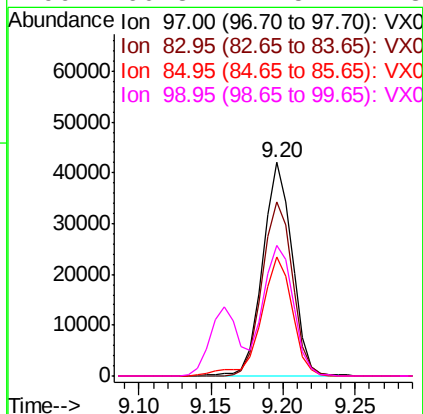
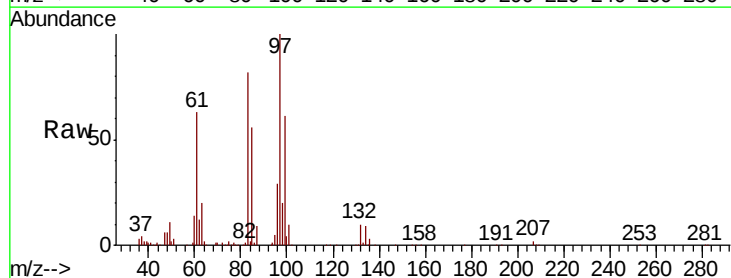
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.0	37.6
39	54.6	43.2	64.8

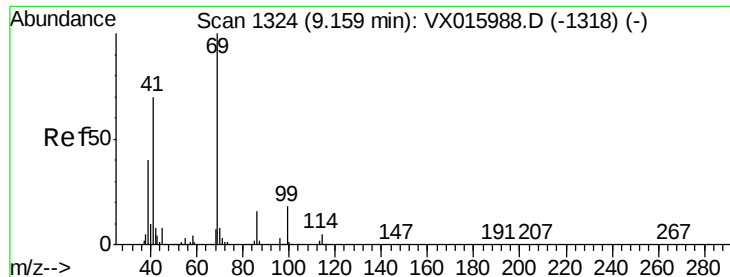


#50

1,1,2-Trichloroethane
 Concen: 18.381 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016008.D
 Acq: 01 May 2020 14:00

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.7	67.7	101.5
85	55.5	43.7	65.5
99	60.8	47.5	71.3





#51

Ethyl methacrylate

Concen: 18.419 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX016008.D

Acq: 01 May 2020 14:00

Instrument :
MSVOA_X
ClientSampleId :

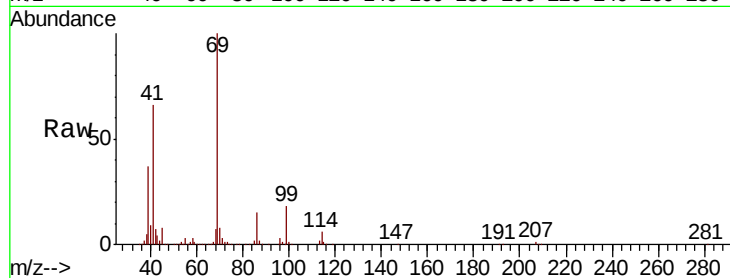
Tot Ion: 69 Resp: 98433

Ion Ratio Lower Upper

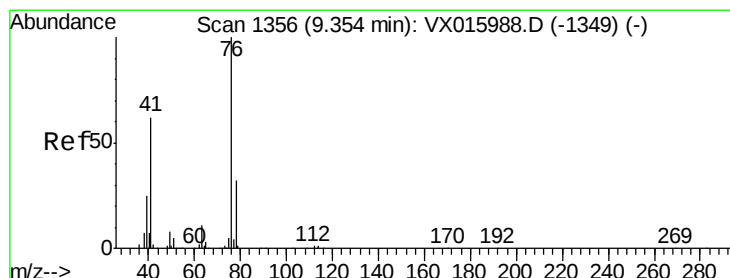
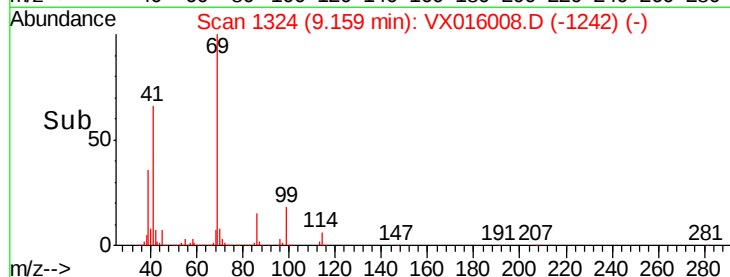
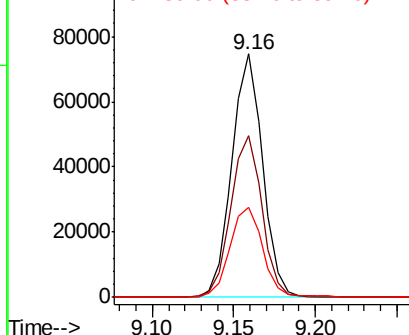
69 100

41 66.1 34.8 104.4

39 36.6 19.8 59.4



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: 19.003 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016008.D

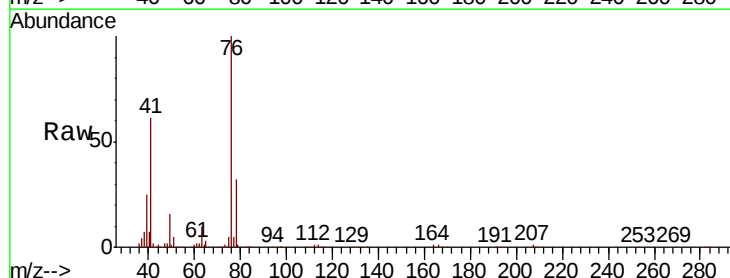
Acq: 01 May 2020 14:00

Tgt Ion: 76 Resp: 106311

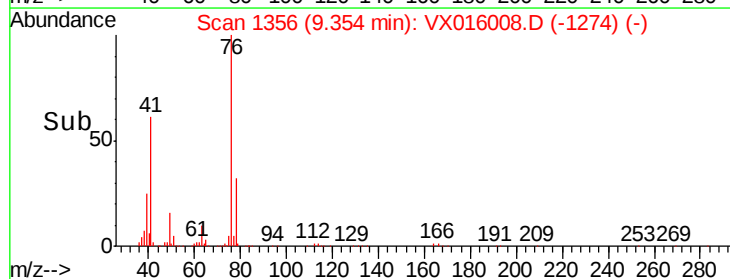
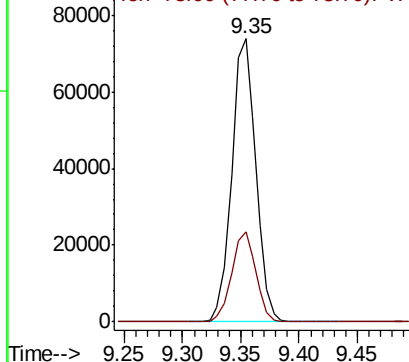
Ion Ratio Lower Upper

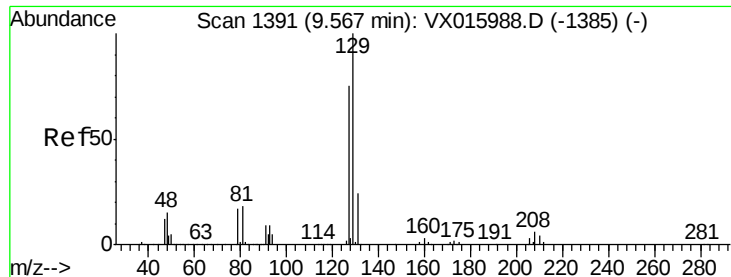
76 100

78 31.7 0.0 64.2



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0

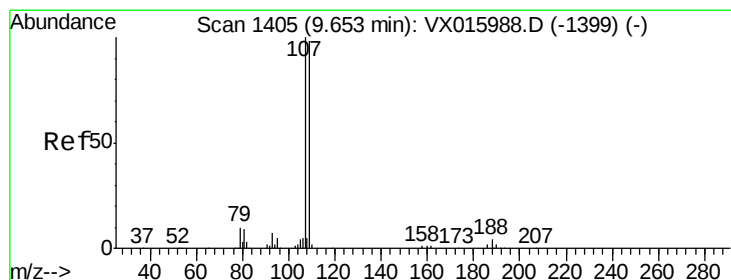
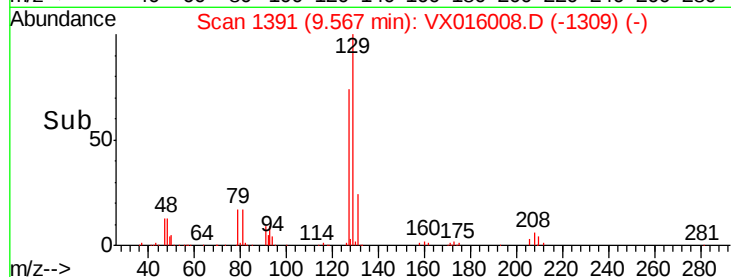
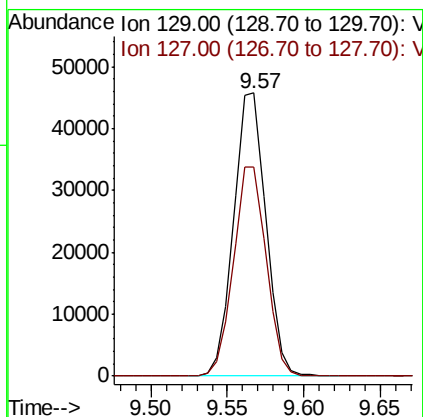
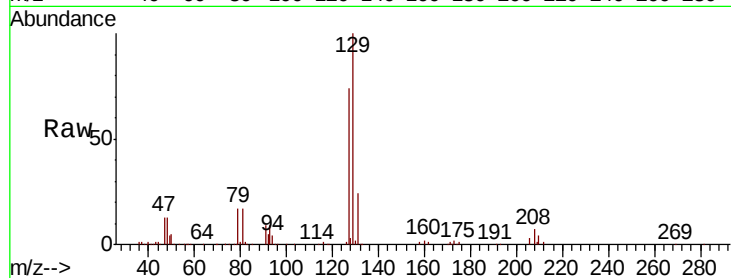




#53
 Dibromochloromethane
 Concen: 18.150 ug/l
 RT: 9.57 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX016008.D
 Acq: 01 May 2020 14:00

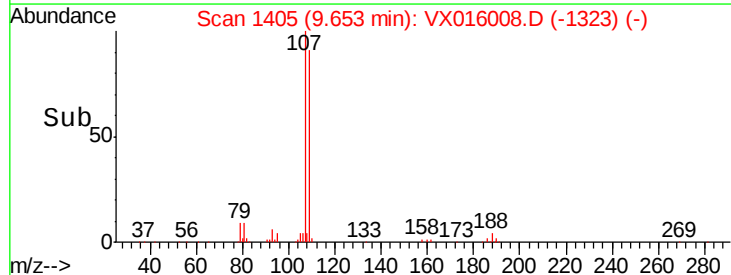
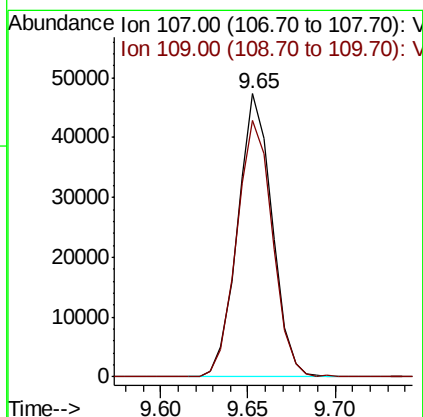
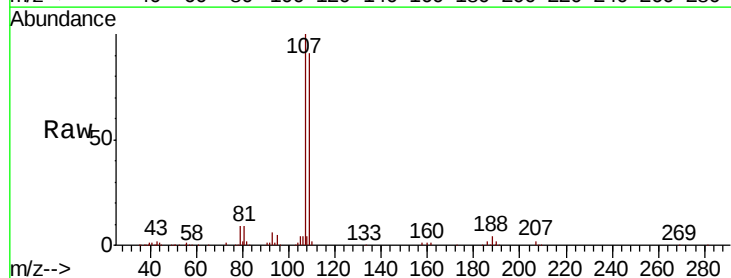
Instrument :
 MSVOA_X
 ClientSampleId :

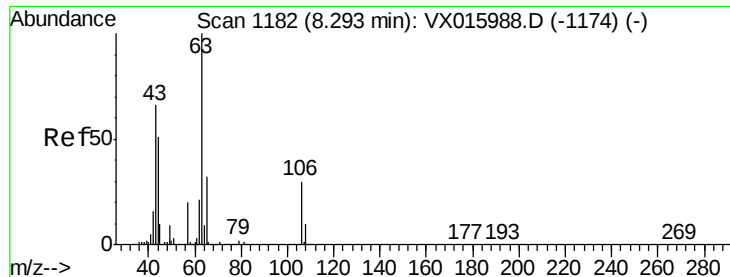
Tot Ion:129 Resp: 66827
 Ion Ratio Lower Upper
 129 100
 127 75.0 38.3 114.9



#54
 1,2-Dibromoethane
 Concen: 18.182 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX016008.D
 Acq: 01 May 2020 14:00

Tgt Ion:107 Resp: 64671
 Ion Ratio Lower Upper
 107 100
 109 94.3 74.7 112.1

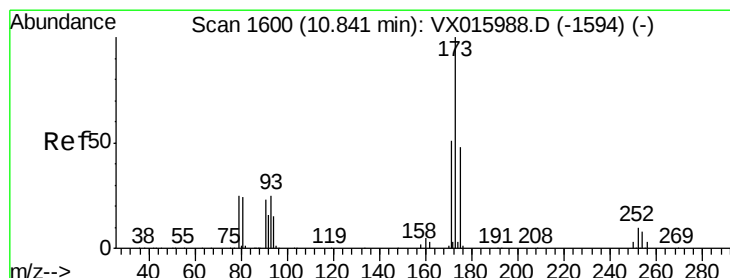
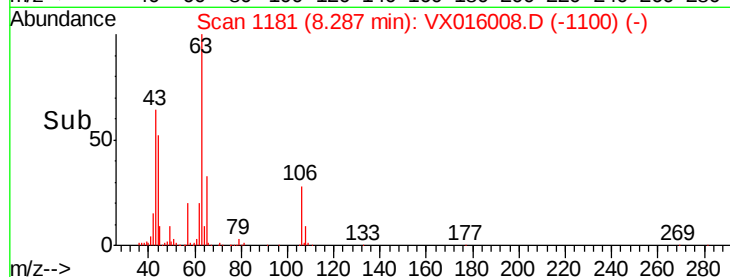
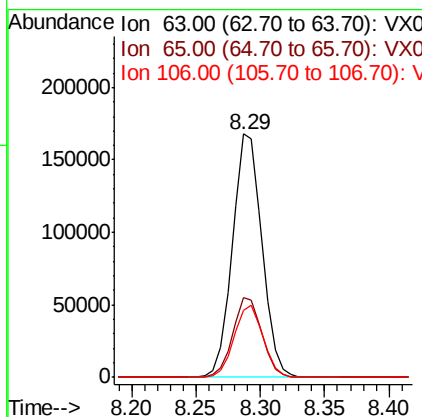
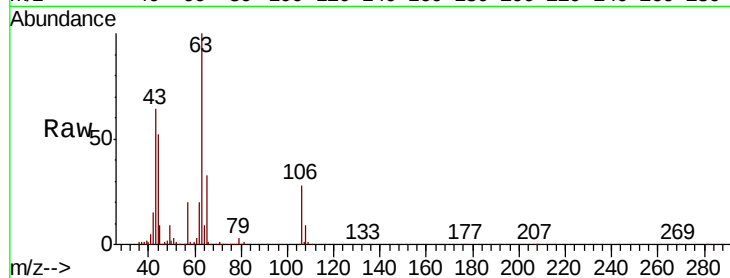




#55
2-Chloroethyl vinyl ether
Concen: 92.093 ug/l
RT: 8.29 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VX016008.D
Acq: 01 May 2020 14:00

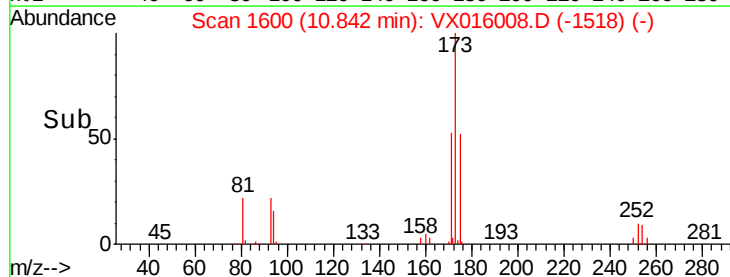
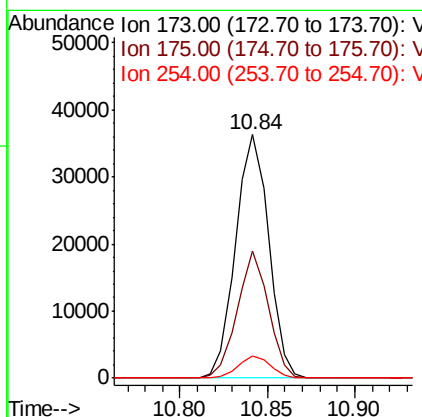
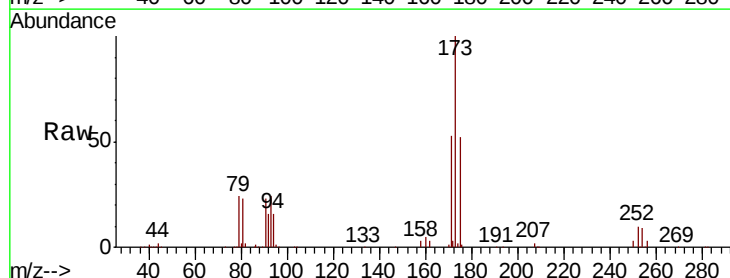
Instrument :
MSVOA_X
ClientSampleId :

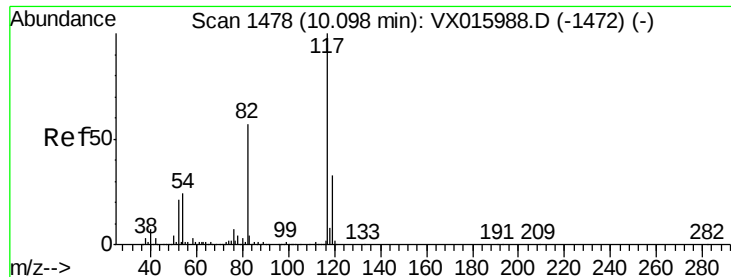
Tot Ion: 63 Resp: 267747
Ion Ratio Lower Upper
63 100
65 32.3 25.6 38.4
106 29.0 23.4 35.0



#56
Bromoform
Concen: 17.327 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX016008.D
Acq: 01 May 2020 14:00

Tgt Ion: 173 Resp: 48070
Ion Ratio Lower Upper
173 100
175 49.1 38.0 57.0
254 9.1 6.8 10.2

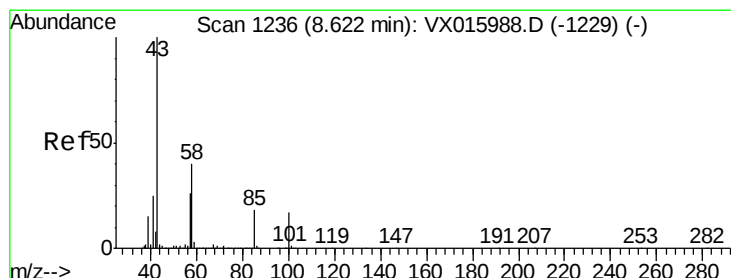
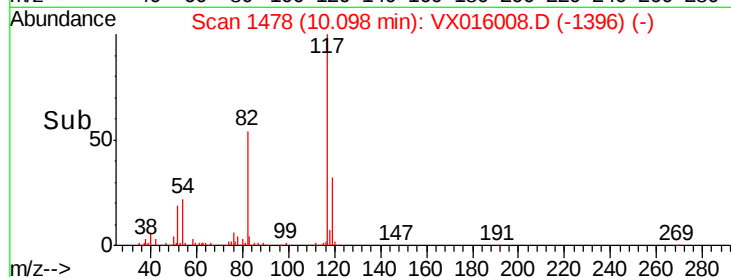
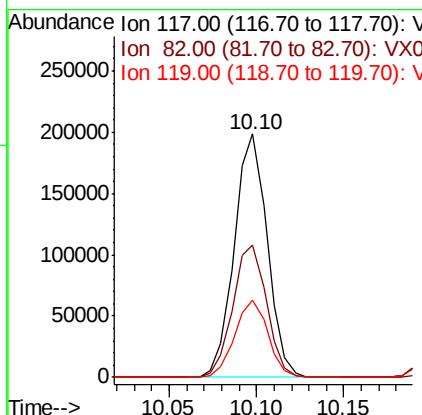
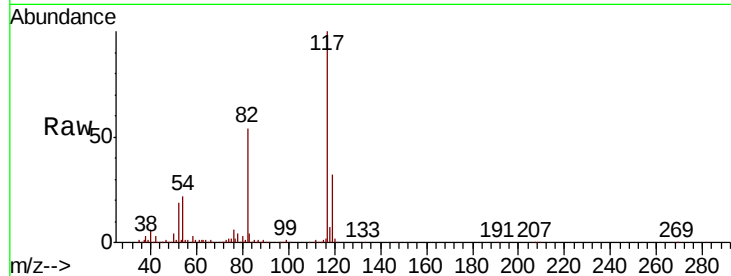




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016008.D
Acq: 01 May 2020 14:00

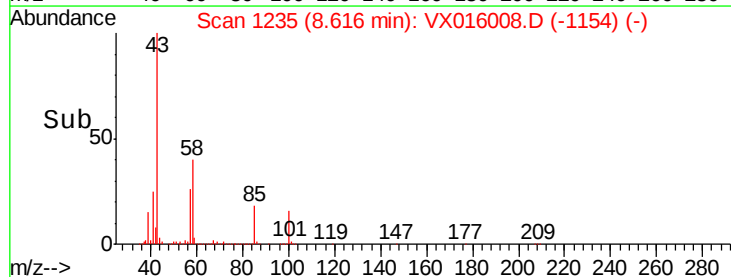
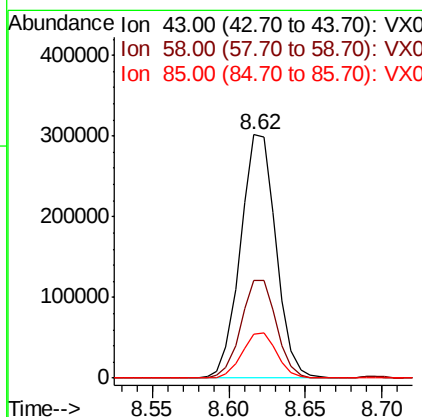
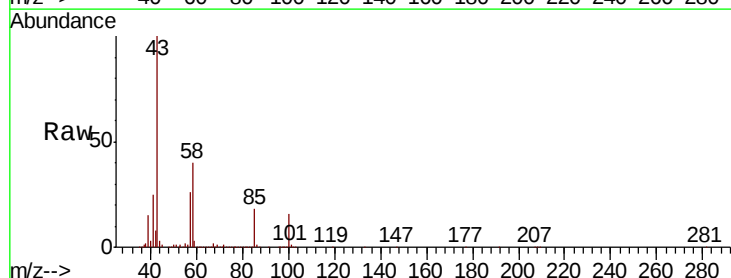
Instrument :
MSVOA_X
ClientSampleId :

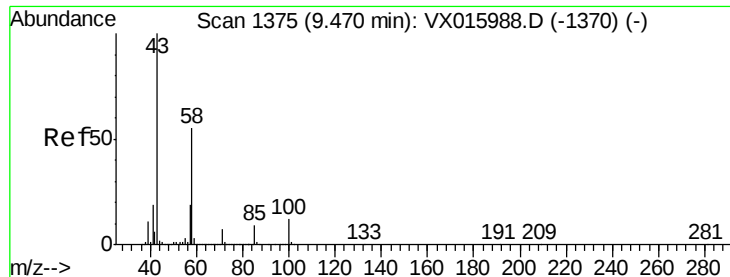
Tot Ion:117 Resp: 260458
Ion Ratio Lower Upper
117 100
82 55.8 45.1 67.7
119 31.9 25.6 38.4



#58
4-Methyl-2-Pentanone
Concen: 94.320 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX016008.D
Acq: 01 May 2020 14:00

Tgt Ion: 43 Resp: 484454
Ion Ratio Lower Upper
43 100
58 40.1 31.8 47.6
85 18.4 14.5 21.7

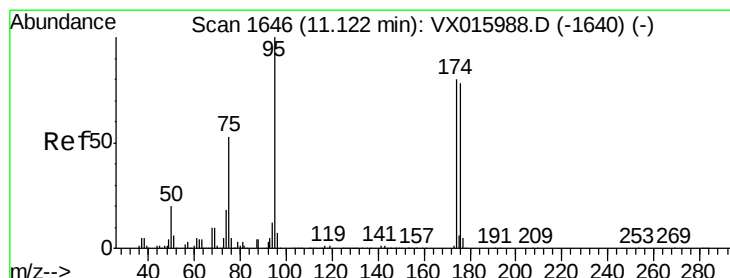
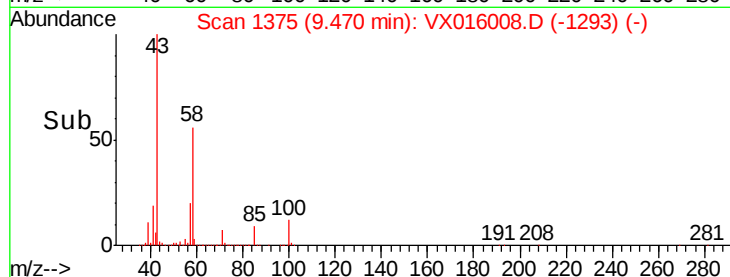
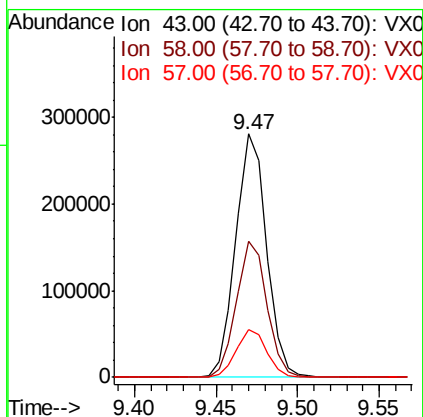
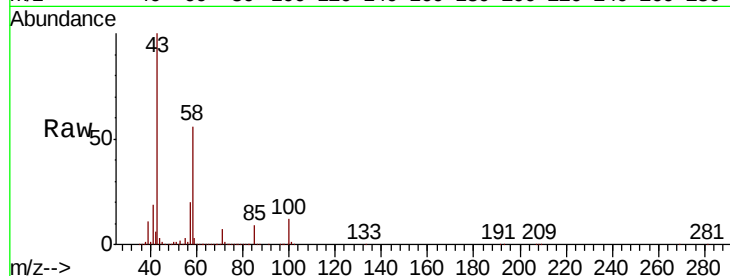




#59
2-Hexanone
Concen: 93.432 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016008.D
Acq: 01 May 2020 14:00

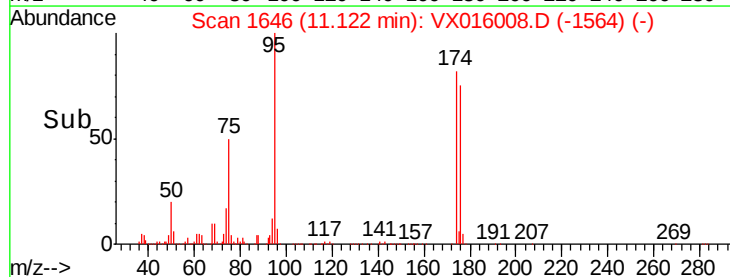
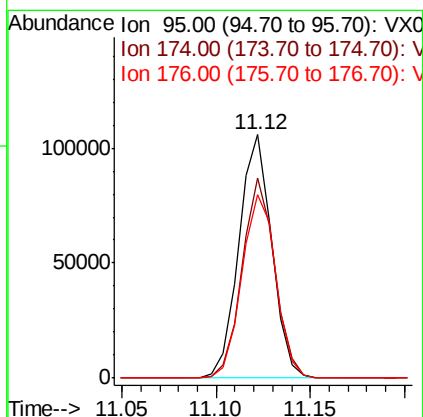
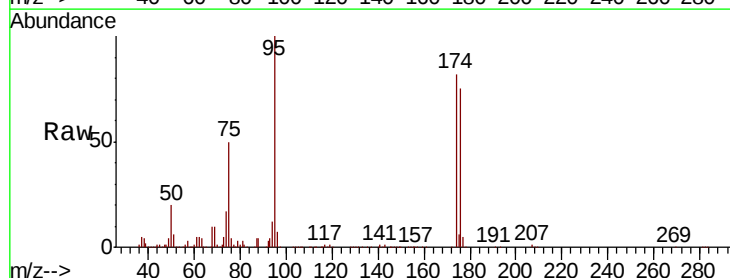
Instrument :
MSVOA_X
ClientSampleId :

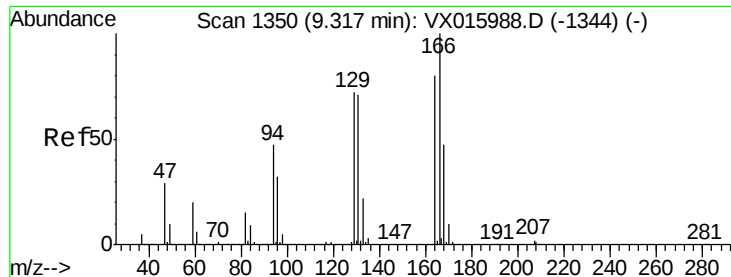
Tot Ion: 43 Resp: 370683
Ion Ratio Lower Upper
43 100
58 55.5 44.0 66.0
57 19.7 15.5 23.3



#60
4-Bromofluorobenzene
Concen: 29.315 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016008.D
Acq: 01 May 2020 14:00

Tgt Ion: 95 Resp: 128044
Ion Ratio Lower Upper
95 100
174 81.2 64.8 97.2
176 77.8 62.4 93.6





#61

Tetrachloroethene

Concen: 18.380 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX016008.D

Acq: 01 May 2020 14:00

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 94697

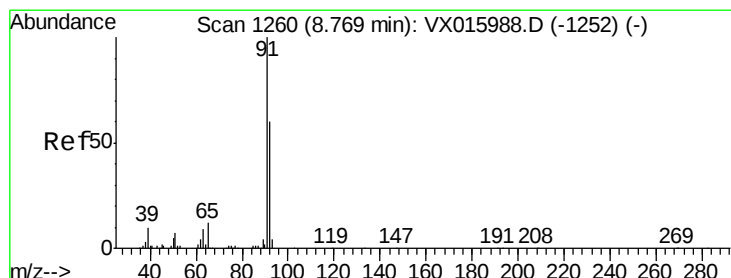
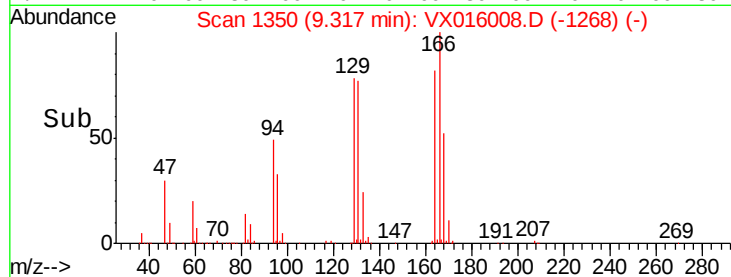
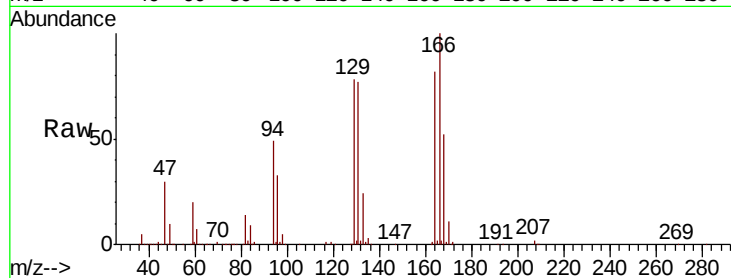
Ion	Ratio	Lower	Upper
164	100		
166	122.3	100.1	150.1
129	95.5	72.2	108.4
131	94.2	71.3	106.9

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: 18.357 ug/l

RT: 8.76 min Scan# 1259

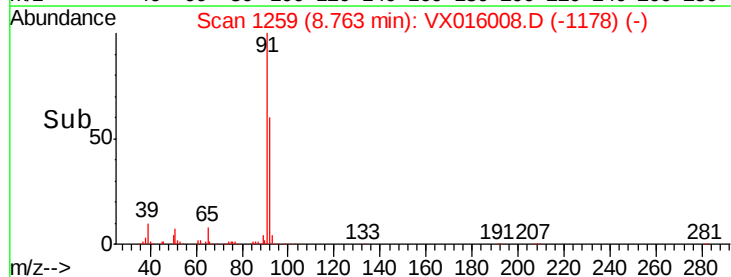
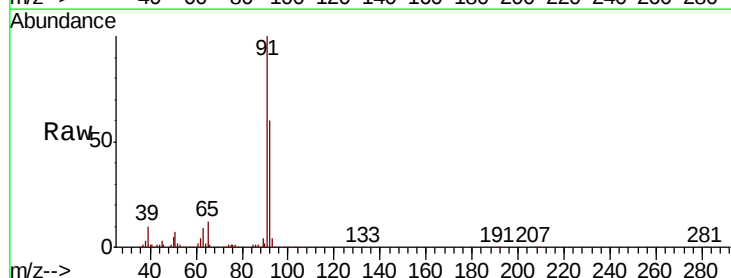
Delta R.T. -0.01 min

Lab File: VX016008.D

Acq: 01 May 2020 14:00

Tgt Ion: 91 Resp: 255436

Ion	Ratio	Lower	Upper
91	100		
92	58.7	47.2	70.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0



#63

Toluene-d8

Concen: 29.726 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016008.D

Acq: 01 May 2020 14:00

Instrument :

MSVOA_X

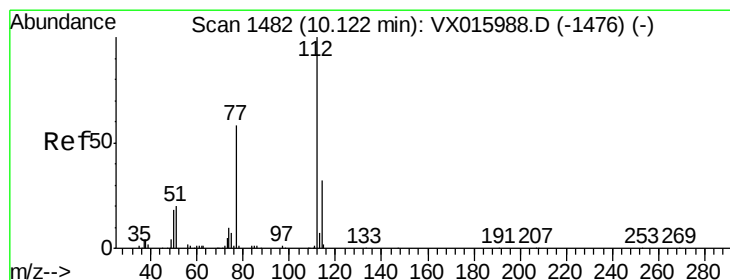
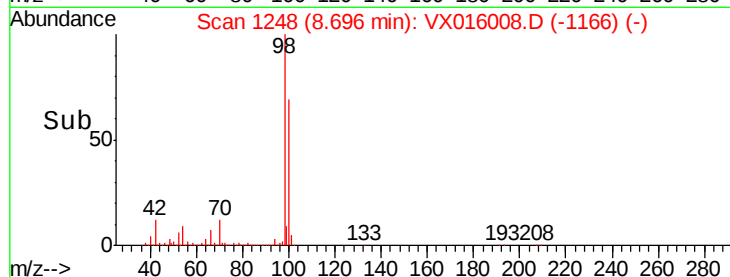
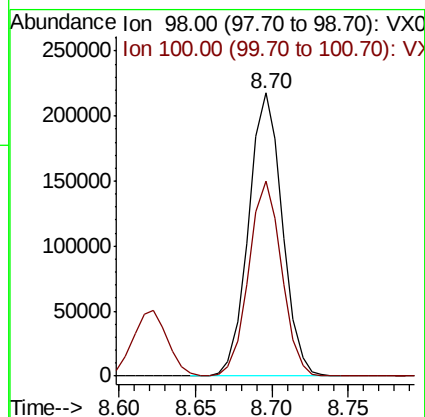
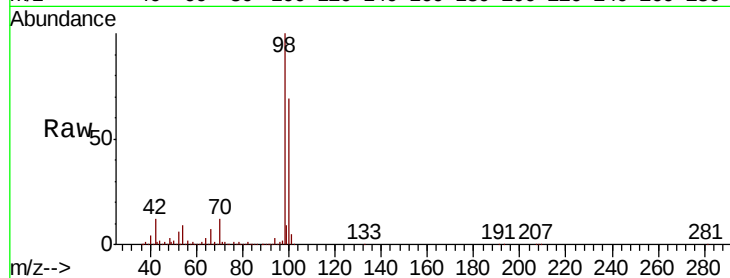
ClientSampleId :

Tot Ion: 98 Resp: 332134

Ion Ratio Lower Upper

98 100

100 67.6 52.5 78.7



#64

Chlorobenzene

Concen: 17.896 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016008.D

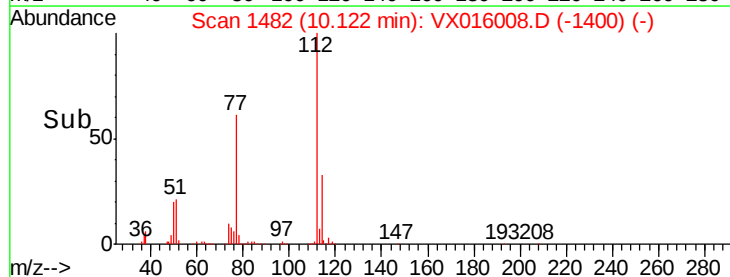
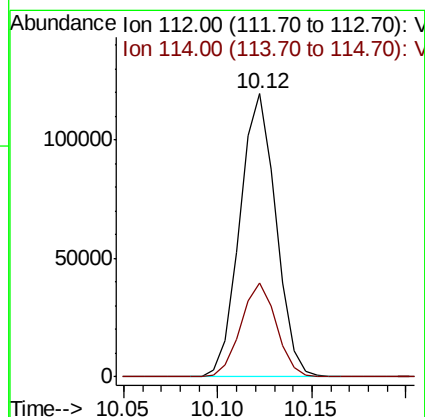
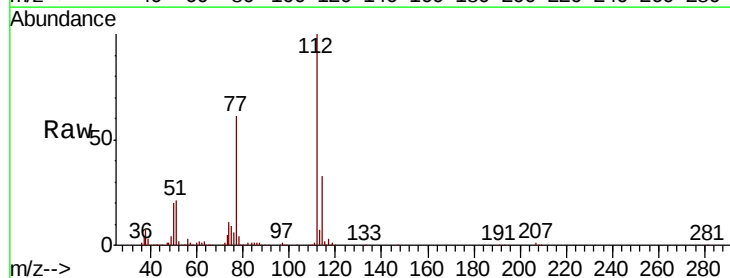
Acq: 01 May 2020 14:00

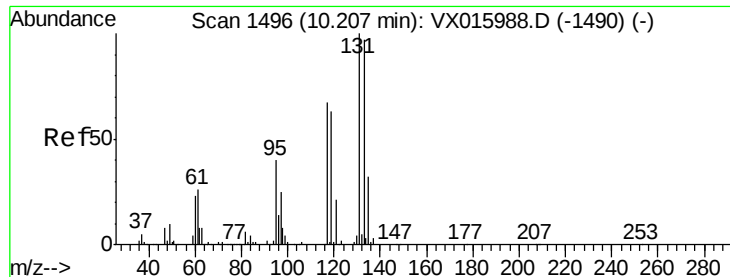
Tgt Ion: 112 Resp: 158556

Ion Ratio Lower Upper

112 100

114 33.0 25.8 38.6





#65

1,1,1,2-Tetrachloroethane

Concen: 17.755 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016008.D

Acq: 01 May 2020 14:00

Instrument :

MSVOA_X

ClientSampleId :

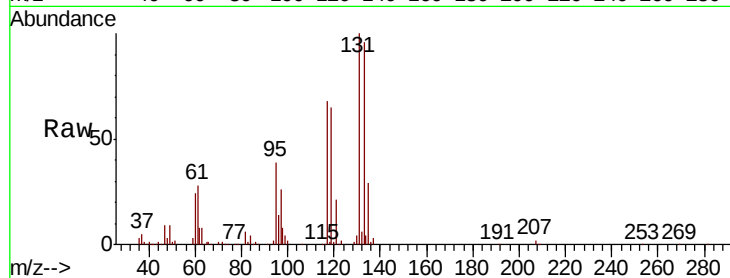
Tot Ion:131 Resp: 59718

Ion Ratio Lower Upper

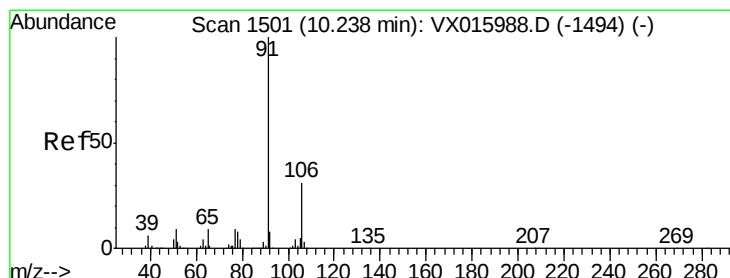
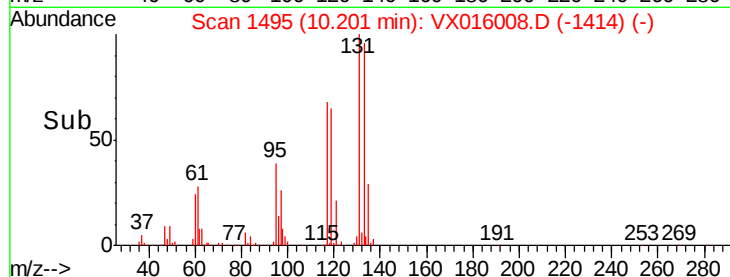
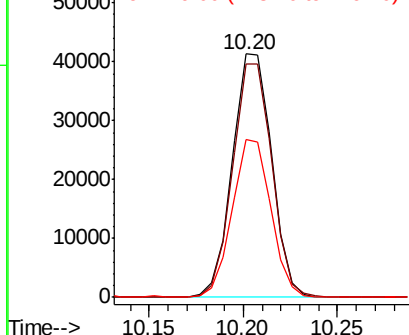
131 100

133 95.2 0.0 187.0

119 64.1 0.0 129.0



Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.119 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX016008.D

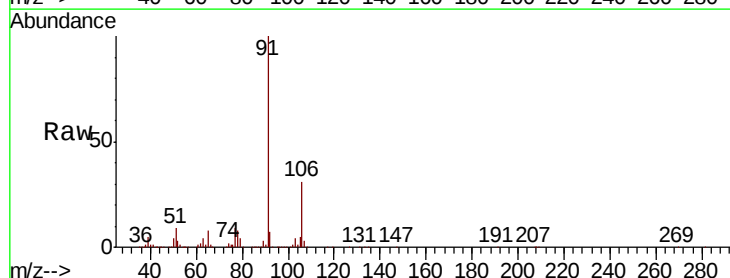
Acq: 01 May 2020 14:00

Tgt Ion: 91 Resp: 287088

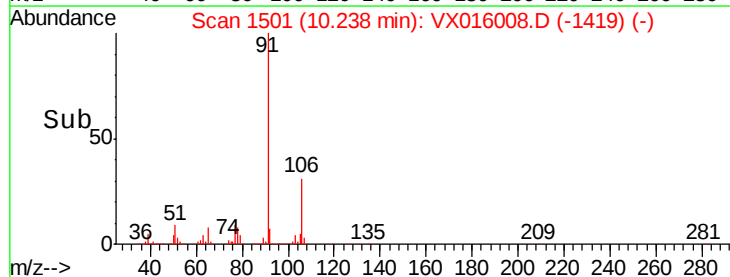
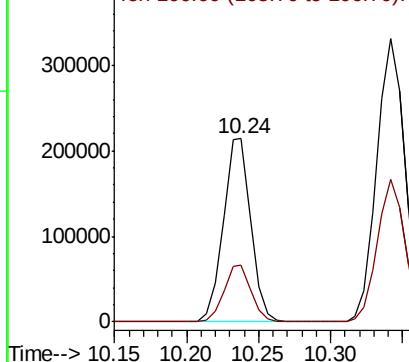
Ion Ratio Lower Upper

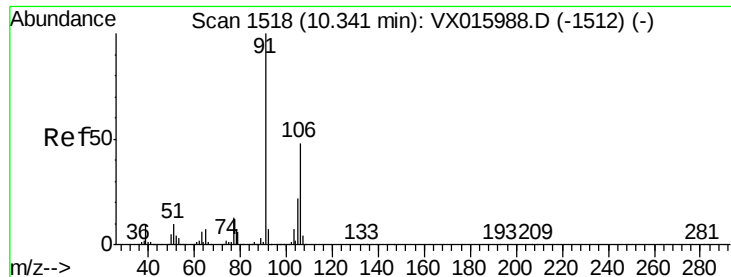
91 100

106 30.7 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

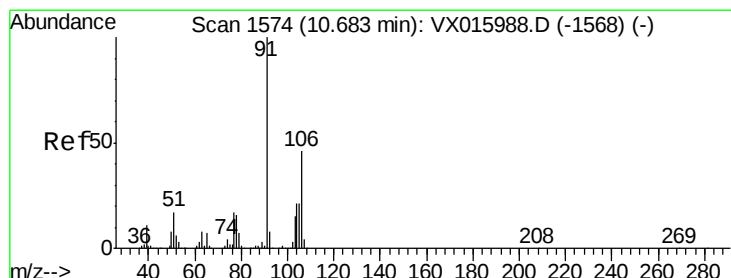
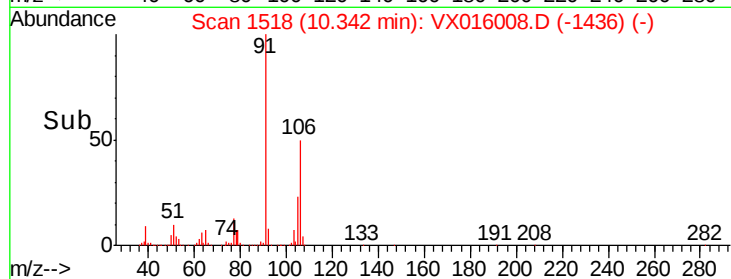
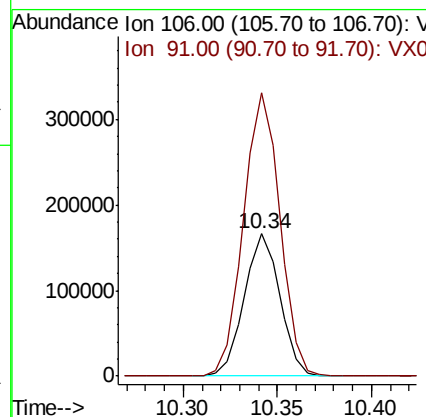
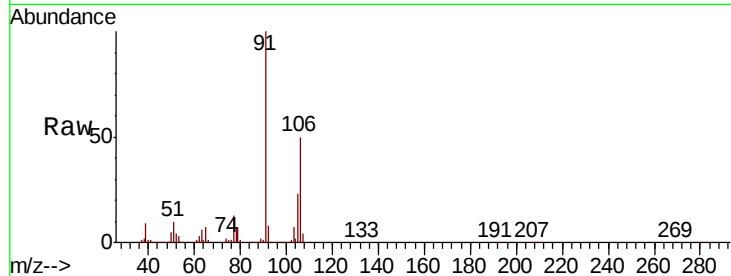




#67
m/p-Xylenes
Concen: 36.246 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016008.D
Acq: 01 May 2020 14:00

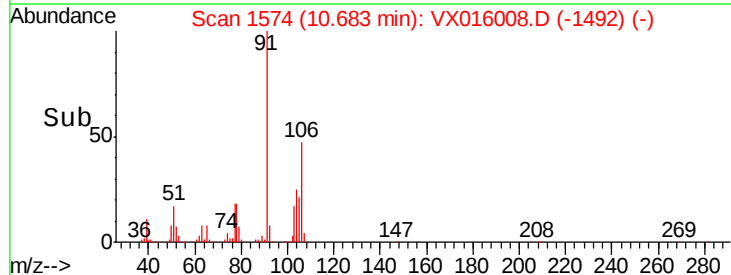
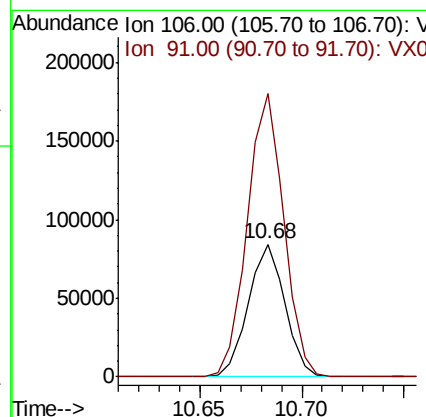
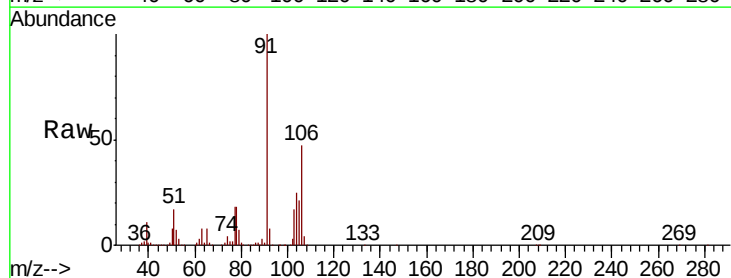
Instrument :
MSVOA_X
ClientSampleId :

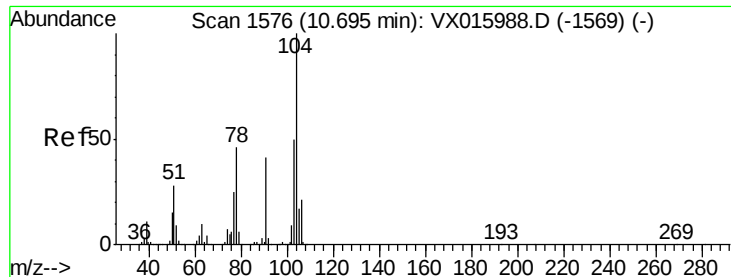
Tot Ion:106 Resp: 218784
Ion Ratio Lower Upper
106 100
91 202.3 164.2 246.4



#68
o-Xylene
Concen: 18.026 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016008.D
Acq: 01 May 2020 14:00

Tgt Ion:106 Resp: 104927
Ion Ratio Lower Upper
106 100
91 213.3 108.3 325.0

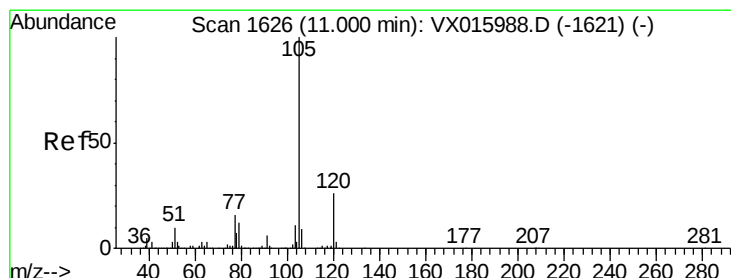
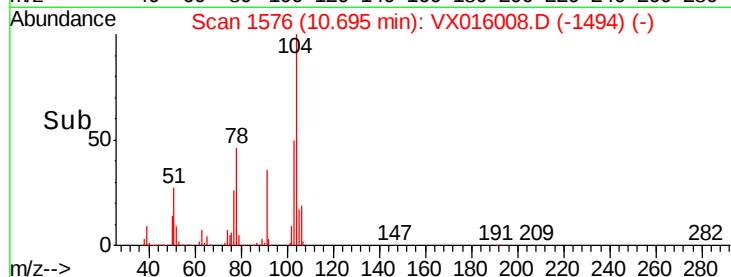
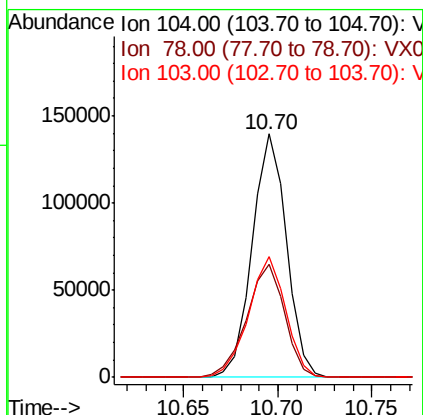
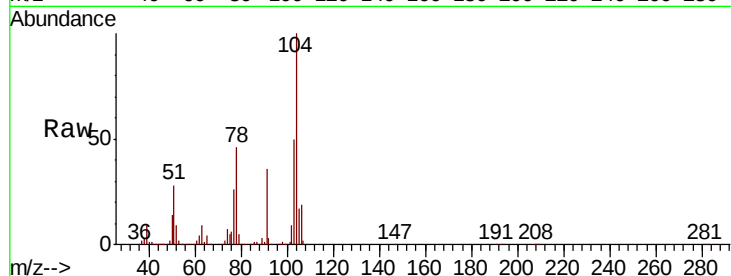




#69
Stvrene
Concen: 17.657 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016008.D
Acq: 01 May 2020 14:00

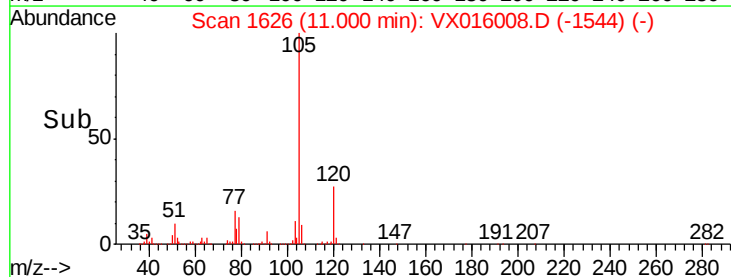
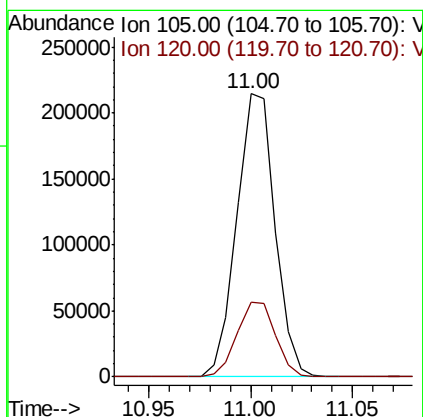
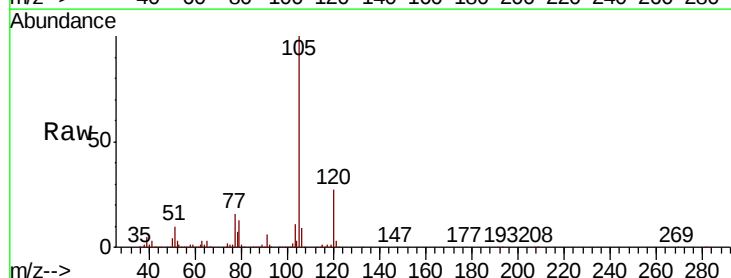
Instrument :
MSVOA_X
ClientSampleId :

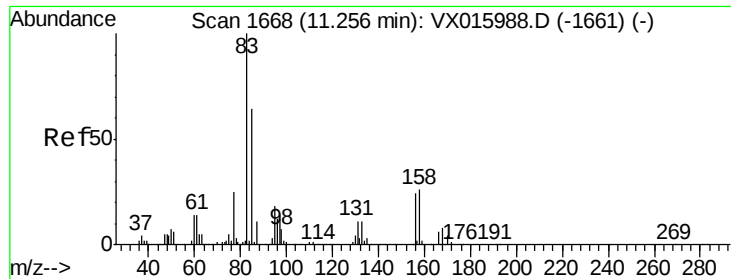
Tot Ion	Ratio	Lower	Upper
104	100		
78	51.5	40.7	61.1
103	53.8	43.0	64.4



#70
Isopropylbenzene
Concen: 17.764 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX016008.D
Acq: 01 May 2020 14:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.7	18.6	34.5





#71

1,1,2,2-Tetrachloroethane

Concen: 15.526 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016008.D

Acq: 01 May 2020 14:00

Instrument :

MSVOA_X

ClientSampleId :

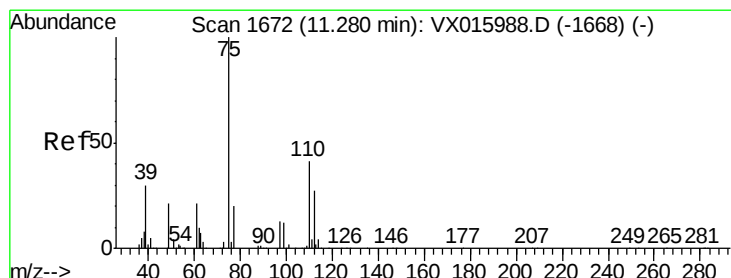
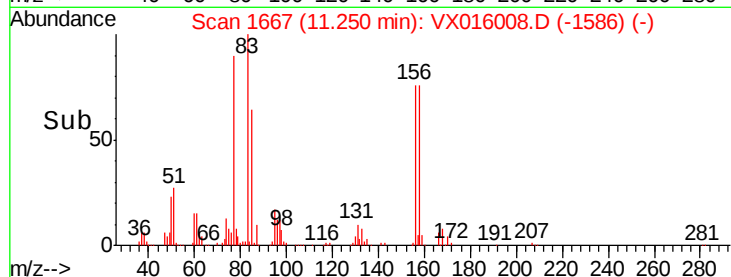
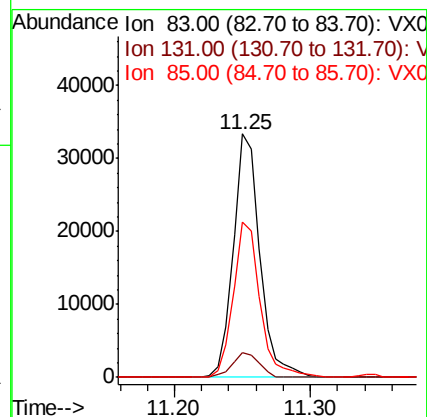
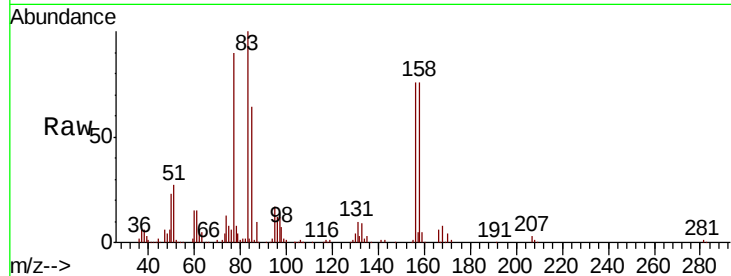
Tot Ion: 83 Resp: 45358

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

85 64.4 33.0 98.9



#72

1,2,3-Trichloropropane

Concen: 24.958 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016008.D

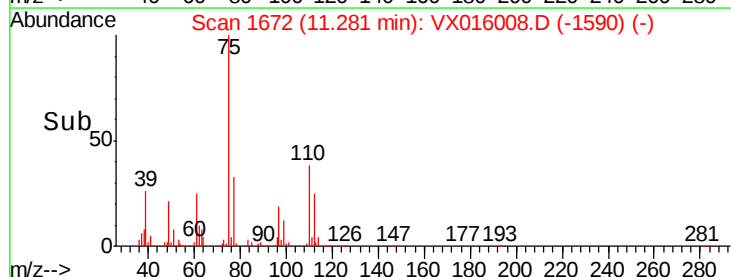
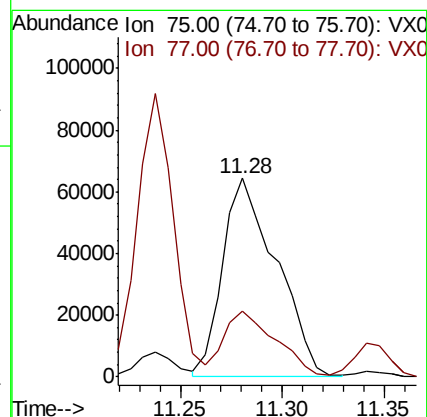
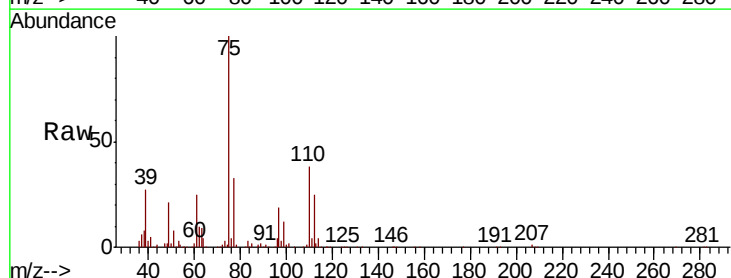
Acq: 01 May 2020 14:00

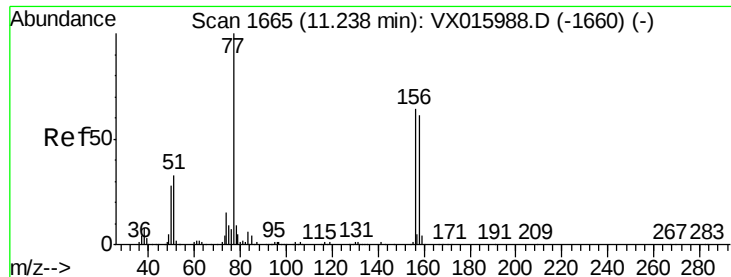
Tgt Ion: 75 Resp: 118093

Ion Ratio Lower Upper

75 100

77 31.6 0.0 86.0





#73

Bromobenzene

Concen: 18.180 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016008.D

Acq: 01 May 2020 14:00

Instrument :

MSVOA_X

ClientSampleId :

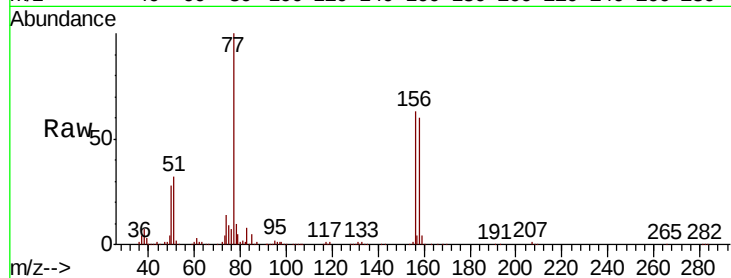
Tot Ion:156 Resp: 71996

Ion Ratio Lower Upper

156 100

77 158.2 0.0 318.0

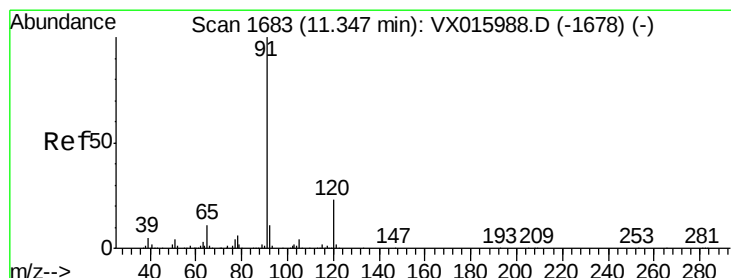
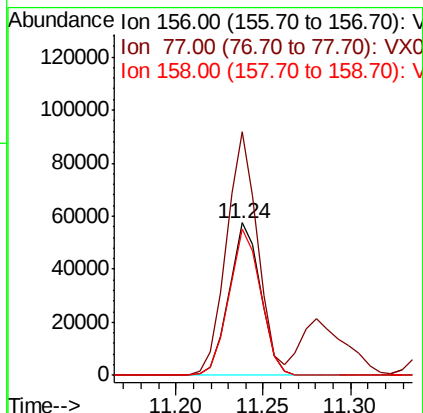
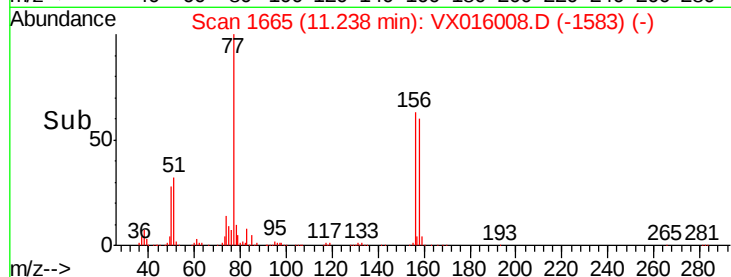
158 96.4 0.0 193.2



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: 17.810 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016008.D

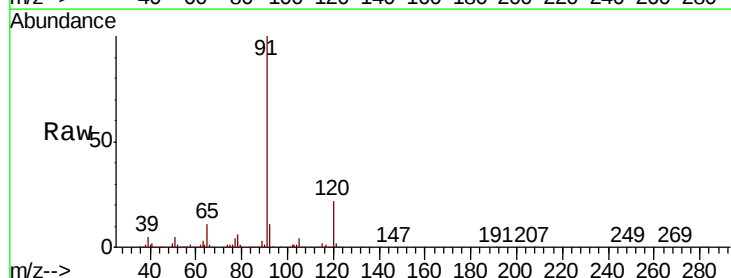
Acq: 01 May 2020 14:00

Tgt Ion: 91 Resp: 325106

Ion Ratio Lower Upper

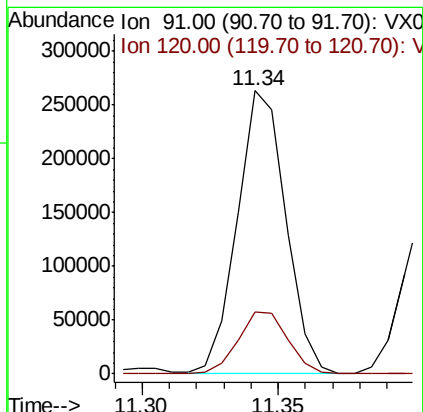
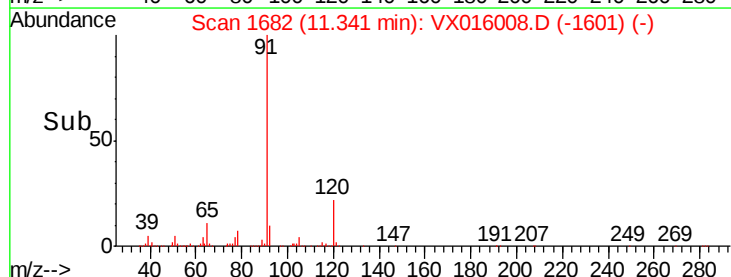
91 100

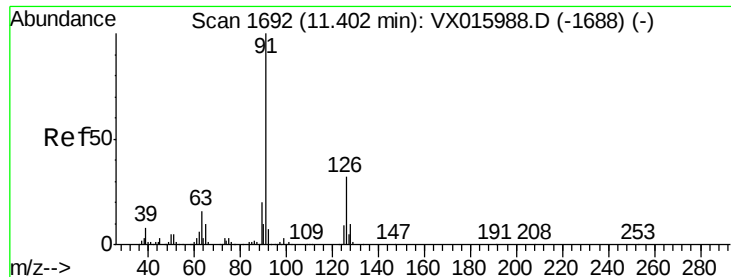
120 22.6 0.0 45.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 17.683 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016008.D

Acq: 01 May 2020 14:00

Instrument :

MSVOA_X

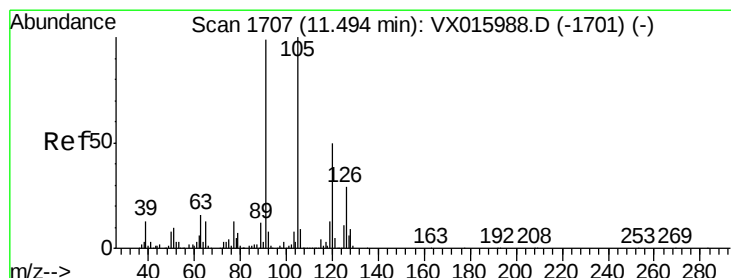
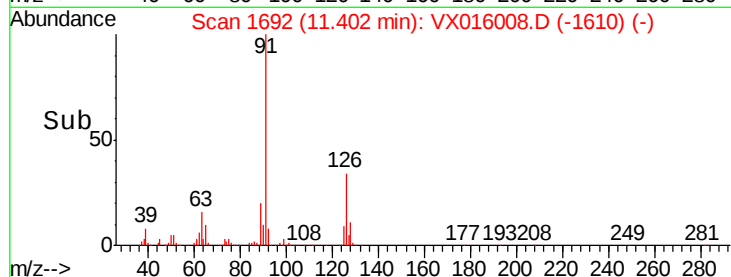
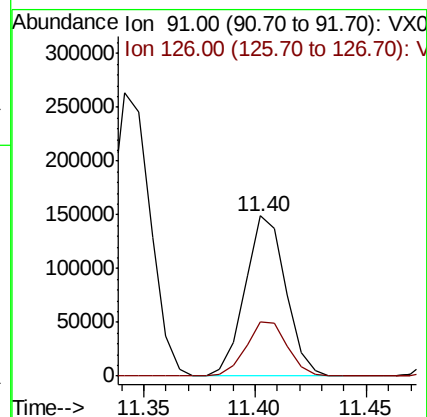
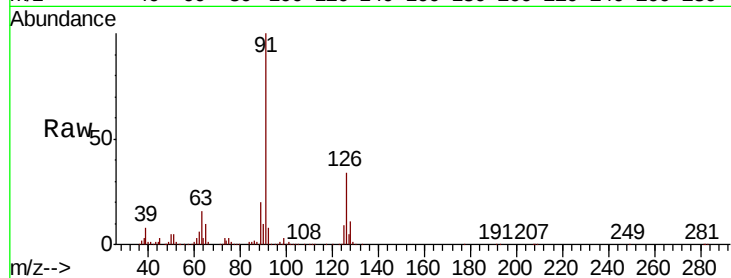
ClientSampleId :

Tot Ion: 91 Resp: 189679

Ion Ratio Lower Upper

91 100

126 34.5 0.0 66.2



#76

1,3,5-Trimethylbenzene

Concen: 17.587 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX016008.D

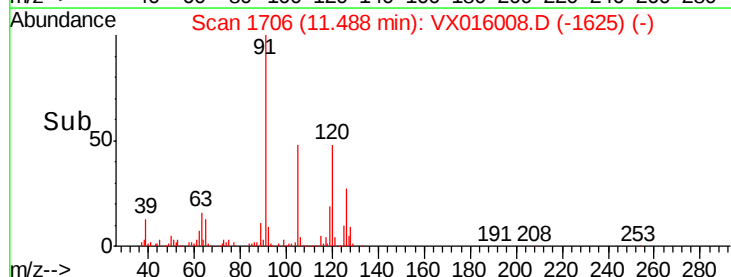
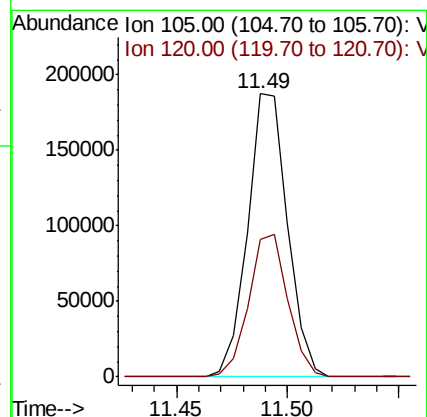
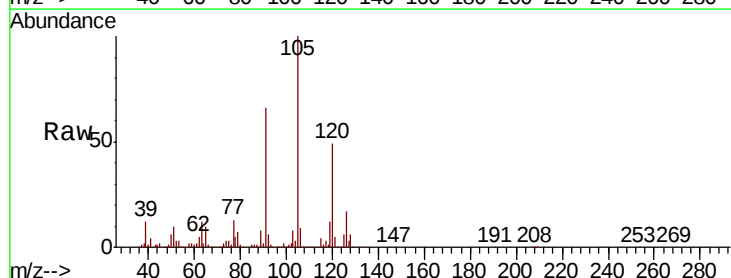
Acq: 01 May 2020 14:00

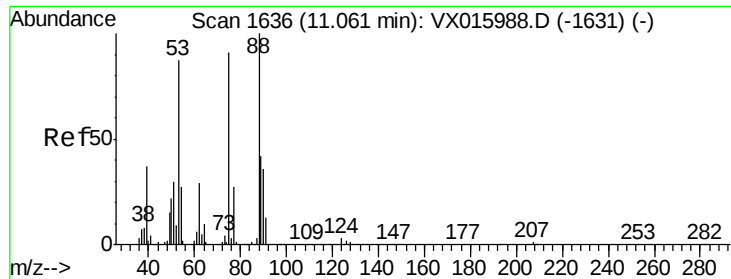
Tgt Ion: 105 Resp: 234603

Ion Ratio Lower Upper

105 100

120 49.5 0.0 99.4

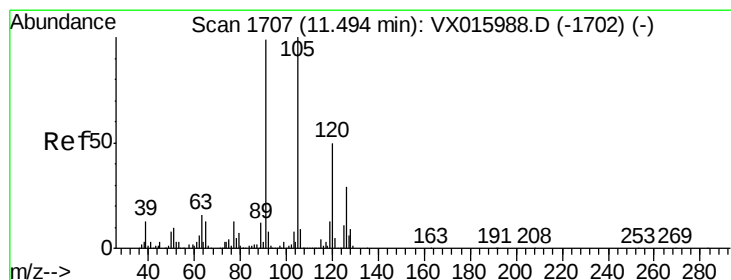
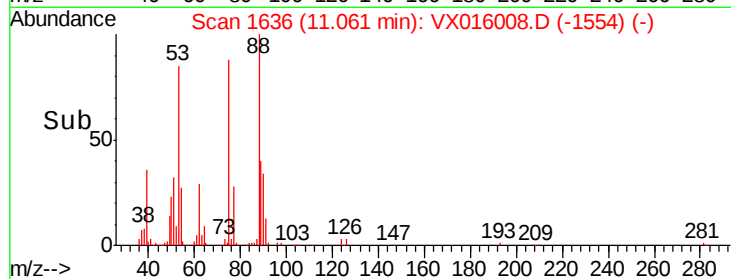
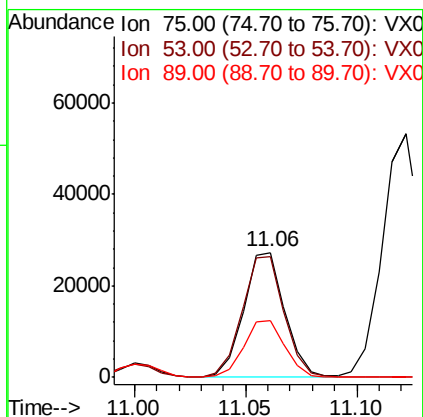
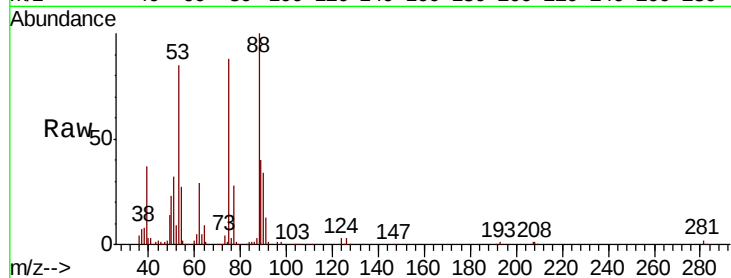




#77
t-1,4-Dichloro-2-butene
Concen: 17.171 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX016008.D
Acq: 01 May 2020 14:00

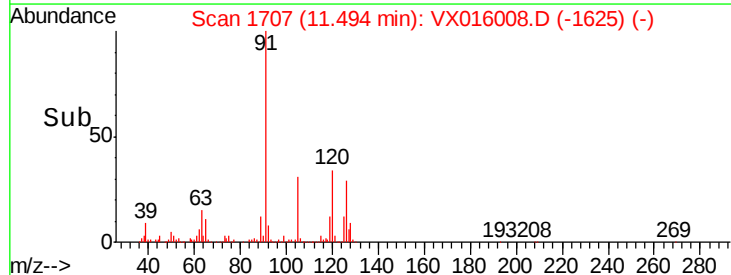
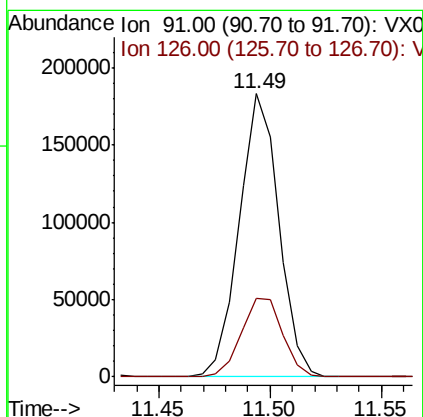
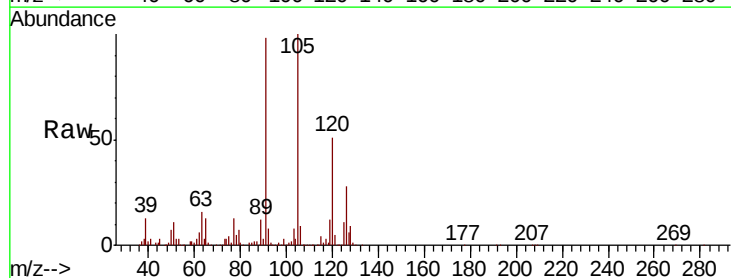
Instrument :
MSVOA_X
ClientSampleId :

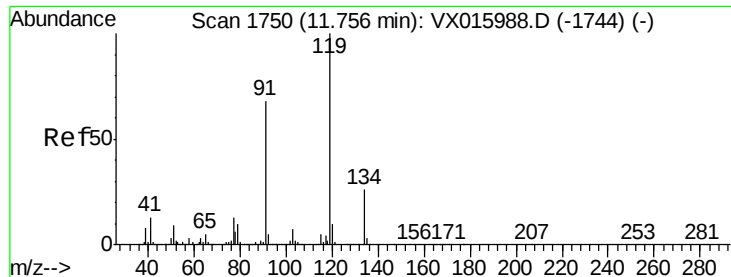
Tot Ion: 75 Resp: 34935
Ion Ratio Lower Upper
75 100
53 97.0 48.0 144.2
89 45.4 23.4 70.3



#78
4-Chlorotoluene
Concen: 17.818 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016008.D
Acq: 01 May 2020 14:00

Tgt Ion: 91 Resp: 226236
Ion Ratio Lower Upper
91 100
126 29.2 0.0 58.4

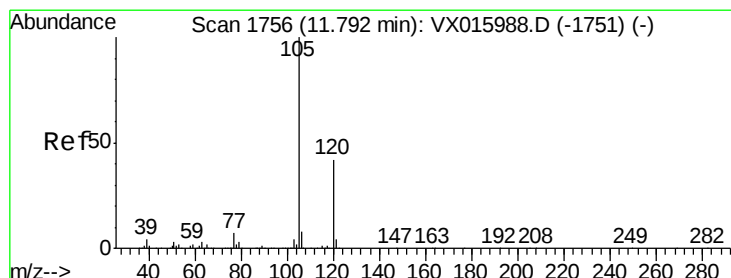
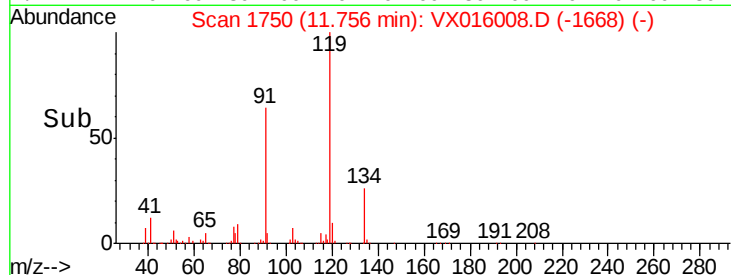
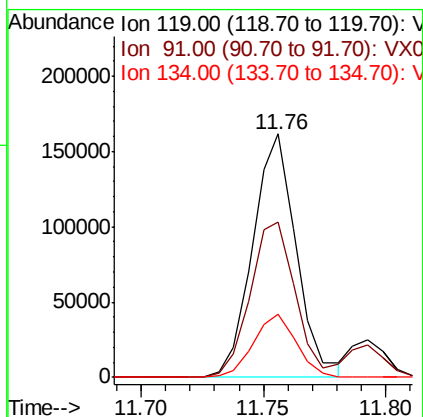
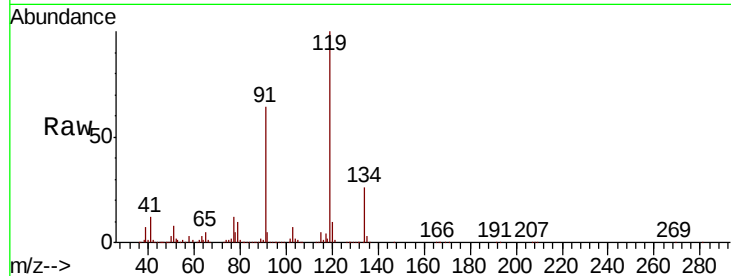




#79
tert-butylbenzene
Concen: 17.638 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016008.D
Acq: 01 May 2020 14:00

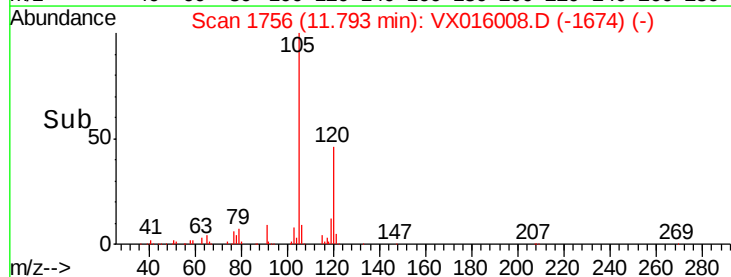
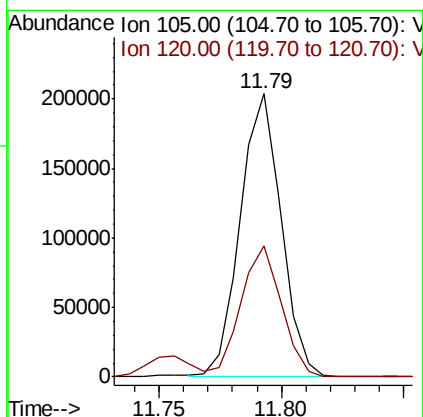
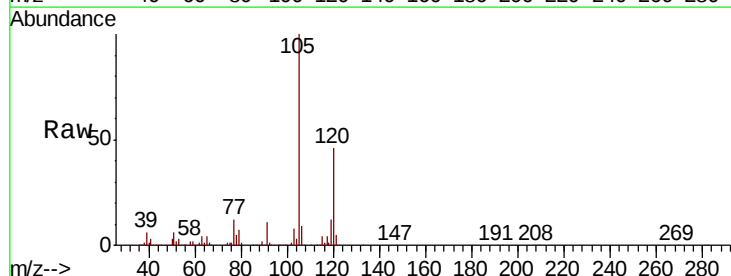
Instrument :
MSVOA_X
ClientSampled :

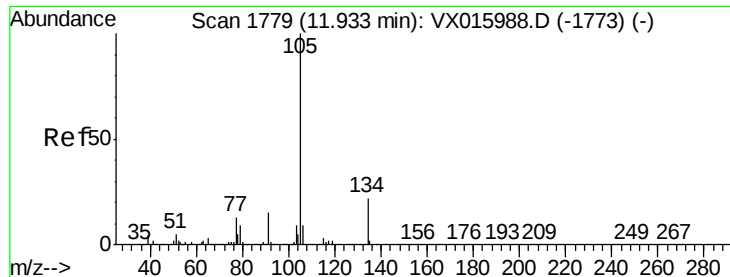
Tot Ion	Ratio	Lower	Upper
119	100		
91	65.7	0.0	135.6
134	25.4	0.0	51.0



#80
1,2,4-Trimethylbenzene
Concen: 17.804 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016008.D
Acq: 01 May 2020 14:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	0.0	91.0

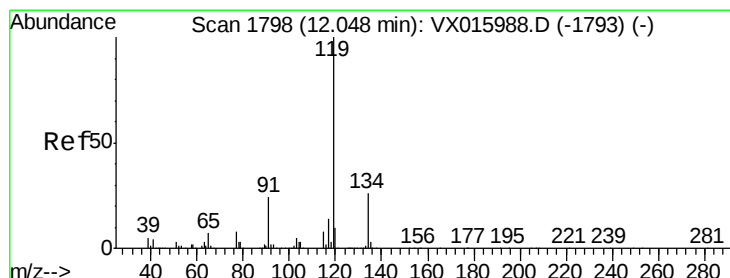
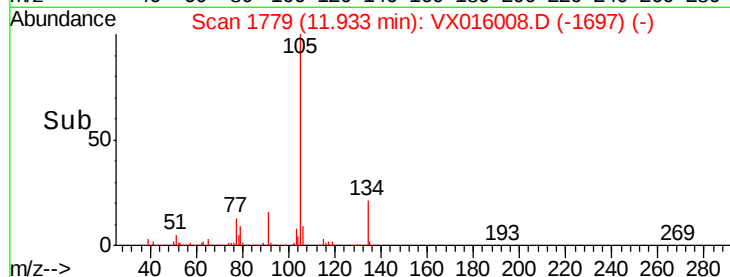
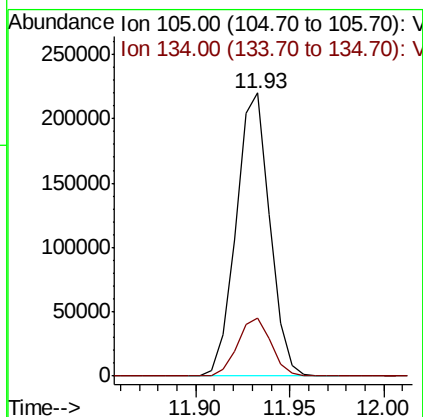
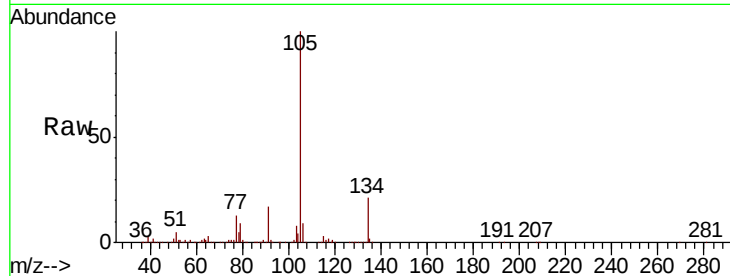




#81
 sec-Butylbenzene
 Concen: 17.672 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX016008.D
 Acq: 01 May 2020 14:00

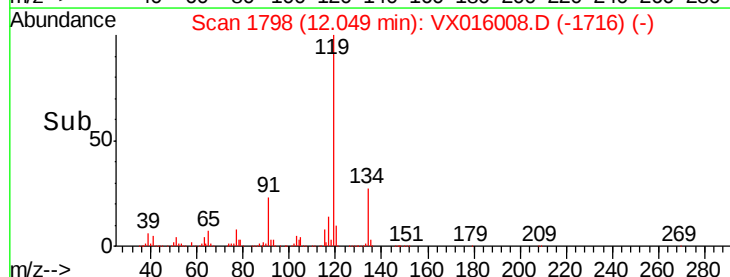
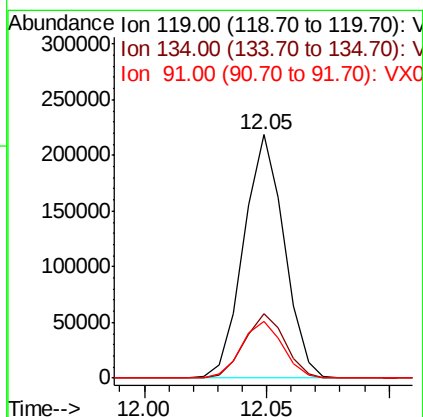
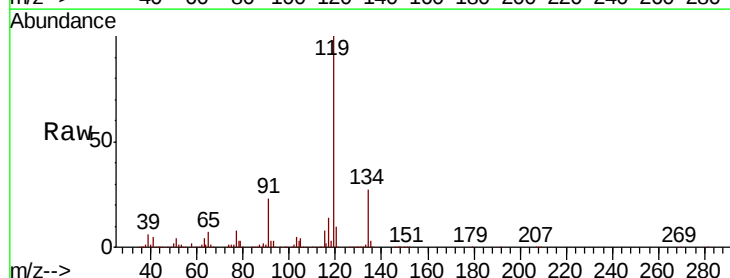
Instrument :
 MSVOA_X
 ClientSampleId :

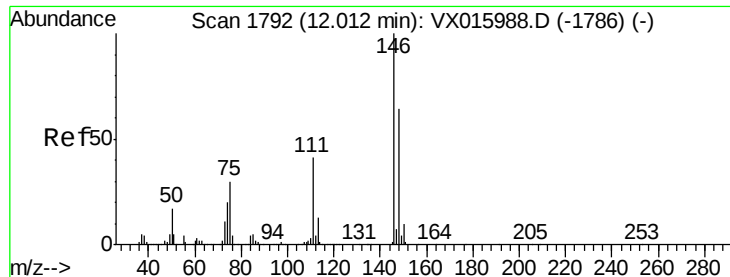
Tot Ion:105 Resp: 271545
 Ion Ratio Lower Upper
 105 100
 134 20.6 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 17.686 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016008.D
 Acq: 01 May 2020 14:00

Tgt Ion:119 Resp: 251847
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 52.6
 91 23.6 0.0 47.6

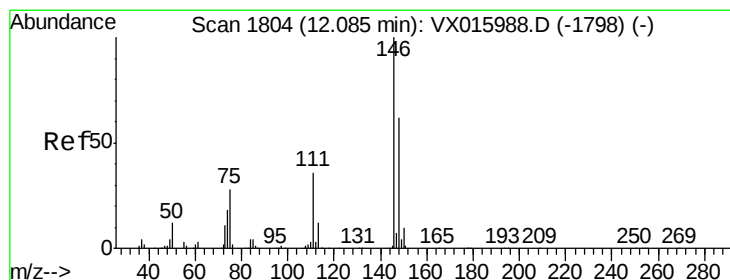
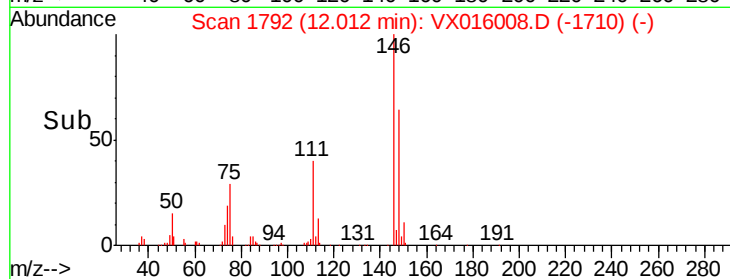
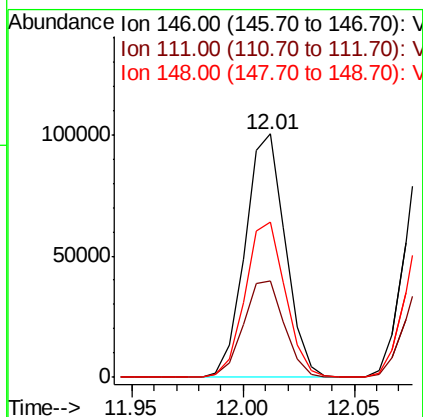
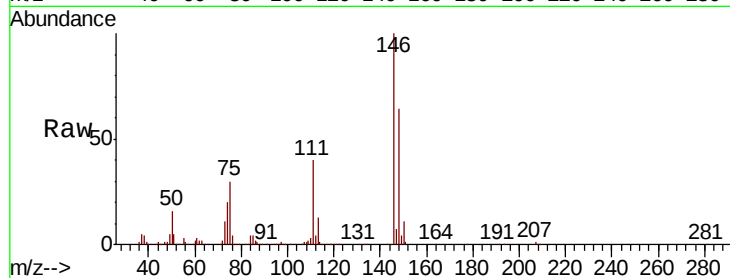




#83
 1,3-Dichlorobenzene
 Concen: 17.683 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016008.D
 Acq: 01 May 2020 14:00

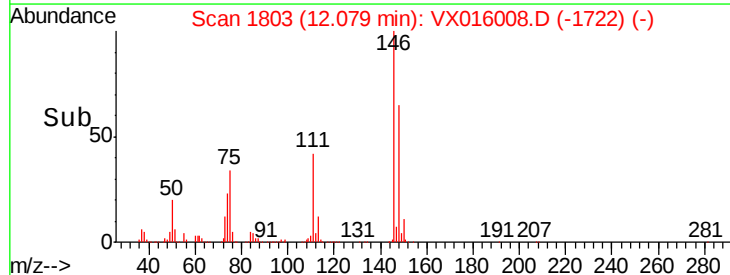
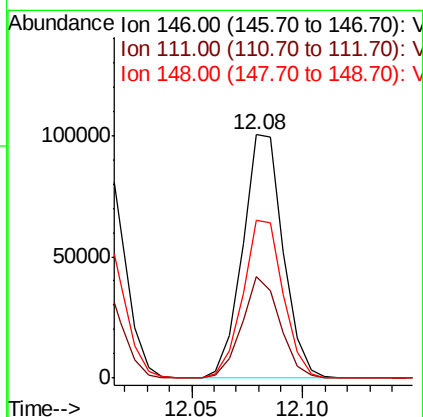
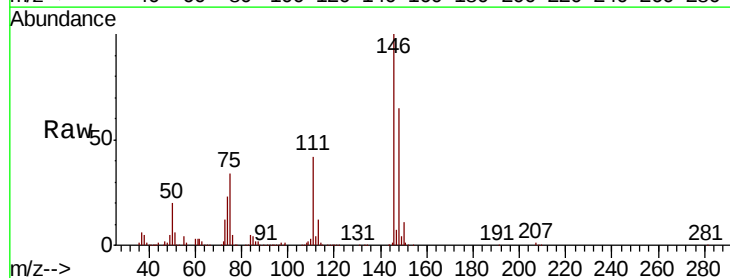
Instrument :
 MSVOA_X
 ClientSampleId :

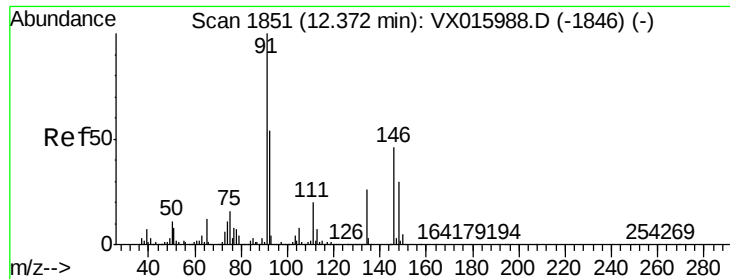
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.4	61.3
148	63.8	31.9	95.9



#84
 1,4-Dichlorobenzene
 Concen: 17.981 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016008.D
 Acq: 01 May 2020 14:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.7	59.0
148	64.4	32.0	96.0

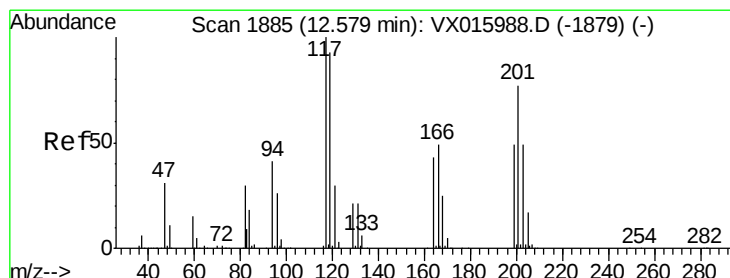
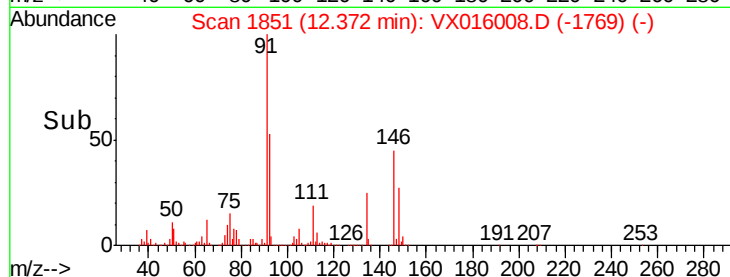
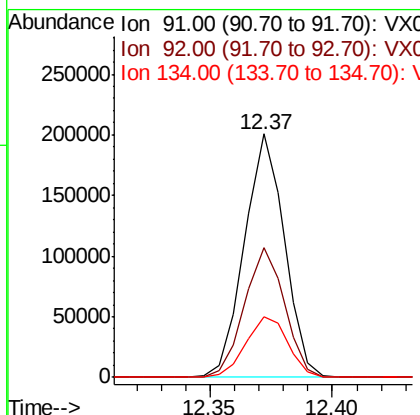
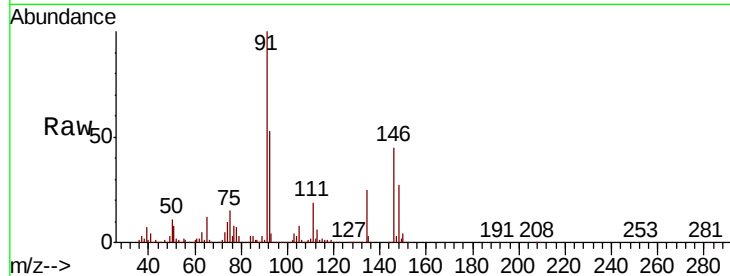




#85
n-Butylbenzene
Concen: 17.588 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016008.D
Acq: 01 May 2020 14:00

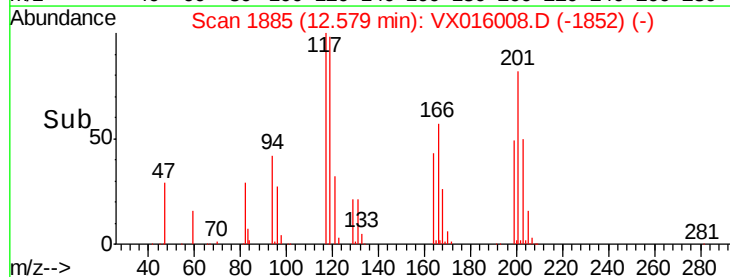
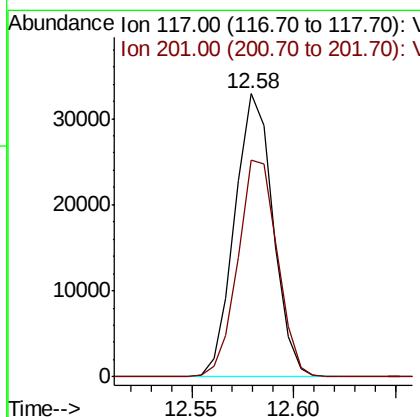
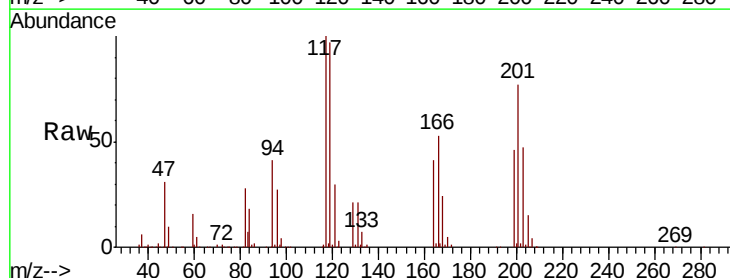
Instrument :
MSVOA_X
ClientSampled :

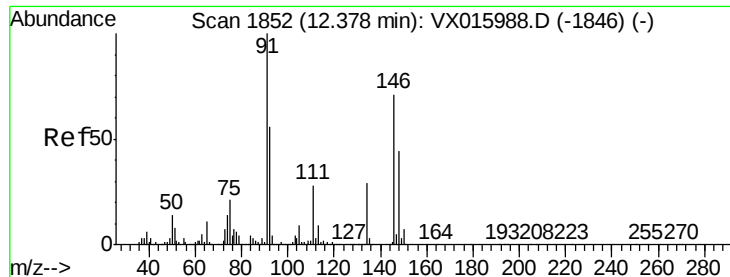
Tot Ion: 91 Resp: 228768
Ion Ratio Lower Upper
91 100
92 53.6 0.0 110.2
134 26.2 0.0 53.4



#86
Hexachloroethane
Concen: 17.132 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016008.D
Acq: 01 May 2020 14:00

Tgt Ion: 117 Resp: 42947
Ion Ratio Lower Upper
117 100
201 79.0 40.1 120.2





#87

1,2-Dichlorobenzene

Concen: 17.871 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016008.D

Acq: 01 May 2020 14:00

Instrument :

MSVOA_X

ClientSampleId :

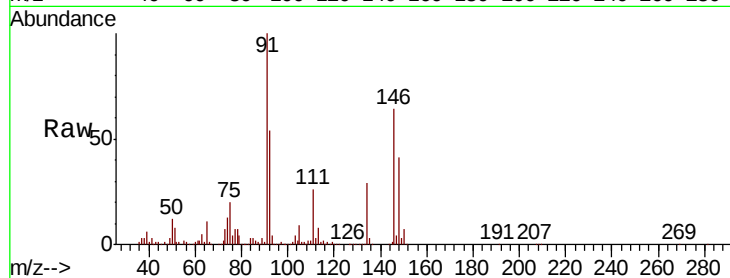
Tot Ion:146 Resp: 123403

Ion Ratio Lower Upper

146 100

111 42.2 20.7 62.1

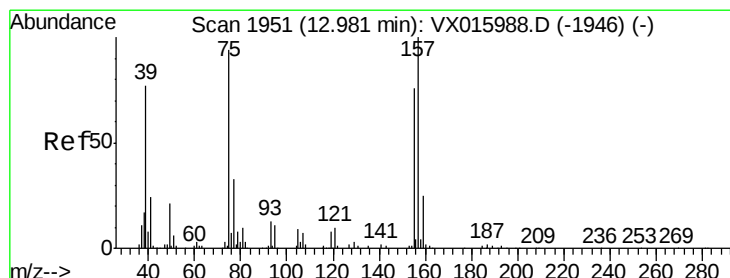
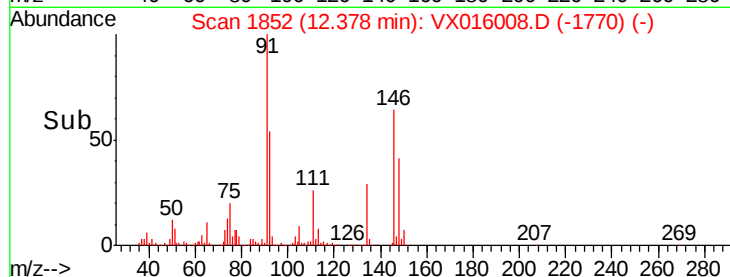
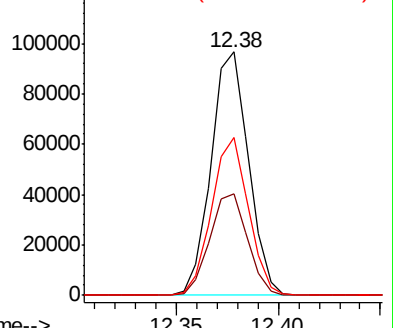
148 63.6 32.0 96.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.022 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX016008.D

Acq: 01 May 2020 14:00

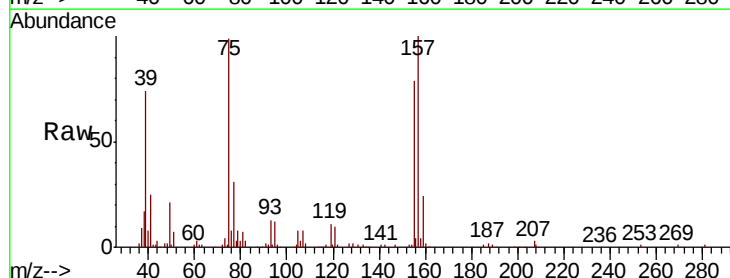
Tgt Ion: 75 Resp: 22032

Ion Ratio Lower Upper

75 100

155 80.9 66.9 100.3

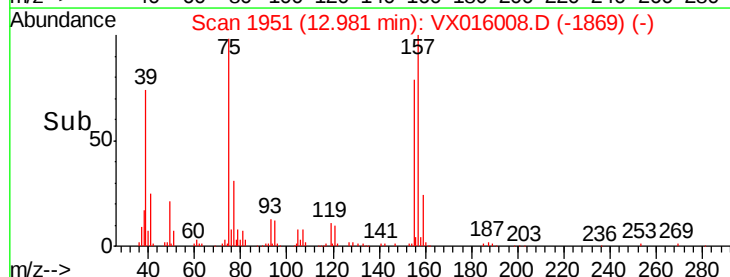
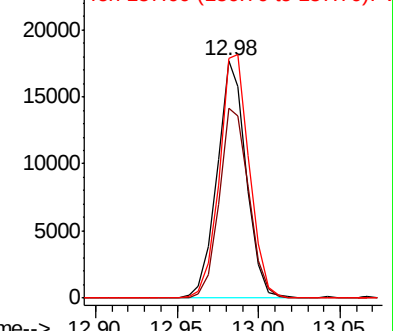
157 105.2 88.2 132.2

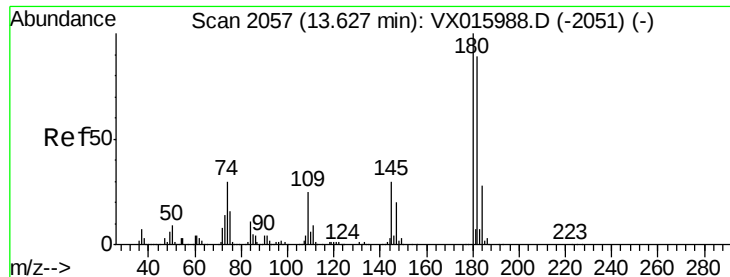


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

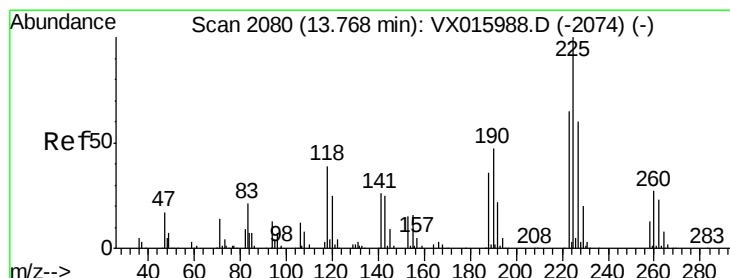
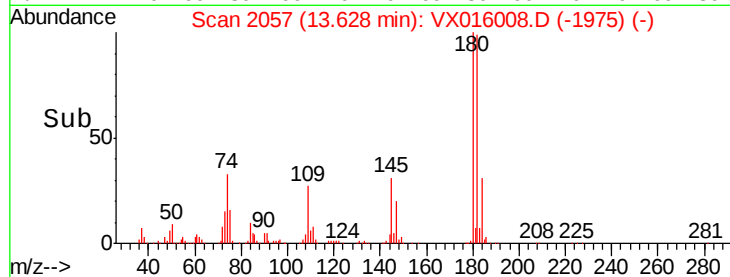
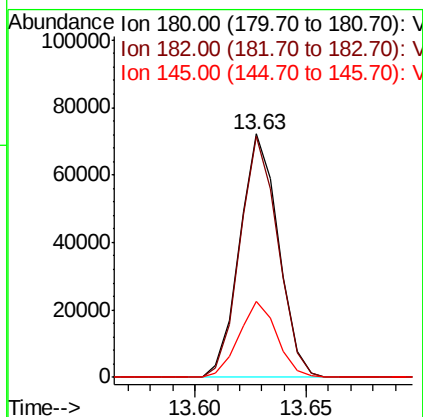
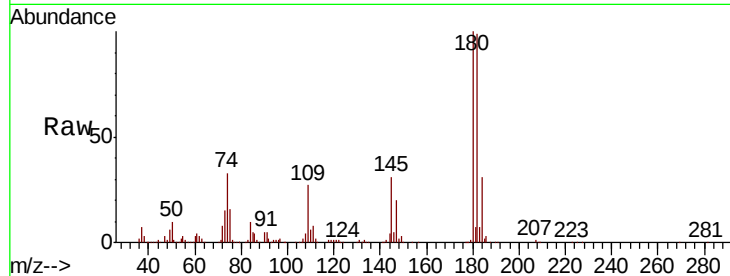




#89
 1,2,4-Trichlorobenzene
 Concen: 17.238 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016008.D
 Acq: 01 May 2020 14:00

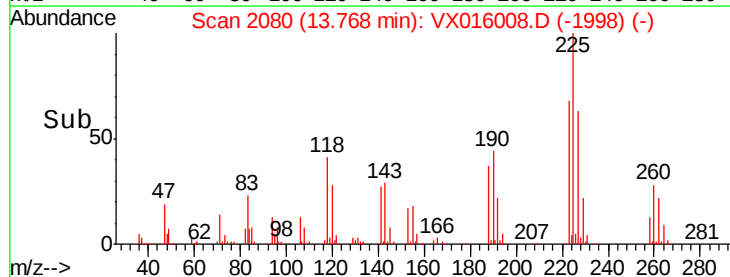
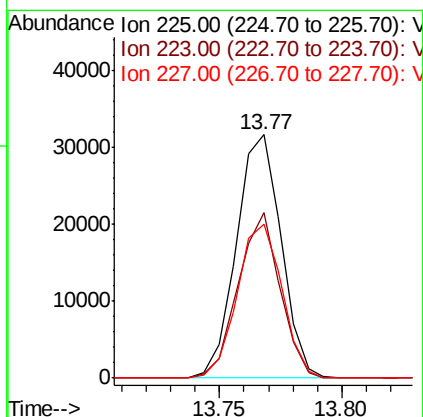
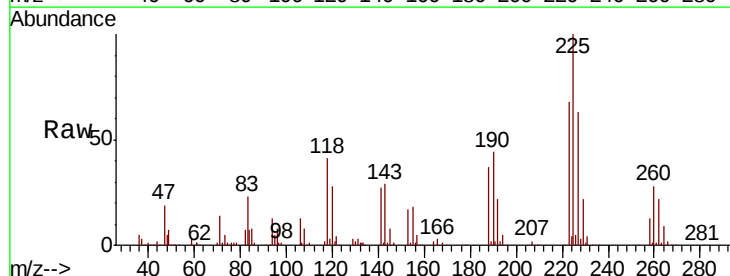
Instrument :
 MSVOA_X
 ClientSampleId :

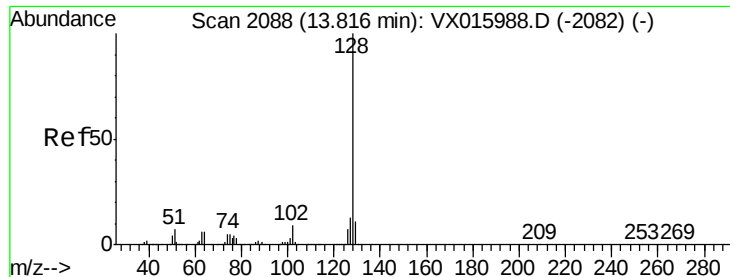
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.3	75.0	112.6
145	30.5	23.9	35.9



#90
 Hexachlorobutadiene
 Concen: 18.452 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016008.D
 Acq: 01 May 2020 14:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	0.0	123.6
227	63.1	0.0	123.6





#91

Naphthalene

Concen: 18.082 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016008.D

Acq: 01 May 2020 14:00

Instrument :

MSVOA_X

ClientSampleId :

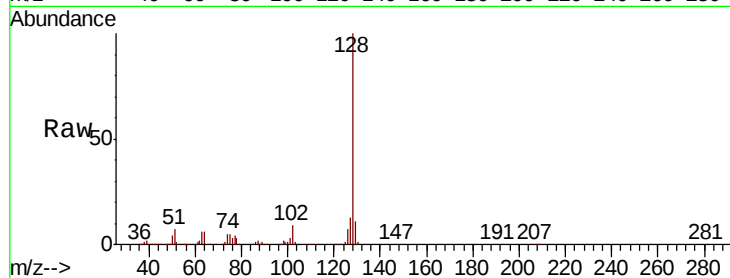
Tot Ion:128 Resp: 292792

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.8 8.6 13.0



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

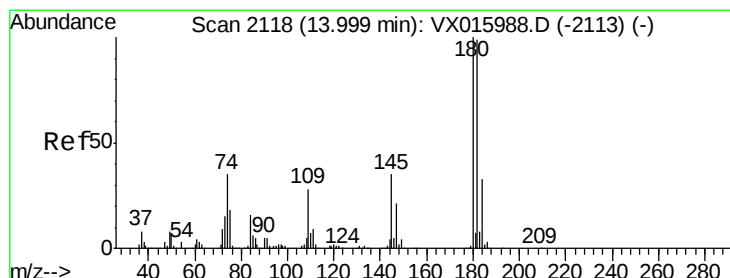
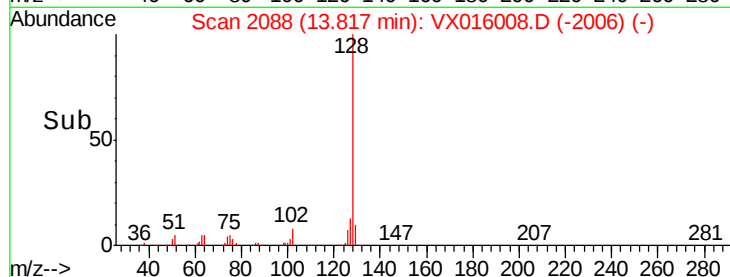
13.82

200000

100000

0

Time--> 13.75 13.80 13.85



#92

1,2,3-Trichlorobenzene

Concen: 18.169 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX016008.D

Acq: 01 May 2020 14:00

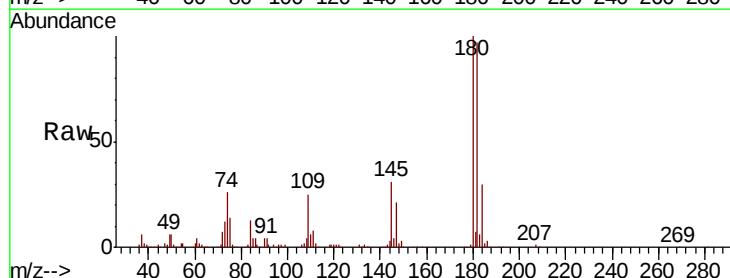
Tgt Ion:180 Resp: 88778

Ion Ratio Lower Upper

180 100

182 94.4 0.0 197.2

145 32.5 0.0 66.0



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

14.01

100000

80000

60000

40000

20000

0

Time--> 13.95 14.00 14.05

