

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050820\
 Data File : VX016109.D
 Acq On : 08 May 2020 09:58
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 09 01:38:39 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	52095	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	298247	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	265836	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	116792	29.17	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.23%
60) 4-Bromofluorobenzene	11.12	95	132599	29.74	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.13%
63) Toluene-d8	8.70	98	356632	31.27	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	104.23%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	81065	22.592	ug/l 100
3) Chloromethane	1.31	50	77710	22.104	ug/l 99
4) Vinyl Chloride	1.39	62	81375	20.372	ug/l 99
5) Bromomethane	1.63	94	52154	21.302	ug/l 98
6) Chloroethane	1.72	64	48828	18.647	ug/l 99
7) Trichlorofluoromethane	1.92	101	105462	18.433	ug/l 99
8) Diethyl Ether	2.17	74	41693	18.257	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	60895	20.610	ug/l 97
10) 1,1-Dichloroethene	2.36	96	58724	19.699	ug/l 96
11) Methyl Iodide	2.49	142	70467	17.316	ug/l 99
12) Methyl Acetate	2.75	43	107461	20.647	ug/l 97
13) Acrolein	2.27	56	36486	87.447	ug/l 100
14) Acrylonitrile	3.11	53	196464	102.194	ug/l 99
15) Acetone	2.42	58	53634	105.417	ug/l 88
16) Carbon Disulfide	2.55	76	185754	20.483	ug/l 99
17) Allyl chloride	2.71	41	111451	20.154	ug/l 90
18) Methylene Chloride	2.83	84	69439	20.794	ug/l 99
19) trans-1,2-Dichloroethene	3.14	96	66728	20.466	ug/l 96
20) Diisopropyl ether	3.82	45	213968	20.068	ug/l 91
21) 1,1-Dichloroethane	3.67	63	121177	20.382	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	73497	19.864	ug/l 100
23) tert-Butyl Alcohol	3.00	59	91444	97.170	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	215649	20.144	ug/l 94
25) Chloroform	5.17	83	121233	20.078	ug/l 96
26) Cyclohexane	5.55	56	111877	20.579	ug/l # 99
29) 1,1-Dichloropropene	5.77	75	93136	19.855	ug/l 99
30) 2-Butanone	4.63	43	261130	93.427	ug/l 98
31) 2,2-Dichloropropane	4.54	77	109668	19.427	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	108437	19.057	ug/l 98
33) Carbon Tetrachloride	5.75	117	96389	19.025	ug/l 99
34) Benzene	6.11	78	274476	20.033	ug/l 99
35) Methacrylonitrile	5.00	41	57470	19.362	ug/l 93
36) 1,2-Dichloroethane	6.16	62	97148	18.567	ug/l 98
37) Trichloroethene	7.19	130	102899	21.112	ug/l 100
38) Methylcyclohexane	7.44	83	116898	20.392	ug/l 98
39) 1,2-Dichloropropane	7.49	63	69442	19.745	ug/l 97
40) Dibromomethane	7.63	93	46480	19.032	ug/l 98

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Quant Time: May 09 01:38:39 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	95058	18.881	ug/l	97
42) Vinyl Acetate	3.78	43	871912	94.292	ug/l	99
43) Ethyl Acetate	4.79	43	104290	18.916	ug/l	99
44) Isopropyl Acetate	6.41	43	166470	18.606	ug/l	97
45) 1,4-Dioxane	7.71	88	37072	392.267	ug/l	99
46) Methyl methacrylate	7.74	41	77446	18.259	ug/l	92
47) n-amyl Acetate	10.88	43	136868	17.495	ug/l	95
48) t-1,3-Dichloropropene	9.02	75	111056	18.996	ug/l	97
49) cis-1,3-Dichloropropene	8.42	75	118999	19.701	ug/l	93
50) 1,1,2-Trichloroethane	9.20	97	66095	19.206	ug/l	97
51) Ethyl methacrylate	9.16	69	106018	18.656	ug/l	91
52) 1,3-Dichloropropane	9.35	76	118210	19.870	ug/l	99
53) Dibromochloromethane	9.56	129	74509	19.030	ug/l	99
54) 1,2-Dibromoethane	9.65	107	71598	18.930	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	317588	102.724	ug/l	99
56) Bromoform	10.84	173	53830	18.247	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	515976	98.424	ug/l	98
59) 2-Hexanone	9.47	43	401806	99.228	ug/l	97
61) Tetrachloroethene	9.32	164	111229	21.152	ug/l	96
62) Toluene	8.76	91	293032	20.633	ug/l	99
64) Chlorobenzene	10.12	112	182719	20.206	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.20	131	65640	19.120	ug/l	97
66) Ethyl Benzene	10.23	91	329572	20.379	ug/l	100
67) m/p-Xylenes	10.34	106	249496	40.498	ug/l	98
68) o-Xylene	10.68	106	118389	19.928	ug/l	99
69) Styrene	10.70	104	199052	19.577	ug/l	99
70) Isopropylbenzene	11.00	105	321698	20.056	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	43359	14.541	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	132122	27.358	ug/l	81
73) Bromobenzene	11.24	156	78763	19.486	ug/l	98
74) n-propylbenzene	11.34	91	375273	20.143	ug/l	100
75) 2-Chlorotoluene	11.40	91	218846	19.990	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	272177	19.991	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	39415	18.981	ug/l	96
78) 4-Chlorotoluene	11.49	91	254305	19.624	ug/l	99
79) tert-butylbenzene	11.76	119	224133	19.275	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	270521	19.888	ug/l	99
81) sec-Butylbenzene	11.93	105	312972	19.956	ug/l	99
82) p-Isopropyltoluene	12.05	119	288175	19.828	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	144702	19.857	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	148003	20.440	ug/l	99
85) n-Butylbenzene	12.37	91	260467	19.620	ug/l	100
86) Hexachloroethane	12.58	117	49711	19.429	ug/l	98
87) 1,2-Dichlorobenzene	12.38	146	139069	19.732	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	22602	18.115	ug/l	99
89) 1,2,4-Trichlorobenzene	13.63	180	102924	19.826	ug/l	100
90) Hexachlorobutadiene	13.77	225	48230	21.617	ug/l	99
91) Naphthalene	13.82	128	319668	19.342	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	99631	19.977	ug/l	97

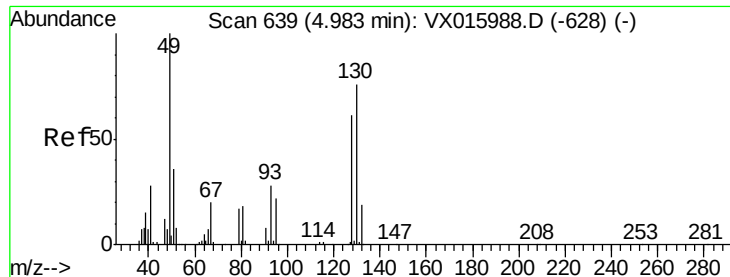
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 30 12:42:44 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX016109.D

Acq: 08 May 2020 09:58

Instrument :
MSVOA_X
ClientSampleId :

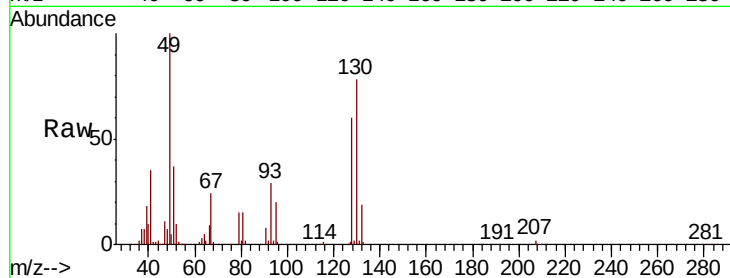
Tot Ion:128 Resp: 52095

Ion Ratio Lower Upper

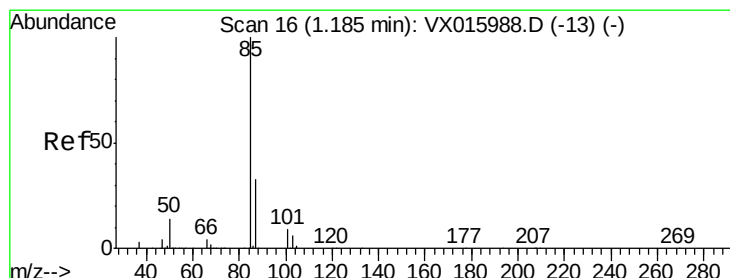
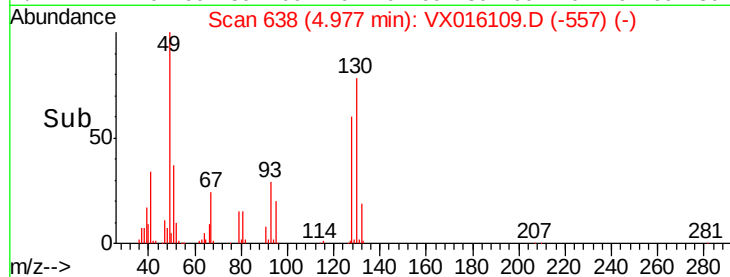
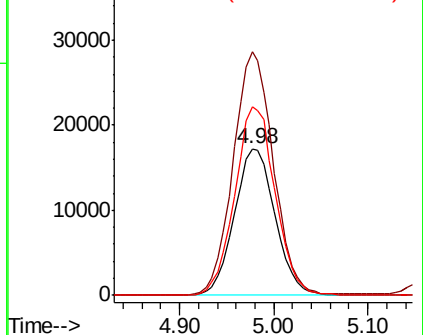
128 100

49 164.0 0.0 418.5

130 127.7 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: 22.592 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016109.D

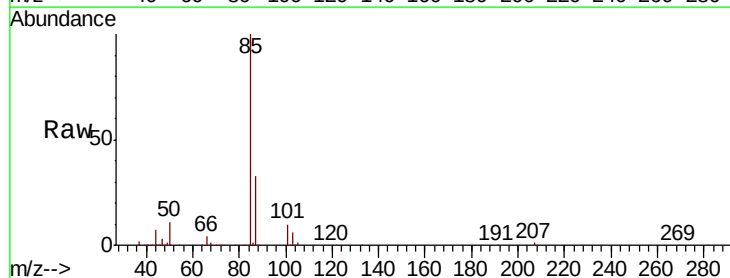
Acq: 08 May 2020 09:58

Tgt Ion: 85 Resp: 81065

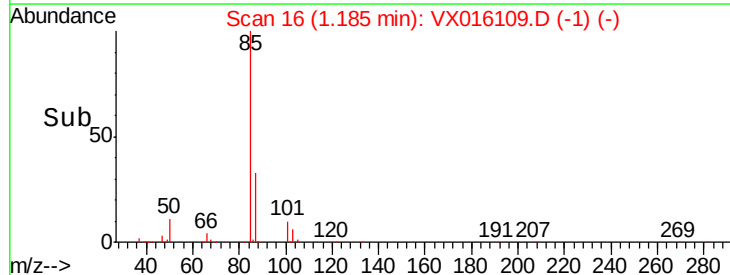
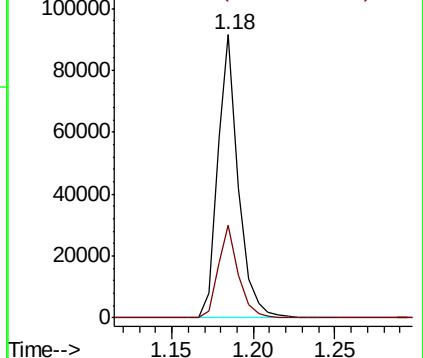
Ion Ratio Lower Upper

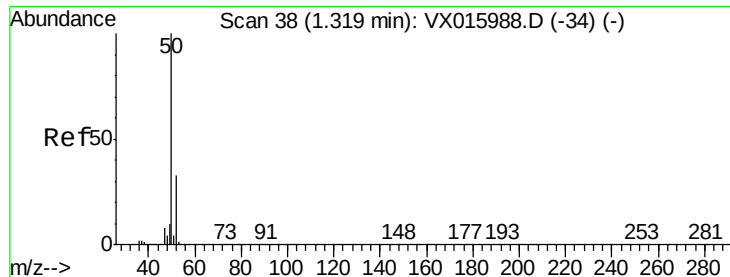
85 100

87 32.9 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: 22.104 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX016109.D

Acq: 08 May 2020 09:58

Instrument :

MSVOA_X

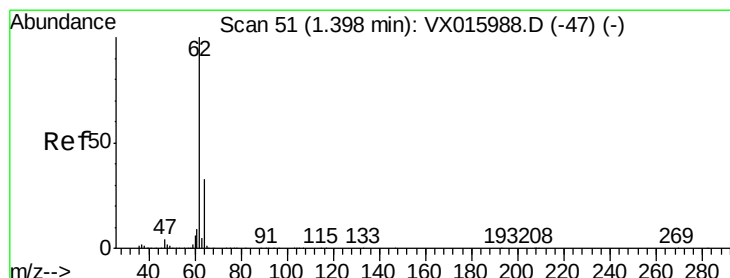
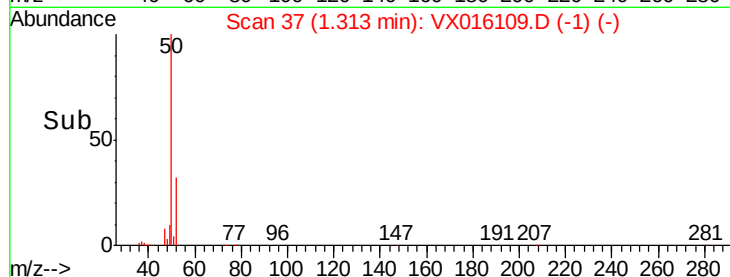
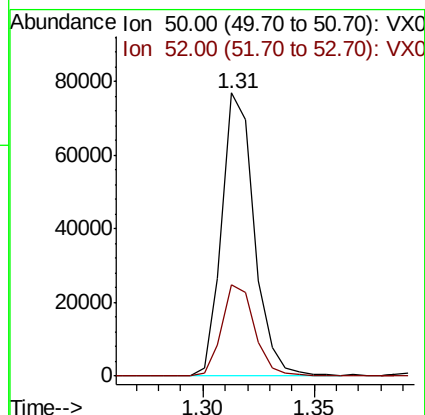
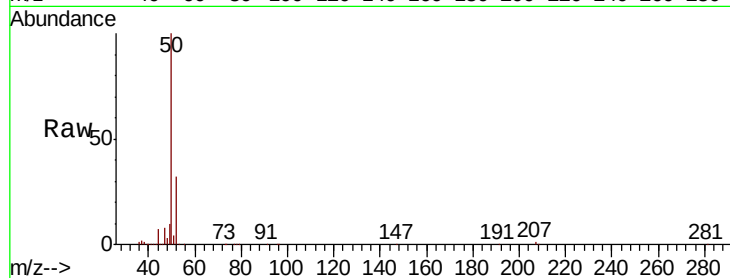
ClientSampleId :

Tot Ion: 50 Resp: 77710

Ion Ratio Lower Upper

50 100

52 32.3 26.5 39.7



#4

Vinyl Chloride

Concen: 20.372 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX016109.D

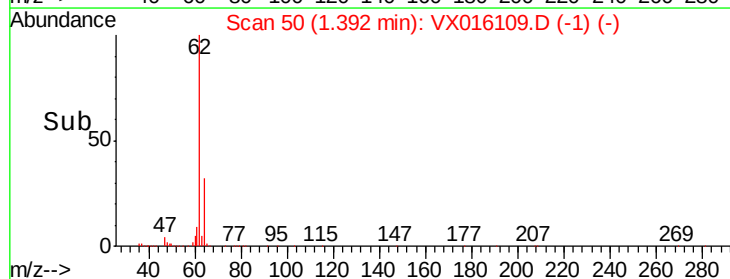
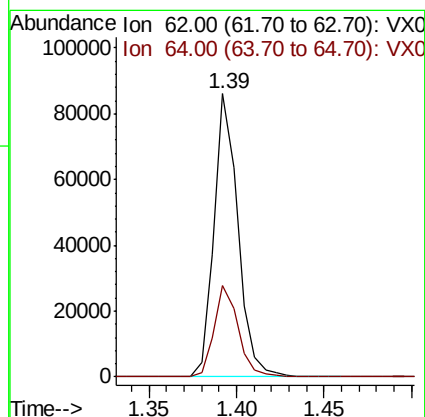
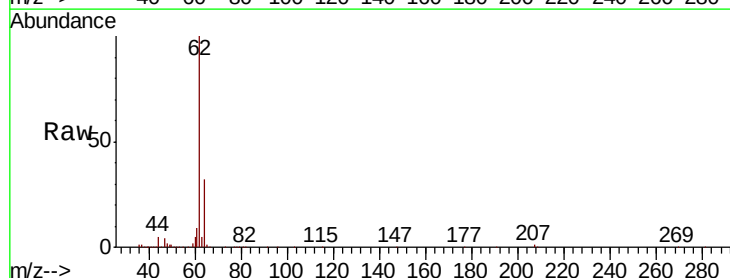
Acq: 08 May 2020 09:58

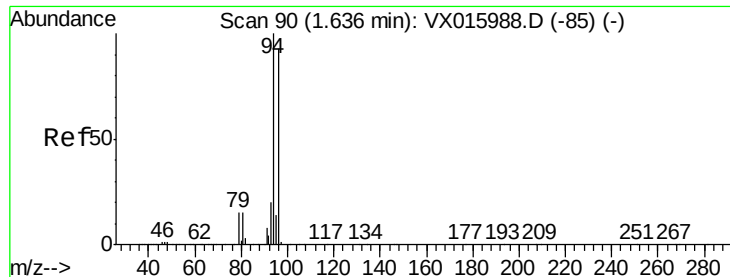
Tgt Ion: 62 Resp: 81375

Ion Ratio Lower Upper

62 100

64 32.5 26.3 39.5





#5

Bromomethane

Concen: 21.302 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX016109.D

Acq: 08 May 2020 09:58

Instrument :

MSVOA_X

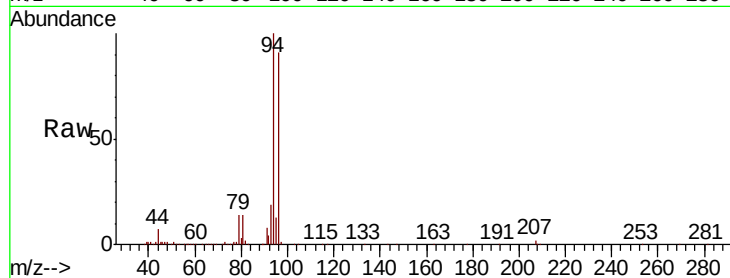
ClientSampleId :

Tot Ion: 94 Resp: 52154

Ion Ratio Lower Upper

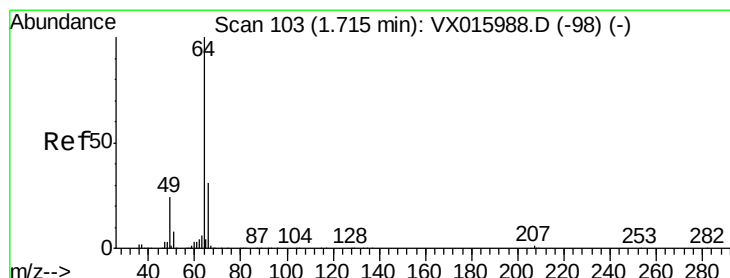
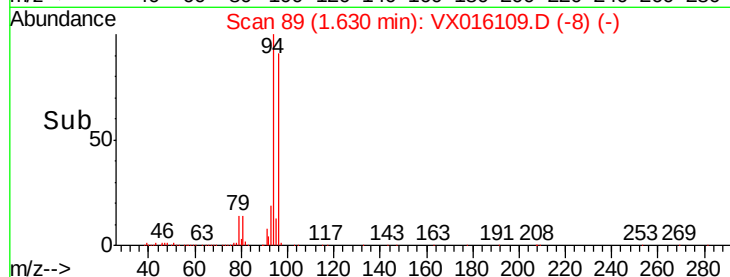
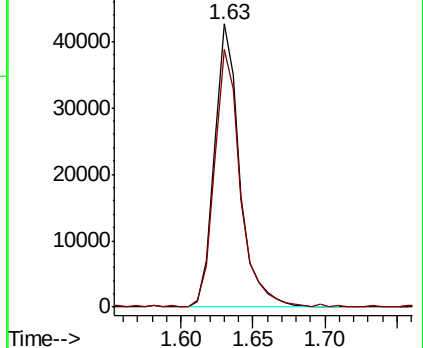
94 100

96 90.8 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: 18.647 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX016109.D

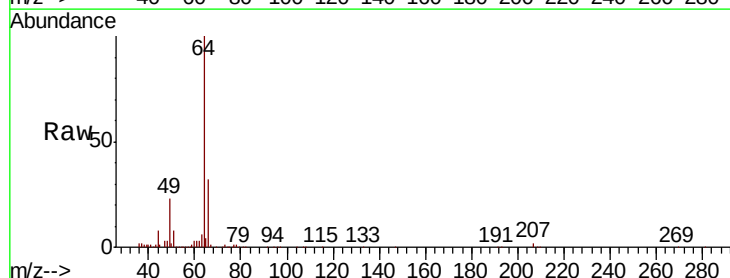
Acq: 08 May 2020 09:58

Tgt Ion: 64 Resp: 48828

Ion Ratio Lower Upper

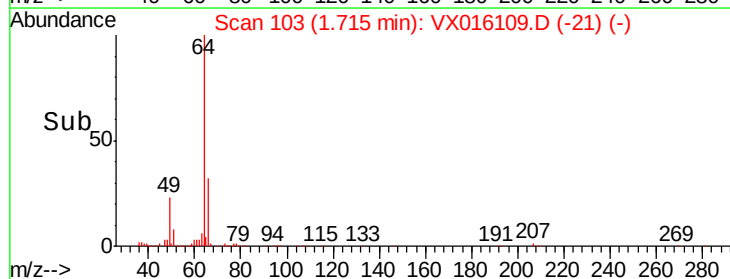
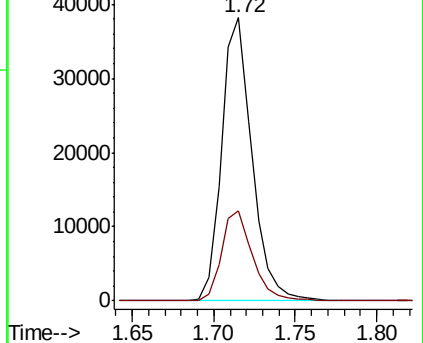
64 100

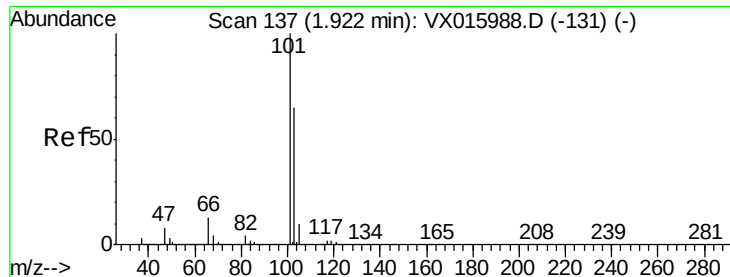
66 31.8 24.9 37.3



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



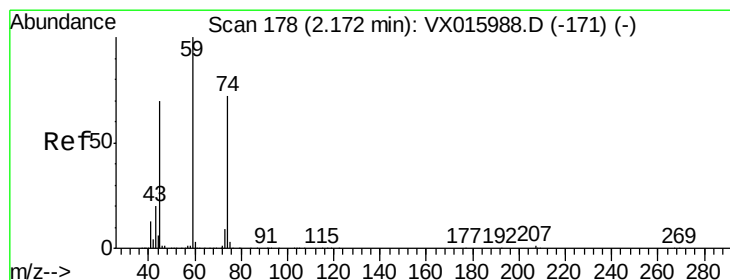
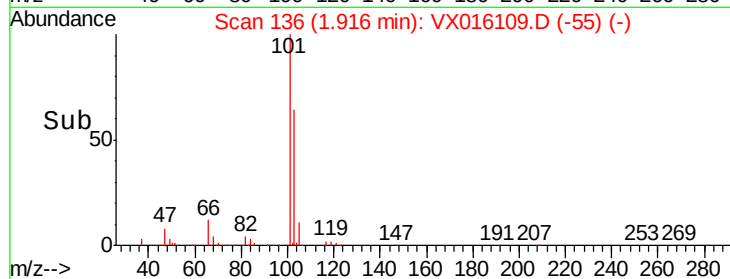
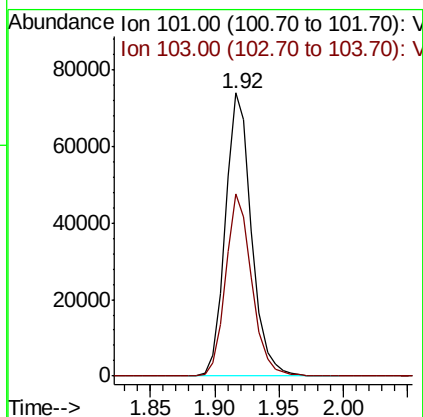
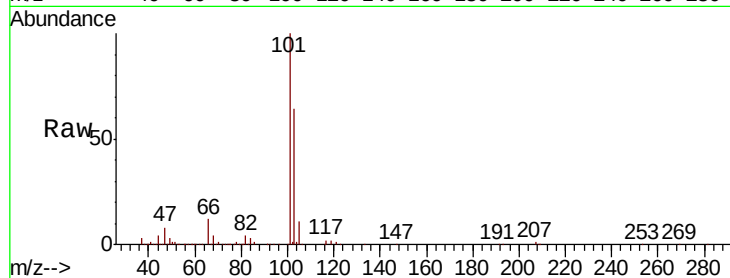


#7

Trichlorofluoromethane
Concen: 18.433 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX016109.D
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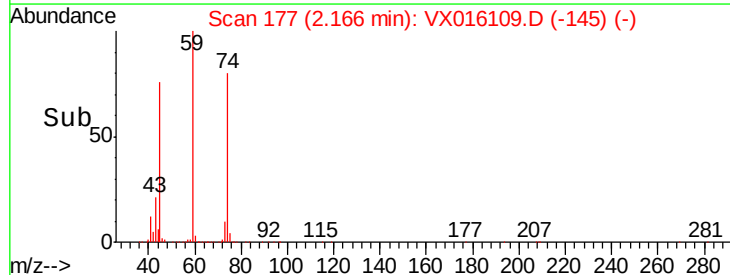
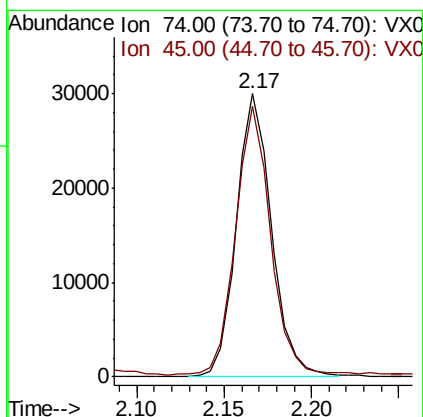
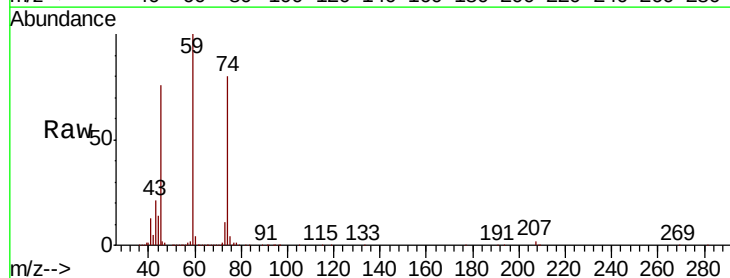
Tot Ion:101 Resp: 105462
Ion Ratio Lower Upper
101 100
103 64.3 51.8 77.8

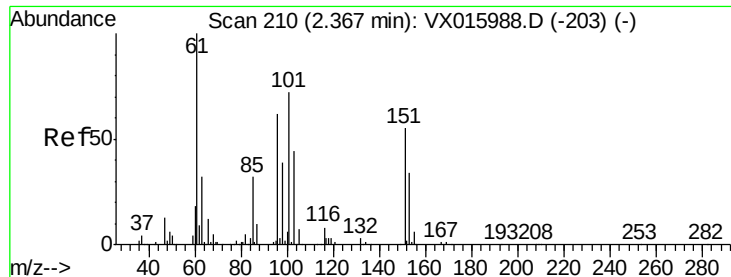


#8

Diethyl Ether
Concen: 18.257 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX016109.D
Acq: 08 May 2020 09:58

Tgt Ion: 74 Resp: 41693
Ion Ratio Lower Upper
74 100
45 94.0 19.4 174.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.610 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016109.D

Acq: 08 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

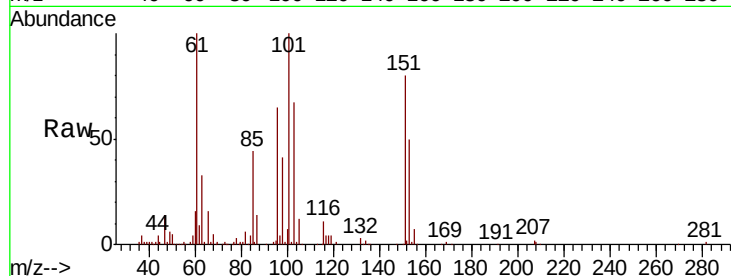
Tot Ion:101 Resp: 60895

Ion Ratio Lower Upper

101 100

85 43.3 0.0 90.6

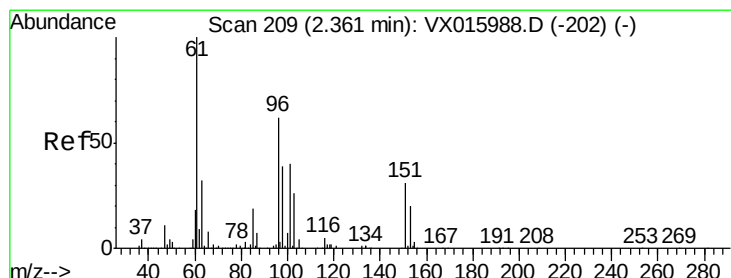
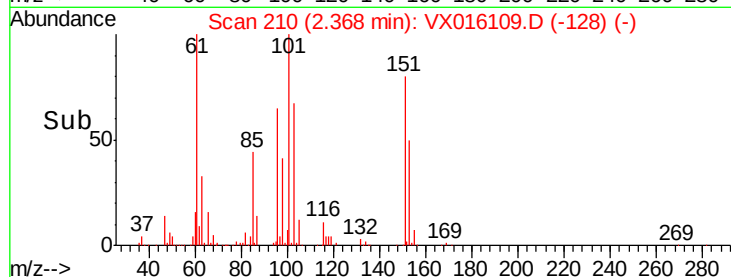
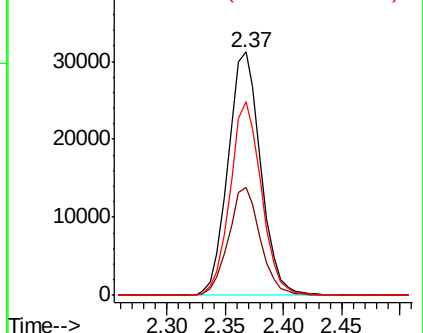
151 76.4 0.0 157.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.699 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX016109.D

Acq: 08 May 2020 09:58

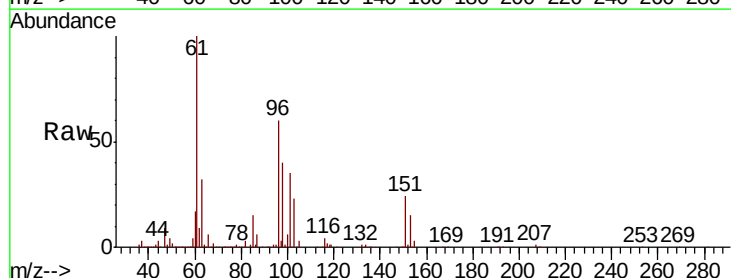
Tgt Ion: 96 Resp: 58724

Ion Ratio Lower Upper

96 100

61 167.9 129.8 194.8

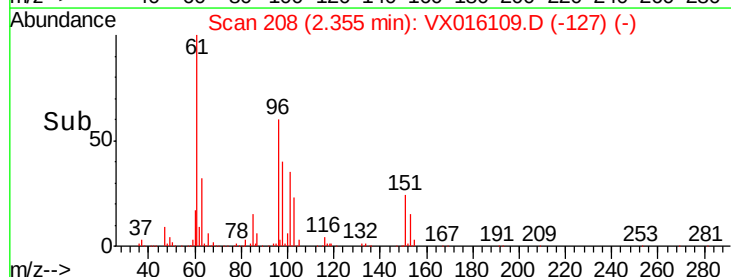
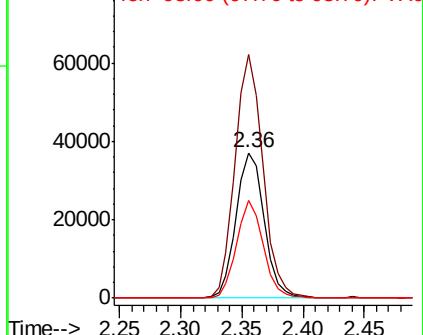
98 67.1 51.1 76.7

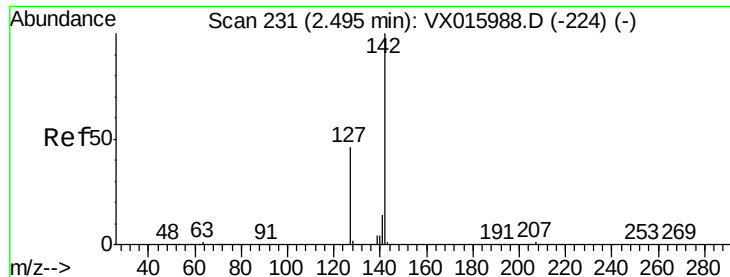


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

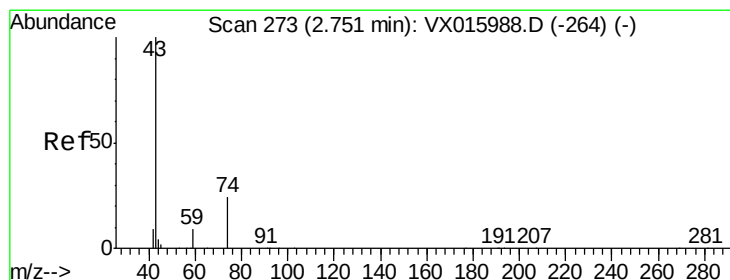
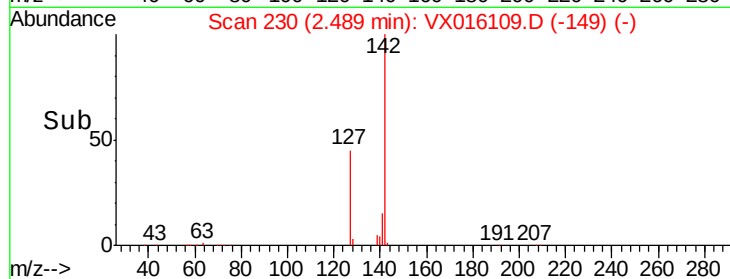
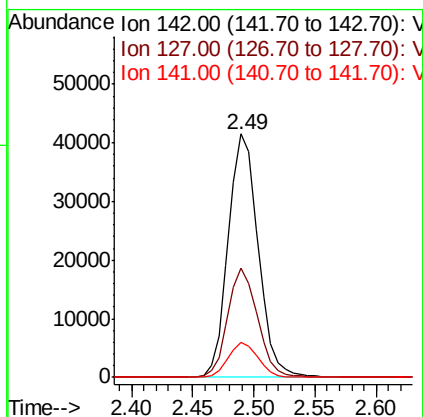
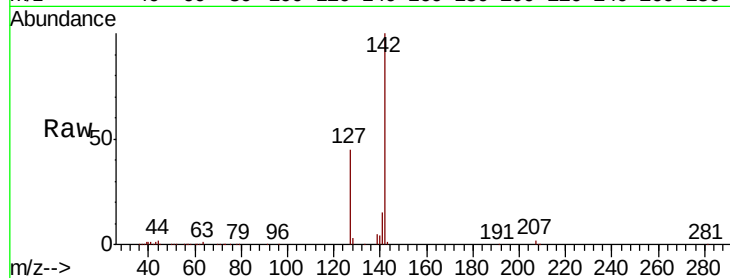




#11
Methvl Iodide
Concen: 17.316 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX016109.D
Acq: 08 May 2020 09:58

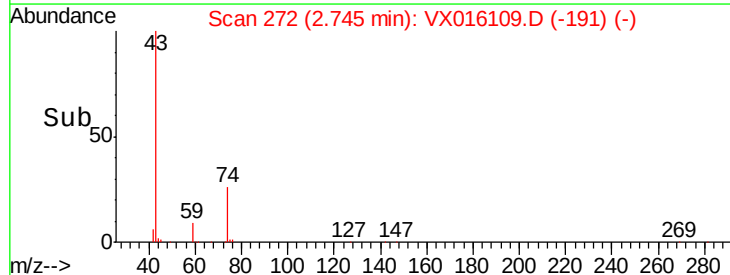
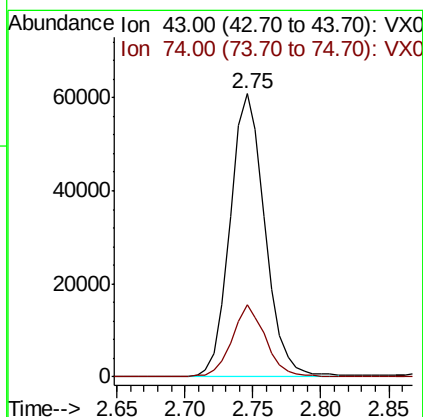
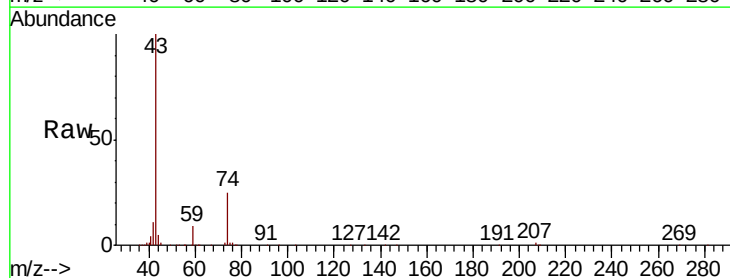
Instrument :
MSVOA_X
ClientSampled :

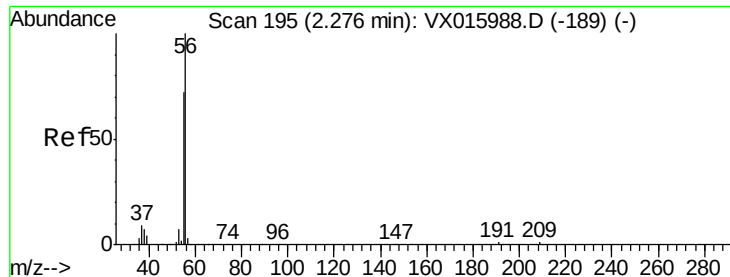
Tot Ion:142 Resp: 70467
Ion Ratio Lower Upper
142 100
127 44.9 22.8 68.4
141 14.6 7.0 21.1



#12
Methyl Acetate
Concen: 20.647 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016109.D
Acq: 08 May 2020 09:58

Tgt Ion: 43 Resp: 107461
Ion Ratio Lower Upper
43 100
74 25.2 19.0 28.4





#13

Acrolein

Concen: 87.447 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX016109.D

Acq: 08 May 2020 09:58

Instrument :

MSVOA_X

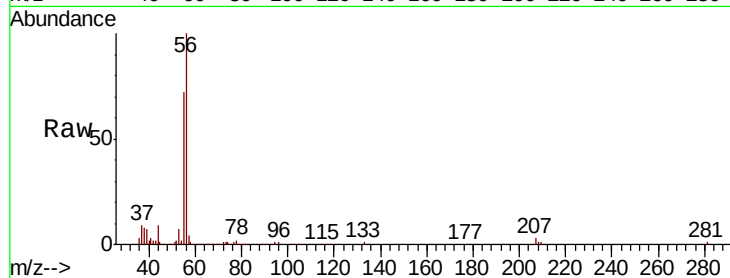
ClientSampleId :

Tot Ion: 56 Resp: 36486

Ion Ratio Lower Upper

56 100

55 70.4 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

25000

20000

15000

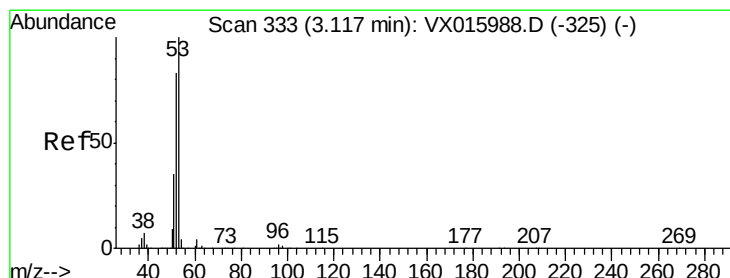
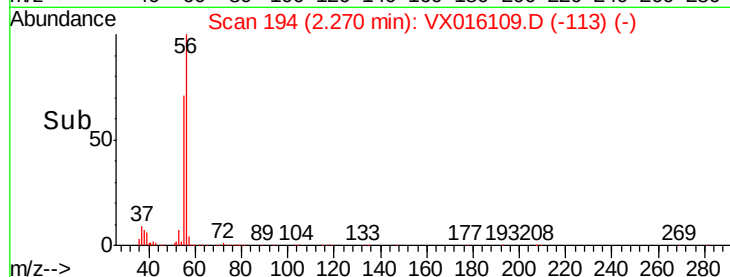
10000

5000

0

2.20 2.25 2.30 2.35

Time-->



#14

Acrylonitrile

Concen: 102.194 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016109.D

Acq: 08 May 2020 09:58

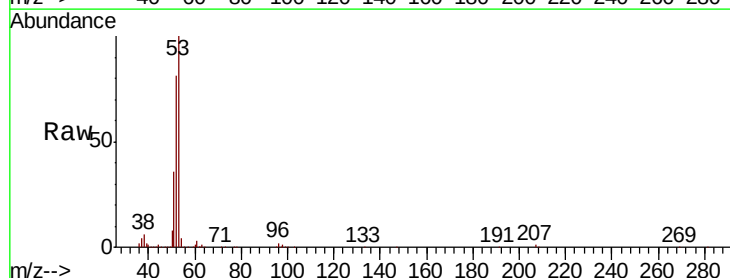
Tgt Ion: 53 Resp: 196464

Ion Ratio Lower Upper

53 100

52 81.3 41.2 123.6

51 35.9 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

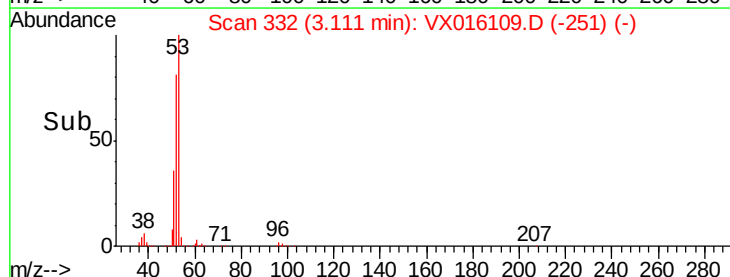
100000

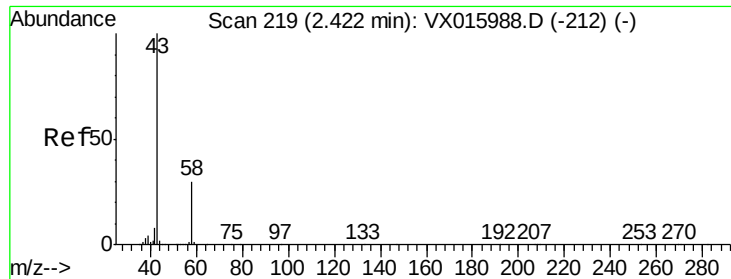
50000

0

3.00 3.10 3.20

Time-->





#15

Acetone

Concen: 105.417 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016109.D

Acq: 08 May 2020 09:58

Instrument :

MSVOA_X

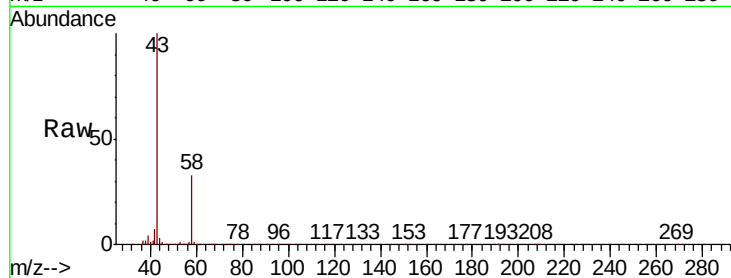
ClientSampleId :

Tot Ion: 58 Resp: 53634

Ion Ratio Lower Upper

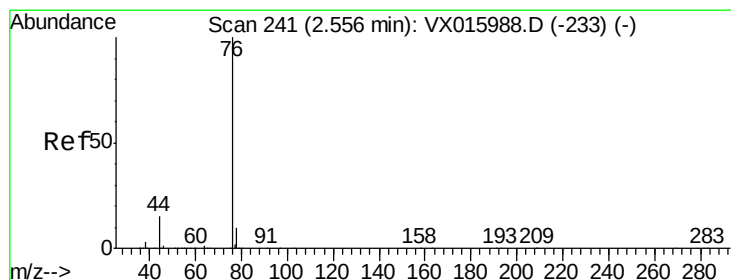
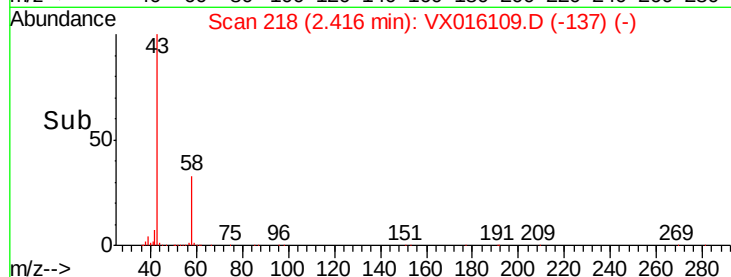
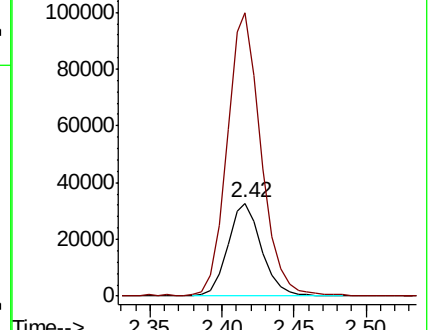
58 100

43 305.2 264.2 396.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 20.483 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VX016109.D

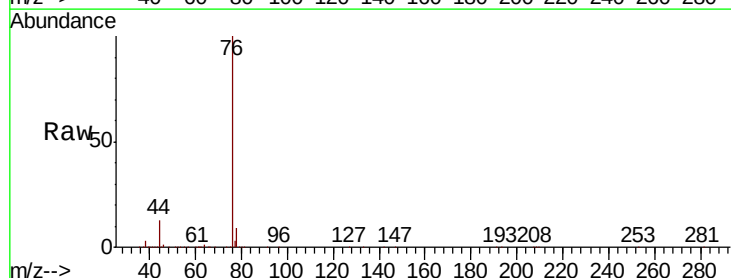
Acq: 08 May 2020 09:58

Tgt Ion: 76 Resp: 185754

Ion Ratio Lower Upper

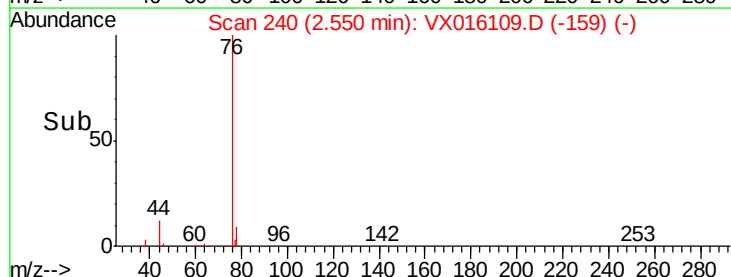
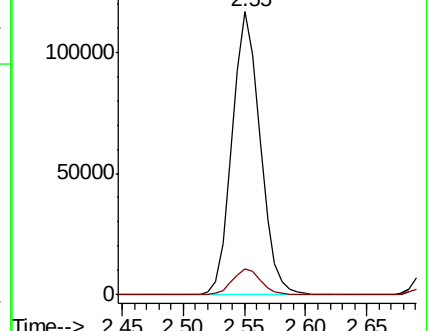
76 100

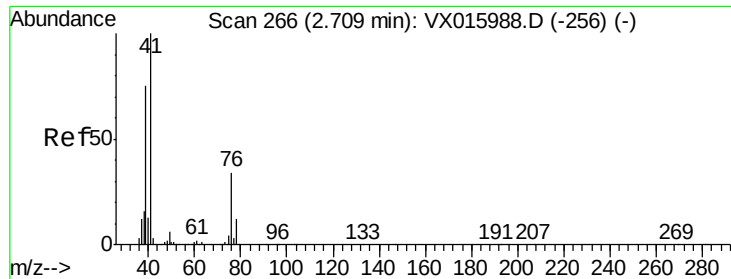
78 9.1 7.7 11.5



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

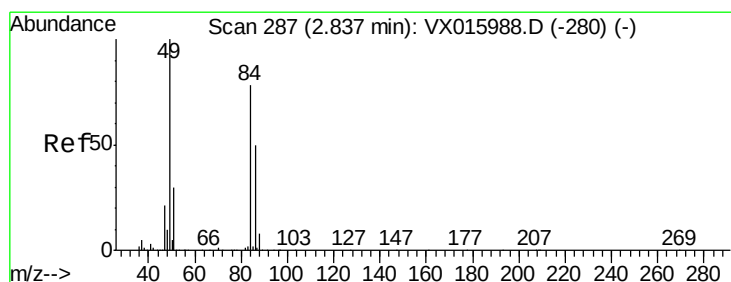
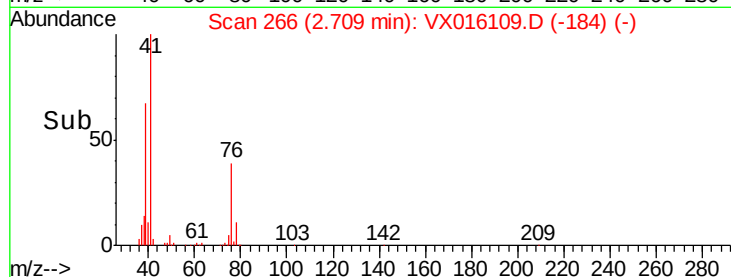
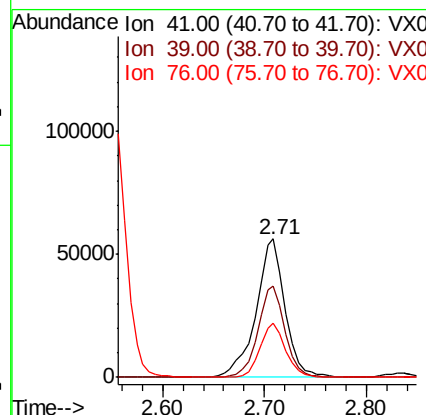
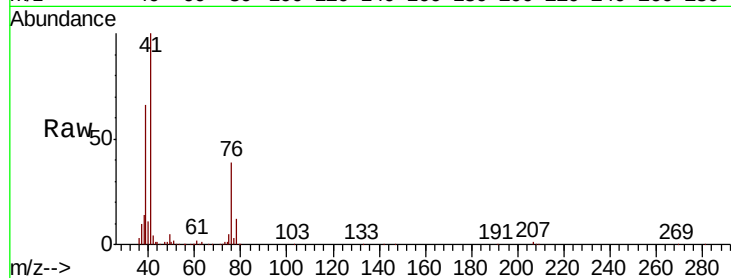




#17
Allvl chloride
Concen: 20.154 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX016109.D
Acq: 08 May 2020 09:58

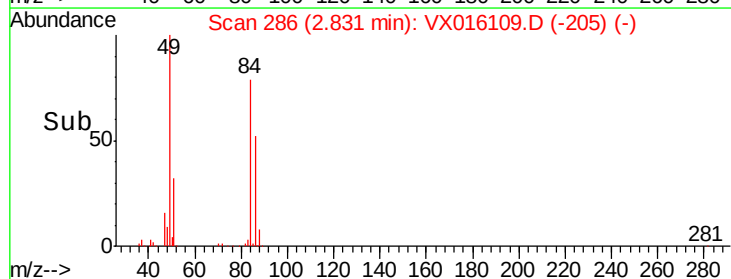
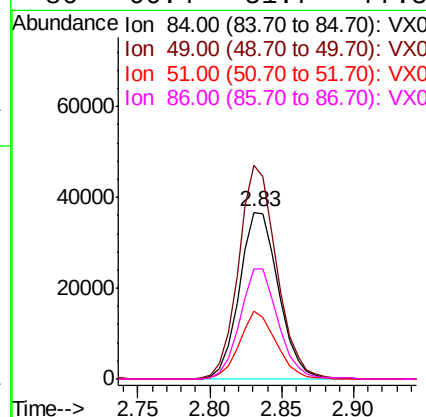
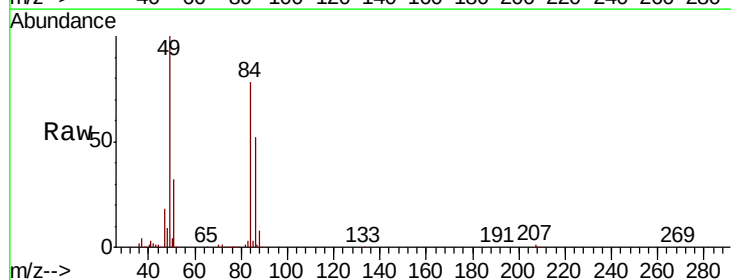
Instrument :
MSVOA_X
ClientSampleId :

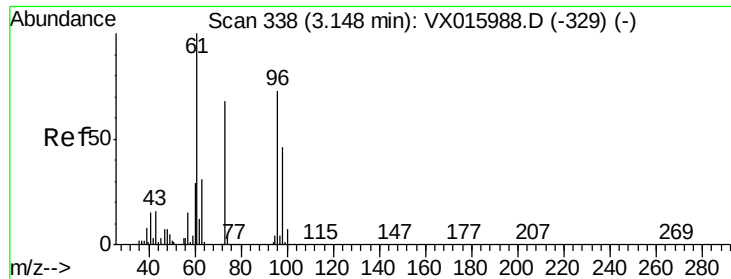
Tot Ion: 41 Resp: 111451
Ion Ratio Lower Upper
41 100
39 66.3 37.6 112.8
76 38.9 17.2 51.5



#18
Methylene Chloride
Concen: 20.794 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016109.D
Acq: 08 May 2020 09:58

Tgt Ion: 84 Resp: 69439
Ion Ratio Lower Upper
84 100
49 128.2 103.0 154.4
51 40.6 31.4 47.0
86 66.4 51.7 77.5

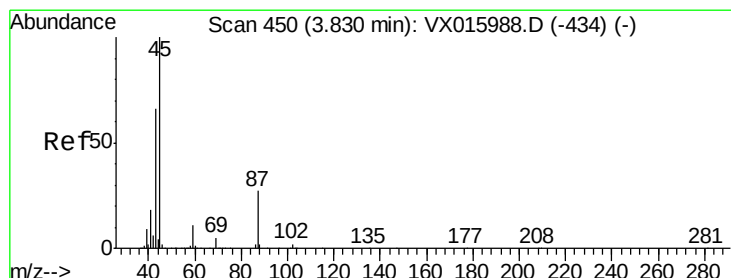
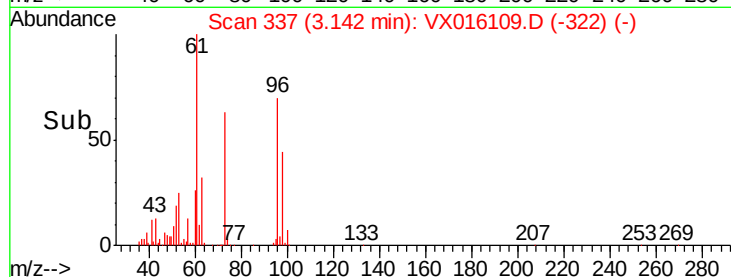
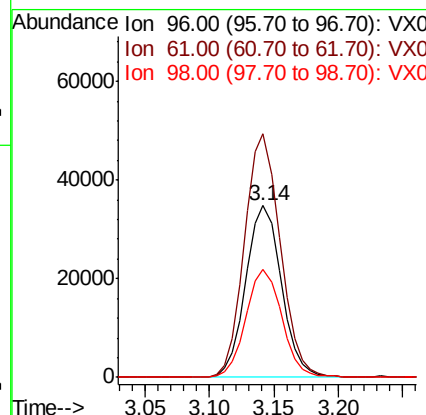
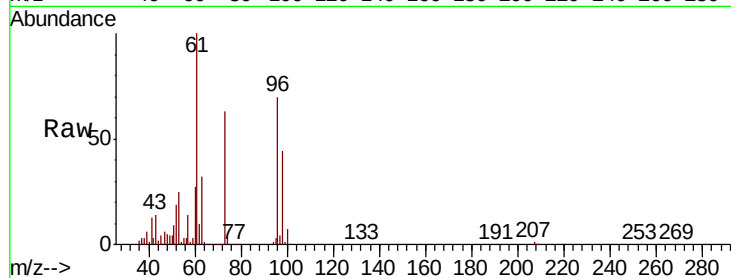




#19
trans-1,2-Dichloroethene
Concen: 20.466 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.01 min
Lab File: VX016109.D
Acq: 08 May 2020 09:58

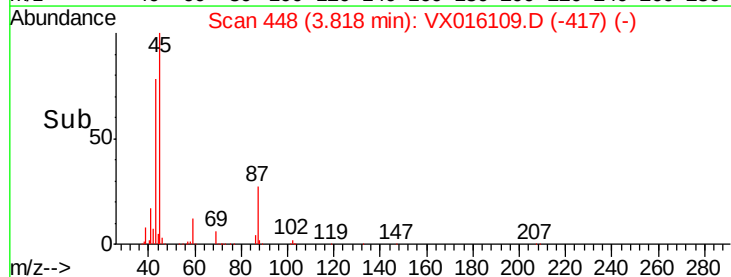
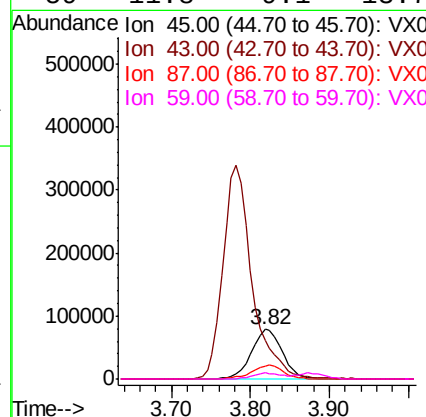
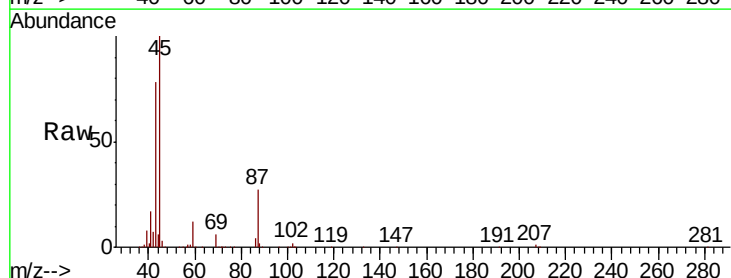
Instrument :
MSVOA_X
ClientSampleId :

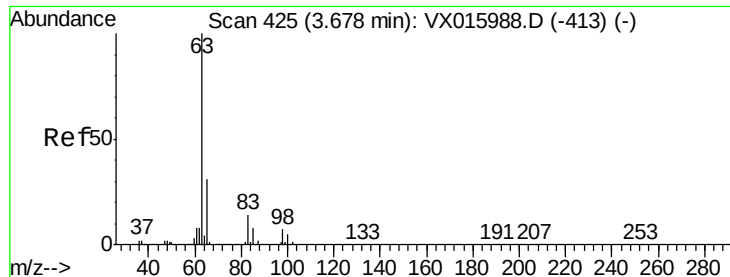
Tot Ion: 96 Resp: 66728
Ion Ratio Lower Upper
96 100
61 142.1 109.0 163.4
98 63.1 50.0 75.0



#20
Diisopropyl ether
Concen: 20.068 ug/l
RT: 3.82 min Scan# 448
Delta R.T. -0.01 min
Lab File: VX016109.D
Acq: 08 May 2020 09:58

Tgt Ion: 45 Resp: 213968
Ion Ratio Lower Upper
45 100
43 77.6 53.0 79.4
87 27.0 21.9 32.9
59 11.8 9.1 13.7





#21

1,1-Dichloroethane

Concen: 20.382 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016109.D

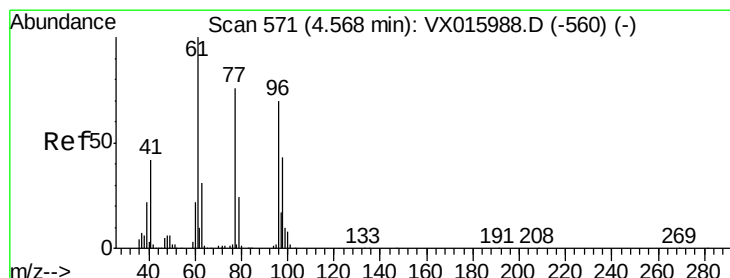
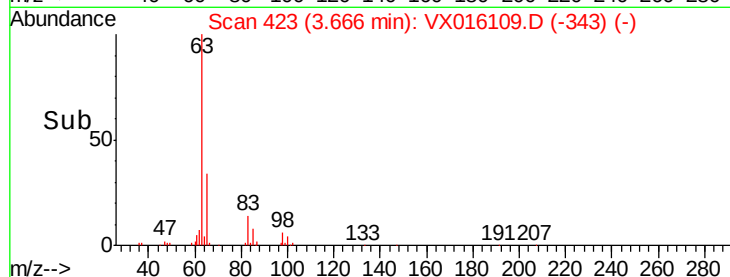
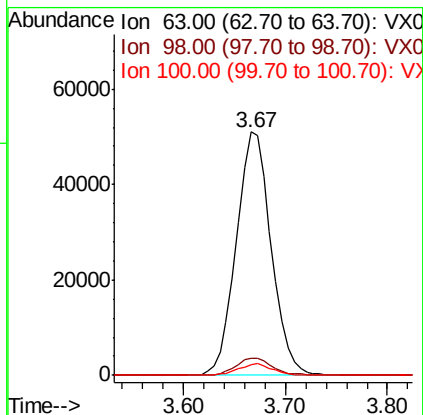
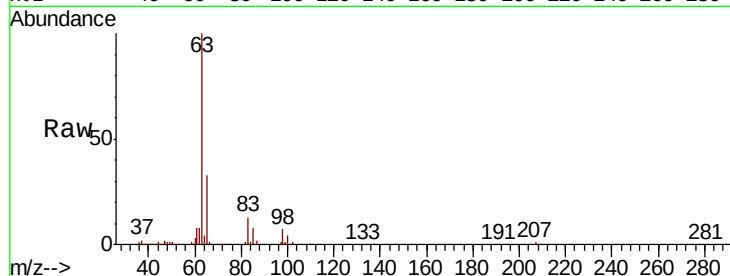
Acq: 08 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	63	Resp:	121177
Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.5	10.4
100	4.4	2.3	6.9



#22

cis-1,2-Dichloroethene

Concen: 19.864 ug/l

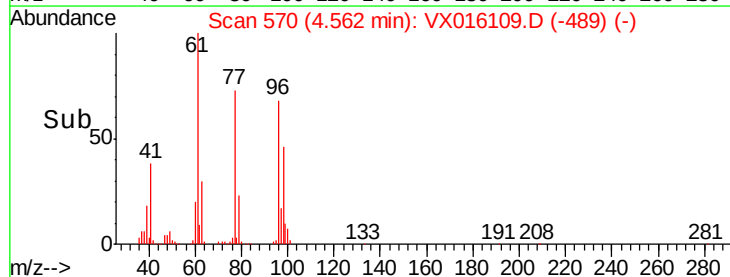
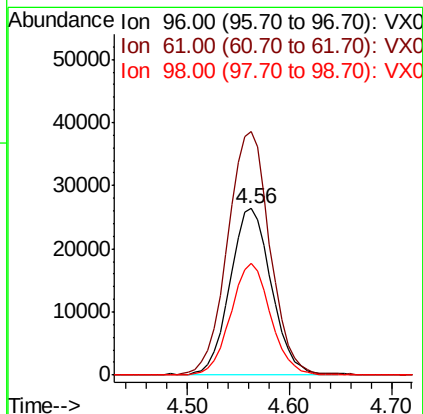
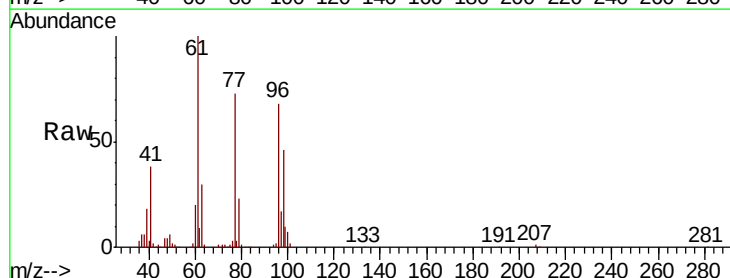
RT: 4.56 min Scan# 570

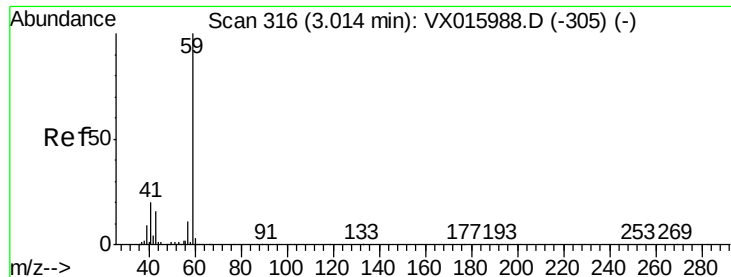
Delta R.T. -0.01 min

Lab File: VX016109.D

Acq: 08 May 2020 09:58

Tgt Ion:	96	Resp:	73497
Ion	Ratio	Lower	Upper
96	100		
61	151.6	121.6	182.4
98	65.6	51.9	77.9



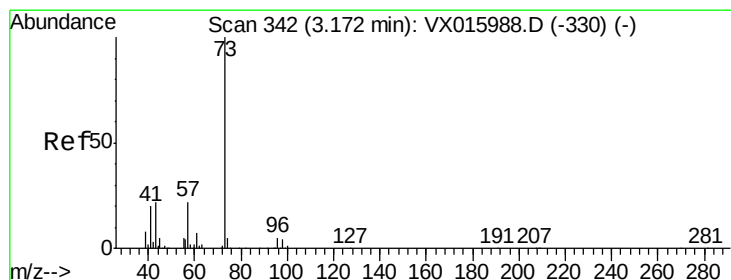
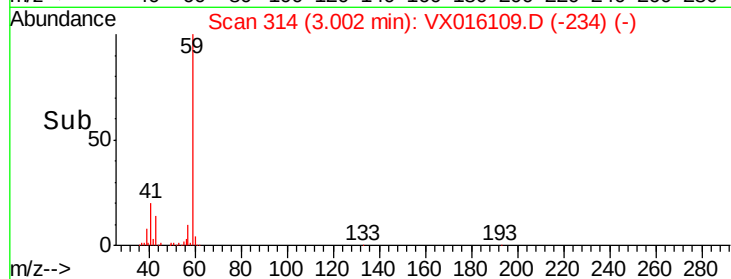
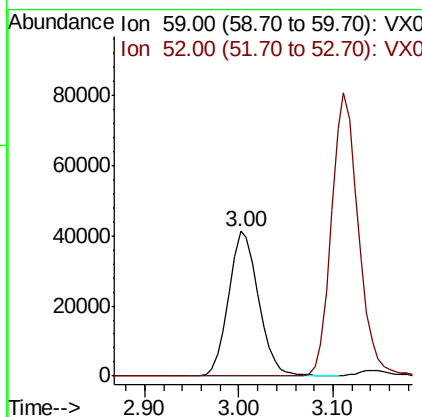
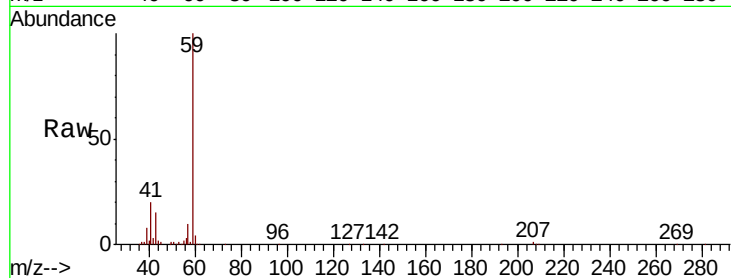


#23

tert-Butyl Alcohol
 Concen: 97.170 ug/l
 RT: 3.00 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX016109.D
 Acq: 08 May 2020 09:58

Instrument :
 MSVOA_X
 ClientSampleId :

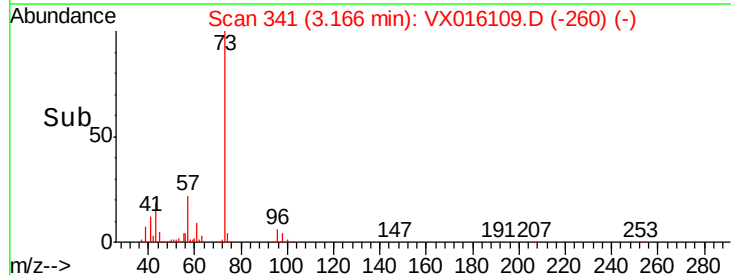
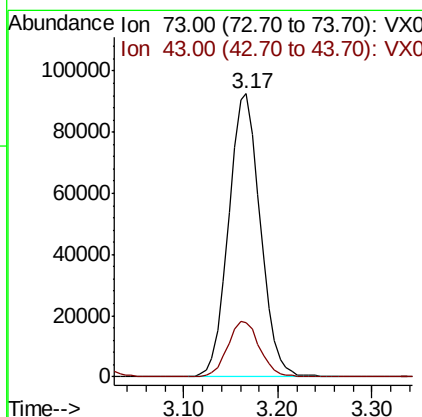
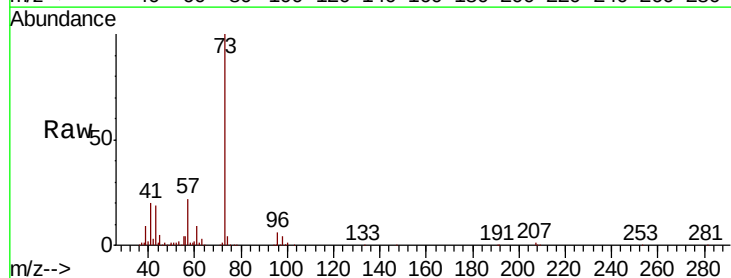
Tot Ion: 59 Resp: 91444
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.1 0.1#

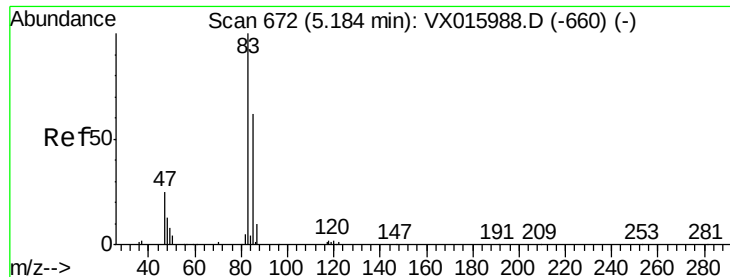


#24

Methyl tert-Butyl Ether
 Concen: 20.144 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX016109.D
 Acq: 08 May 2020 09:58

Tgt Ion: 73 Resp: 215649
 Ion Ratio Lower Upper
 73 100
 43 19.5 17.8 26.6





#25

Chloroform

Concen: 20.078 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX016109.D

Acq: 08 May 2020 09:58

Instrument :

MSVOA_X

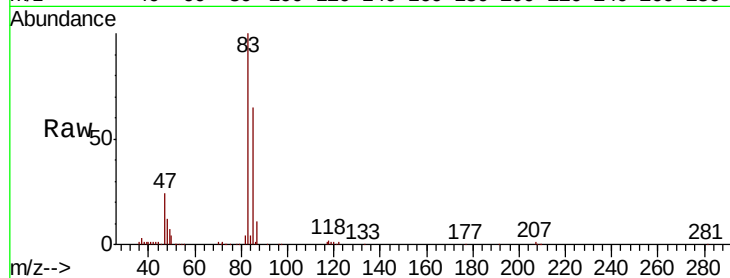
ClientSampled :

Tot Ion: 83 Resp: 121233

Ion Ratio Lower Upper

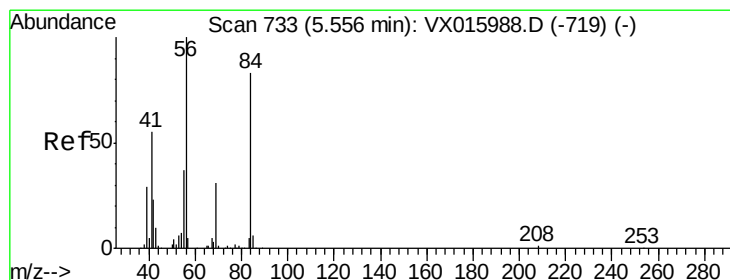
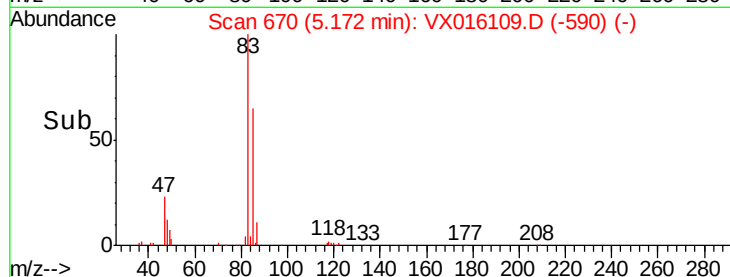
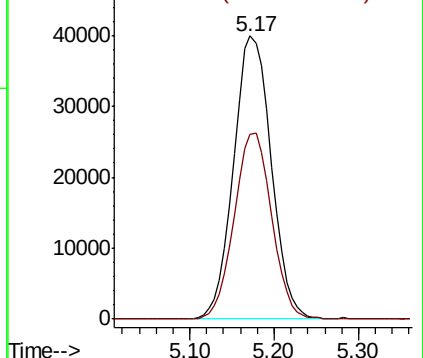
83 100

85 65.1 49.6 74.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 20.579 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.01 min

Lab File: VX016109.D

Acq: 08 May 2020 09:58

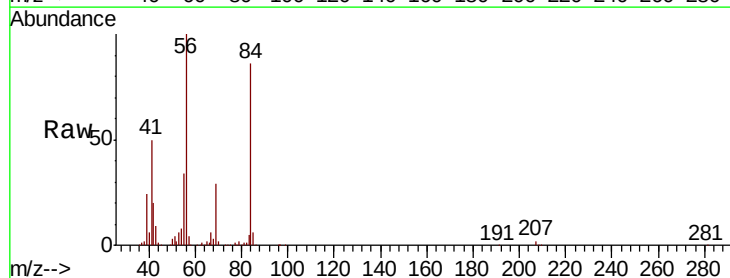
Tgt Ion: 56 Resp: 111877

Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

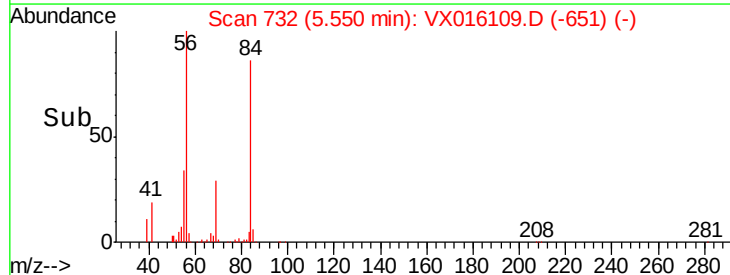
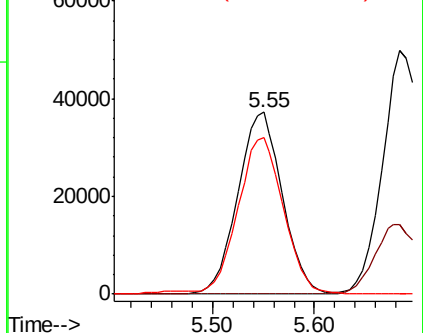
84 88.5 70.1 105.1

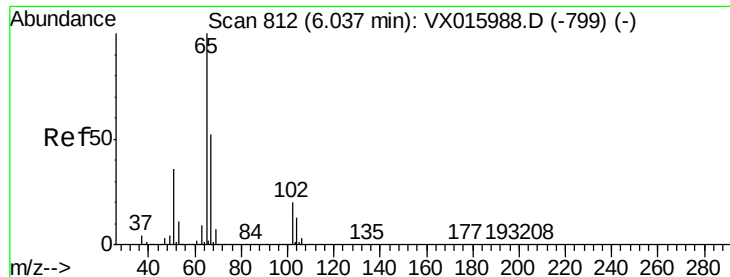


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 29.171 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX016109.D

Acq: 08 May 2020 09:58

Instrument :

MSVOA_X

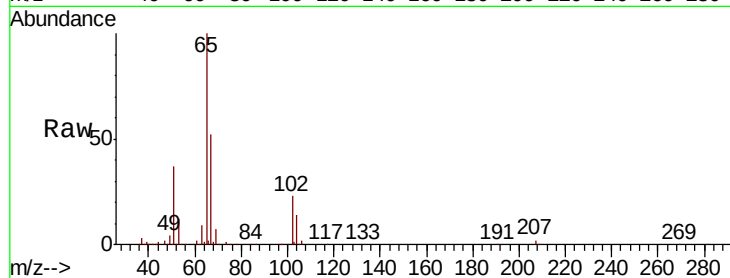
ClientSampleId :

Tot Ion: 65 Resp: 116792

Ion Ratio Lower Upper

65 100

67 52.6 41.0 61.4



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

6.03

40000

30000

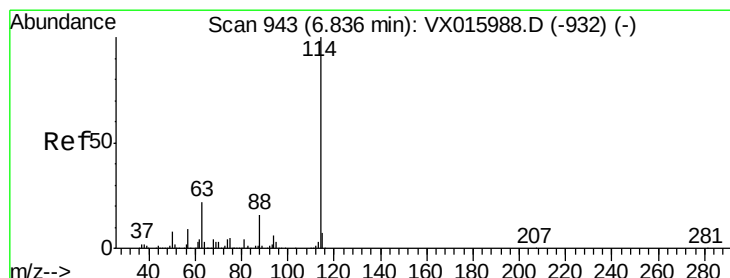
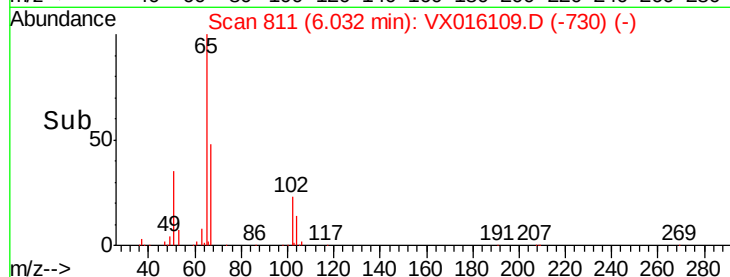
20000

10000

0

5.90 6.00 6.10

Time-->



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX016109.D

Acq: 08 May 2020 09:58

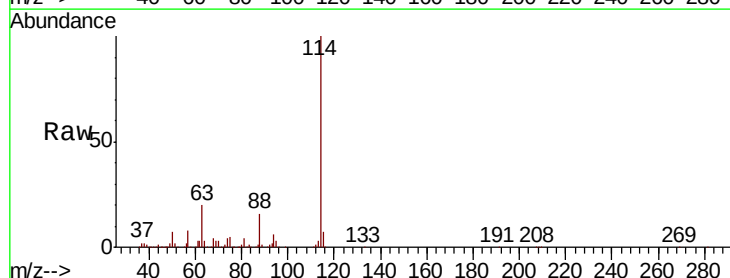
Tgt Ion: 114 Resp: 298247

Ion Ratio Lower Upper

114 100

63 20.9 17.1 25.7

88 16.3 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

150000

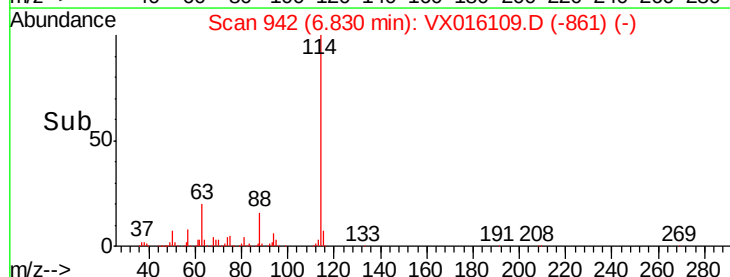
100000

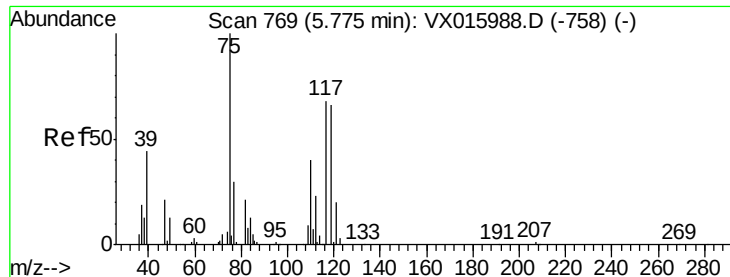
50000

0

6.70 6.80 6.90

Time-->





#29

1,1-Dichloropropene

Concen: 19.855 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX016109.D

Acq: 08 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

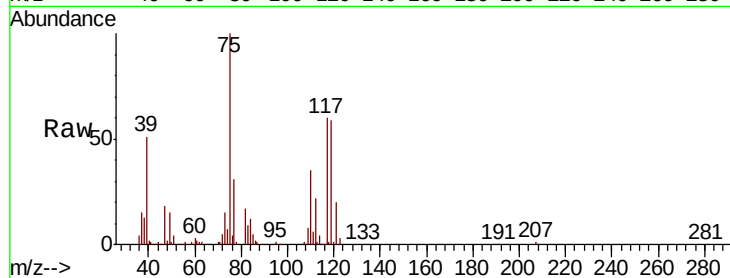
Tot Ion: 75 Resp: 93136

Ion Ratio Lower Upper

75 100

110 35.2 0.0 71.0

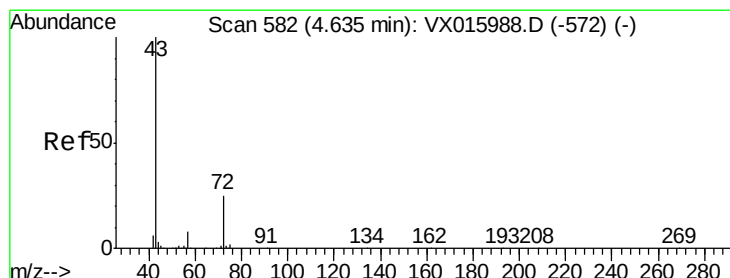
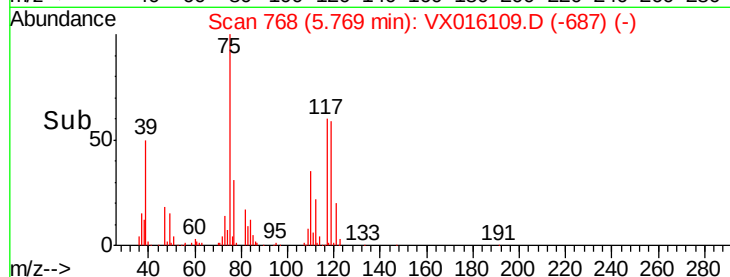
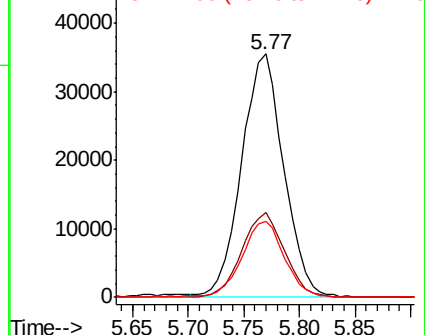
77 31.5 0.0 64.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 93.427 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016109.D

Acq: 08 May 2020 09:58

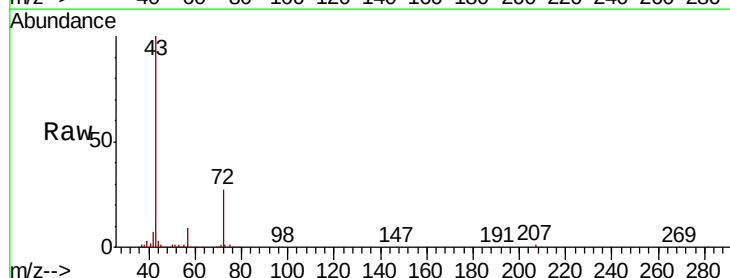
Tgt Ion: 43 Resp: 261130

Ion Ratio Lower Upper

43 100

57 8.5 6.3 9.5

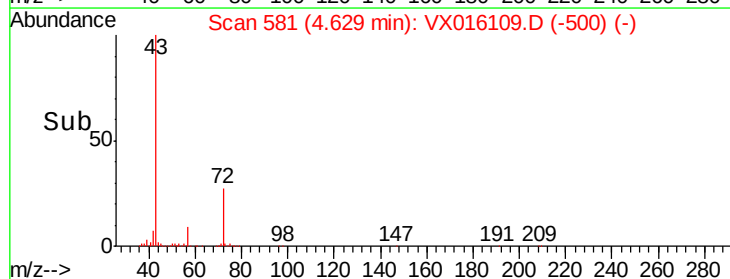
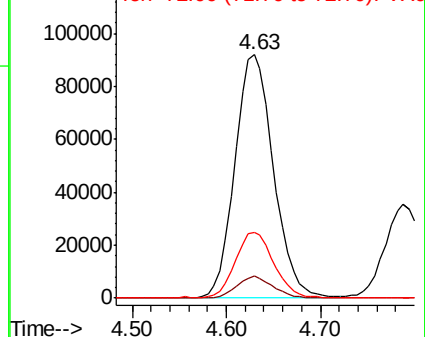
72 27.3 20.8 31.2

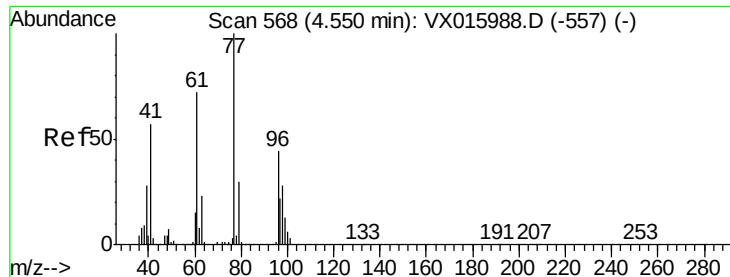


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

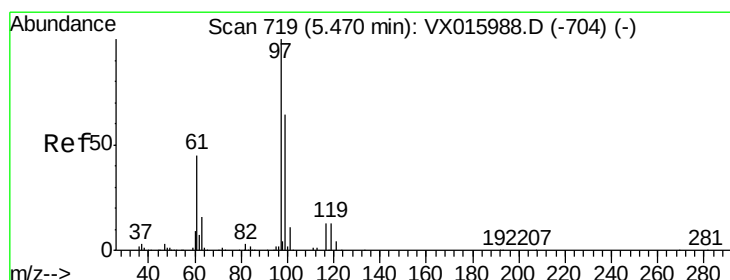
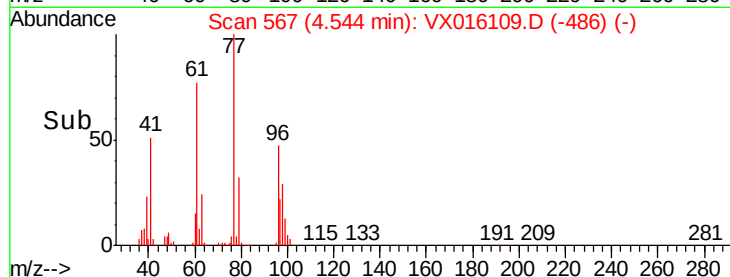
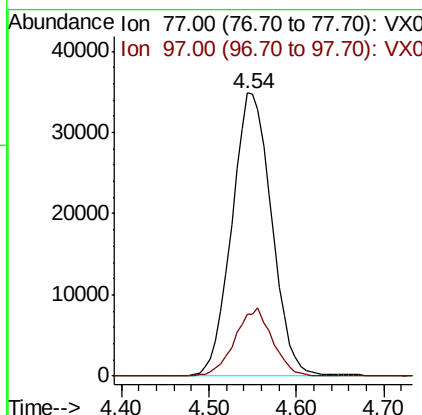
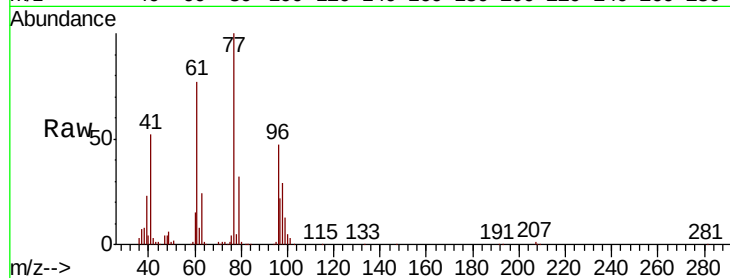




#31
 2,2-Dichloropropane
 Concen: 19.427 ug/l
 RT: 4.54 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: VX016109.D
 Acq: 08 May 2020 09:58

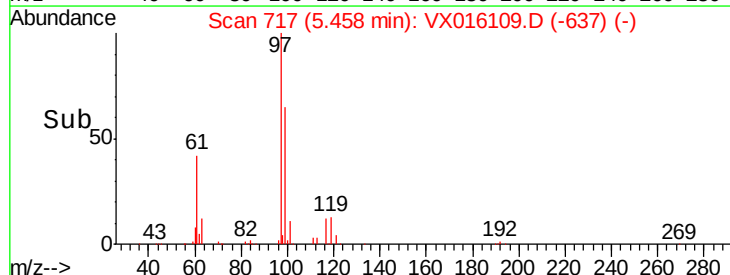
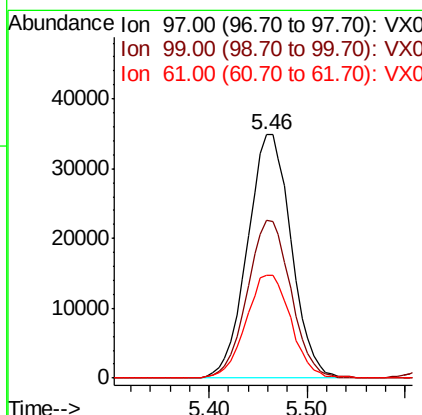
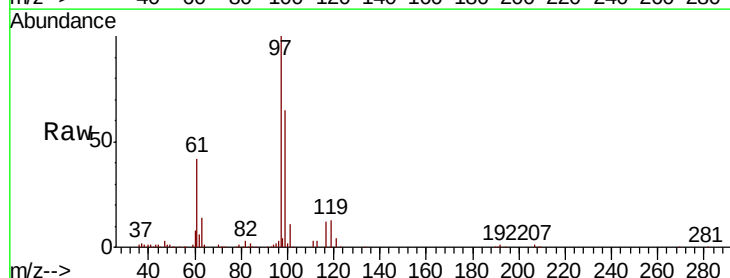
Instrument :
 MSVOA_X
 ClientSampleId :

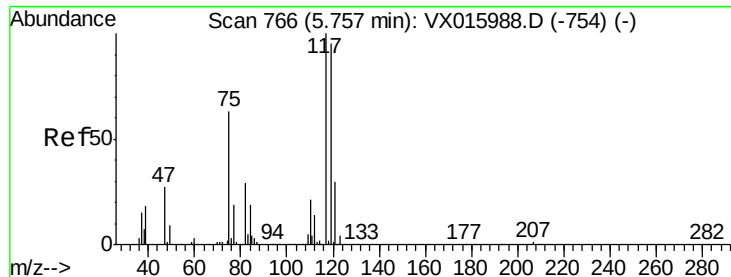
Tot Ion: 77 Resp: 109668
 Ion Ratio Lower Upper
 77 100
 97 22.8 17.8 26.8



#32
 1,1,1-Trichloroethane
 Concen: 19.057 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX016109.D
 Acq: 08 May 2020 09:58

Tgt Ion: 97 Resp: 108437
 Ion Ratio Lower Upper
 97 100
 99 64.4 50.7 76.1
 61 43.3 35.9 53.9

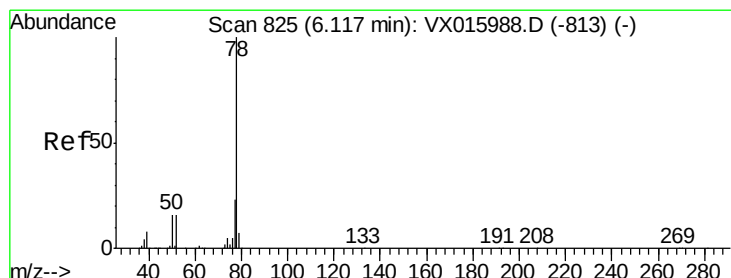
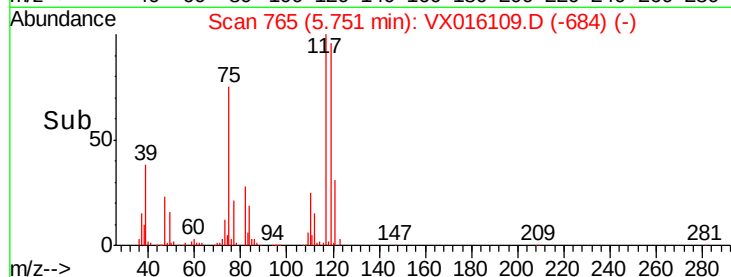
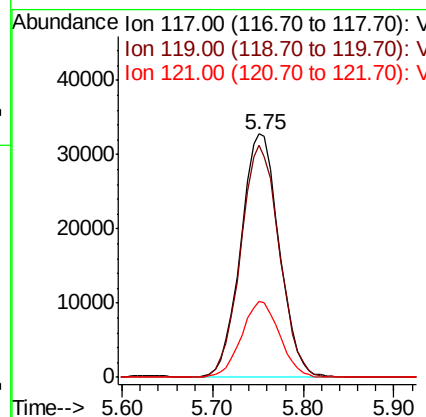
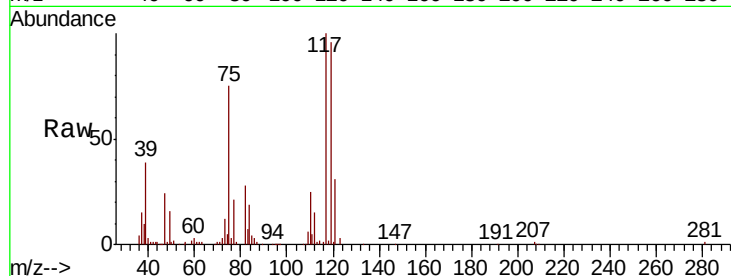




#33
Carbon Tetrachloride
Concen: 19.025 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016109.D
Acq: 08 May 2020 09:58

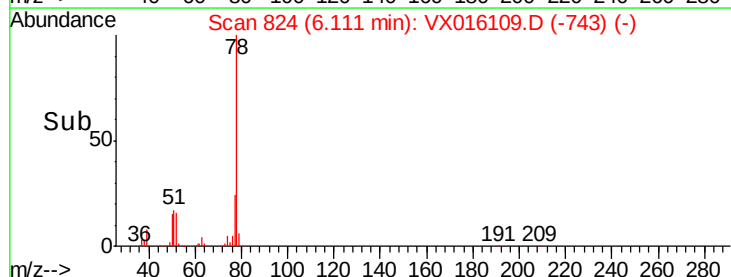
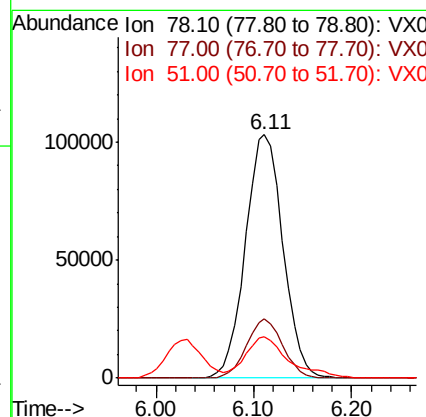
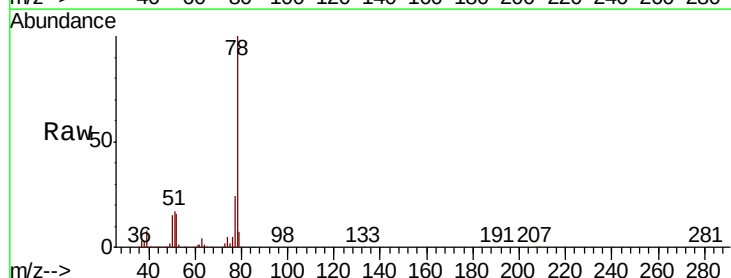
Instrument :
MSVOA_X
ClientSampleId :

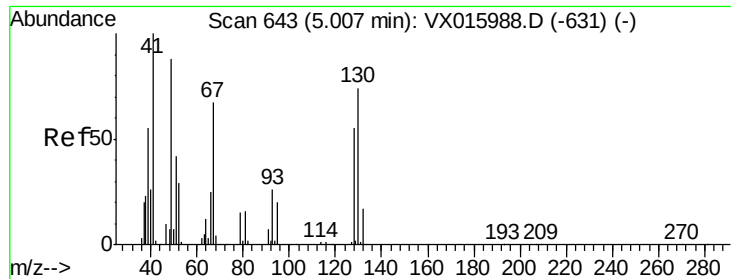
Tot Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.3	114.5
121	31.4	24.2	36.4



#34
Benzene
Concen: 20.033 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016109.D
Acq: 08 May 2020 09:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.7	28.1
51	16.0	12.7	19.1

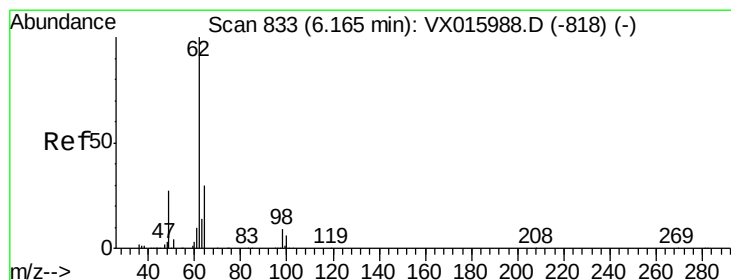
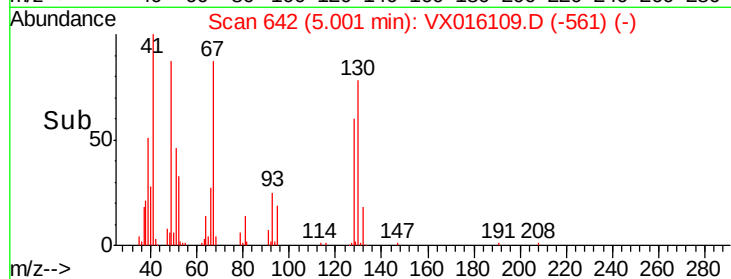
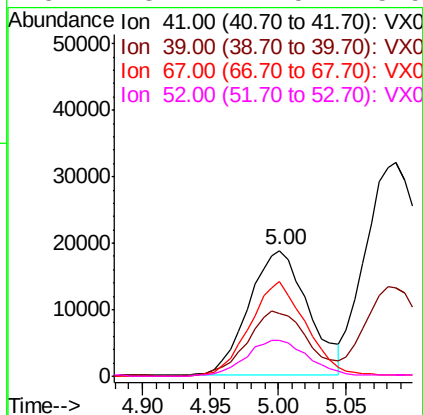
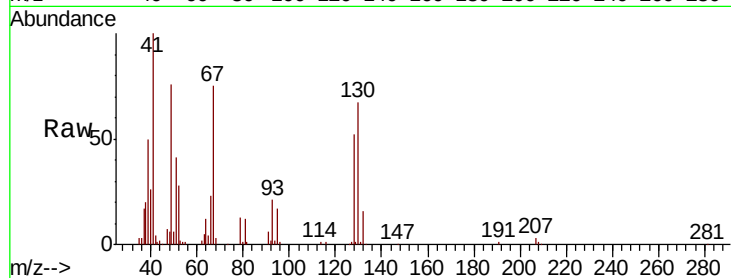




#35
Methacrylonitrile
Concen: 19.362 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016109.D
Acq: 08 May 2020 09:58

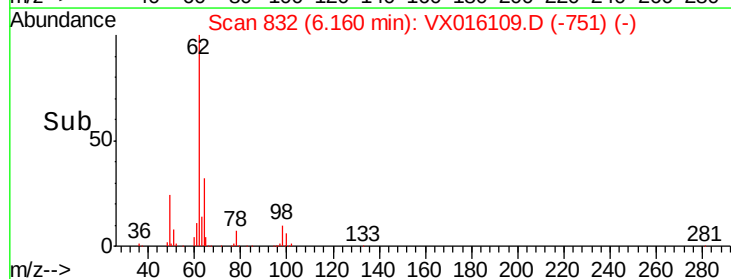
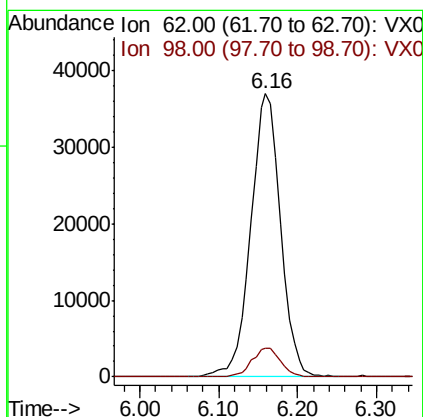
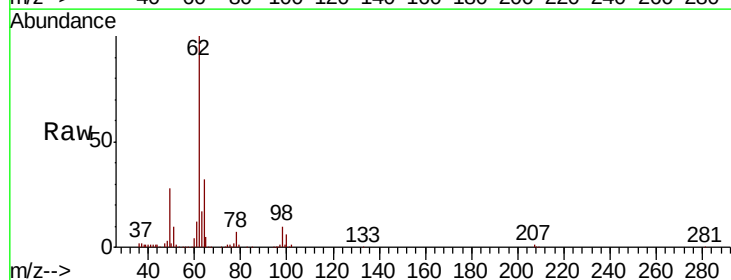
Instrument :
MSVOA_X
ClientSampled :

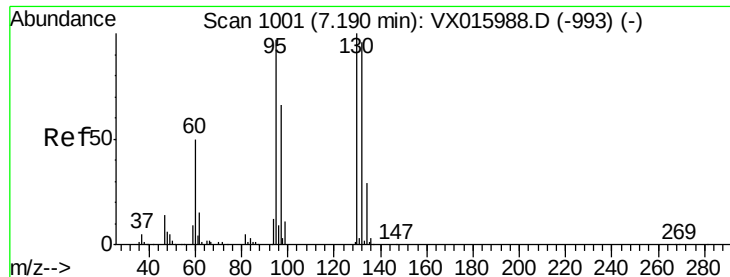
Tot Ion:	41	Resp:	57470
Ion	Ratio	Lower	Upper
41	100		
39	49.8	27.5	82.4
67	75.2	33.6	100.6
52	28.1	14.5	43.5



#36
1,2-Dichloroethane
Concen: 18.567 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016109.D
Acq: 08 May 2020 09:58

Tgt Ion:	62	Resp:	97148
Ion	Ratio	Lower	Upper
62	100		
98	9.9	7.4	11.2

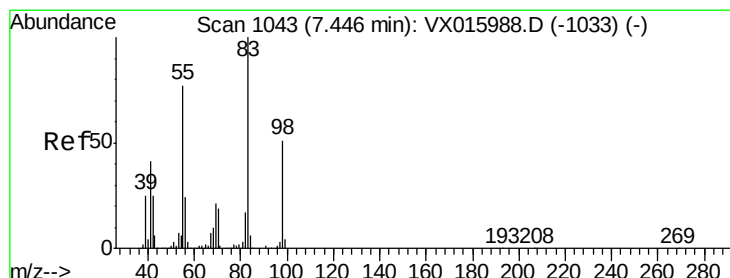
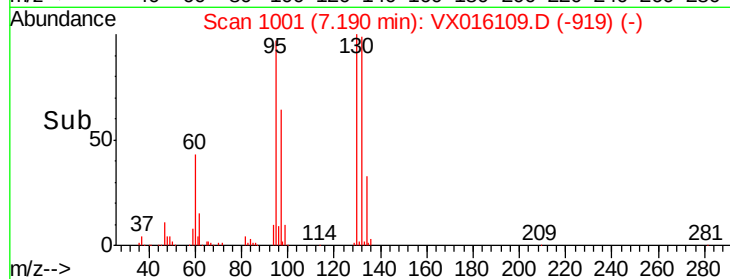
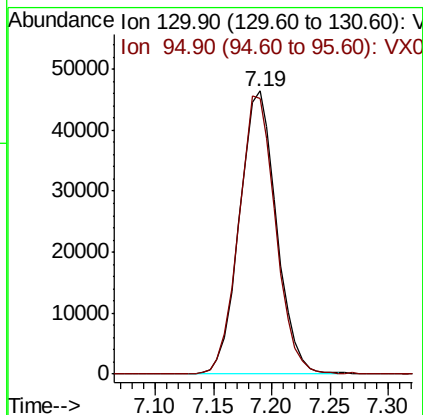
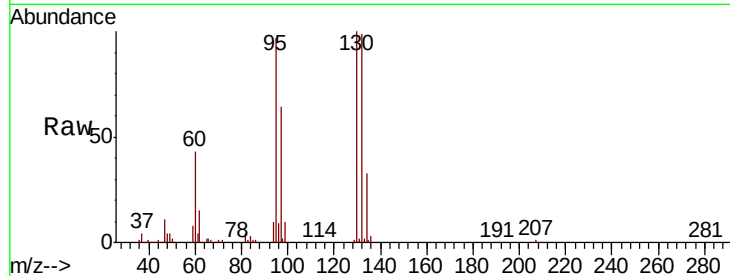




#37
 Trichloroethene
 Concen: 21.112 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016109.D
 Acq: 08 May 2020 09:58

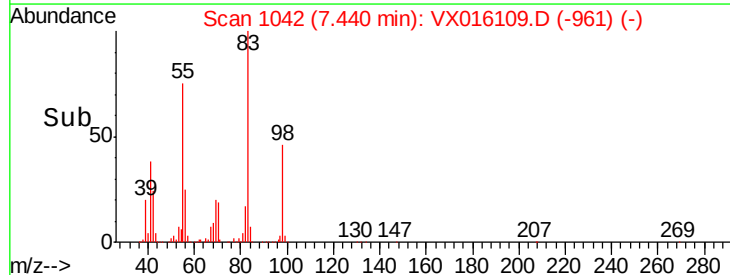
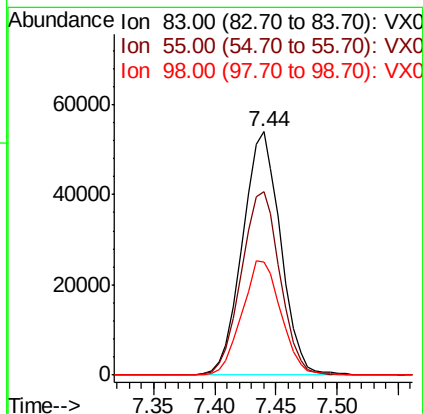
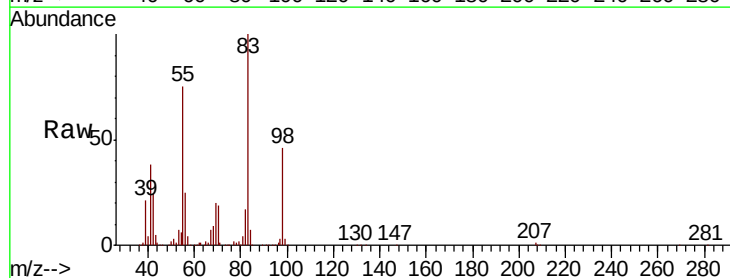
Instrument :
 MSVOA_X
 ClientSampled :

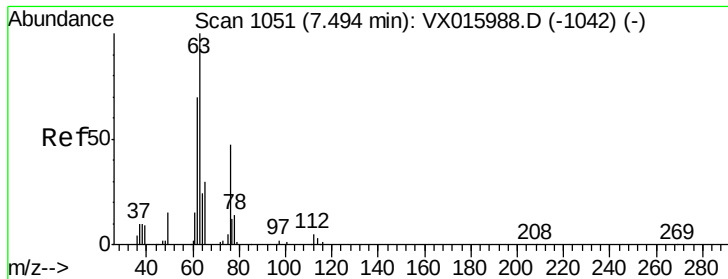
Tot Ion:130 Resp: 102899
 Ion Ratio Lower Upper
 130 100
 95 97.5 77.8 116.8



#38
 Methylcyclohexane
 Concen: 20.392 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX016109.D
 Acq: 08 May 2020 09:58

Tgt Ion: 83 Resp: 116898
 Ion Ratio Lower Upper
 83 100
 55 76.6 38.8 116.4
 98 48.3 25.1 75.3





#39

1,2-Dichloropropane

Concen: 19.745 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016109.D

Acq: 08 May 2020 09:58

Instrument :

MSVOA_X

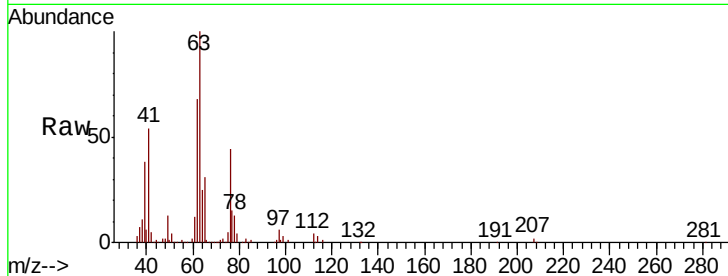
ClientSampled :

Tot Ion: 63 Resp: 69442

Ion Ratio Lower Upper

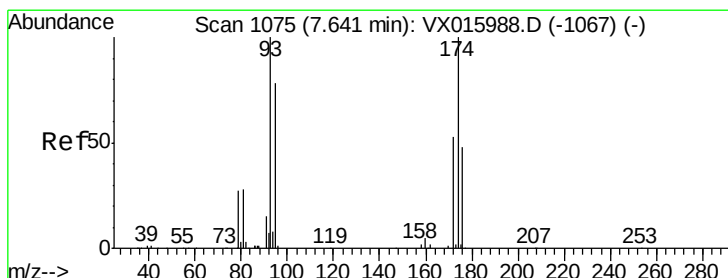
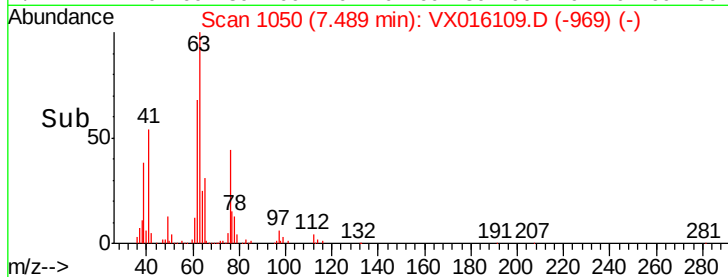
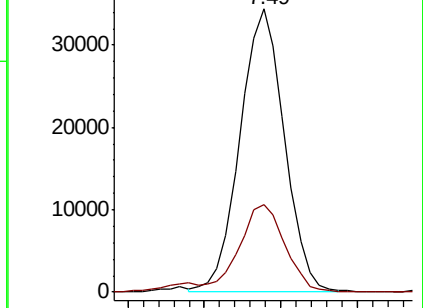
63 100

65 30.8 25.9 38.9



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 19.032 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016109.D

Acq: 08 May 2020 09:58

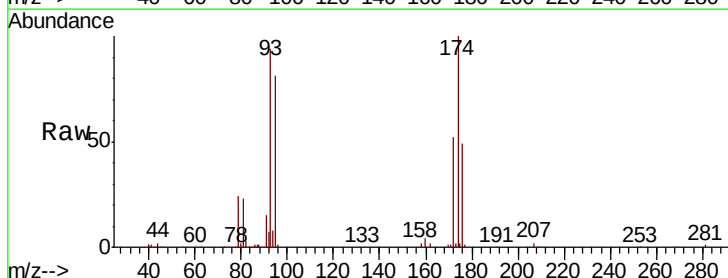
Tgt Ion: 93 Resp: 46480

Ion Ratio Lower Upper

93 100

95 83.3 0.0 162.8

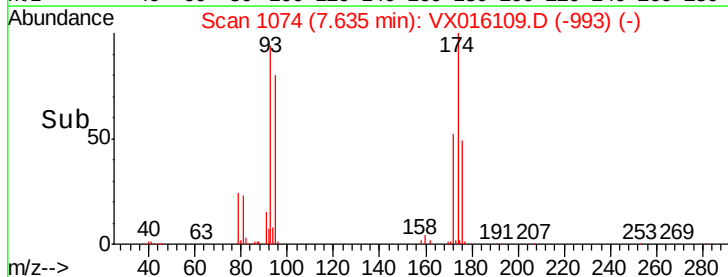
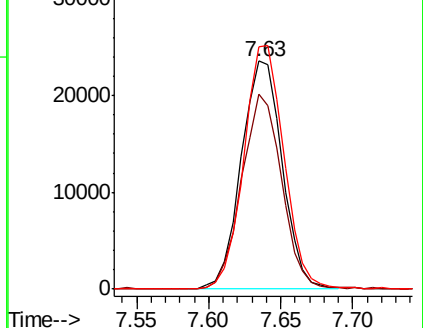
174 104.2 0.0 204.0

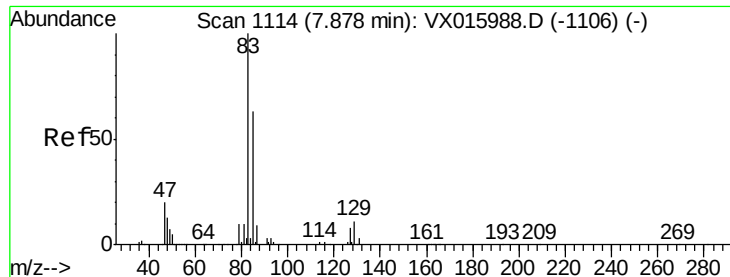


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 18.881 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016109.D

Acq: 08 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

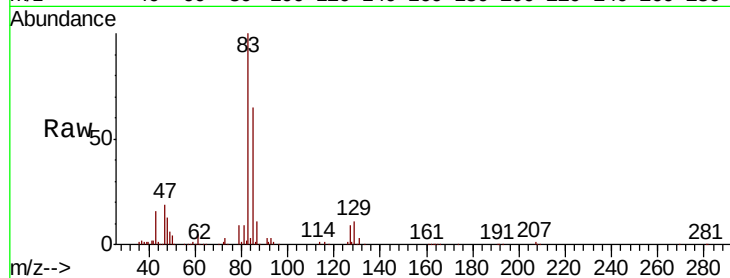
Tot Ion: 83 Resp: 95058

Ion Ratio Lower Upper

83 100

85 65.4 50.4 75.6

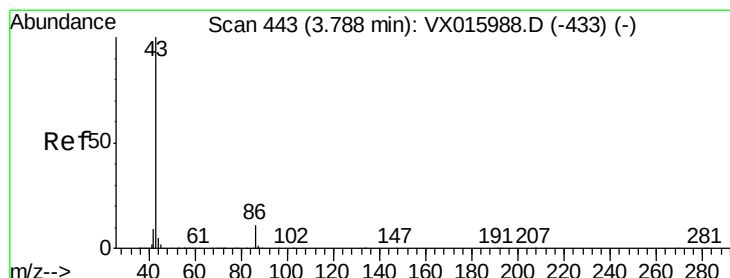
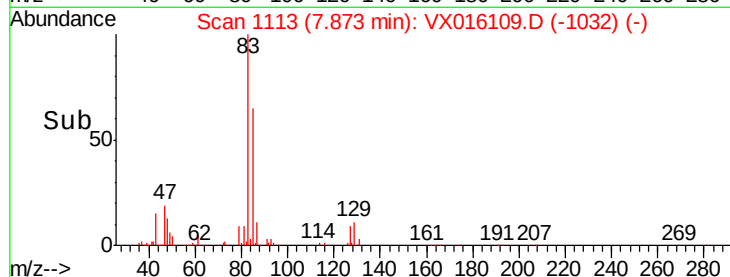
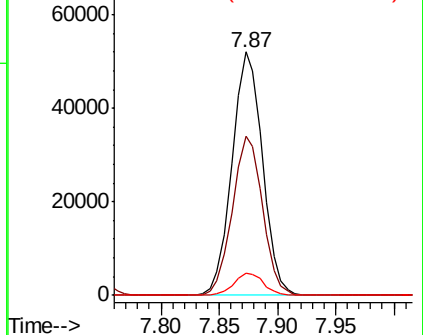
127 8.9 6.7 10.1



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: 94.292 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016109.D

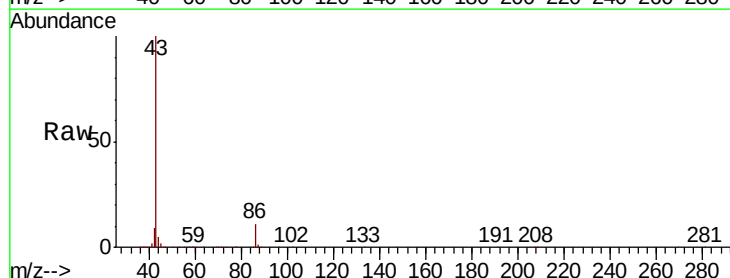
Acq: 08 May 2020 09:58

Tgt Ion: 43 Resp: 871912

Ion Ratio Lower Upper

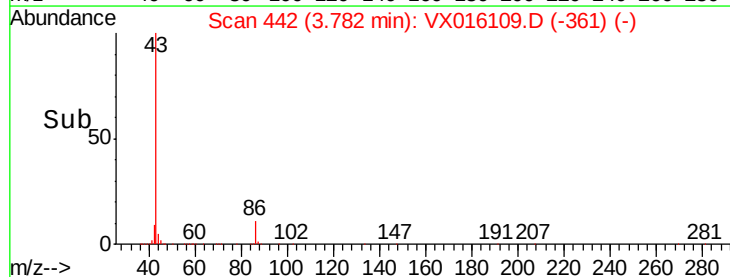
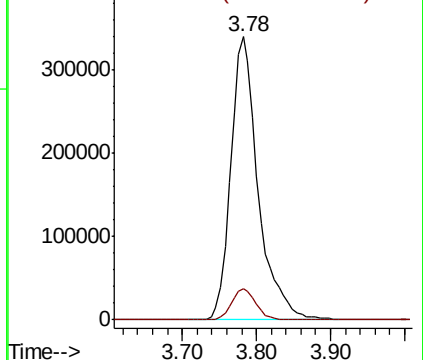
43 100

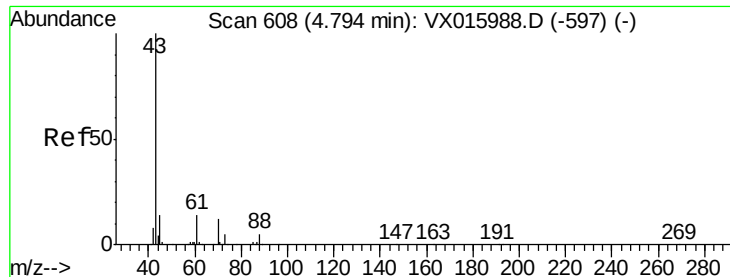
86 9.8 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 18.916 ug/l

RT: 4.79 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX016109.D

Acq: 08 May 2020 09:58

Instrument :

MSVOA_X

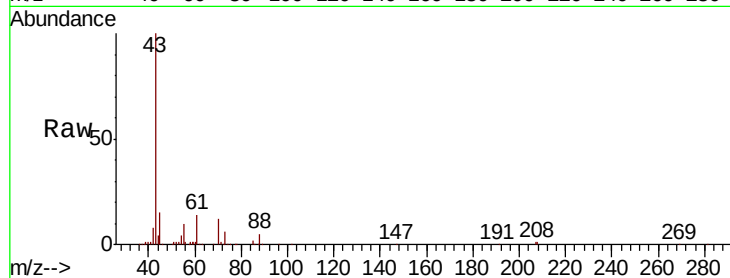
ClientSampleId :

Tot Ion: 43 Resp: 104290

Ion Ratio Lower Upper

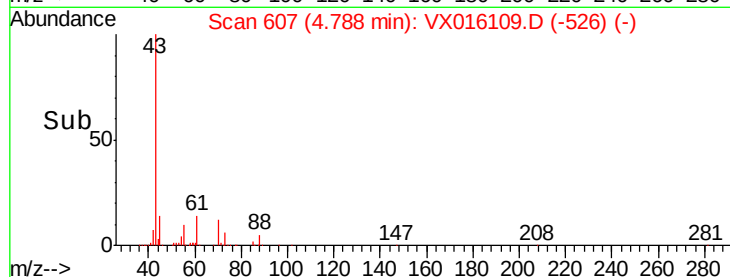
43 100

45 15.4 11.9 17.9

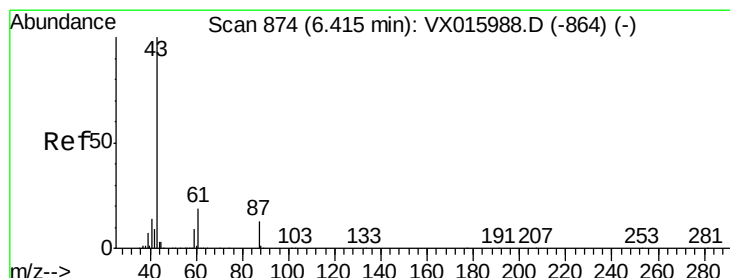


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



Time-->



#44

Isopropyl Acetate

Concen: 18.606 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016109.D

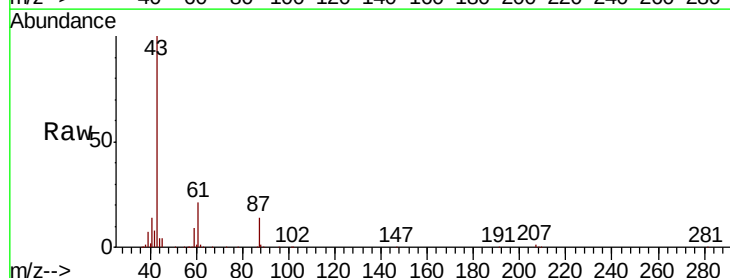
Acq: 08 May 2020 09:58

Tgt Ion: 43 Resp: 166470

Ion Ratio Lower Upper

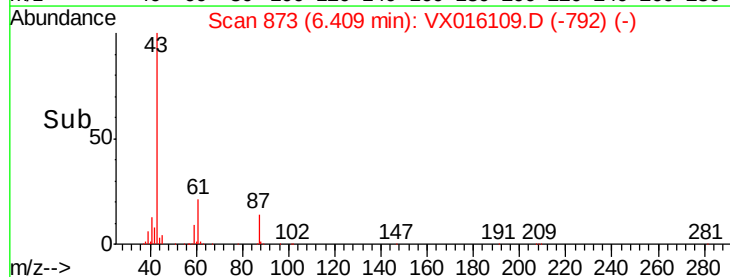
43 100

61 21.4 16.1 24.1

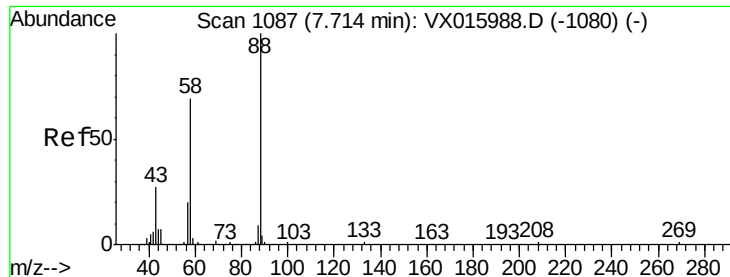


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time-->



#45

1,4-Dioxane

Concen: 392.267 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX016109.D

Acq: 08 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

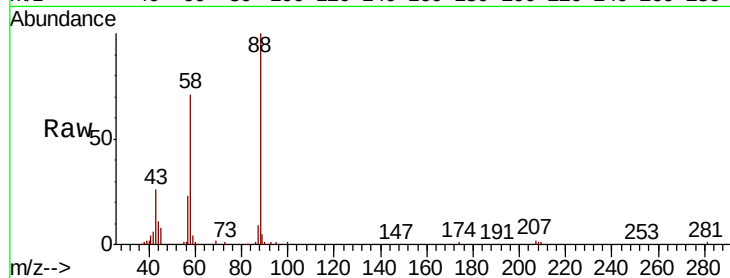
Tot Ion: 88 Resp: 37072

Ion Ratio Lower Upper

88 100

43 31.6 26.3 39.5

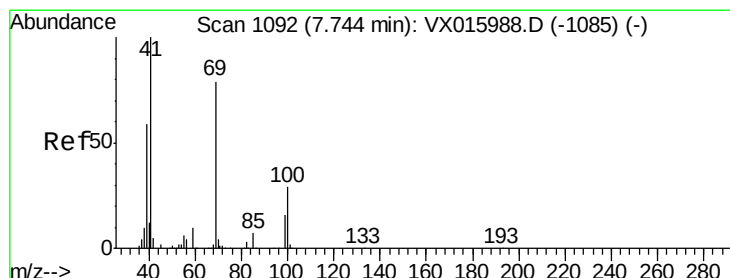
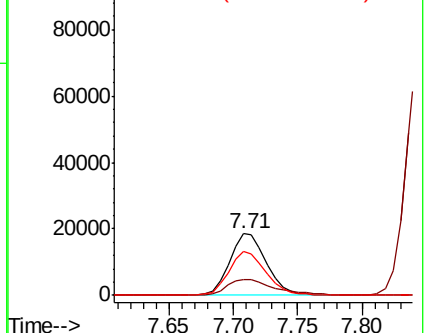
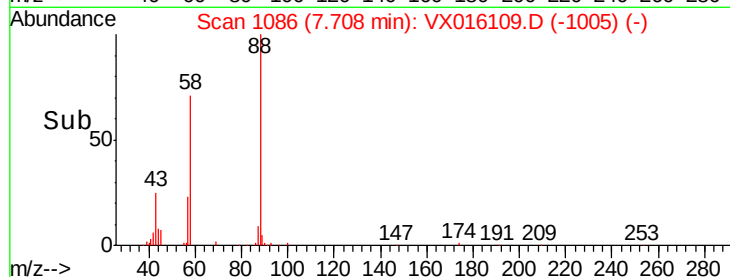
58 71.4 57.0 85.6



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: 18.259 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX016109.D

Acq: 08 May 2020 09:58

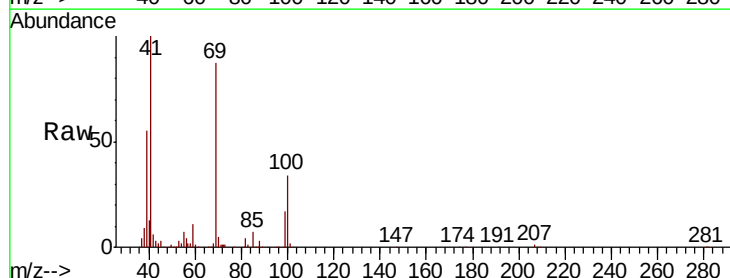
Tgt Ion: 41 Resp: 77446

Ion Ratio Lower Upper

41 100

69 87.6 39.5 118.5

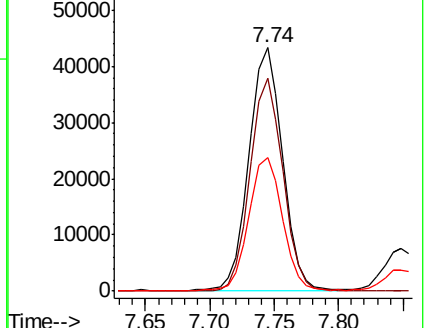
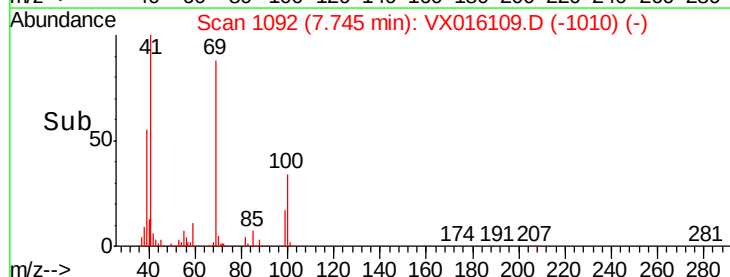
39 54.8 29.6 88.9

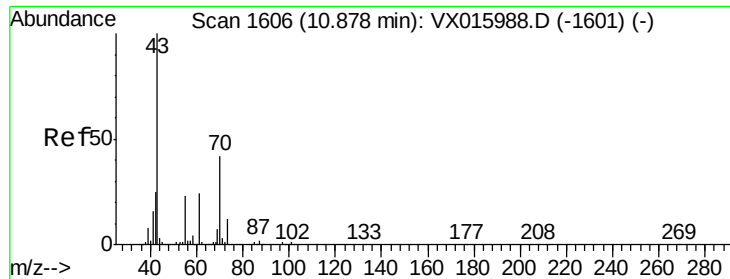


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amyl Acetate

Concen: 17.495 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016109.D

Acq: 08 May 2020 09:58

Instrument :

MSVOA_X

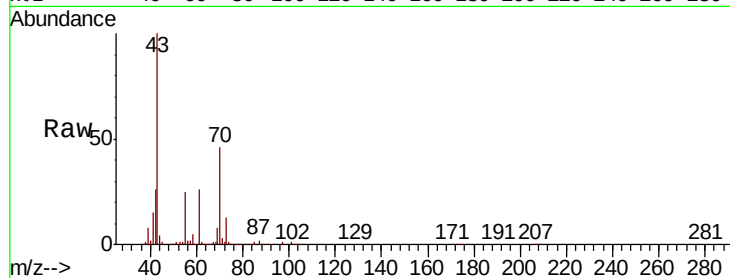
ClientSampled :

Tot Ion: 43 Resp: 136868

Ion Ratio Lower Upper

43 100

55 26.0 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

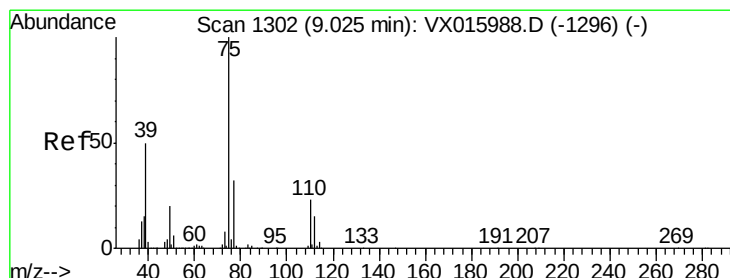
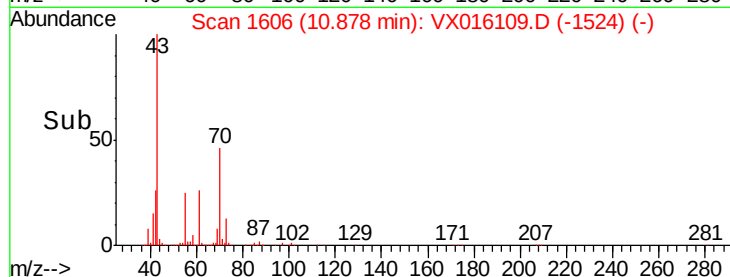
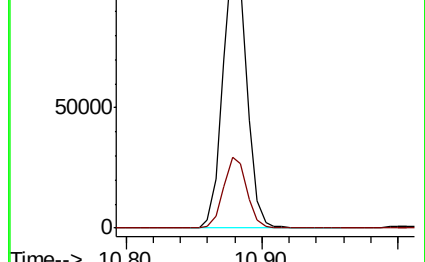
Ion 55.00 (54.70 to 55.70): VX0

10.88

100000

50000

0



#48

t-1,3-Dichloropropene

Concen: 18.996 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016109.D

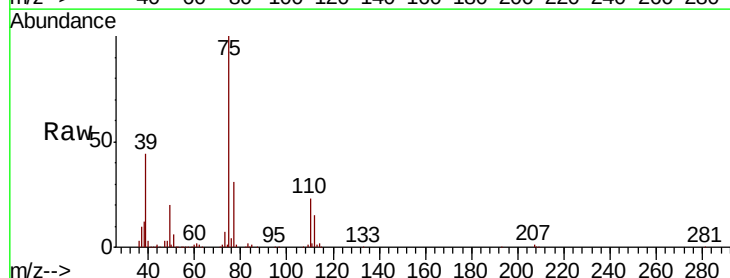
Acq: 08 May 2020 09:58

Tgt Ion: 75 Resp: 111056

Ion Ratio Lower Upper

75 100

77 30.7 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

9.02

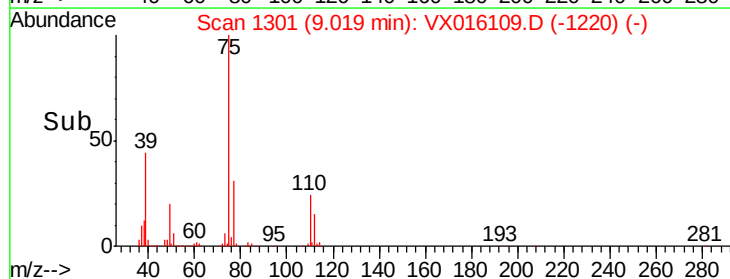
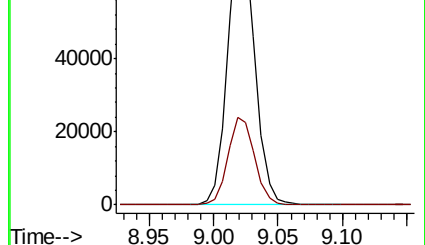
80000

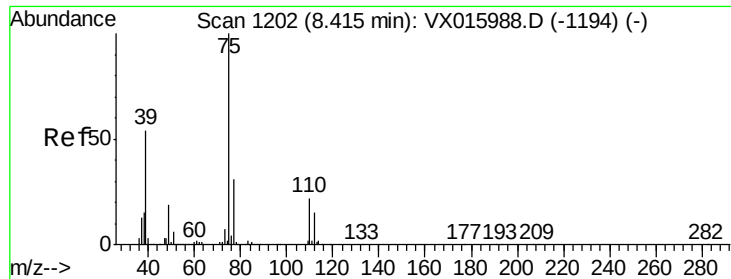
60000

40000

20000

0



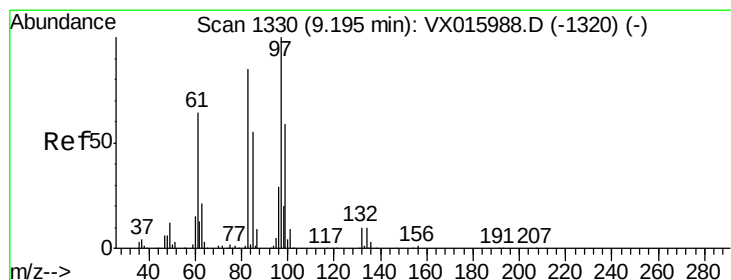
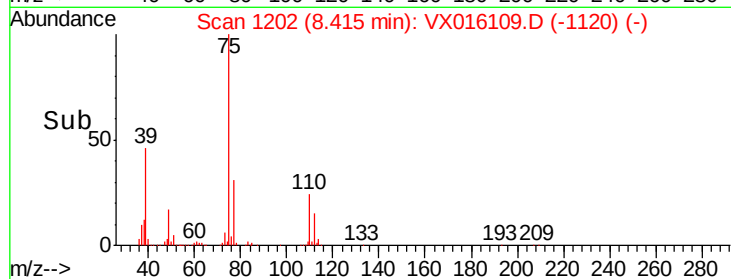
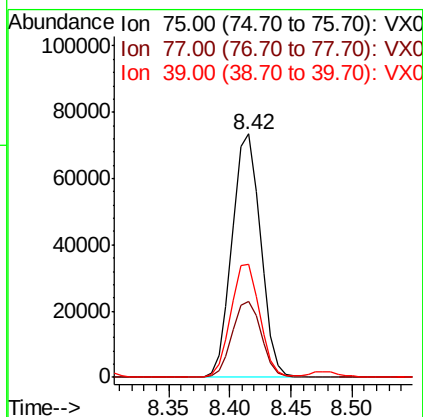
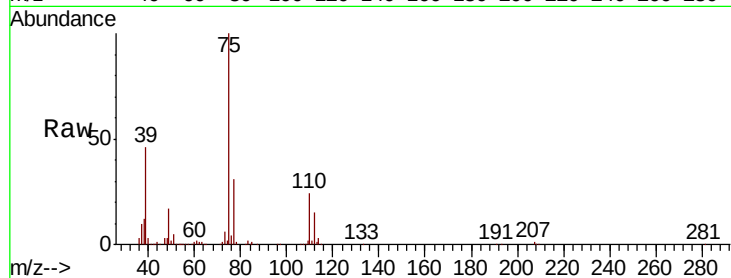


#49

cis-1,3-Dichloropropene
 Concen: 19.701 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX016109.D
 Acq: 08 May 2020 09:58

Instrument :
 MSVOA_X
 ClientSampleId :

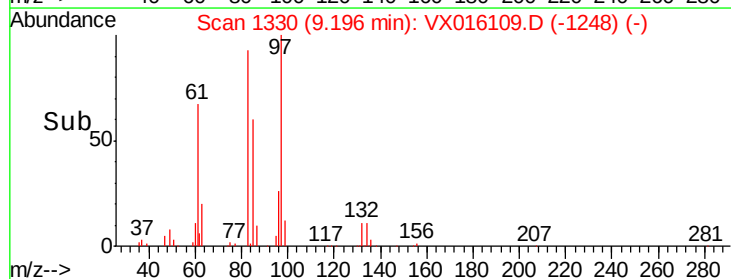
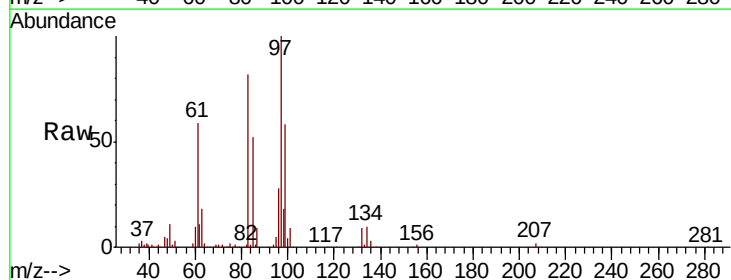
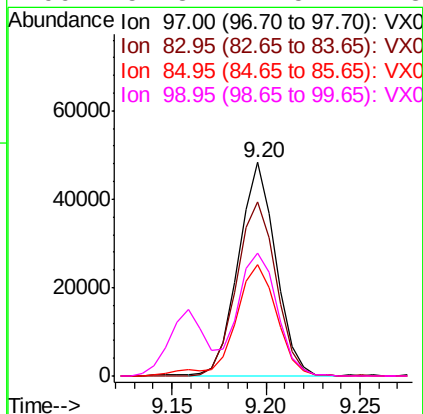
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.0	37.6
39	46.3	43.2	64.8

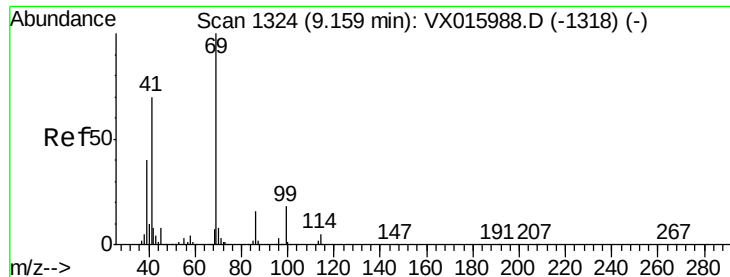


#50

1,1,2-Trichloroethane
 Concen: 19.206 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016109.D
 Acq: 08 May 2020 09:58

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.6	67.7	101.5
85	52.4	43.7	65.5
99	57.8	47.5	71.3





#51

Ethyl methacrylate

Concen: 18.656 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

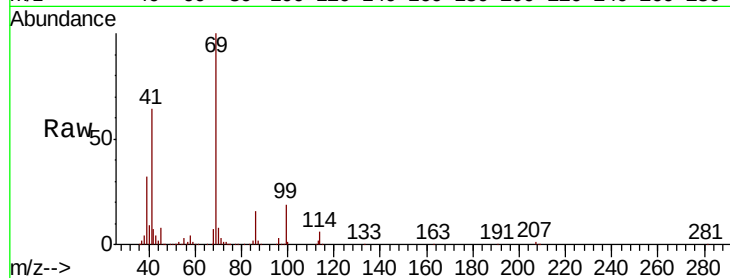
Lab File: VX016109.D

Acq: 08 May 2020 09:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 69 Resp: 106018

Ion	Ratio	Lower	Upper
69	100		
41	64.0	34.8	104.4
39	32.0	19.8	59.4

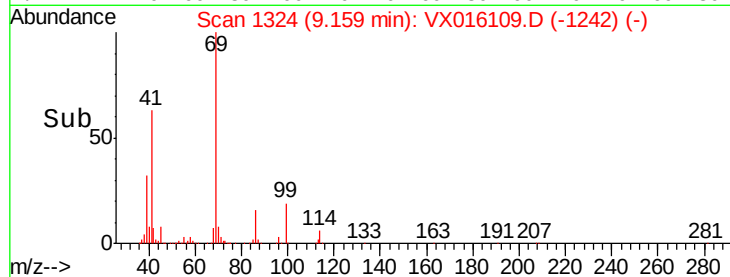


Abundance

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

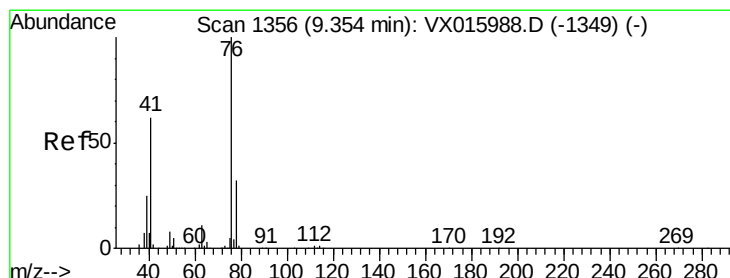


Abundance

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: 19.870 ug/l

RT: 9.35 min Scan# 1356

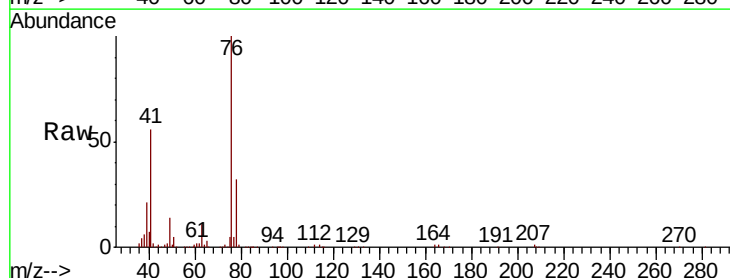
Delta R.T. 0.00 min

Lab File: VX016109.D

Acq: 08 May 2020 09:58

Tgt Ion: 76 Resp: 118210

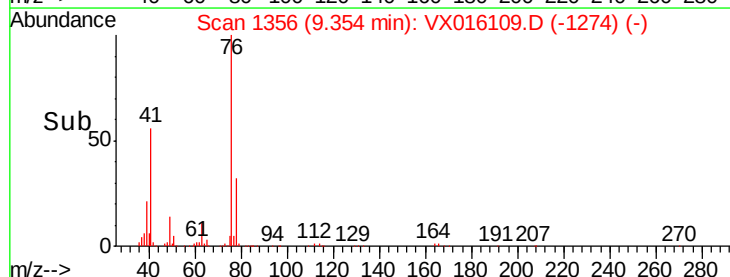
Ion	Ratio	Lower	Upper
76	100		
78	32.5	0.0	64.2



Abundance

Ion 76.00 (75.70 to 76.70): VX0

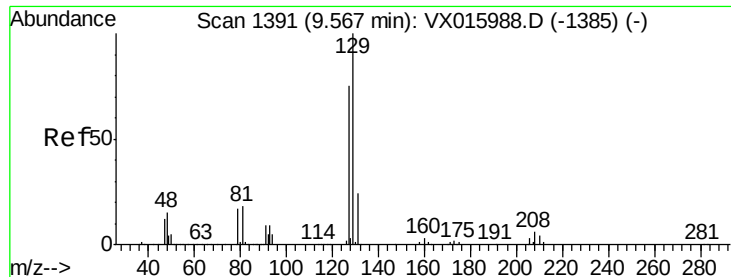
Ion 78.00 (77.70 to 78.70): VX0



Abundance

Ion 76.00 (75.70 to 76.70): VX0

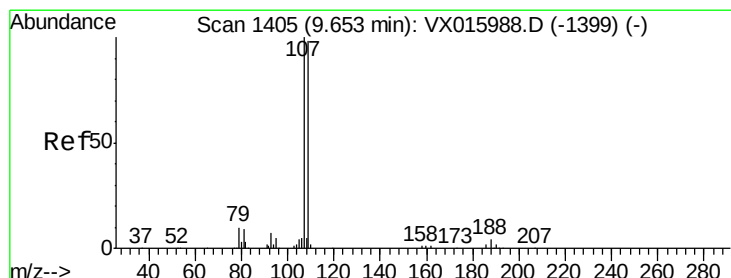
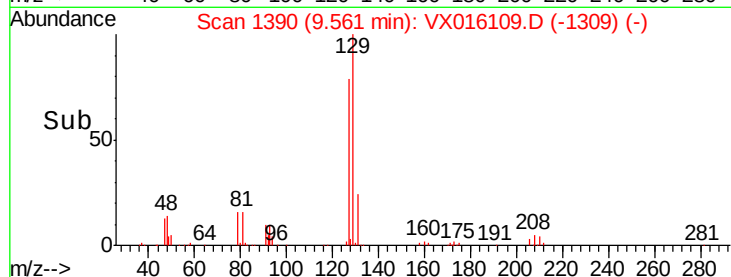
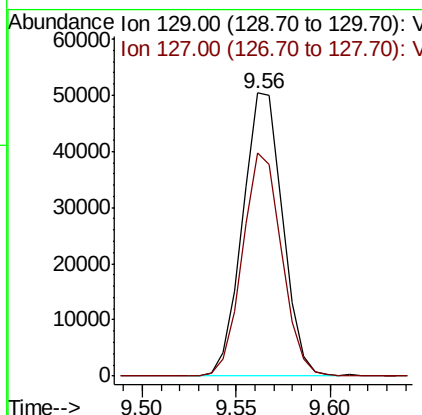
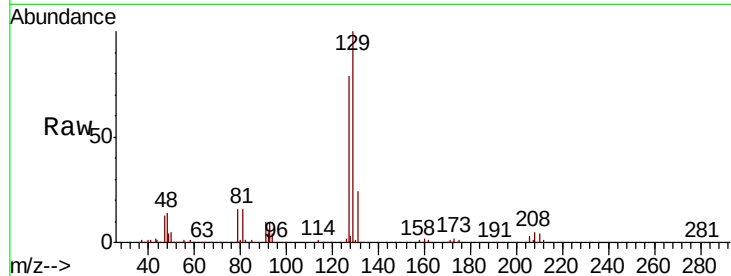
Ion 78.00 (77.70 to 78.70): VX0



#53
 Dibromochloromethane
 Concen: 19.030 ug/l
 RT: 9.56 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX016109.D
 Acq: 08 May 2020 09:58

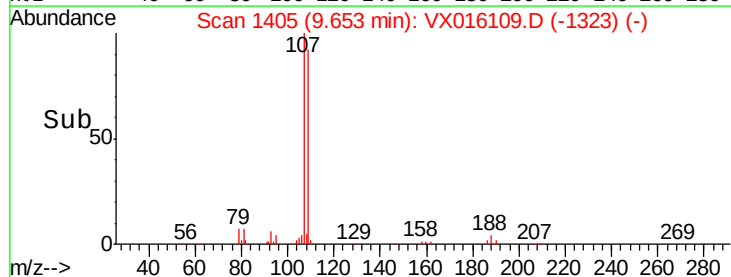
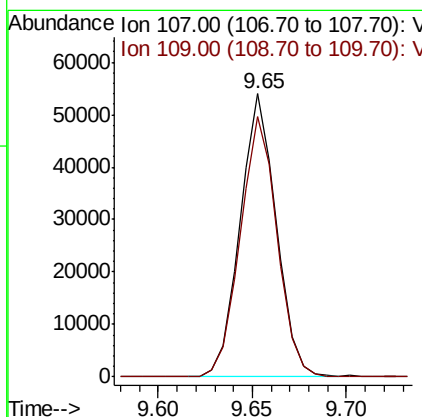
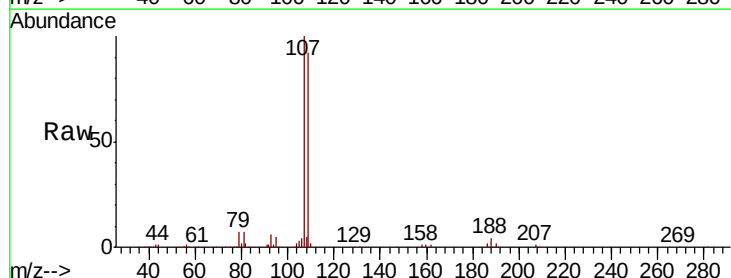
Instrument :
 MSVOA_X
 ClientSampleId :

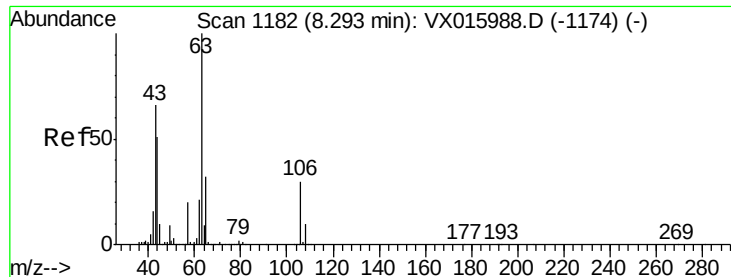
Tot Ion:129 Resp: 74509
 Ion Ratio Lower Upper
 129 100
 127 77.0 38.3 114.9



#54
 1,2-Dibromoethane
 Concen: 18.930 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX016109.D
 Acq: 08 May 2020 09:58

Tgt Ion:107 Resp: 71598
 Ion Ratio Lower Upper
 107 100
 109 93.6 74.7 112.1





#55

2-Chloroethyl vinyl ether

Concen: 102.724 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016109.D

Acq: 08 May 2020 09:58

Instrument :

MSVOA_X

ClientSampled :

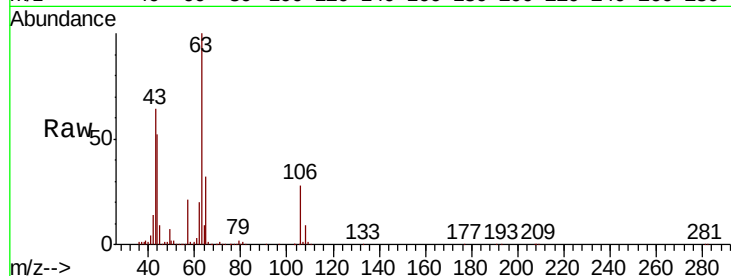
Tot Ion: 63 Resp: 317588

Ion Ratio Lower Upper

63 100

65 32.5 25.6 38.4

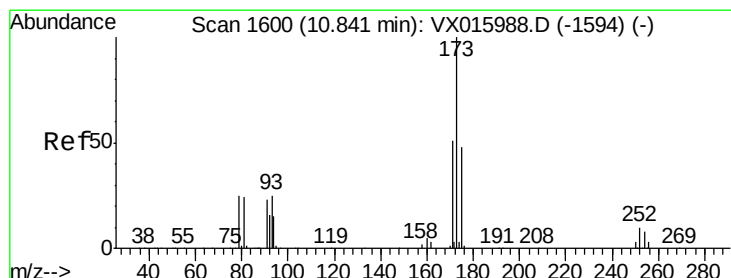
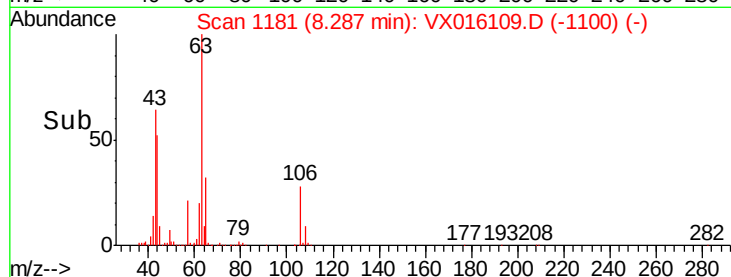
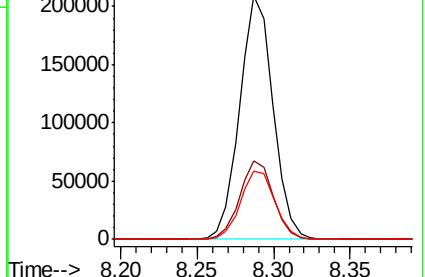
106 28.9 23.4 35.0



Abundance Ion 63.00 (62.70 to 63.70): VX015988.D (-1174) (-)

Ion 65.00 (64.70 to 65.70): VX015988.D (-1174) (-)

Ion 106.00 (105.70 to 106.70): VX015988.D (-1174) (-)



#56

Bromoform

Concen: 18.247 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016109.D

Acq: 08 May 2020 09:58

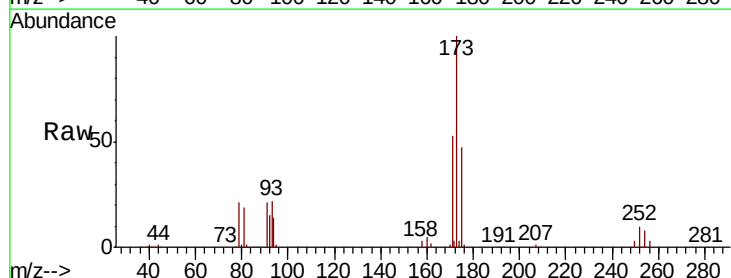
Tgt Ion: 173 Resp: 53830

Ion Ratio Lower Upper

173 100

175 48.0 38.0 57.0

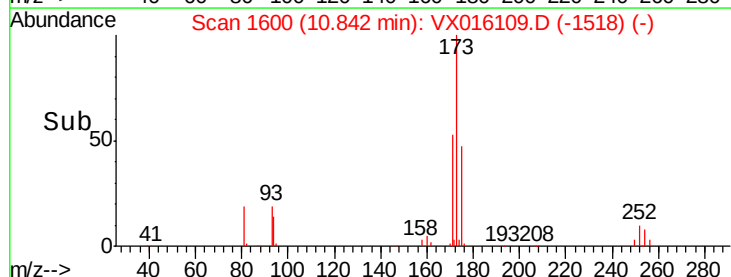
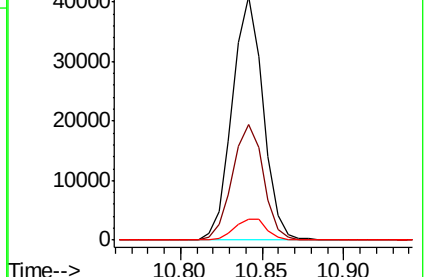
254 9.0 6.8 10.2

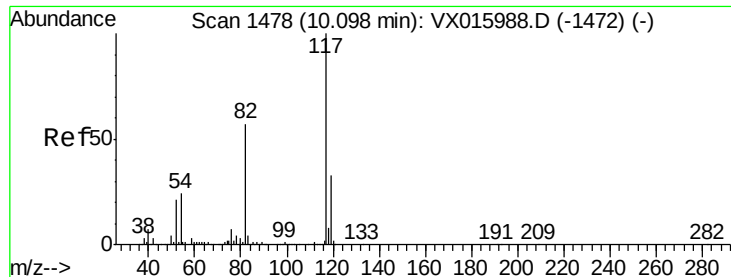


Abundance Ion 173.00 (172.70 to 173.70): VX015988.D (-1594) (-)

Ion 175.00 (174.70 to 175.70): VX015988.D (-1594) (-)

Ion 254.00 (253.70 to 254.70): VX015988.D (-1594) (-)

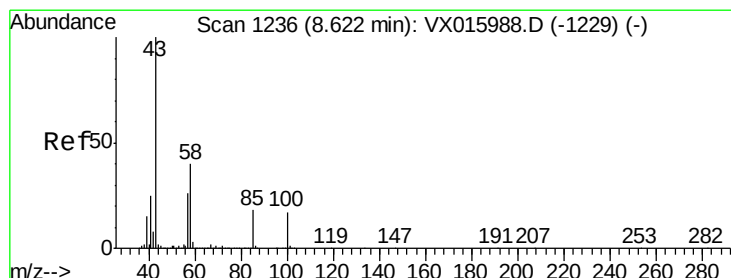
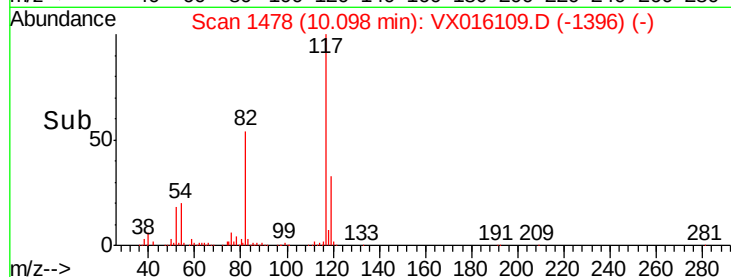
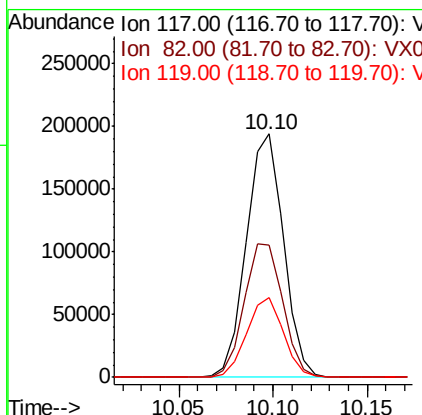
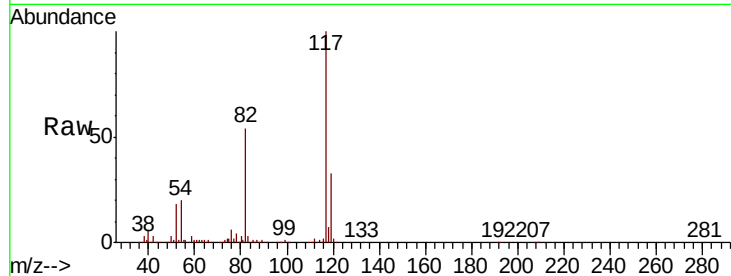




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016109.D
Acq: 08 May 2020 09:58

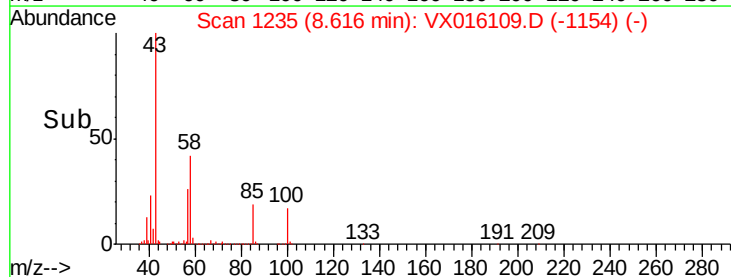
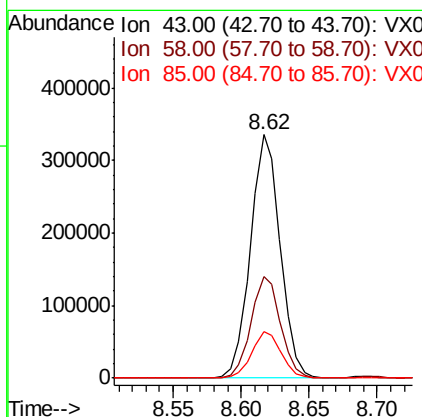
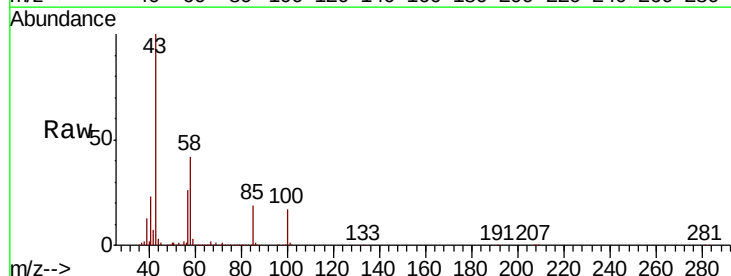
Instrument :
MSVOA_X
ClientSampled :

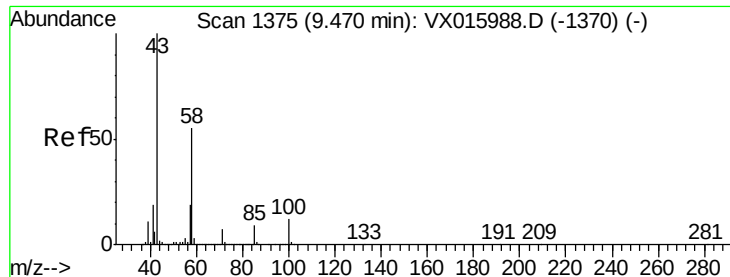
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.7	45.1	67.7
119	32.3	25.6	38.4



#58
4-Methyl-2-Pentanone
Concen: 98.424 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX016109.D
Acq: 08 May 2020 09:58

Tgt Ion	Ratio	Lower	Upper
43	100		
58	41.2	31.8	47.6
85	18.9	14.5	21.7

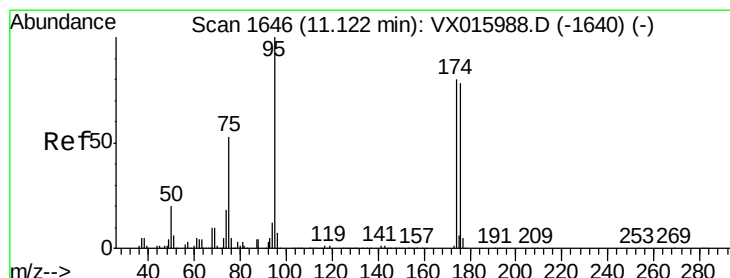
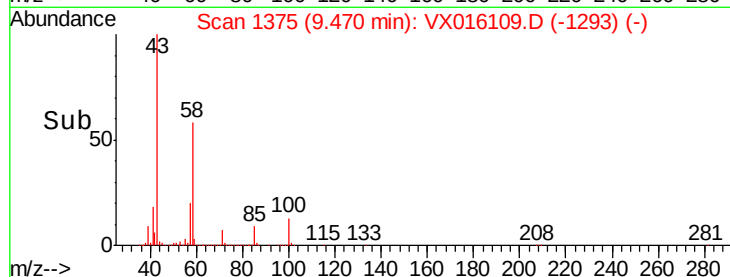
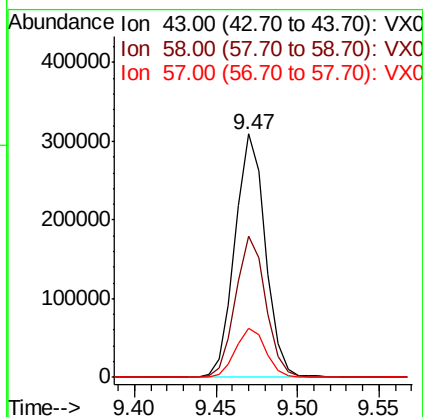
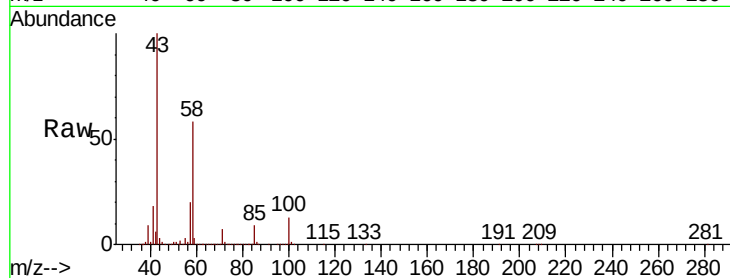




#59
2-Hexanone
Concen: 99.228 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016109.D
Acq: 08 May 2020 09:58

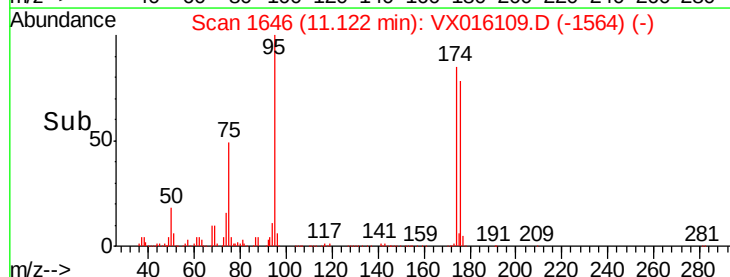
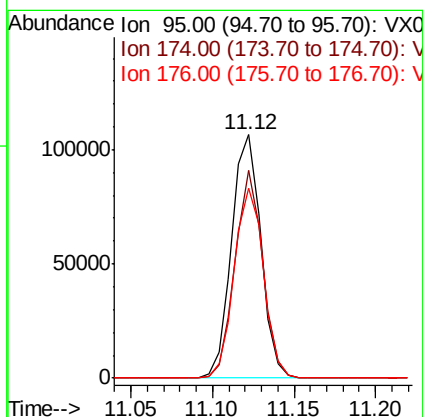
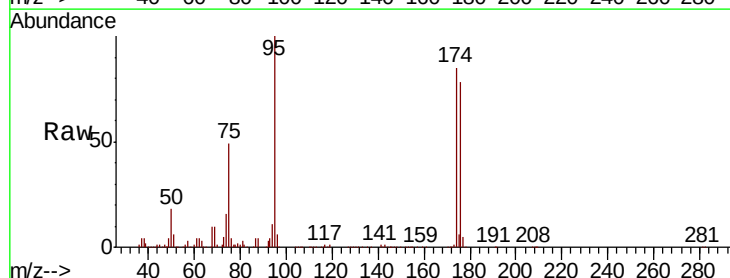
Instrument :
MSVOA_X
ClientSampleId :

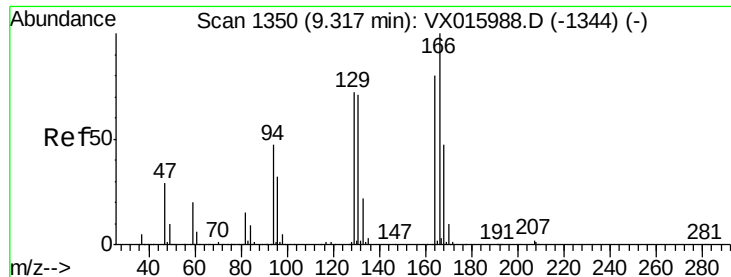
Tot Ion	Ratio	Lower	Upper
43	100		
58	57.9	44.0	66.0
57	20.2	15.5	23.3



#60
4-Bromofluorobenzene
Concen: 29.744 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016109.D
Acq: 08 May 2020 09:58

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.7	64.8	97.2
176	78.6	62.4	93.6





#61

Tetrachloroethene

Concen: 21.152 ug/l

RT: 9.32 min Scan# 1350

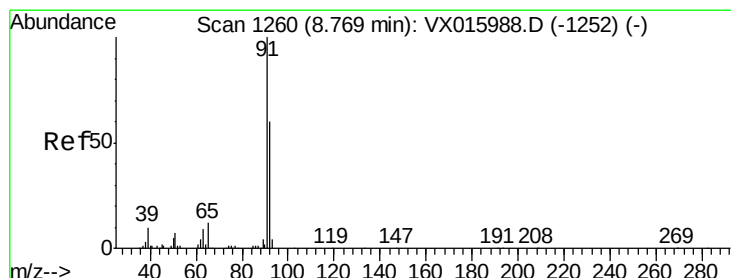
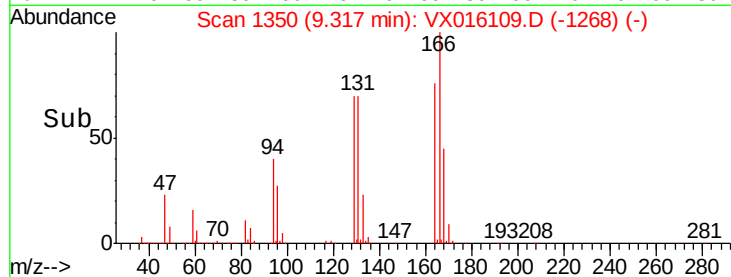
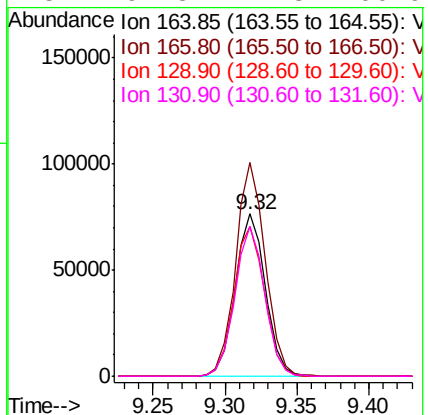
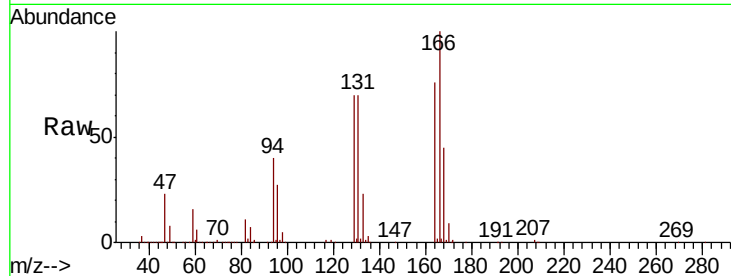
Delta R.T. 0.00 min

Lab File: VX016109.D

Acq: 08 May 2020 09:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164	Resp:	111229
Ion	Ratio	Lower Upper
164	100	
166	131.7	100.1 150.1
129	92.6	72.2 108.4
131	92.3	71.3 106.9



#62

Toluene

Concen: 20.633 ug/l

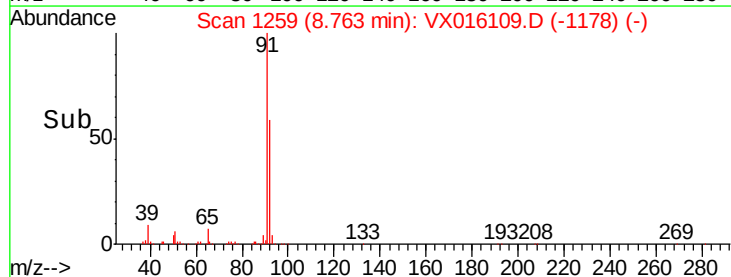
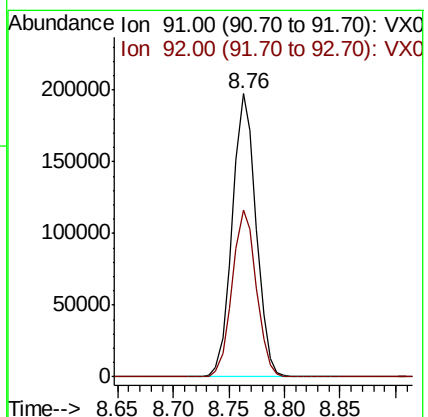
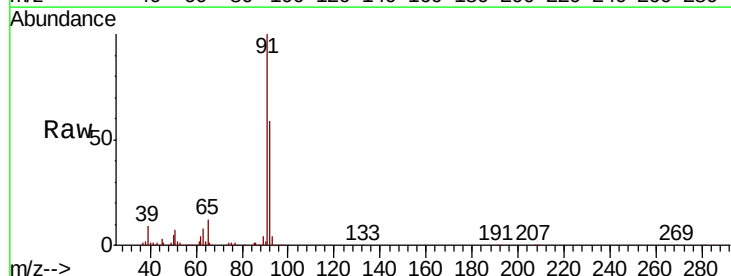
RT: 8.76 min Scan# 1259

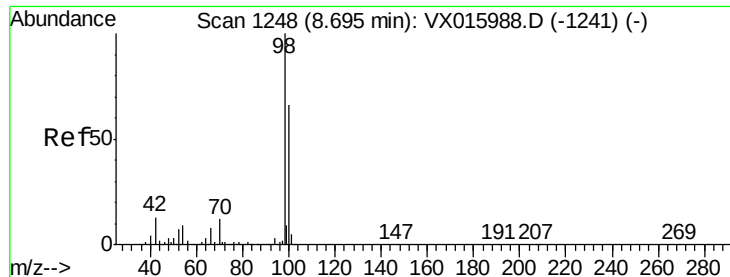
Delta R.T. -0.01 min

Lab File: VX016109.D

Acq: 08 May 2020 09:58

Tgt Ion: 91	Resp:	293032
Ion	Ratio	Lower Upper
91	100	
92	59.6	47.2 70.8





#63

Toluene-d8

Concen: 31.273 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016109.D

Acq: 08 May 2020 09:58

Instrument :

MSVOA_X

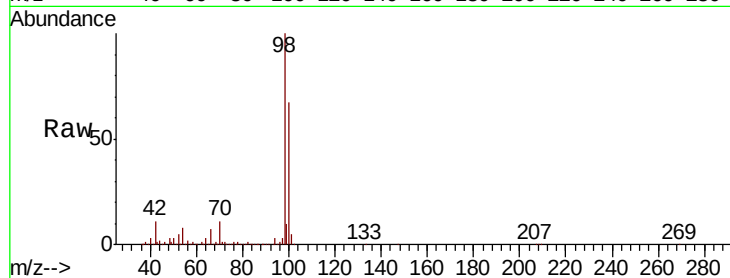
ClientSampleId :

Tot Ion: 98 Resp: 356632

Ion Ratio Lower Upper

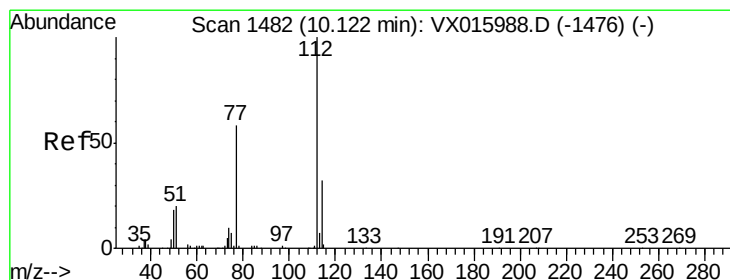
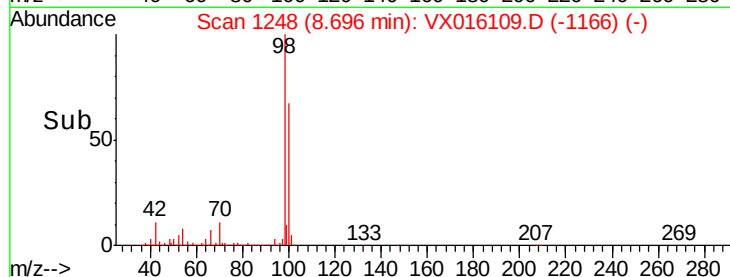
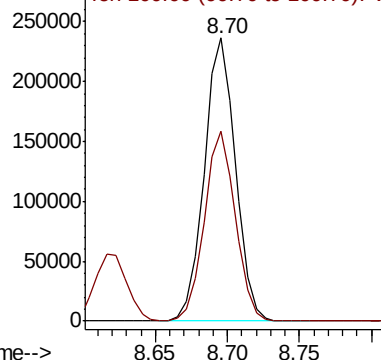
98 100

100 66.8 52.5 78.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#64

Chlorobenzene

Concen: 20.206 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016109.D

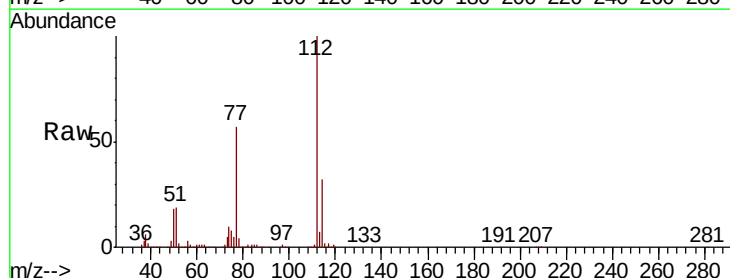
Acq: 08 May 2020 09:58

Tgt Ion: 112 Resp: 182719

Ion Ratio Lower Upper

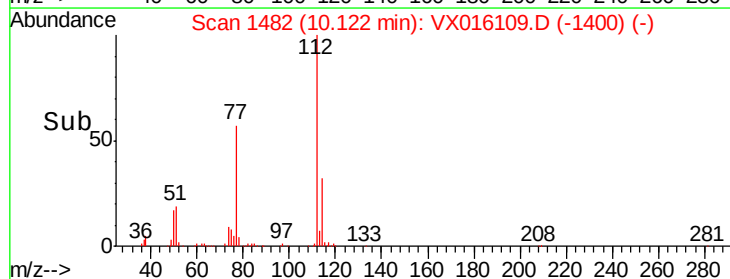
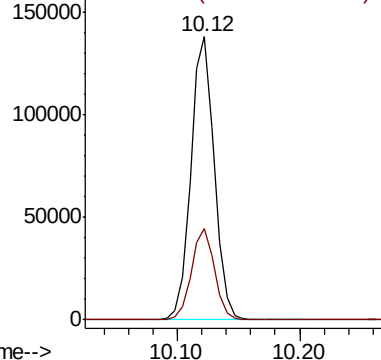
112 100

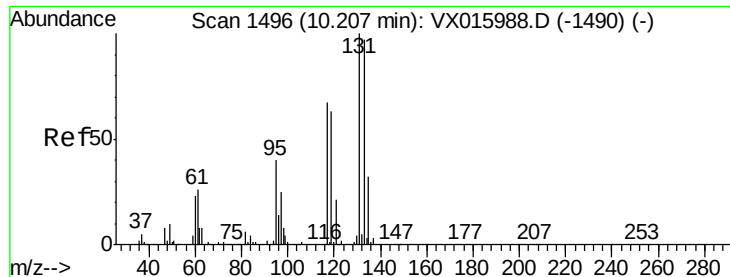
114 32.2 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 19.120 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016109.D

Acq: 08 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

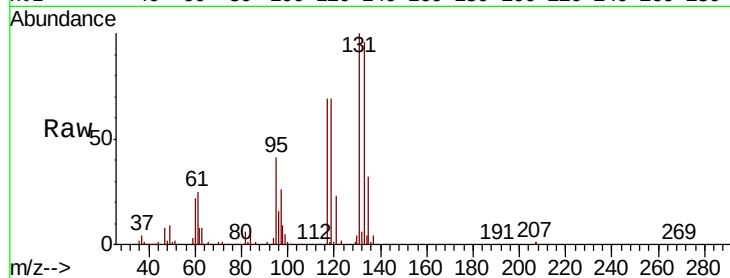
Tot Ion:131 Resp: 65640

Ion Ratio Lower Upper

131 100

133 96.7 0.0 187.0

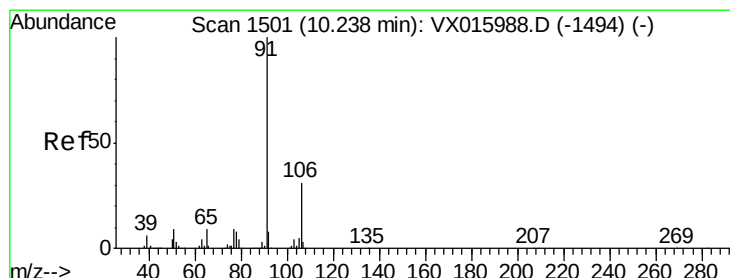
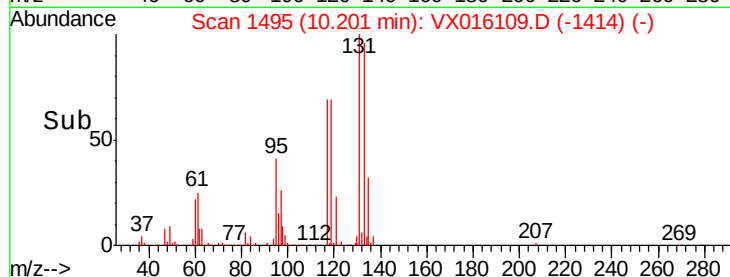
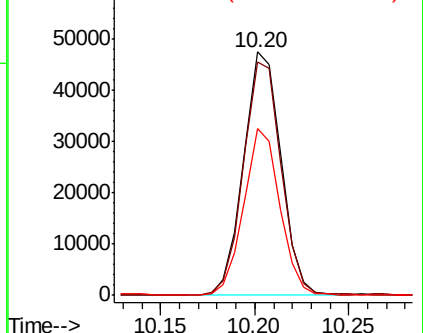
119 65.6 0.0 129.0



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: 20.379 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016109.D

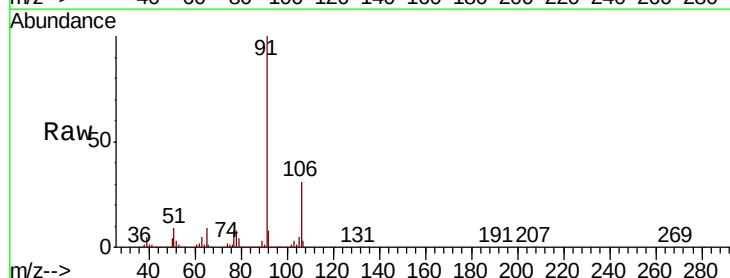
Acq: 08 May 2020 09:58

Tgt Ion: 91 Resp: 329572

Ion Ratio Lower Upper

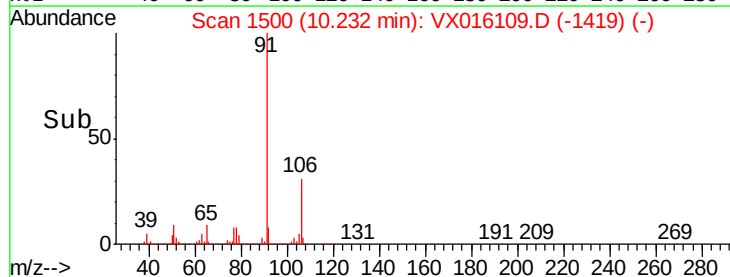
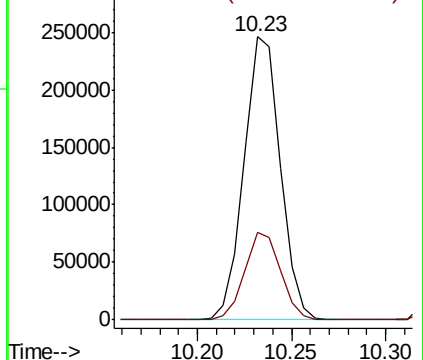
91 100

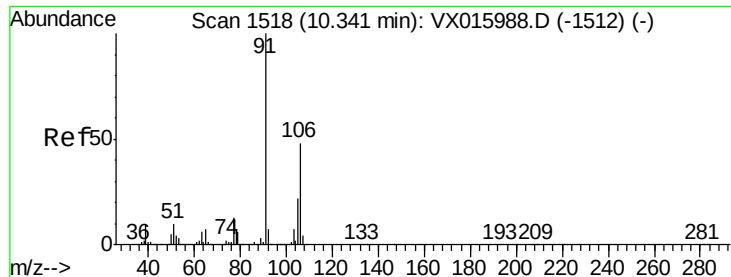
106 30.7 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

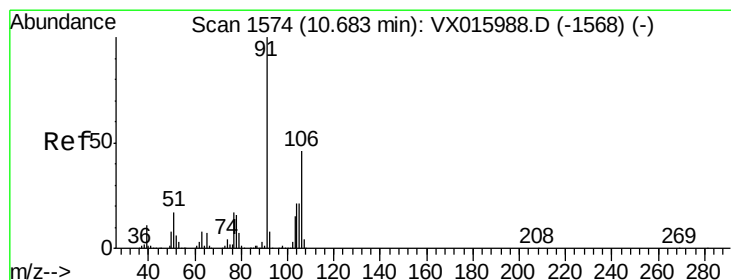
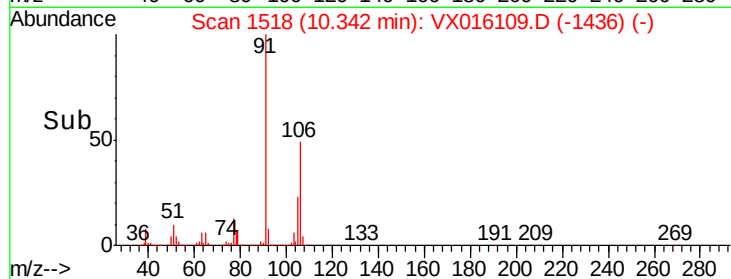
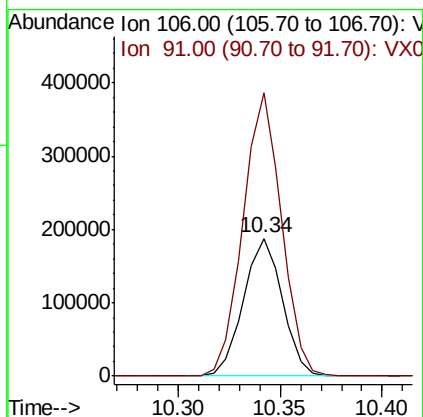
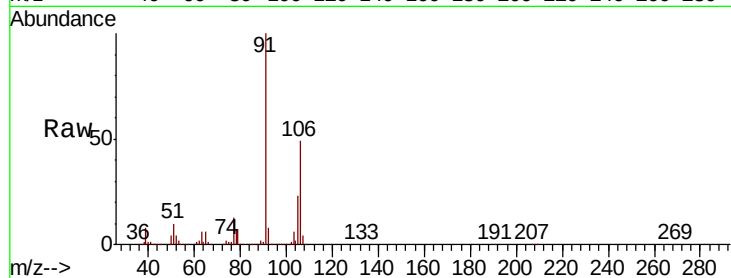




#67
m/p-Xylenes
Concen: 40.498 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016109.D
Acq: 08 May 2020 09:58

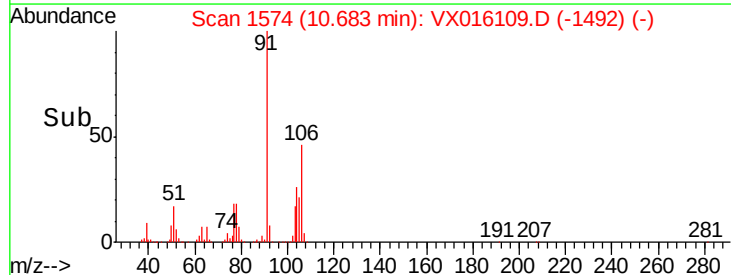
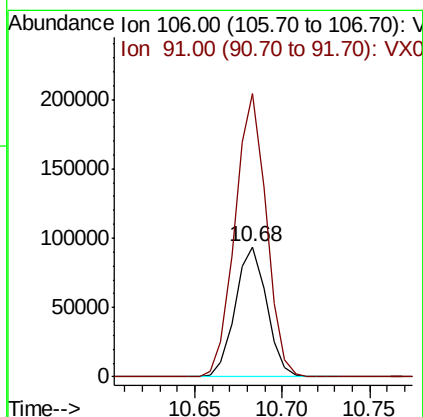
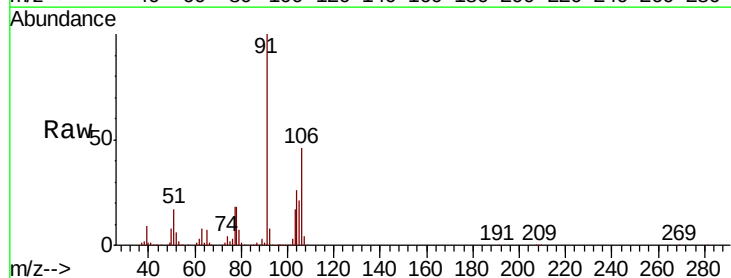
Instrument :
MSVOA_X
ClientSampled :

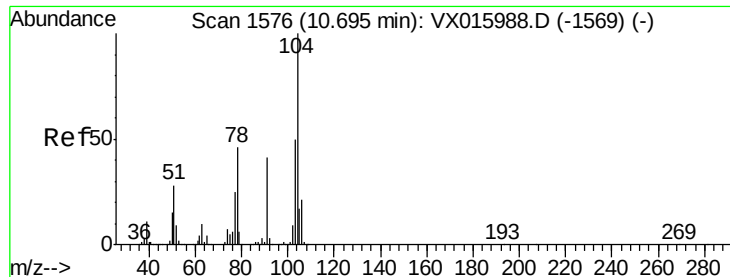
Tot Ion:106 Resp: 249496
Ion Ratio Lower Upper
106 100
91 202.6 164.2 246.4



#68
o-Xylene
Concen: 19.928 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016109.D
Acq: 08 May 2020 09:58

Tgt Ion:106 Resp: 118389
Ion Ratio Lower Upper
106 100
91 214.8 108.3 325.0

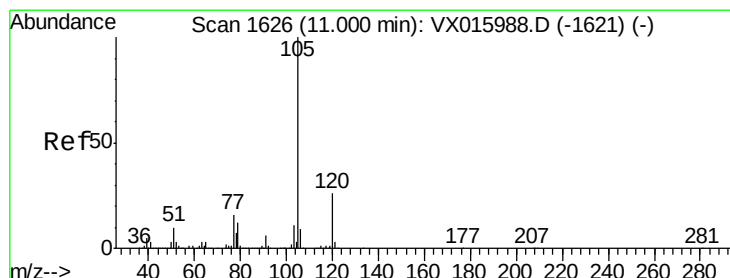
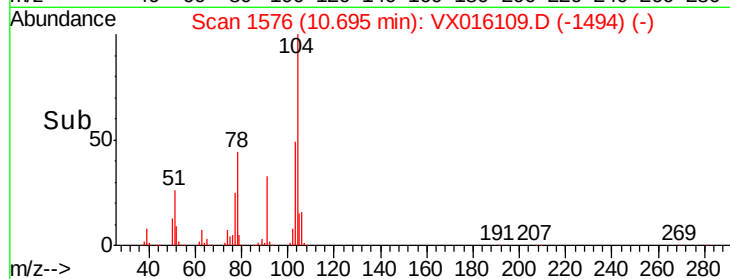
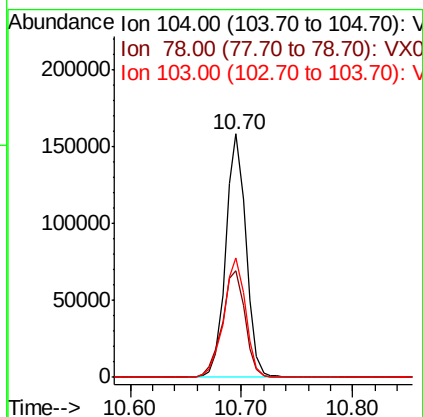
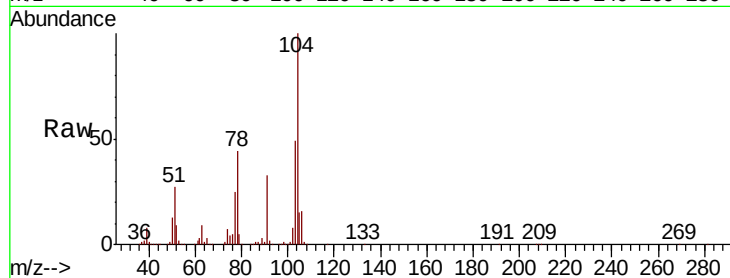




#69
Stvrene
Concen: 19.577 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016109.D
Acq: 08 May 2020 09:58

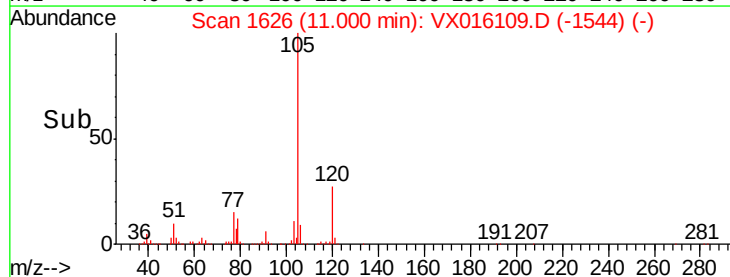
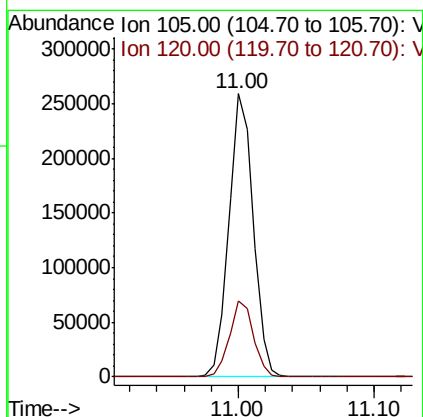
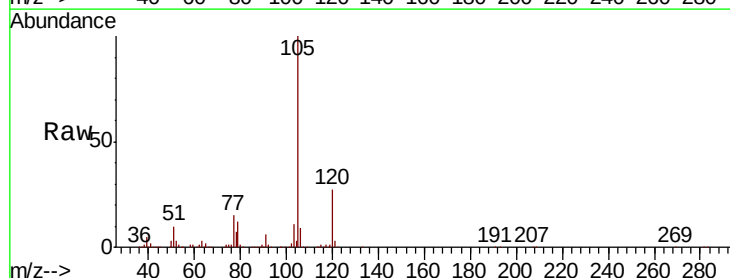
Instrument :
MSVOA_X
ClientSampleId :

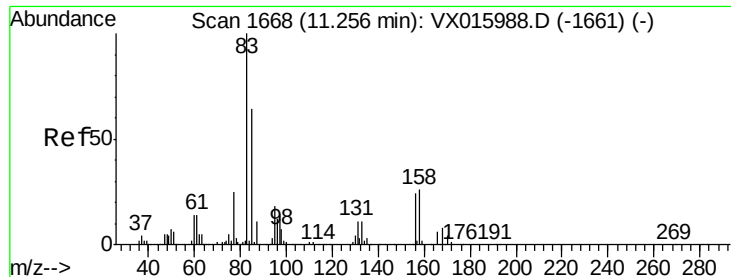
Tot Ion	Ratio	Lower	Upper
104	100		
78	49.6	40.7	61.1
103	53.2	43.0	64.4



#70
Isopropylbenzene
Concen: 20.056 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX016109.D
Acq: 08 May 2020 09:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.6	18.6	34.5





#71

1,1,2,2-Tetrachloroethane

Concen: 14.541 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016109.D

Acq: 08 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

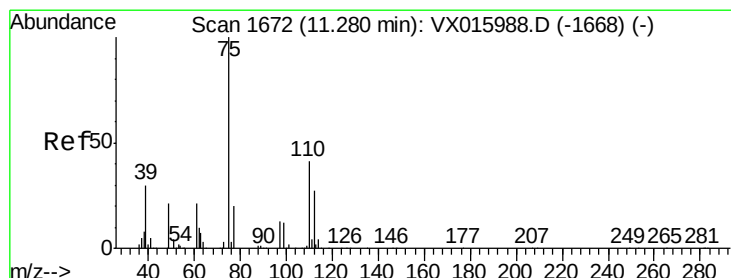
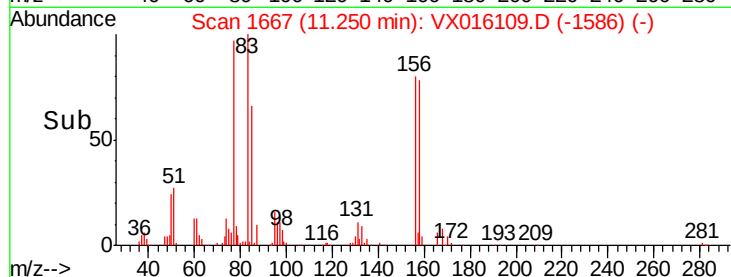
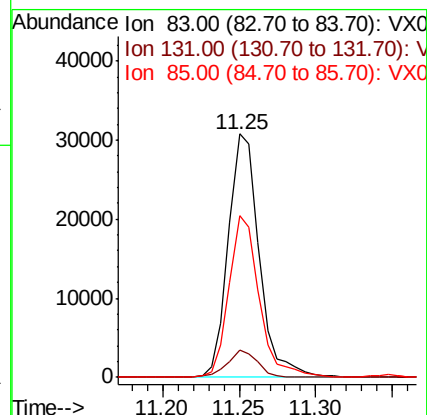
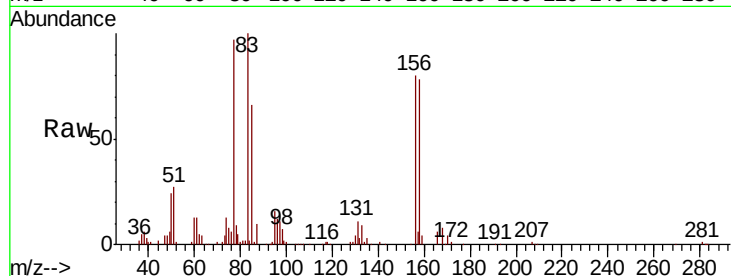
Tot Ion: 83 Resp: 43359

Ion Ratio Lower Upper

83 100

131 10.8 5.2 15.6

85 64.8 33.0 98.9



#72

1,2,3-Trichloropropane

Concen: 27.358 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016109.D

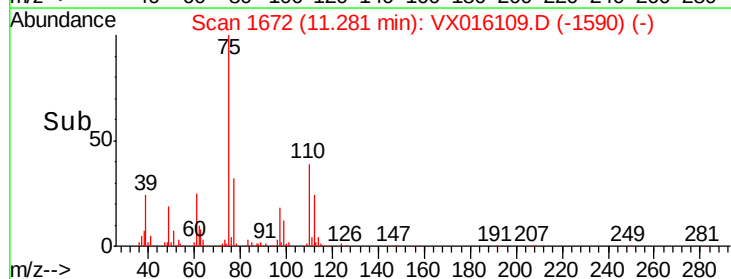
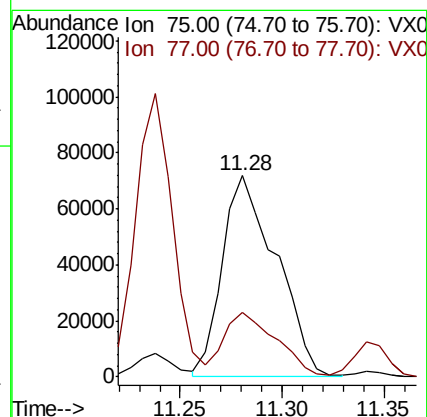
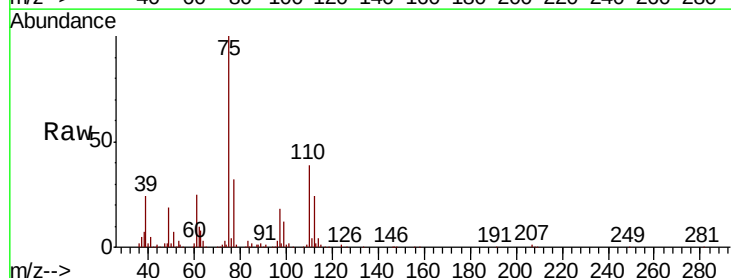
Acq: 08 May 2020 09:58

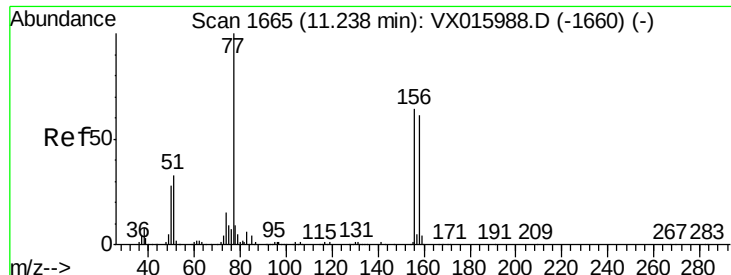
Tgt Ion: 75 Resp: 132122

Ion Ratio Lower Upper

75 100

77 31.1 0.0 86.0





#73

Bromobenzene

Concen: 19.486 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016109.D

Acq: 08 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

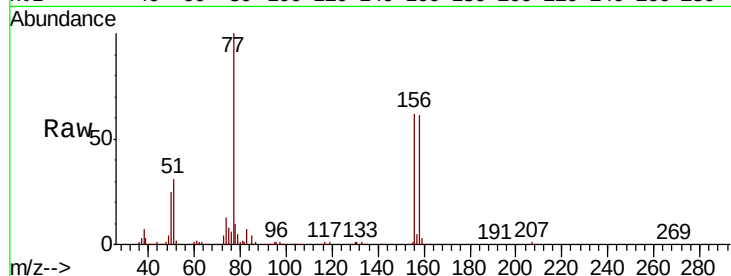
Tot Ion:156 Resp: 78763

Ion Ratio Lower Upper

156 100

77 163.2 0.0 318.0

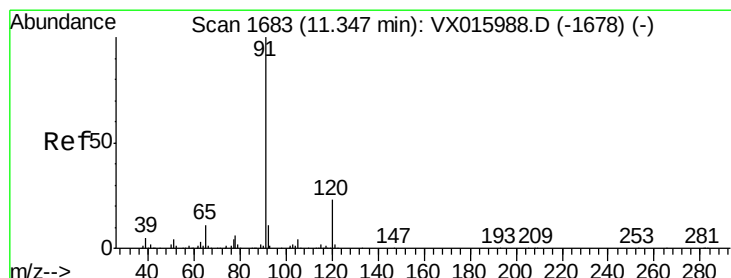
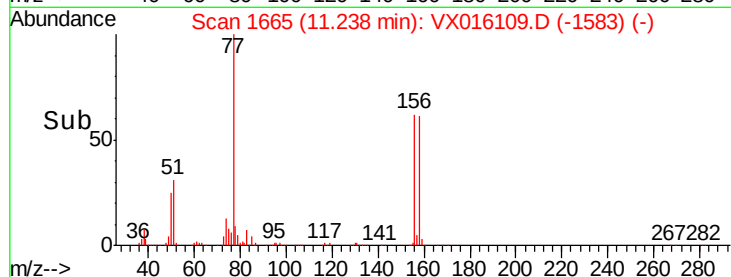
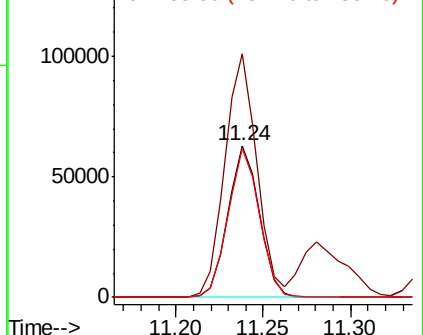
158 97.8 0.0 193.2



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: 20.143 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016109.D

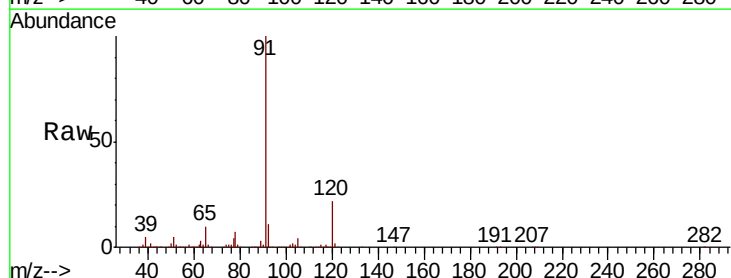
Acq: 08 May 2020 09:58

Tgt Ion: 91 Resp: 375273

Ion Ratio Lower Upper

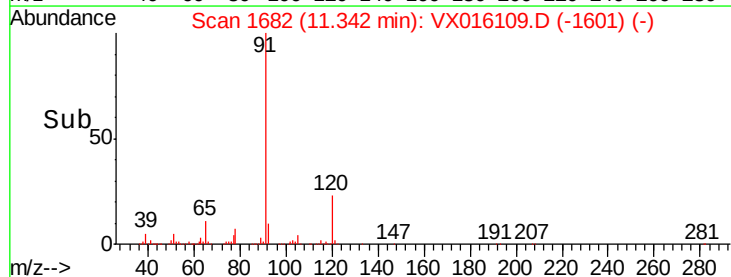
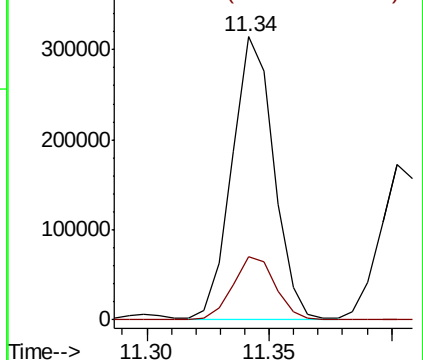
91 100

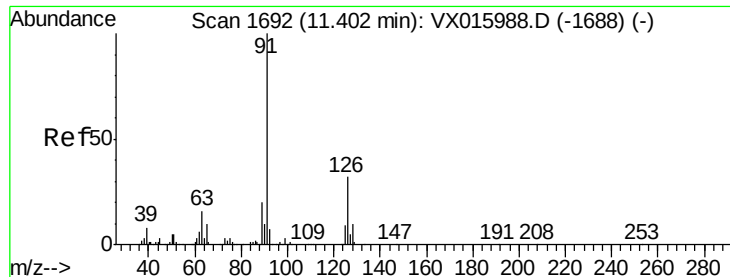
120 22.6 0.0 45.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.990 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016109.D

Acq: 08 May 2020 09:58

Instrument :

MSVOA_X

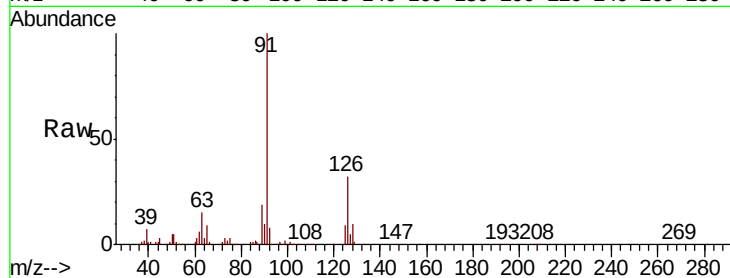
ClientSampleId :

Tot Ion: 91 Resp: 218846

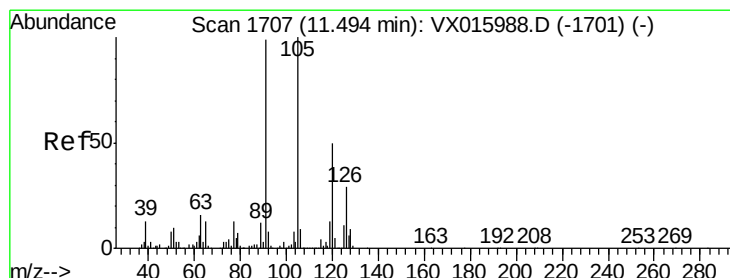
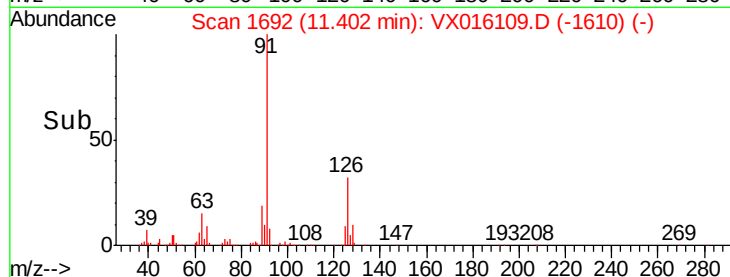
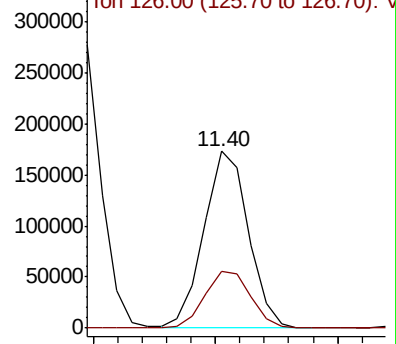
Ion Ratio Lower Upper

91 100

126 33.2 0.0 66.2



Abundance Ion 91.00 (90.70 to 91.70): VX015988.D (-1688) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.991 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016109.D

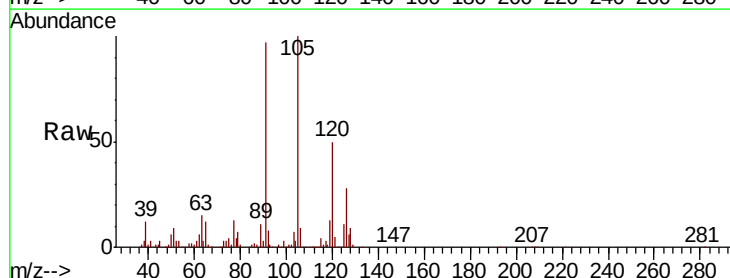
Acq: 08 May 2020 09:58

Tgt Ion: 105 Resp: 272177

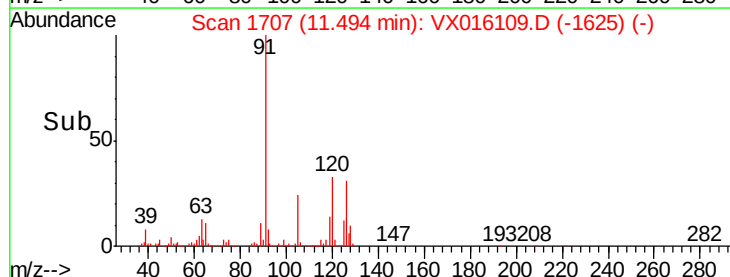
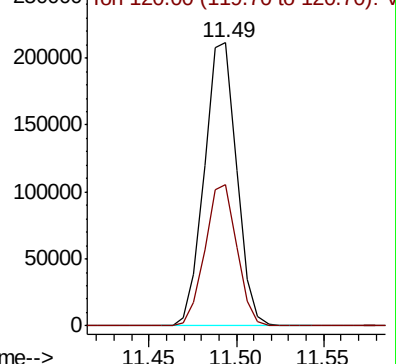
Ion Ratio Lower Upper

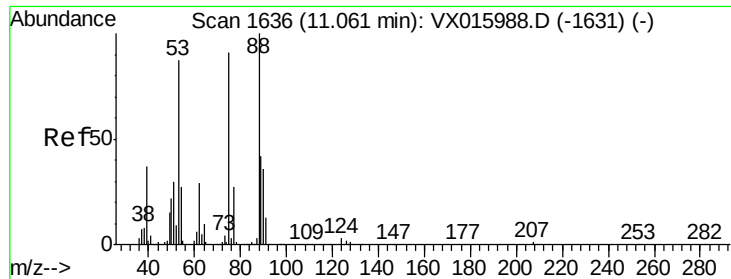
105 100

120 49.2 0.0 99.4



Abundance Ion 105.00 (104.70 to 105.70): VX015988.D (-1701) (-)



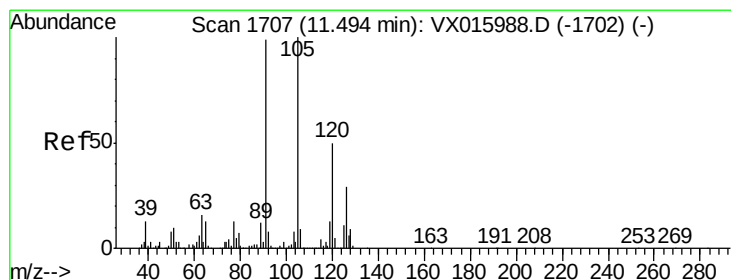
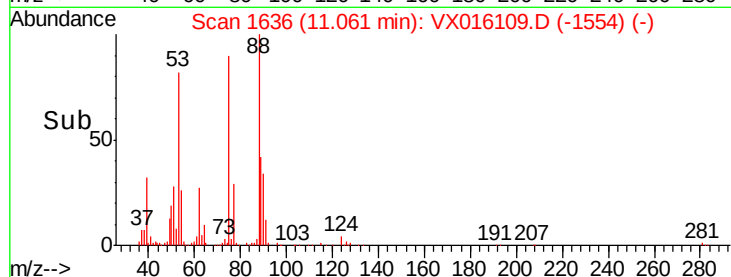
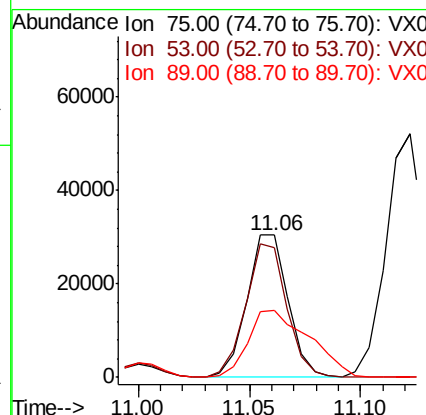
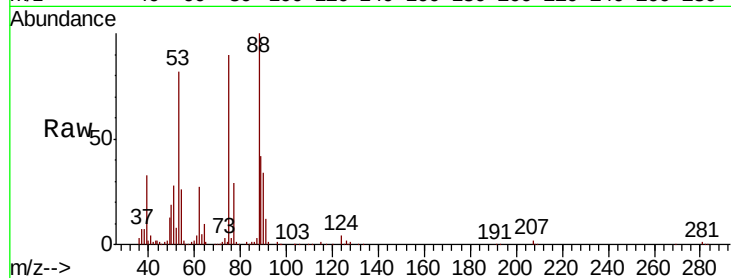


#77
t-1,4-Dichloro-2-butene
Concen: 18.981 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX016109.D
Acq: 08 May 2020 09:58

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 39415

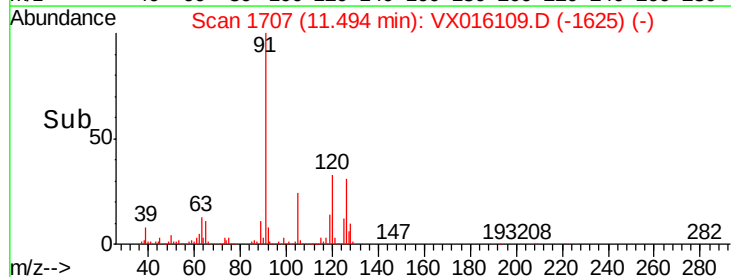
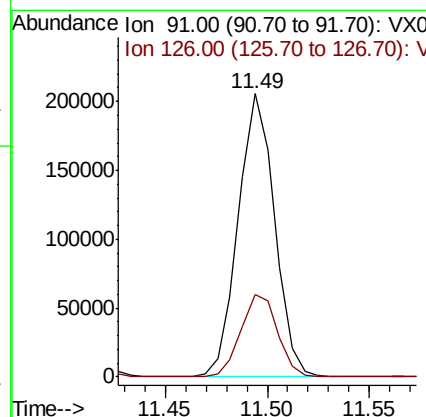
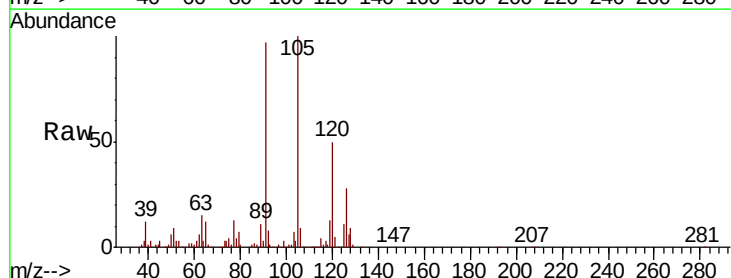
Ion	Ratio	Lower	Upper
75	100		
53	90.9	48.0	144.2
89	46.6	23.4	70.3

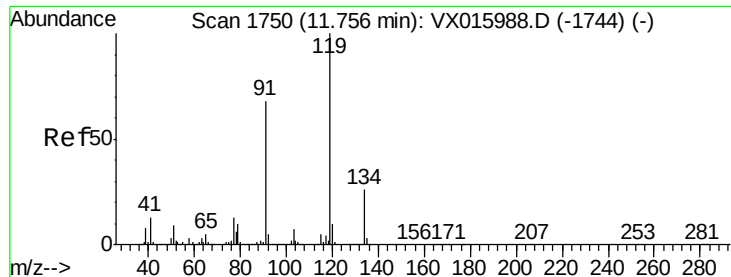


#78
4-Chlorotoluene
Concen: 19.624 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016109.D
Acq: 08 May 2020 09:58

Tgt Ion: 91 Resp: 254305

Ion	Ratio	Lower	Upper
91	100		
126	29.7	0.0	58.4

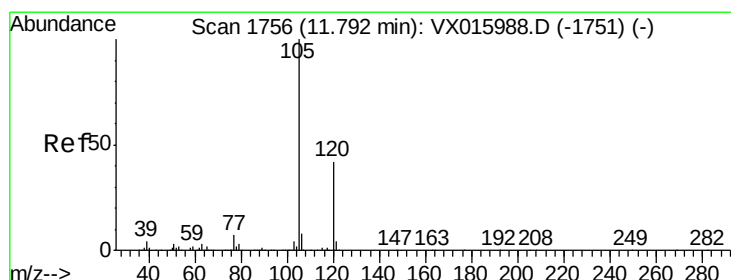
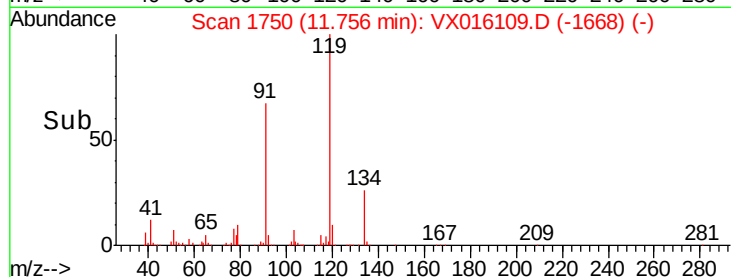
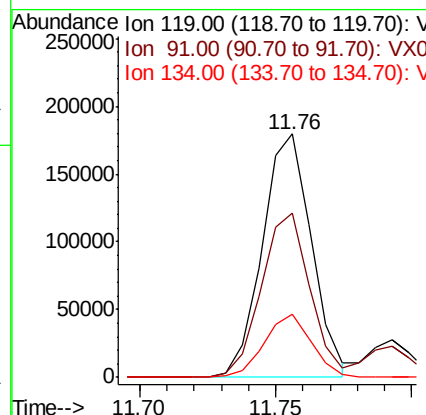
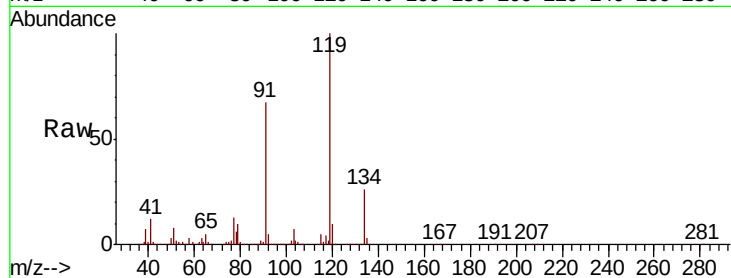




#79
 tert-butylbenzene
 Concen: 19.275 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX016109.D
 Acq: 08 May 2020 09:58

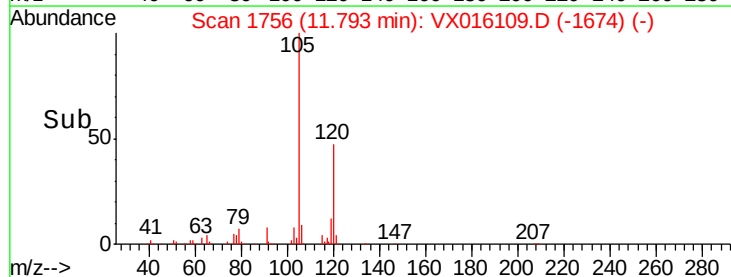
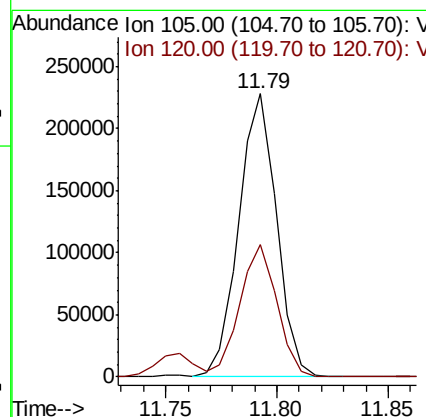
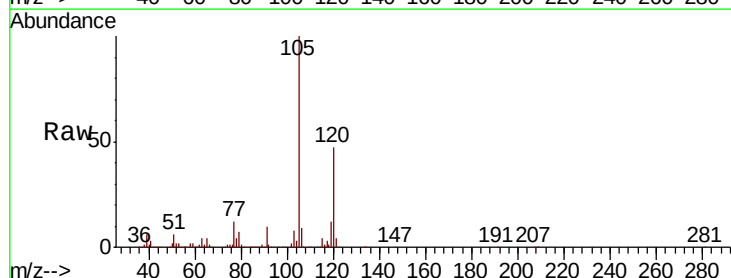
Instrument :
 MSVOA_X
 ClientSampled :

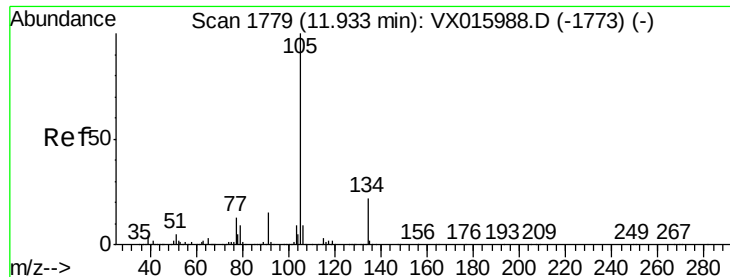
Tot Ion	Ratio	Lower	Upper
119	100		
91	67.2	0.0	135.6
134	25.0	0.0	51.0



#80
 1,2,4-Trimethylbenzene
 Concen: 19.888 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX016109.D
 Acq: 08 May 2020 09:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	0.0	91.0





#81

sec-Butylbenzene

Concen: 19.956 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016109.D

Acq: 08 May 2020 09:58

Instrument :

MSVOA_X

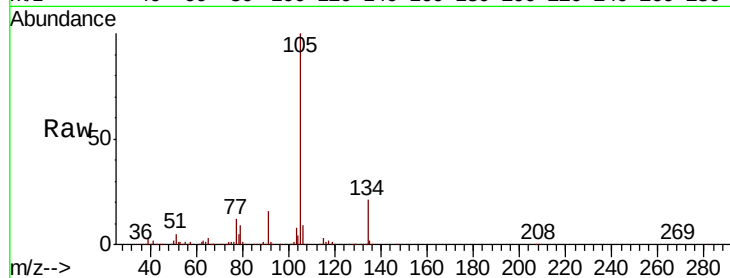
ClientSampled :

Tot Ion:105 Resp: 312972

Ion Ratio Lower Upper

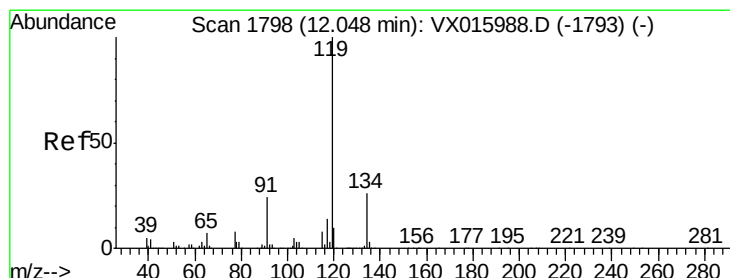
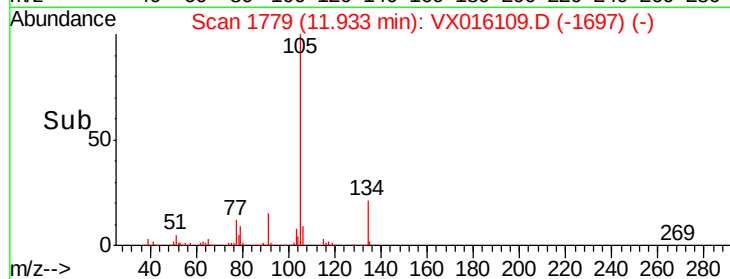
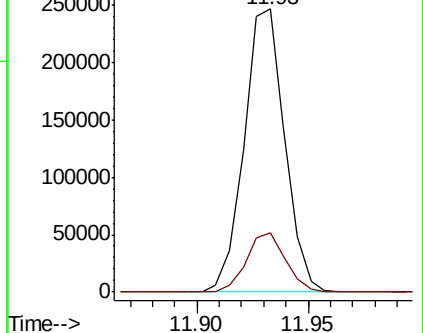
105 100

134 20.3 0.0 41.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 19.828 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016109.D

Acq: 08 May 2020 09:58

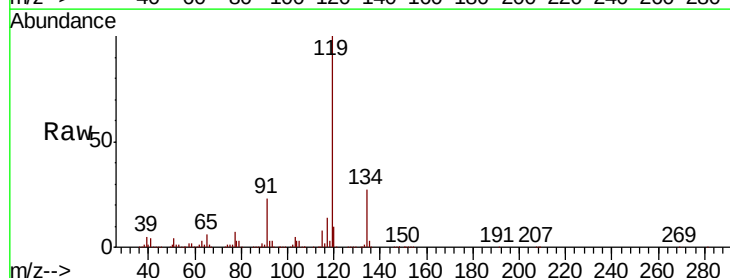
Tgt Ion:119 Resp: 288175

Ion Ratio Lower Upper

119 100

134 26.6 0.0 52.6

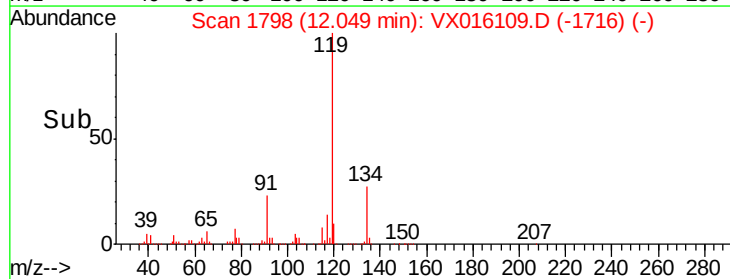
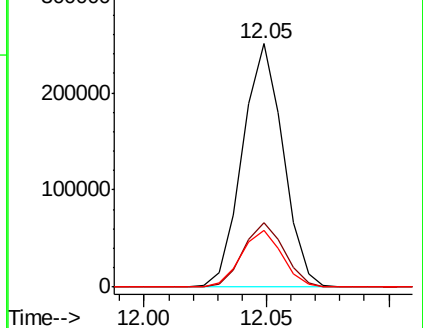
91 23.5 0.0 47.6

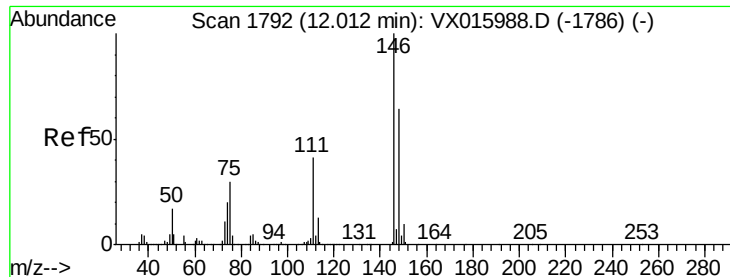


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

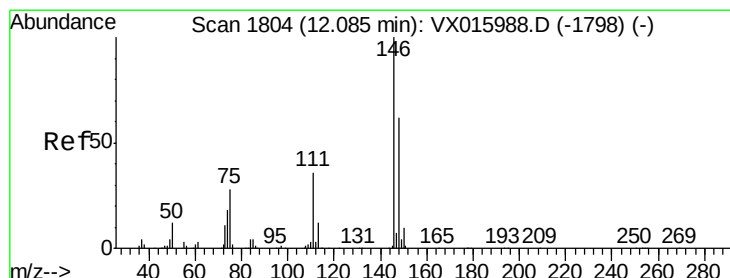
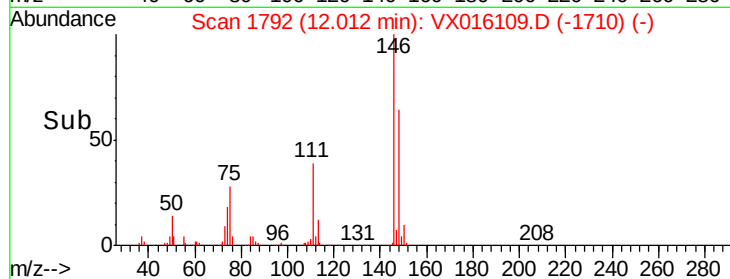
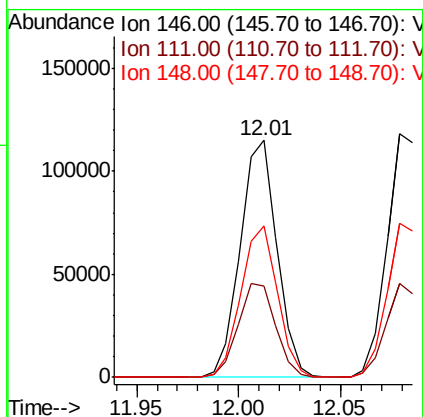
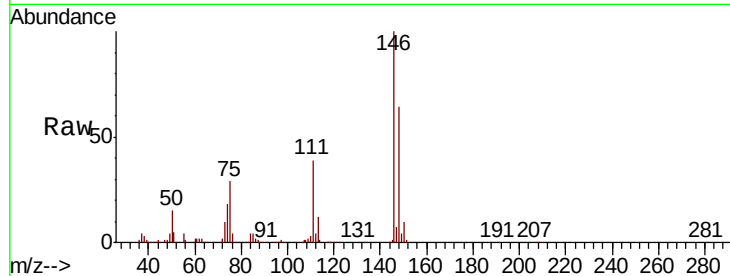




#83
 1,3-Dichlorobenzene
 Concen: 19.857 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016109.D
 Acq: 08 May 2020 09:58

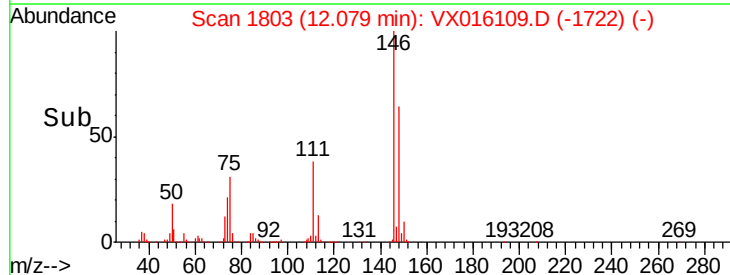
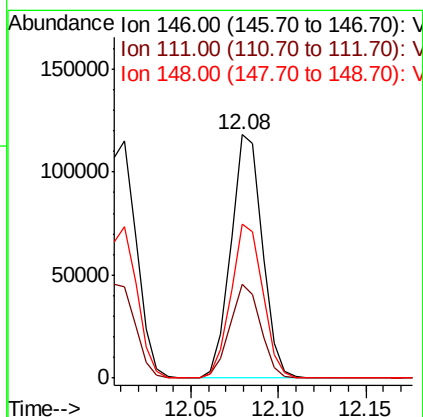
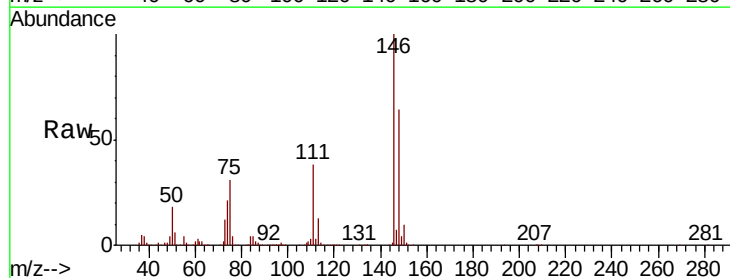
Instrument :
 MSVOA_X
 ClientSampleId :

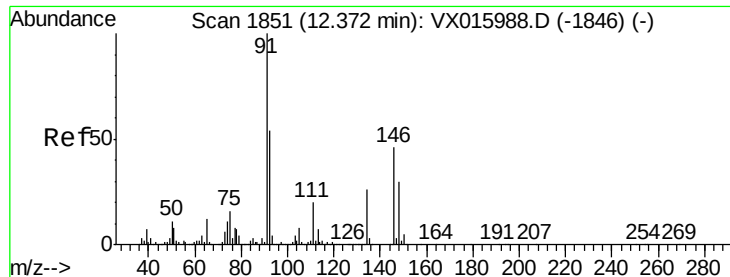
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.4	61.3
148	63.5	31.9	95.9



#84
 1,4-Dichlorobenzene
 Concen: 20.440 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016109.D
 Acq: 08 May 2020 09:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.7	59.0
148	64.0	32.0	96.0





#85

n-Butylbenzene

Concen: 19.620 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX016109.D

Acq: 08 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

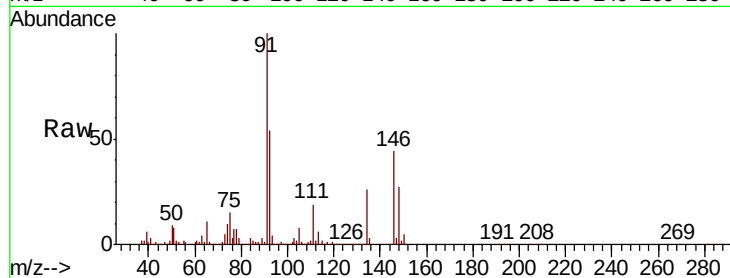
Tot Ion: 91 Resp: 260467

Ion Ratio Lower Upper

91 100

92 54.9 0.0 110.2

134 26.3 0.0 53.4

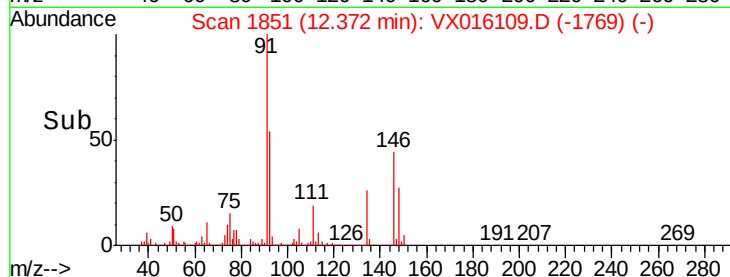


Abundance Ion 91.00 (90.70 to 91.70): VX015988.D (-1846) (-)

Ion 92.00 (91.70 to 92.70): VX015988.D (-1846) (-)

Ion 134.00 (133.70 to 134.70): VX015988.D (-1846) (-)

Time-->

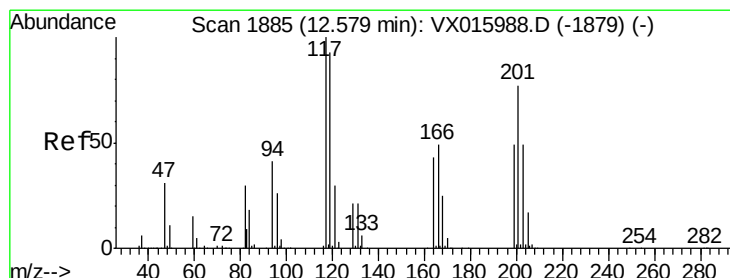


Abundance Ion 91.00 (90.70 to 91.70): VX016109.D (-1769) (-)

Ion 92.00 (91.70 to 92.70): VX016109.D (-1769) (-)

Ion 134.00 (133.70 to 134.70): VX016109.D (-1769) (-)

Time-->



#86

Hexachloroethane

Concen: 19.429 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX016109.D

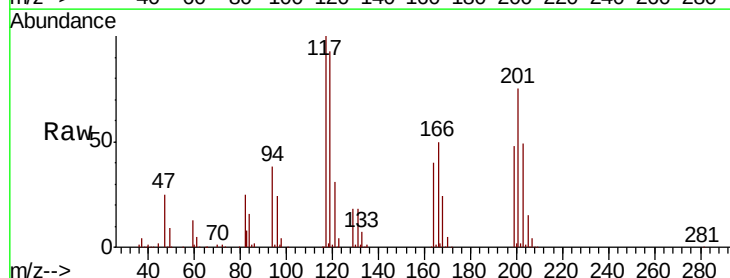
Acq: 08 May 2020 09:58

Tgt Ion: 117 Resp: 49711

Ion Ratio Lower Upper

117 100

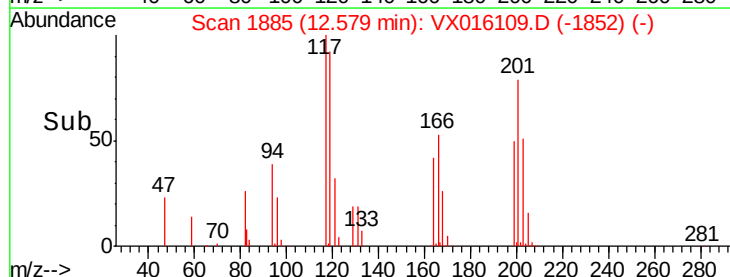
201 78.7 40.1 120.2



Abundance Ion 117.00 (116.70 to 117.70): VX015988.D (-1879) (-)

Ion 201.00 (200.70 to 201.70): VX015988.D (-1879) (-)

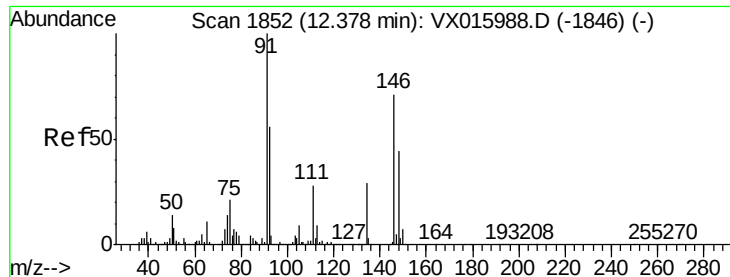
Time-->



Abundance Ion 117.00 (116.70 to 117.70): VX016109.D (-1852) (-)

Ion 201.00 (200.70 to 201.70): VX016109.D (-1852) (-)

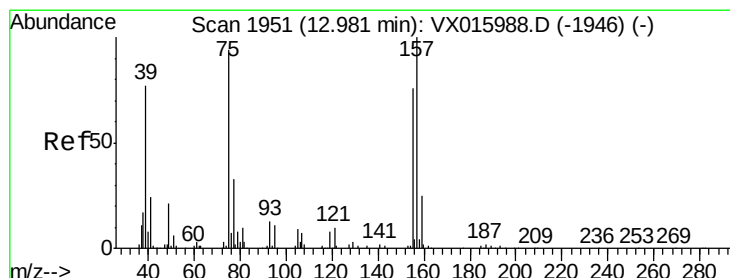
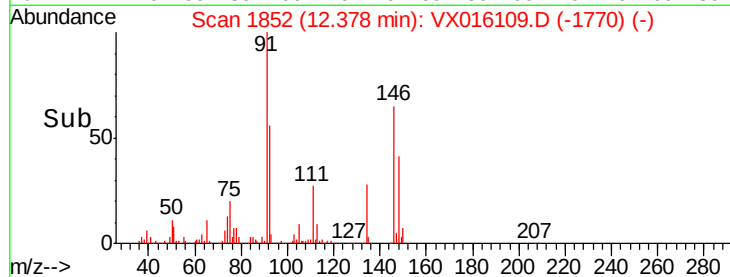
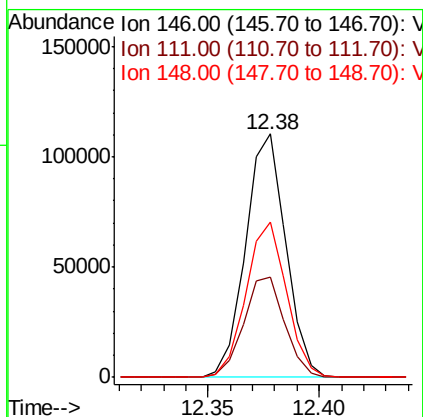
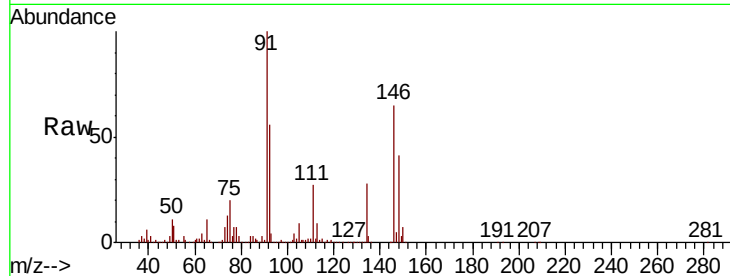
Time-->



#87
 1,2-Dichlorobenzene
 Concen: 19.732 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016109.D
 Acq: 08 May 2020 09:58

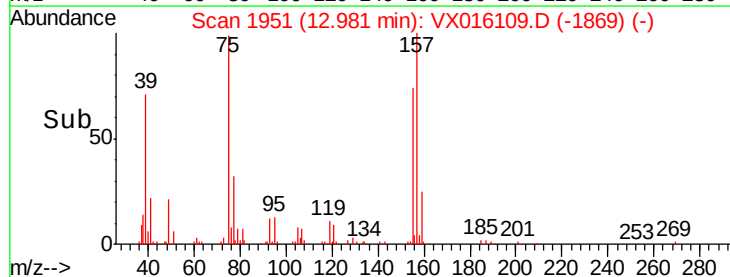
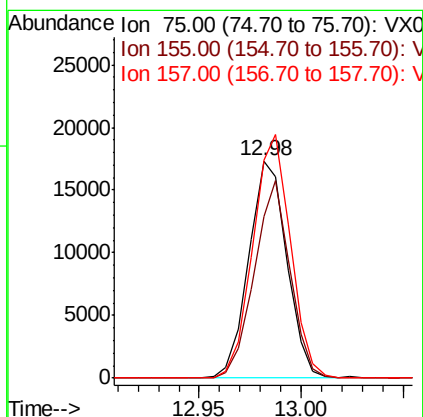
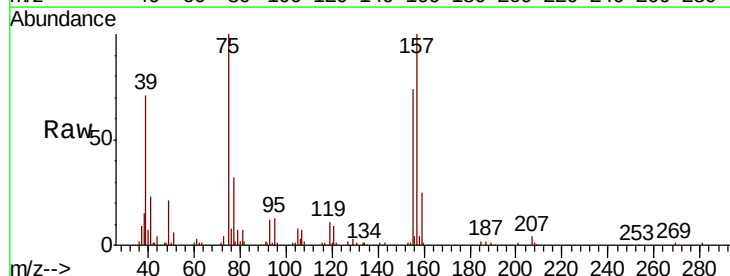
Instrument :
 MSVOA_X
 ClientSampled :

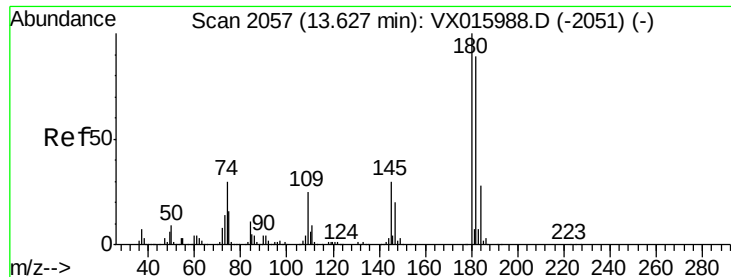
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.7	62.1
148	64.0	32.0	96.2



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.115 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016109.D
 Acq: 08 May 2020 09:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.9	66.9	100.3
157	110.1	88.2	132.2





#89

1,2,4-Trichlorobenzene

Concen: 19.826 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX016109.D

Acq: 08 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

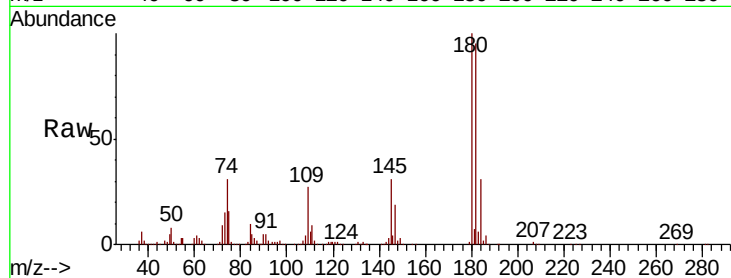
Tot Ion:180 Resp: 102924

Ion Ratio Lower Upper

180 100

182 94.4 75.0 112.6

145 29.9 23.9 35.9

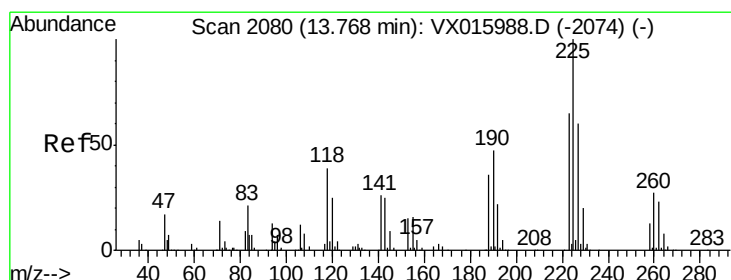
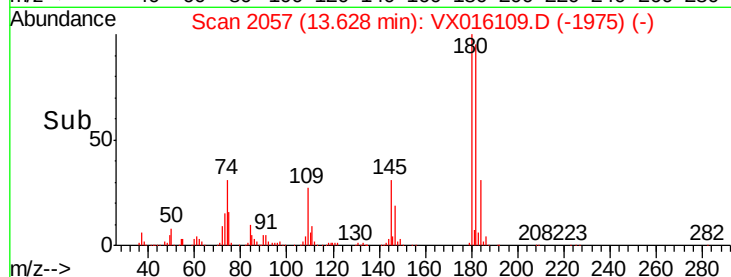
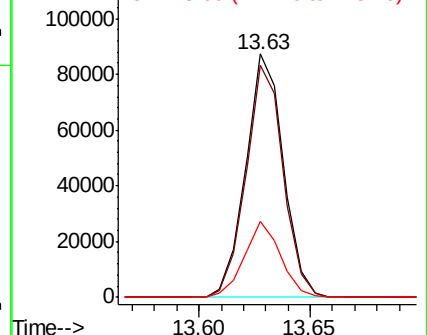


Abundance

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



#90

Hexachlorobutadiene

Concen: 21.617 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016109.D

Acq: 08 May 2020 09:58

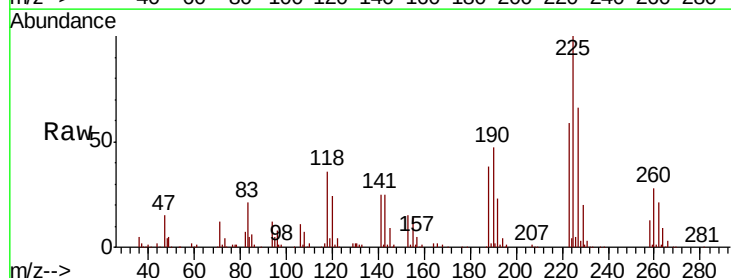
Tgt Ion:225 Resp: 48230

Ion Ratio Lower Upper

225 100

223 62.1 0.0 123.6

227 63.4 0.0 123.6

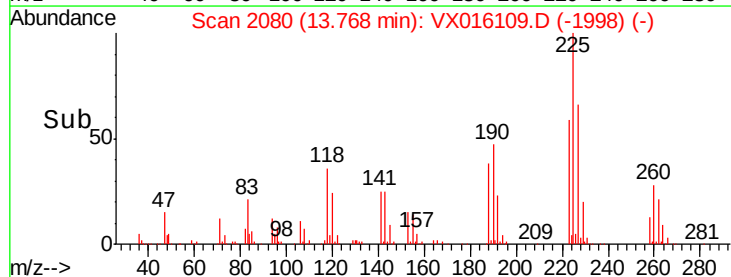
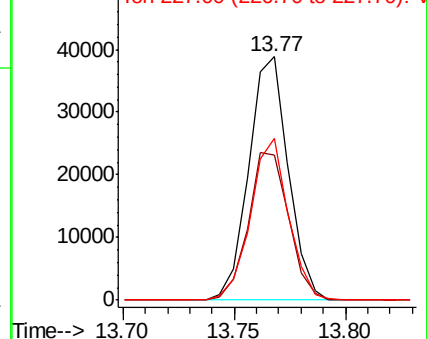


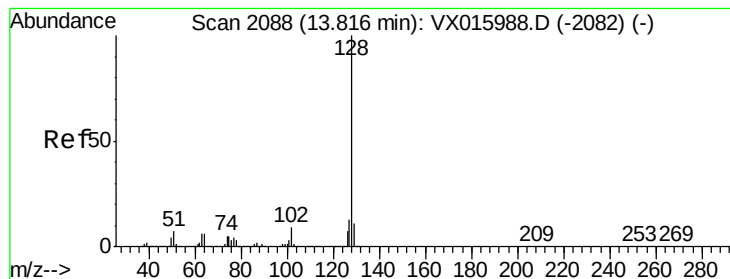
Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 19.342 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016109.D

Acq: 08 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

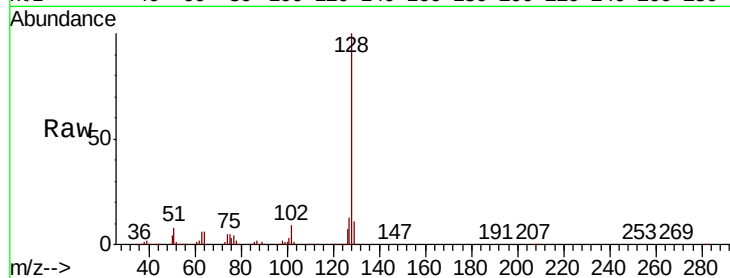
Tot Ion:128 Resp: 319668

Ion Ratio Lower Upper

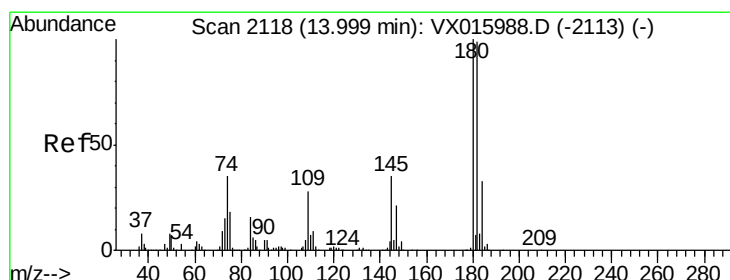
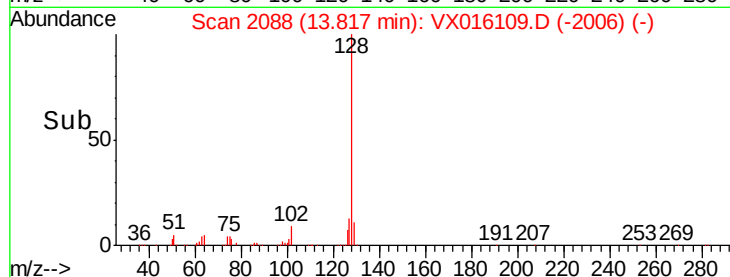
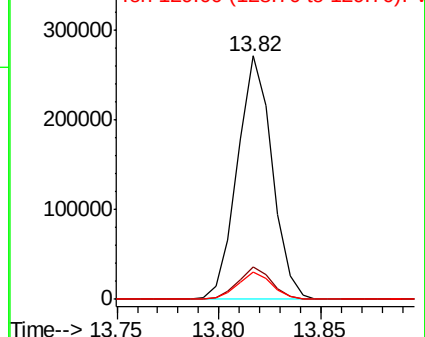
128 100

127 12.8 10.5 15.7

129 11.0 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



#92

1,2,3-Trichlorobenzene

Concen: 19.977 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX016109.D

Acq: 08 May 2020 09:58

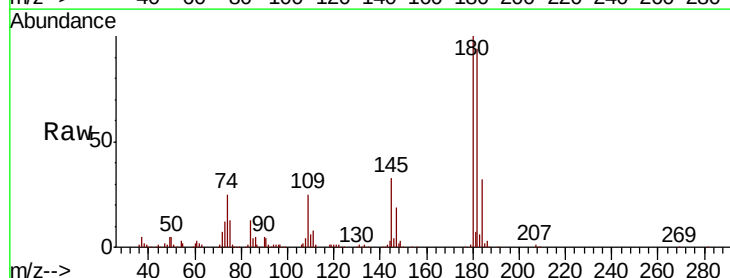
Tgt Ion:180 Resp: 99631

Ion Ratio Lower Upper

180 100

182 94.6 0.0 197.2

145 32.8 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

