

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050520\
 Data File : VX016056.D
 Acq On : 05 May 2020 12:18
 Operator : JC/SP
 Sample : L2182-07 0.75PPB LOD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 06 04:56:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 04:29:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	310338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	498086	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	449720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	220852	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	190578	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	
35) Dibromofluoromethane	5.47	113	141463	44.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.66%	
50) Toluene-d8	8.70	98	561364	46.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.34%	
62) 4-Bromofluorobenzene	11.12	95	202705	43.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.66%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	1616	0.492	ug/l	95
3) Chloromethane	1.31	50	2355	0.617	ug/l	95
4) Vinyl Chloride	1.39	62	2076	0.510	ug/l	95
5) Bromomethane	1.63	94	2019	0.984	ug/l	94
6) Chloroethane	1.71	64	1463	0.591	ug/l	95
7) Trichlorofluoromethane	1.92	101	2679	0.501	ug/l #	82
8) Diethyl Ether	2.17	74	1575	0.700	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1507	0.489	ug/l #	86
10) Methyl Iodide	2.50	142	1733	0.419	ug/l #	97
11) Tert butyl alcohol	3.01	59	2865	2.774	ug/l #	92
12) 1,1-Dichloroethene	2.36	96	1877	0.582	ug/l	93
13) Acrolein	2.27	56	2067	3.199	ug/l	91
14) Allyl chloride	2.71	41	3245	0.549	ug/l	98
15) Acrylonitrile	3.12	53	5496	2.565	ug/l	97
16) Acetone	2.42	43	6414	3.520	ug/l	100
17) Carbon Disulfide	2.55	76	7334	0.552	ug/l #	92
18) Methyl Acetate	2.75	43	2447	0.546	ug/l #	84
19) Methyl tert-butyl Ether	3.17	73	5501	0.495	ug/l	95
20) Methylene Chloride	2.84	84	2403	0.640	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	2588	0.720	ug/l #	72
22) Diisopropyl ether	3.82	45	6162	0.552	ug/l #	94
23) Vinyl Acetate	3.79	43	21489	2.189	ug/l	95
24) 1,1-Dichloroethane	3.67	63	3345	0.536	ug/l	97
25) 2-Butanone	4.64	43	7589	2.585	ug/l	97
26) 2,2-Dichloropropane	4.55	77	3108	0.545	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	2077	0.528	ug/l	97
28) Bromochloromethane	4.99	49	1816	0.638	ug/l #	89
29) Tetrahydrofuran	5.10	42	4708	2.420	ug/l	95
30) Chloroform	5.19	83	3317	0.534	ug/l	91
31) Cyclohexane	5.54	56	2988	0.527	ug/l	93
32) 1,1,1-Trichloroethane	5.47	97	3021	0.535	ug/l #	50
36) 1,1-Dichloropropene	5.78	75	2747	0.560	ug/l	92
37) Ethyl Acetate	4.81	43	3375	0.594	ug/l #	93
38) Carbon Tetrachloride	5.76	117	2664	0.535	ug/l	86

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 ClientSampleId :

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 04:29:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	2778	0.470	ug/l	95
40) Benzene	6.12	78	7790	0.543	ug/l	95
41) Methacrylonitrile	5.00	41	1583	0.516	ug/l #	80
42) 1,2-Dichloroethane	6.17	62	3068	0.594	ug/l	99
43) Isopropyl Acetate	6.42	43	4570	0.504	ug/l	98
44) Trichloroethene	7.19	130	2771	0.544	ug/l	92
45) 1,2-Dichloropropane	7.49	63	1974	0.544	ug/l #	84
46) Dibromomethane	7.65	93	1331	0.540	ug/l	96
47) Bromodichloromethane	7.88	83	2423	0.482	ug/l #	81
48) Methyl methacrylate	7.75	41	1856	0.432	ug/l #	87
49) 1,4-Dioxane	7.72	88	1050	10.190	ug/l #	85
51) 4-Methyl-2-Pentanone	8.62	43	12592	2.269	ug/l	99
52) Toluene	8.77	92	4369	0.489	ug/l	92
53) t-1,3-Dichloropropene	9.02	75	3207	0.535	ug/l	90
54) cis-1,3-Dichloropropene	8.41	75	3023	0.483	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	1752	0.498	ug/l	98
56) Ethyl methacrylate	9.16	69	2526	0.440	ug/l #	78
57) 1,3-Dichloropropane	9.35	76	3211	0.523	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.29	63	6774	2.216	ug/l	96
59) 2-Hexanone	9.48	43	9489	2.178	ug/l	99
60) Dibromochloromethane	9.57	129	1712	0.442	ug/l	97
61) 1,2-Dibromoethane	9.65	107	1737	0.456	ug/l	94
64) Tetrachloroethene	9.32	164	2975	0.539	ug/l	94
65) Chlorobenzene	10.12	112	4847	0.515	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.20	131	1766	0.507	ug/l #	57
67) Ethyl Benzene	10.24	91	8306	0.494	ug/l	92
68) m/p-Xylenes	10.34	106	6223	0.989	ug/l	99
69) o-Xylene	10.68	106	2911	0.481	ug/l	98
70) Styrene	10.70	104	4731	0.461	ug/l	92
71) Bromoform	10.84	173	1214	0.428	ug/l #	100
73) Isopropylbenzene	11.01	105	7890	0.491	ug/l	98
74) N-amyl acetate	10.88	43	3913	0.522	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.26	83	1225	5.129	ug/l	92
76) 1,2,3-Trichloropropane	11.28	75	3602	0.719	ug/l	84
77) Bromobenzene	11.24	156	2286	0.551	ug/l	96
78) n-propylbenzene	11.34	91	9041	0.484	ug/l	100
79) 2-Chlorotoluene	11.41	91	5727	0.519	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	6390	0.471	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.12	75	103223	49.083	ug/l #	13
82) 4-Chlorotoluene	11.49	91	6922	0.531	ug/l	96
83) tert-Butylbenzene	11.76	119	5716	0.489	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	6247	0.456	ug/l	94
85) sec-Butylbenzene	11.93	105	7261	0.460	ug/l	94
86) p-Isopropyltoluene	12.05	119	6930	0.473	ug/l	88
87) 1,3-Dichlorobenzene	12.01	146	4089	0.549	ug/l	99
88) 1,4-Dichlorobenzene	12.01	146	4089	0.541	ug/l	99
89) n-Butylbenzene	12.37	91	6556	0.490	ug/l	98
90) Hexachloroethane	12.58	117	1112	0.442	ug/l	87
91) 1,2-Dichlorobenzene	12.38	146	3570	0.498	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	674	0.510	ug/l	80

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Quant Title : SW846 8260
QLast Update : Wed May 06 04:29:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	3001	0.565	ug/l	90
94) Hexachlorobutadiene	13.76	225	1241	1.061	ug/l	95
95) Naphthalene	13.82	128	8097	0.471	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	2515	0.485	ug/l	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

Instrument :

MSVOA_X

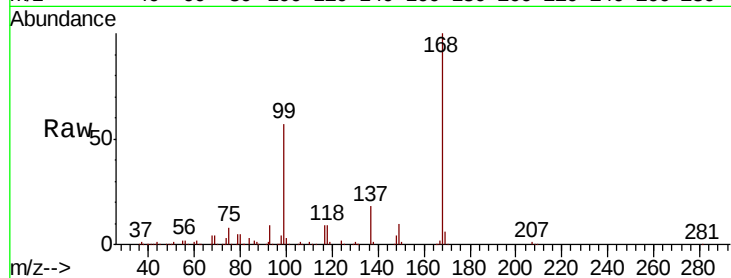
ClientSampleId :

Tot Ion:168 Resp: 310338

Ion Ratio Lower Upper

168 100

99 57.5 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

60000

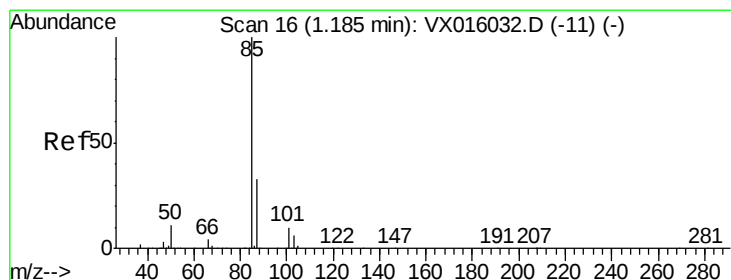
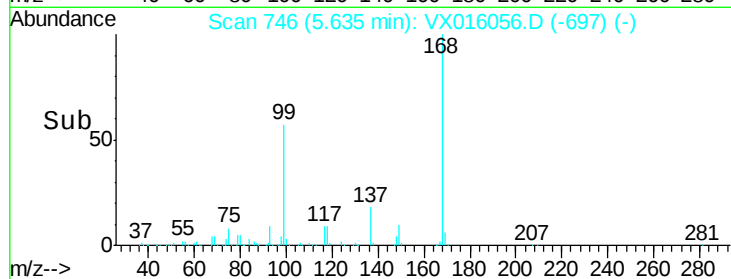
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.492 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016056.D

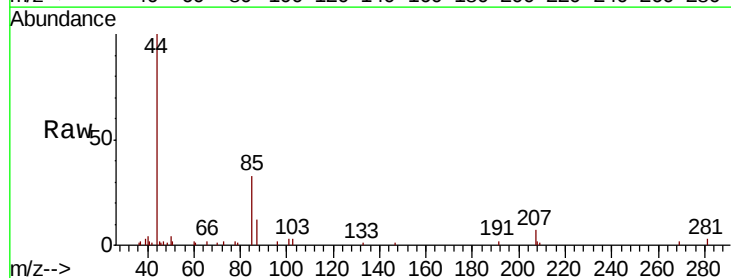
Acq: 05 May 2020 12:18

Tgt Ion: 85 Resp: 1616

Ion Ratio Lower Upper

85 100

87 35.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

2000

1500

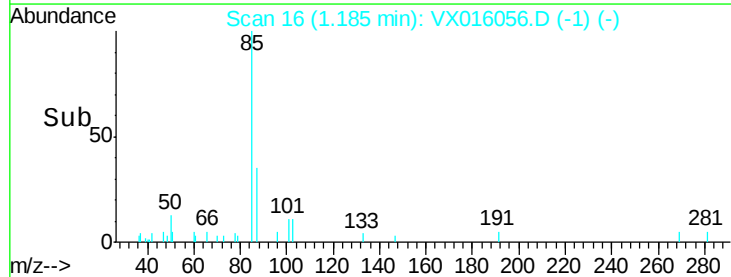
1000

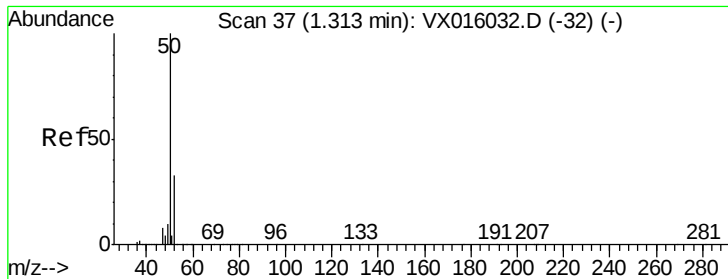
500

0

Time-->

1.15 1.20





#3

Chloromethane

Concen: 0.617 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

Instrument :

MSVOA_X

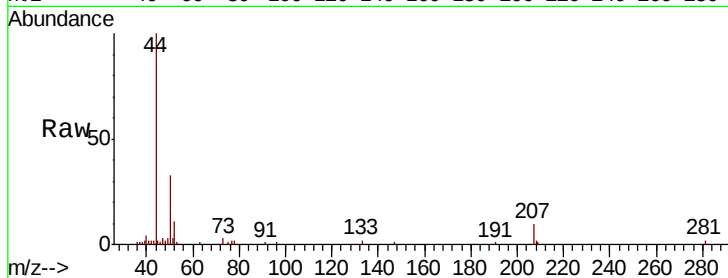
ClientSampleId :

Tot Ion: 50 Resp: 2355

Ion Ratio Lower Upper

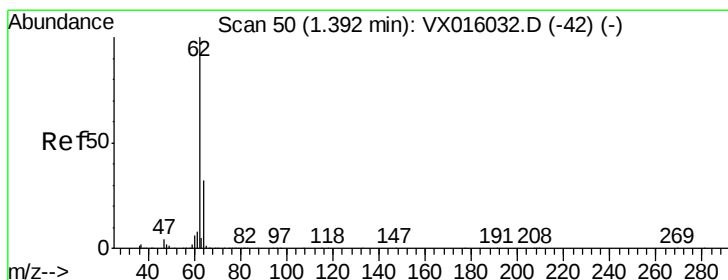
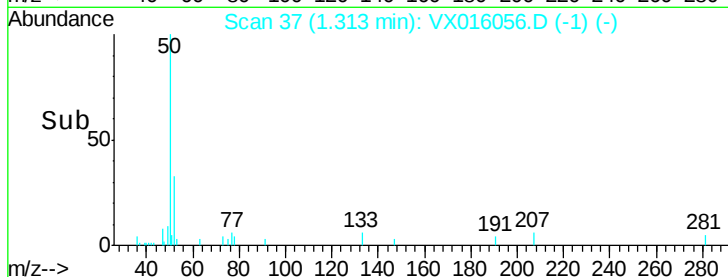
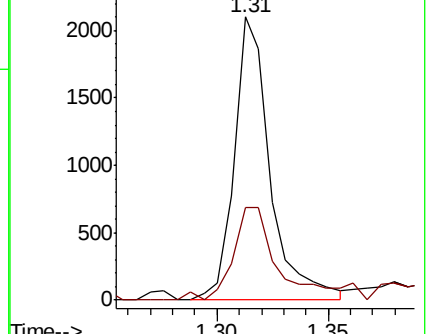
50 100

52 30.0 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 0.510 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016056.D

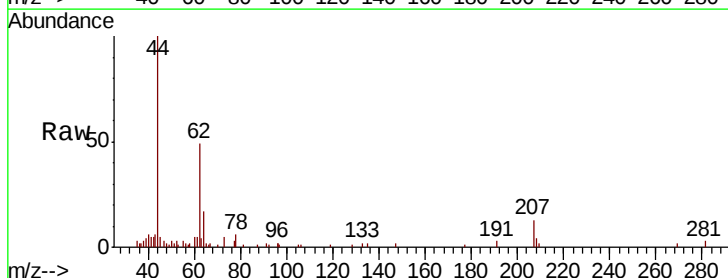
Acq: 05 May 2020 12:18

Tgt Ion: 62 Resp: 2076

Ion Ratio Lower Upper

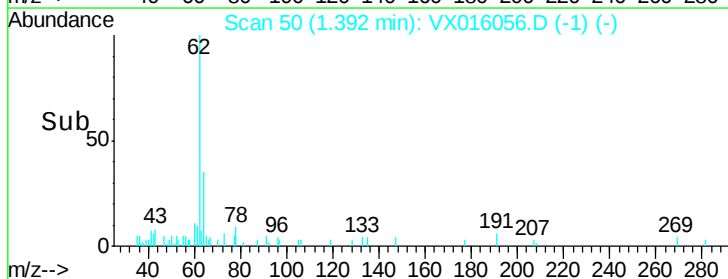
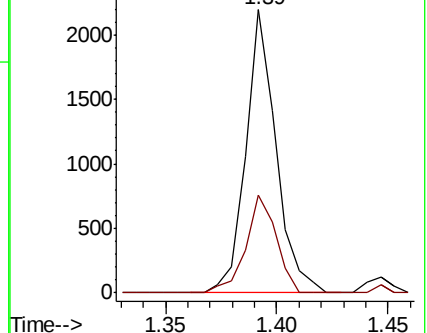
62 100

64 34.7 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 0.984 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

Instrument :

MSVOA_X

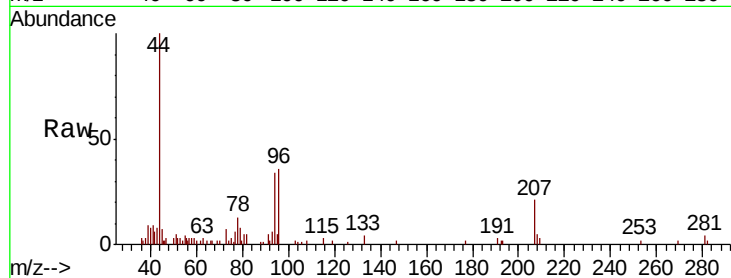
ClientSampled :

Tot Ion: 94 Resp: 2019

Ion Ratio Lower Upper

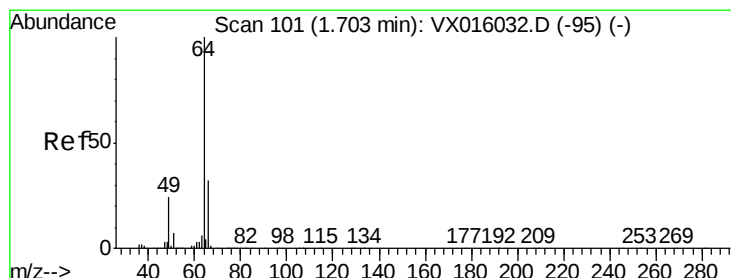
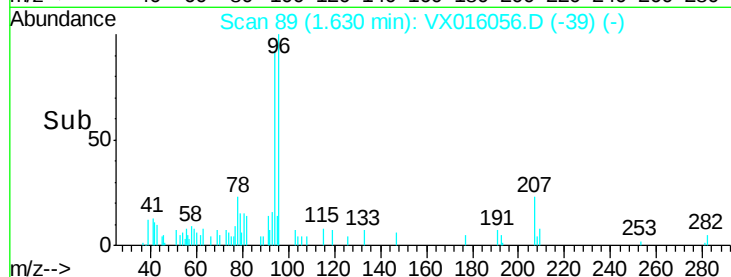
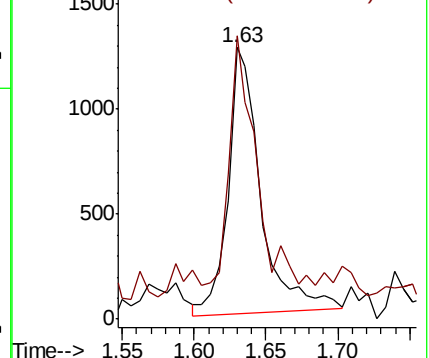
94 100

96 89.9 76.9 115.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.591 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016056.D

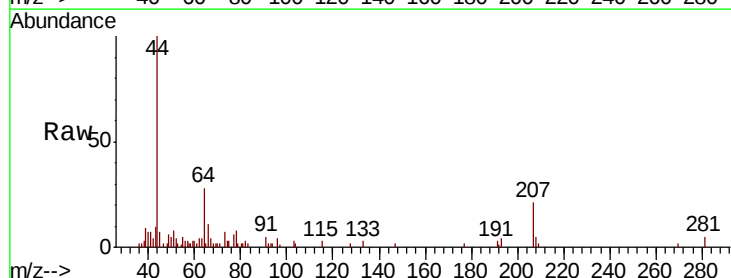
Acq: 05 May 2020 12:18

Tgt Ion: 64 Resp: 1463

Ion Ratio Lower Upper

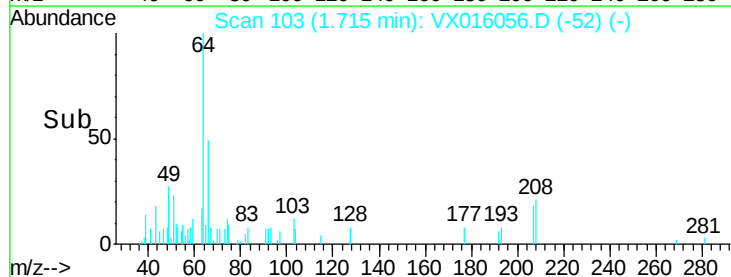
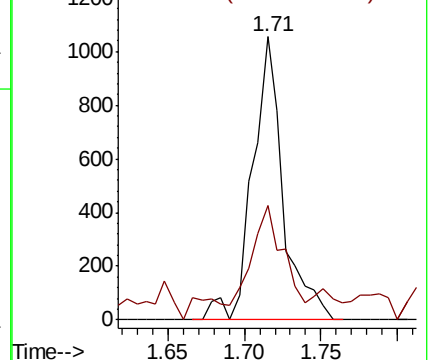
64 100

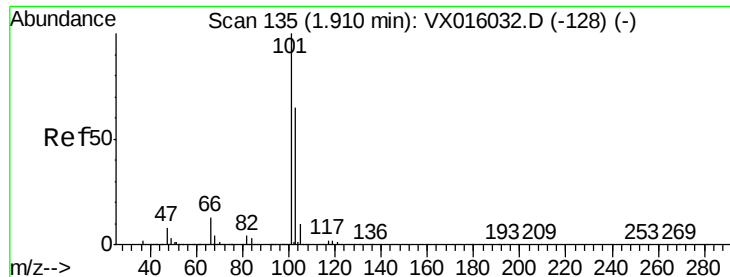
66 34.3 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



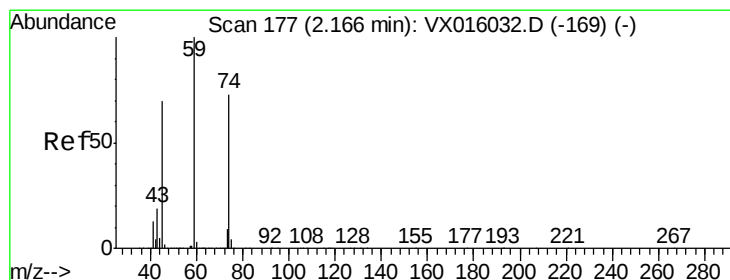
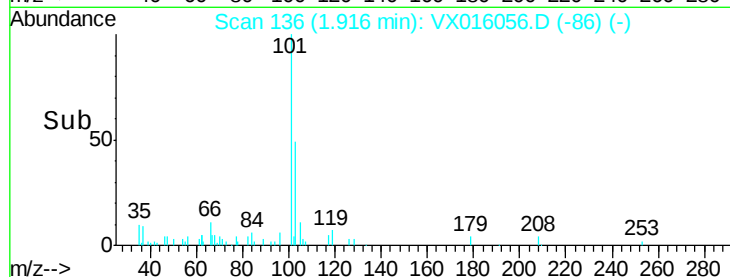
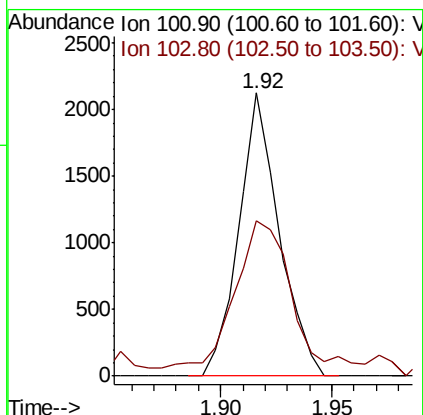
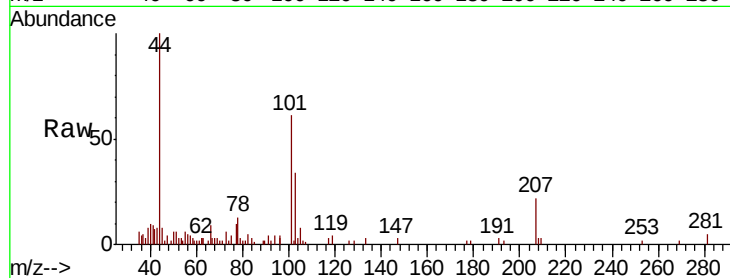


#7

Trichlorofluoromethane
Concen: 0.501 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016056.D
Acq: 05 May 2020 12:18

Instrument :
MSVOA_X
ClientSampled :

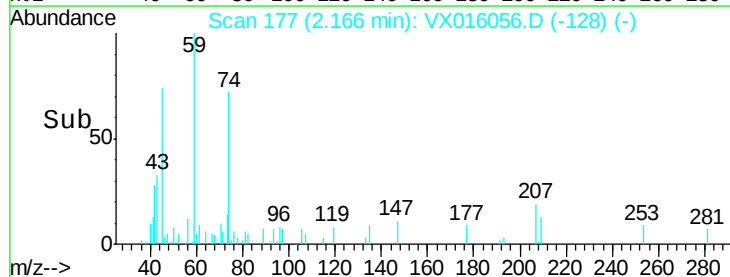
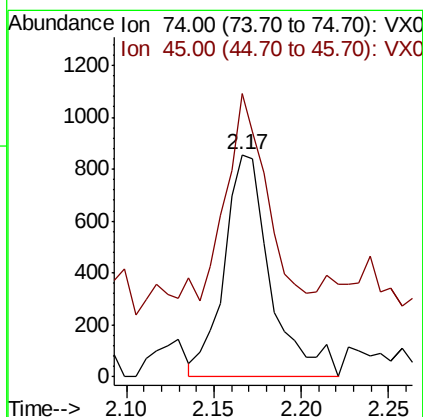
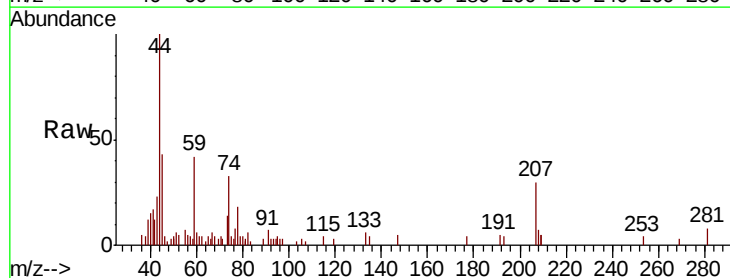
Tot Ion:101 Resp: 2679
Ion Ratio Lower Upper
101 100
103 50.2 51.8 77.6#

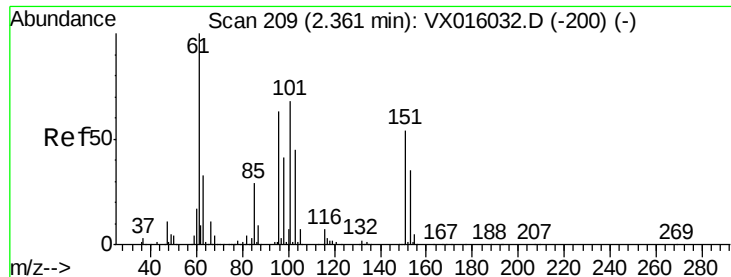


#8

Diethyl Ether
Concen: 0.700 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016056.D
Acq: 05 May 2020 12:18

Tgt Ion: 74 Resp: 1575
Ion Ratio Lower Upper
74 100
45 95.1 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.489 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

Instrument :

MSVOA_X

ClientSampled :

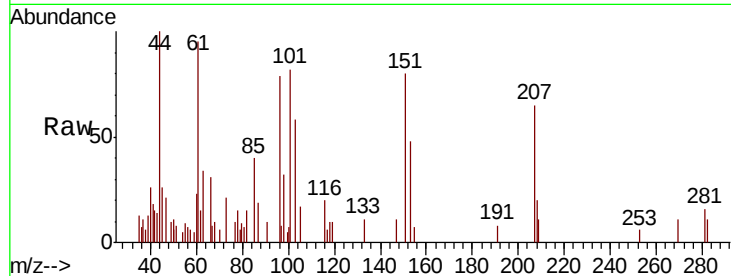
Tot Ion:101 Resp: 1507

Ion Ratio Lower Upper

101 100

85 57.9 34.2 51.4#

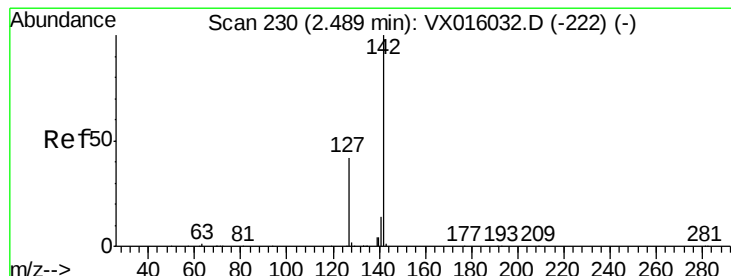
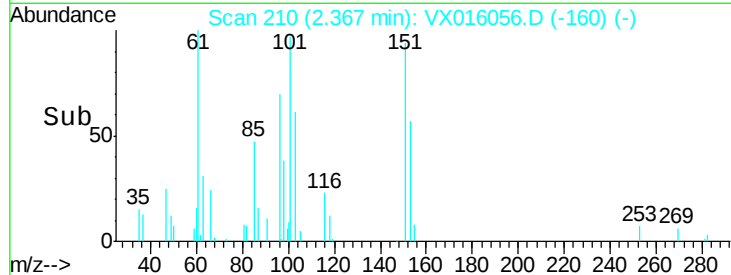
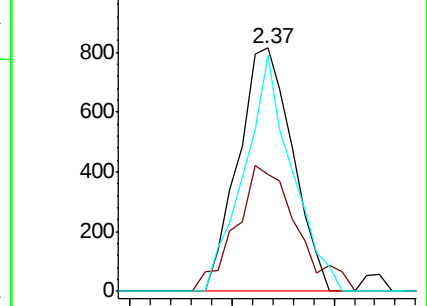
151 85.6 62.1 93.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.419 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

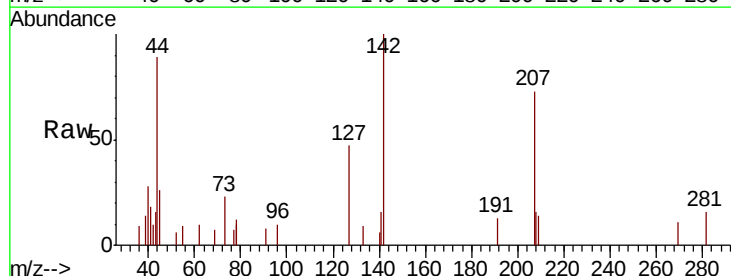
Tgt Ion:142 Resp: 1733

Ion Ratio Lower Upper

142 100

127 44.3 34.6 52.0

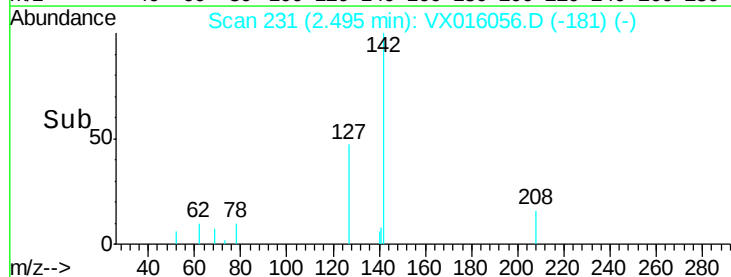
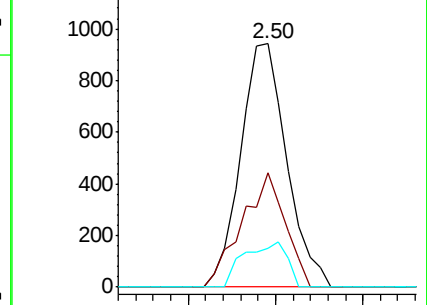
141 17.4 11.3 16.9#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



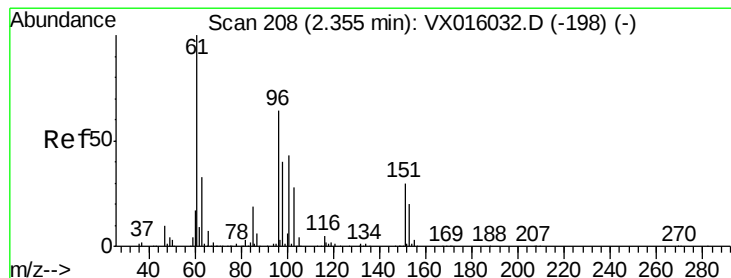
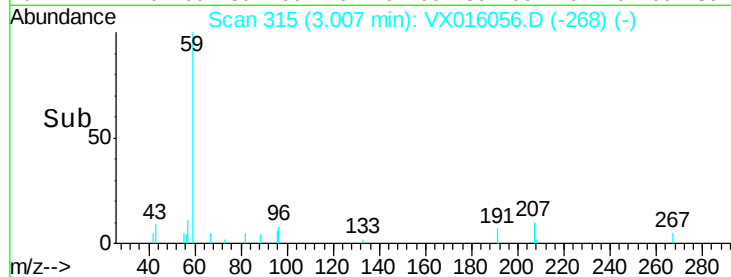
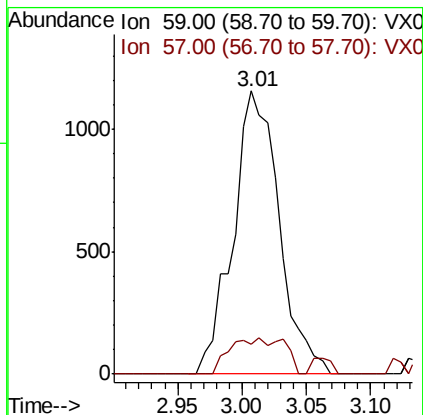
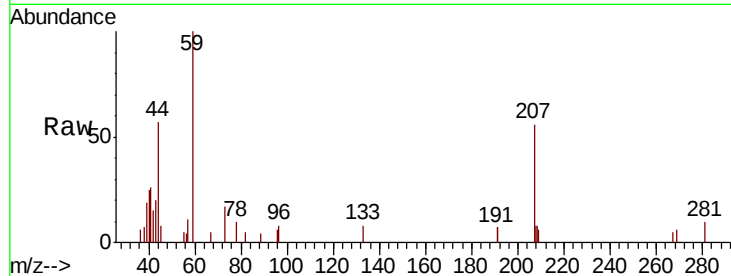


#11

Tert butyl alcohol
Concen: 2.774 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016056.D
Acq: 05 May 2020 12:18

Instrument :
MSVOA_X
ClientSampled :

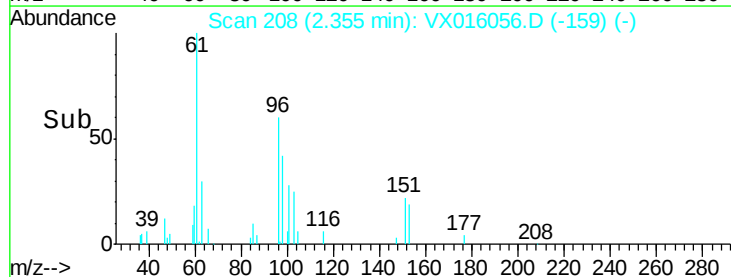
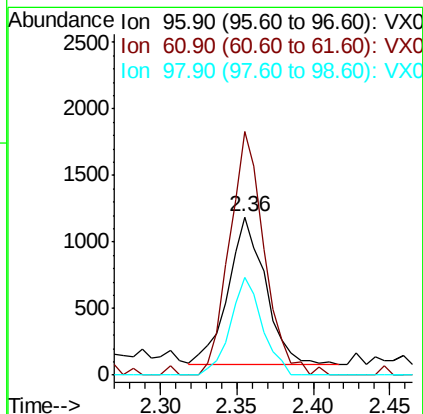
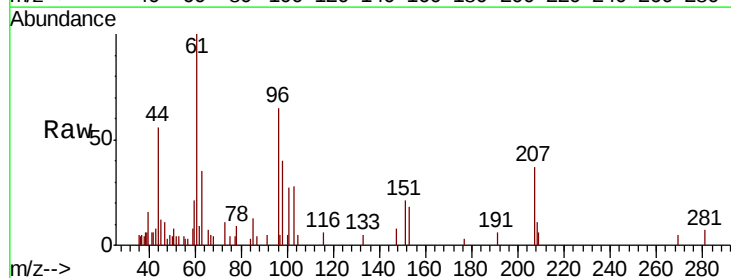
Tot Ion: 59 Resp: 2865
Ion Ratio Lower Upper
59 100
57 7.2 8.2 12.4#

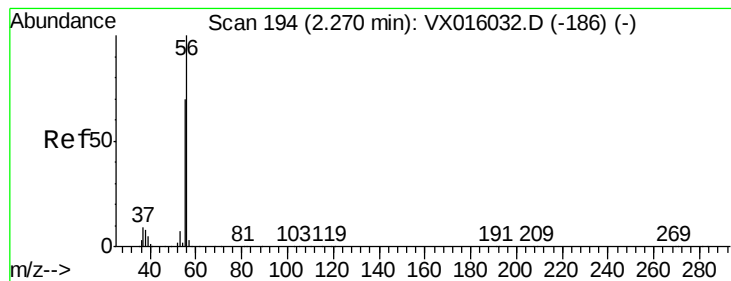


#12

1,1-Dichloroethene
Concen: 0.582 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016056.D
Acq: 05 May 2020 12:18

Tgt Ion: 96 Resp: 1877
Ion Ratio Lower Upper
96 100
61 165.0 124.8 187.2
98 66.5 49.7 74.5





#13

Acrolein

Concen: 3.199 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

Instrument :

MSVOA_X

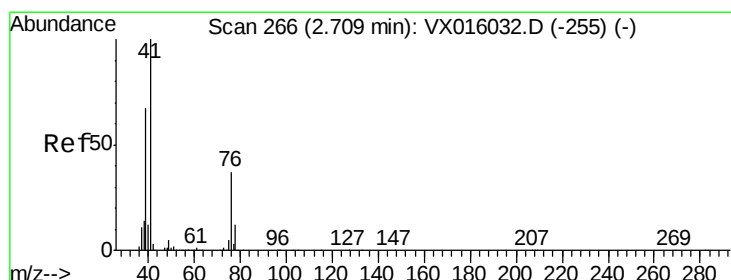
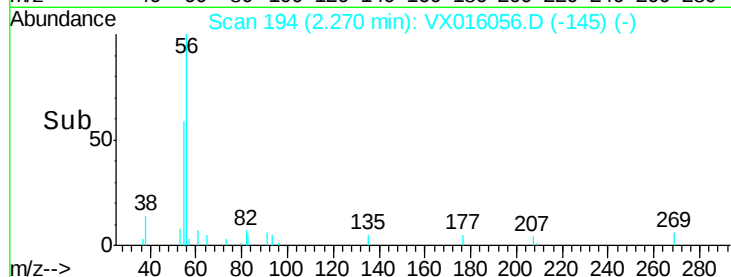
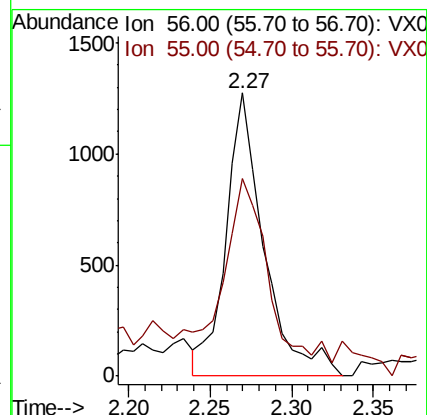
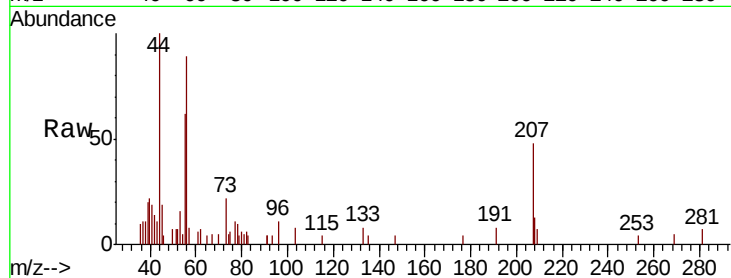
ClientSampled :

Tot Ion: 56 Resp: 2067

Ion Ratio Lower Upper

56 100

55 63.2 56.5 84.7



#14

Allyl chloride

Concen: 0.549 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

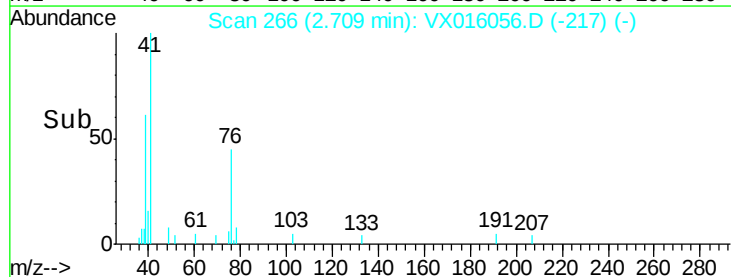
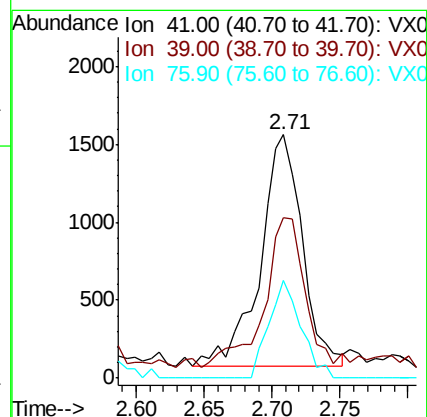
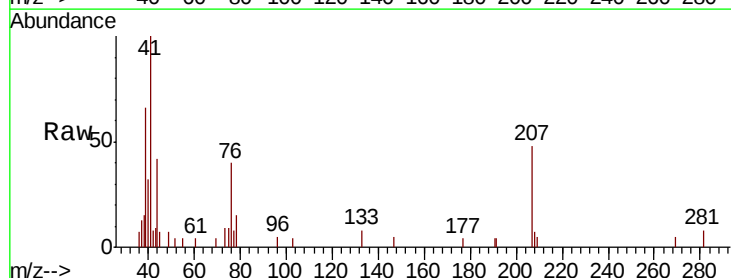
Tgt Ion: 41 Resp: 3245

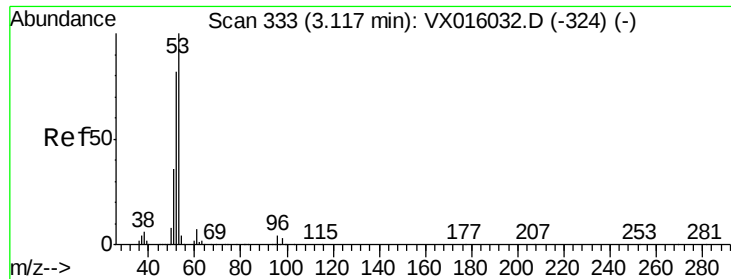
Ion Ratio Lower Upper

41 100

39 62.1 50.5 75.7

76 31.9 26.6 40.0





#15

Acrylonitrile

Concen: 2.565 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

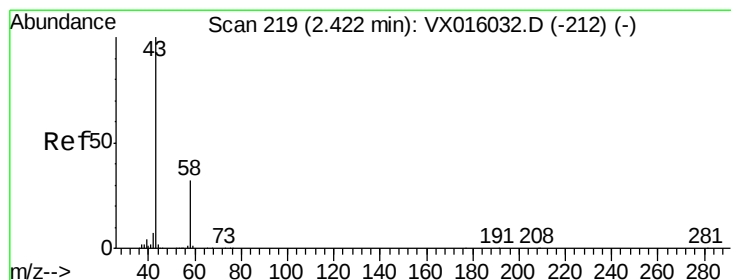
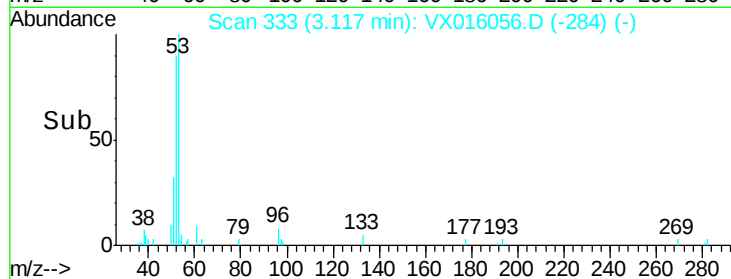
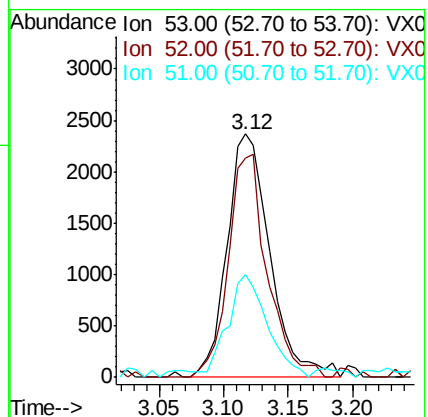
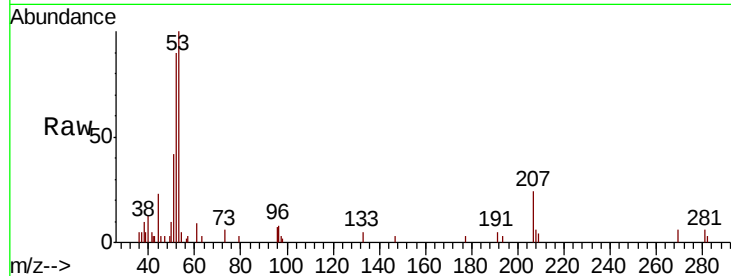
Tot Ion: 53 Resp: 5496

Ion Ratio Lower Upper

53 100

52 83.6 66.1 99.1

51 39.5 28.8 43.2



#16

Acetone

Concen: 3.520 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016056.D

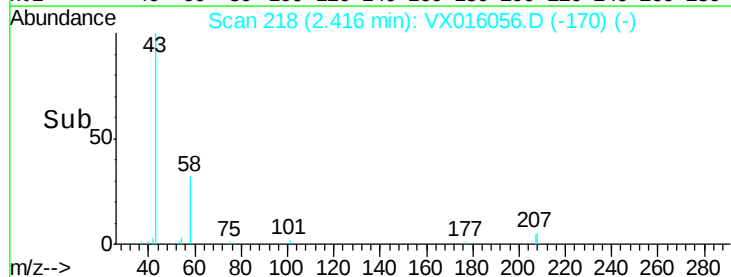
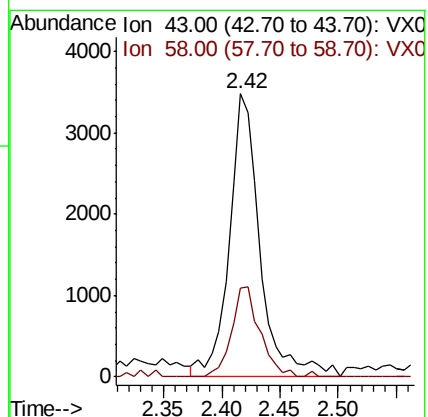
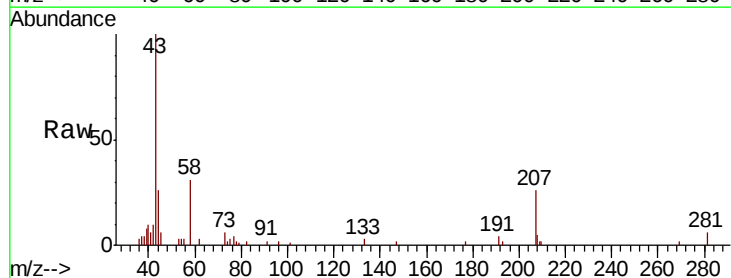
Acq: 05 May 2020 12:18

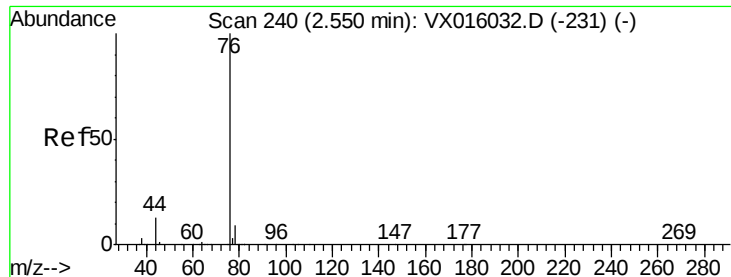
Tgt Ion: 43 Resp: 6414

Ion Ratio Lower Upper

43 100

58 31.5 25.4 38.0





#17

Carbon Disulfide

Concen: 0.552 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

Instrument :

MSVOA_X

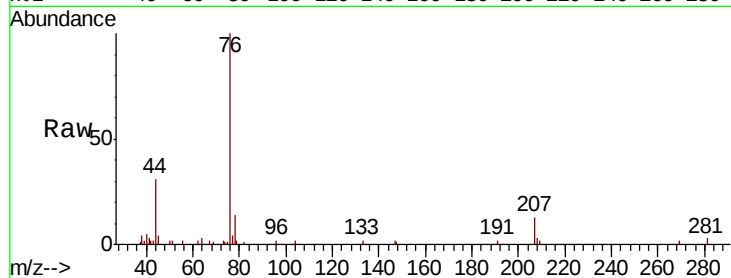
ClientSampleId :

Tot Ion: 76 Resp: 7334

Ion Ratio Lower Upper

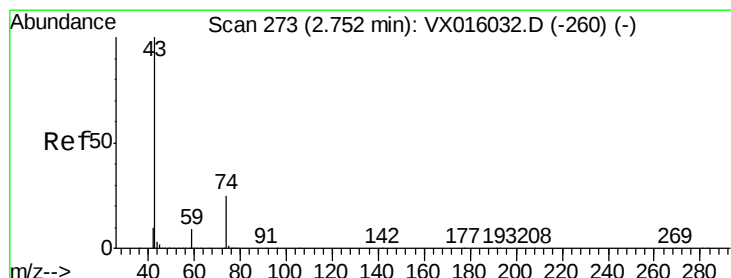
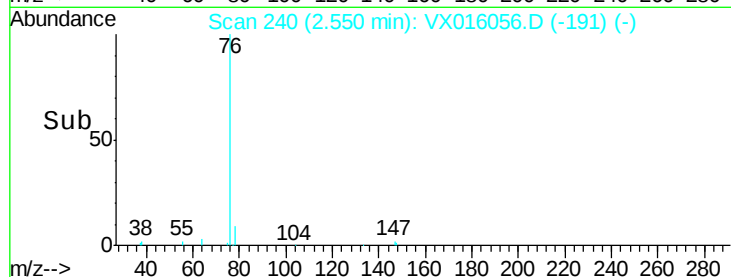
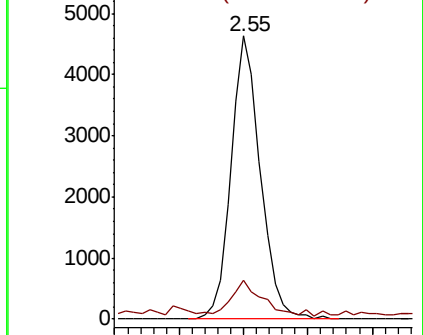
76 100

78 12.1 7.5 11.3#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.546 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016056.D

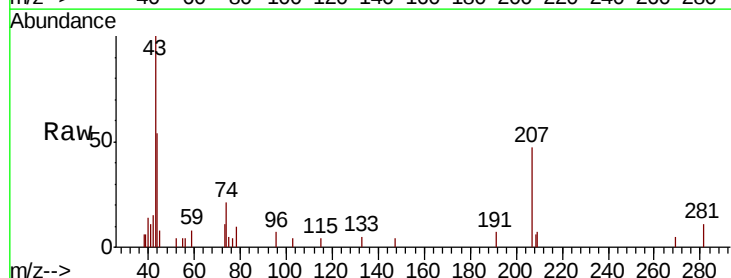
Acq: 05 May 2020 12:18

Tgt Ion: 43 Resp: 2447

Ion Ratio Lower Upper

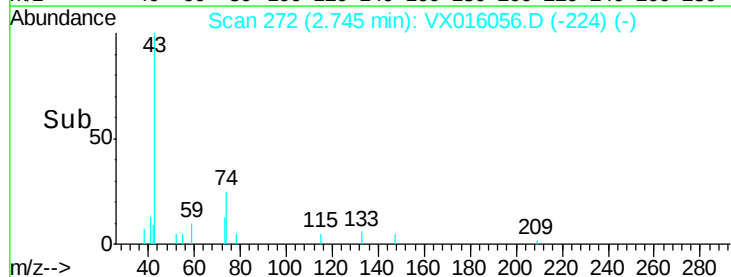
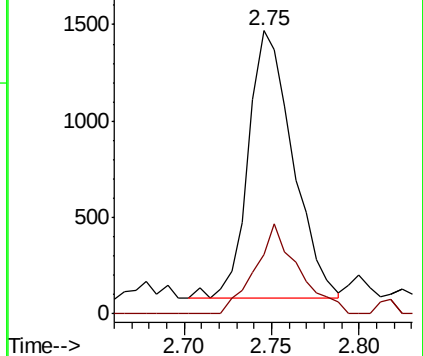
43 100

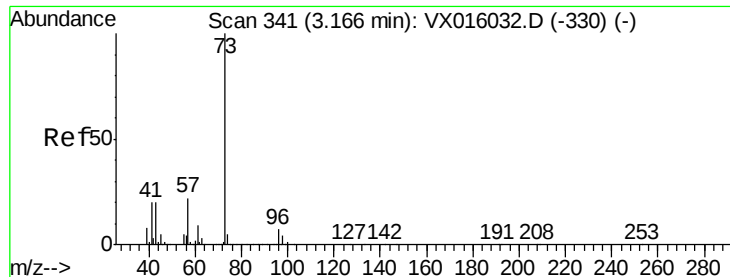
74 33.2 20.2 30.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



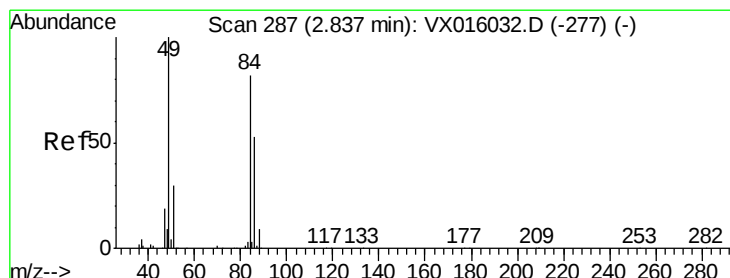
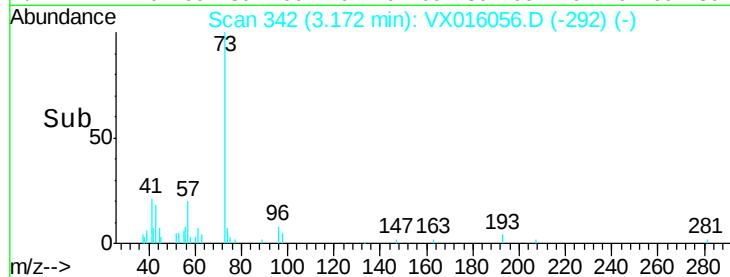
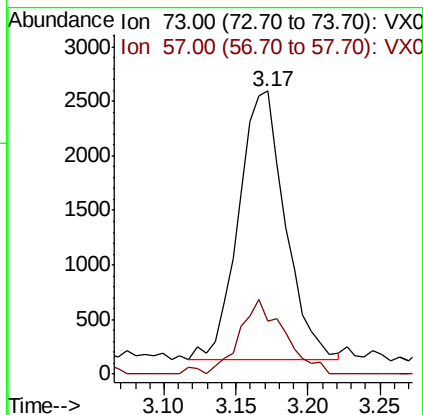
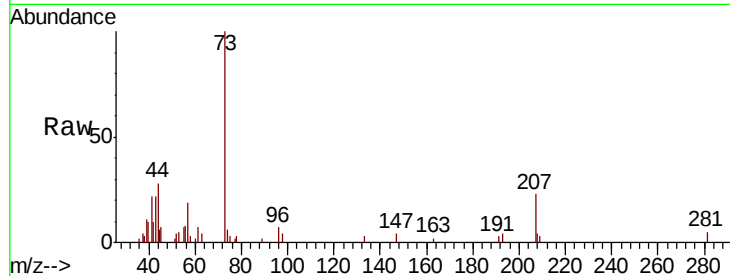


#19

Methyl tert-butyl Ether
 Concen: 0.495 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX016056.D
 Acq: 05 May 2020 12:18

Instrument :
 MSVOA_X
 ClientSampleId :

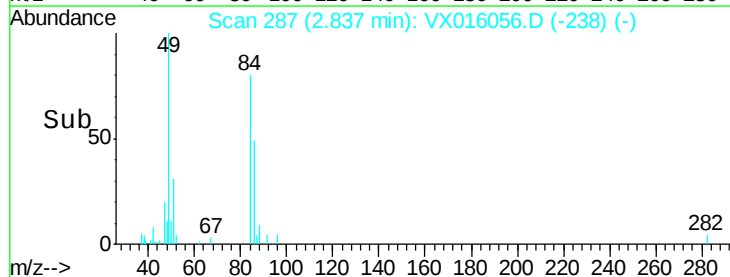
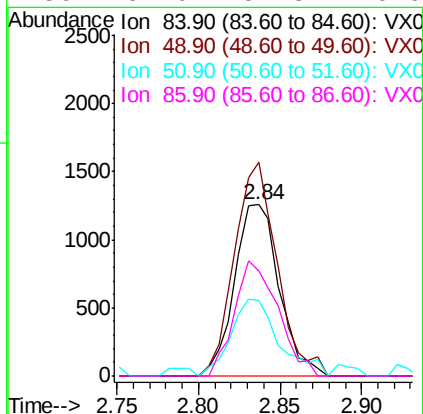
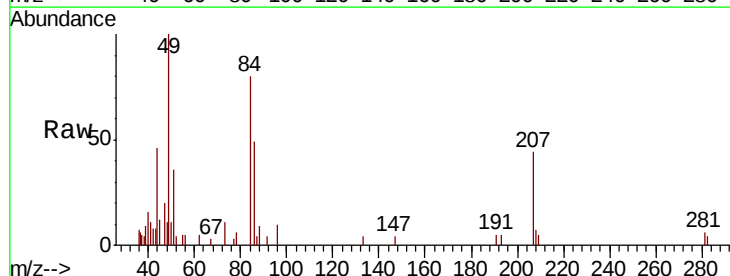
Tot Ion: 73 Resp: 5501
 Ion Ratio Lower Upper
 73 100
 57 20.0 17.8 26.6

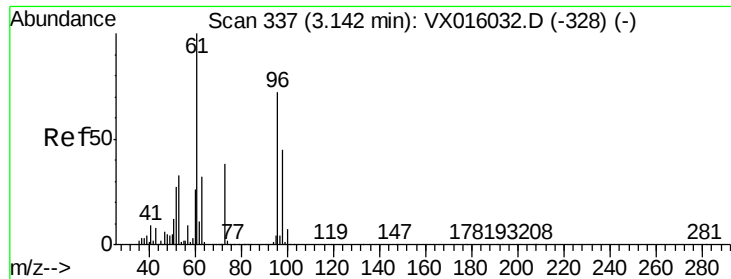


#20

Methylene Chloride
 Concen: 0.640 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX016056.D
 Acq: 05 May 2020 12:18

Tgt Ion: 84 Resp: 2403
 Ion Ratio Lower Upper
 84 100
 49 124.6 97.3 145.9
 51 39.8 29.3 43.9
 86 61.0 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 0.720 ug/l

RT: 3.15 min Scan# 339

Delta R.T. 0.01 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

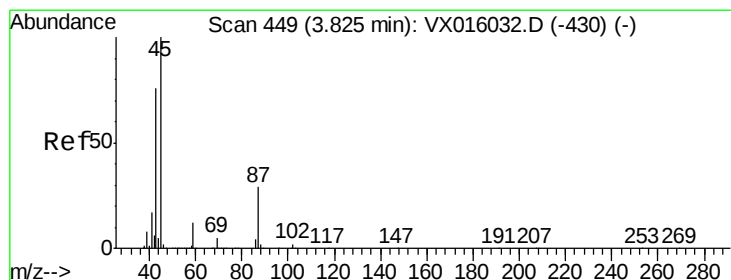
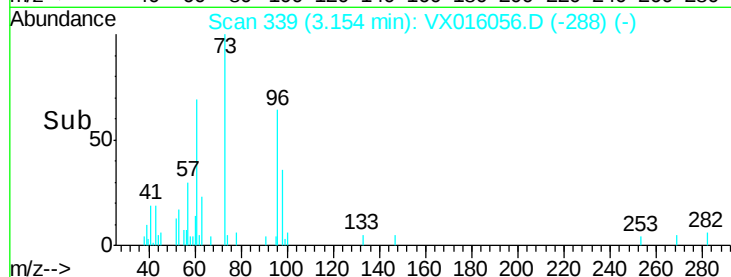
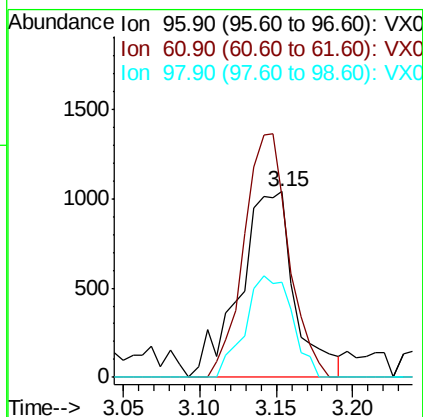
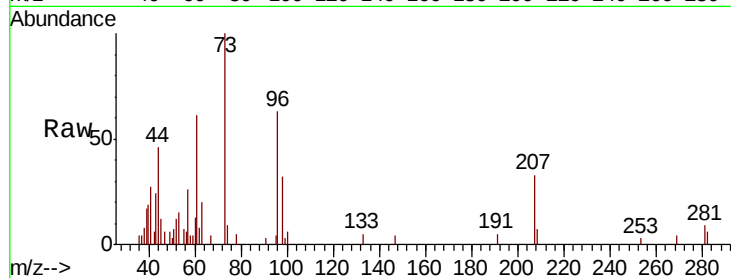
Tot Ion: 96 Resp: 2588

Ion Ratio Lower Upper

96 100

61 97.7 111.2 166.8#

98 51.0 50.2 75.4



#22

Diisopropyl ether

Concen: 0.552 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

Tgt Ion: 45 Resp: 6162

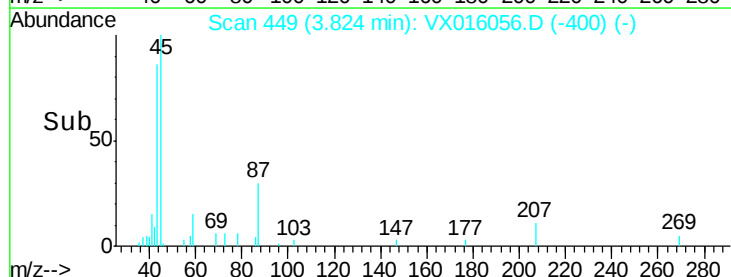
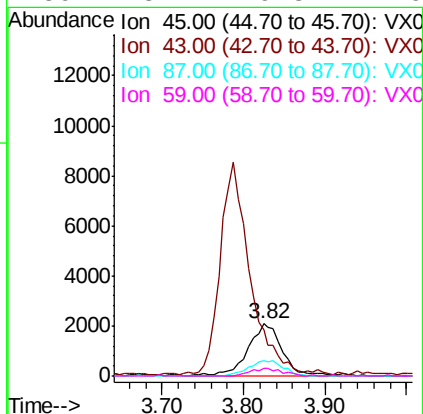
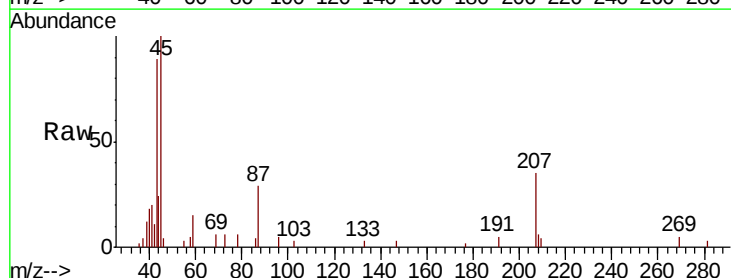
Ion Ratio Lower Upper

45 100

43 82.4 61.1 91.7

87 29.3 23.0 34.6

59 15.1 9.8 14.6#





#23

Vinyl Acetate

Concen: 2.189 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

Instrument :

MSVOA_X

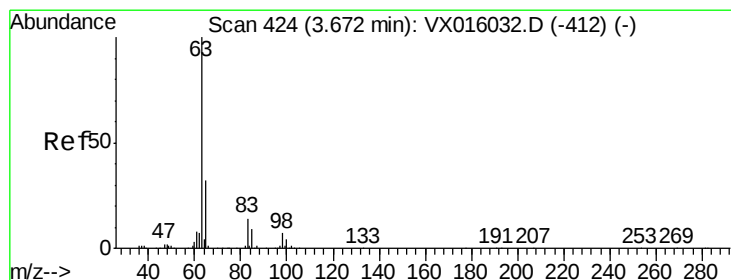
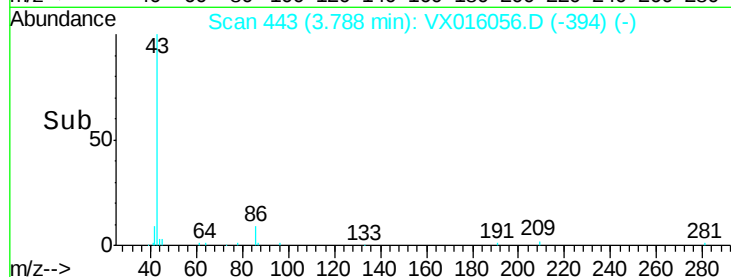
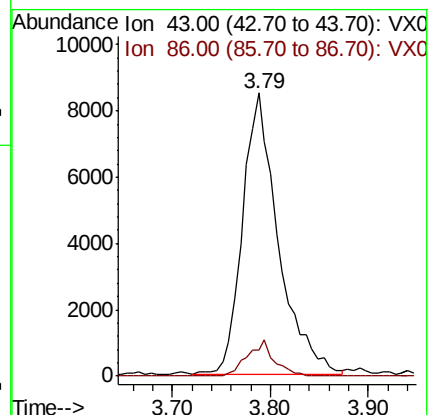
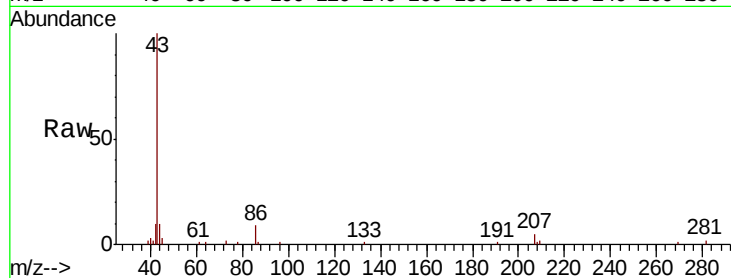
ClientSampleId :

Tot Ion: 43 Resp: 21489

Ion Ratio Lower Upper

43 100

86 9.3 9.0 13.4



#24

1,1-Dichloroethane

Concen: 0.536 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

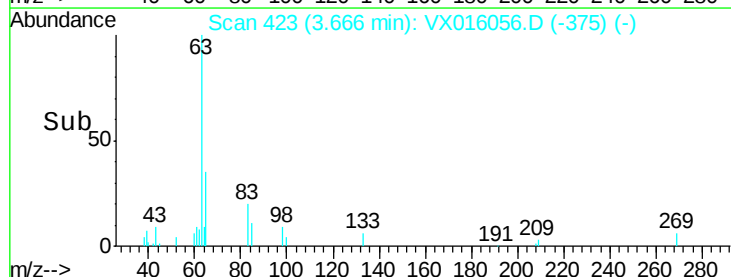
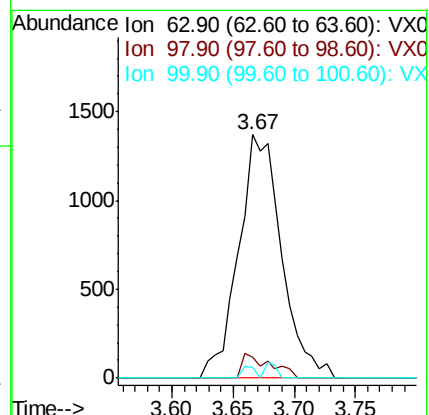
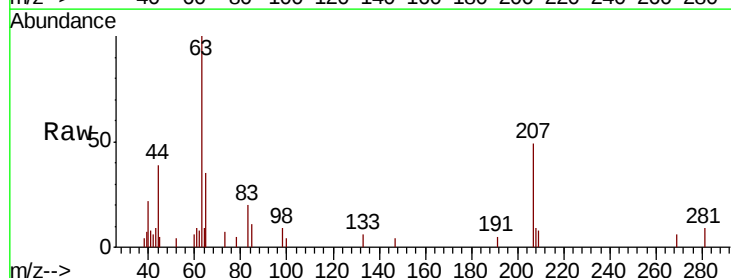
Tgt Ion: 63 Resp: 3345

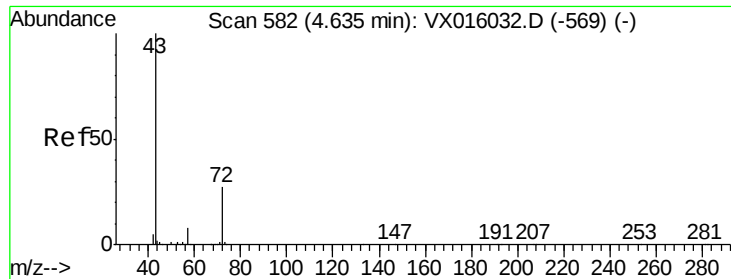
Ion Ratio Lower Upper

63 100

98 8.5 3.5 10.5

100 4.2 2.1 6.5





#25

2-Butanone

Concen: 2.585 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

Instrument :

MSVOA_X

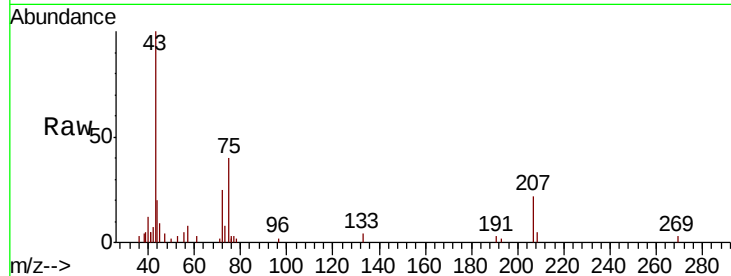
ClientSampled :

Tot Ion: 43 Resp: 7589

Ion Ratio Lower Upper

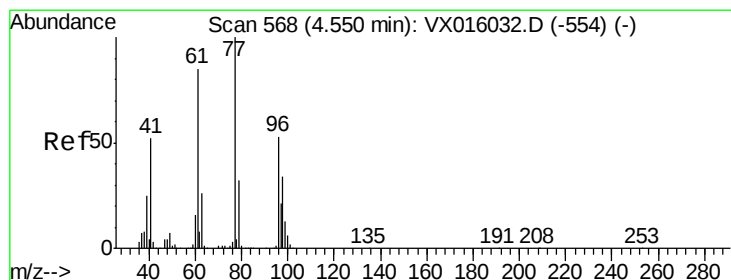
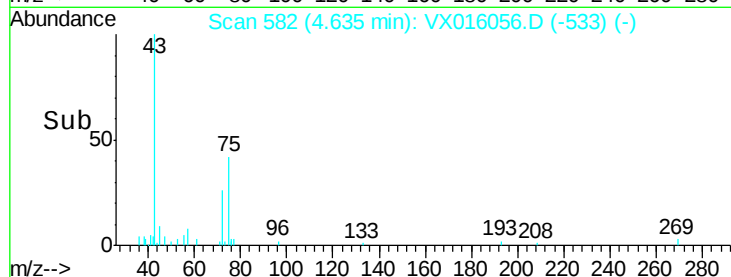
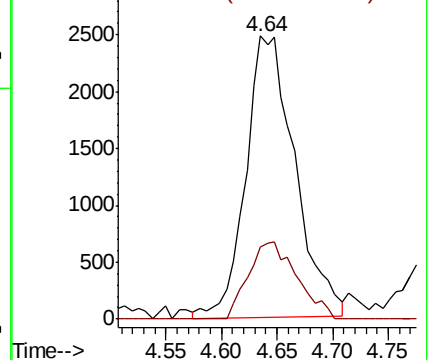
43 100

72 26.0 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 0.545 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016056.D

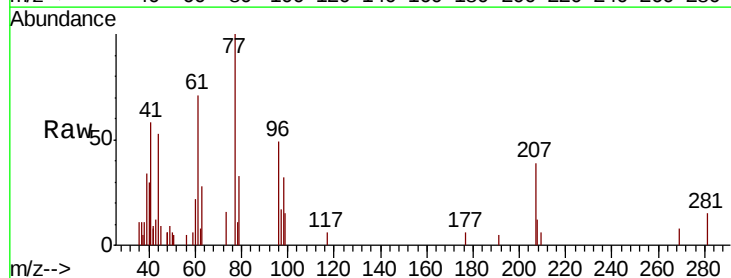
Acq: 05 May 2020 12:18

Tgt Ion: 77 Resp: 3108

Ion Ratio Lower Upper

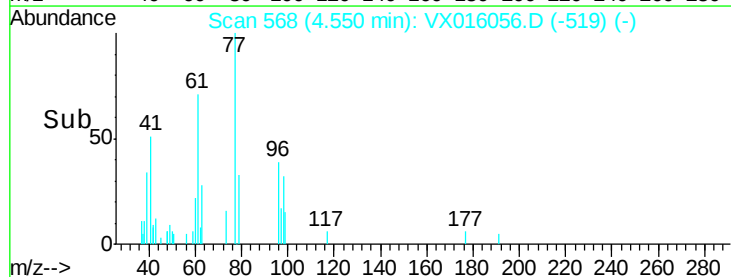
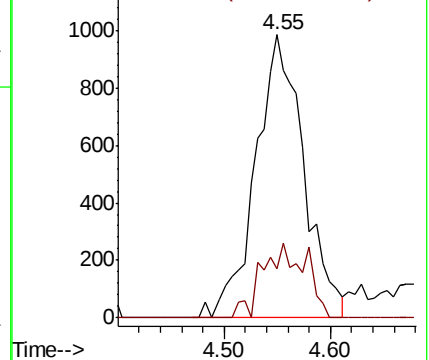
77 100

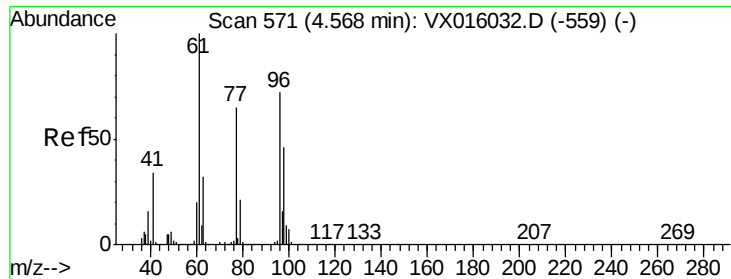
97 23.7 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



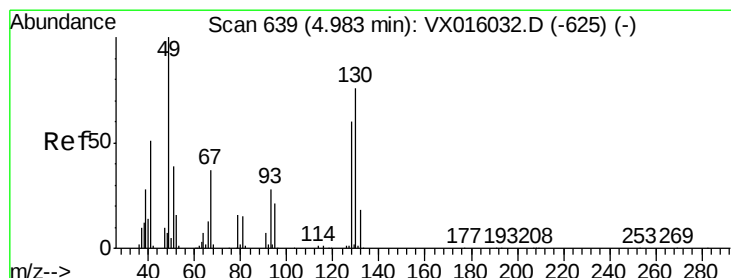
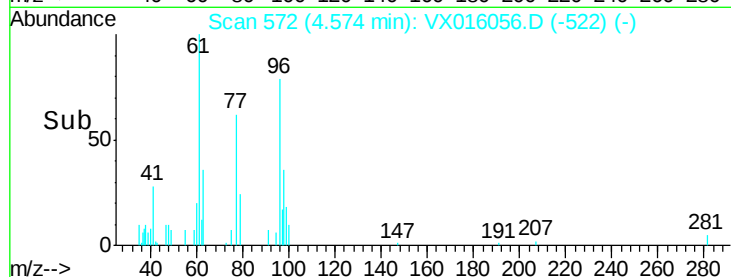
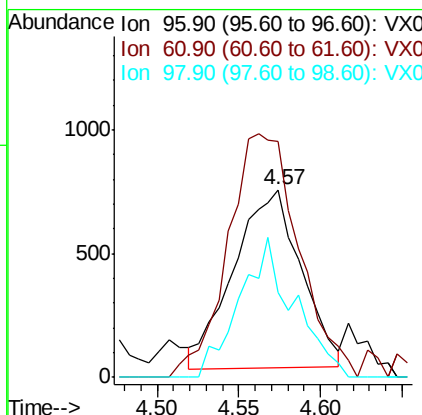
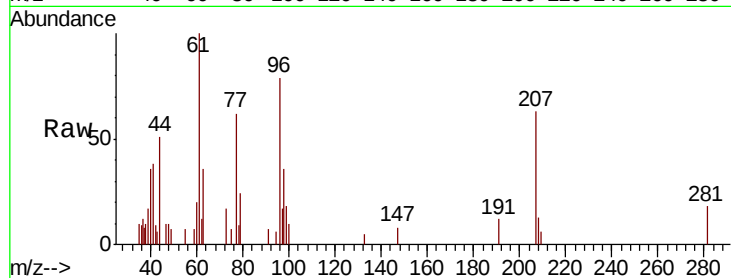


#27

cis-1,2-Dichloroethene
Concen: 0.528 ug/l
RT: 4.57 min Scan# 572
Delta R.T. 0.01 min
Lab File: VX016056.D
Acq: 05 May 2020 12:18

Instrument :
MSVOA_X
ClientSampled :

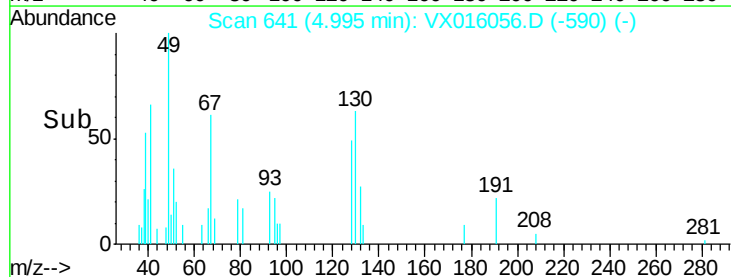
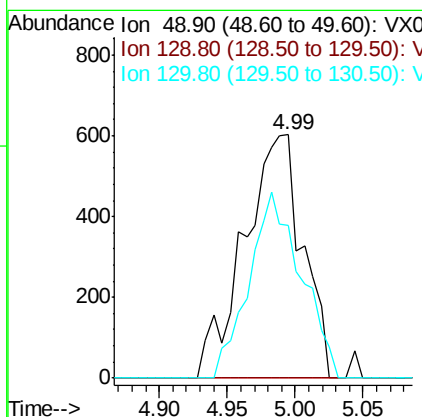
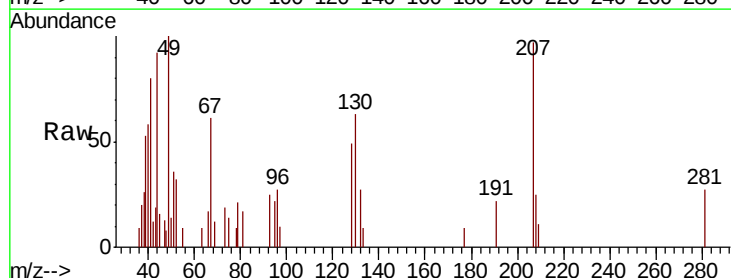
Tot Ion: 96 Resp: 2077
Ion Ratio Lower Upper
96 100
61 143.3 0.0 296.2
98 63.0 0.0 129.4

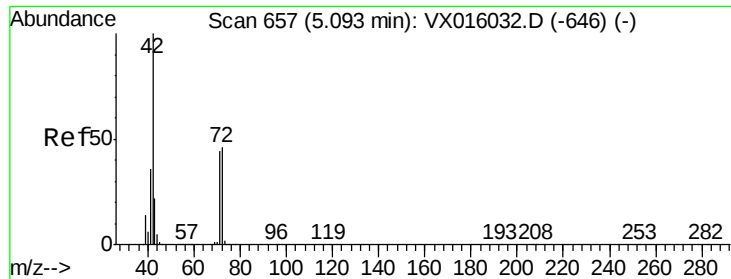


#28

Bromochloromethane
Concen: 0.638 ug/l
RT: 4.99 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX016056.D
Acq: 05 May 2020 12:18

Tgt Ion: 49 Resp: 1816
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 67.9 62.4 93.6





#29

Tetrahydrofuran

Concen: 2.420 ug/l

RT: 5.10 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

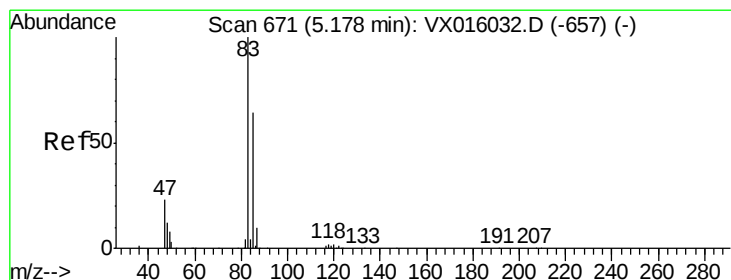
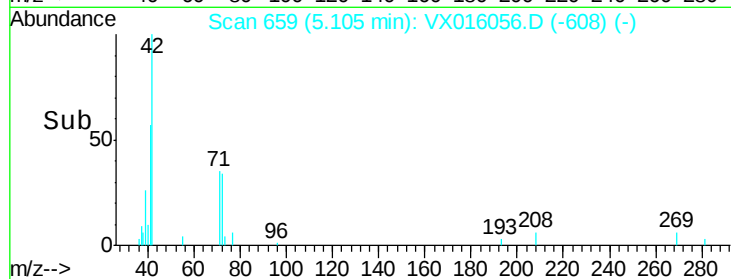
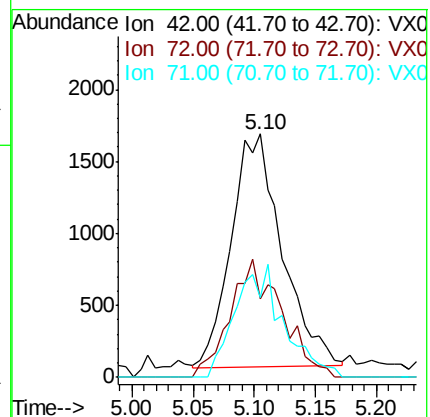
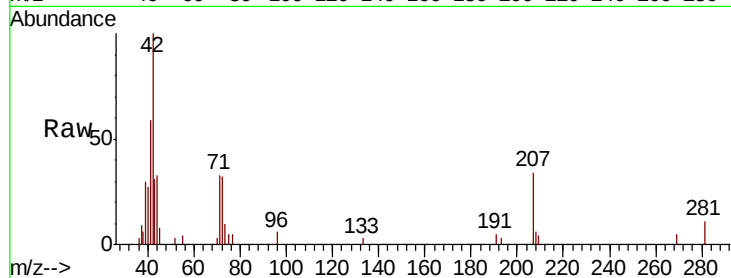
Tot Ion: 42 Resp: 4708

Ion Ratio Lower Upper

42 100

72 50.6 37.1 55.7

71 45.2 34.5 51.7



#30

Chloroform

Concen: 0.534 ug/l

RT: 5.19 min Scan# 673

Delta R.T. 0.01 min

Lab File: VX016056.D

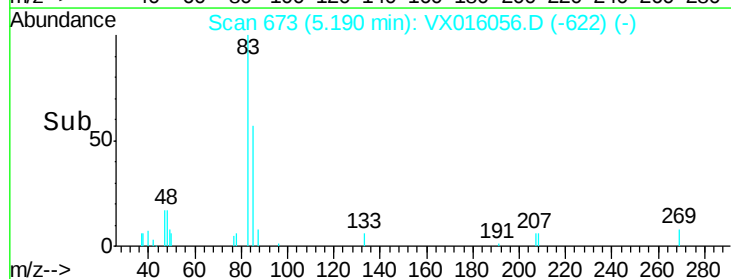
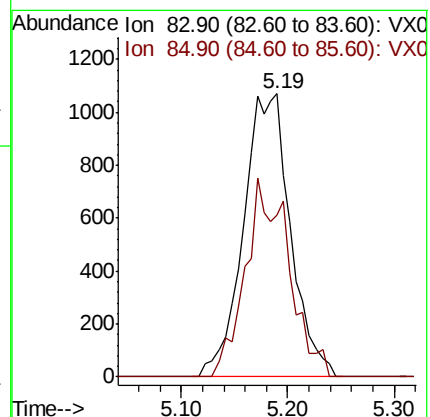
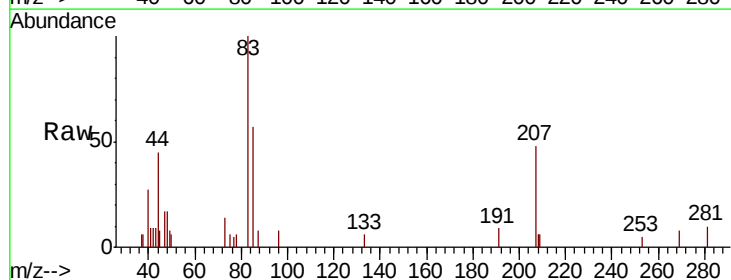
Acq: 05 May 2020 12:18

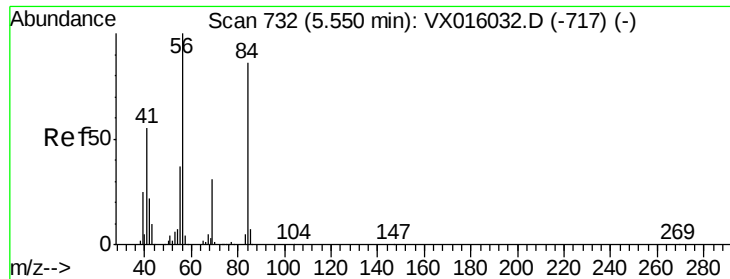
Tgt Ion: 83 Resp: 3317

Ion Ratio Lower Upper

83 100

85 57.1 51.6 77.4





#31

Cyclohexane

Concen: 0.527 ug/l

RT: 5.54 min Scan# 731

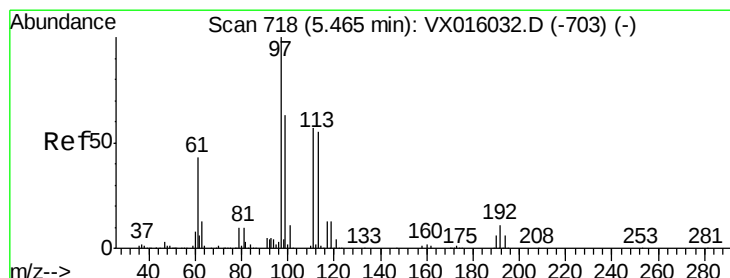
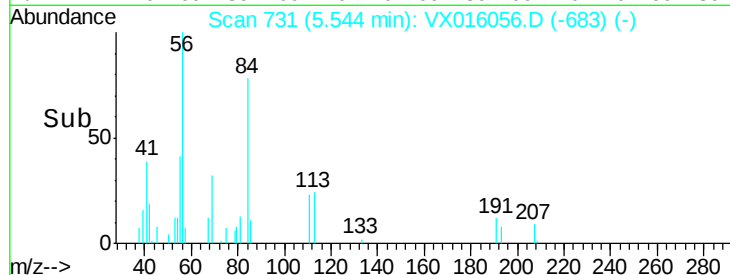
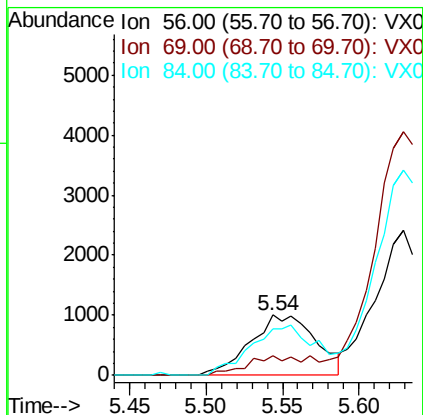
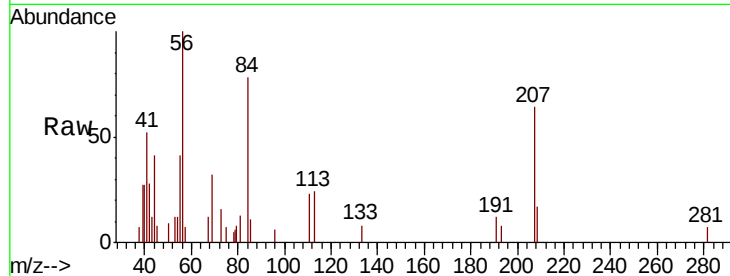
Delta R.T. -0.01 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	56	Resp:	2988
Ion	Ratio	Lower	Upper
56	100		
69	31.9	25.0	37.6
84	78.2	69.0	103.6



#32

1,1,1-Trichloroethane

Concen: 0.535 ug/l

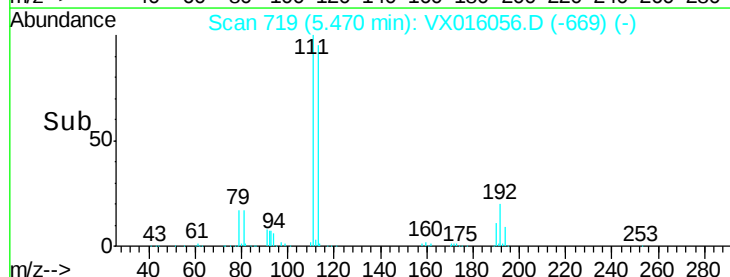
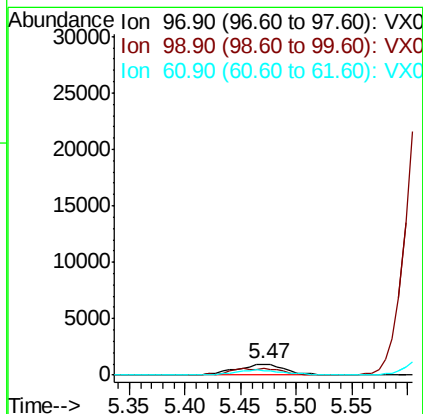
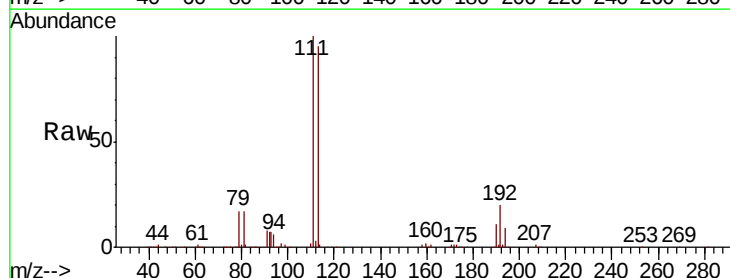
RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

Tgt Ion:	97	Resp:	3021
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.0	76.4#
61	45.6	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 46.668 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

Instrument :

MSVOA_X

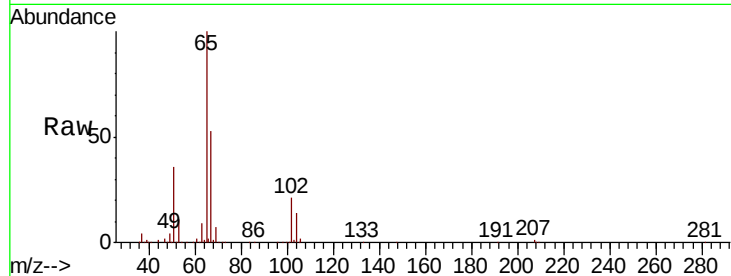
ClientSampleId :

Tot Ion: 65 Resp: 190578

Ion Ratio Lower Upper

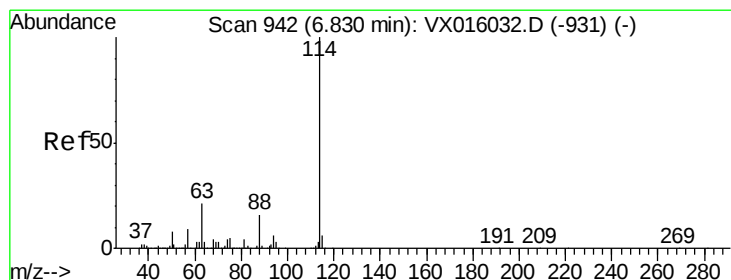
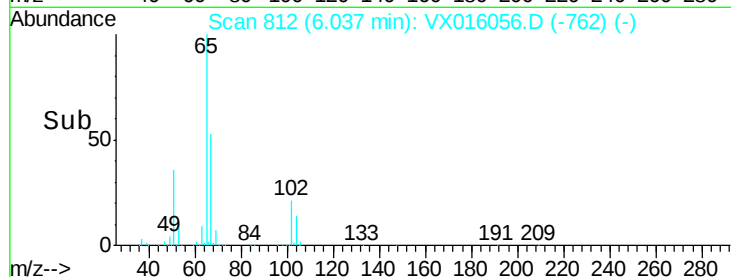
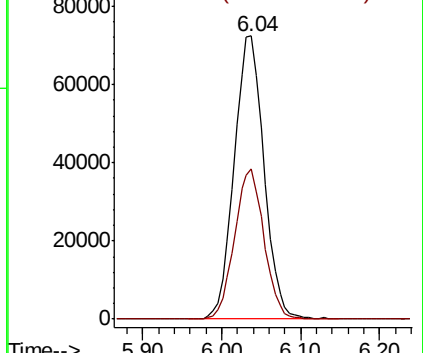
65 100

67 52.2 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

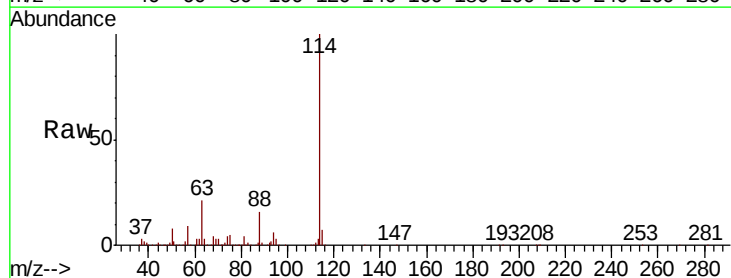
Tgt Ion: 114 Resp: 498086

Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.8

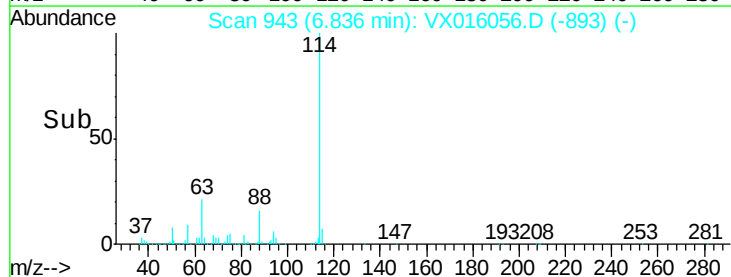
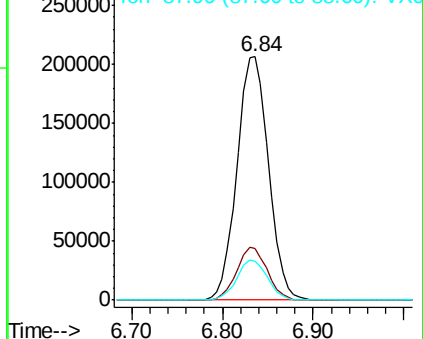
88 16.1 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 44.829 ug/l

RT: 5.47 min Scan# 719

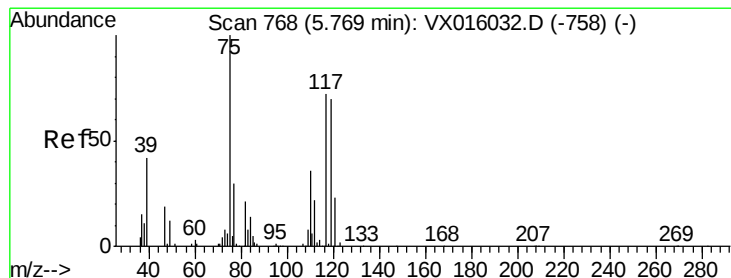
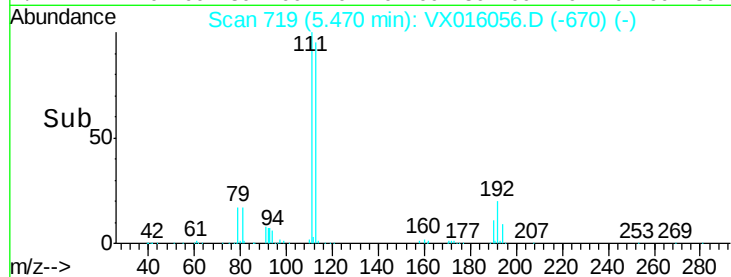
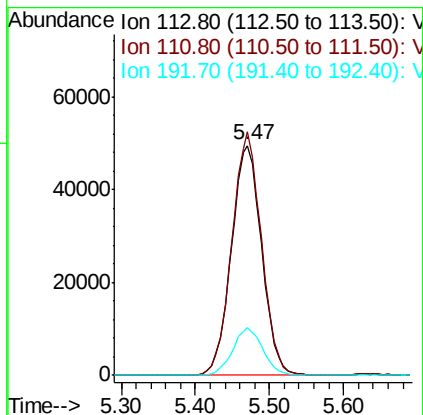
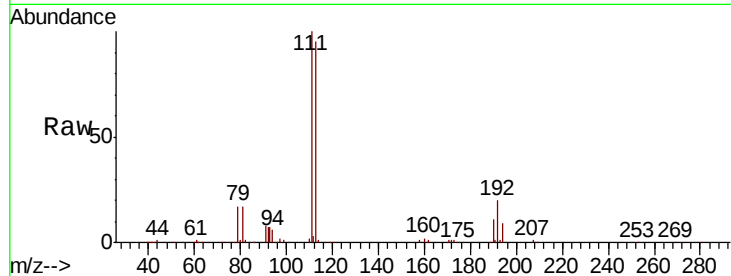
Delta R.T. -0.00 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:113	Resp:	141463
Ion Ratio	Lower	Upper
113	100	
111	103.0	81.6 122.4
192	20.6	17.0 25.4



#36

1,1-Dichloropropene

Concen: 0.560 ug/l

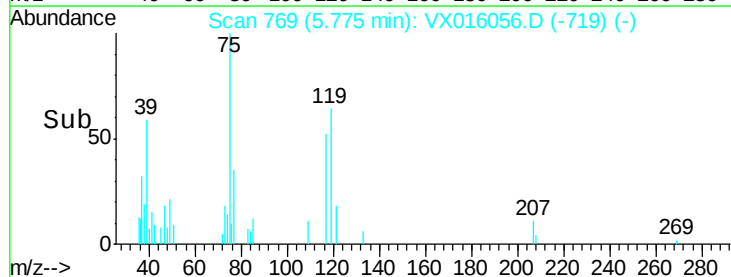
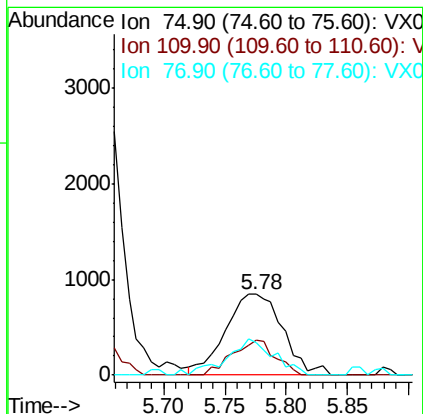
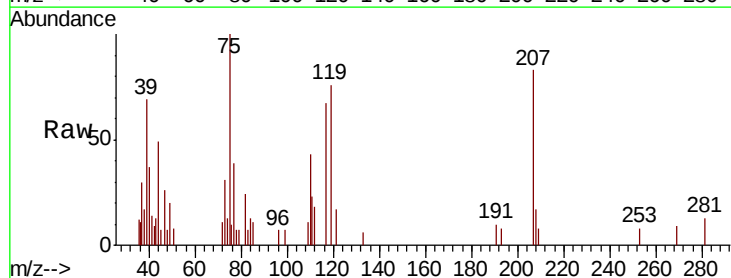
RT: 5.78 min Scan# 769

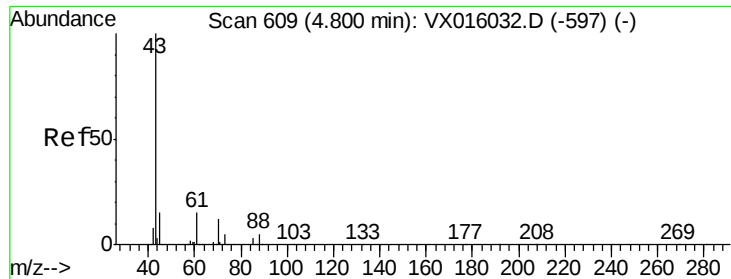
Delta R.T. 0.01 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

Tgt Ion: 75	Resp:	2747
Ion Ratio	Lower	Upper
75	100	
110	32.2	18.1 54.1
77	36.7	25.0 37.6

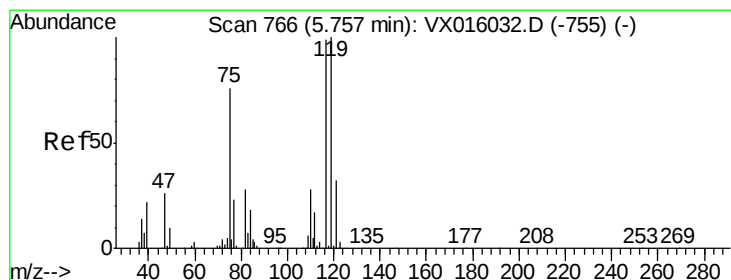
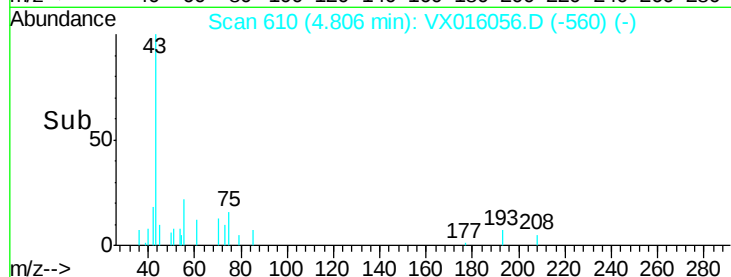
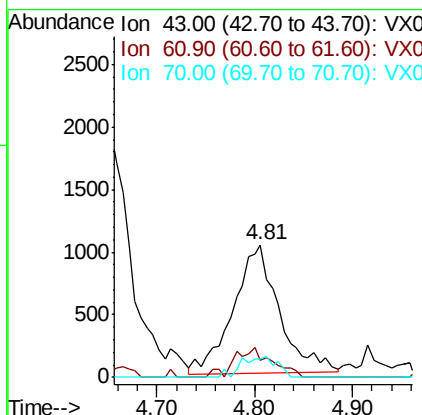
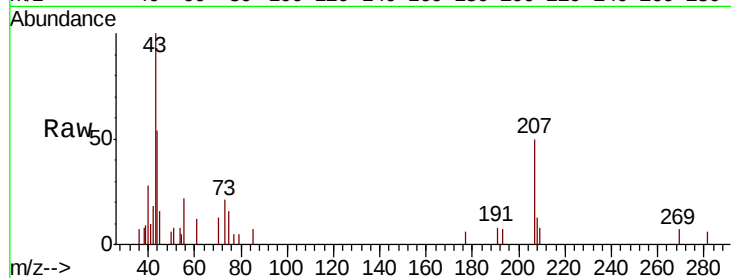




#37
Ethyl Acetate
Concen: 0.594 ug/l
RT: 4.81 min Scan# 610
Delta R.T. 0.01 min
Lab File: VX016056.D
Acq: 05 May 2020 12:18

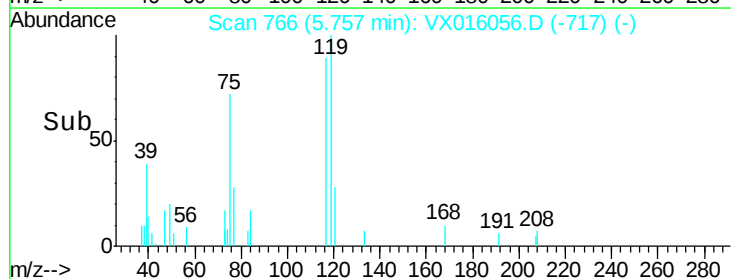
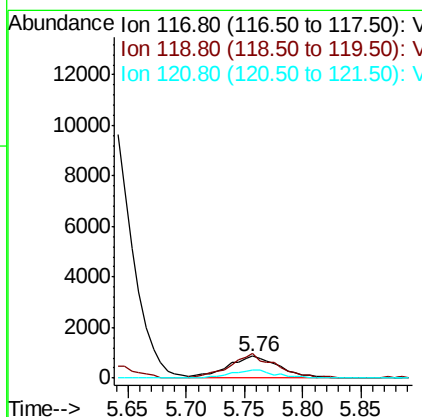
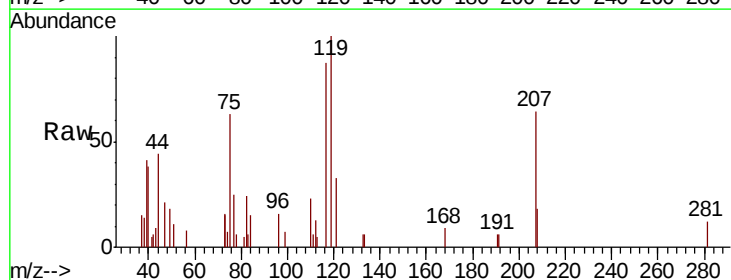
Instrument :
MSVOA_X
ClientSampled :

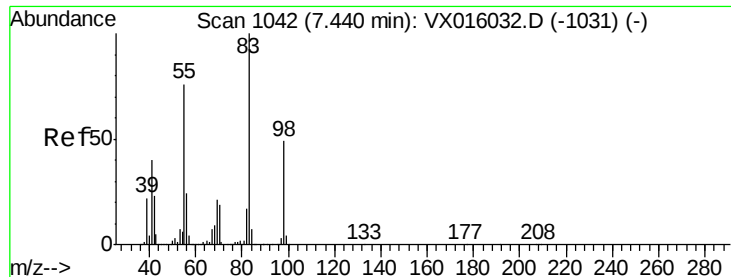
Tot Ion: 43 Resp: 3375
Ion Ratio Lower Upper
43 100
61 19.0 11.7 17.5#
70 12.2 9.3 13.9



#38
Carbon Tetrachloride
Concen: 0.535 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016056.D
Acq: 05 May 2020 12:18

Tgt Ion: 117 Resp: 2664
Ion Ratio Lower Upper
117 100
119 115.2 80.3 120.5
121 37.6 25.7 38.5

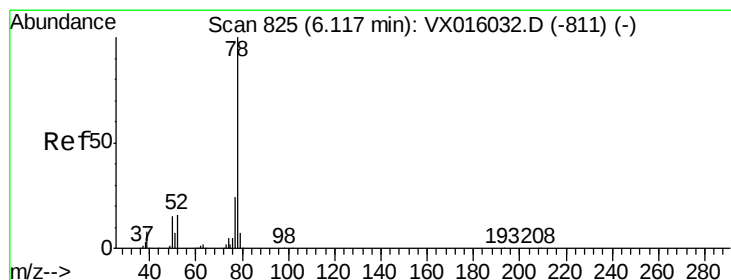
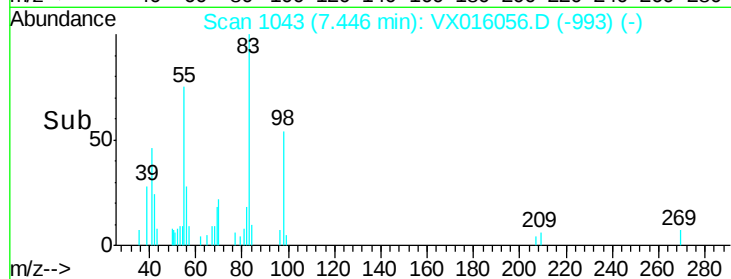
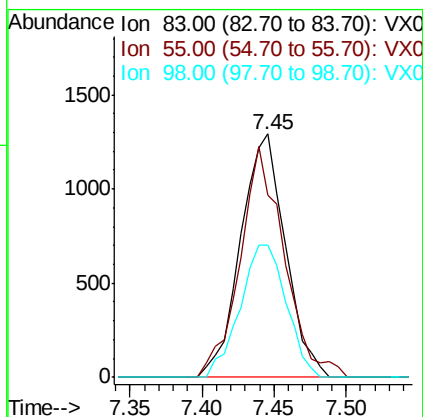
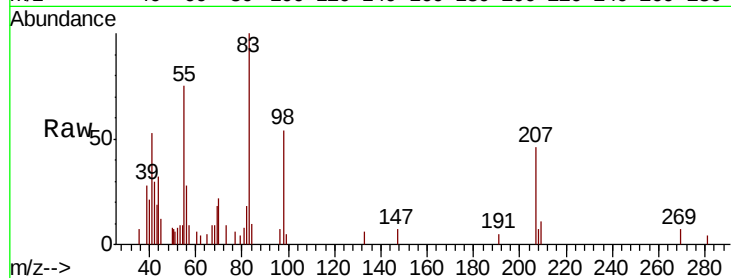




#39
Methvlcvclohexane
Concen: 0.470 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX016056.D
Acq: 05 May 2020 12:18

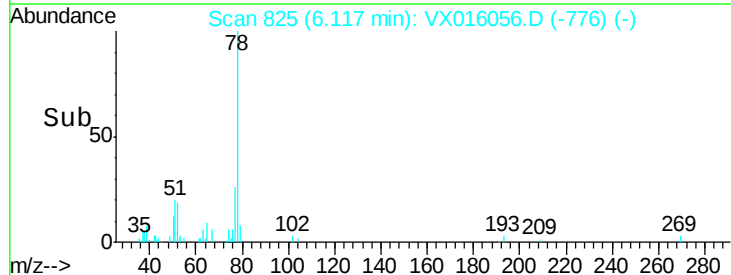
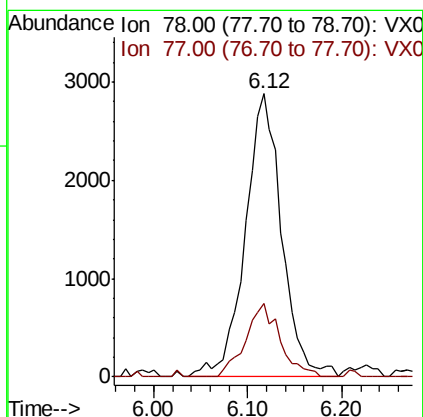
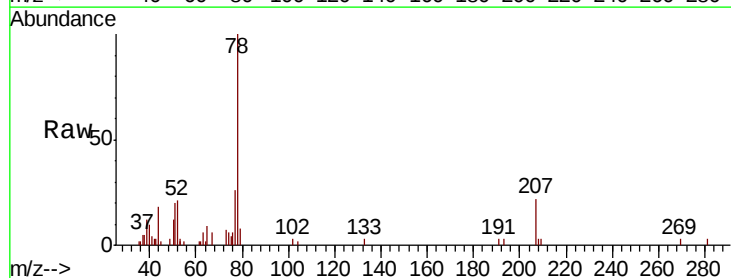
Instrument :
MSVOA_X
ClientSampleId :

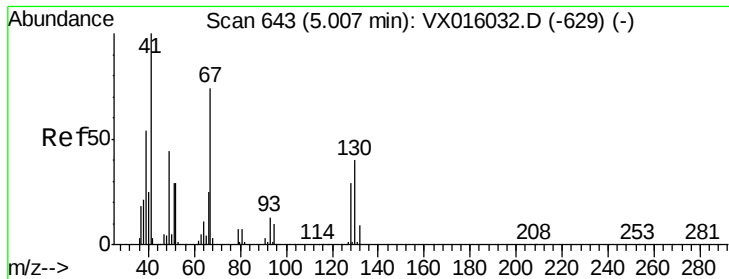
Tot Ion: 83 Resp: 2778
Ion Ratio Lower Upper
83 100
55 74.6 61.1 91.7
98 54.4 39.0 58.4



#40
Benzene
Concen: 0.543 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016056.D
Acq: 05 May 2020 12:18

Tgt Ion: 78 Resp: 7790
Ion Ratio Lower Upper
78 100
77 26.2 19.0 28.4

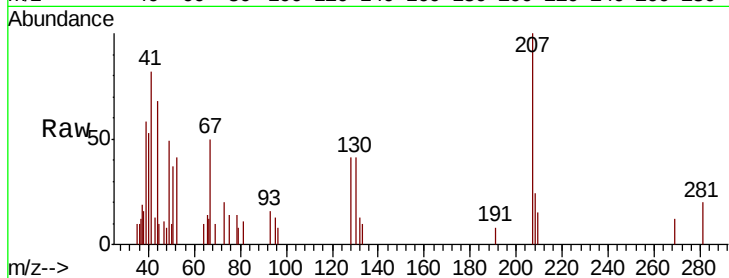




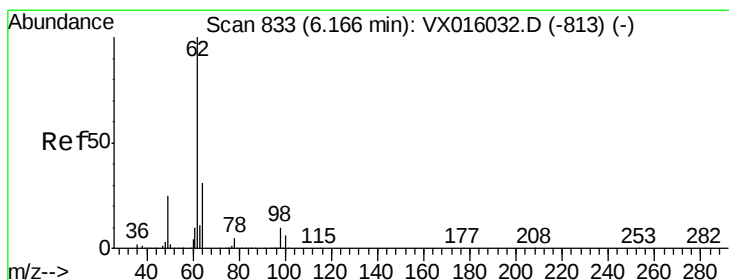
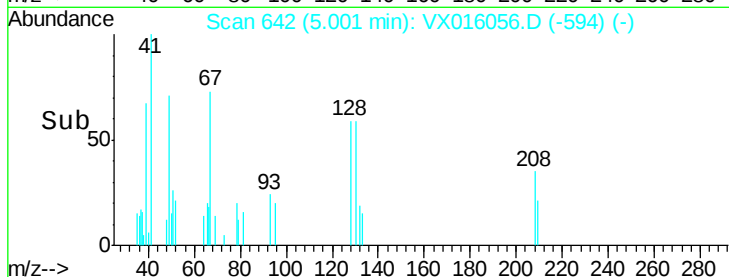
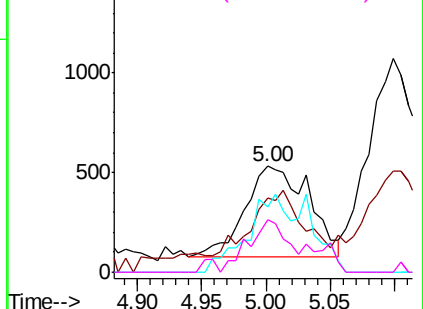
#41
Methacrylonitrile
Concen: 0.516 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016056.D
Acq: 05 May 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	1583
Ion	Ratio	Lower	Upper
41	100		
39	69.7	43.2	64.8#
67	54.5	59.3	88.9#
52	35.1	23.5	35.3

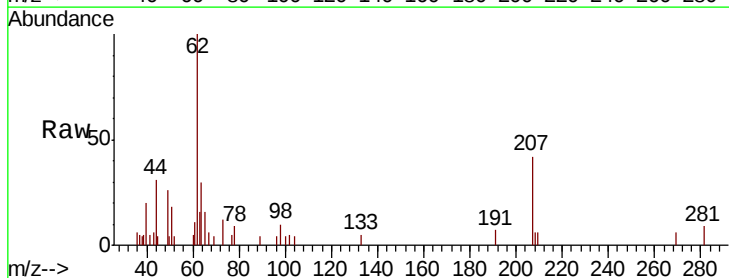


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

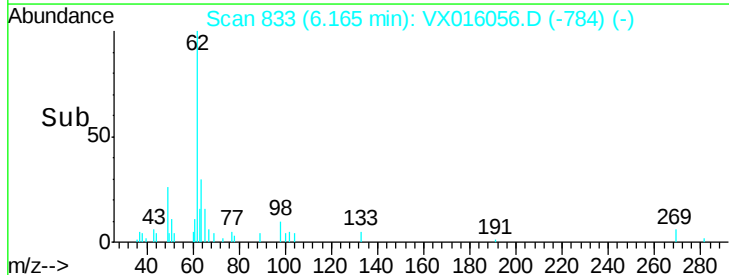
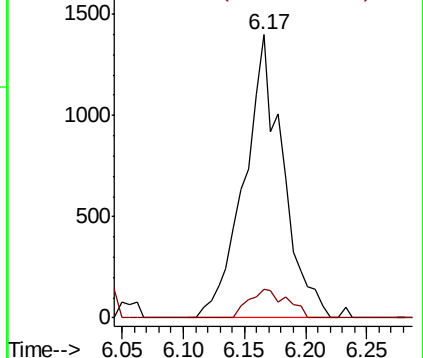


#42
1,2-Dichloroethane
Concen: 0.594 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016056.D
Acq: 05 May 2020 12:18

Tgt Ion:	62	Resp:	3068
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 0.504 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

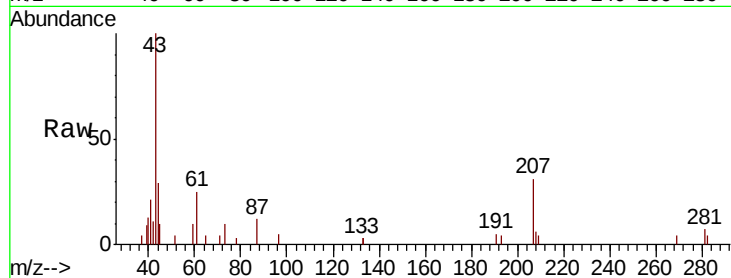
Tot Ion: 43 Resp: 4570

Ion Ratio Lower Upper

43 100

61 21.8 17.0 25.4

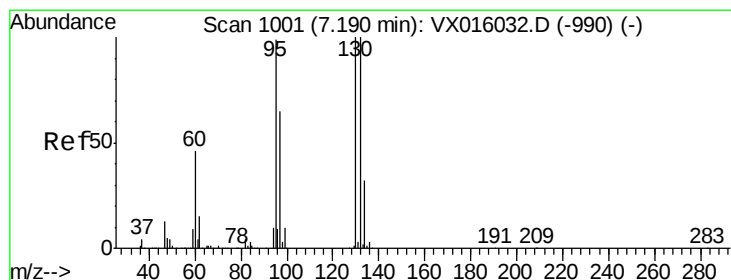
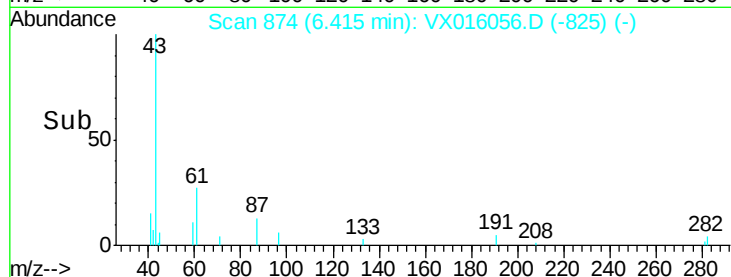
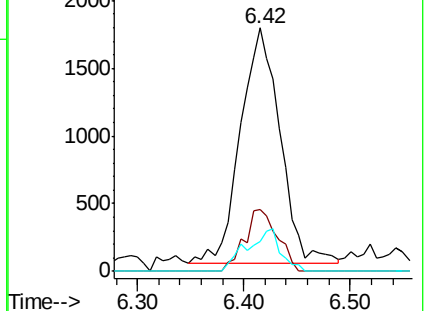
87 15.3 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 0.544 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016056.D

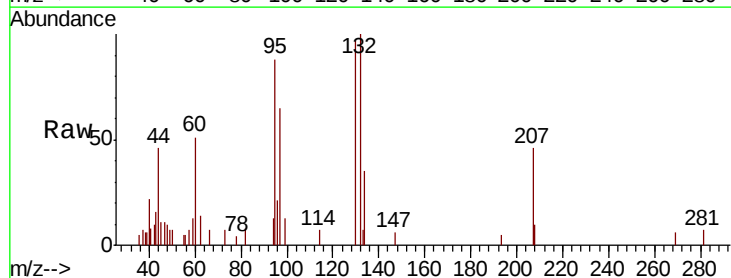
Acq: 05 May 2020 12:18

Tgt Ion: 130 Resp: 2771

Ion Ratio Lower Upper

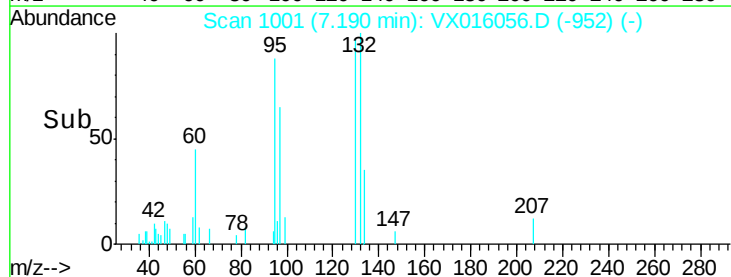
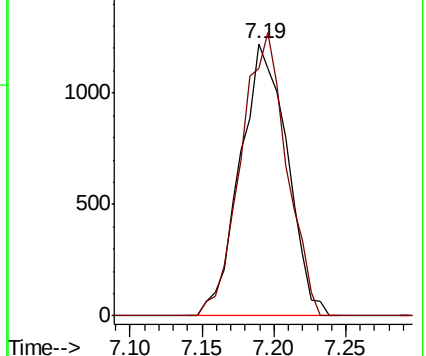
130 100

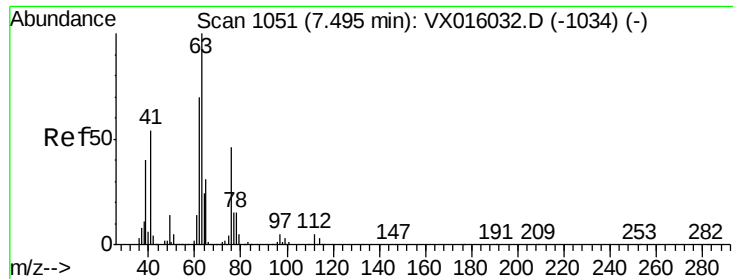
95 90.8 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 0.544 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

Instrument :

MSVOA_X

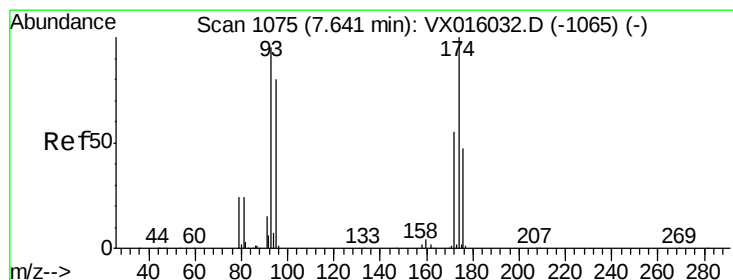
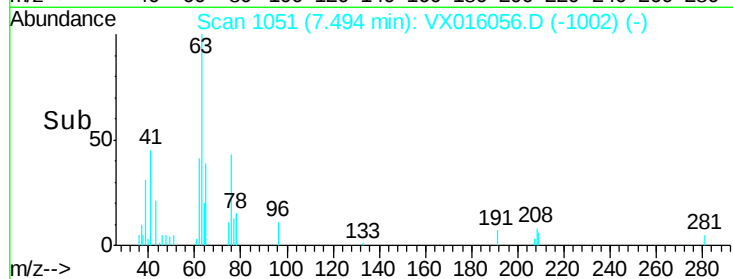
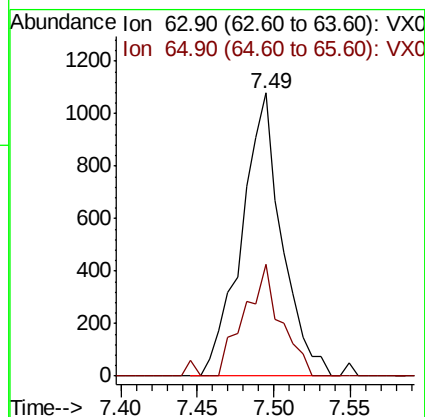
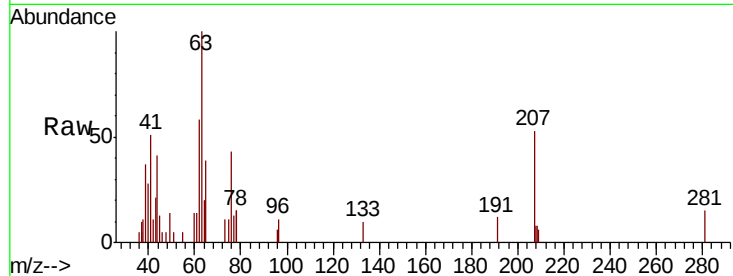
ClientSampled :

Tot Ion: 63 Resp: 1974

Ion Ratio Lower Upper

63 100

65 39.4 24.4 36.6#



#46

Dibromomethane

Concen: 0.540 ug/l

RT: 7.65 min Scan# 1076

Delta R.T. 0.01 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

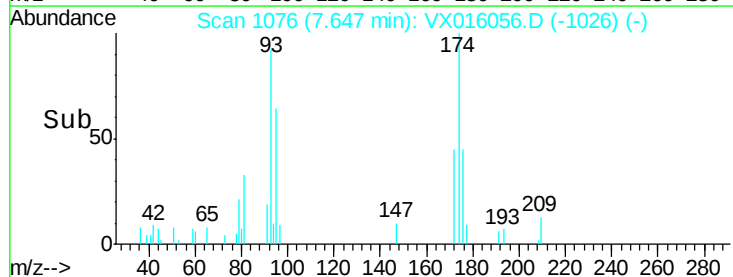
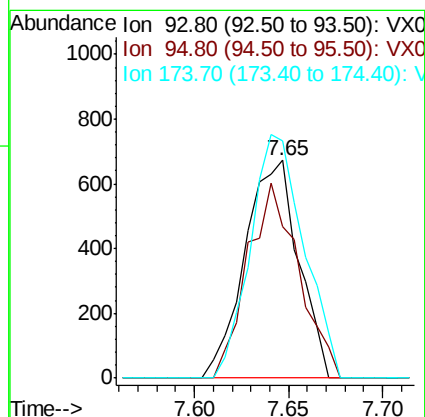
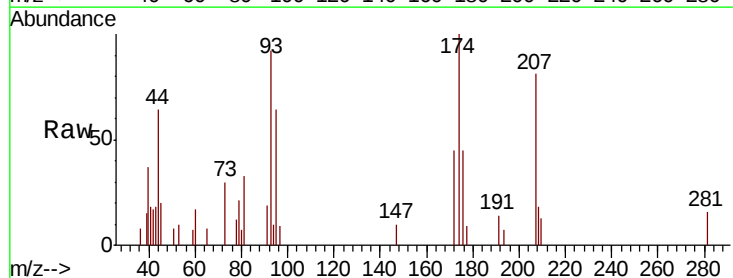
Tgt Ion: 93 Resp: 1331

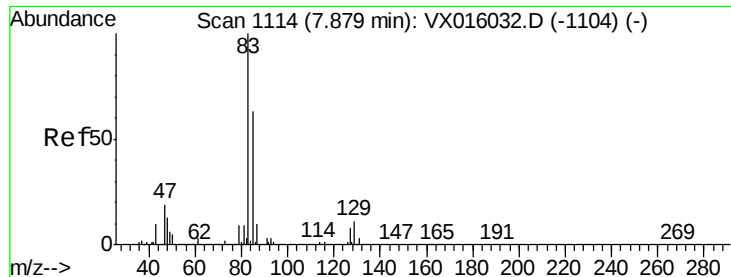
Ion Ratio Lower Upper

93 100

95 84.8 66.6 100.0

174 111.3 84.2 126.4





#47

Bromodichloromethane

Concen: 0.482 ug/l

RT: 7.88 min Scan# 1115

Delta R.T. 0.01 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

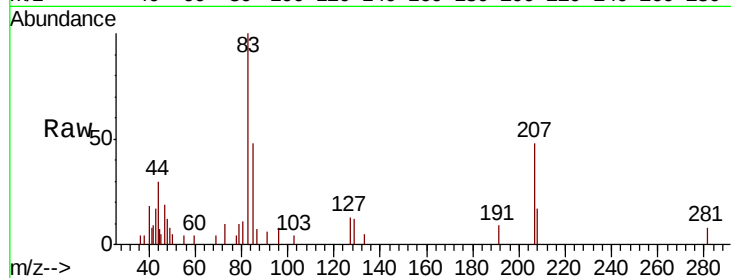
Tot Ion: 83 Resp: 2423

Ion Ratio Lower Upper

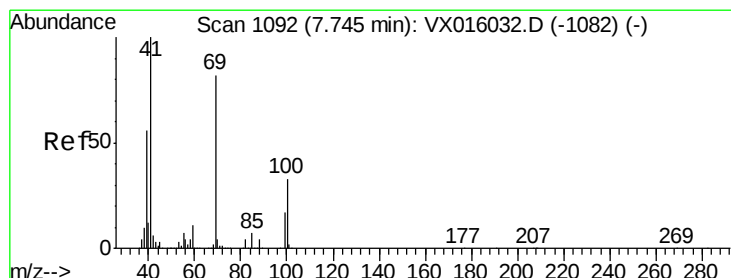
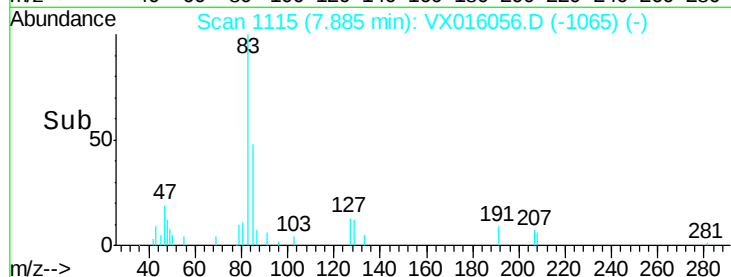
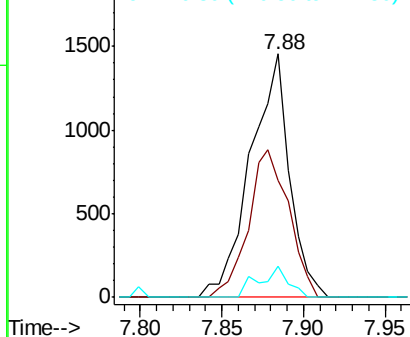
83 100

85 48.1 50.5 75.7#

127 12.8 6.7 10.1#



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 0.432 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

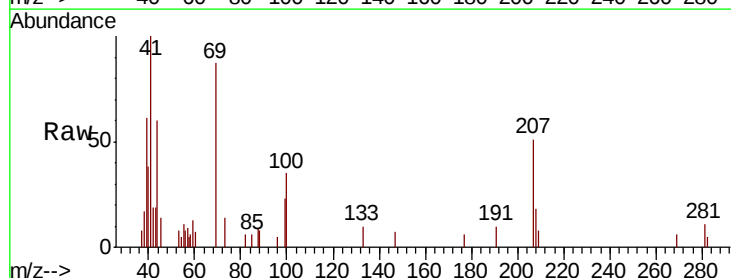
Tgt Ion: 41 Resp: 1856

Ion Ratio Lower Upper

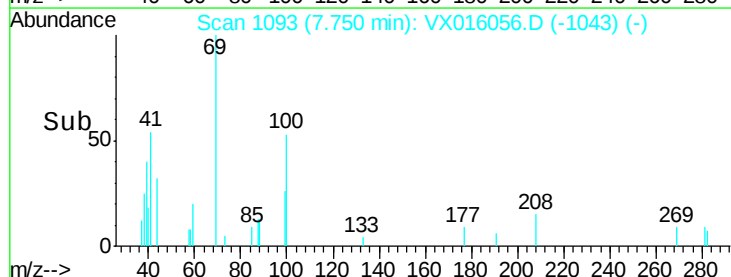
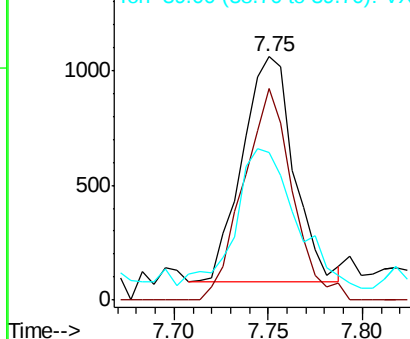
41 100

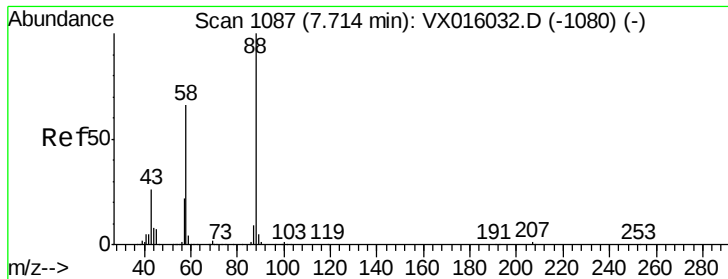
69 89.4 67.8 101.6

39 73.2 44.6 67.0#



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





#49

1,4-Dioxane

Concen: 10.190 ug/l

RT: 7.72 min Scan# 1088

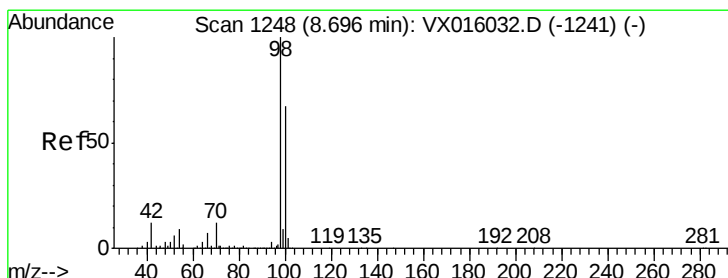
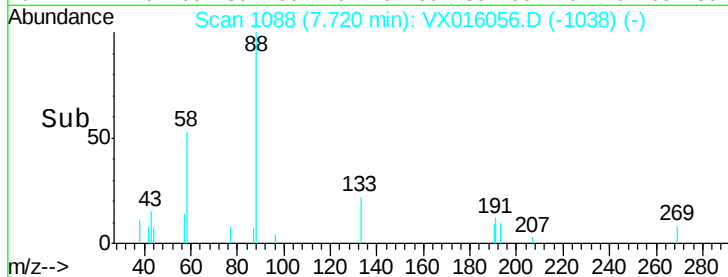
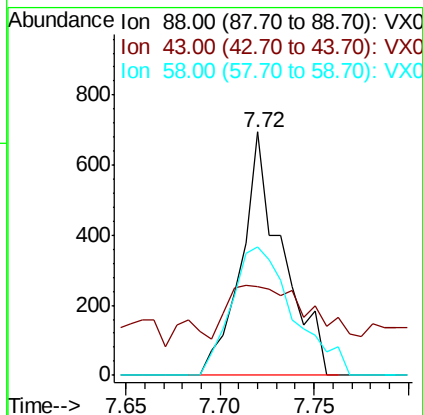
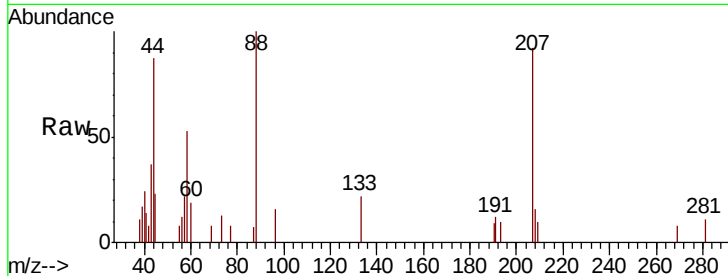
Delta R.T. 0.01 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	88	Resp:	1050
Ion	Ratio	Lower	Upper
88	100		
43	43.7	25.3	37.9#
58	79.9	55.9	83.9



#50

Toluene-d8

Concen: 46.170 ug/l

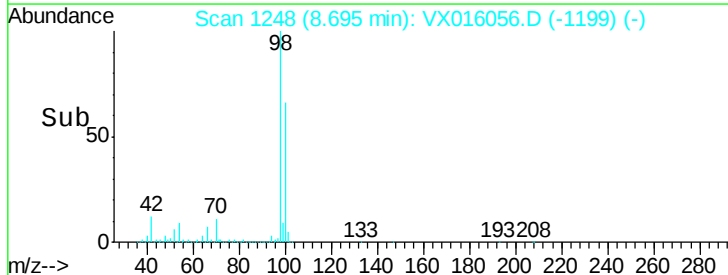
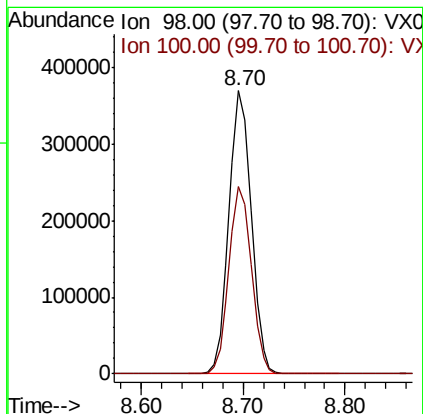
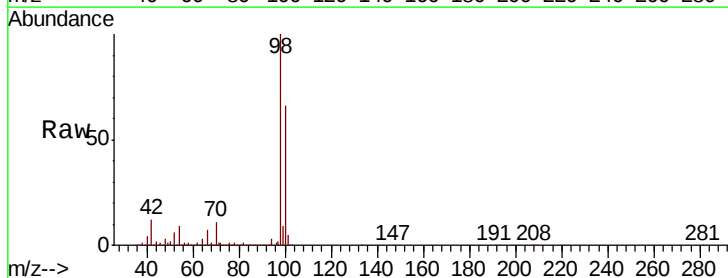
RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

Tgt Ion:	98	Resp:	561364
Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.7	80.5





#51

4-Methyl-2-Pentanone

Concen: 2.269 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

Instrument :

MSVOA_X

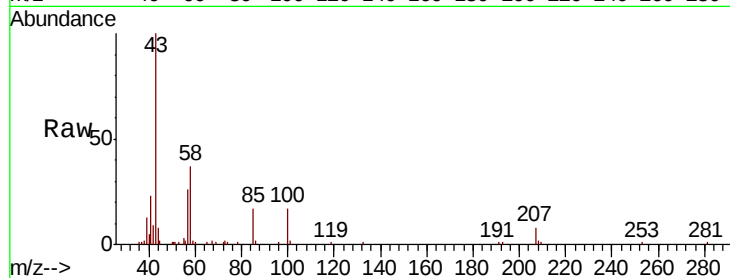
ClientSampleId :

Tot Ion: 43 Resp: 12592

Ion Ratio Lower Upper

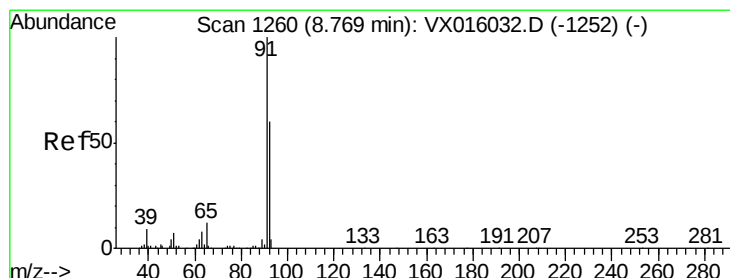
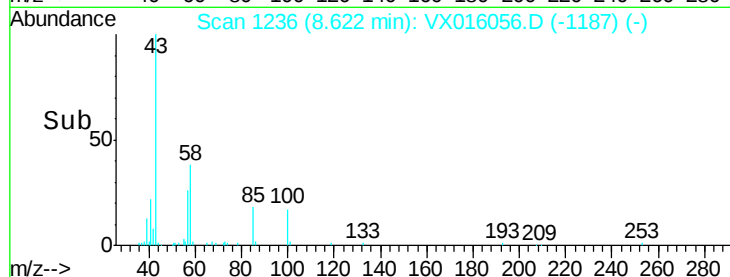
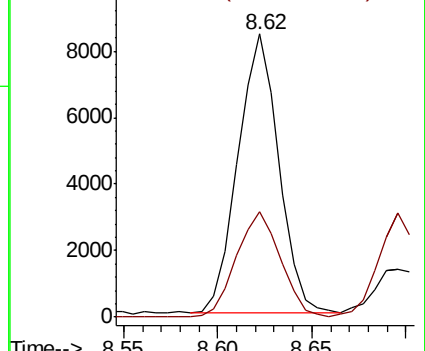
43 100

58 40.9 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 0.489 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016056.D

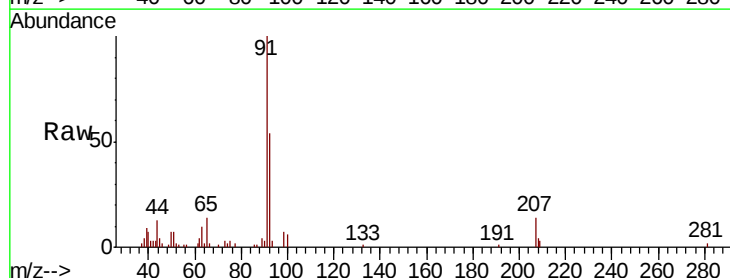
Acq: 05 May 2020 12:18

Tgt Ion: 92 Resp: 4369

Ion Ratio Lower Upper

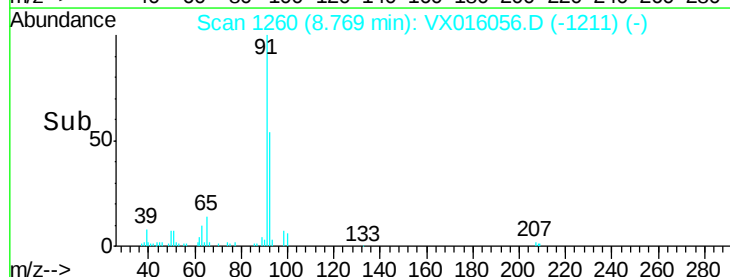
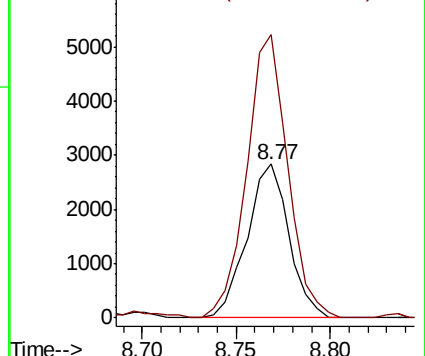
92 100

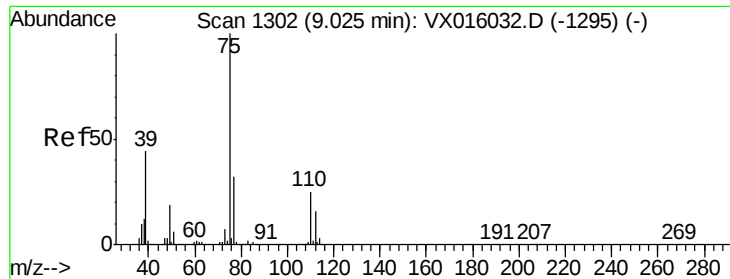
91 179.6 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

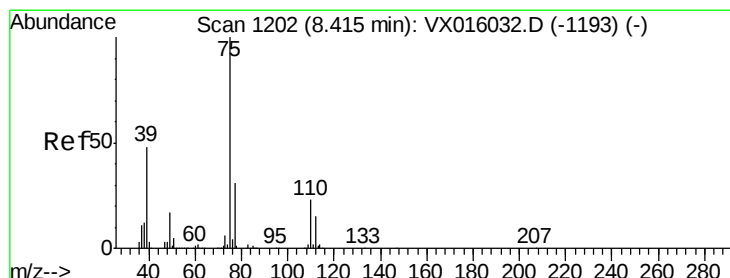
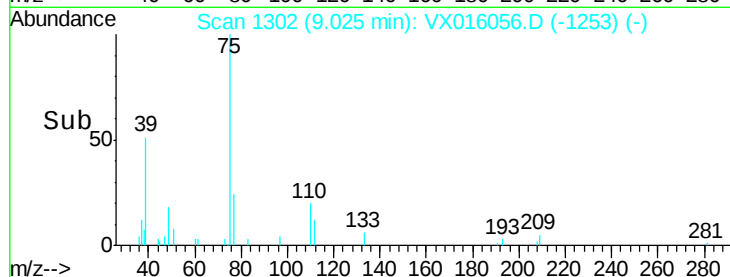
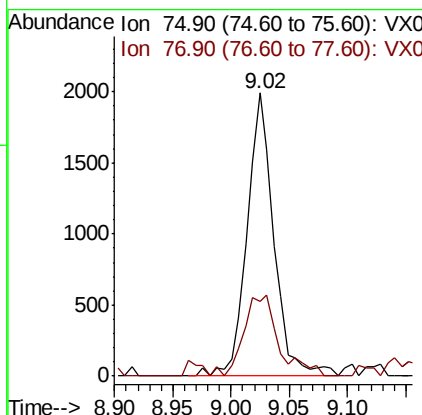
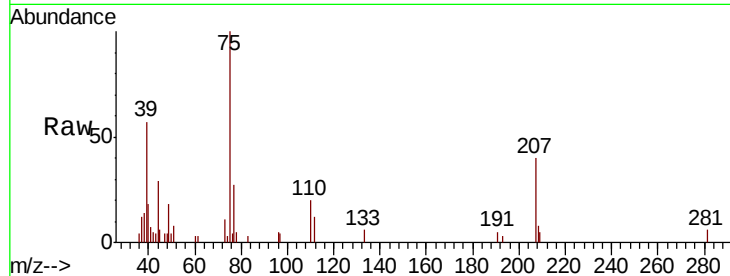




#53
t-1,3-Dichloropropene
Concen: 0.535 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016056.D
Acq: 05 May 2020 12:18

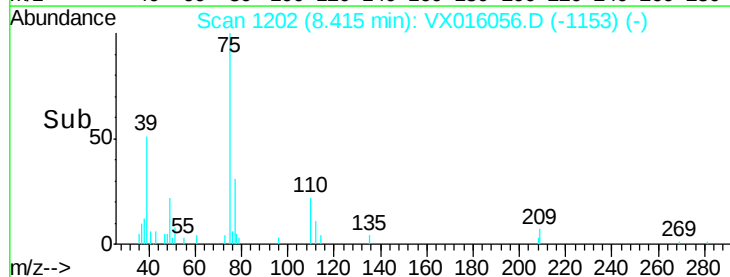
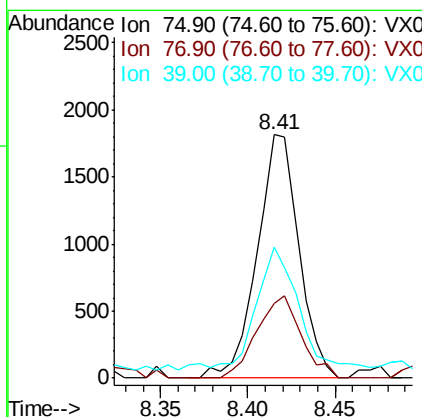
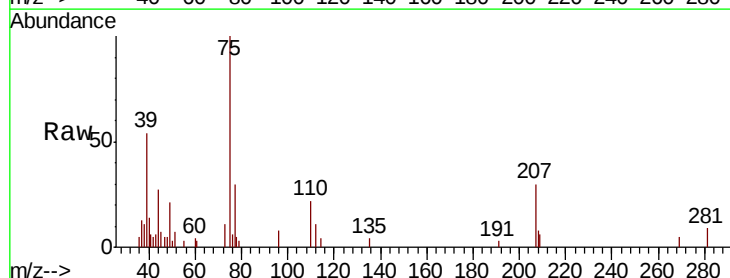
Instrument :
MSVOA_X
ClientSampled :

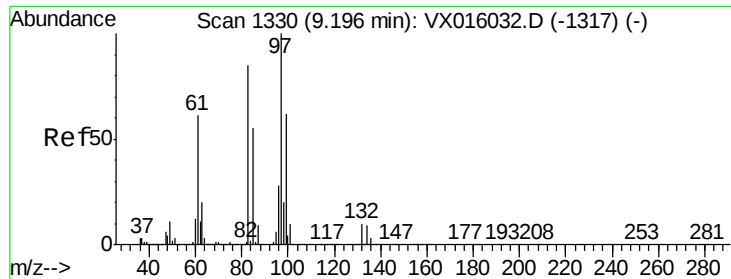
Tot Ion: 75 Resp: 3207
Ion Ratio Lower Upper
75 100
77 26.6 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 0.483 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016056.D
Acq: 05 May 2020 12:18

Tgt Ion: 75 Resp: 3023
Ion Ratio Lower Upper
75 100
77 30.5 24.7 37.1
39 48.4 38.7 58.1





#55

1,1,2-Trichloroethane

Concen: 0.498 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 97 Resp: 1752

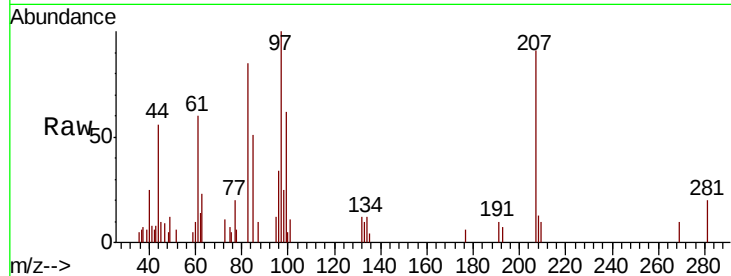
Ion Ratio Lower Upper

97 100

83 85.5 67.8 101.8

85 51.0 43.8 65.8

99 62.1 49.4 74.0

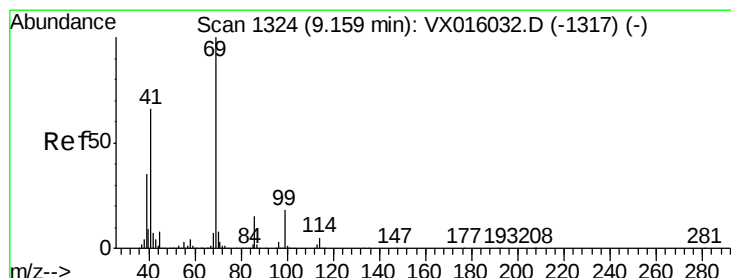
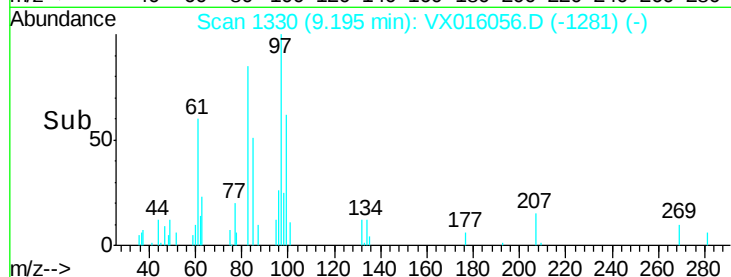
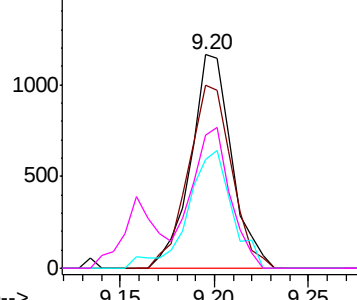


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 0.440 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

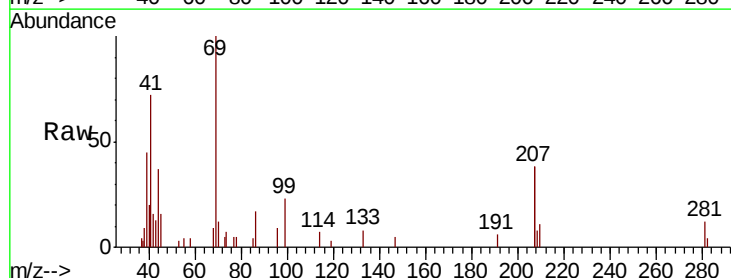
Tgt Ion: 69 Resp: 2526

Ion Ratio Lower Upper

69 100

41 78.9 52.2 78.4#

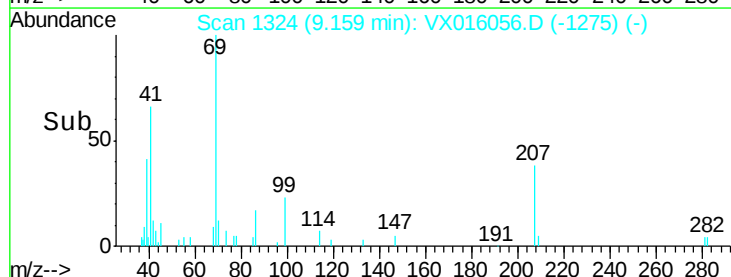
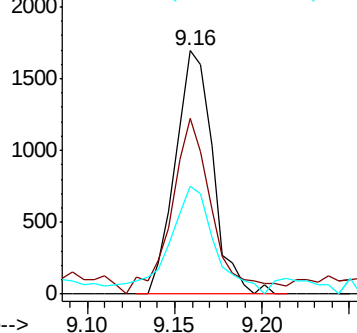
39 53.7 28.2 42.4#

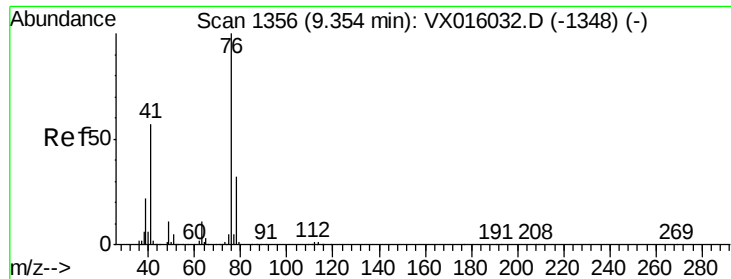


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 0.523 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

Instrument :

MSVOA_X

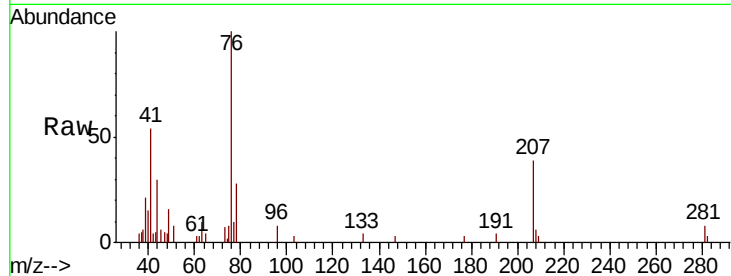
ClientSampleId :

Tot Ion: 76 Resp: 3211

Ion Ratio Lower Upper

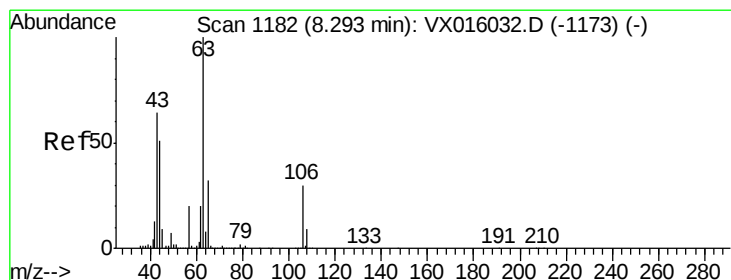
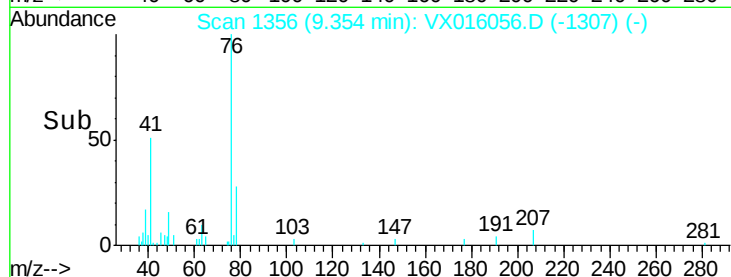
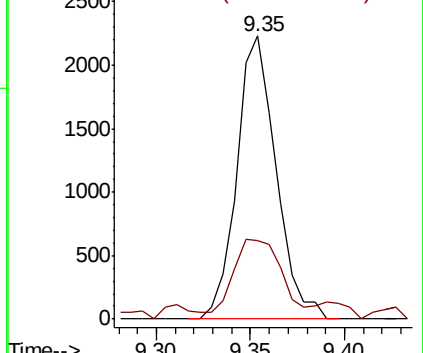
76 100

78 30.2 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 2.216 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016056.D

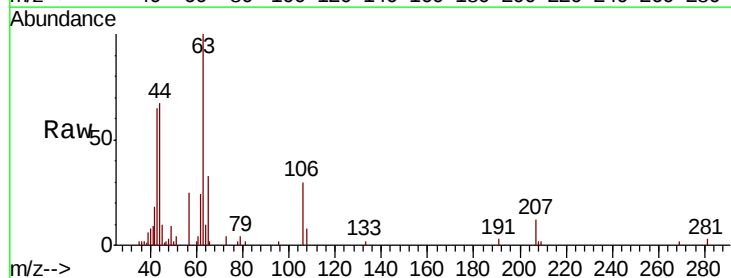
Acq: 05 May 2020 12:18

Tgt Ion: 63 Resp: 6774

Ion Ratio Lower Upper

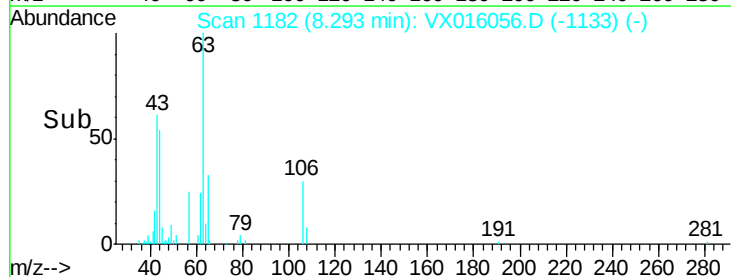
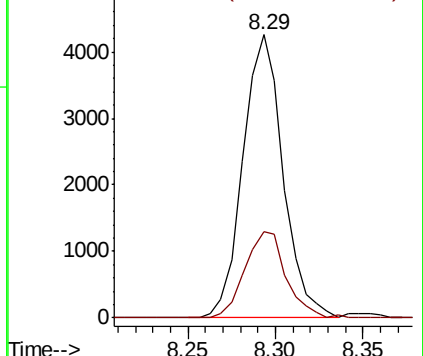
63 100

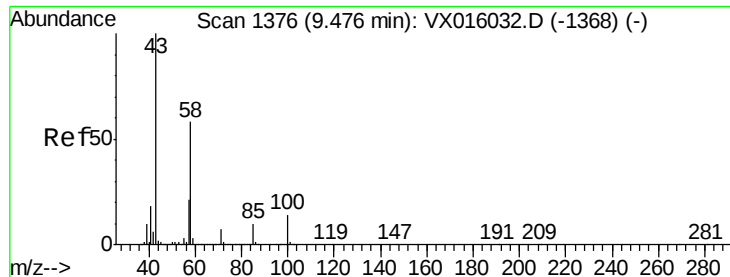
106 31.3 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

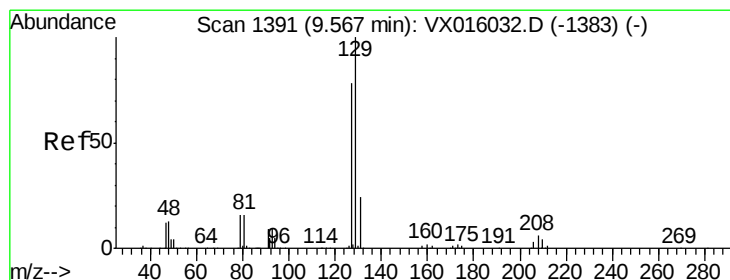
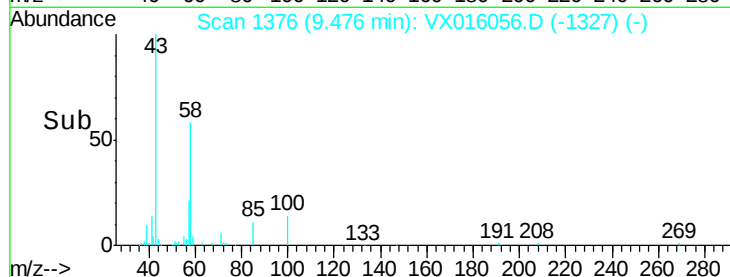
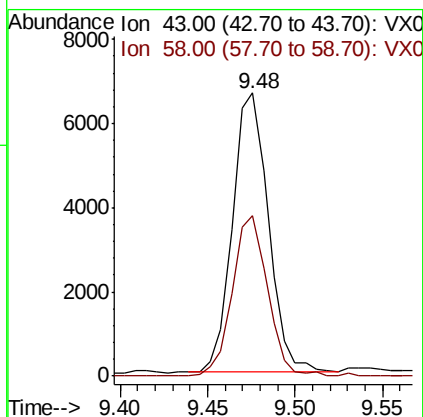
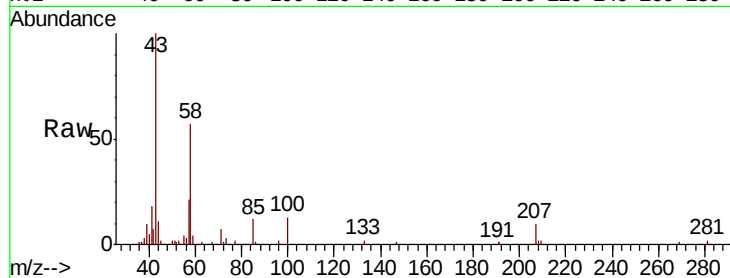




#59
2-Hexanone
Concen: 2.178 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016056.D
Acq: 05 May 2020 12:18

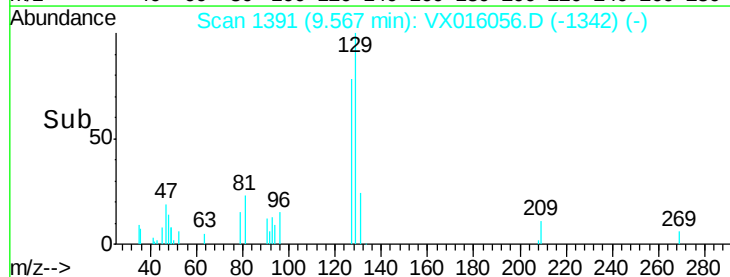
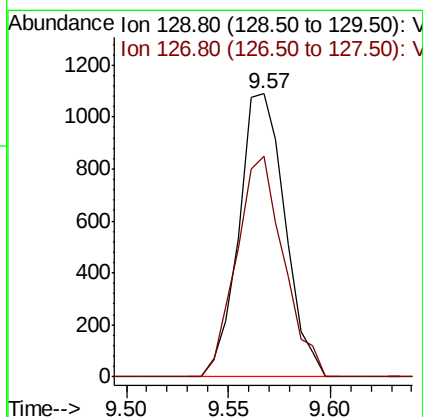
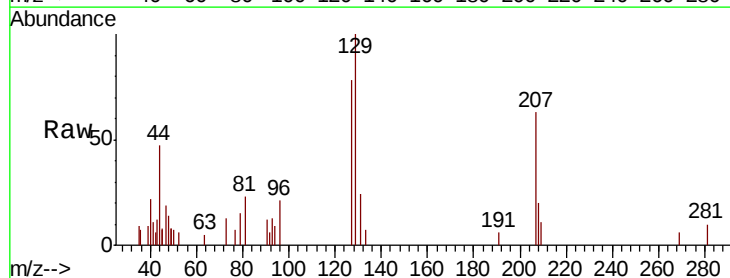
Instrument :
MSVOA_X
ClientSampleId :

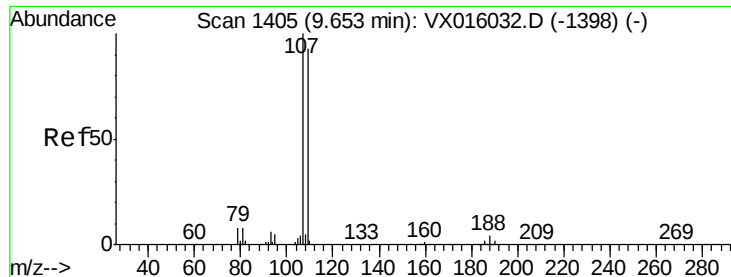
Tot Ion: 43 Resp: 9489
Ion Ratio Lower Upper
43 100
58 56.4 28.6 85.9



#60
Dibromochloromethane
Concen: 0.442 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016056.D
Acq: 05 May 2020 12:18

Tgt Ion: 129 Resp: 1712
Ion Ratio Lower Upper
129 100
127 79.5 38.4 115.2





#61

1,2-Dibromoethane

Concen: 0.456 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

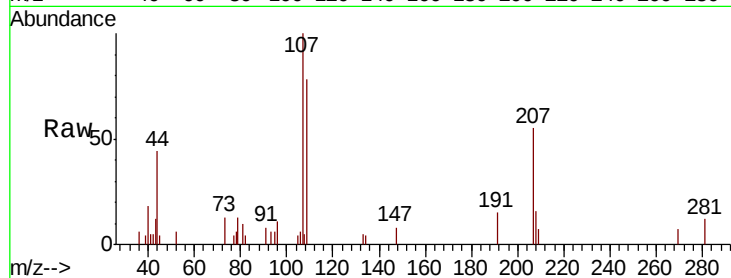
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 107 Resp: 1737

Ion Ratio Lower Upper

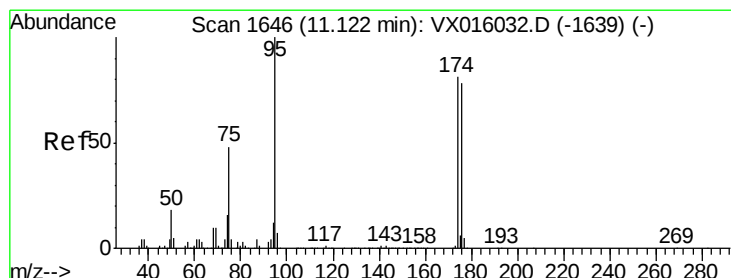
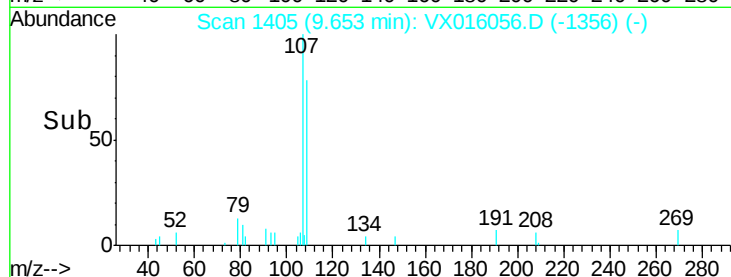
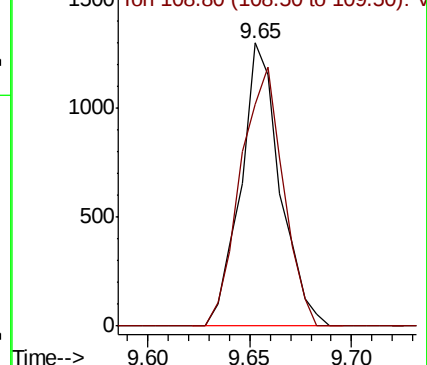
107 100

109 99.4 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 43.832 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

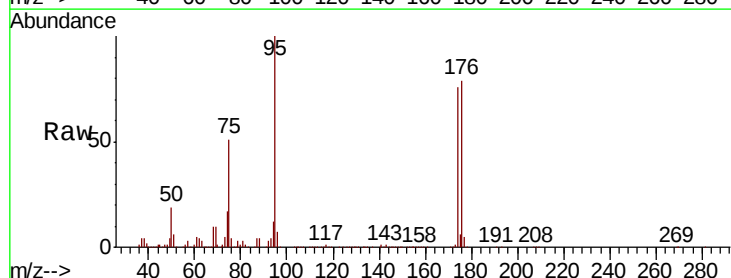
Tgt Ion: 95 Resp: 202705

Ion Ratio Lower Upper

95 100

174 79.4 0.0 159.4

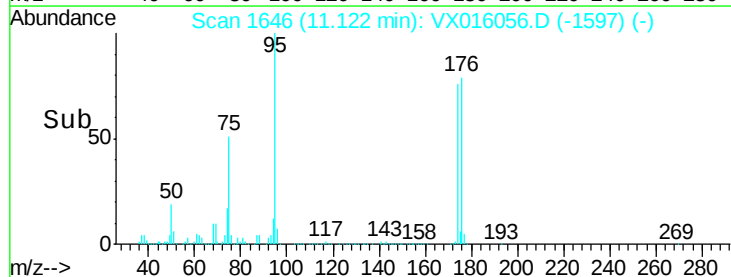
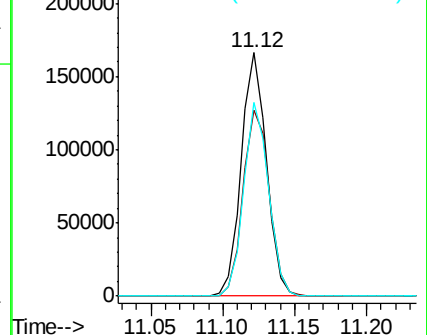
176 78.6 0.0 157.6

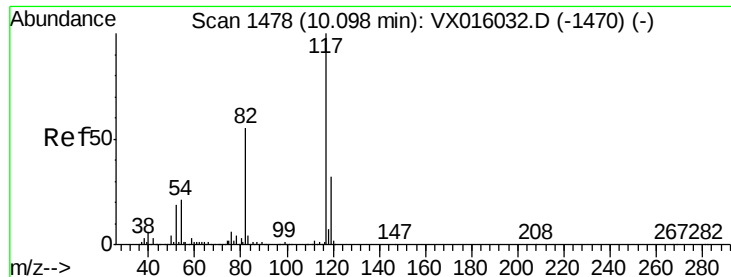


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

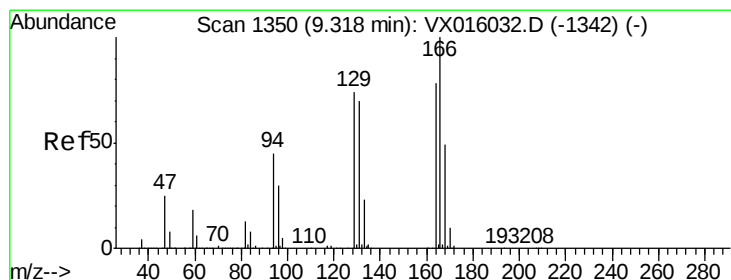
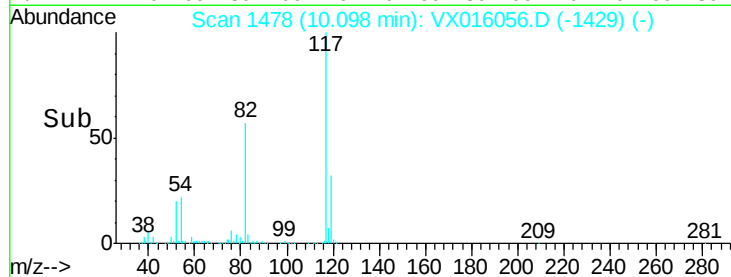
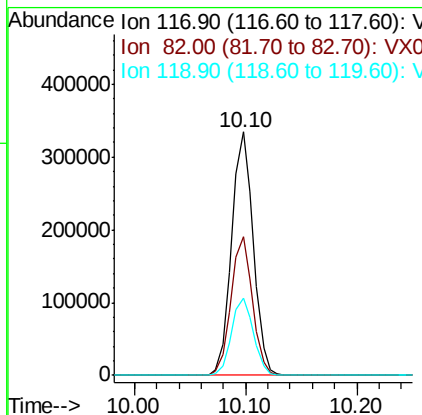
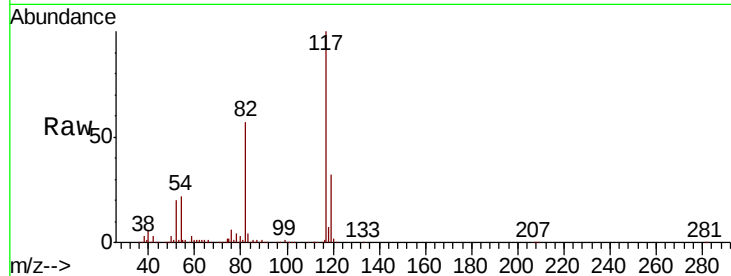




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016056.D
Acq: 05 May 2020 12:18

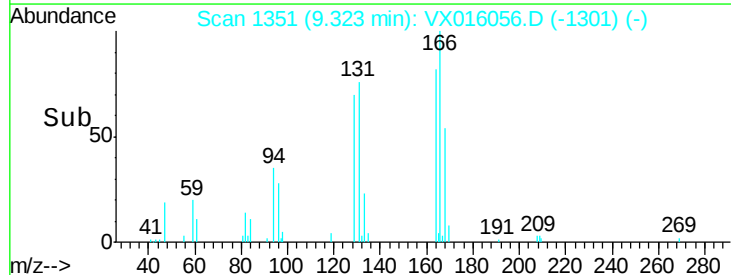
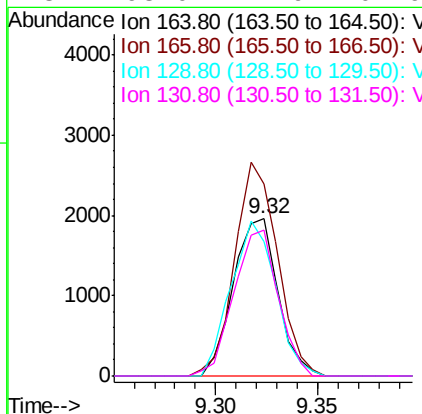
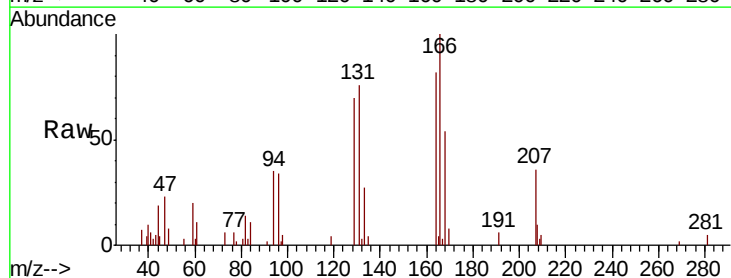
Instrument :
MSVOA_X
ClientSampleId :

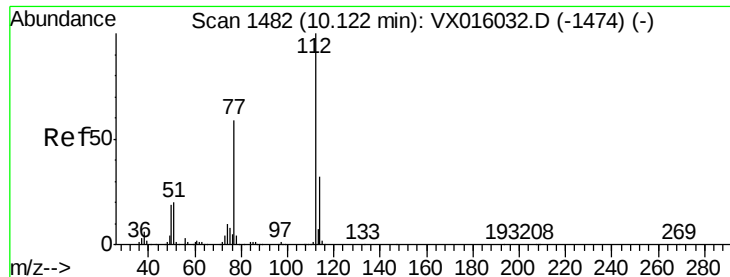
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.0	44.4	66.6
119	32.0	25.5	38.3



#64
Tetrachloroethene
Concen: 0.539 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX016056.D
Acq: 05 May 2020 12:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.5	102.9	154.3
129	85.6	76.1	114.1
131	93.0	71.9	107.9

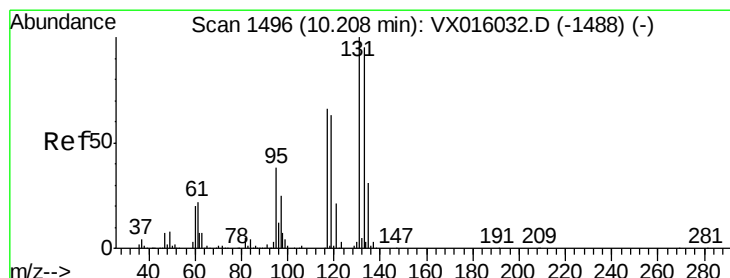
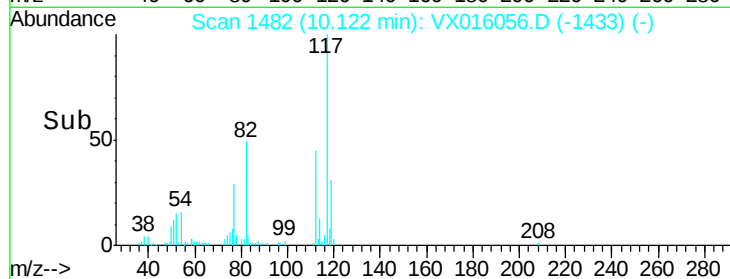
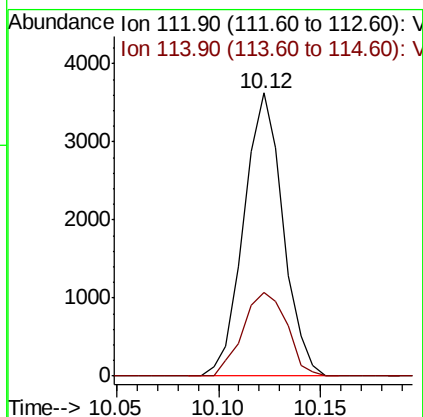
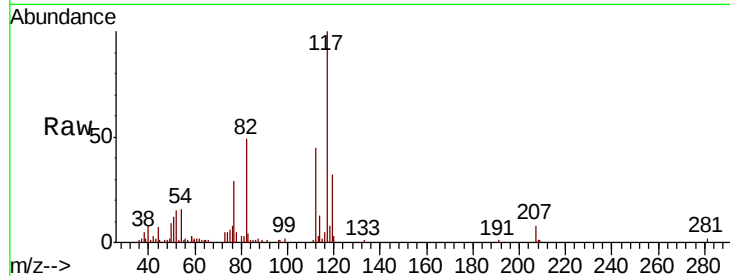




#65
Chlorobenzene
Concen: 0.515 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016056.D
Acq: 05 May 2020 12:18

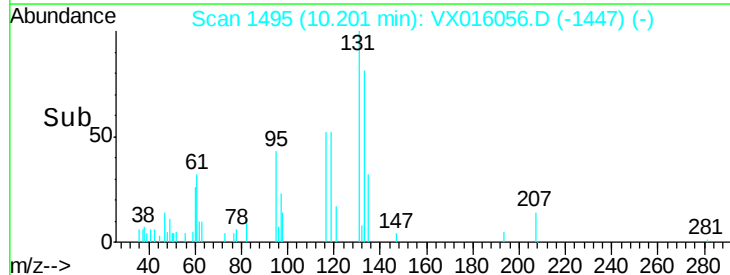
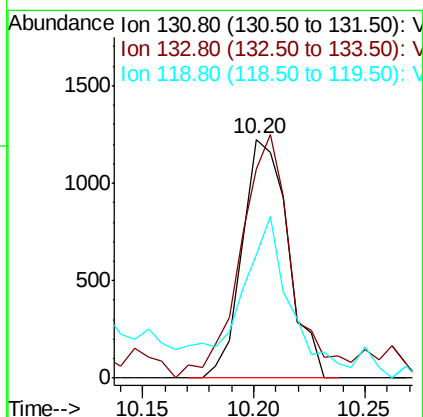
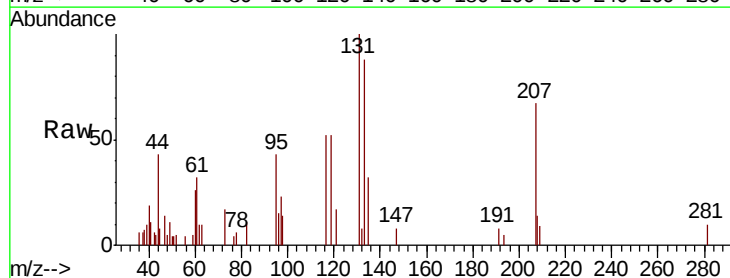
Instrument :
MSVOA_X
ClientSampleId :

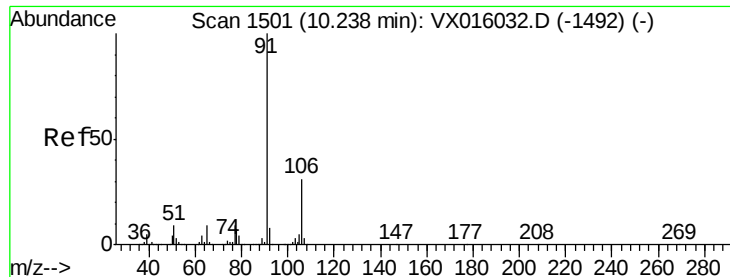
Tot Ion:112 Resp: 4847
Ion Ratio Lower Upper
112 100
114 29.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 0.507 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016056.D
Acq: 05 May 2020 12:18

Tgt Ion:131 Resp: 1766
Ion Ratio Lower Upper
131 100
133 112.9 48.3 144.8
119 0.0 32.3 96.9#

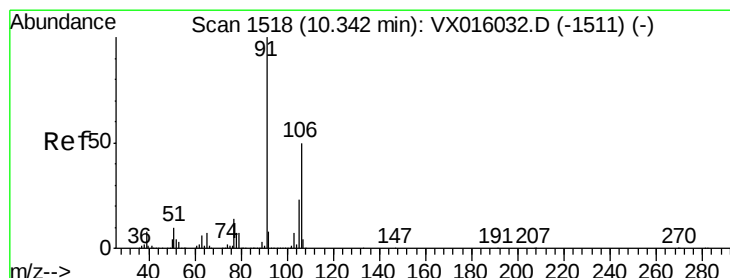
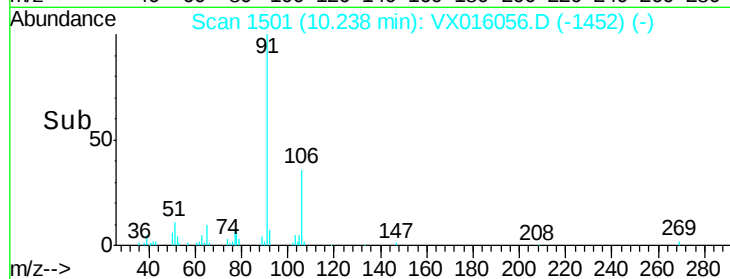
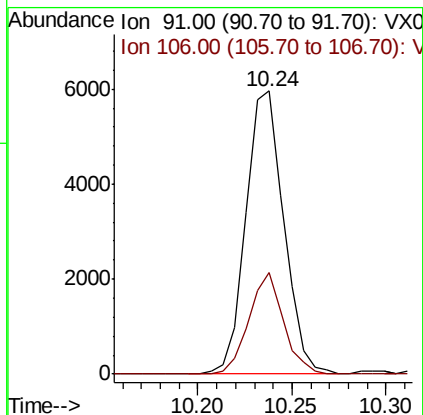
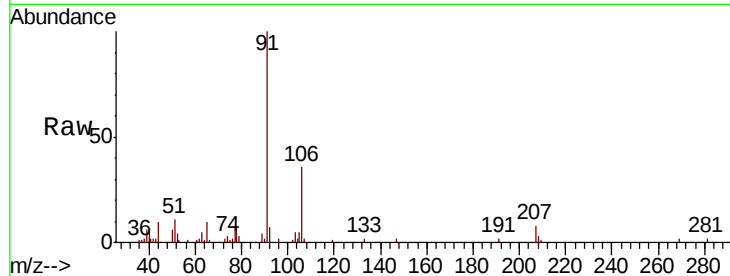




#67
Ethyl Benzene
Concen: 0.494 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016056.D
Acq: 05 May 2020 12:18

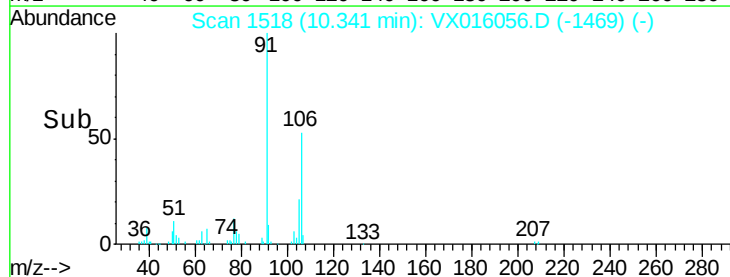
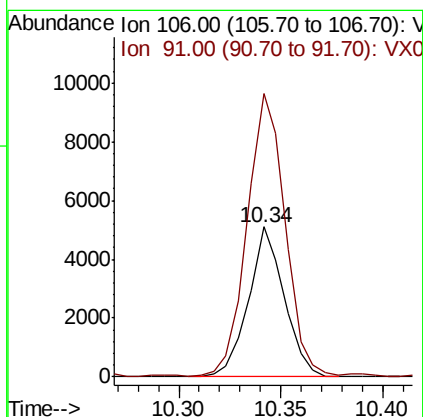
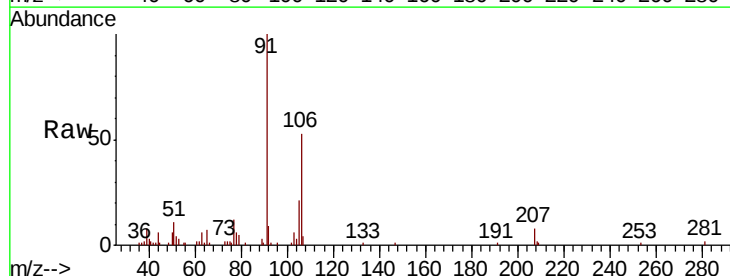
Instrument :
MSVOA_X
ClientSampleId :

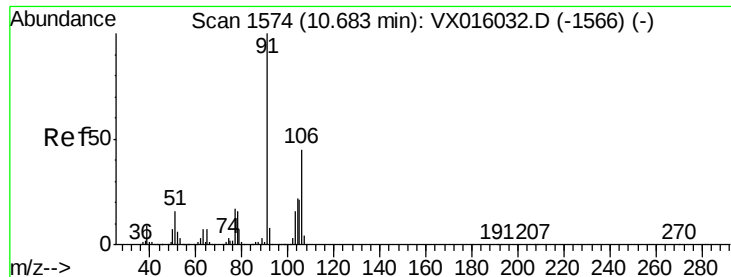
Tot Ion: 91 Resp: 8306
Ion Ratio Lower Upper
91 100
106 35.7 25.1 37.7



#68
m/p-Xylenes
Concen: 0.989 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016056.D
Acq: 05 May 2020 12:18

Tgt Ion: 106 Resp: 6223
Ion Ratio Lower Upper
106 100
91 203.0 161.7 242.5

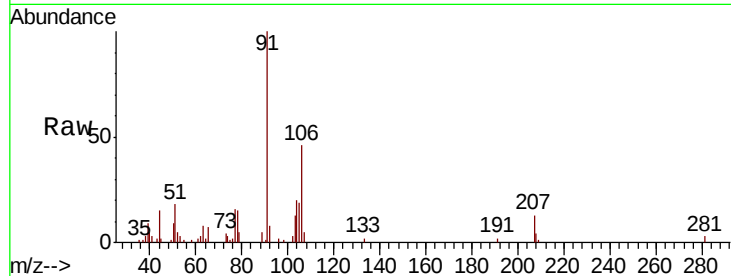




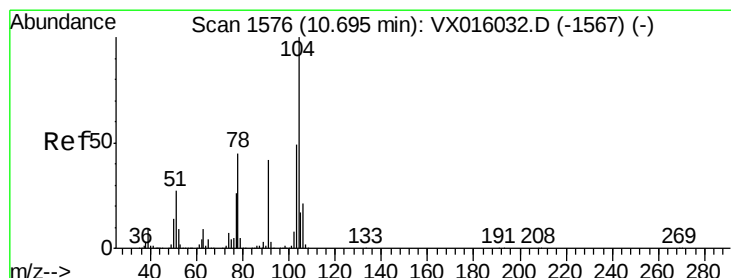
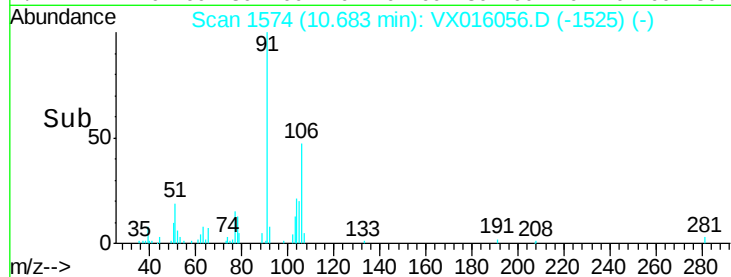
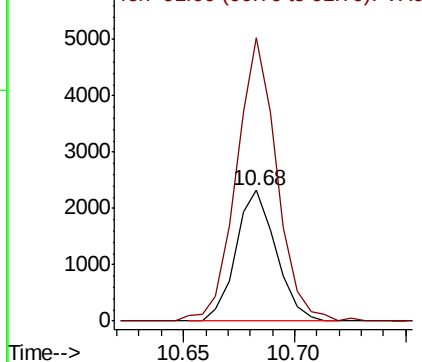
#69
o-Xylene
Concen: 0.481 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016056.D
Acq: 05 May 2020 12:18

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 2911
Ion Ratio Lower Upper
106 100
91 218.1 107.5 322.6

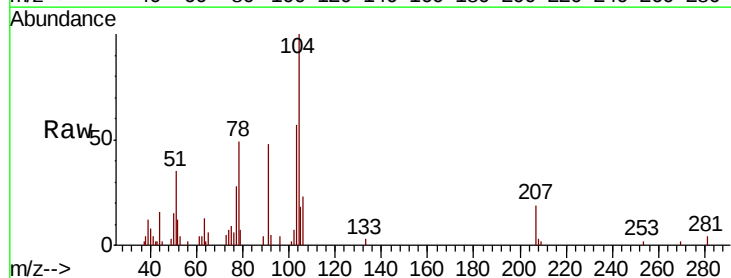


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

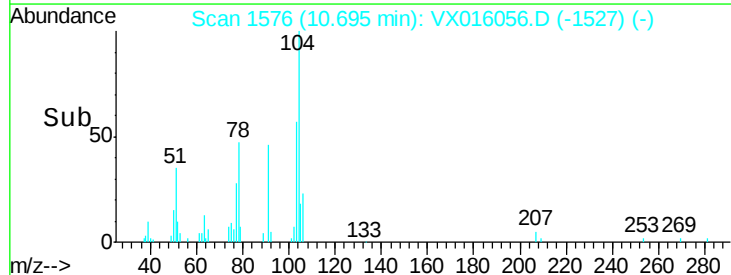
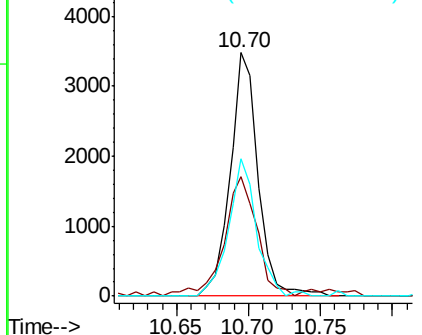


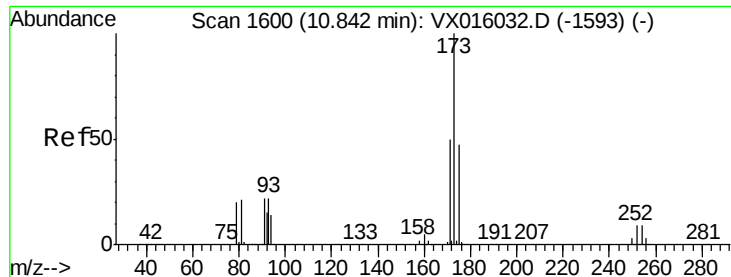
#70
Styrene
Concen: 0.461 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016056.D
Acq: 05 May 2020 12:18

Tgt Ion:104 Resp: 4731
Ion Ratio Lower Upper
104 100
78 58.3 40.2 60.2
103 56.7 43.0 64.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 0.428 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

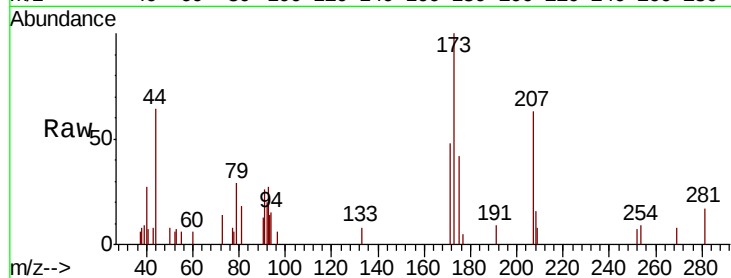
Tot Ion:173 Resp: 1214

Ion Ratio Lower Upper

173 100

175 48.2 24.0 72.0

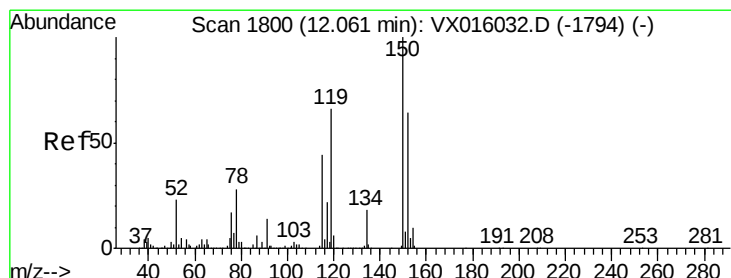
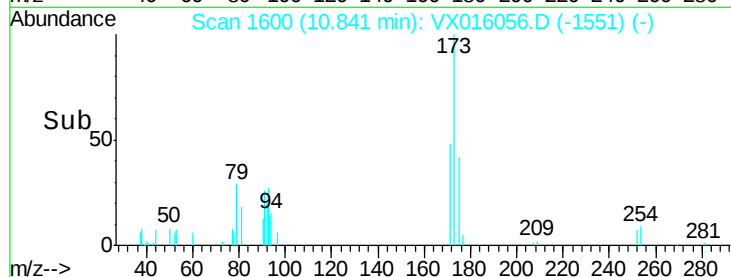
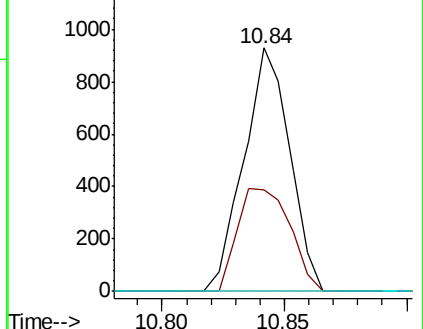
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

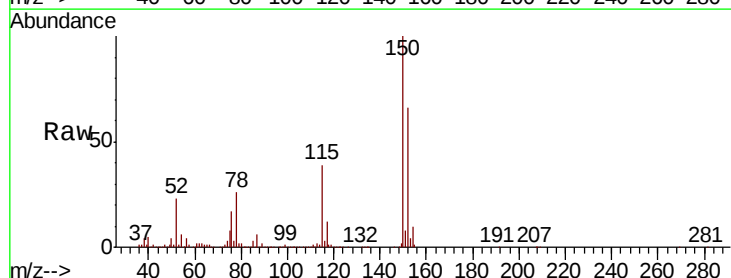
Tgt Ion:152 Resp: 220852

Ion Ratio Lower Upper

152 100

115 59.0 41.3 124.1

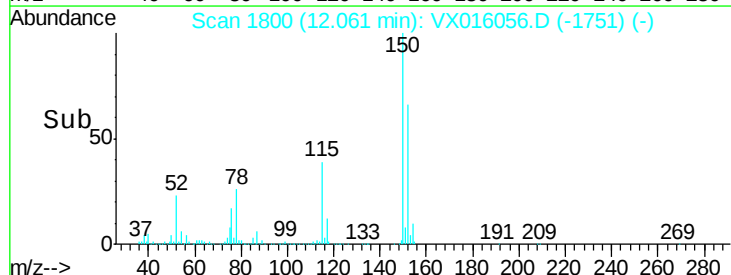
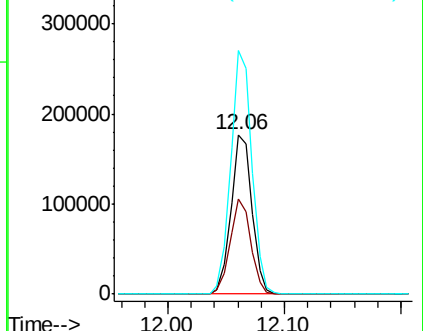
150 154.4 0.0 352.2

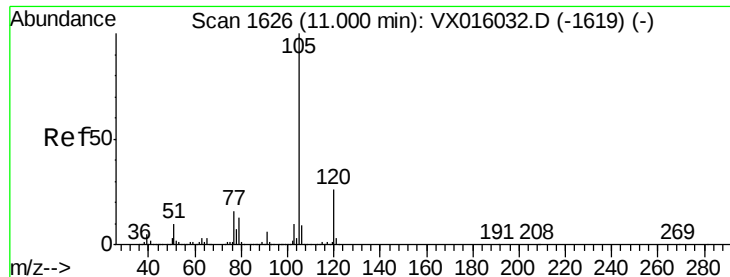


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.491 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

Instrument :

MSVOA_X

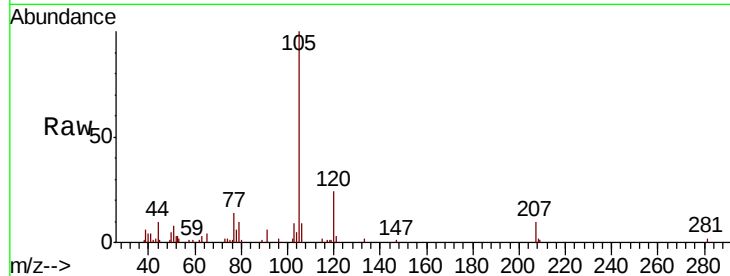
ClientSampleId :

Tot Ion:105 Resp: 7890

Ion Ratio Lower Upper

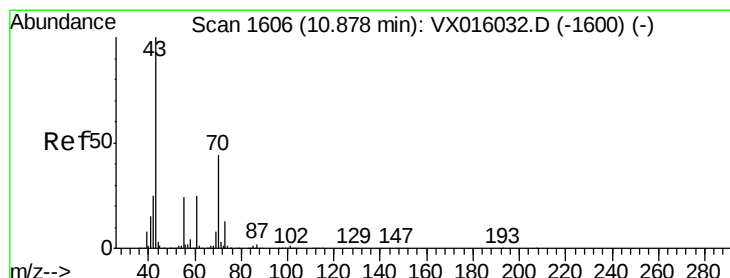
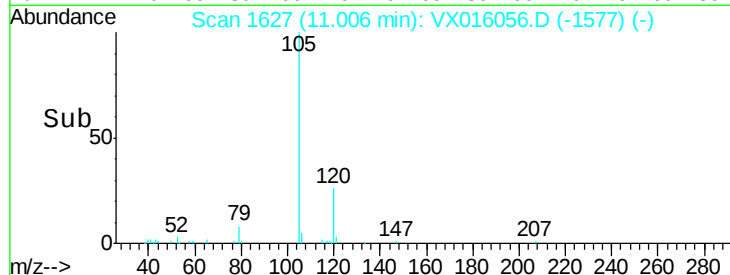
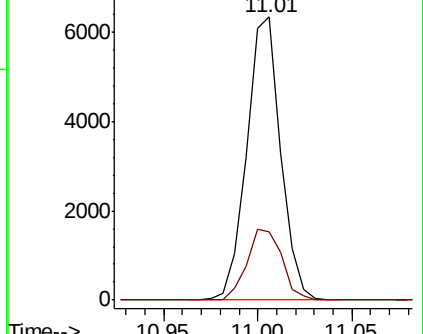
105 100

120 25.7 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.522 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

Tgt Ion: 43 Resp: 3913

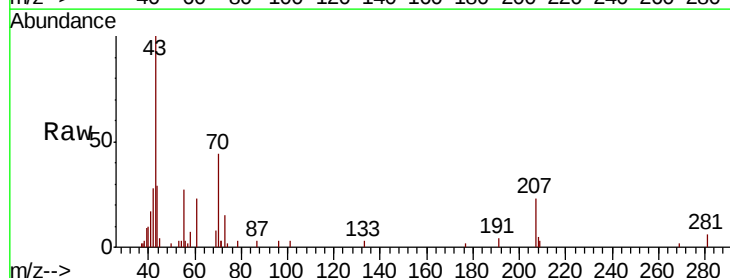
Ion Ratio Lower Upper

43 100

70 38.2 36.5 54.7

55 27.1 19.7 29.5

61 21.9 20.9 31.3

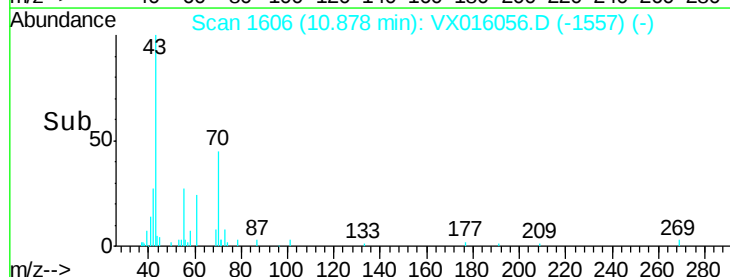
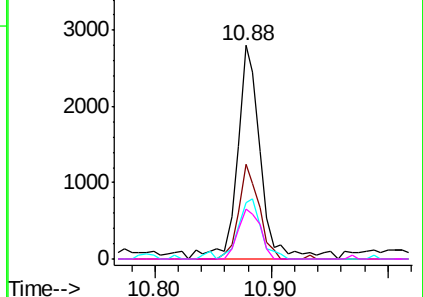


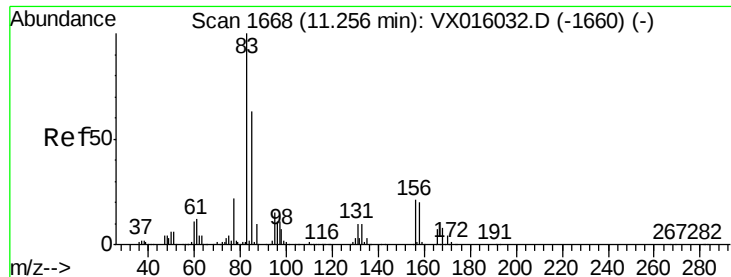
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 5.129 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

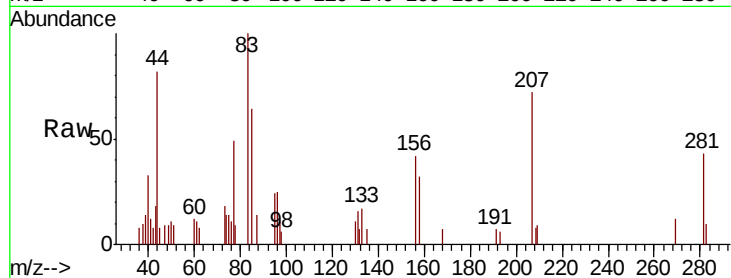
Tot Ion: 83 Resp: 1225

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.4

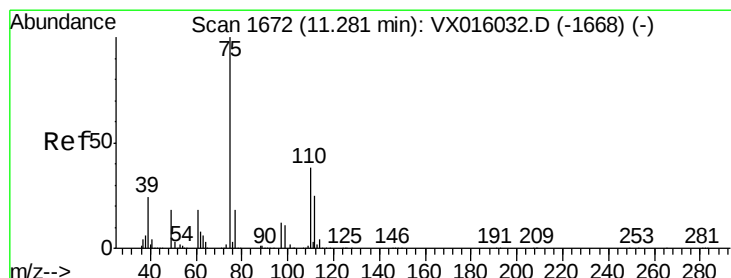
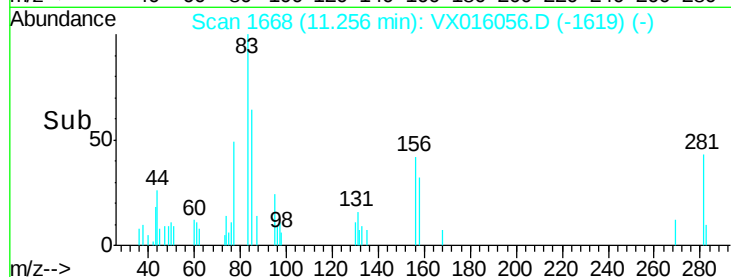
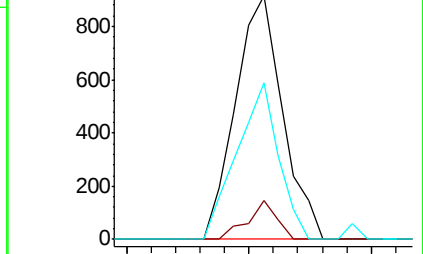
85 57.1 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 0.719 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016056.D

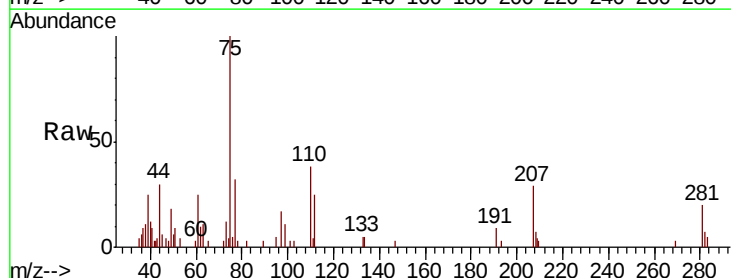
Acq: 05 May 2020 12:18

Tgt Ion: 75 Resp: 3602

Ion Ratio Lower Upper

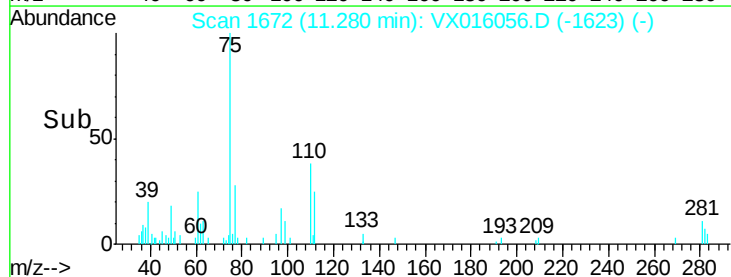
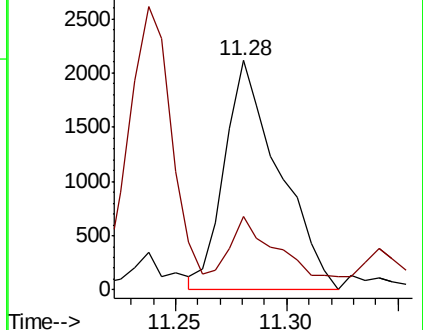
75 100

77 32.0 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 0.551 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

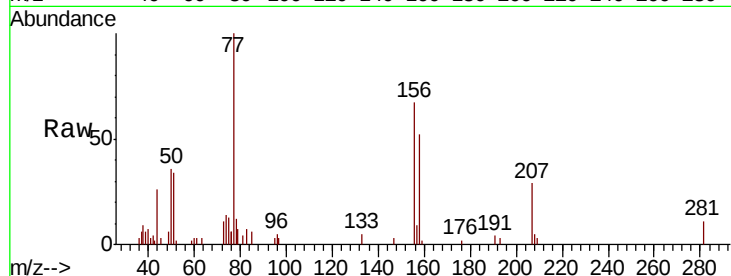
Tot Ion:156 Resp: 2286

Ion Ratio Lower Upper

156 100

77 159.4 80.1 240.3

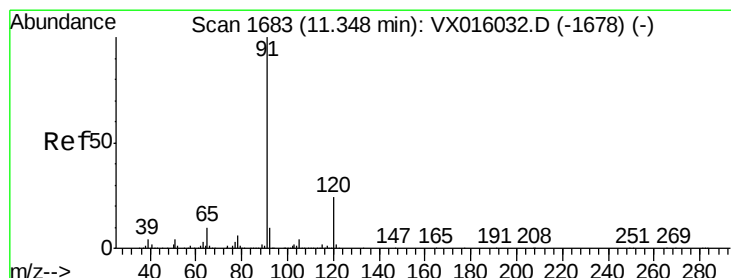
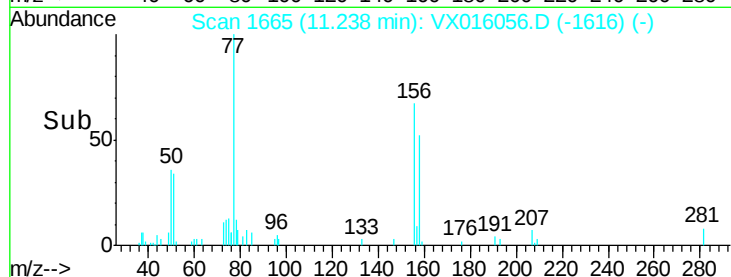
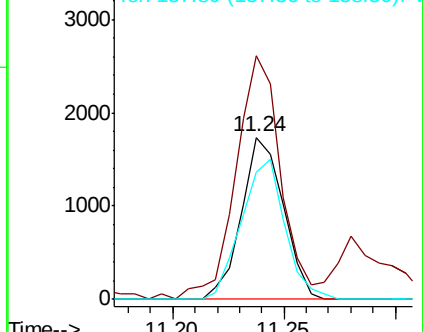
158 89.9 49.4 148.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.484 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016056.D

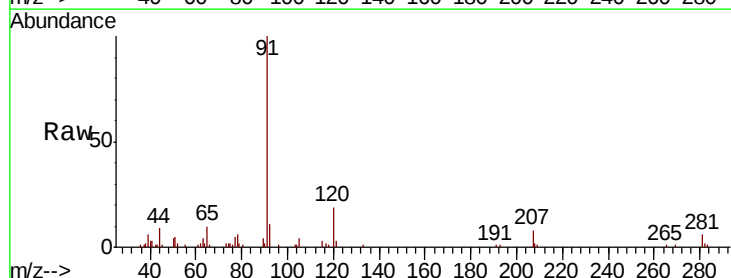
Acq: 05 May 2020 12:18

Tgt Ion: 91 Resp: 9041

Ion Ratio Lower Upper

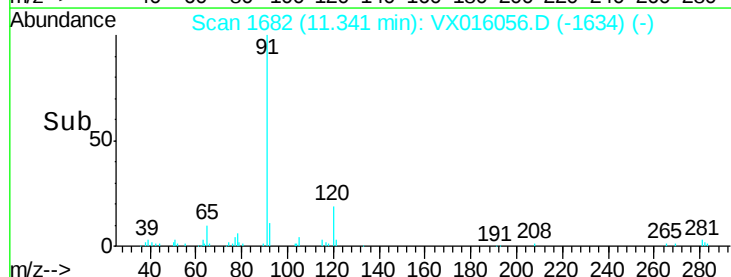
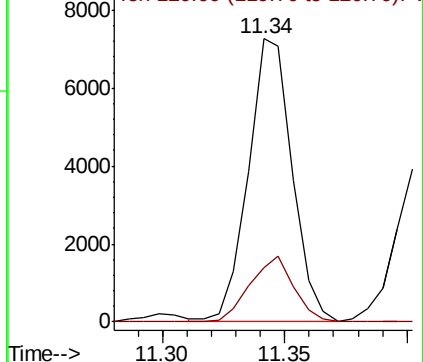
91 100

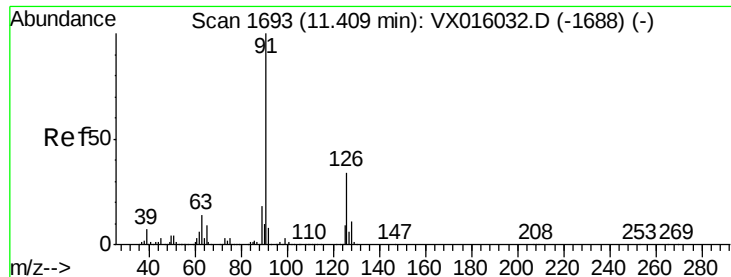
120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

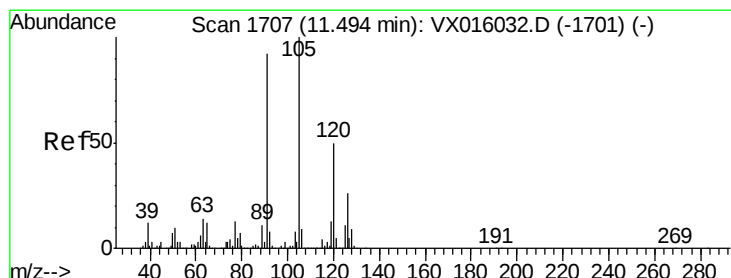
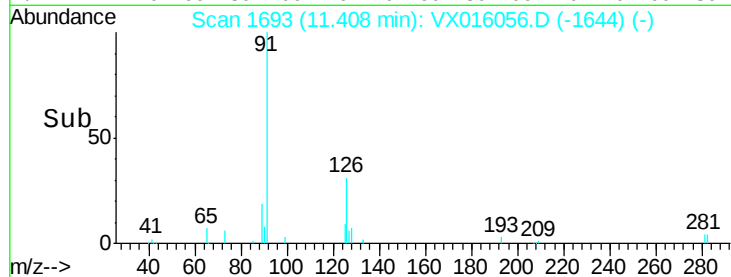
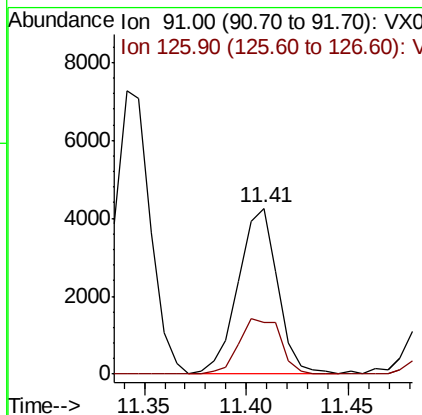
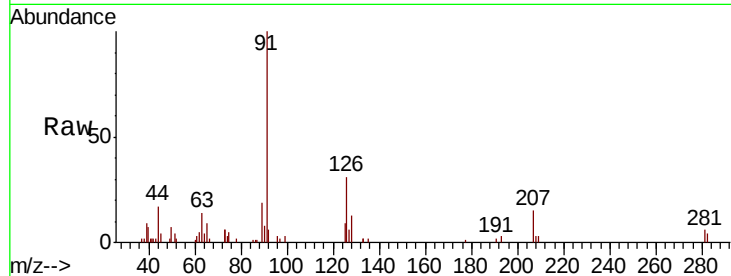




#79
 2-Chlorotoluene
 Concen: 0.519 ug/l
 RT: 11.41 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: VX016056.D
 Acq: 05 May 2020 12:18

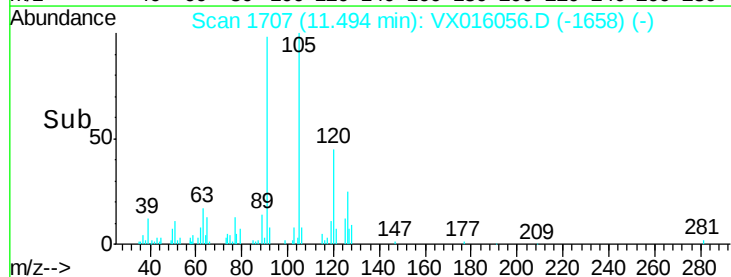
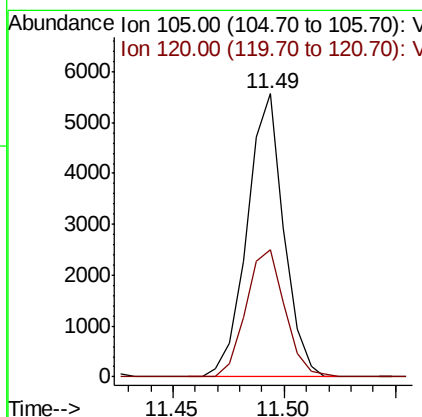
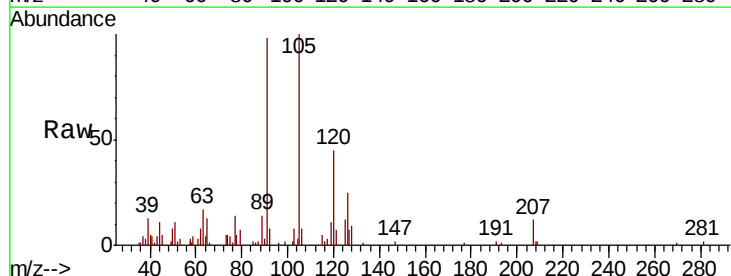
Instrument :
 MSVOA_X
 ClientSampleId :

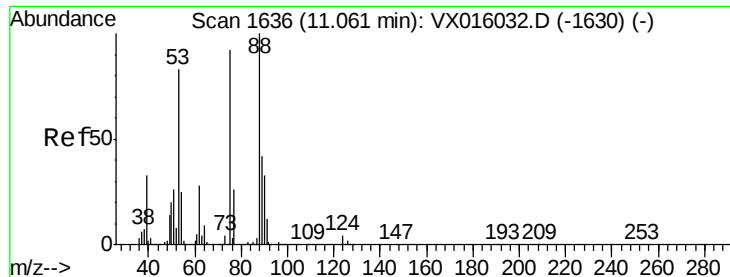
Tot Ion: 91 Resp: 5727
 Ion Ratio Lower Upper
 91 100
 126 35.4 16.9 50.6



#80
 1,3,5-Trimethylbenzene
 Concen: 0.471 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016056.D
 Acq: 05 May 2020 12:18

Tgt Ion: 105 Resp: 6390
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 49.083 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

Instrument :

MSVOA_X

ClientSampled :

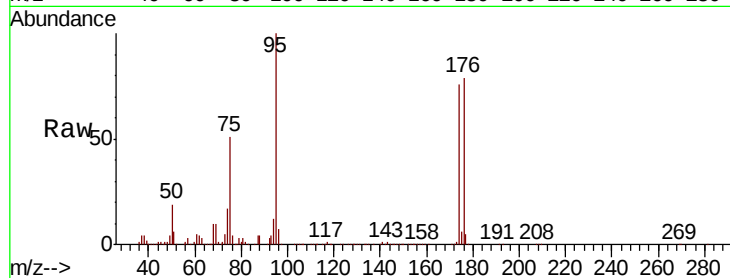
Tot Ion: 75 Resp: 103223

Ion Ratio Lower Upper

75 100

53 0.0 73.1 109.7#

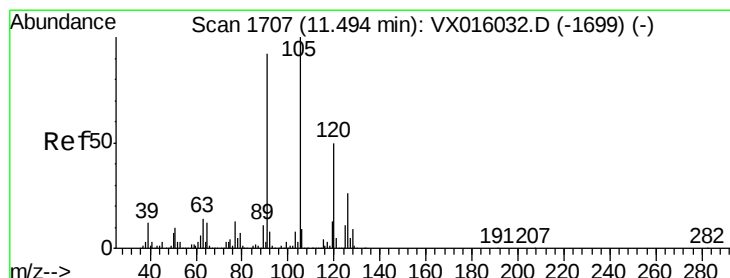
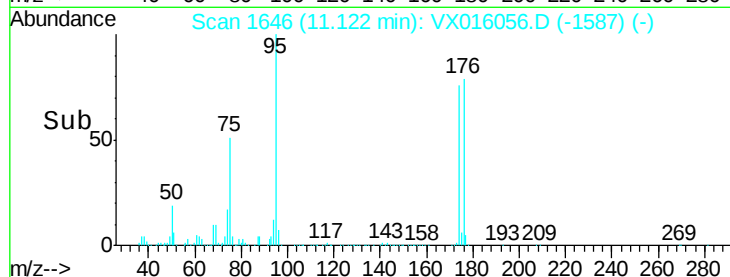
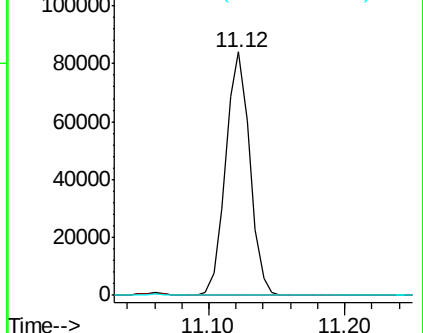
89 0.0 36.7 55.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.531 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016056.D

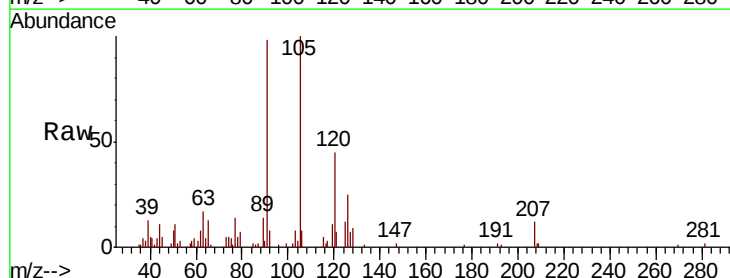
Acq: 05 May 2020 12:18

Tgt Ion: 91 Resp: 6922

Ion Ratio Lower Upper

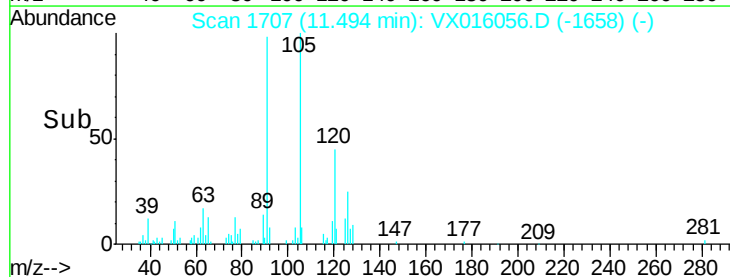
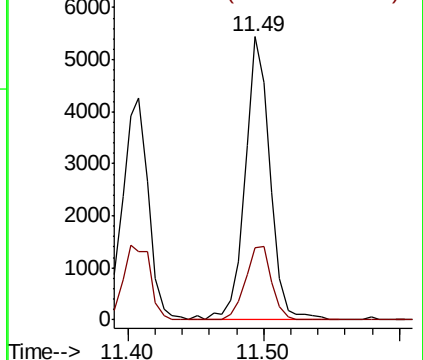
91 100

126 27.3 14.8 44.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 0.489 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

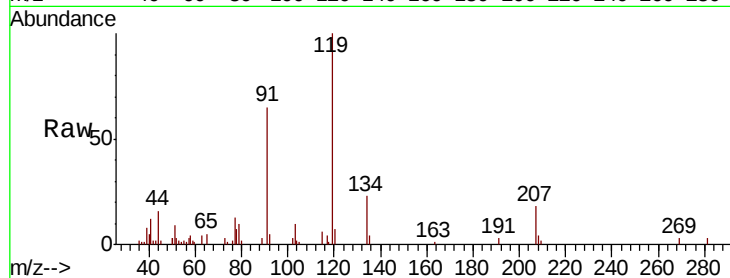
Tot Ion:119 Resp: 5716

Ion Ratio Lower Upper

119 100

91 68.3 32.8 98.4

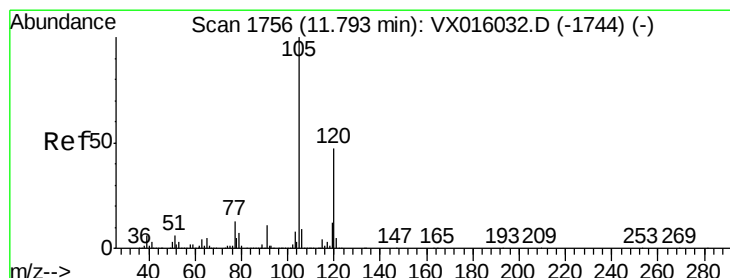
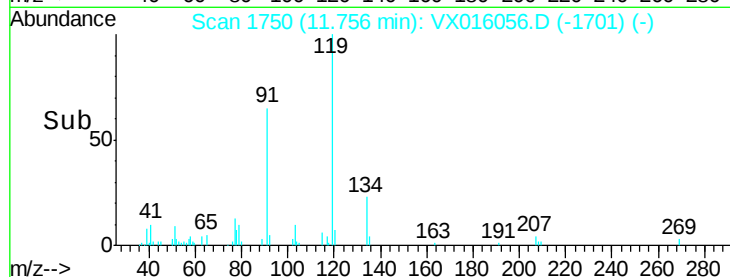
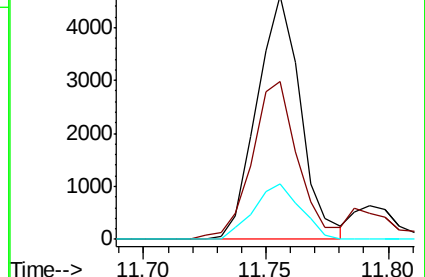
134 24.4 12.4 37.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 0.456 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016056.D

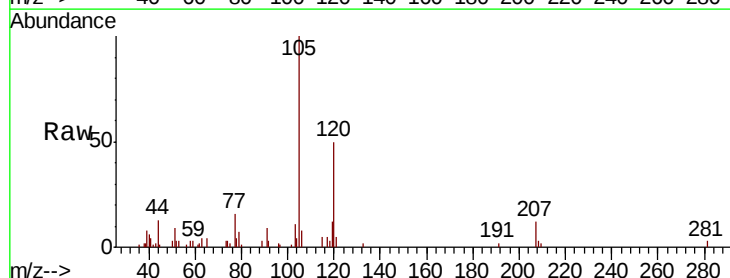
Acq: 05 May 2020 12:18

Tgt Ion:105 Resp: 6247

Ion Ratio Lower Upper

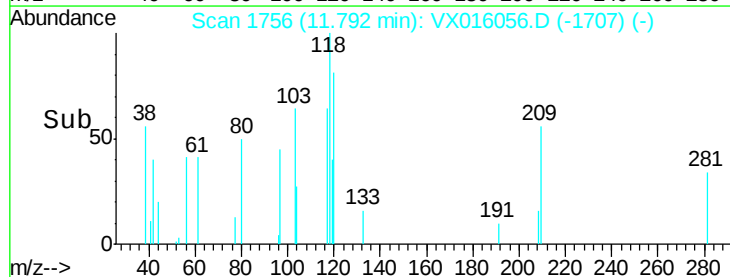
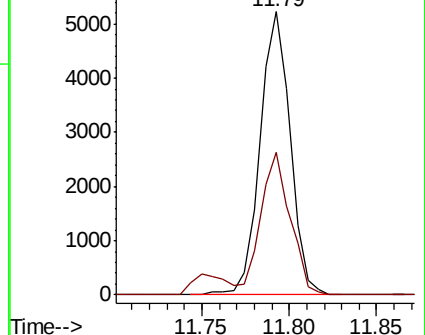
105 100

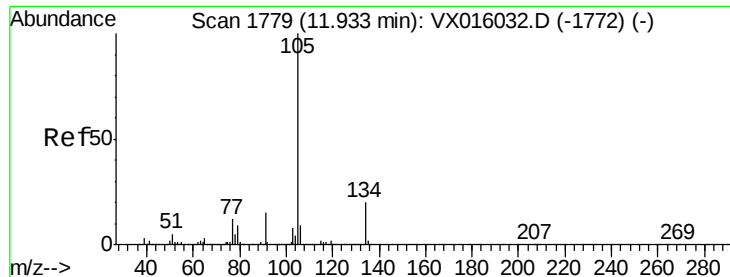
120 49.7 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.460 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

Instrument :

MSVOA_X

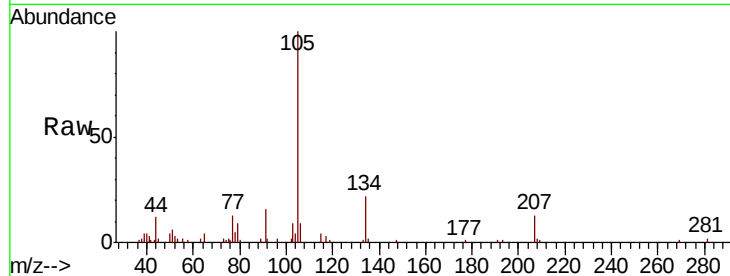
ClientSampleId :

Tot Ion:105 Resp: 7261

Ion Ratio Lower Upper

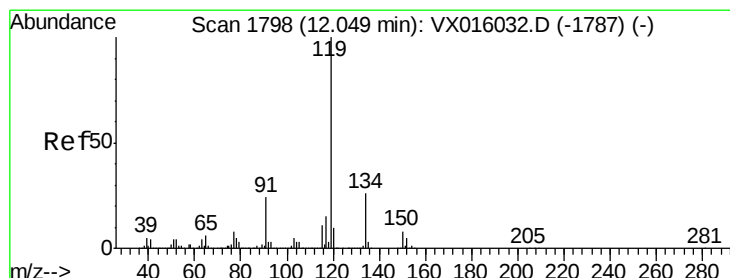
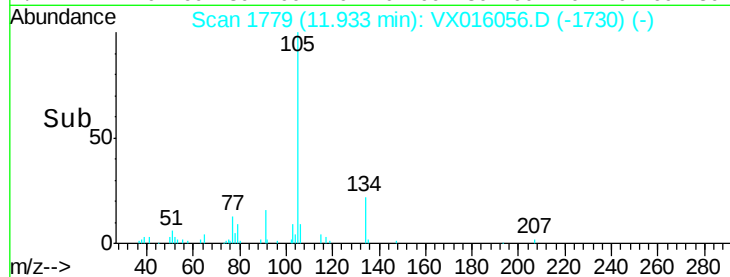
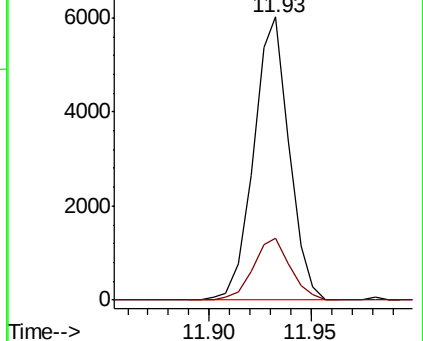
105 100

134 22.8 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.473 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

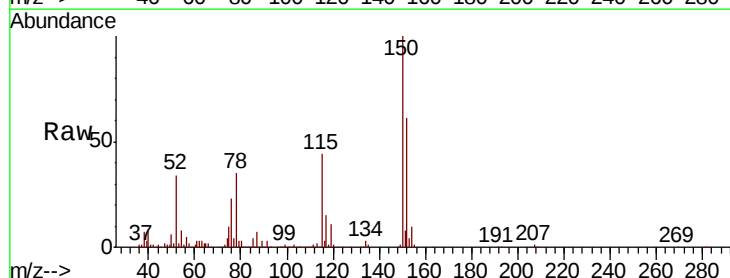
Tgt Ion:119 Resp: 6930

Ion Ratio Lower Upper

119 100

134 30.2 13.1 39.3

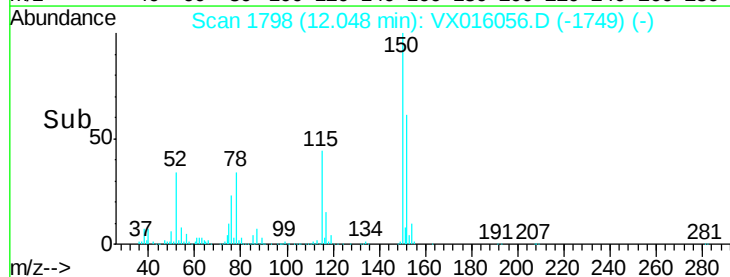
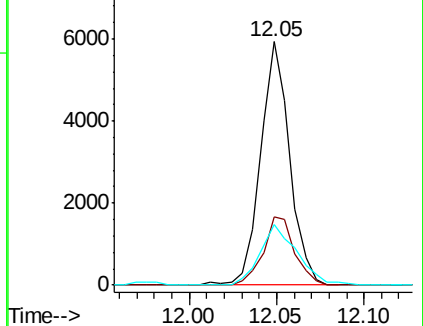
91 32.1 11.8 35.4

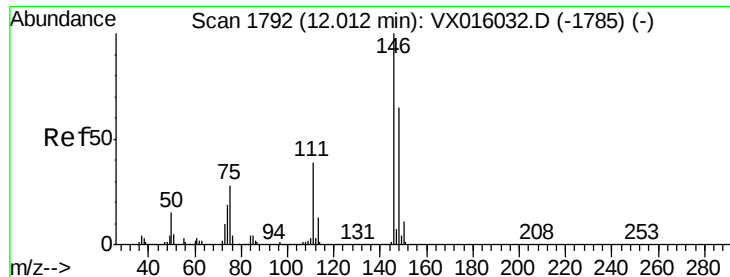


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

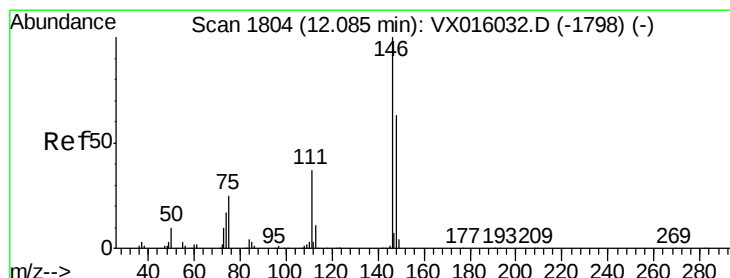
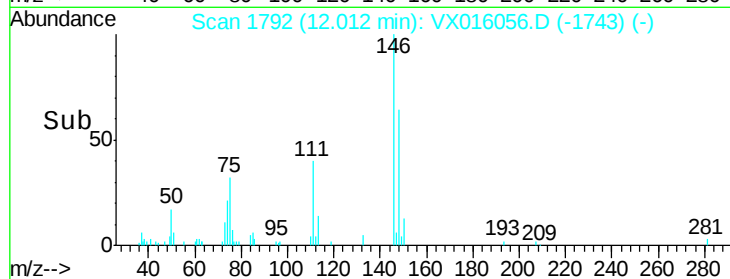
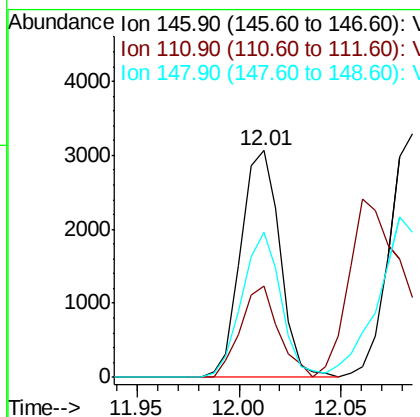
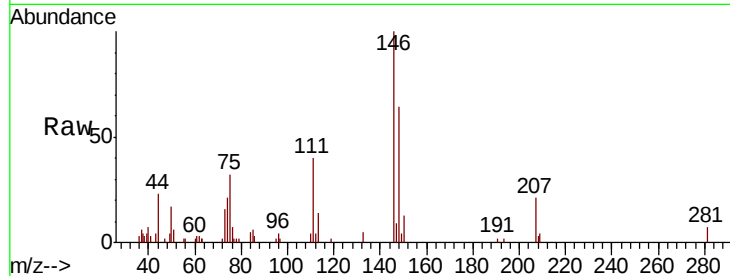




#87
 1,3-Dichlorobenzene
 Concen: 0.549 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016056.D
 Acq: 05 May 2020 12:18

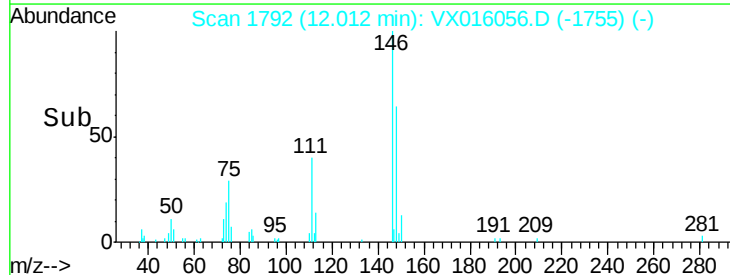
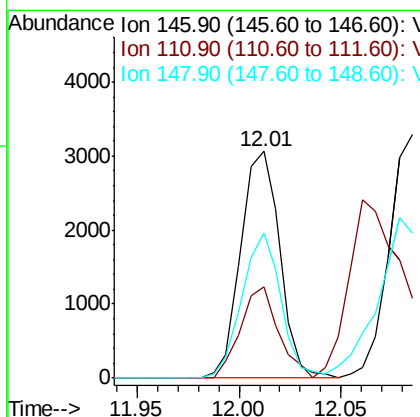
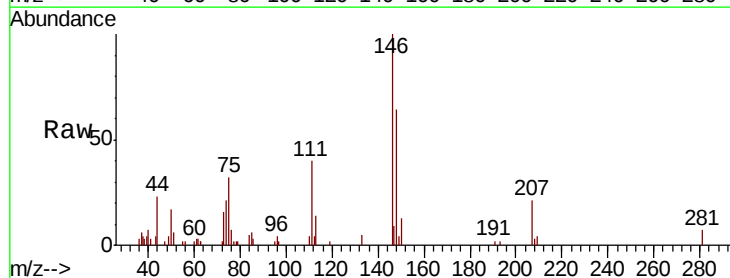
Instrument :
 MSVOA_X
 ClientSampled :

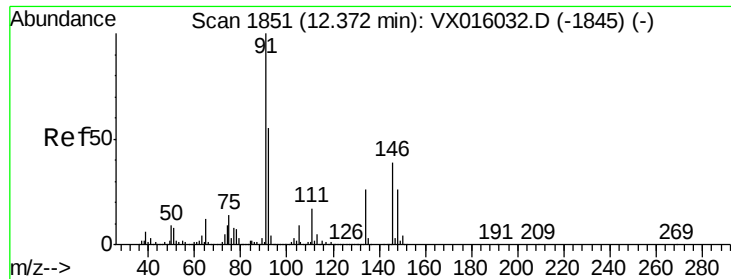
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.2	60.6
148	64.1	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 0.541 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.07 min
 Lab File: VX016056.D
 Acq: 05 May 2020 12:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.6	58.7
148	64.1	31.8	95.3

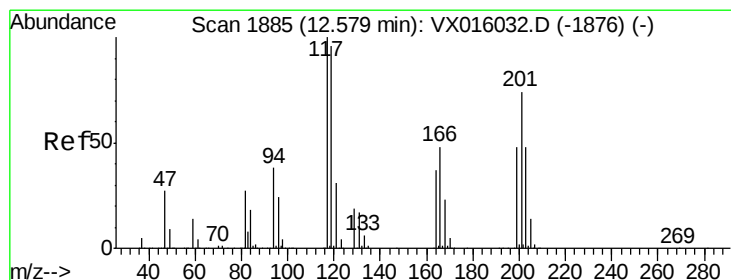
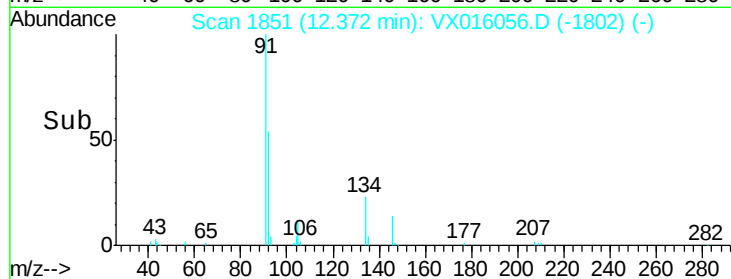
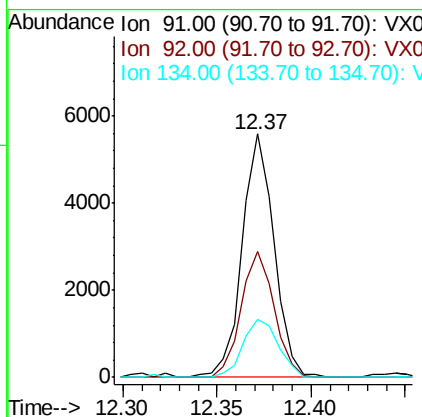
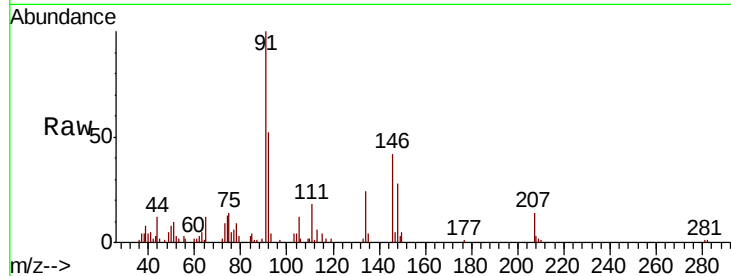




#89
n-Butylbenzene
Concen: 0.490 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016056.D
Acq: 05 May 2020 12:18

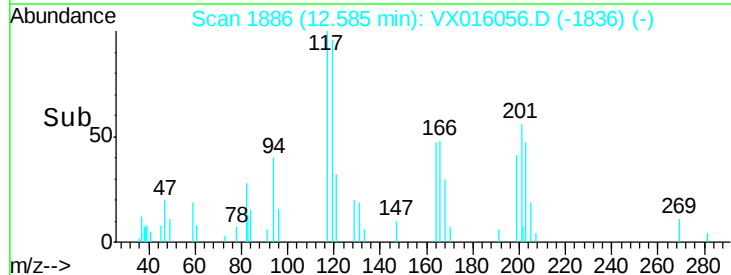
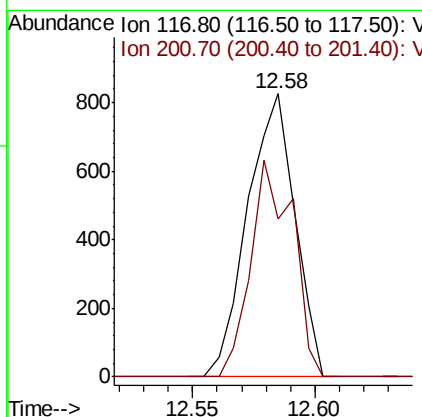
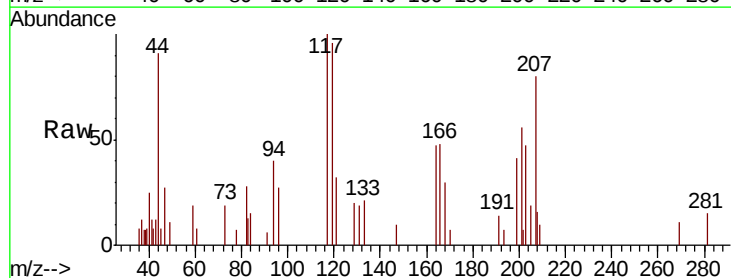
Instrument :
MSVOA_X
ClientSampleId :

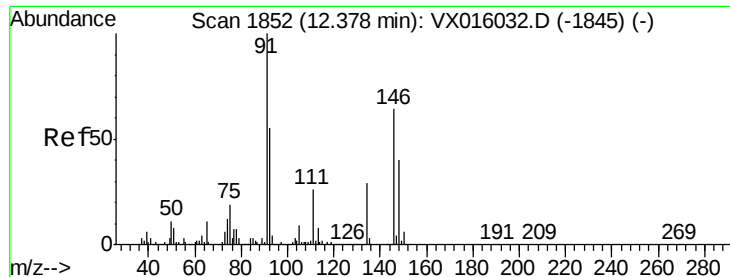
Tot Ion: 91 Resp: 6556
Ion Ratio Lower Upper
91 100
92 53.6 27.6 82.7
134 26.3 13.4 40.1



#90
Hexachloroethane
Concen: 0.442 ug/l
RT: 12.58 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VX016056.D
Acq: 05 May 2020 12:18

Tgt Ion: 117 Resp: 1112
Ion Ratio Lower Upper
117 100
201 67.9 39.8 119.3





#91

1,2-Dichlorobenzene

Concen: 0.498 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

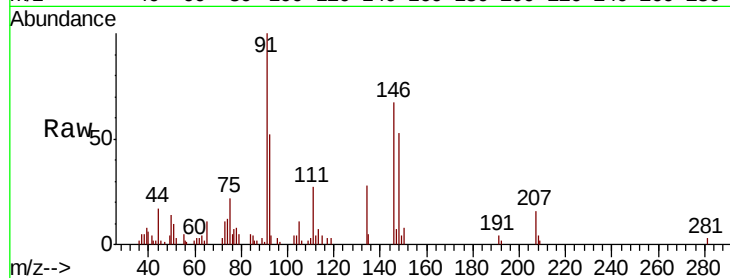
Tot Ion:146 Resp: 3570

Ion Ratio Lower Upper

146 100

111 44.5 21.1 63.1

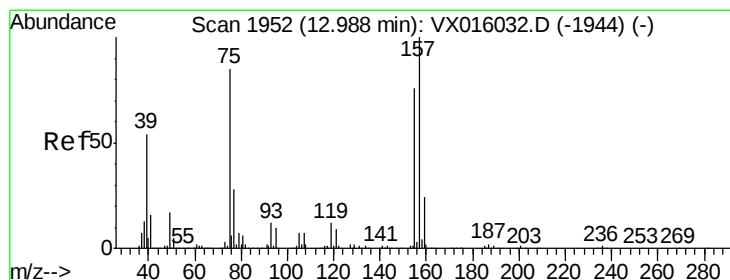
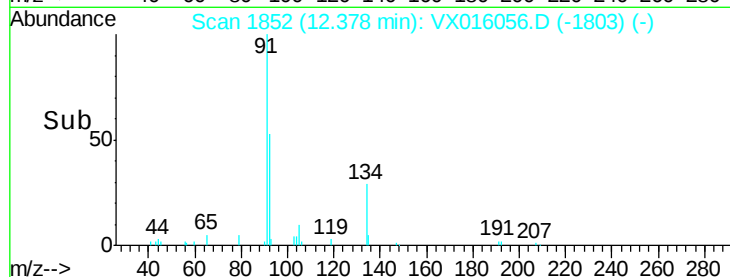
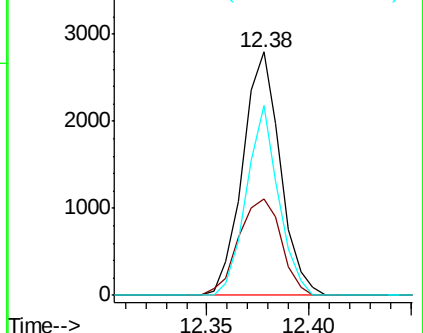
148 66.7 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.510 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016056.D

Acq: 05 May 2020 12:18

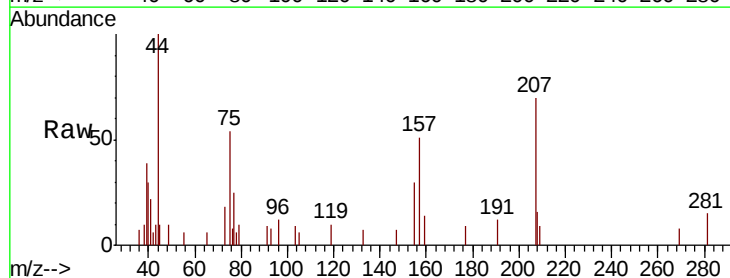
Tgt Ion: 75 Resp: 674

Ion Ratio Lower Upper

75 100

155 70.8 42.5 127.5

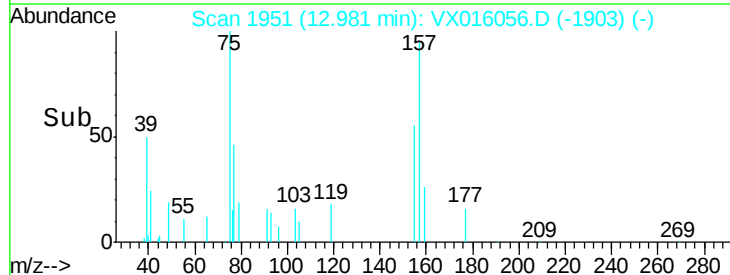
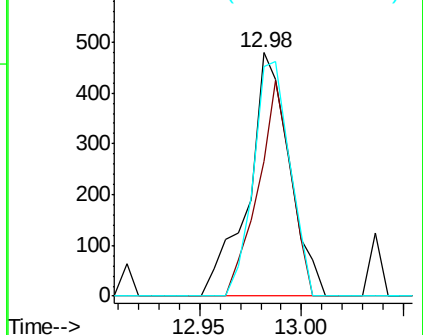
157 85.3 55.3 165.8

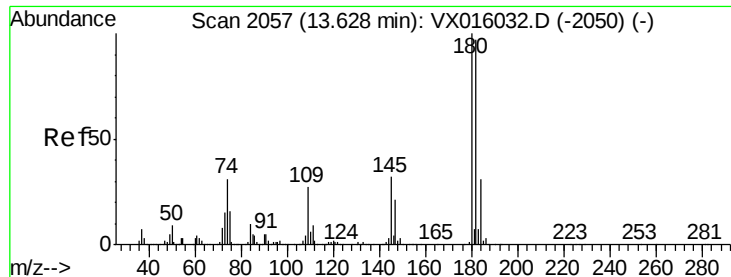


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

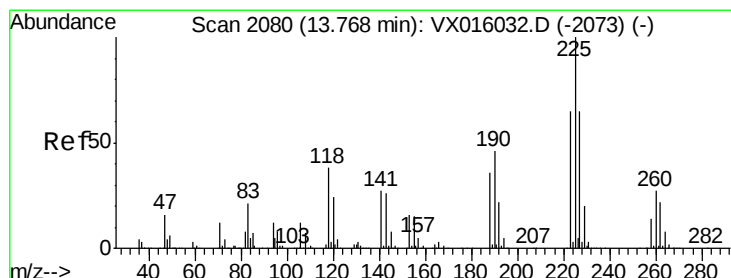
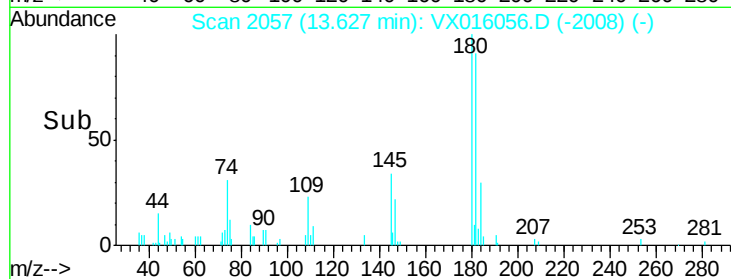
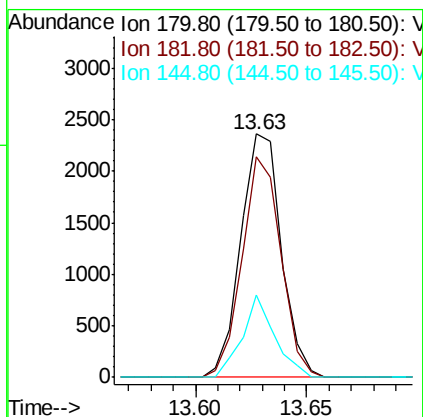
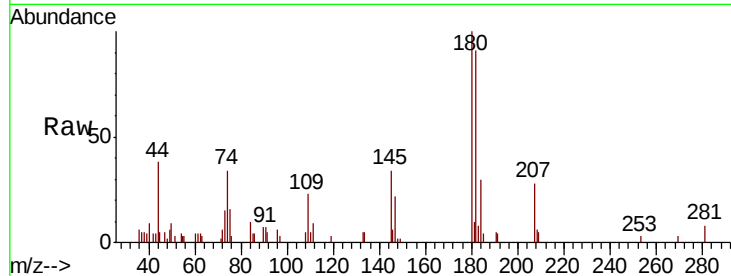




#93
 1,2,4-Trichlorobenzene
 Concen: 0.565 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016056.D
 Acq: 05 May 2020 12:18

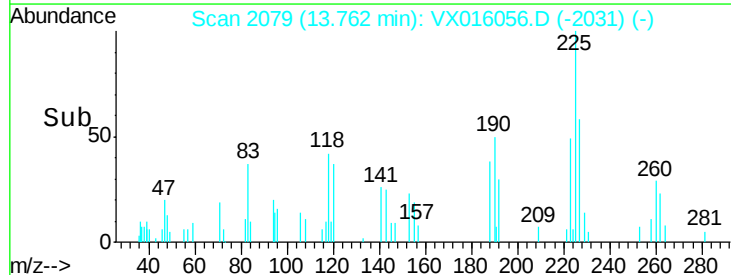
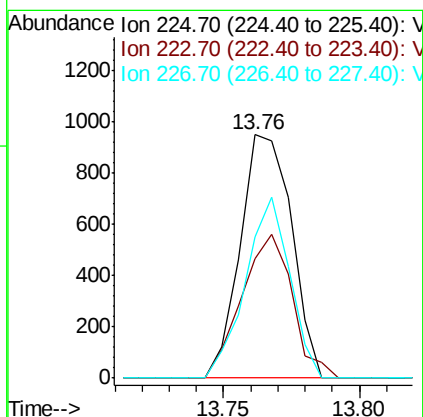
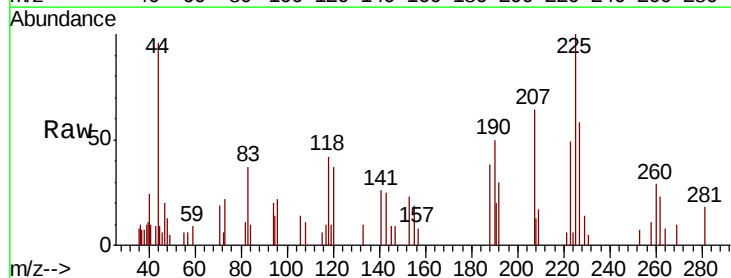
Instrument :
 MSVOA_X
 ClientSampleId :

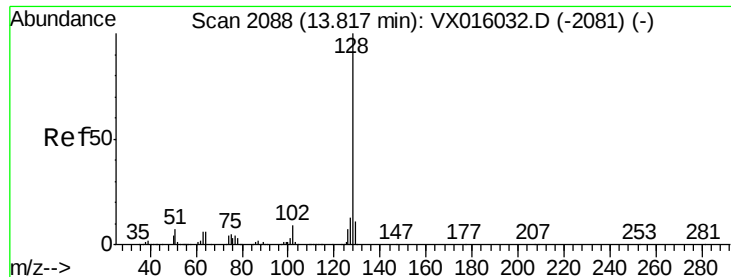
Tot Ion:180 Resp: 3001
 Ion Ratio Lower Upper
 180 100
 182 87.0 48.7 146.1
 145 27.0 15.7 47.1



#94
 Hexachlorobutadiene
 Concen: 1.061 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016056.D
 Acq: 05 May 2020 12:18

Tgt Ion:225 Resp: 1241
 Ion Ratio Lower Upper
 225 100
 223 58.2 32.3 96.9
 227 64.2 31.8 95.4

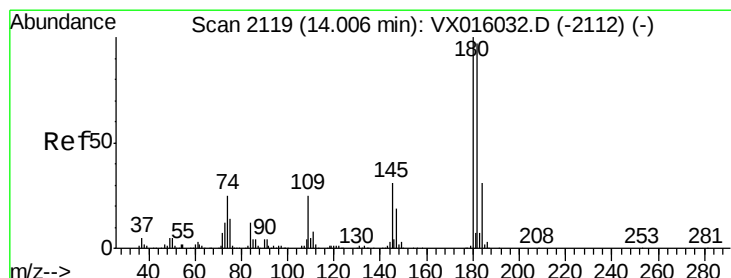
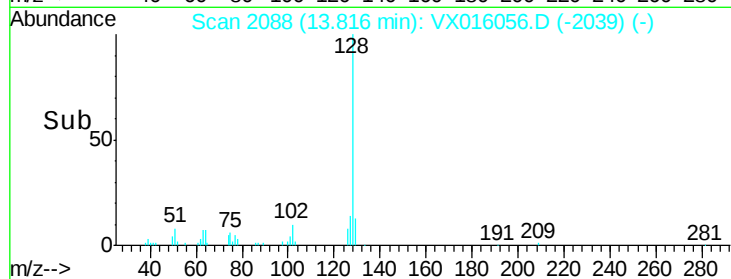
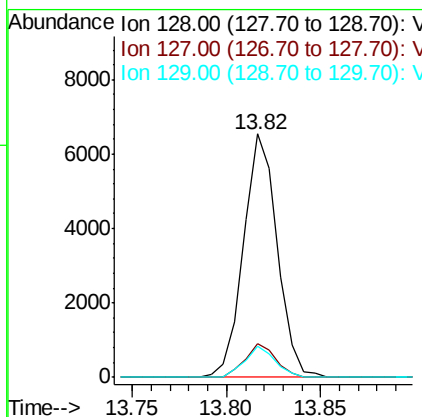
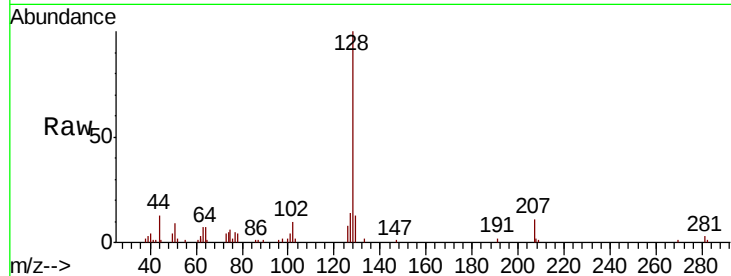




#95
Naphthalene
Concen: 0.471 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016056.D
Acq: 05 May 2020 12:18

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 8097
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 11.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.485 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016056.D
Acq: 05 May 2020 12:18

Tgt Ion:180 Resp: 2515
Ion Ratio Lower Upper
180 100
182 92.4 48.4 145.0
145 35.7 16.4 49.1

