

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050620\
 Data File : VX016079.D
 Acq On : 06 May 2020 13:27
 Operator : JC/SP
 Sample : L2182-09 .75PPB MDL
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 07 07:46:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 07 07:43:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	298559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	476652	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	430513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	206981	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	183410	46.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.36%	
35) Dibromofluoromethane	5.47	113	137963	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	
50) Toluene-d8	8.70	98	545736	46.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.80%	
62) 4-Bromofluorobenzene	11.12	95	196252	44.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	2065	0.653	ug/l	89
3) Chloromethane	1.32	50	2826	0.770	ug/l	99
4) Vinyl Chloride	1.39	62	2770	0.707	ug/l	95
5) Bromomethane	1.64	94	2041	1.034	ug/l	94
6) Chloroethane	1.71	64	1727	0.725	ug/l	99
7) Trichlorofluoromethane	1.92	101	3713	0.722	ug/l	100
8) Diethyl Ether	2.17	74	1929	0.891	ug/l	72
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2321	0.783	ug/l	99
10) Methyl Iodide	2.50	142	2260	0.567	ug/l	93
11) Tert butyl alcohol	3.01	59	3550	3.573	ug/l #	87
12) 1,1-Dichloroethene	2.35	96	2385	0.768	ug/l	98
13) Acrolein	2.28	56	1923	3.093	ug/l	98
14) Allyl chloride	2.71	41	3889	0.683	ug/l	98
15) Acrylonitrile	3.12	53	7271	3.528	ug/l	99
16) Acetone	2.42	43	6928	3.952	ug/l	94
17) Carbon Disulfide	2.55	76	8342	0.790	ug/l	96
18) Methyl Acetate	2.75	43	3334	0.774	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	7616	0.712	ug/l	98
20) Methylene Chloride	2.84	84	2766	0.765	ug/l #	96
21) trans-1,2-Dichloroethene	3.15	96	2880	0.833	ug/l	95
22) Diisopropyl ether	3.83	45	7943	0.740	ug/l	95
23) Vinyl Acetate	3.79	43	28744	3.043	ug/l	100
24) 1,1-Dichloroethane	3.68	63	4307	0.717	ug/l #	94
25) 2-Butanone	4.64	43	10098	3.575	ug/l	100
26) 2,2-Dichloropropane	4.55	77	4000	0.729	ug/l	95
27) cis-1,2-Dichloroethene	4.57	96	3115	0.824	ug/l	87
28) Bromochloromethane	4.98	49	1913	0.699	ug/l #	94
29) Tetrahydrofuran	5.10	42	7013	3.747	ug/l	95
30) Chloroform	5.18	83	4458	0.746	ug/l #	81
31) Cyclohexane	5.56	56	3989	0.731	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	3950	0.727	ug/l #	46
36) 1,1-Dichloropropene	5.78	75	3703	0.789	ug/l #	78
37) Ethyl Acetate	4.81	43	3407	0.627	ug/l #	87
38) Carbon Tetrachloride	5.75	117	3359	0.704	ug/l #	88

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 07 07:43:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.45	83	4011	0.710	ug/l #	93
40) Benzene	6.12	78	9986	0.727	ug/l	91
41) Methacrylonitrile	5.01	41	2308	0.786	ug/l	93
42) 1,2-Dichloroethane	6.17	62	4212	0.852	ug/l	90
43) Isopropyl Acetate	6.41	43	6475	0.746	ug/l	99
44) Trichloroethene	7.19	130	3515	0.721	ug/l	92
45) 1,2-Dichloropropane	7.49	63	2518	0.725	ug/l	98
46) Dibromomethane	7.64	93	1722	0.729	ug/l	96
47) Bromodichloromethane	7.88	83	3248	0.676	ug/l #	96
48) Methyl methacrylate	7.74	41	2932	0.713	ug/l	88
49) 1,4-Dioxane	7.73	88	1171	11.876	ug/l #	57
51) 4-Methyl-2-Pentanone	8.62	43	17183	3.236	ug/l	99
52) Toluene	8.77	92	6072	0.710	ug/l	96
53) t-1,3-Dichloropropene	9.02	75	3772	0.658	ug/l #	88
54) cis-1,3-Dichloropropene	8.41	75	4144	0.692	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	2406	0.715	ug/l	92
56) Ethyl methacrylate	9.16	69	3448	0.627	ug/l	96
57) 1,3-Dichloropropane	9.35	76	4116	0.701	ug/l #	86
58) 2-Chloroethyl Vinyl ether	8.29	63	9303	3.180	ug/l	98
59) 2-Hexanone	9.48	43	12026	2.884	ug/l	92
60) Dibromochloromethane	9.57	129	2281	0.615	ug/l	98
61) 1,2-Dibromoethane	9.66	107	2463	0.675	ug/l	99
64) Tetrachloroethene	9.32	164	4104	0.777	ug/l	91
65) Chlorobenzene	10.12	112	6369	0.707	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	2388	0.717	ug/l #	62
67) Ethyl Benzene	10.24	91	11219	0.698	ug/l	95
68) m/p-Xylenes	10.34	106	8255	1.370	ug/l	99
69) o-Xylene	10.68	106	3682	0.636	ug/l	90
70) Styrene	10.69	104	6375	0.649	ug/l	96
71) Bromoform	10.84	173	1632	0.601	ug/l #	93
73) Isopropylbenzene	11.01	105	10202	0.678	ug/l	99
74) N-amyl acetate	10.88	43	4535	0.646	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	1677	0.632	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	4295	0.914	ug/l	92
77) Bromobenzene	11.24	156	2948	0.759	ug/l	95
78) n-propylbenzene	11.34	91	12337	0.704	ug/l	97
79) 2-Chlorotoluene	11.41	91	7377	0.714	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	8536	0.672	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.12	75	99939	50.707	ug/l #	13
82) 4-Chlorotoluene	11.50	91	8953	0.733	ug/l	97
83) tert-Butylbenzene	11.76	119	7531	0.687	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	8612	0.670	ug/l	100
85) sec-Butylbenzene	11.93	105	9539	0.645	ug/l	96
86) p-Isopropyltoluene	12.05	119	8969	0.653	ug/l	92
87) 1,3-Dichlorobenzene	12.01	146	4811	0.690	ug/l	94
88) 1,4-Dichlorobenzene	12.01	146	4811	0.679	ug/l	93
89) n-Butylbenzene	12.37	91	8392	0.669	ug/l	97
90) Hexachloroethane	12.58	117	1409	0.597	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	4870	0.725	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	858	0.693	ug/l	94

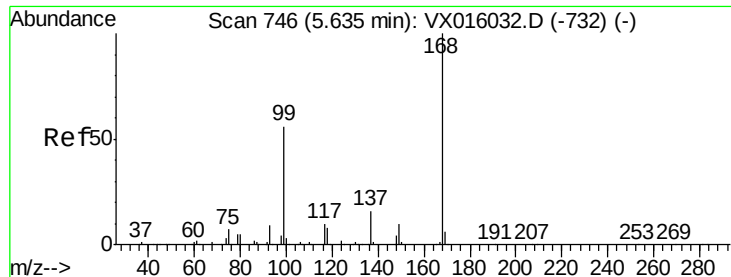
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	3696	0.743	ug/l	97
94) Hexachlorobutadiene	13.77	225	1566	0.681	ug/l	99
95) Naphthalene	13.82	128	10900	0.677	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	3650	0.751	ug/l	93

(#) = 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: VX016079.D

Acq: 06 May 2020 13:27

Instrument :

MSVOA_X

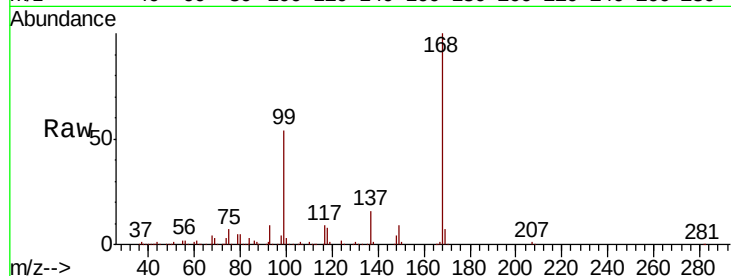
ClientSampleId :

Tot Ion:168 Resp: 298559

Ion Ratio Lower Upper

168 100

99 54.5 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

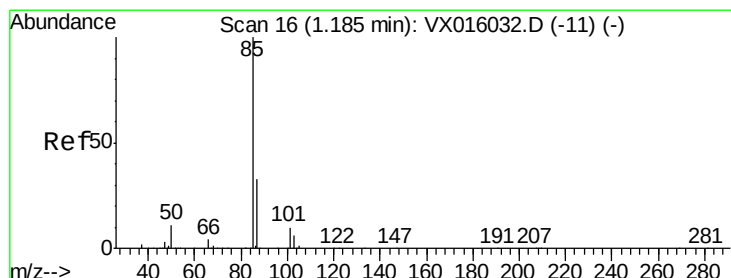
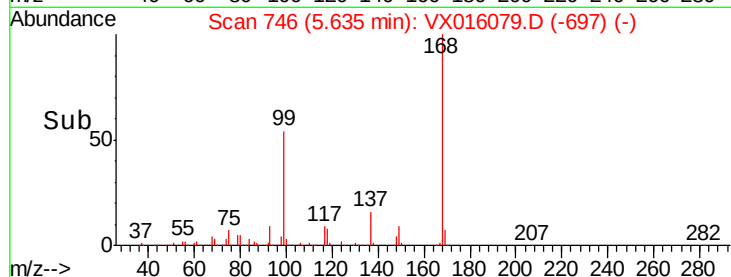
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.653 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016079.D

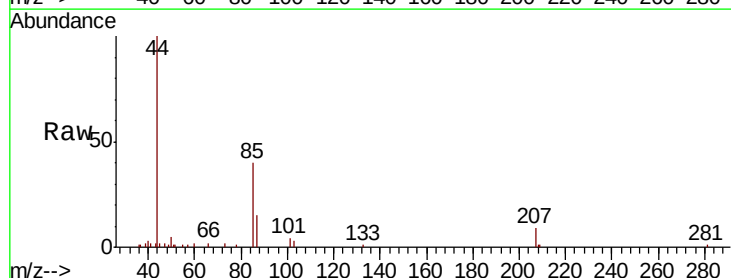
Acq: 06 May 2020 13:27

Tgt Ion: 85 Resp: 2065

Ion Ratio Lower Upper

85 100

87 38.7 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

2500

2000

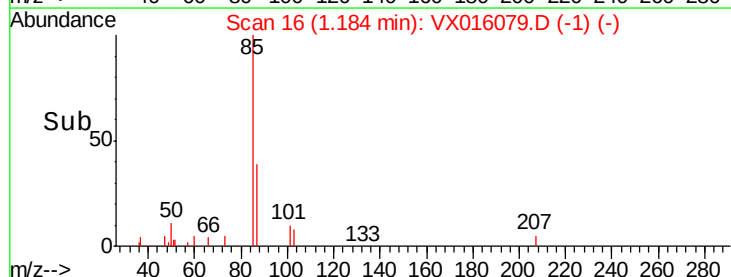
1500

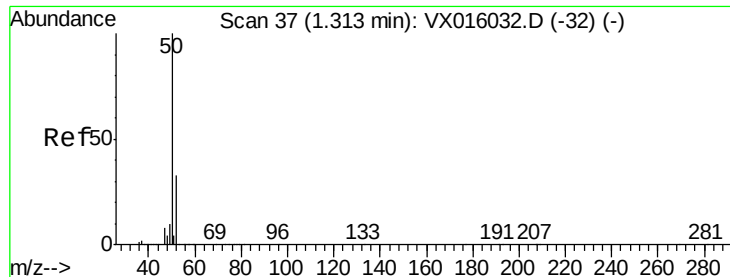
1000

500

0

Time-->





#3

Chloromethane

Concen: 0.770 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

Instrument :

MSVOA_X

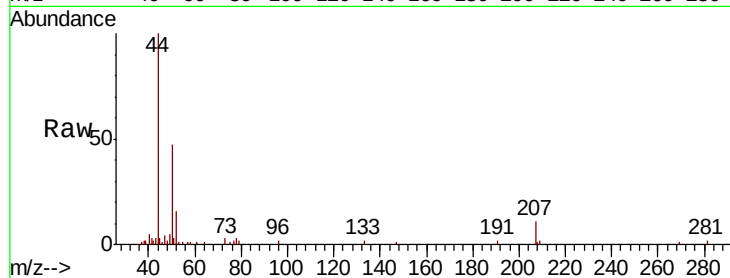
ClientSampleId :

Tot Ion: 50 Resp: 2826

Ion Ratio Lower Upper

50 100

52 33.1 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

2500

2000

1500

1000

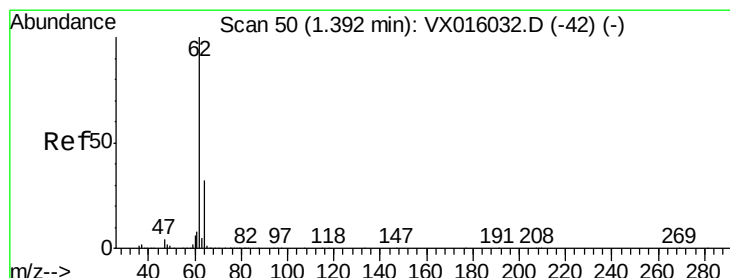
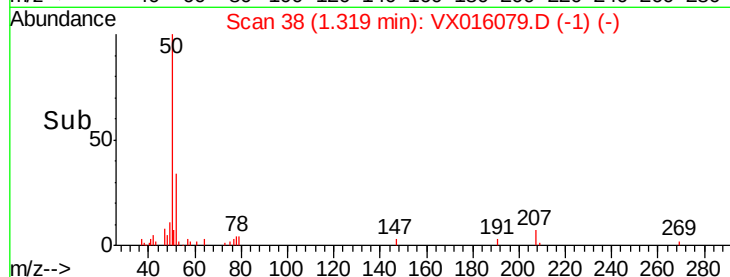
500

0

1.30

1.35

Time-->



#4

Vinyl Chloride

Concen: 0.707 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016079.D

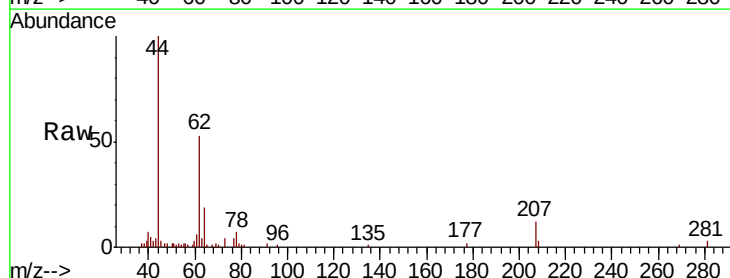
Acq: 06 May 2020 13:27

Tgt Ion: 62 Resp: 2770

Ion Ratio Lower Upper

62 100

64 35.1 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

3000

2500

2000

1500

1000

500

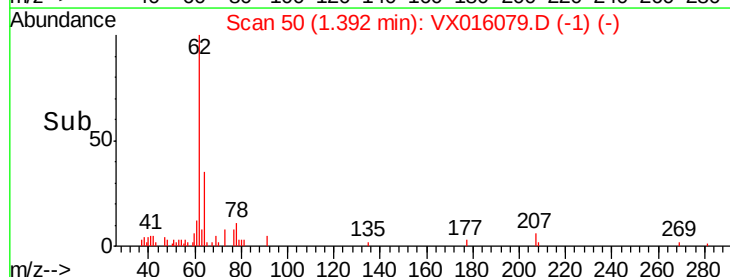
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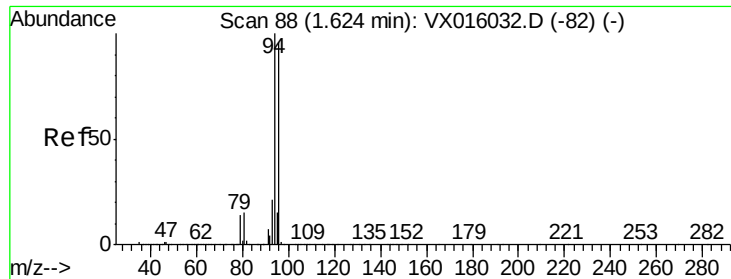
1.35

1.40

1.45

Time-->





#5

Bromomethane

Concen: 1.034 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

Instrument :

MSVOA_X

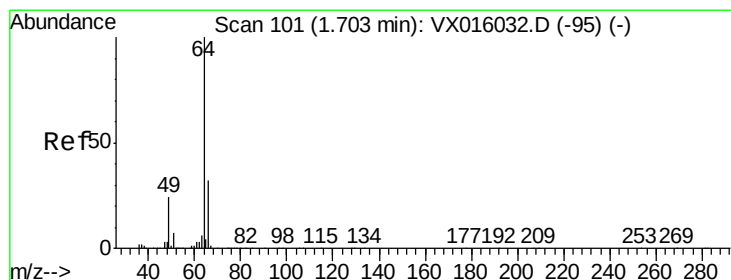
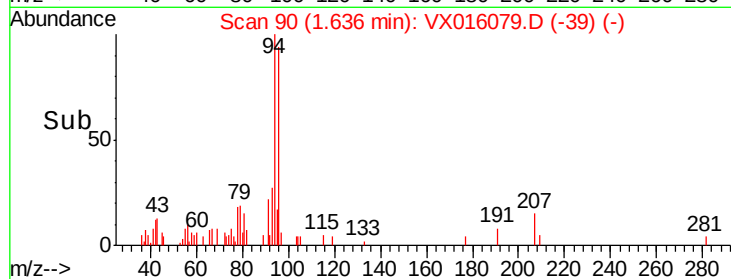
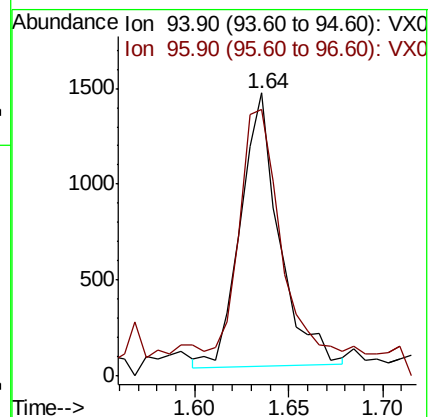
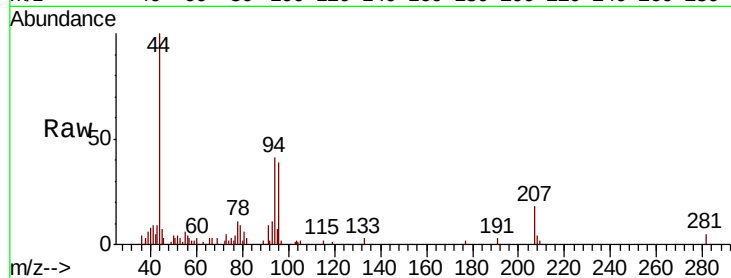
ClientSampleId :

Tot Ion: 94 Resp: 2041

Ion Ratio Lower Upper

94 100

96 90.7 76.9 115.3



#6

Chloroethane

Concen: 0.725 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016079.D

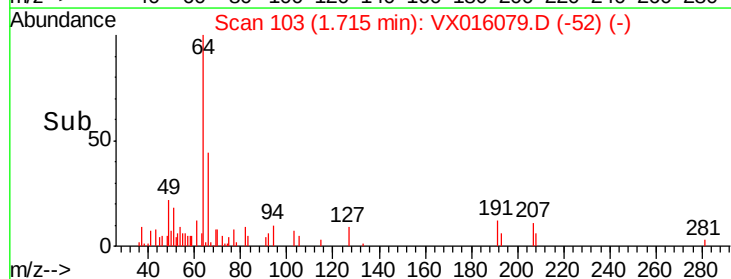
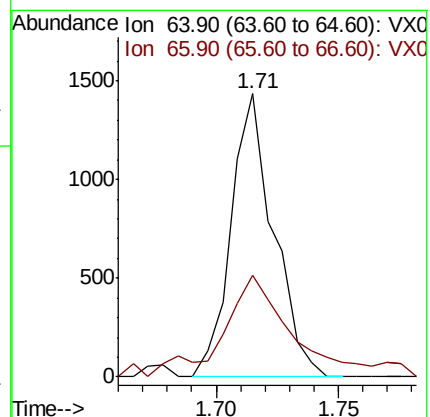
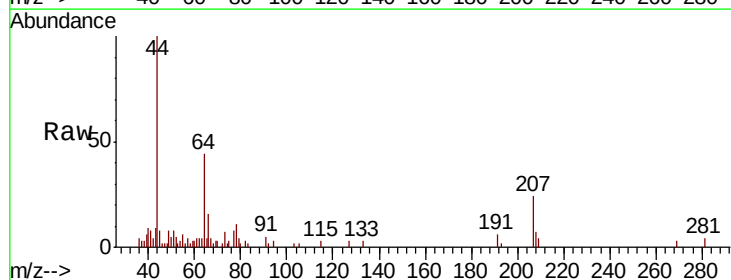
Acq: 06 May 2020 13:27

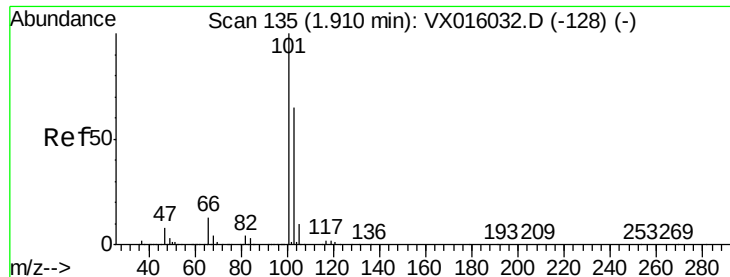
Tgt Ion: 64 Resp: 1727

Ion Ratio Lower Upper

64 100

66 30.8 25.2 37.8



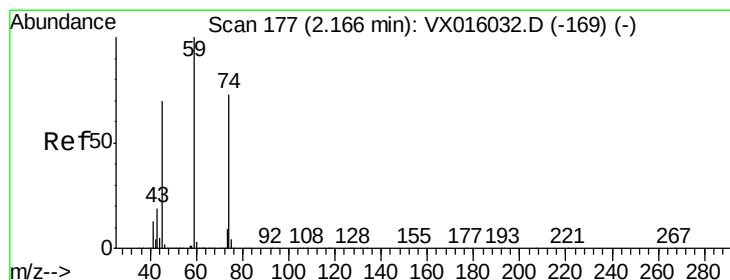
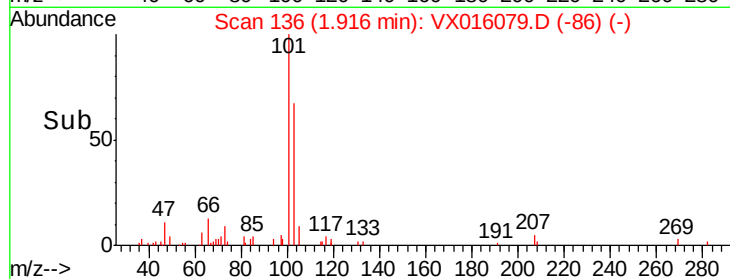
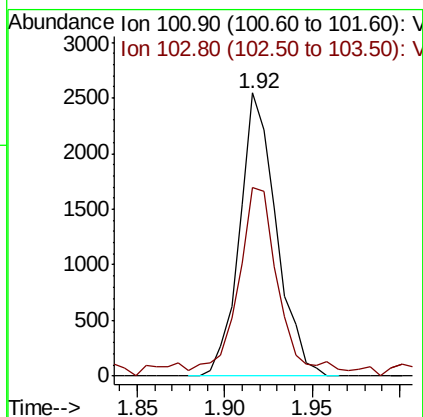
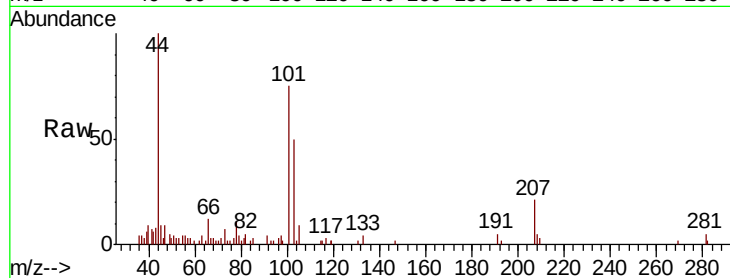


#7

Trichlorofluoromethane
Concen: 0.722 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016079.D
Acq: 06 May 2020 13:27

Instrument :
MSVOA_X
ClientSampleId :

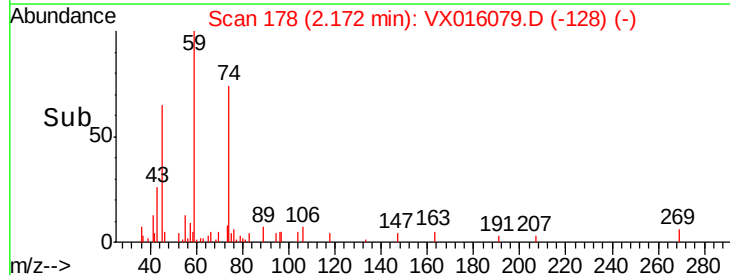
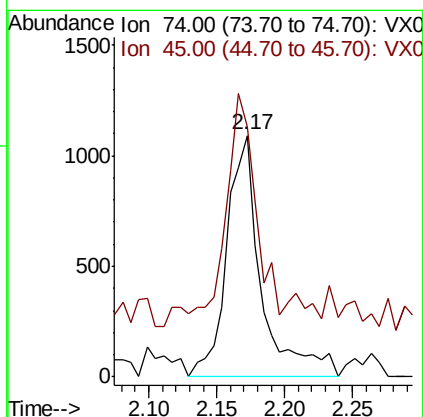
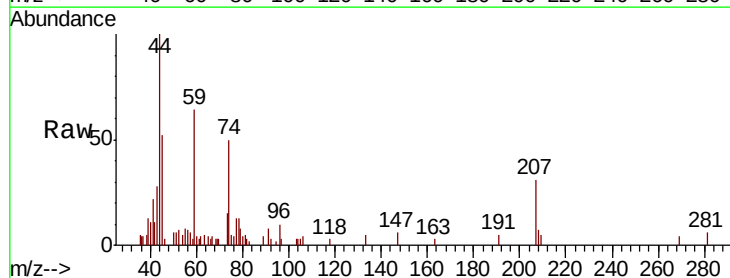
Tot Ion:101 Resp: 3713
Ion Ratio Lower Upper
101 100
103 64.5 51.8 77.6

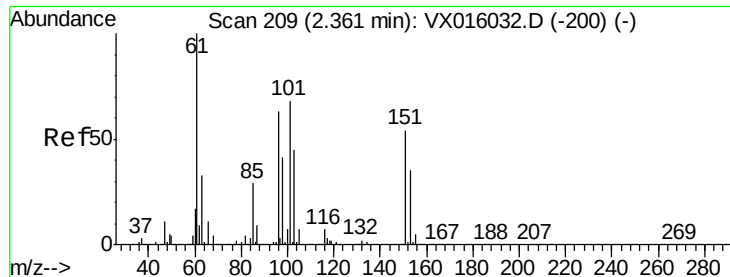


#8

Diethyl Ether
Concen: 0.891 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX016079.D
Acq: 06 May 2020 13:27

Tgt Ion: 74 Resp: 1929
Ion Ratio Lower Upper
74 100
45 67.7 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.783 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

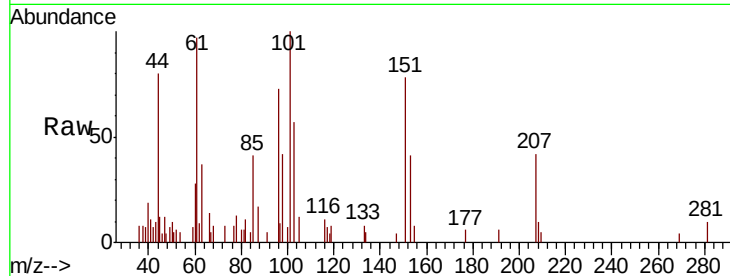
Tot Ion:101 Resp: 2321

Ion Ratio Lower Upper

101 100

85 43.3 34.2 51.4

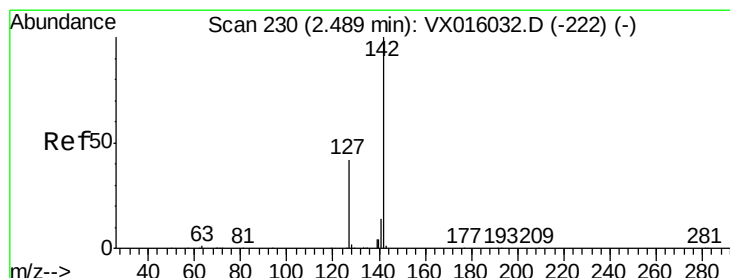
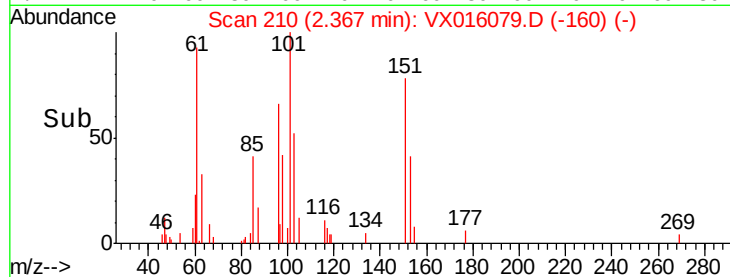
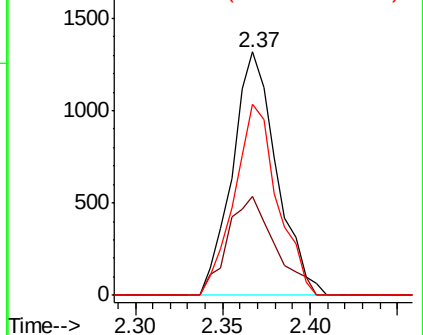
151 76.1 62.1 93.1



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: 0.567 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

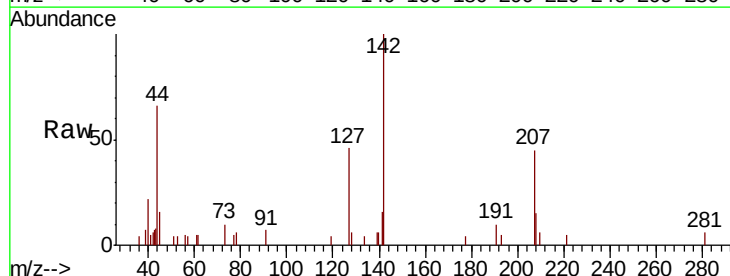
Tgt Ion:142 Resp: 2260

Ion Ratio Lower Upper

142 100

127 48.5 34.6 52.0

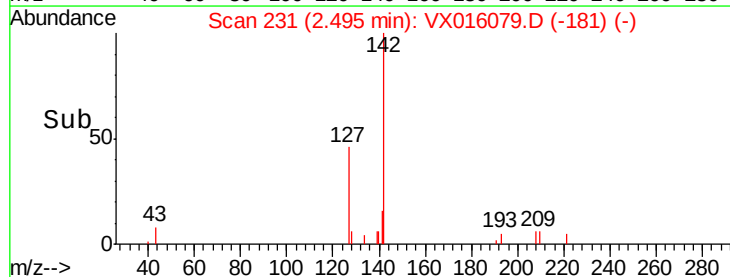
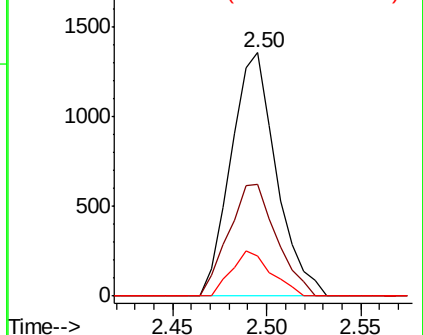
141 16.4 11.3 16.9

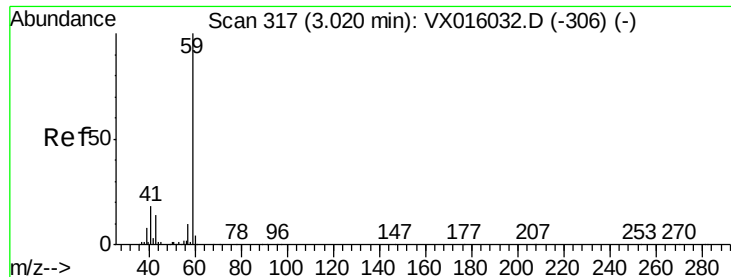


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 3.573 ug/l

RT: 3.01 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

Instrument :

MSVOA_X

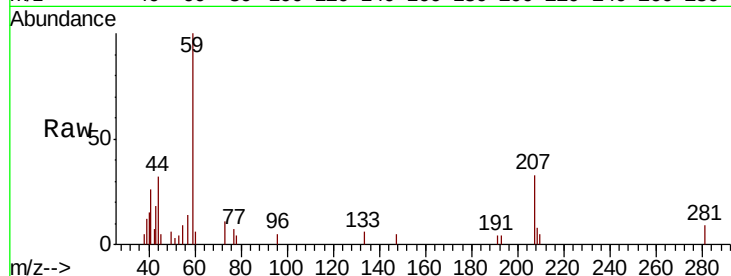
ClientSampleId :

Tot Ion: 59 Resp: 3550

Ion Ratio Lower Upper

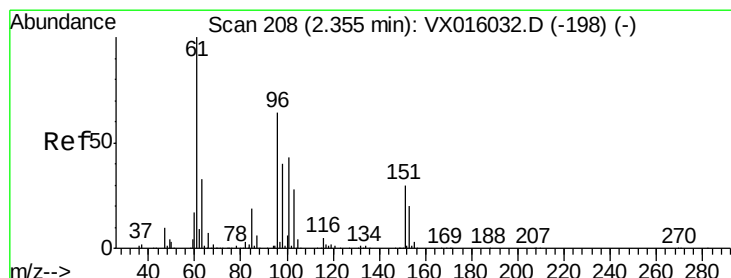
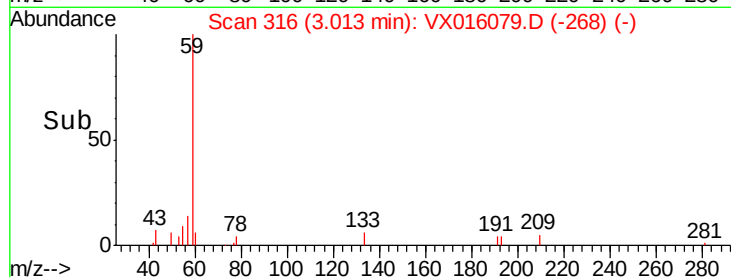
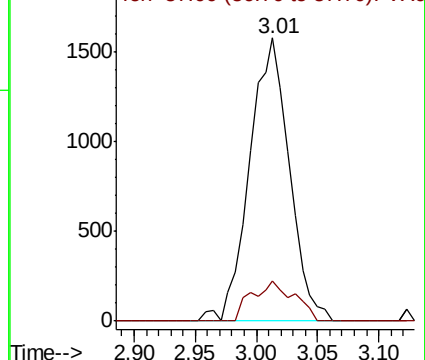
59 100

57 15.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 0.768 ug/l

RT: 2.35 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

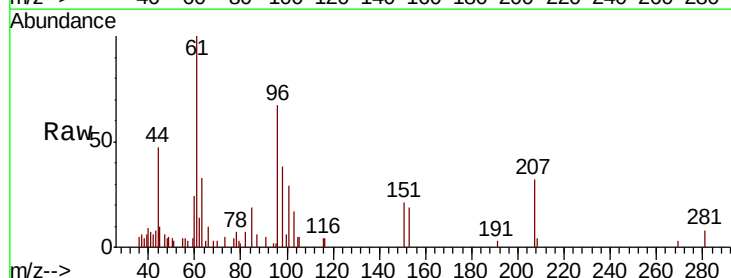
Tgt Ion: 96 Resp: 2385

Ion Ratio Lower Upper

96 100

61 155.0 124.8 187.2

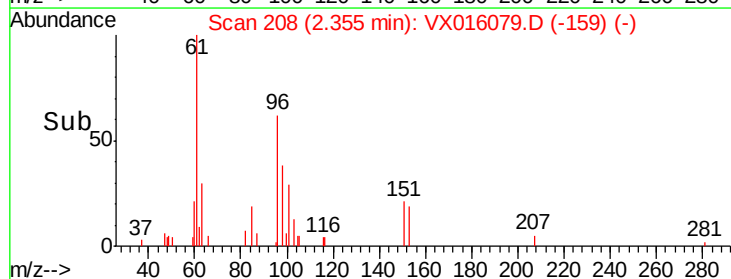
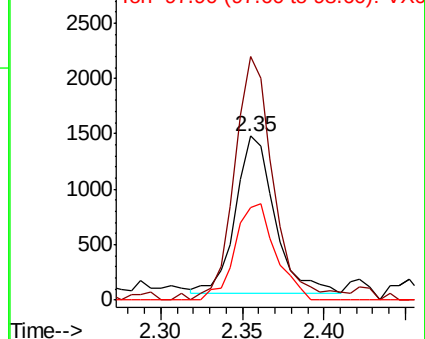
98 59.0 49.7 74.5

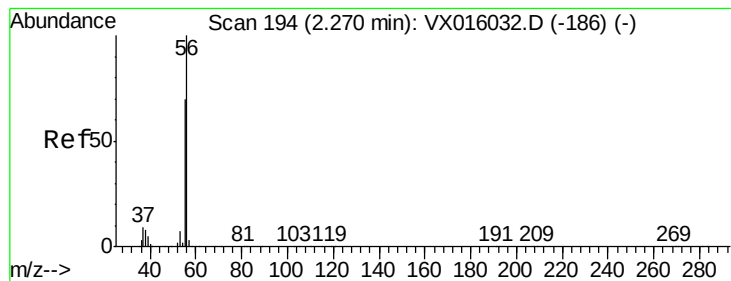


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 3.093 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

Instrument :

MSVOA_X

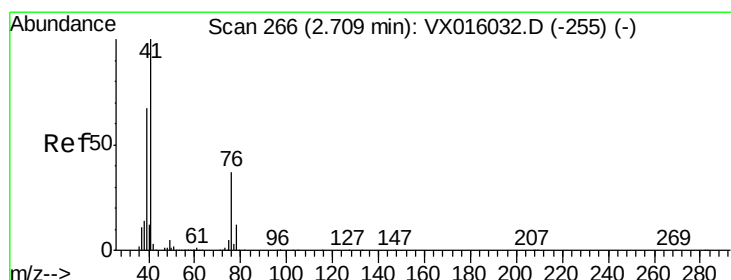
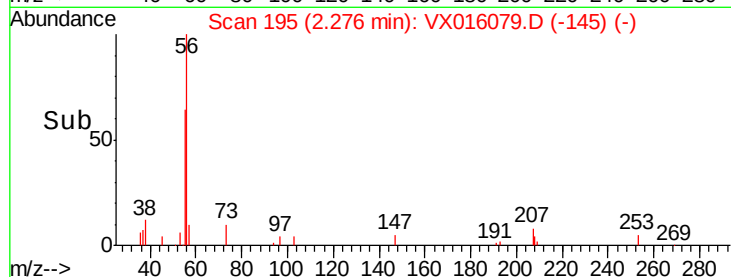
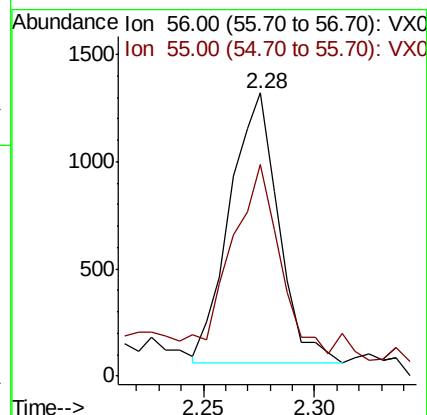
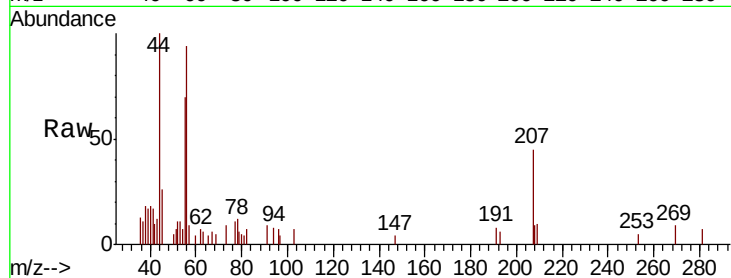
ClientSampled :

Tot Ion: 56 Resp: 1923

Ion Ratio Lower Upper

56 100

55 69.2 56.5 84.7



#14

Allyl chloride

Concen: 0.683 ug/l

RT: 2.71 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

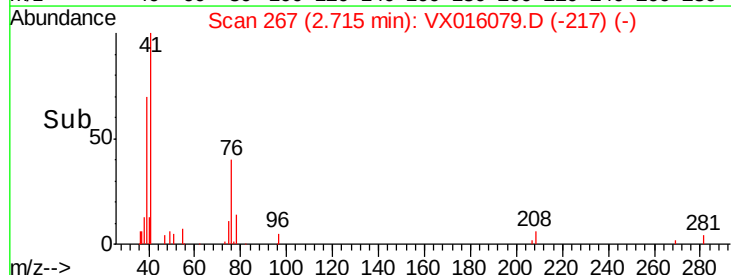
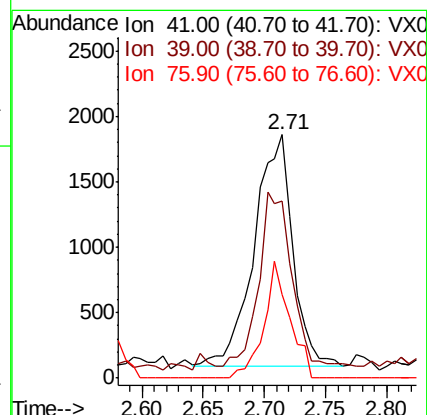
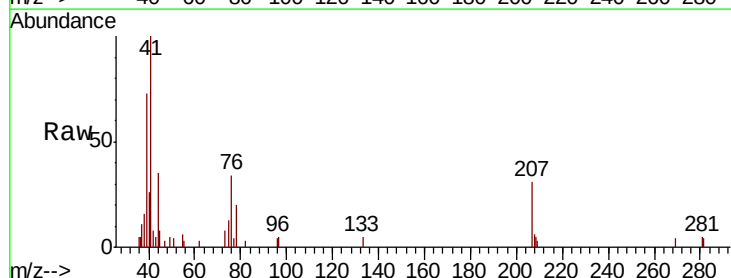
Tgt Ion: 41 Resp: 3889

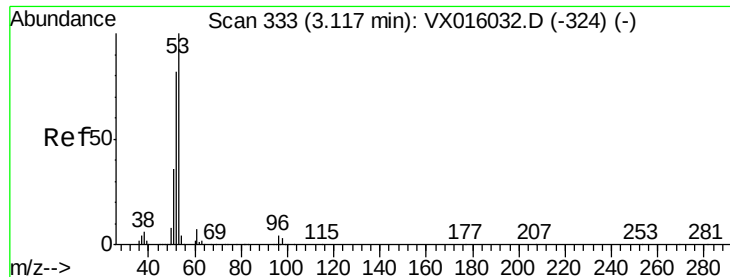
Ion Ratio Lower Upper

41 100

39 65.5 50.5 75.7

76 33.8 26.6 40.0

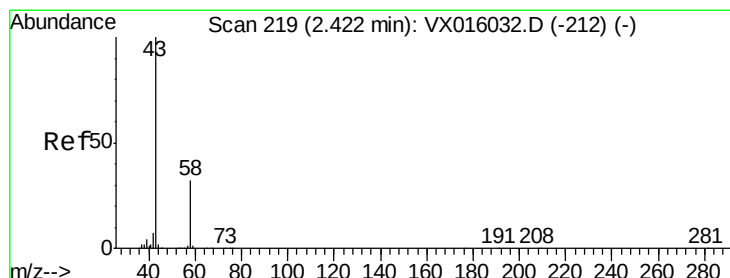
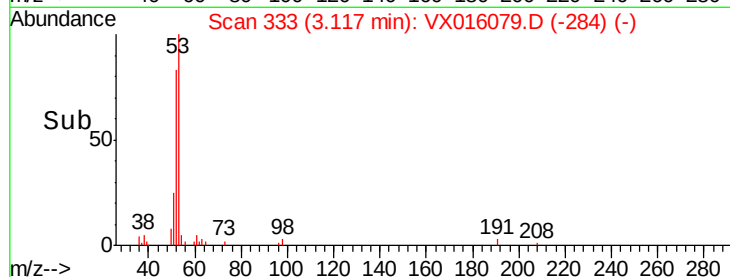
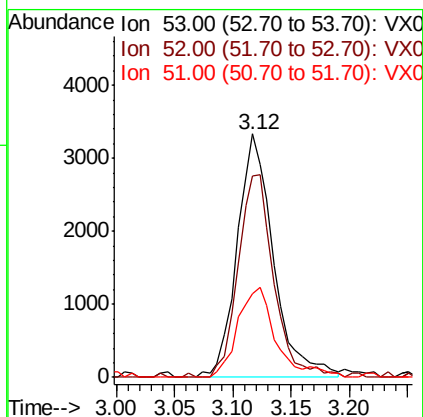
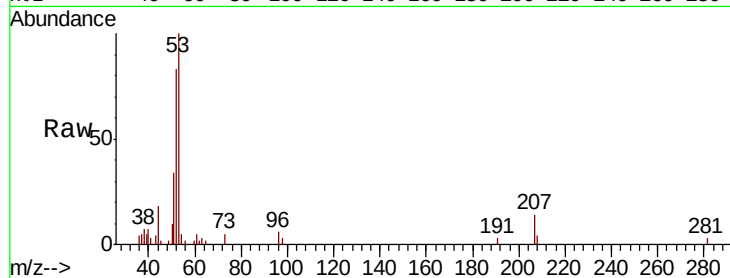




#15
 Acrylonitrile
 Concen: 3.528 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016079.D
 Acq: 06 May 2020 13:27

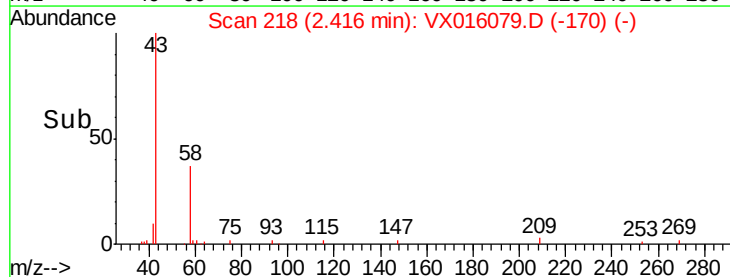
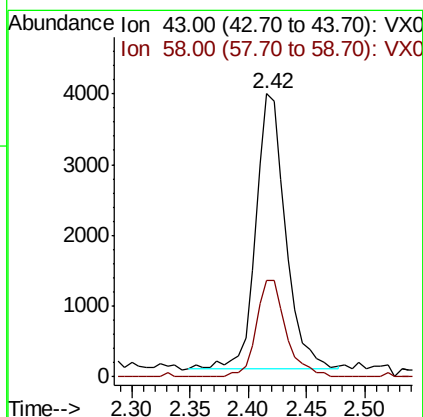
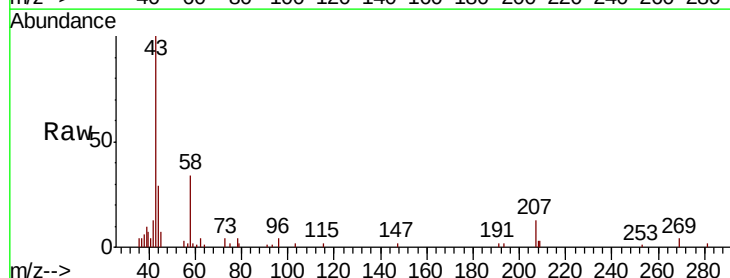
Instrument :
 MSVOA_X
 ClientSampleId :

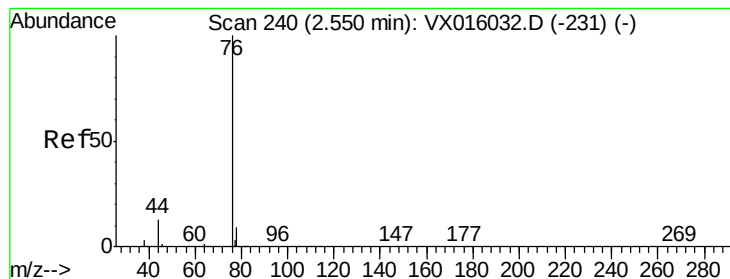
Tot Ion: 53 Resp: 7271
 Ion Ratio Lower Upper
 53 100
 52 81.3 66.1 99.1
 51 36.5 28.8 43.2



#16
 Acetone
 Concen: 3.952 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX016079.D
 Acq: 06 May 2020 13:27

Tgt Ion: 43 Resp: 6928
 Ion Ratio Lower Upper
 43 100
 58 35.0 25.4 38.0





#17

Carbon Disulfide

Concen: 0.790 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

Instrument :

MSVOA_X

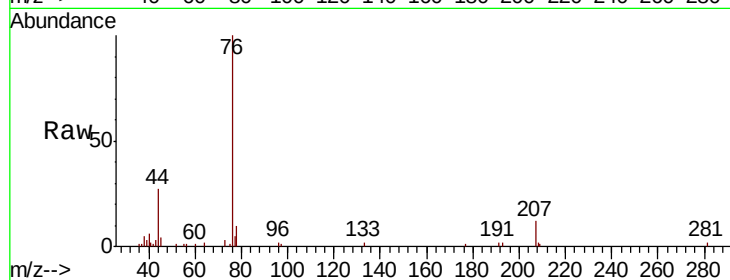
ClientSampleId :

Tot Ion: 76 Resp: 8342

Ion Ratio Lower Upper

76 100

78 8.0 7.5 11.3

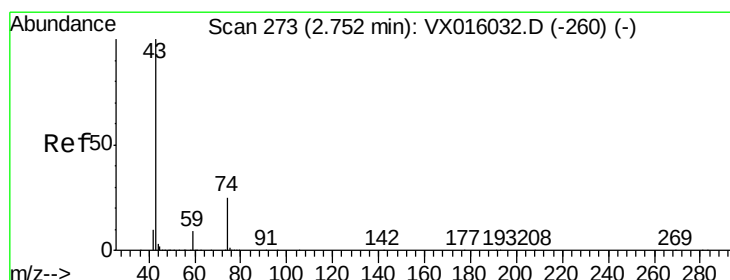
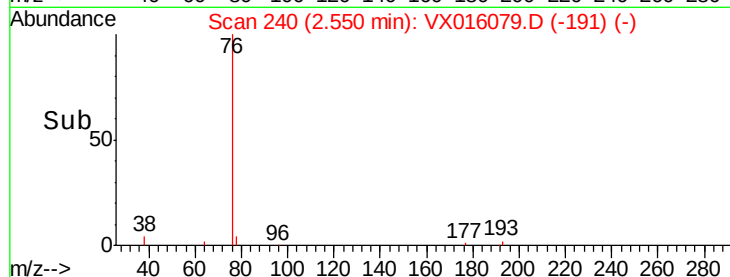


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

Time-->



#18

Methyl Acetate

Concen: 0.774 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016079.D

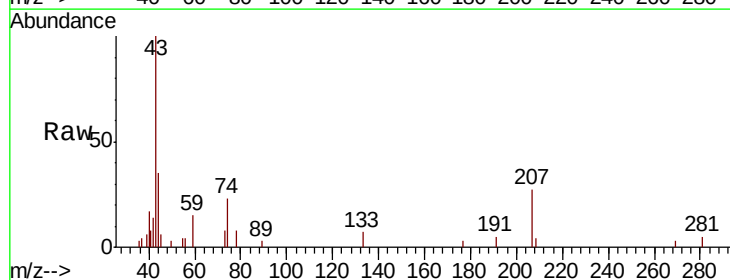
Acq: 06 May 2020 13:27

Tgt Ion: 43 Resp: 3334

Ion Ratio Lower Upper

43 100

74 26.8 20.2 30.2

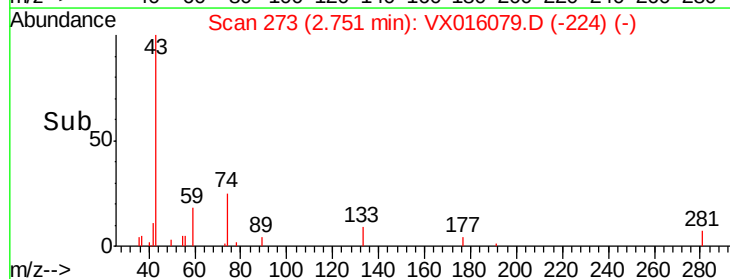


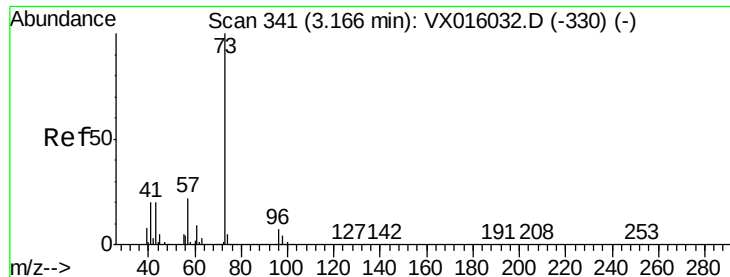
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

Time-->



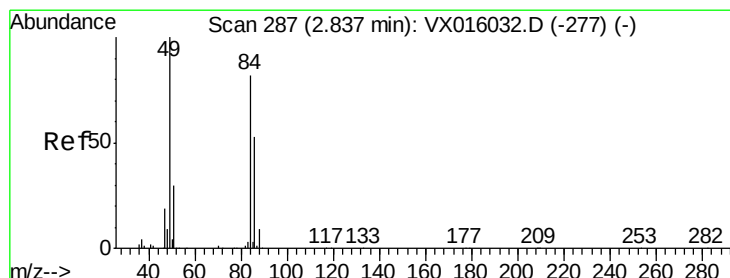
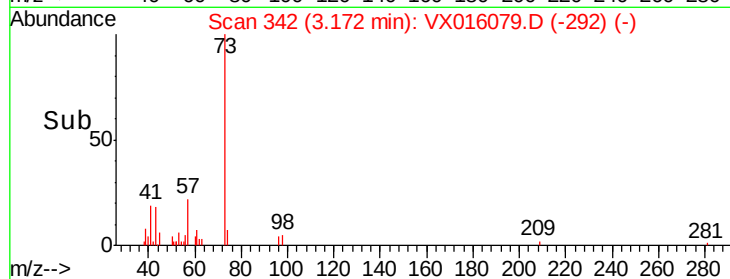
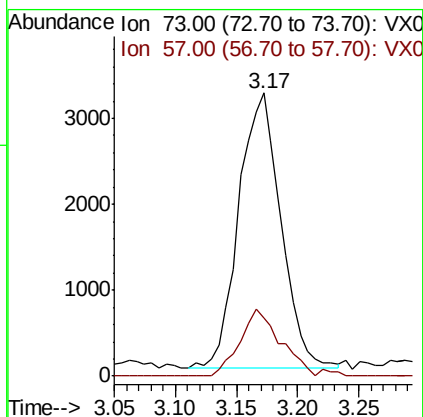
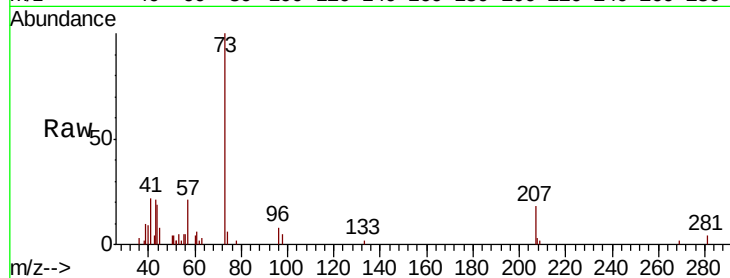


#19

Methyl tert-butyl Ether
 Concen: 0.712 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX016079.D
 Acq: 06 May 2020 13:27

Instrument :
 MSVOA_X
 ClientSampleId :

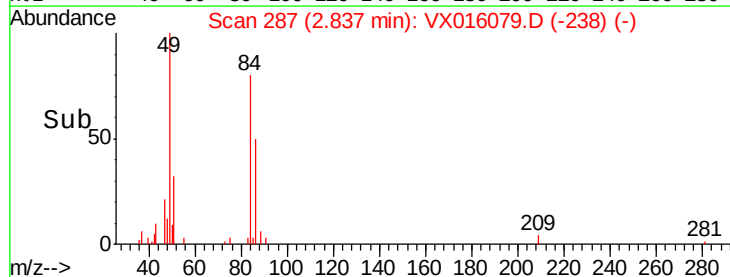
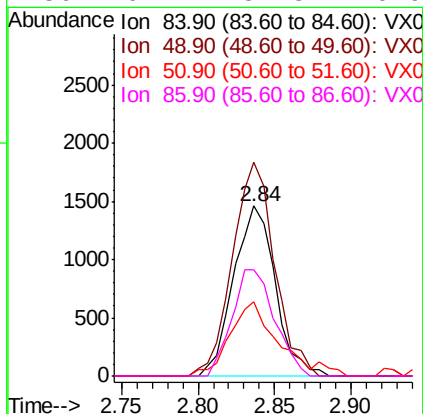
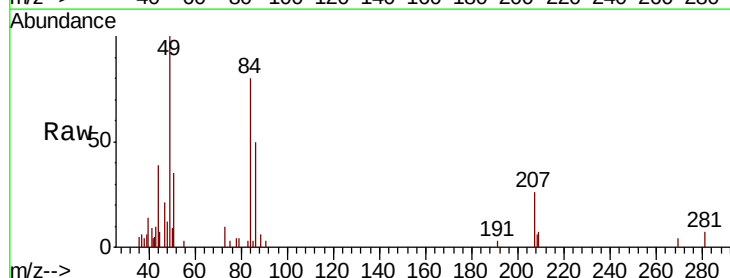
Tot Ion: 73 Resp: 7616
 Ion Ratio Lower Upper
 73 100
 57 21.4 17.8 26.6

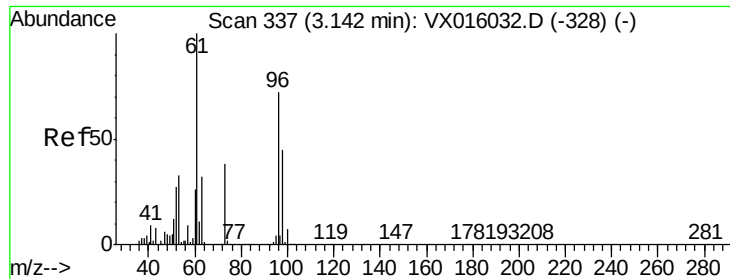


#20

Methylene Chloride
 Concen: 0.765 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX016079.D
 Acq: 06 May 2020 13:27

Tgt Ion: 84 Resp: 2766
 Ion Ratio Lower Upper
 84 100
 49 125.5 97.3 145.9
 51 44.0 29.3 43.9#
 86 62.7 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 0.833 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

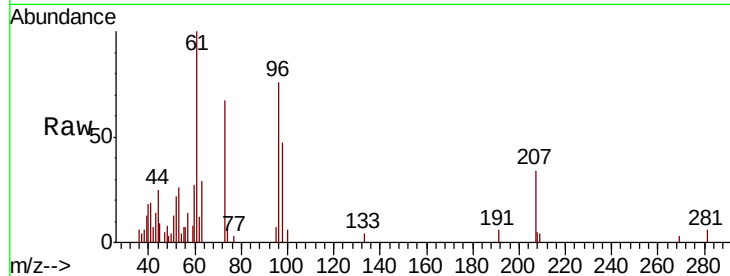
Tot Ion: 96 Resp: 2880

Ion Ratio Lower Upper

96 100

61 130.9 111.2 166.8

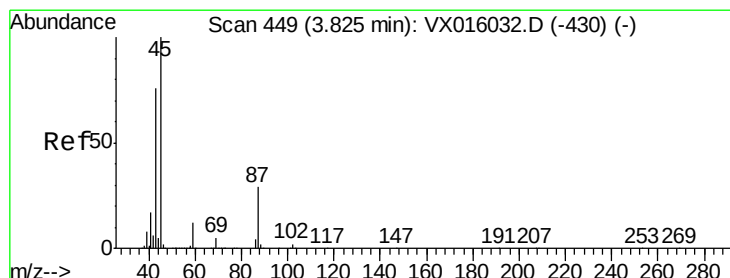
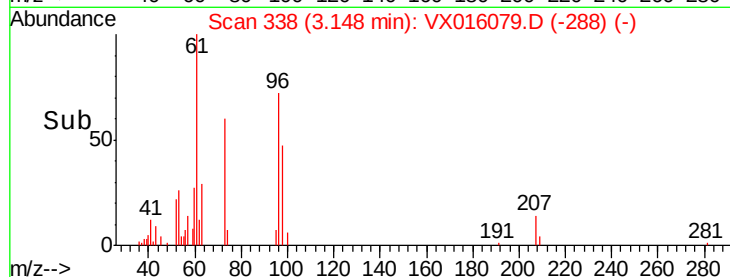
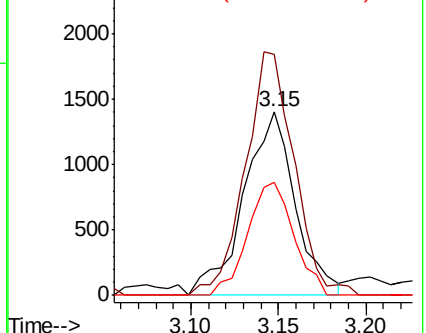
98 61.1 50.2 75.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 0.740 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

Tgt Ion: 45 Resp: 7943

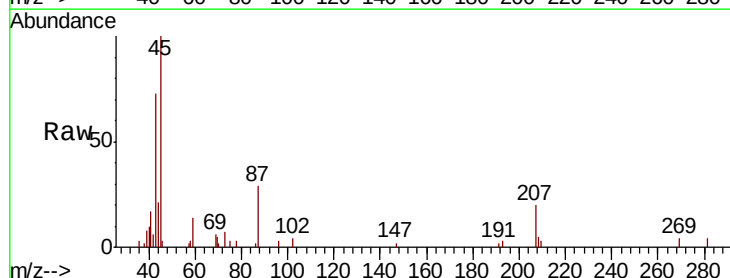
Ion Ratio Lower Upper

45 100

43 70.8 61.1 91.7

87 29.0 23.0 34.6

59 13.8 9.8 14.6

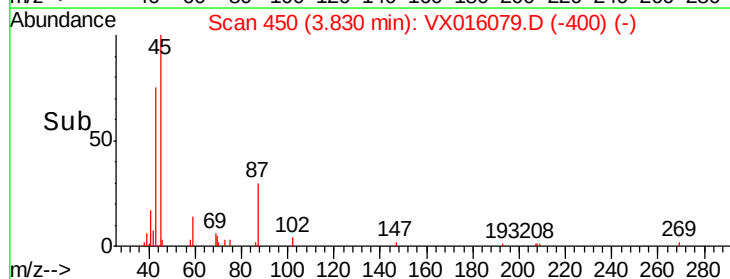
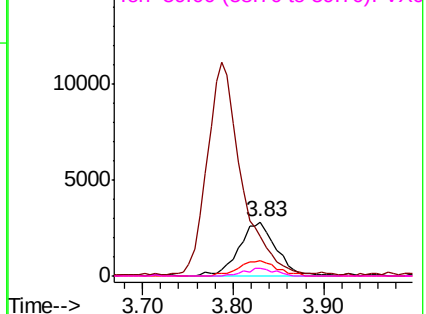


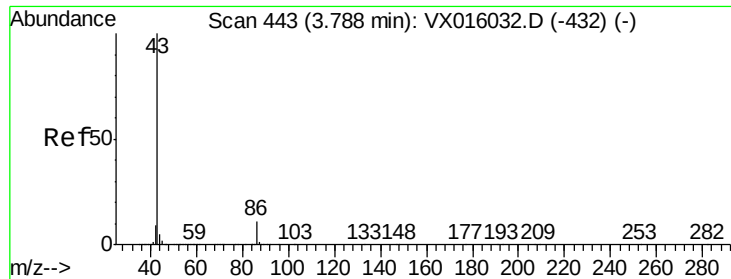
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 3.043 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

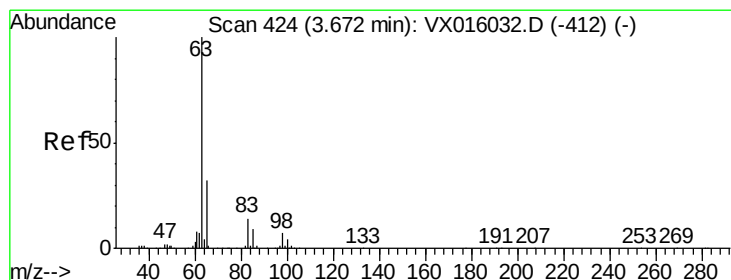
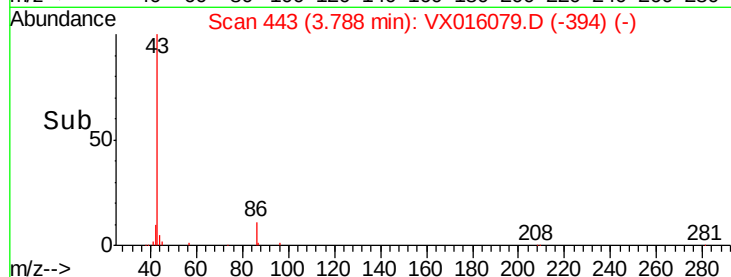
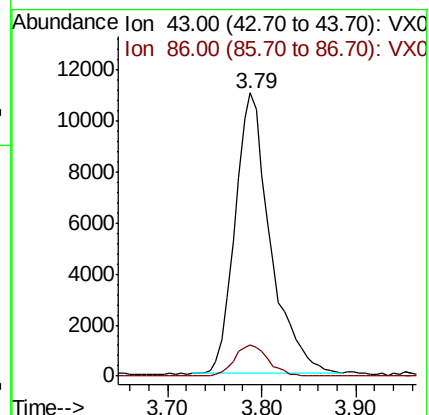
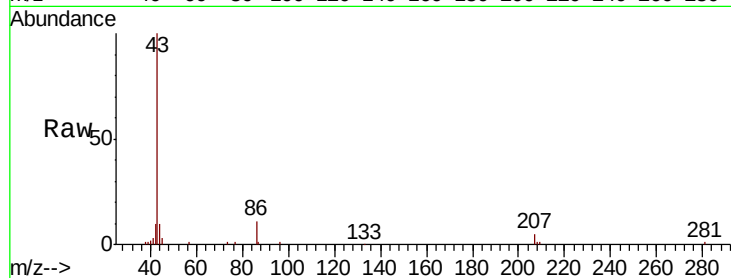
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 28744

Ion Ratio Lower Upper

43 100

86 11.1 9.0 13.4



#24

1,1-Dichloroethane

Concen: 0.717 ug/l

RT: 3.68 min Scan# 425

Delta R.T. 0.01 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

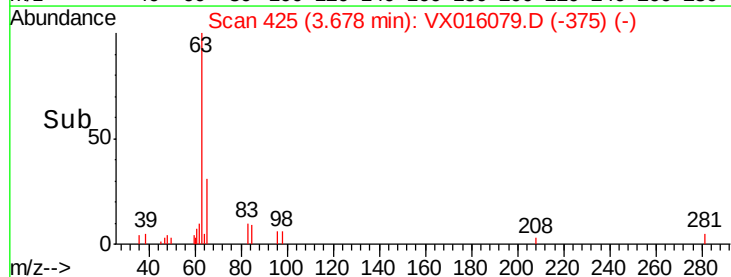
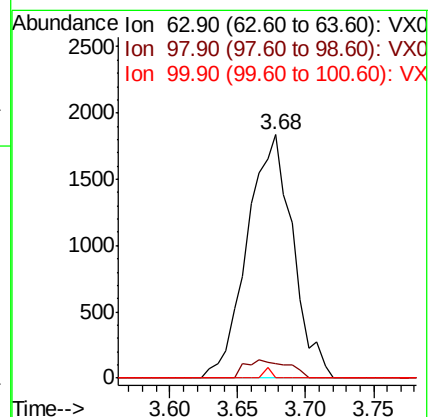
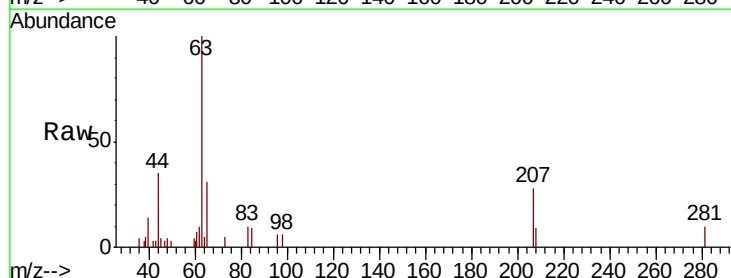
Tgt Ion: 63 Resp: 4307

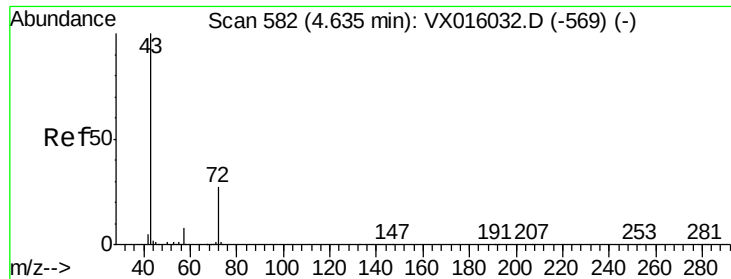
Ion Ratio Lower Upper

63 100

98 6.2 3.5 10.5

100 0.0 2.1 6.5#





#25

2-Butanone

Concen: 3.575 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

Instrument :

MSVOA_X

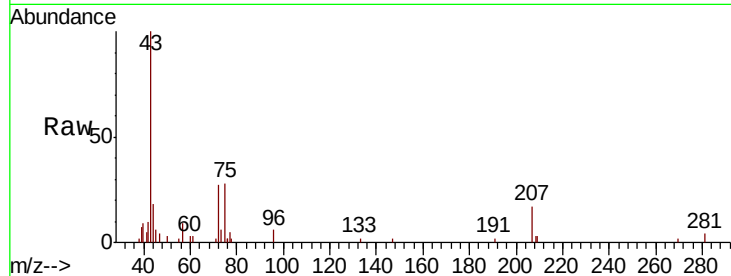
ClientSampleId :

Tot Ion: 43 Resp: 10098

Ion Ratio Lower Upper

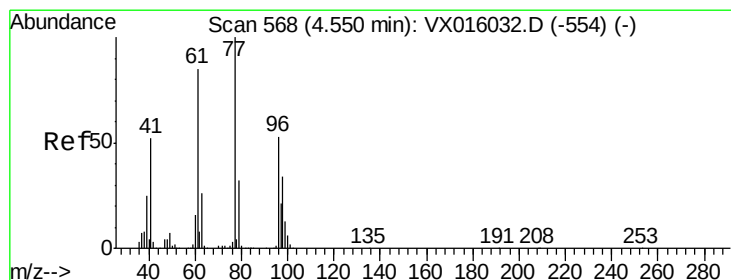
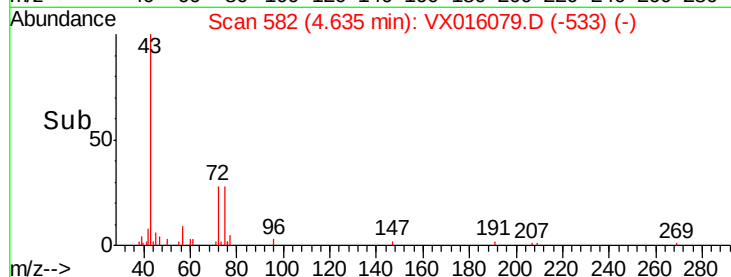
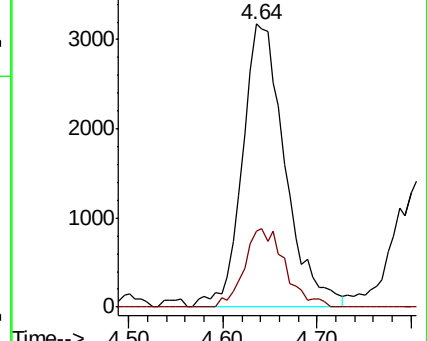
43 100

72 27.1 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: 0.729 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016079.D

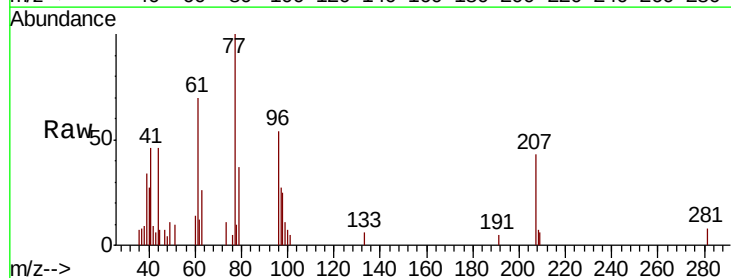
Acq: 06 May 2020 13:27

Tgt Ion: 77 Resp: 4000

Ion Ratio Lower Upper

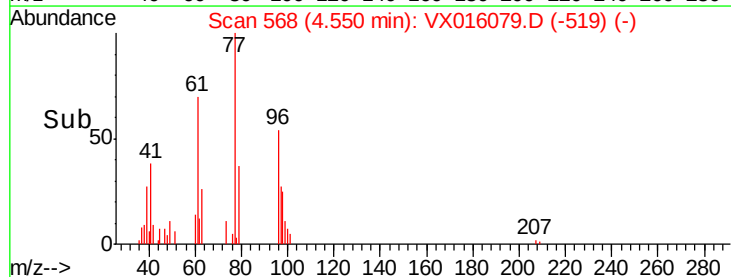
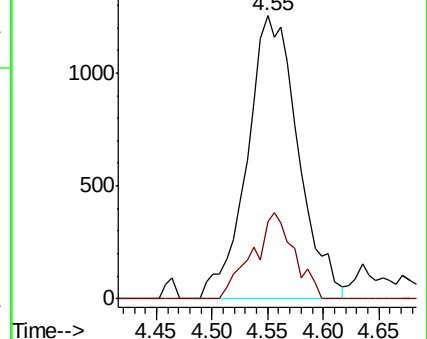
77 100

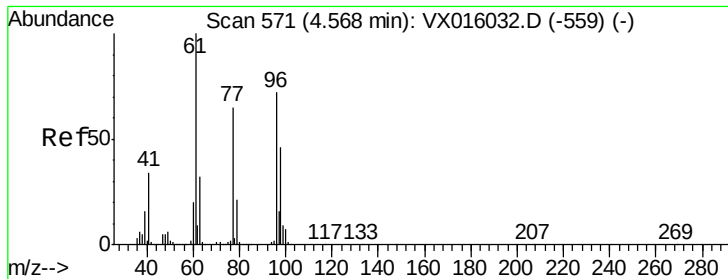
97 24.7 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



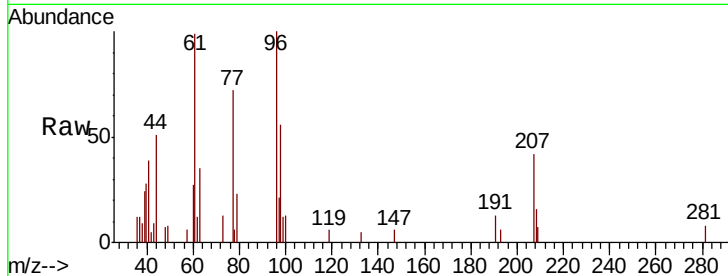


#27

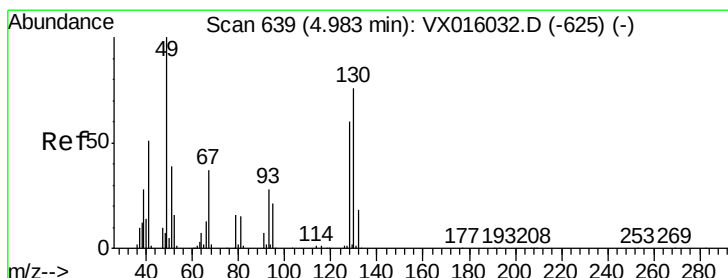
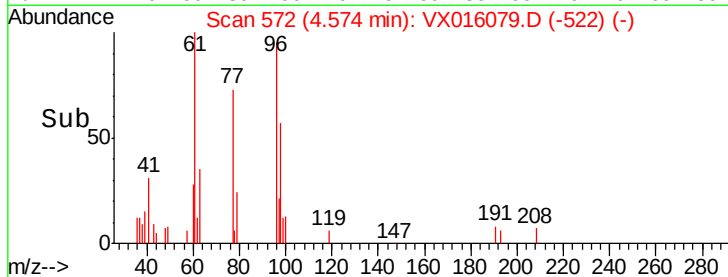
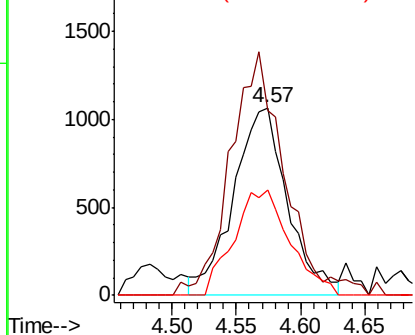
cis-1,2-Dichloroethene
Concen: 0.824 ug/l
RT: 4.57 min Scan# 572
Delta R.T. 0.01 min
Lab File: VX016079.D
Acq: 06 May 2020 13:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 3115
Ion Ratio Lower Upper
96 100
61 129.5 0.0 296.2
98 58.2 0.0 129.4



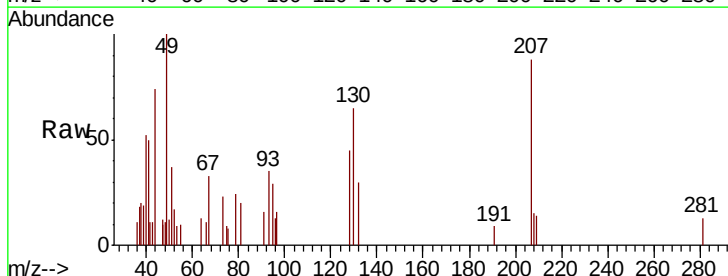
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



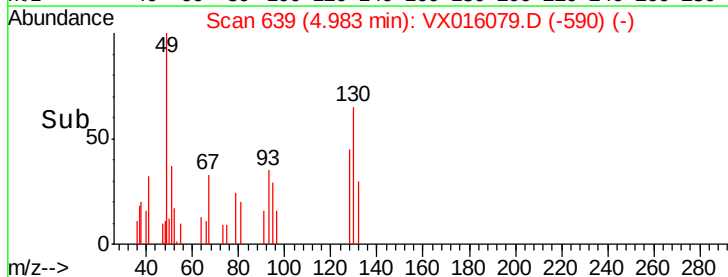
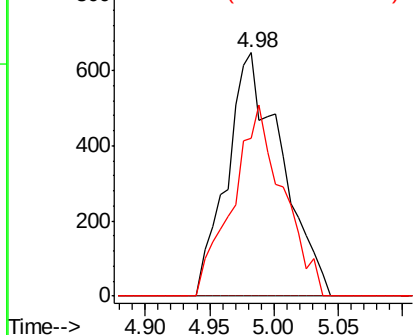
#28

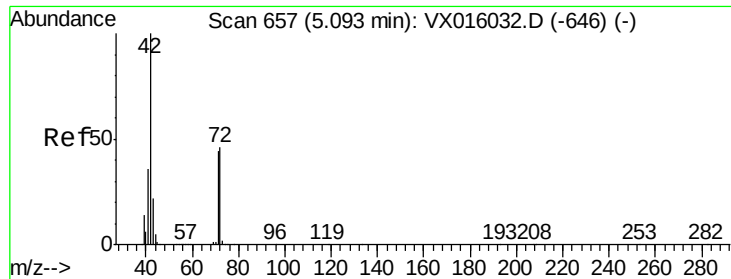
Bromochloromethane
Concen: 0.699 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016079.D
Acq: 06 May 2020 13:27

Tgt Ion: 49 Resp: 1913
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 72.3 62.4 93.6



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

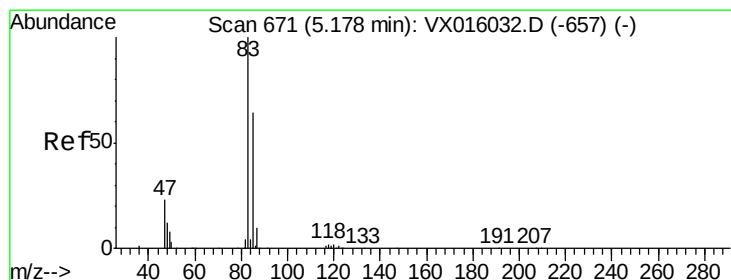
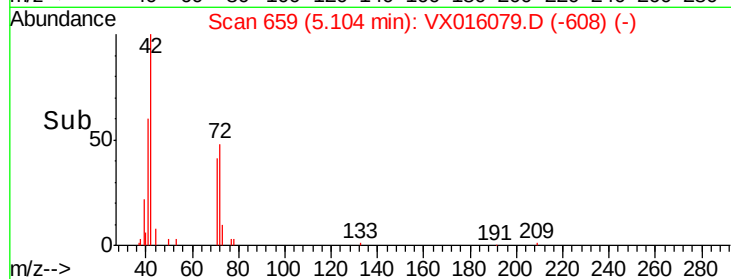
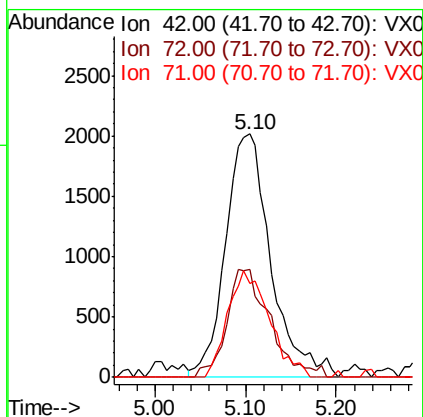
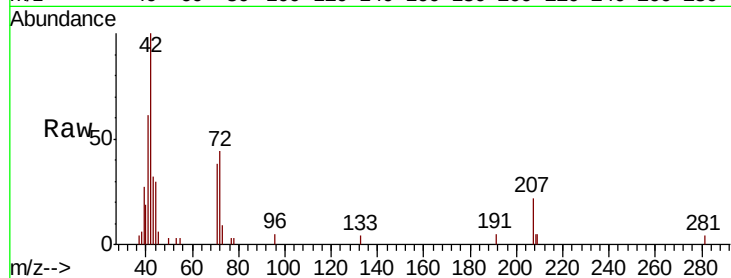




#29
Tetrahydrofuran
Concen: 3.747 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX016079.D
Acq: 06 May 2020 13:27

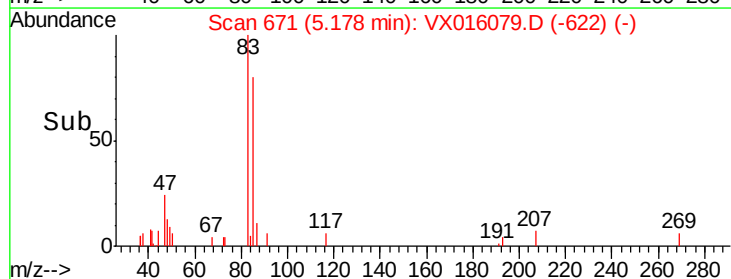
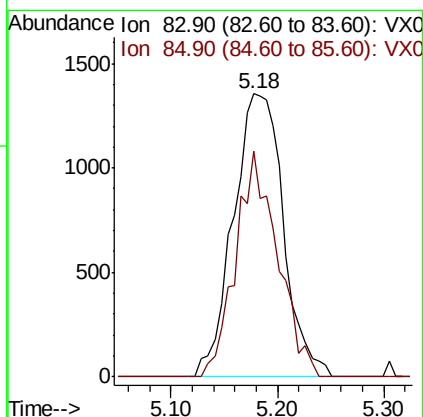
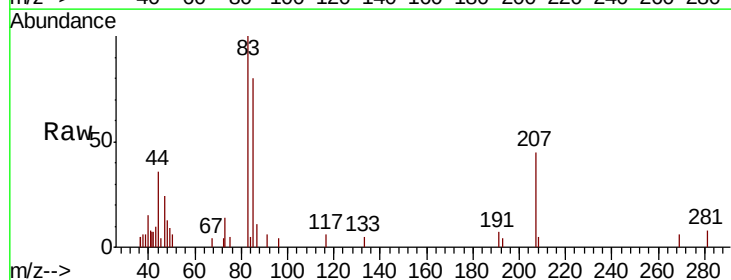
Instrument :
MSVOA_X
ClientSampled :

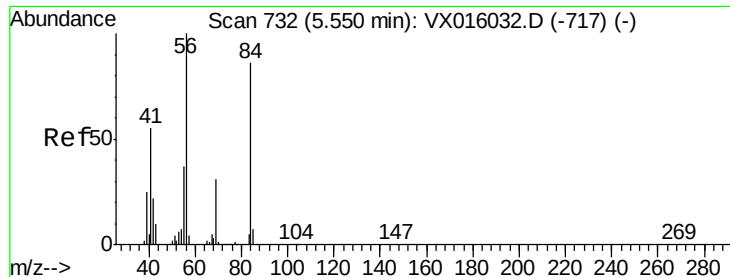
Tot Ion: 42 Resp: 7013
Ion Ratio Lower Upper
42 100
72 42.3 37.1 55.7
71 40.1 34.5 51.7



#30
Chloroform
Concen: 0.746 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016079.D
Acq: 06 May 2020 13:27

Tgt Ion: 83 Resp: 4458
Ion Ratio Lower Upper
83 100
85 79.6 51.6 77.4#

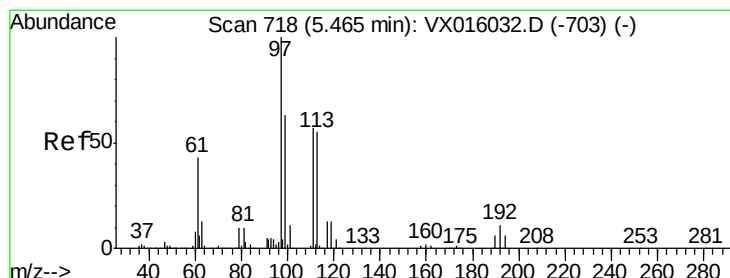
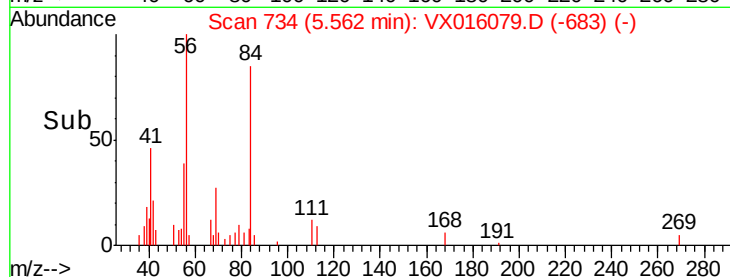
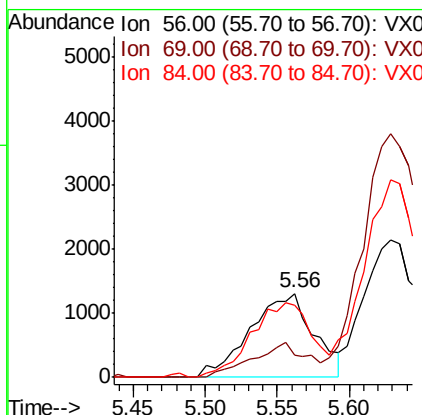
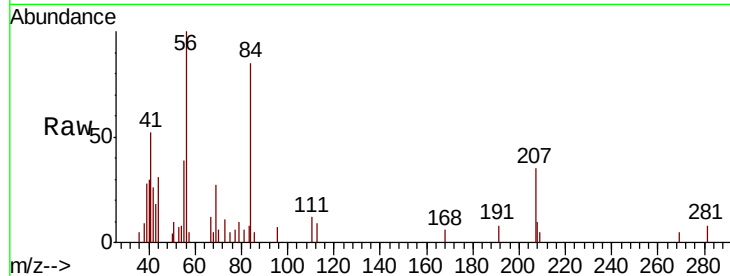




#31
Cyclohexane
Concen: 0.731 ug/l
RT: 5.56 min Scan# 734
Delta R.T. 0.01 min
Lab File: VX016079.D
Acq: 06 May 2020 13:27

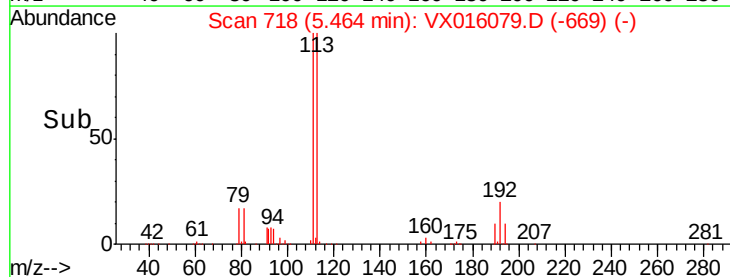
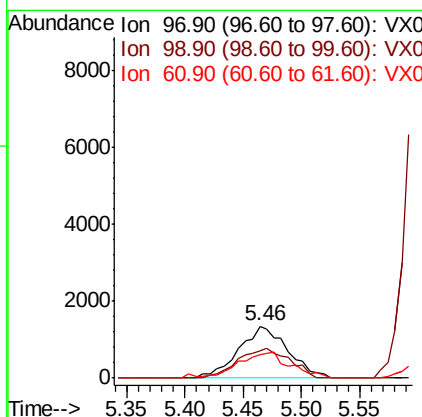
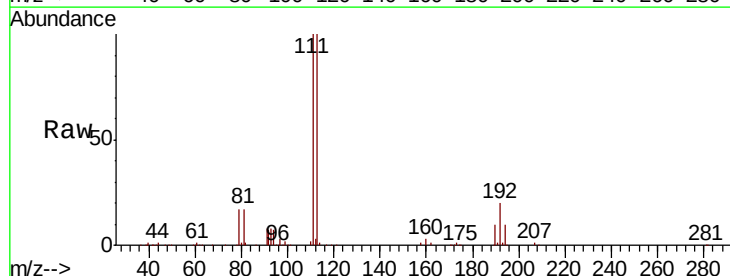
Instrument :
MSVOA_X
ClientSampled :

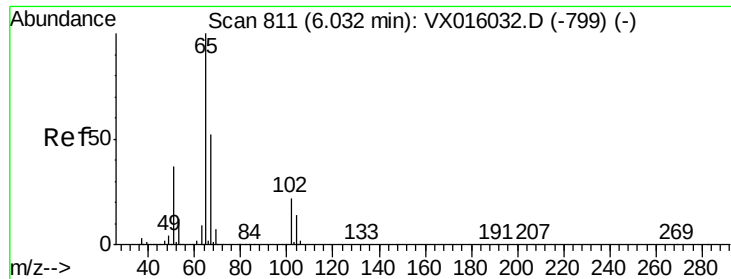
Tot Ion: 56 Resp: 3989
Ion Ratio Lower Upper
56 100
69 26.6 25.0 37.6
84 85.4 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 0.727 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016079.D
Acq: 06 May 2020 13:27

Tgt Ion: 97 Resp: 3950
Ion Ratio Lower Upper
97 100
99 0.0 51.0 76.4#
61 51.4 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 46.684 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

Instrument :

MSVOA_X

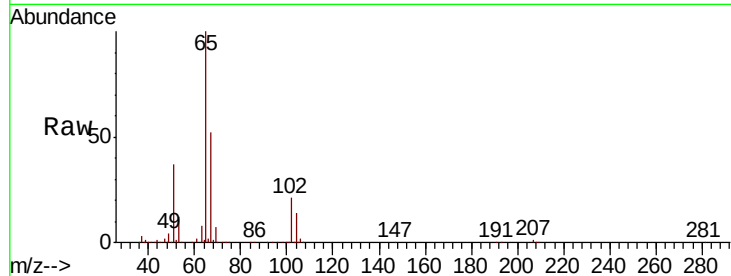
ClientSampleId :

Tot Ion: 65 Resp: 183410

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

80000

60000

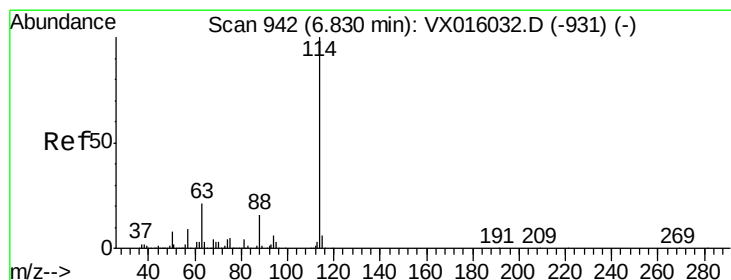
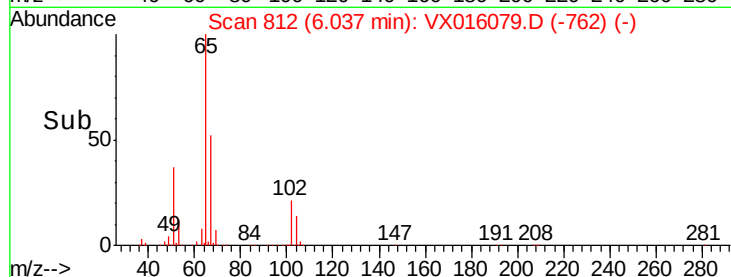
40000

20000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

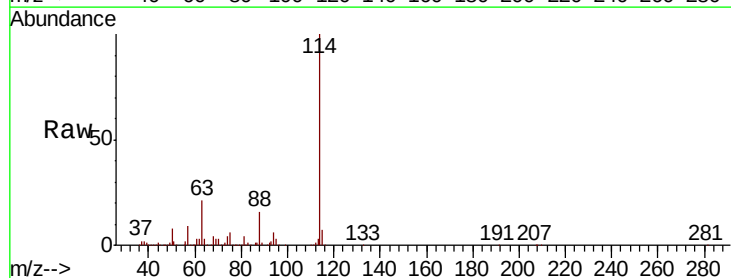
Tgt Ion: 114 Resp: 476652

Ion Ratio Lower Upper

114 100

63 21.2 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

250000

200000

150000

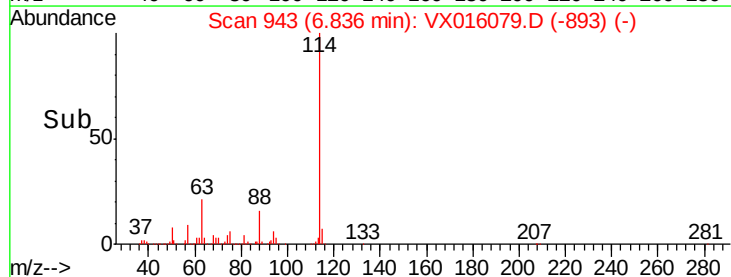
100000

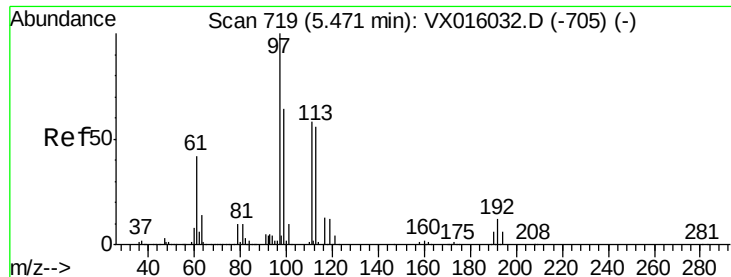
50000

0

Time-->

6.70 6.80 6.90

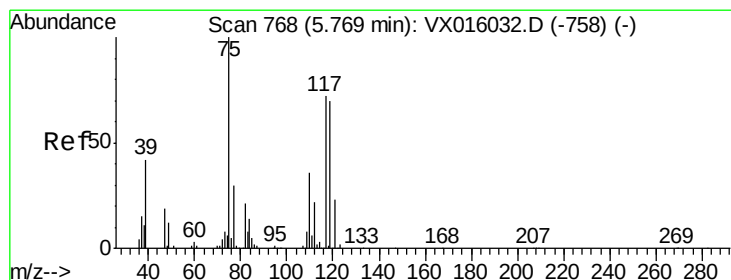
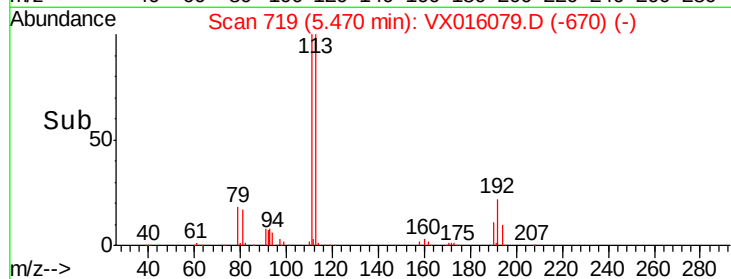
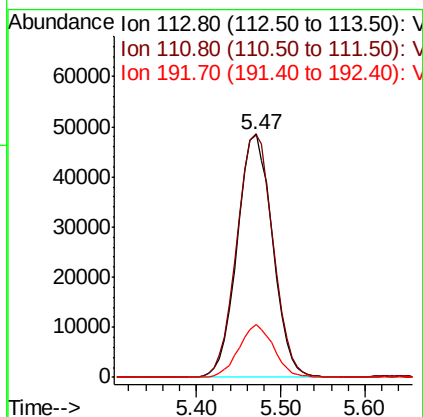
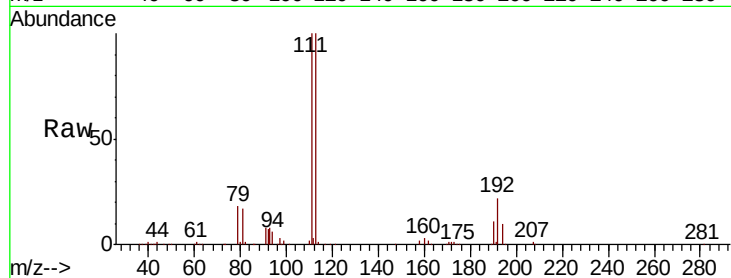




#35
 Dibromofluoromethane
 Concen: 45.686 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX016079.D
 Acq: 06 May 2020 13:27

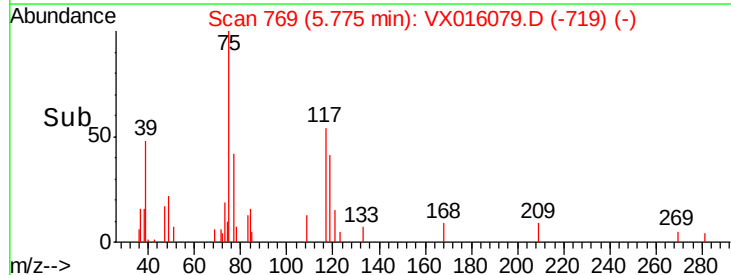
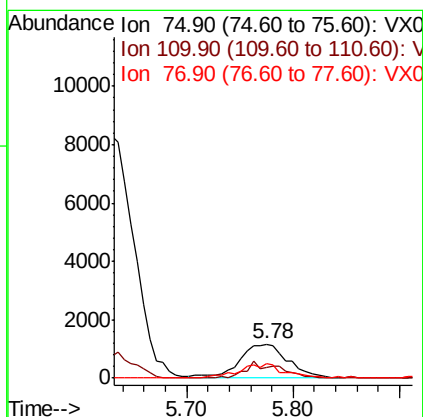
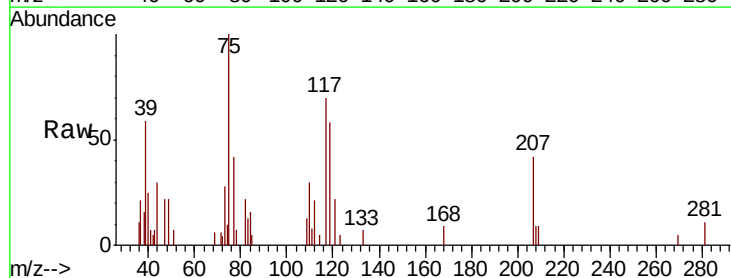
Instrument :
 MSVOA_X
 ClientSampleId :

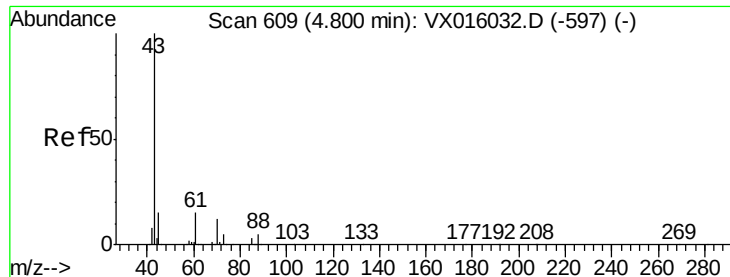
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.6	122.4
192	21.3	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 0.789 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX016079.D
 Acq: 06 May 2020 13:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	18.8	18.1	54.1
77	38.5	25.0	37.6#

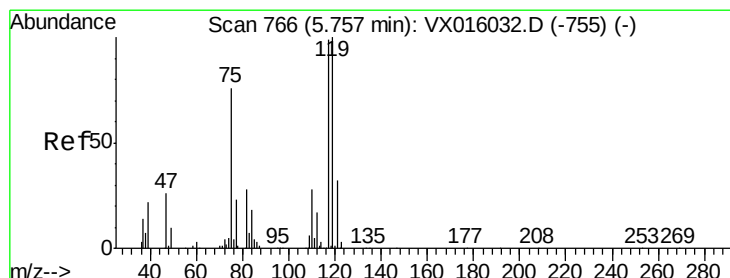
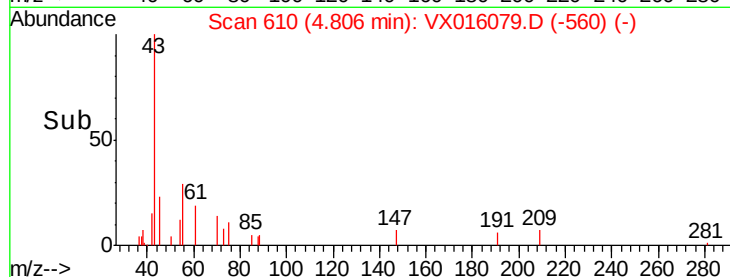
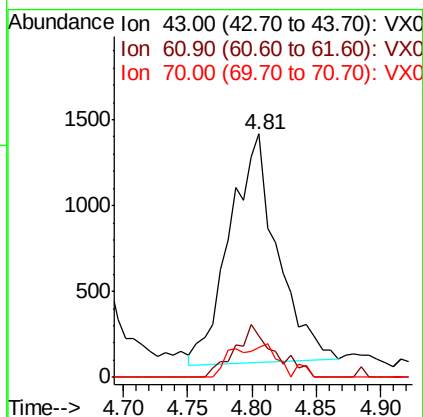
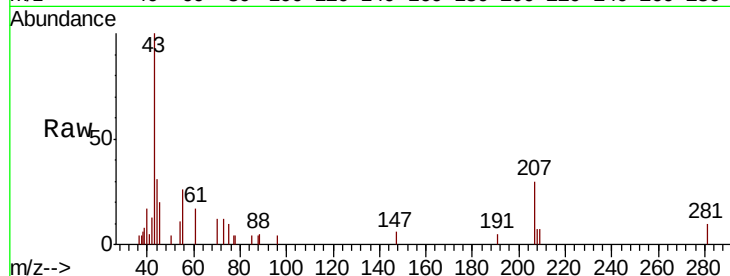




#37
Ethyl Acetate
Concen: 0.627 ug/l
RT: 4.81 min Scan# 610
Delta R.T. 0.01 min
Lab File: VX016079.D
Acq: 06 May 2020 13:27

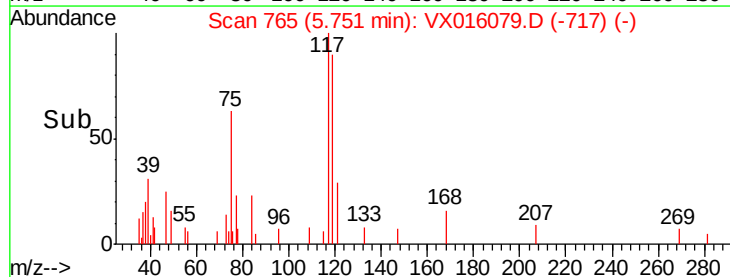
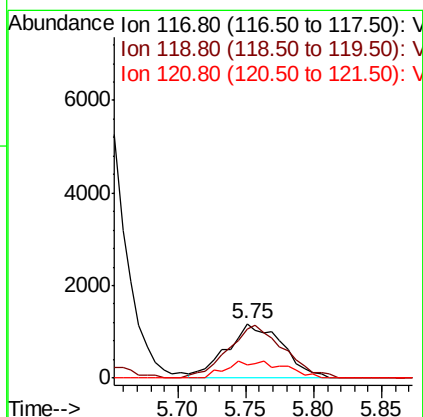
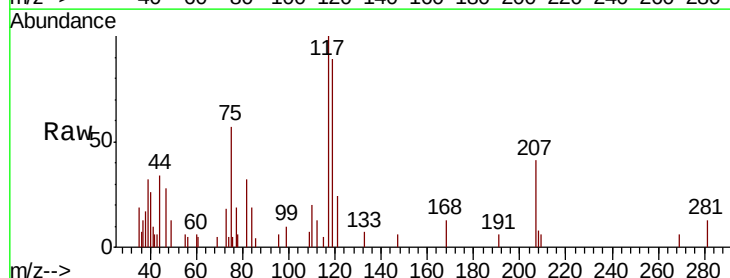
Instrument :
MSVOA_X
ClientSampleId :

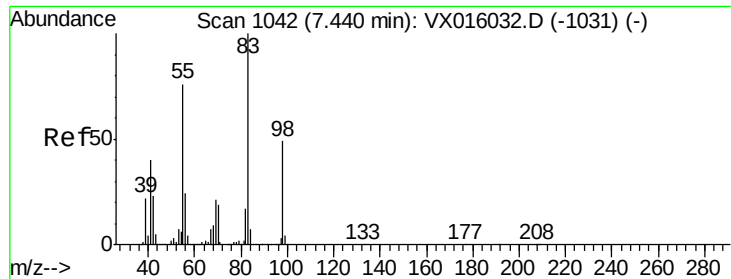
Tot Ion: 43 Resp: 3407
Ion Ratio Lower Upper
43 100
61 19.3 11.7 17.5#
70 5.6 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 0.704 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016079.D
Acq: 06 May 2020 13:27

Tgt Ion: 117 Resp: 3359
Ion Ratio Lower Upper
117 100
119 88.9 80.3 120.5
121 24.0 25.7 38.5#

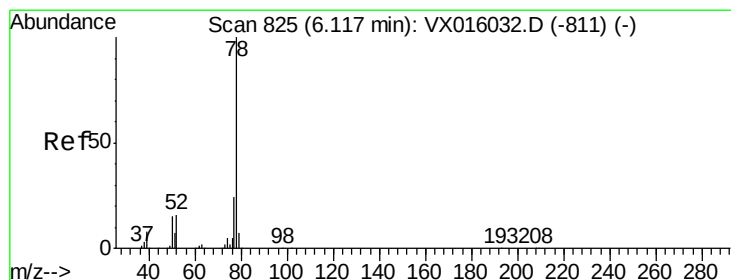
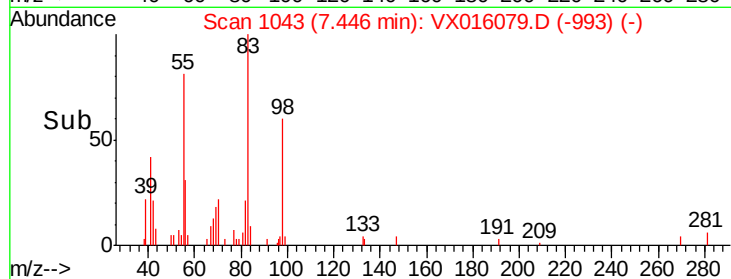
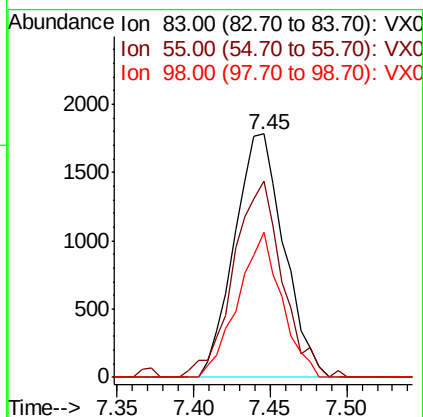
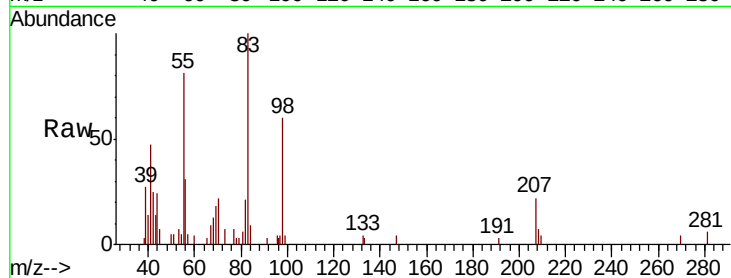




#39
Methylvlcyclohexane
Concen: 0.710 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX016079.D
Acq: 06 May 2020 13:27

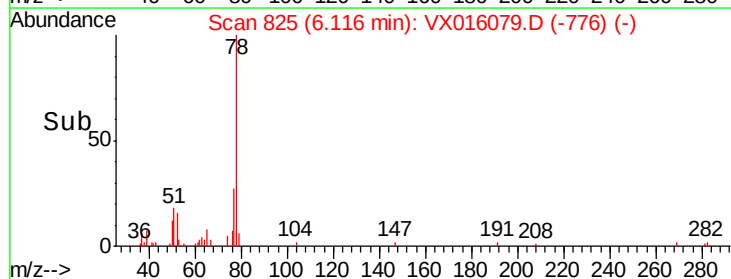
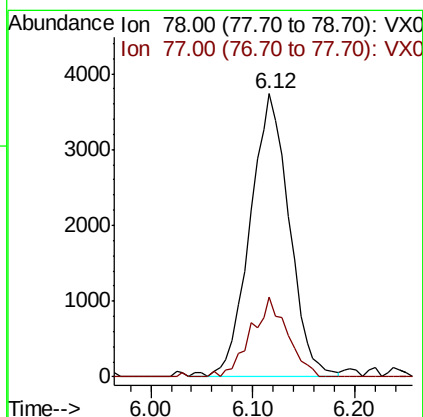
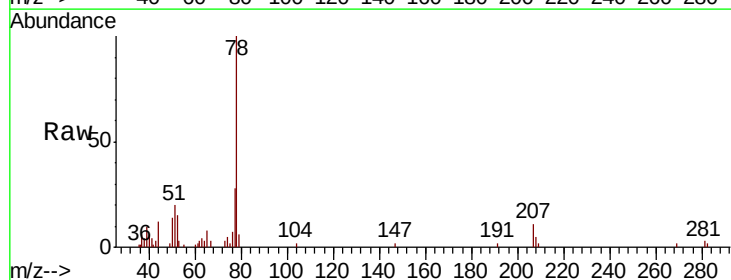
Instrument :
MSVOA_X
ClientSampleId :

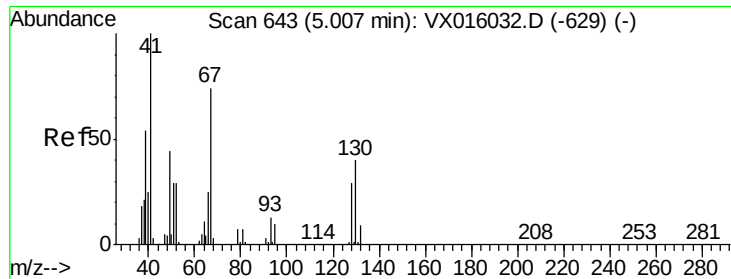
Tot Ion: 83 Resp: 4011
Ion Ratio Lower Upper
83 100
55 78.0 61.1 91.7
98 59.7 39.0 58.4#



#40
Benzene
Concen: 0.727 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016079.D
Acq: 06 May 2020 13:27

Tgt Ion: 78 Resp: 9986
Ion Ratio Lower Upper
78 100
77 28.1 19.0 28.4

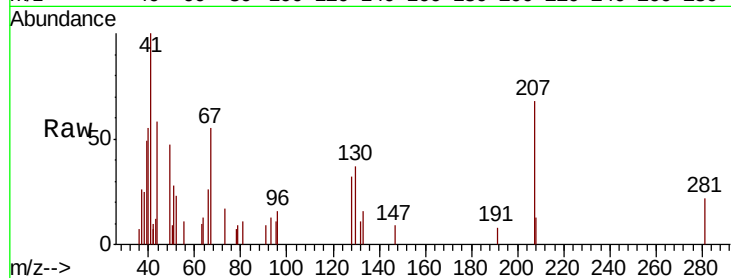




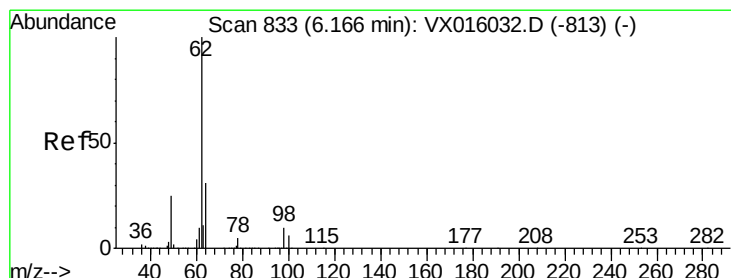
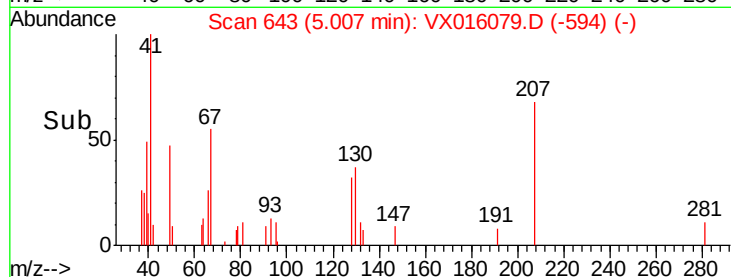
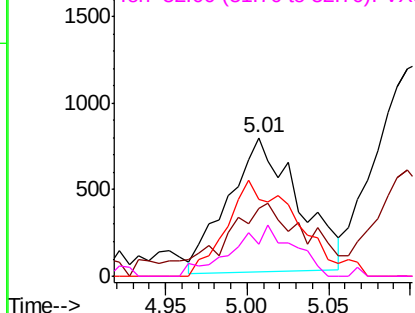
#41
Methacrylonitrile
Concen: 0.786 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016079.D
Acq: 06 May 2020 13:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	2308
Ion	Ratio	Lower	Upper
41	100		
39	63.7	43.2	64.8
67	72.5	59.3	88.9
52	33.1	23.5	35.3

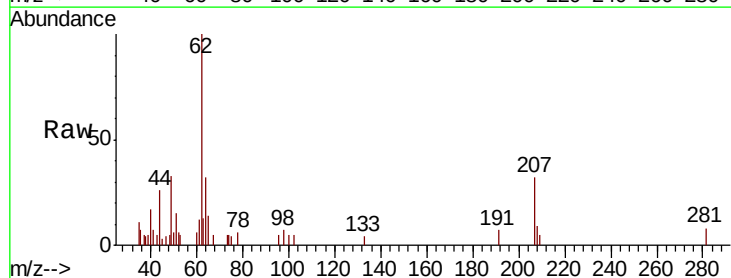


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

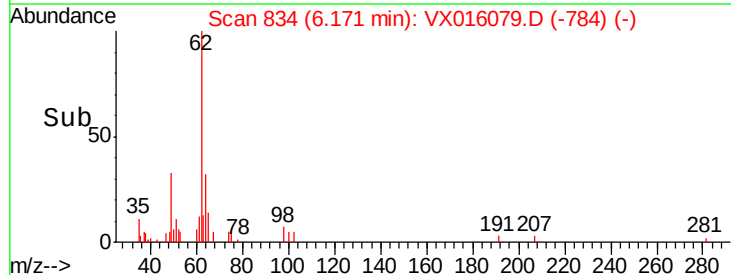
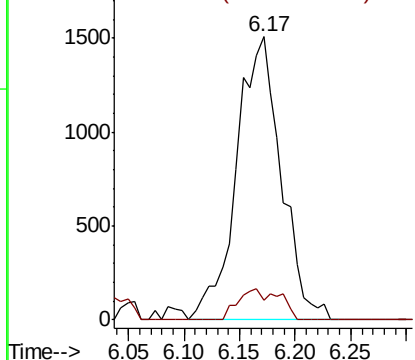


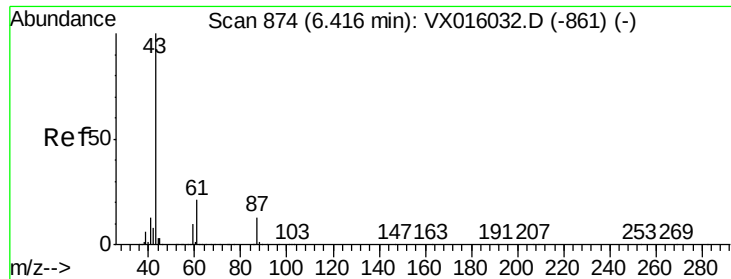
#42
1,2-Dichloroethane
Concen: 0.852 ug/l
RT: 6.17 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX016079.D
Acq: 06 May 2020 13:27

Tgt Ion:	62	Resp:	4212
Ion	Ratio	Lower	Upper
62	100		
98	6.2	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: 0.746 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

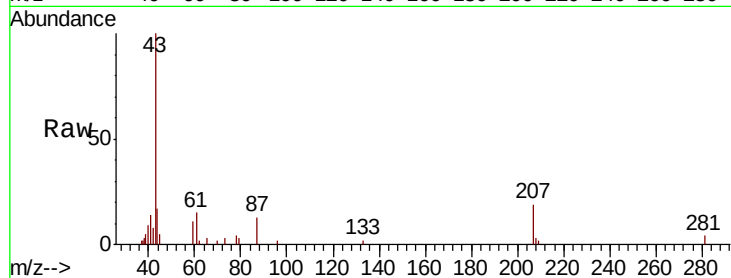
Tot Ion: 43 Resp: 6475

Ion Ratio Lower Upper

43 100

61 20.6 17.0 25.4

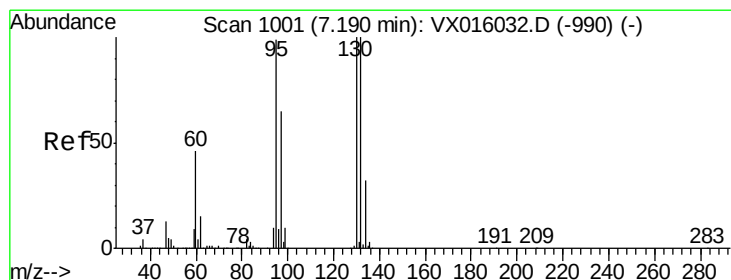
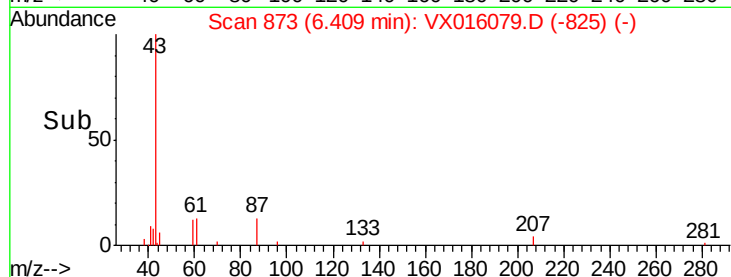
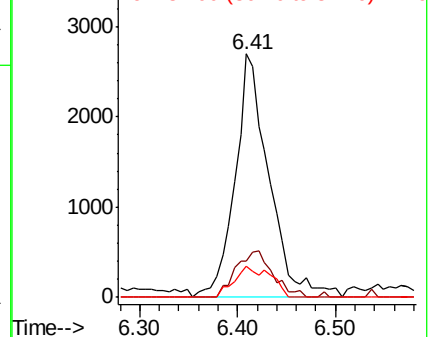
87 13.7 11.0 16.6



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: 0.721 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016079.D

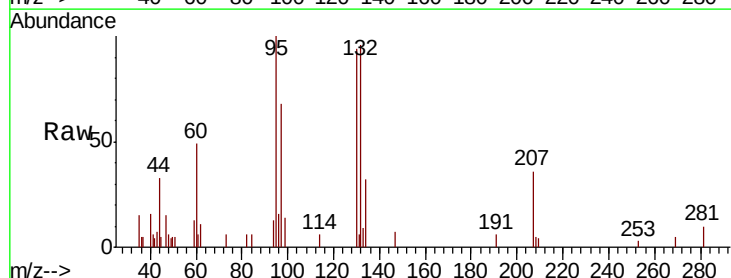
Acq: 06 May 2020 13:27

Tgt Ion: 130 Resp: 3515

Ion Ratio Lower Upper

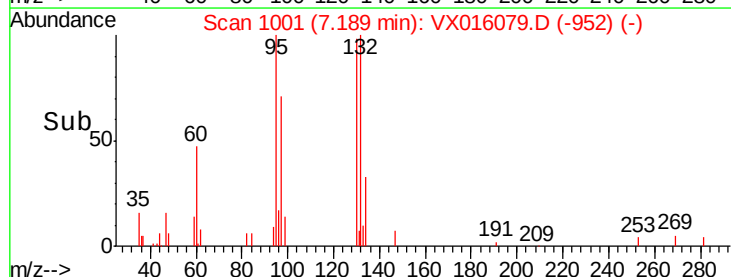
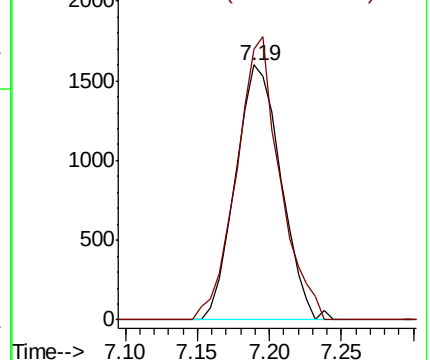
130 100

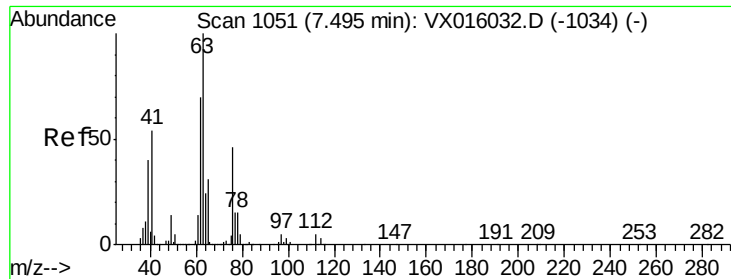
95 106.2 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 0.725 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

Instrument :

MSVOA_X

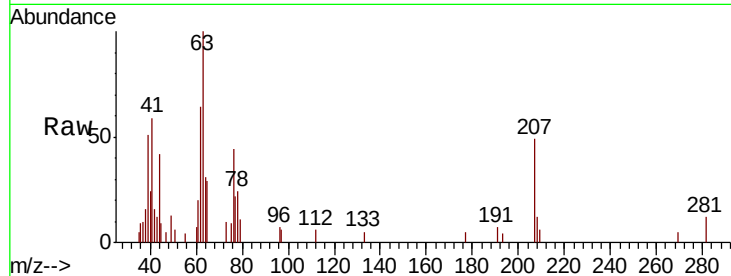
ClientSampled :

Tot Ion: 63 Resp: 2518

Ion Ratio Lower Upper

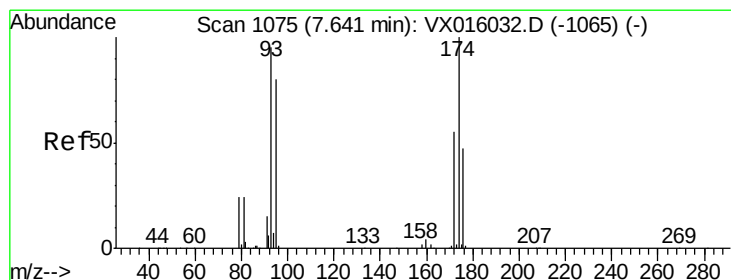
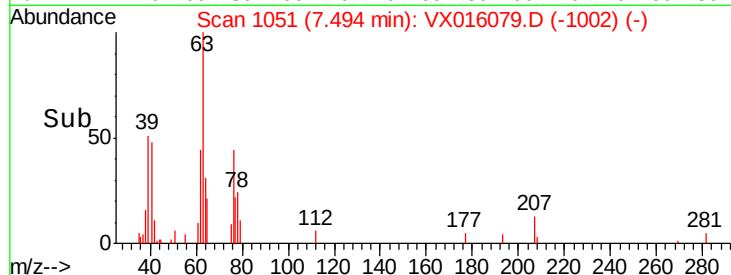
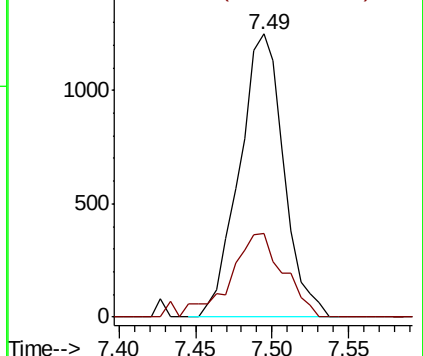
63 100

65 29.4 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 0.729 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

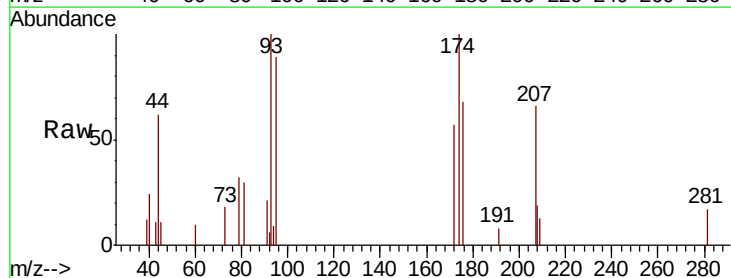
Tgt Ion: 93 Resp: 1722

Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

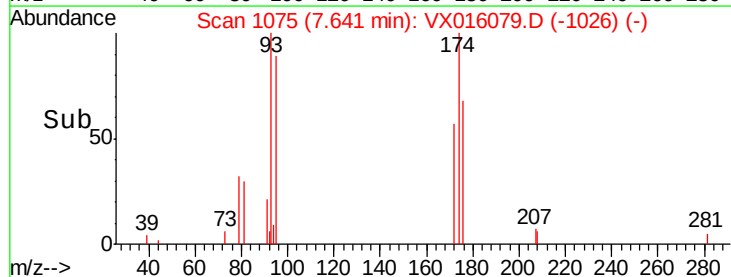
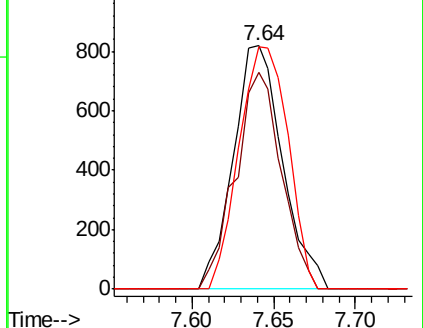
174 98.6 84.2 126.4

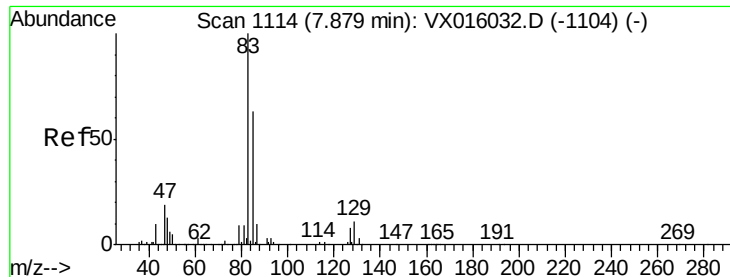


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 0.676 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

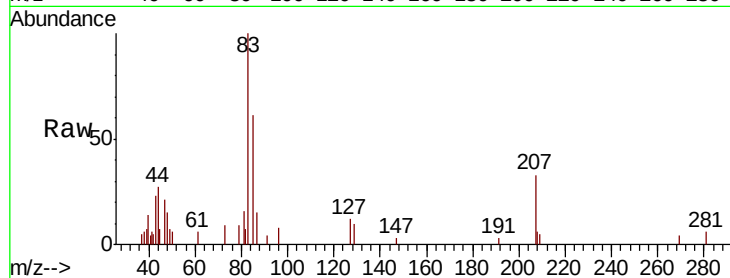
Tot Ion: 83 Resp: 3248

Ion Ratio Lower Upper

83 100

85 60.6 50.5 75.7

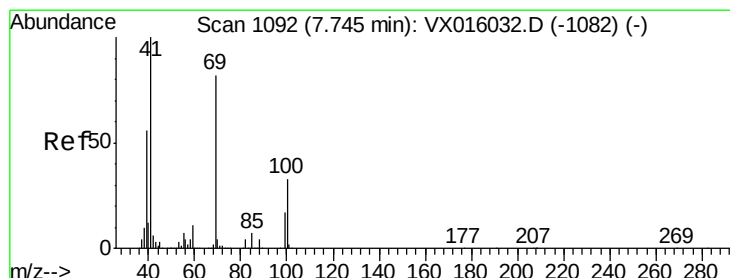
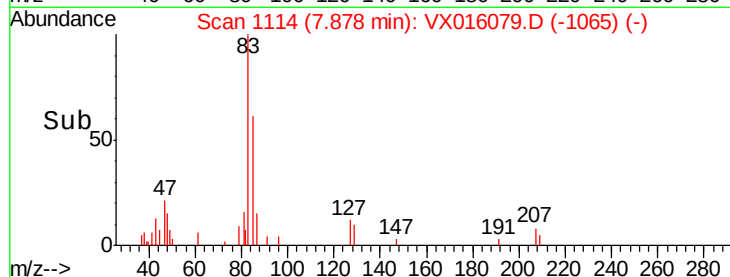
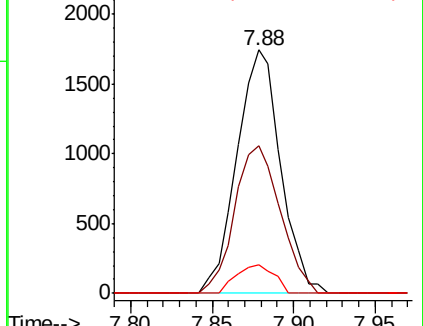
127 11.6 6.7 10.1#



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: 0.713 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

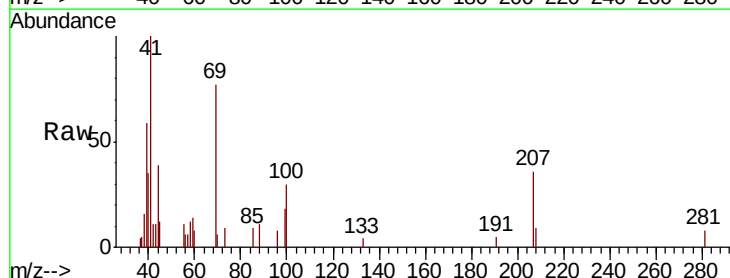
Tgt Ion: 41 Resp: 2932

Ion Ratio Lower Upper

41 100

69 73.9 67.8 101.6

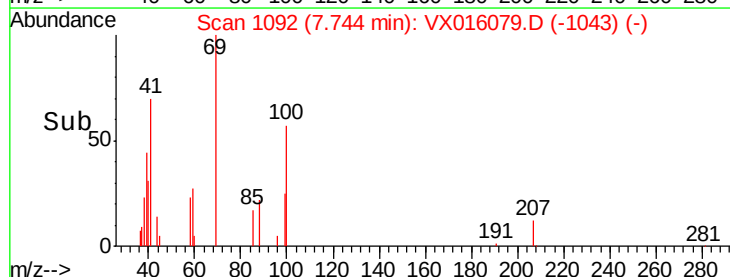
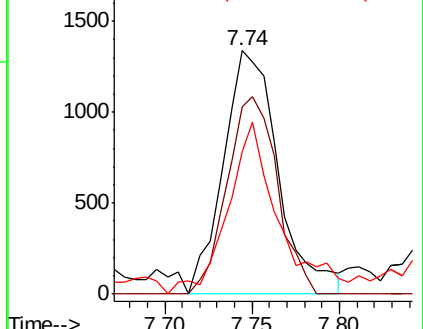
39 65.1 44.6 67.0

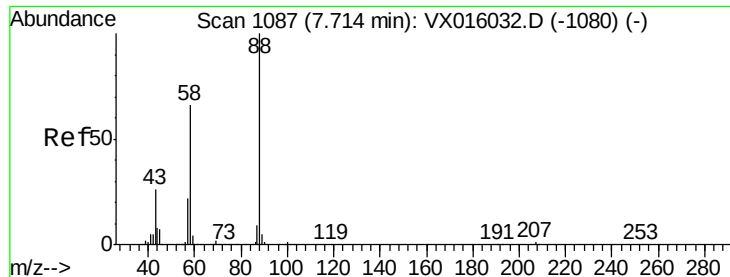


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 11.876 ug/l

RT: 7.73 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

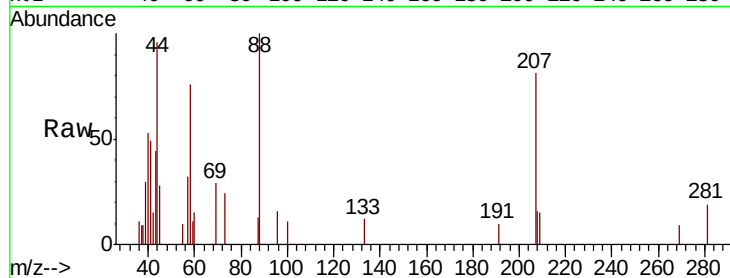
Tot Ion: 88 Resp: 1171

Ion Ratio Lower Upper

88 100

43 90.4 25.3 37.9#

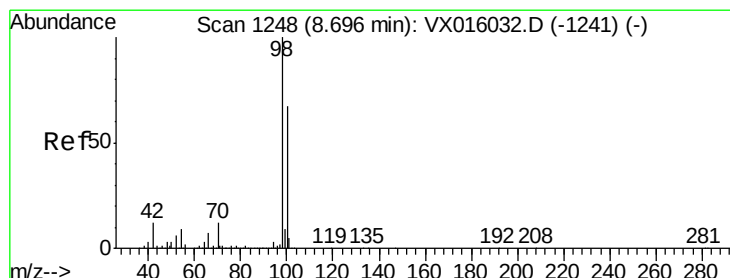
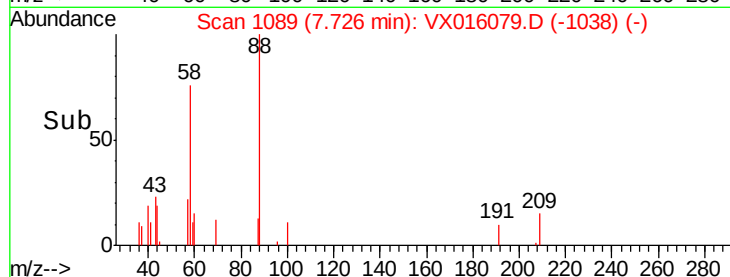
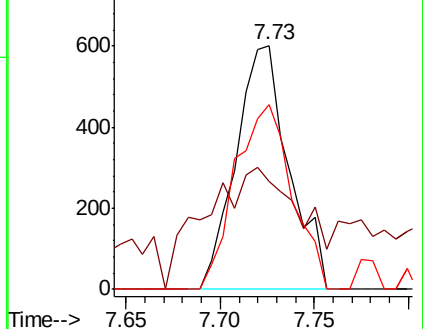
58 81.4 55.9 83.9



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 46.903 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016079.D

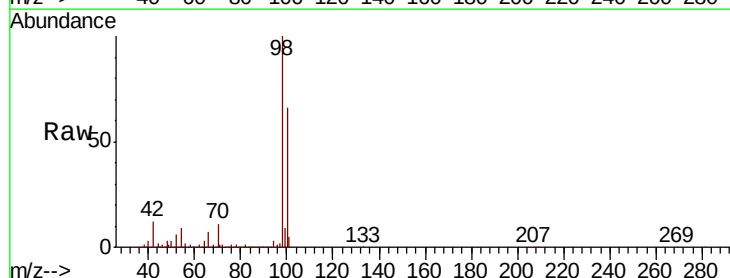
Acq: 06 May 2020 13:27

Tgt Ion: 98 Resp: 545736

Ion Ratio Lower Upper

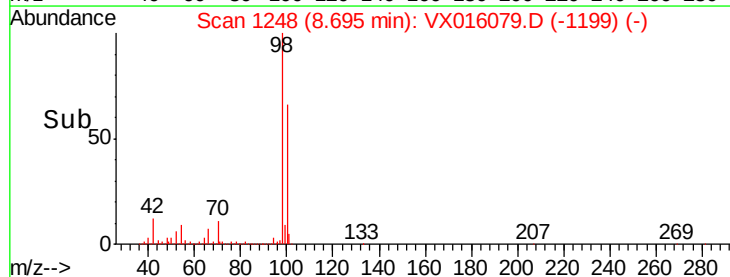
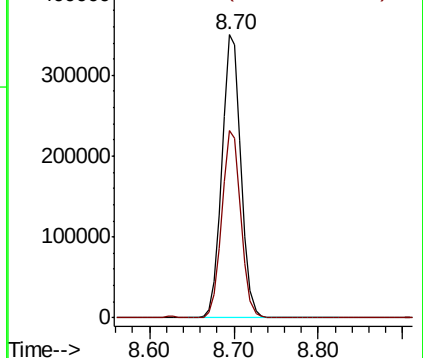
98 100

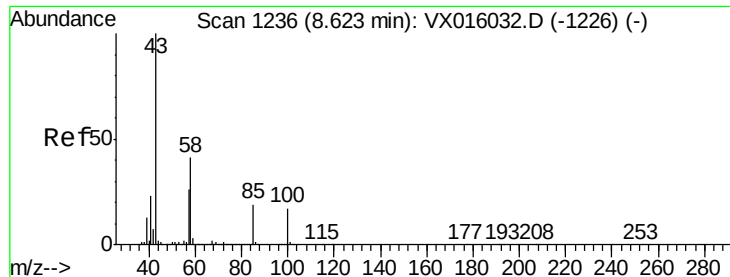
100 66.0 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 3.236 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

Instrument :

MSVOA_X

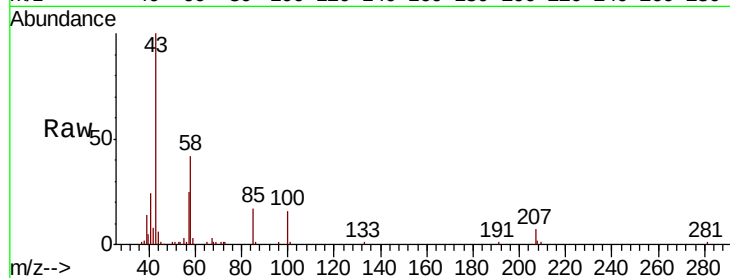
ClientSampleId :

Tot Ion: 43 Resp: 17183

Ion Ratio Lower Upper

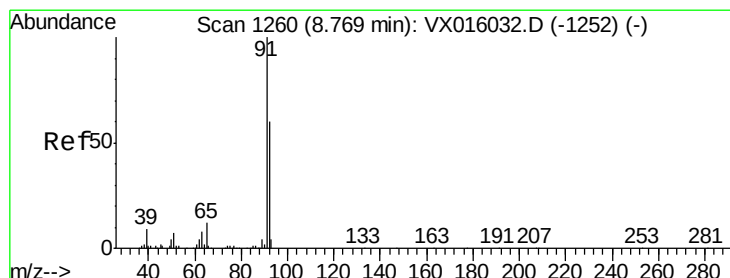
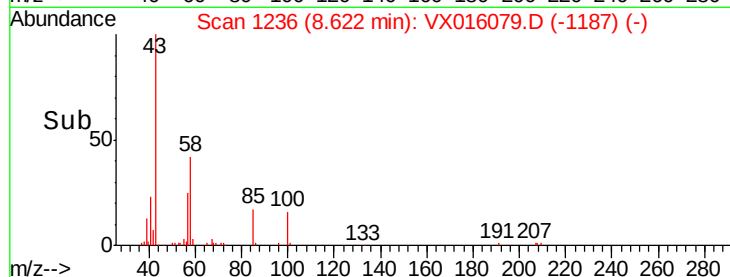
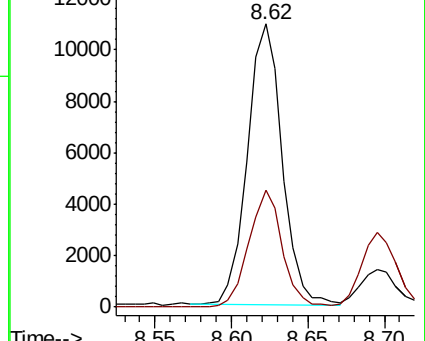
43 100

58 40.3 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: 0.710 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016079.D

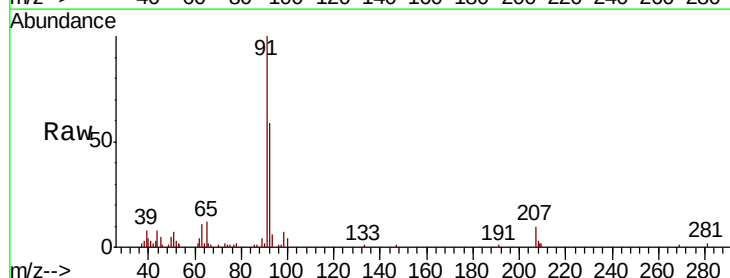
Acq: 06 May 2020 13:27

Tgt Ion: 92 Resp: 6072

Ion Ratio Lower Upper

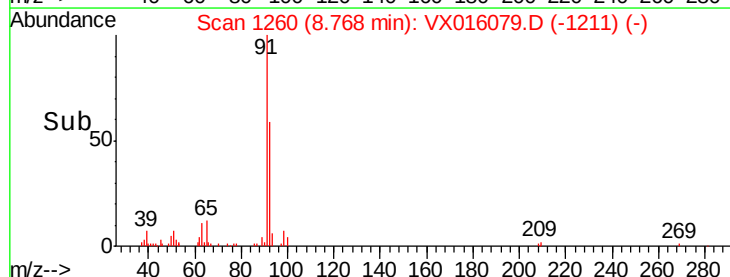
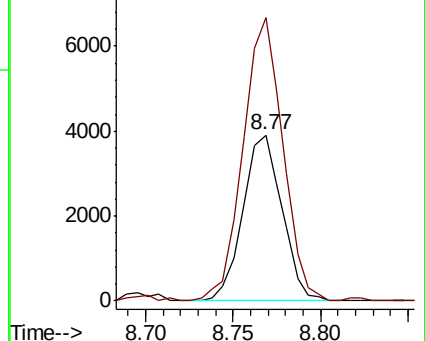
92 100

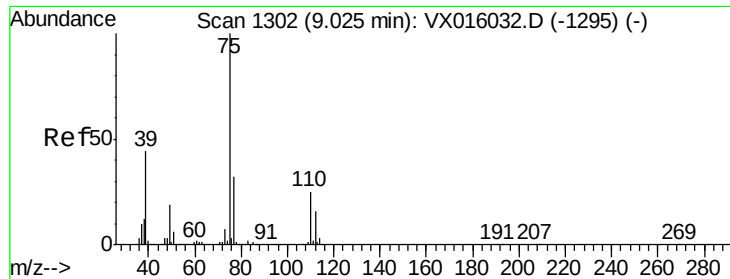
91 173.7 134.5 201.7



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: 0.658 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

Instrument :

MSVOA_X

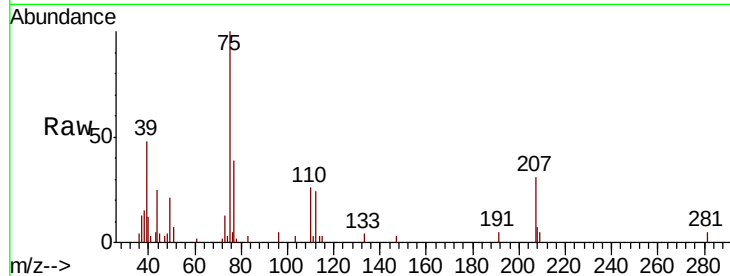
ClientSampled :

Tot Ion: 75 Resp: 3772

Ion Ratio Lower Upper

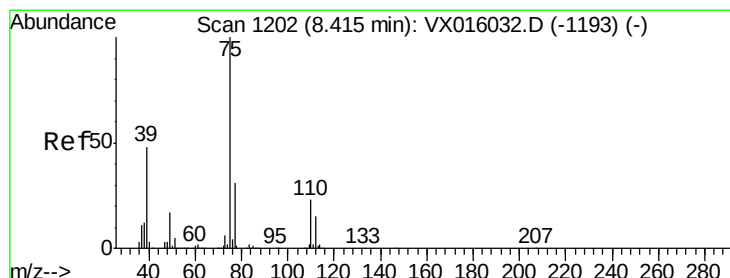
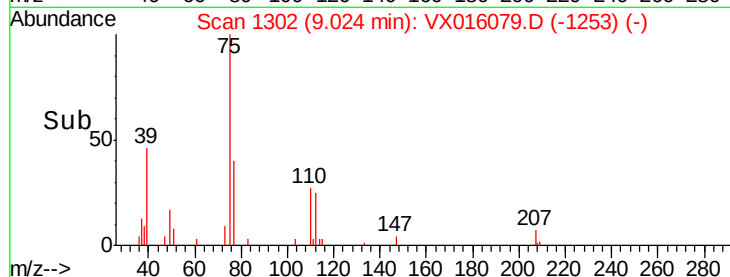
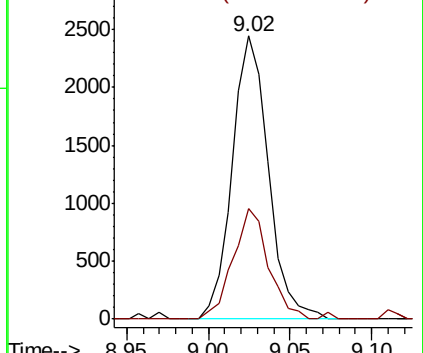
75 100

77 38.9 25.7 38.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 0.692 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

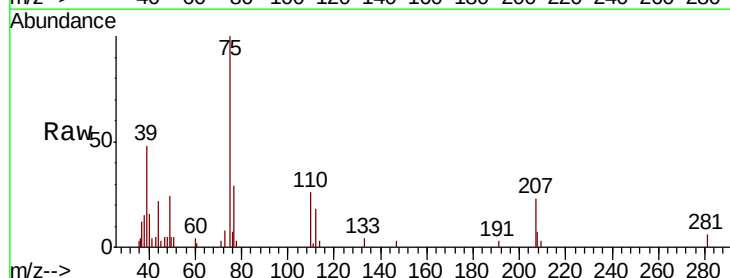
Tgt Ion: 75 Resp: 4144

Ion Ratio Lower Upper

75 100

77 28.9 24.7 37.1

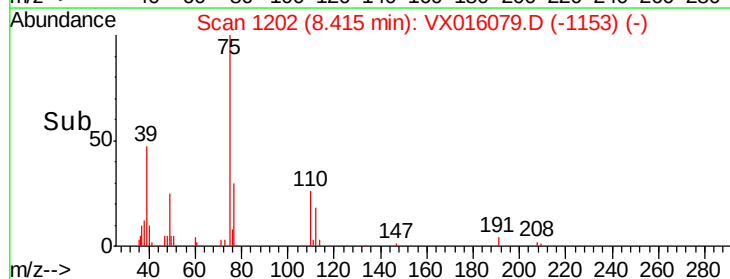
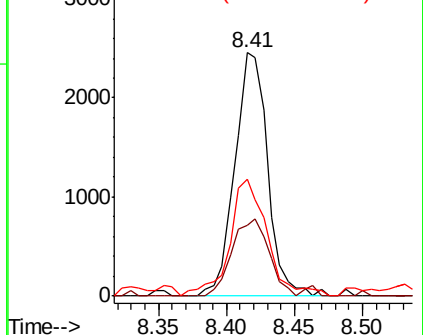
39 48.2 38.7 58.1

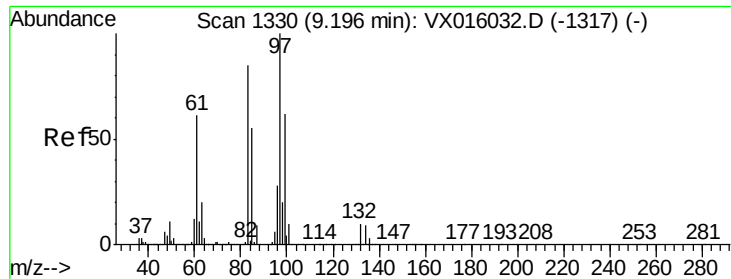


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 0.715 ug/l

RT: 9.20 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 2406

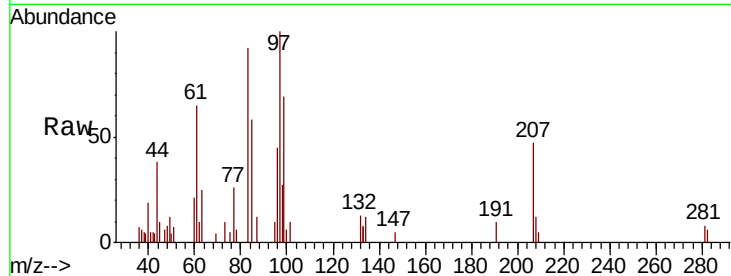
Ion Ratio Lower Upper

97 100

83 92.4 67.8 101.8

85 57.5 43.8 65.8

99 69.3 49.4 74.0



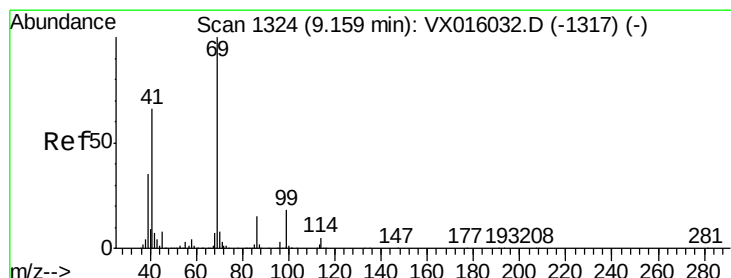
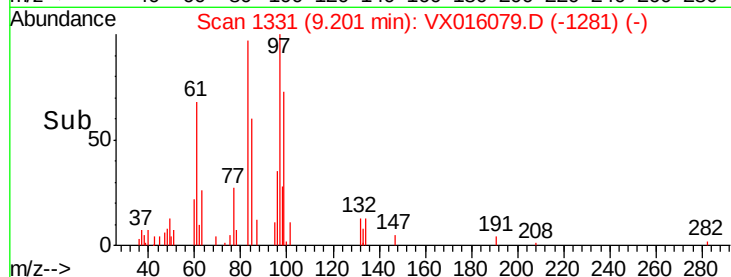
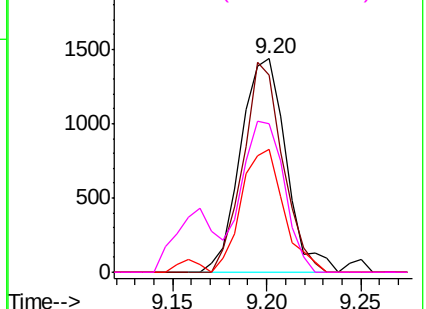
Abundance

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: 0.627 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

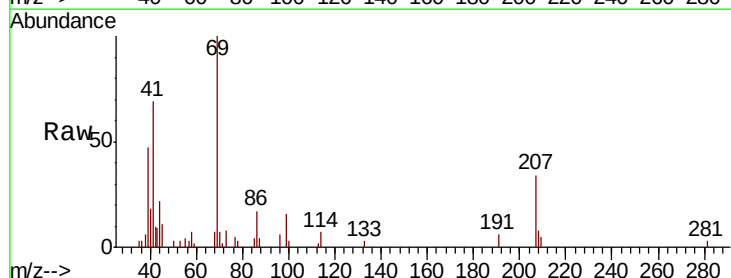
Tgt Ion: 69 Resp: 3448

Ion Ratio Lower Upper

69 100

41 64.9 52.2 78.4

39 41.5 28.2 42.4

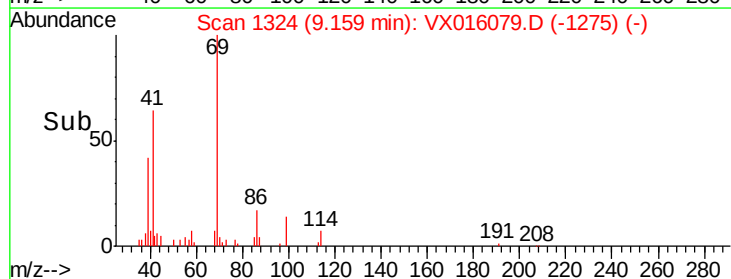
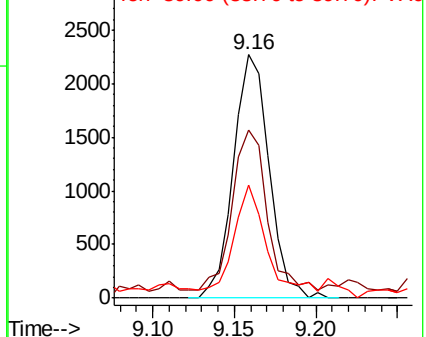


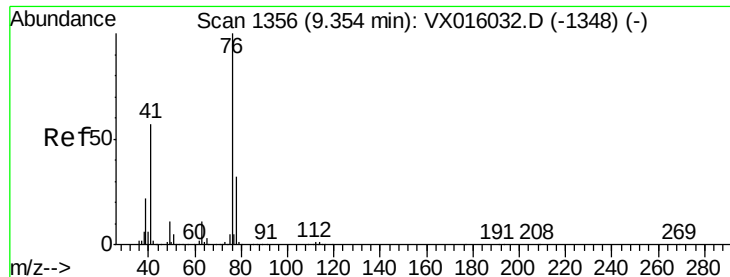
Abundance

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

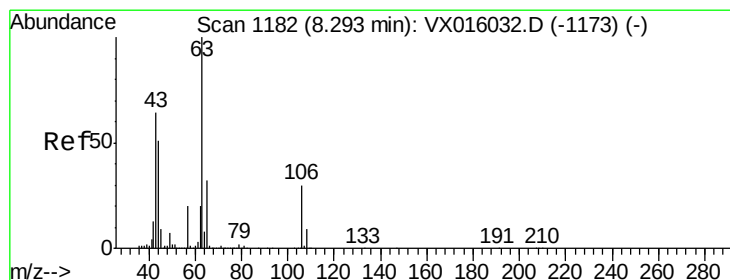
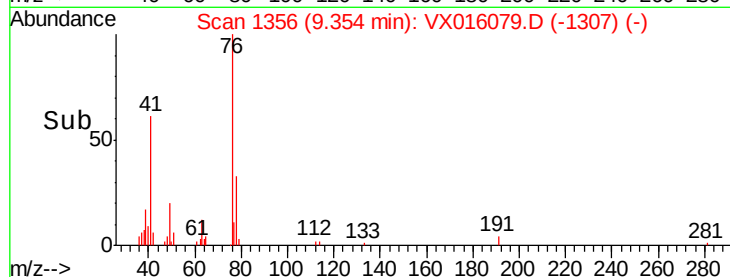
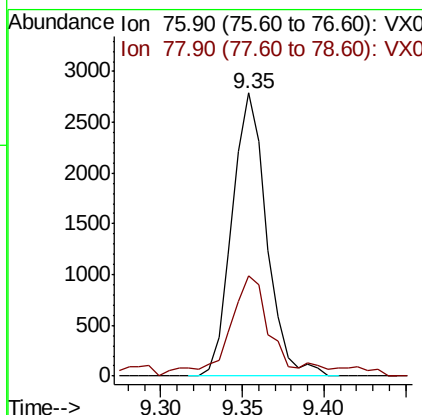
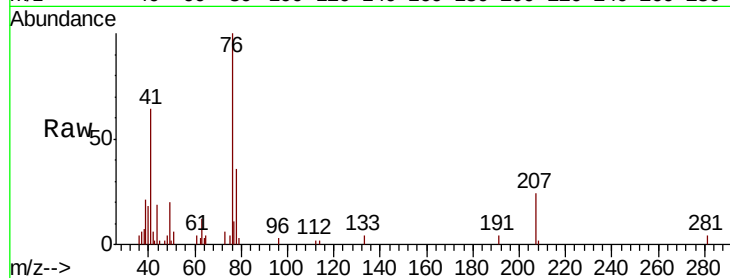




#57
 1,3-Dichloropropane
 Concen: 0.701 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016079.D
 Acq: 06 May 2020 13:27

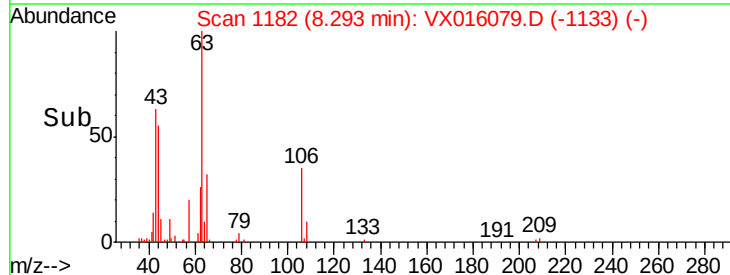
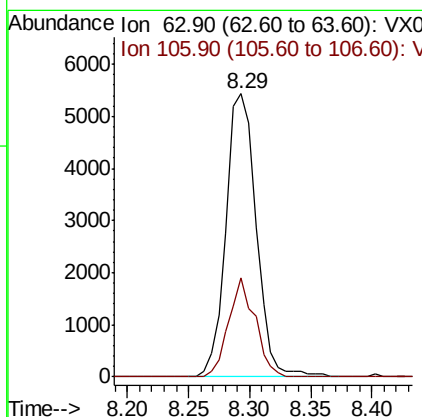
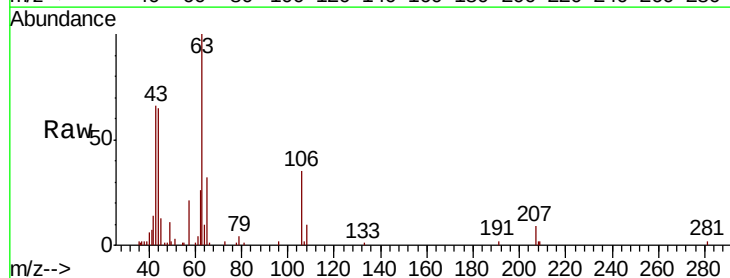
Instrument :
 MSVOA_X
 ClientSampleId :

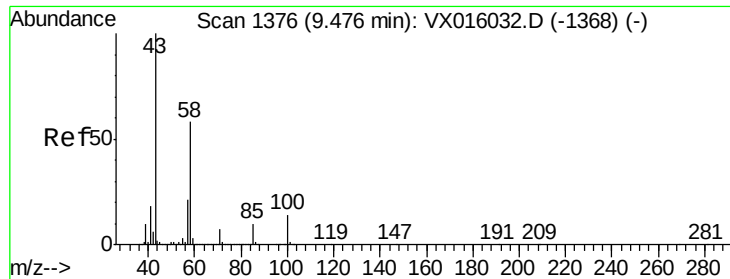
Tot Ion: 76 Resp: 4116
 Ion Ratio Lower Upper
 76 100
 78 40.5 25.9 38.9#



#58
 2-Chloroethyl Vinyl ether
 Concen: 3.180 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX016079.D
 Acq: 06 May 2020 13:27

Tgt Ion: 63 Resp: 9303
 Ion Ratio Lower Upper
 63 100
 106 30.5 23.4 35.2

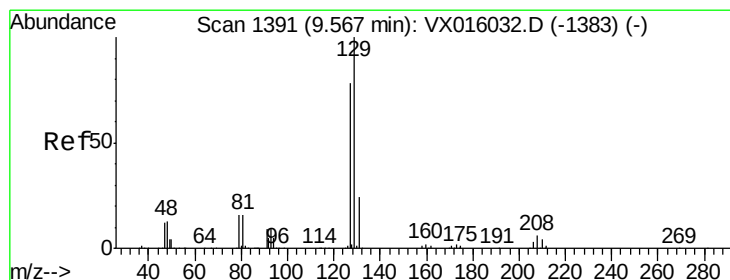
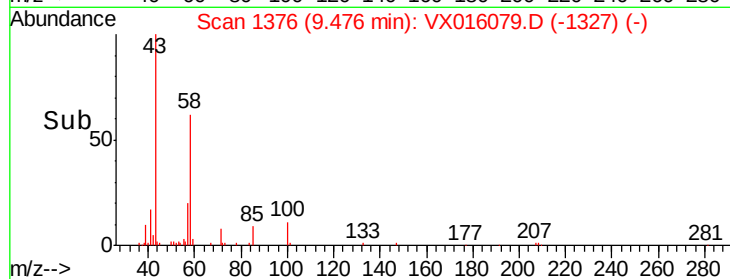
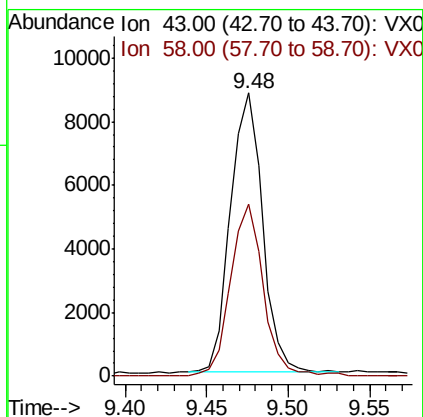
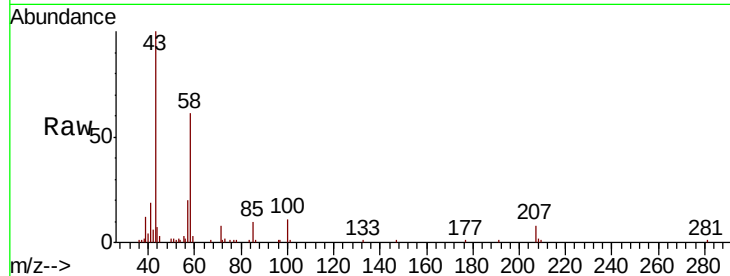




#59
2-Hexanone
Concen: 2.884 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016079.D
Acq: 06 May 2020 13:27

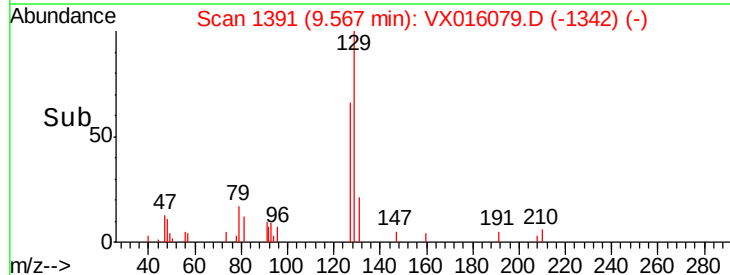
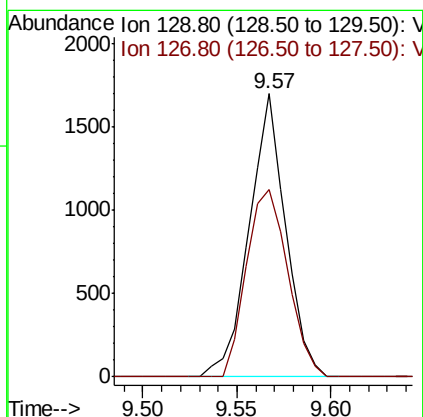
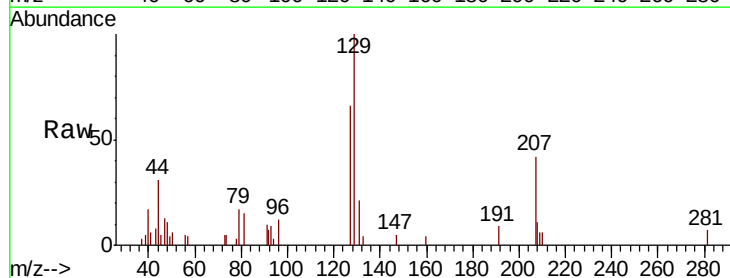
Instrument :
MSVOA_X
ClientSampleId :

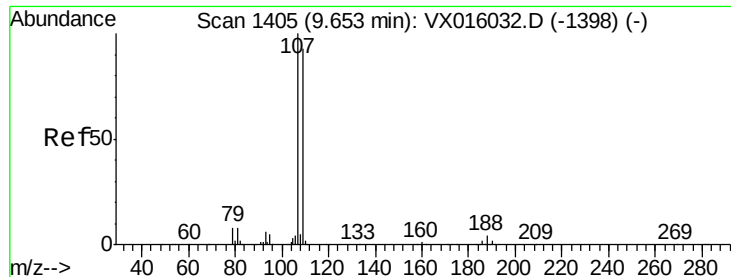
Tot Ion: 43 Resp: 12026
Ion Ratio Lower Upper
43 100
58 63.5 28.6 85.9



#60
Dibromochloromethane
Concen: 0.615 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016079.D
Acq: 06 May 2020 13:27

Tgt Ion: 129 Resp: 2281
Ion Ratio Lower Upper
129 100
127 75.1 38.4 115.2





#61

1,2-Dibromoethane

Concen: 0.675 ug/l

RT: 9.66 min Scan# 1406

Delta R.T. 0.01 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

Instrument :

MSVOA_X

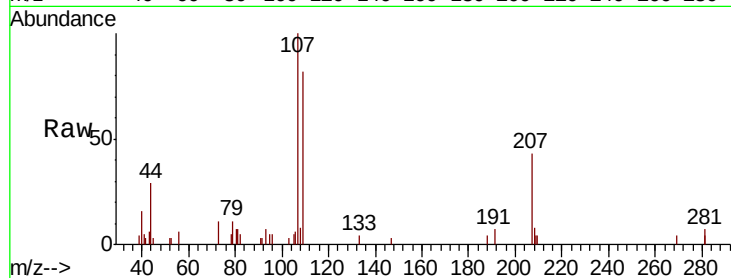
ClientSampleId :

Tot Ion:107 Resp: 2463

Ion Ratio Lower Upper

107 100

109 95.0 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.66

1500

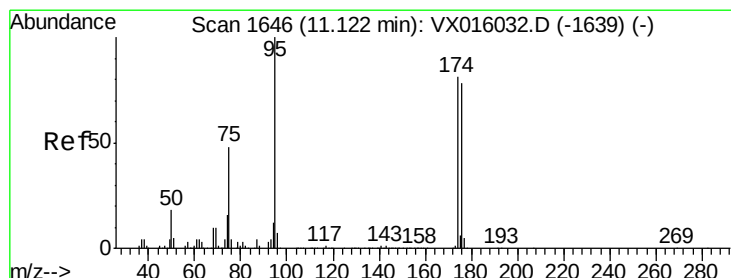
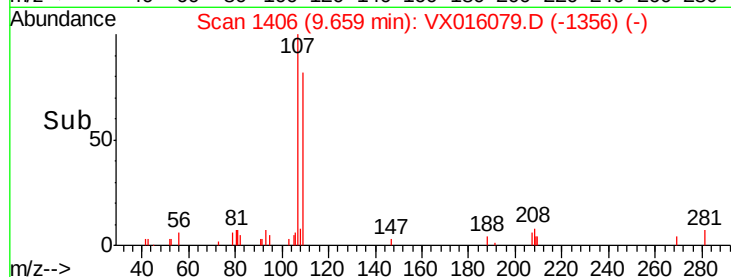
1000

500

0

Time-->

9.60 9.65 9.70



#62

4-Bromofluorobenzene

Concen: 44.345 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

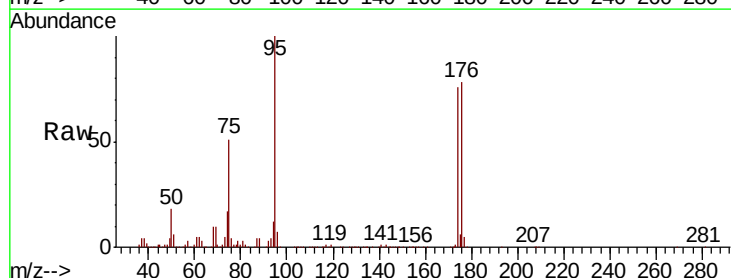
Tgt Ion: 95 Resp: 196252

Ion Ratio Lower Upper

95 100

174 80.8 0.0 159.4

176 78.8 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

11.12

200000

150000

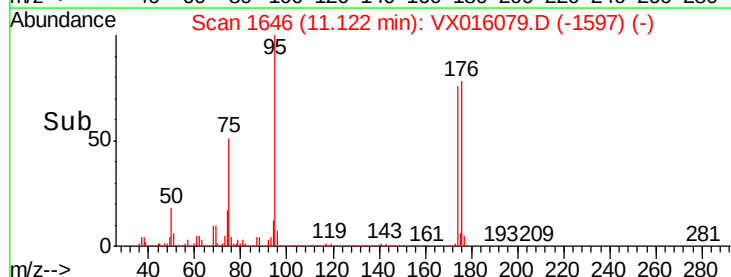
100000

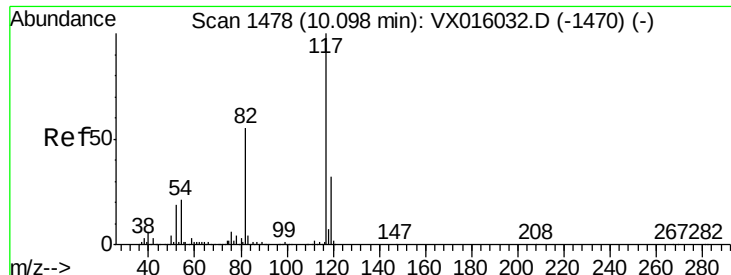
50000

0

Time-->

11.05 11.10 11.15 11.20

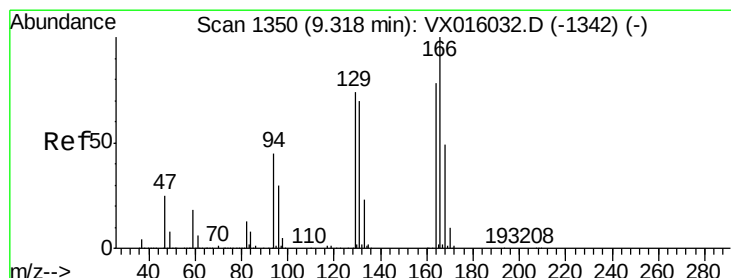
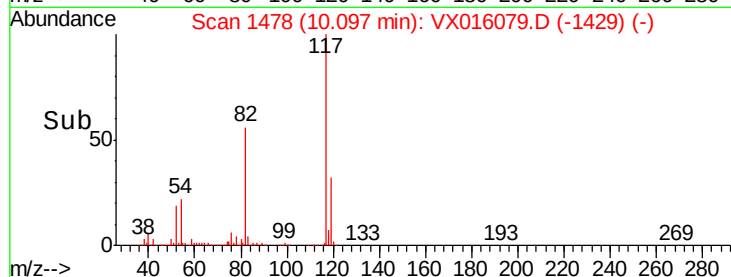
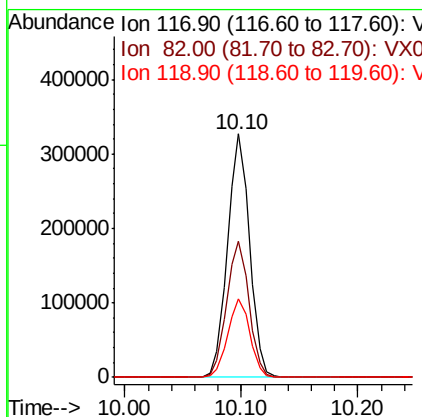
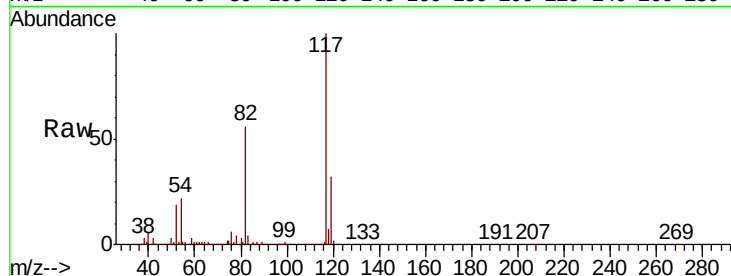




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016079.D
Acq: 06 May 2020 13:27

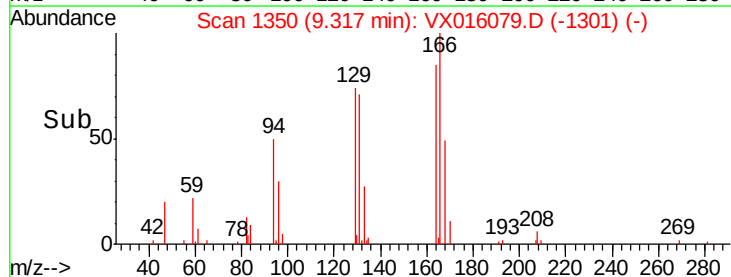
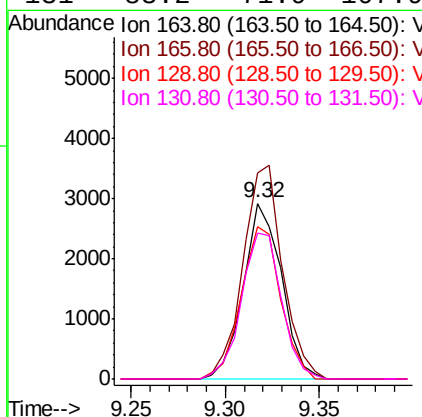
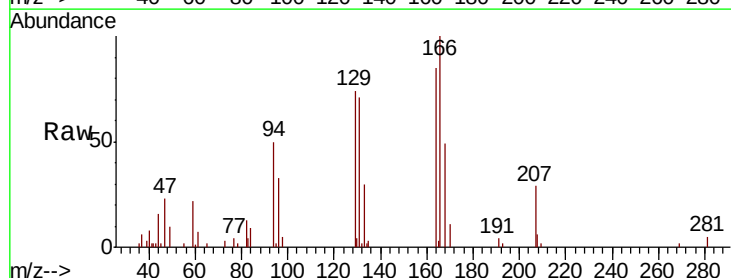
Instrument :
MSVOA_X
ClientSampleId :

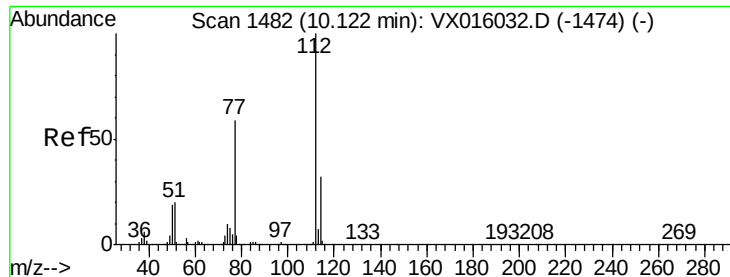
Tot Ion:117 Resp: 430513
Ion Ratio Lower Upper
117 100
82 55.9 44.4 66.6
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 0.777 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016079.D
Acq: 06 May 2020 13:27

Tgt Ion:164 Resp: 4104
Ion Ratio Lower Upper
164 100
166 117.1 102.9 154.3
129 86.6 76.1 114.1
131 83.2 71.9 107.9

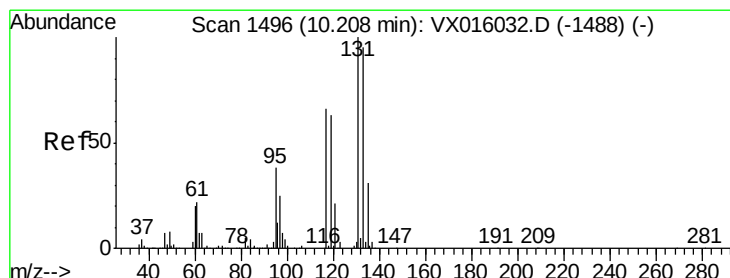
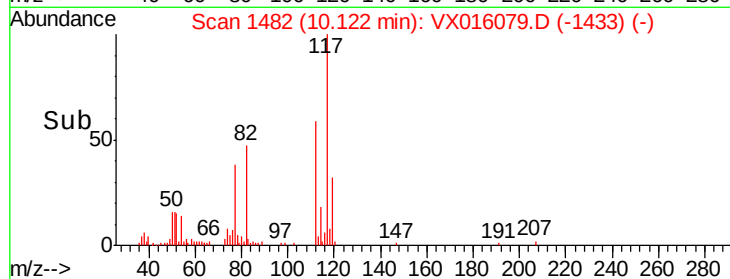
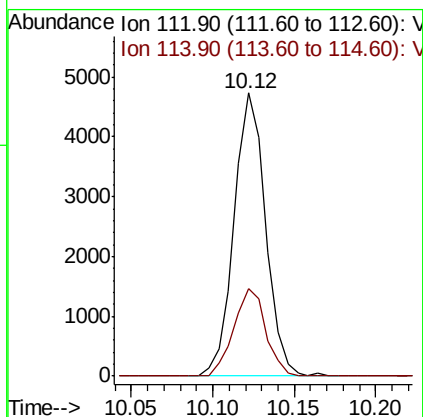
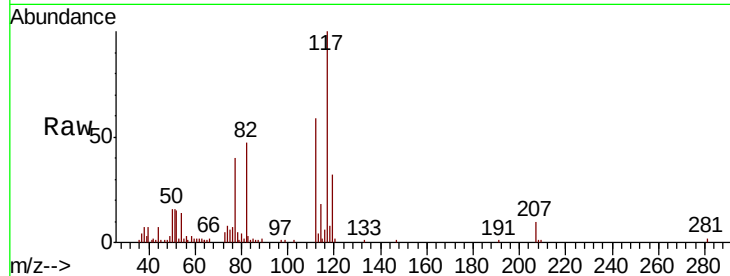




#65
Chlorobenzene
Concen: 0.707 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016079.D
Acq: 06 May 2020 13:27

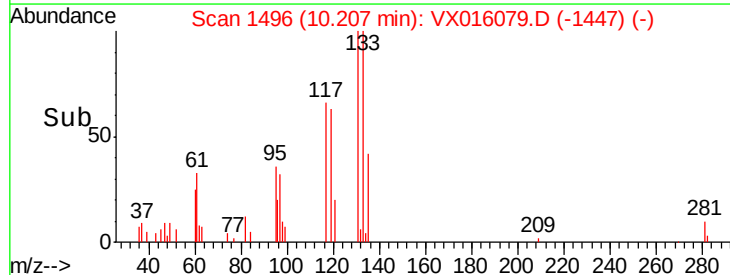
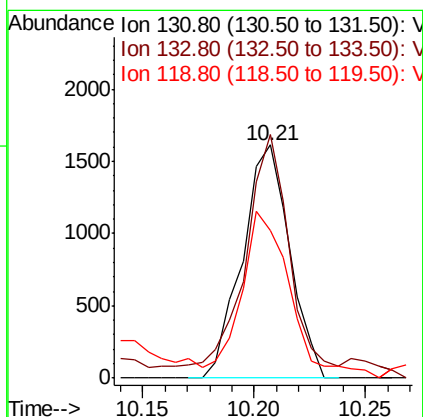
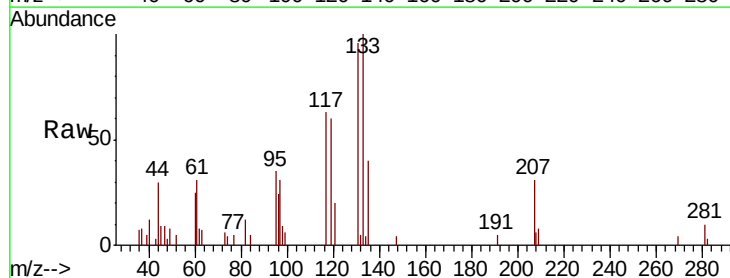
Instrument :
MSVOA_X
ClientSampled :

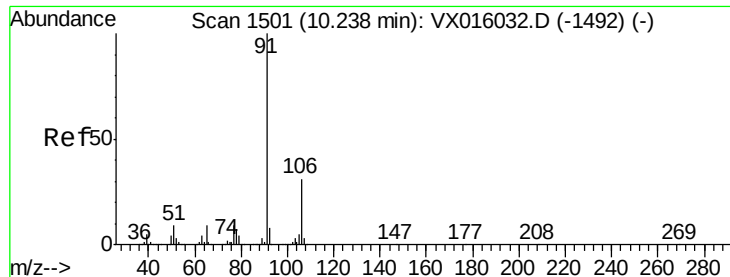
Tot Ion:112 Resp: 6369
Ion Ratio Lower Upper
112 100
114 31.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 0.717 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016079.D
Acq: 06 May 2020 13:27

Tgt Ion:131 Resp: 2388
Ion Ratio Lower Upper
131 100
133 88.7 48.3 144.8
119 0.0 32.3 96.9#





#67

Ethyl Benzene

Concen: 0.698 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

Instrument :

MSVOA_X

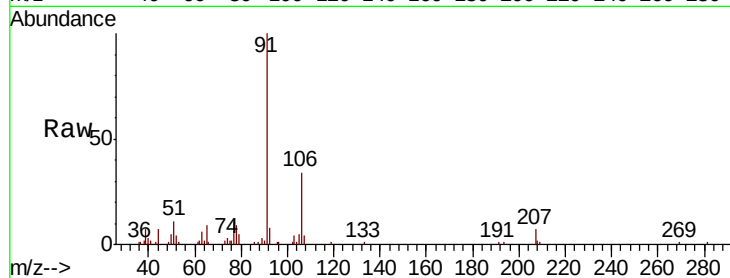
ClientSampled :

Tot Ion: 91 Resp: 11219

Ion Ratio Lower Upper

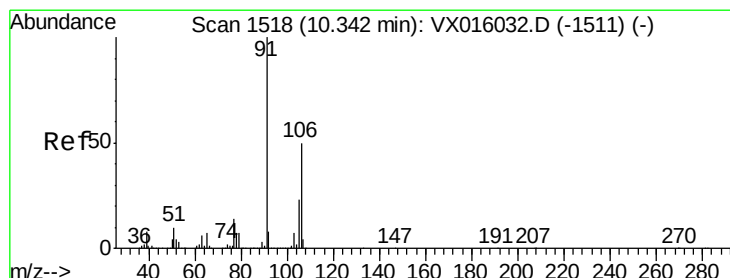
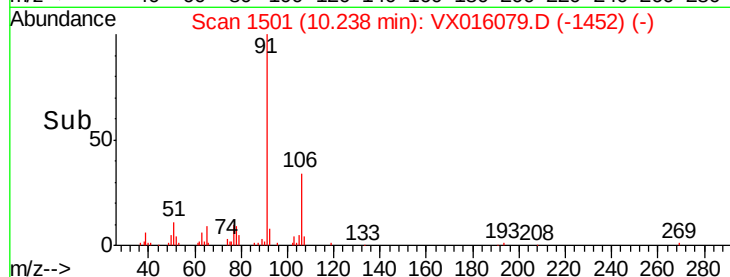
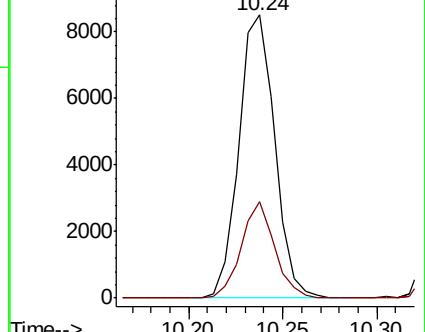
91 100

106 33.9 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX016079.D (-1452) (-)

Ion 106.00 (105.70 to 106.70): VX016079.D (-1452) (-)



#68

m/p-Xylenes

Concen: 1.370 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016079.D

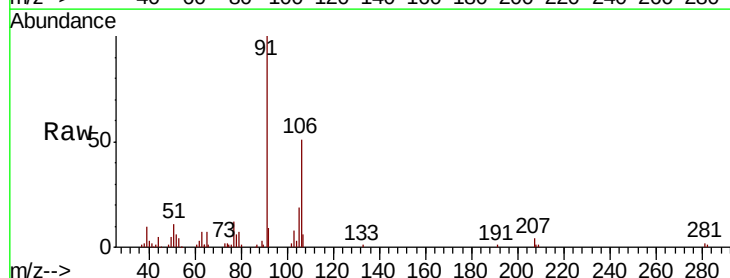
Acq: 06 May 2020 13:27

Tgt Ion: 106 Resp: 8255

Ion Ratio Lower Upper

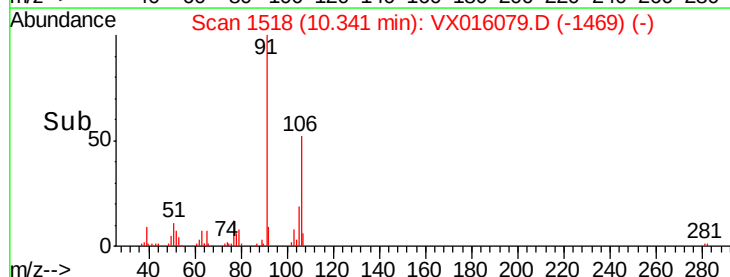
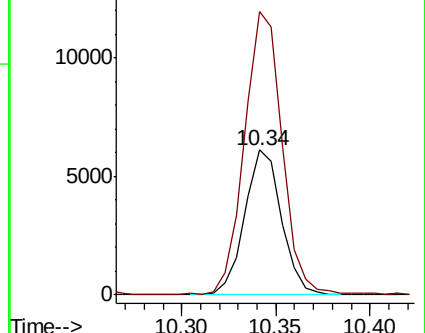
106 100

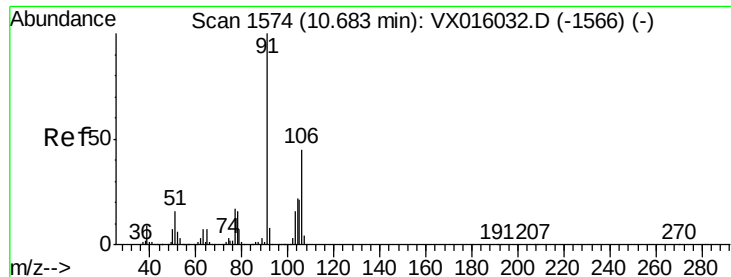
91 201.3 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): VX016079.D (-1469) (-)

Ion 91.00 (90.70 to 91.70): VX016079.D (-1469) (-)

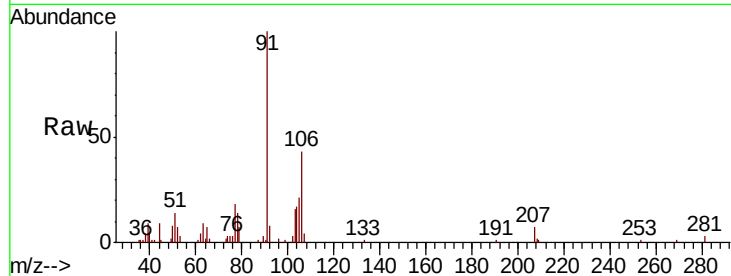




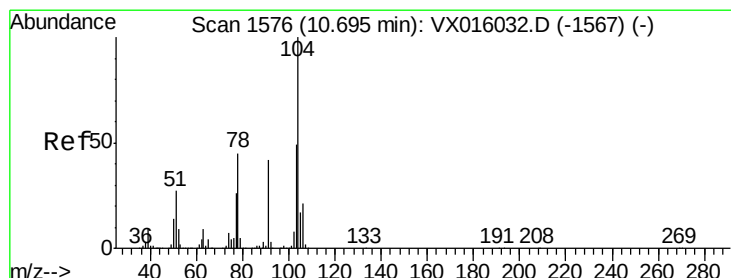
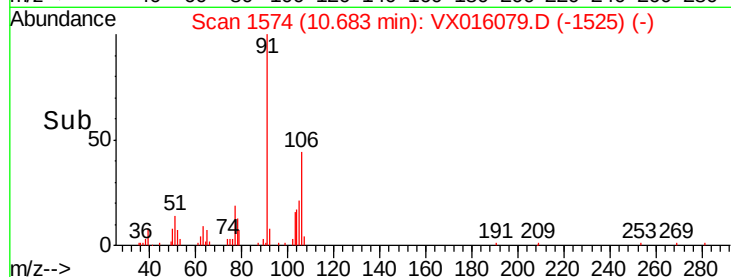
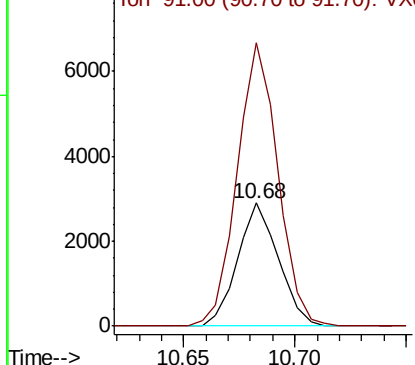
#69
o-Xylene
Concen: 0.636 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016079.D
Acq: 06 May 2020 13:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 3682
Ion Ratio Lower Upper
106 100
91 230.8 107.5 322.6

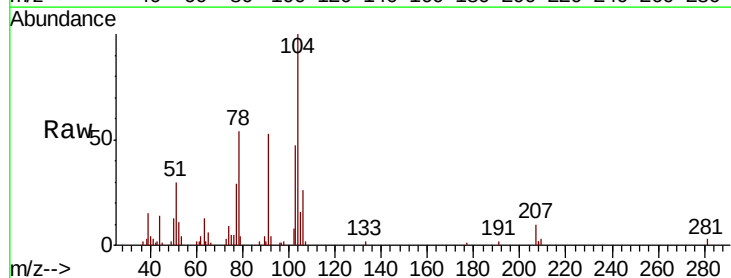


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

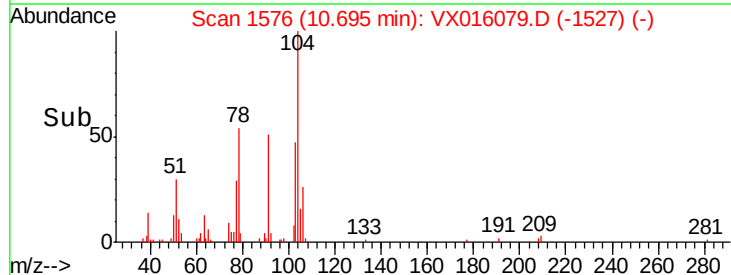
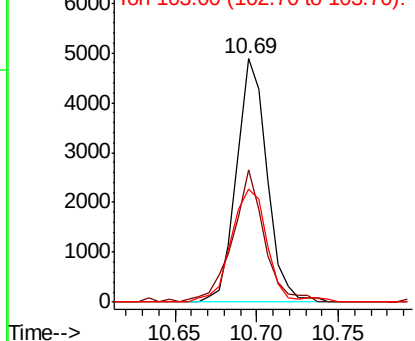


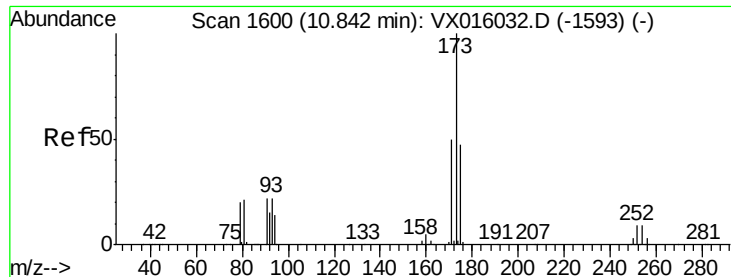
#70
Styrene
Concen: 0.649 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016079.D
Acq: 06 May 2020 13:27

Tgt Ion:104 Resp: 6375
Ion Ratio Lower Upper
104 100
78 56.2 40.2 60.2
103 53.9 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: 0.601 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

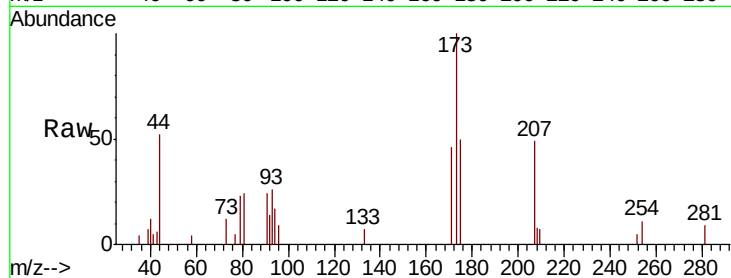
Tot Ion:173 Resp: 1632

Ion Ratio Lower Upper

173 100

175 52.8 24.0 72.0

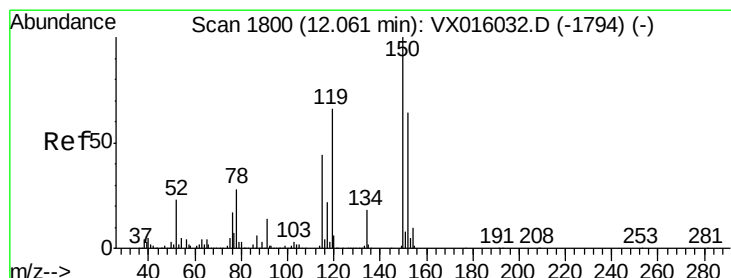
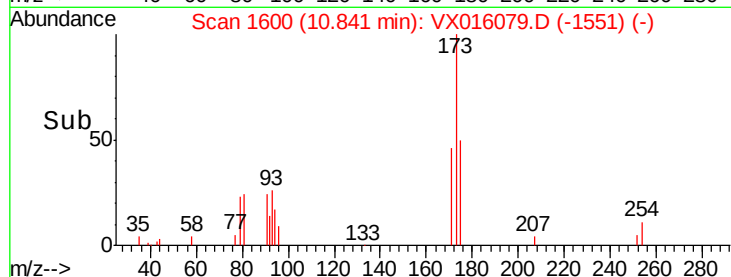
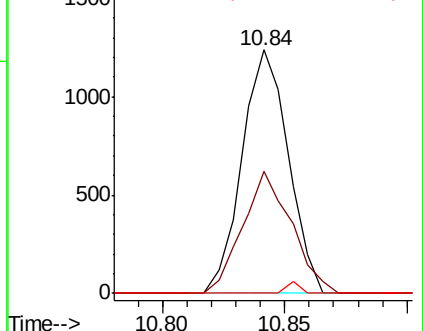
254 1.4 0.1 0.1#



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: VX016079.D

Acq: 06 May 2020 13:27

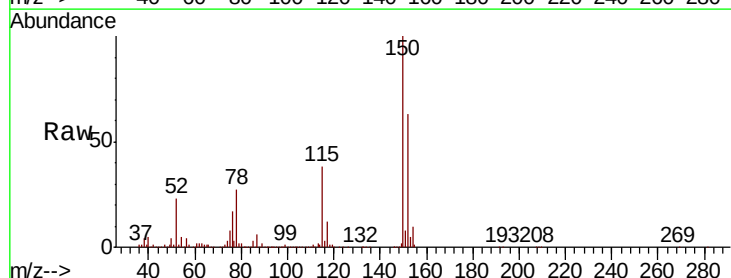
Tgt Ion:152 Resp: 206981

Ion Ratio Lower Upper

152 100

115 59.9 41.3 124.1

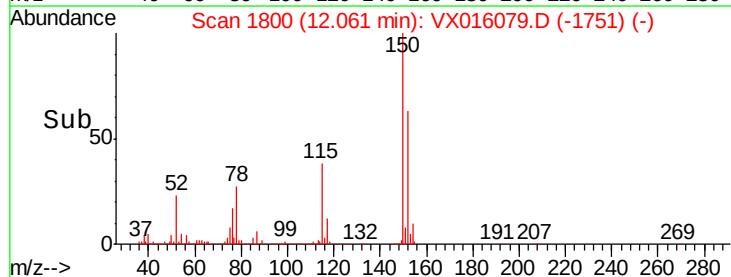
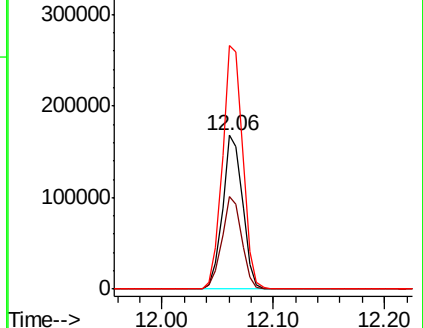
150 161.7 0.0 352.2

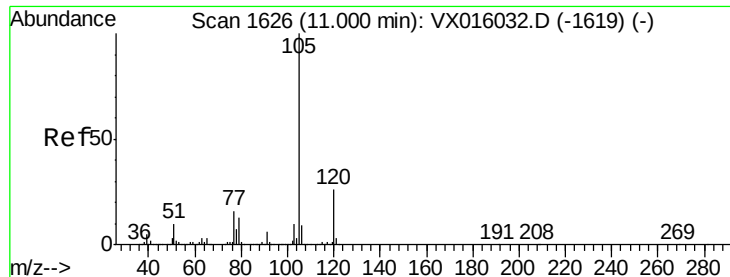


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.678 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

Instrument :

MSVOA_X

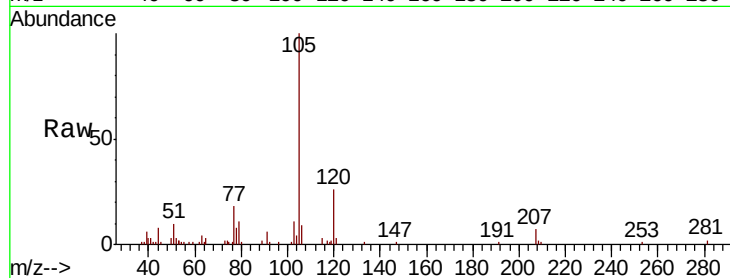
ClientSampleId :

Tot Ion: 105 Resp: 10202

Ion Ratio Lower Upper

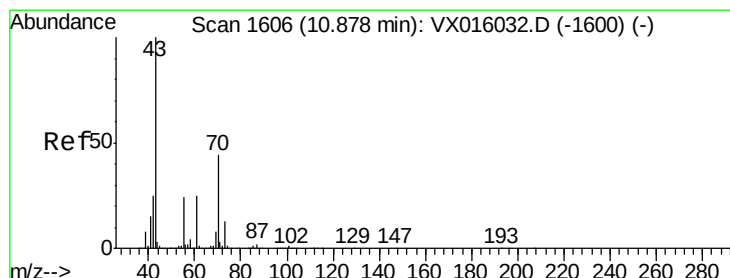
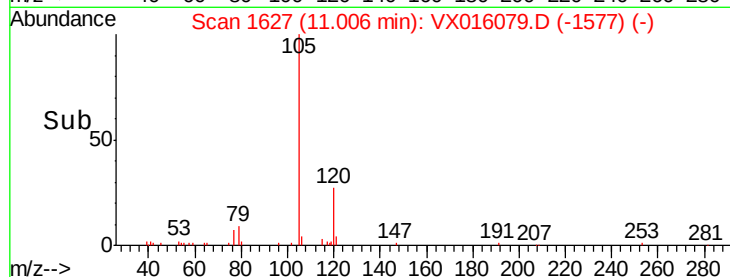
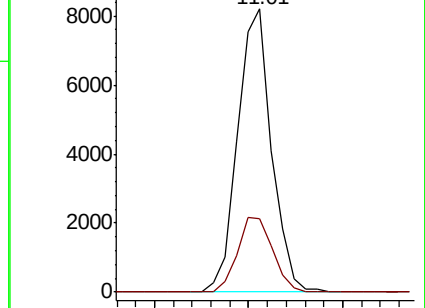
105 100

120 27.2 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: 0.646 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

Tgt Ion: 43 Resp: 4535

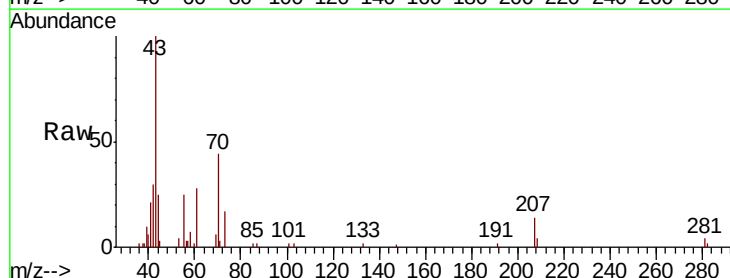
Ion Ratio Lower Upper

43 100

70 42.3 36.5 54.7

55 26.9 19.7 29.5

61 25.8 20.9 31.3

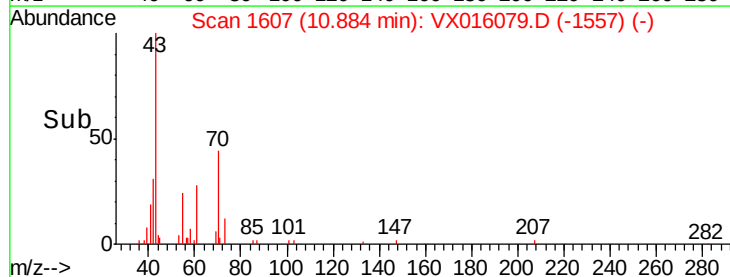
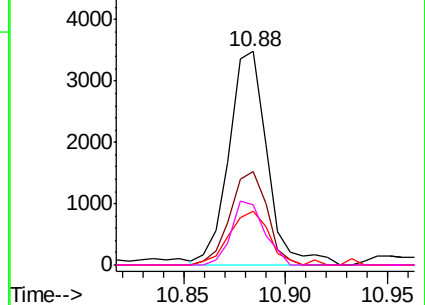


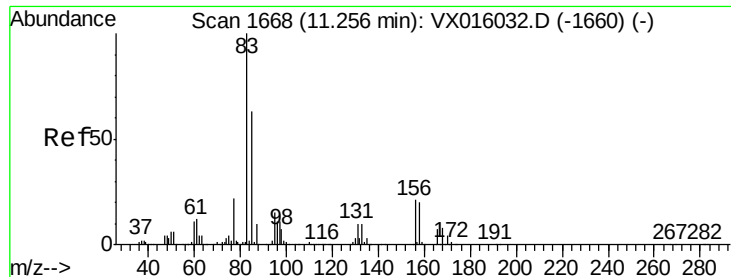
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 0.632 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

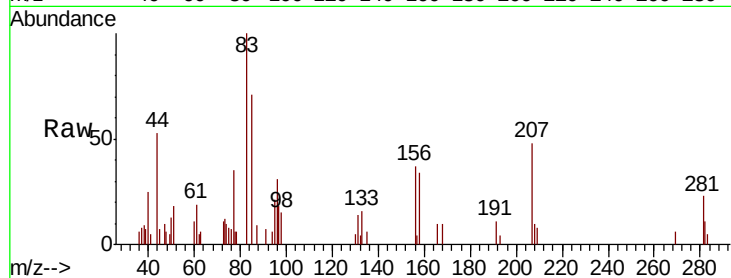
Tot Ion: 83 Resp: 1677

Ion Ratio Lower Upper

83 100

131 11.8 5.1 15.4

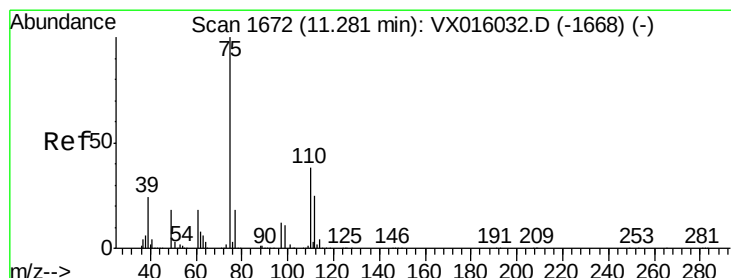
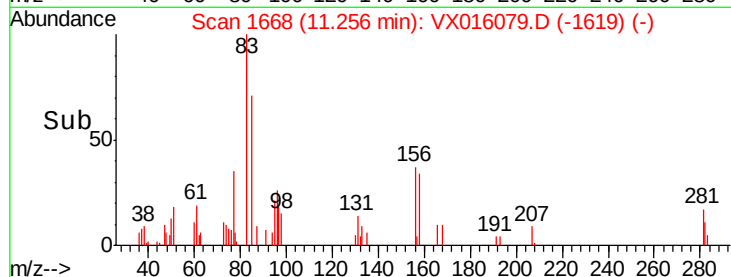
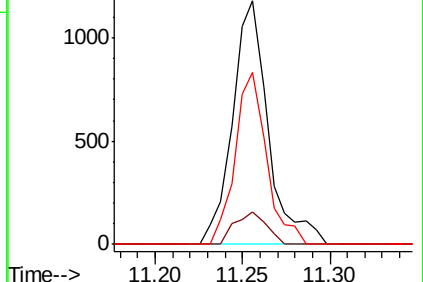
85 62.3 32.0 96.0



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: 0.914 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016079.D

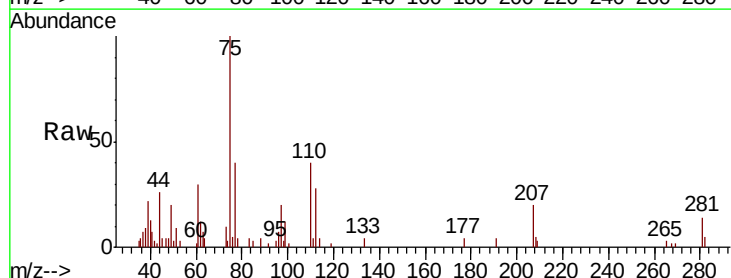
Acq: 06 May 2020 13:27

Tgt Ion: 75 Resp: 4295

Ion Ratio Lower Upper

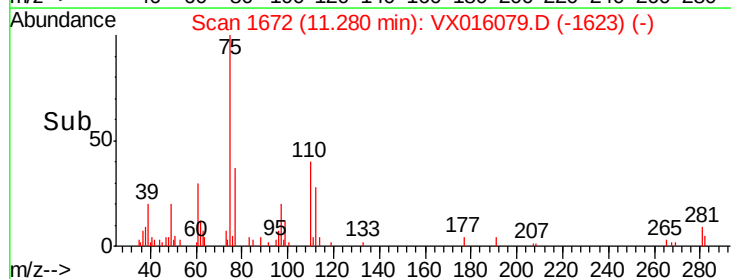
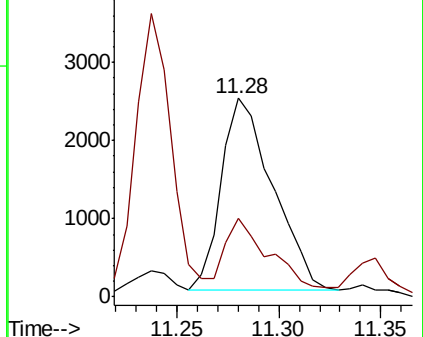
75 100

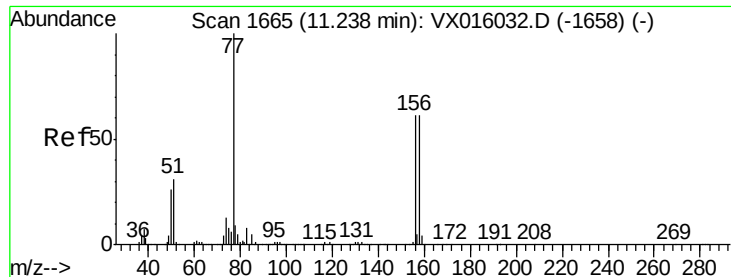
77 37.5 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 0.759 ug/l

RT: 11.24 min Scan# 1666

Delta R.T. 0.01 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

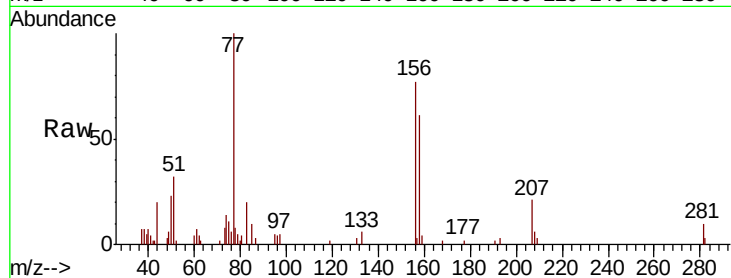
Tot Ion:156 Resp: 2948

Ion Ratio Lower Upper

156 100

77 155.8 80.1 240.3

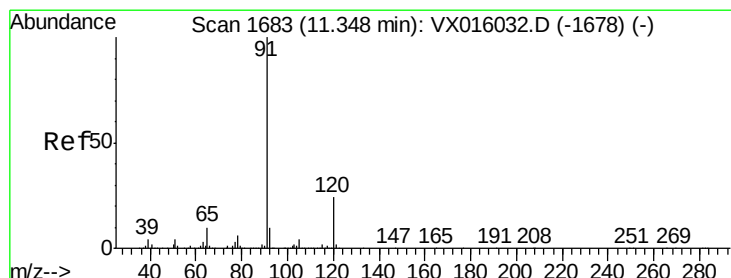
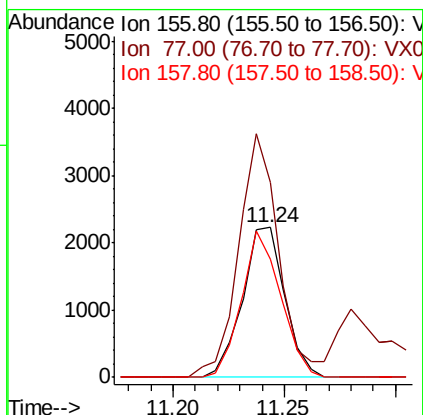
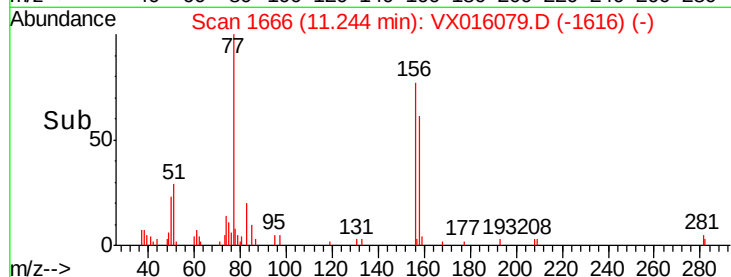
158 90.8 49.4 148.2



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: 0.704 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016079.D

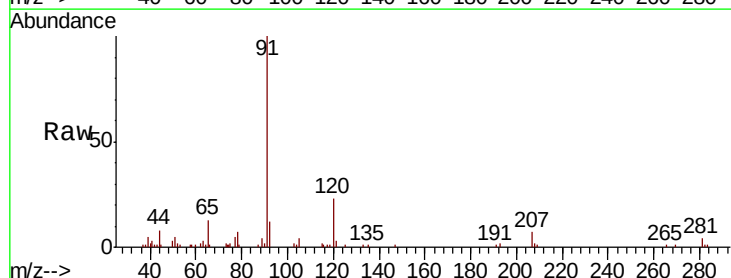
Acq: 06 May 2020 13:27

Tgt Ion: 91 Resp: 12337

Ion Ratio Lower Upper

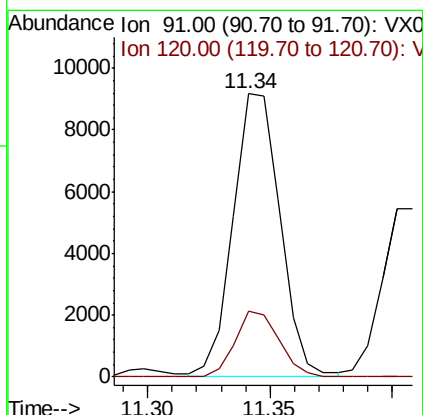
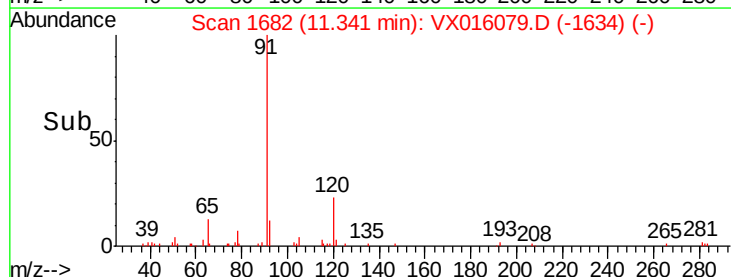
91 100

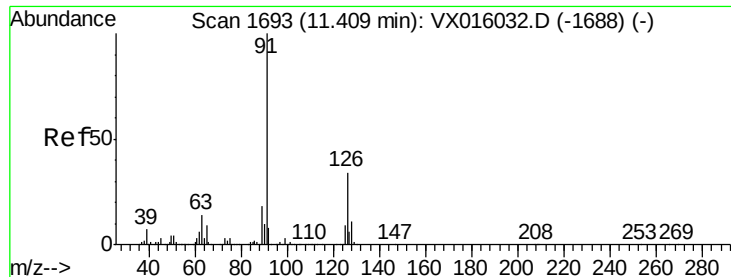
120 21.6 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

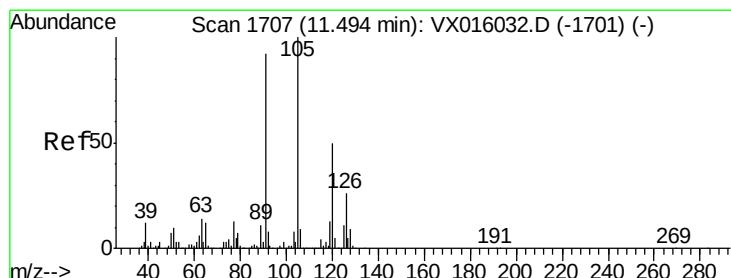
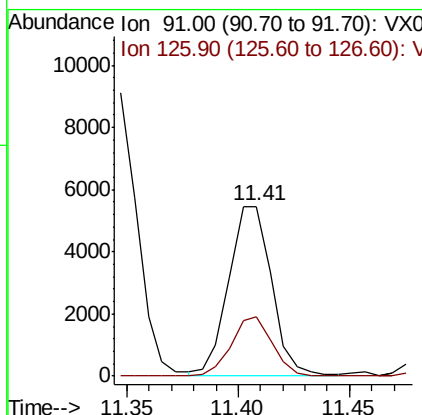
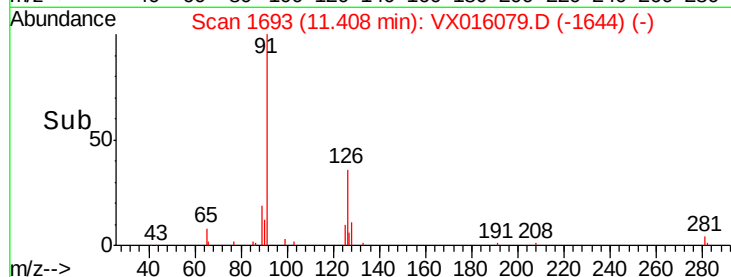
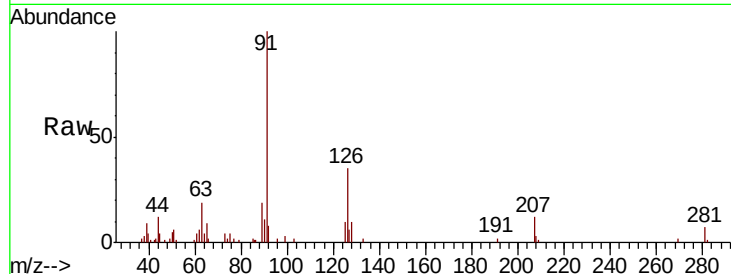




#79
 2-Chlorotoluene
 Concen: 0.714 ug/l
 RT: 11.41 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: VX016079.D
 Acq: 06 May 2020 13:27

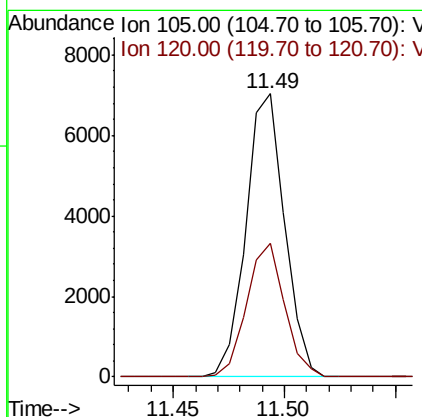
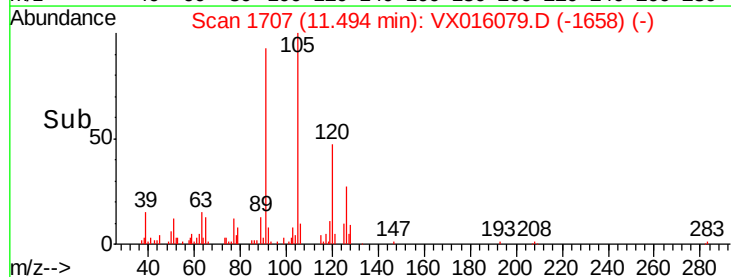
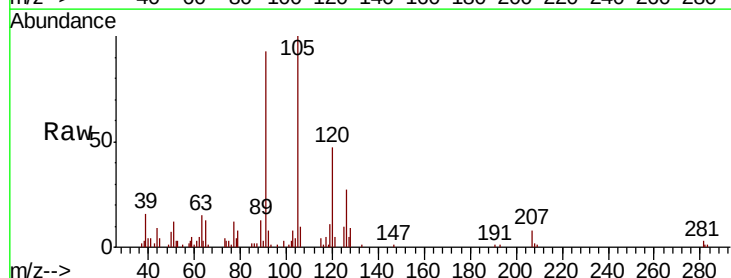
Instrument :
 MSVOA_X
 ClientSampleId :

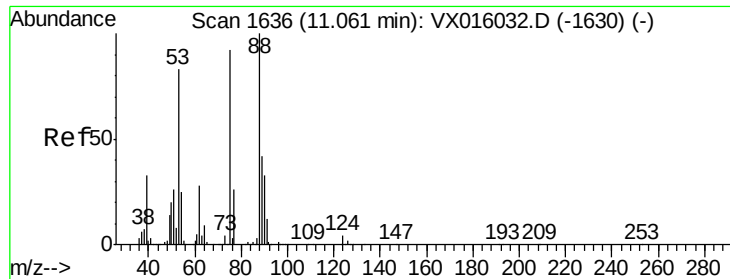
Tot Ion: 91 Resp: 7377
 Ion Ratio Lower Upper
 91 100
 126 33.3 16.9 50.6



#80
 1,3,5-Trimethylbenzene
 Concen: 0.672 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016079.D
 Acq: 06 May 2020 13:27

Tgt Ion: 105 Resp: 8536
 Ion Ratio Lower Upper
 105 100
 120 46.4 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 50.707 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

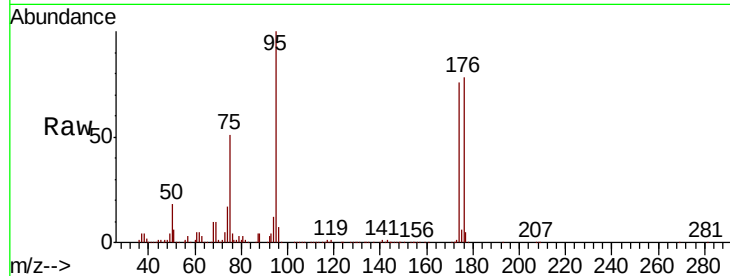
Tot Ion: 75 Resp: 99939

Ion Ratio Lower Upper

75 100

53 0.0 73.1 109.7#

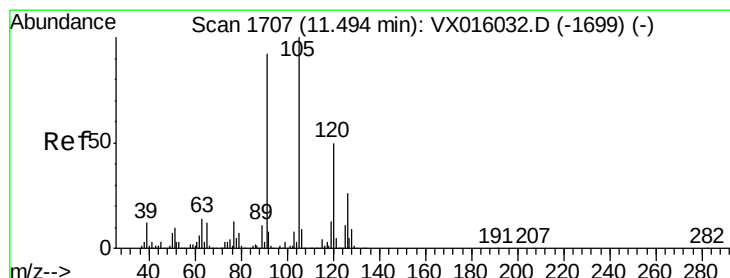
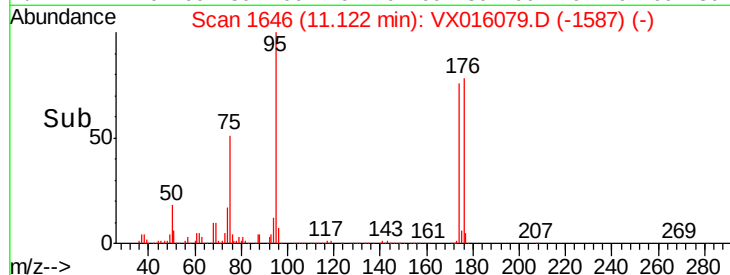
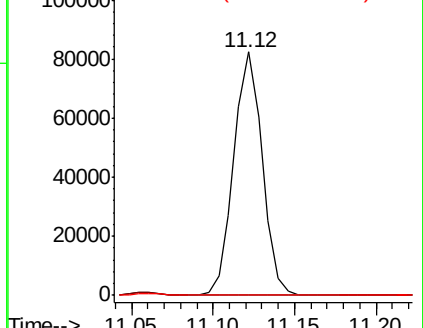
89 0.0 36.7 55.1#



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: 0.733 ug/l

RT: 11.50 min Scan# 1708

Delta R.T. 0.01 min

Lab File: VX016079.D

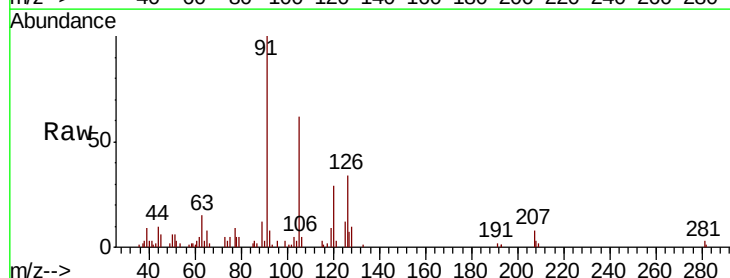
Acq: 06 May 2020 13:27

Tgt Ion: 91 Resp: 8953

Ion Ratio Lower Upper

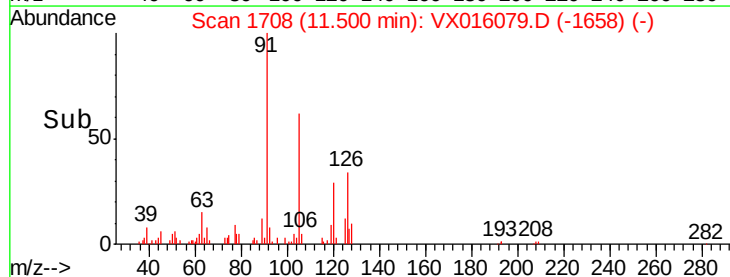
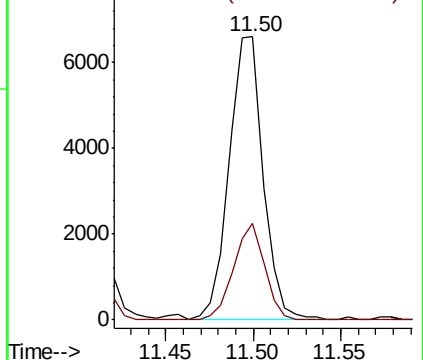
91 100

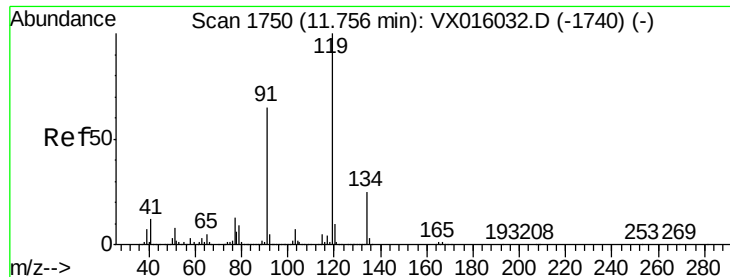
126 30.9 14.8 44.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 0.687 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

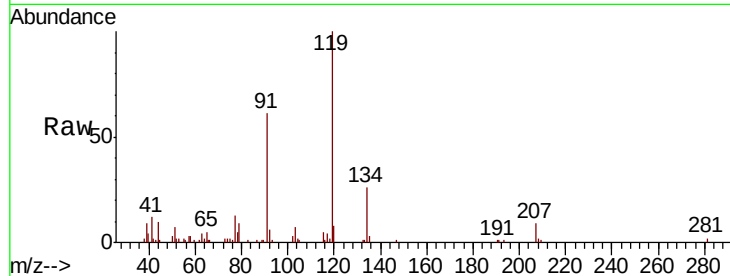
Tot Ion:119 Resp: 7531

Ion Ratio Lower Upper

119 100

91 66.9 32.8 98.4

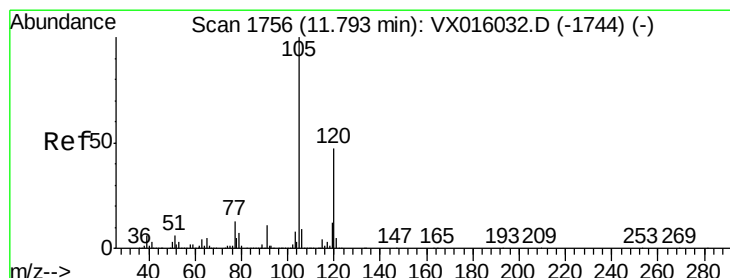
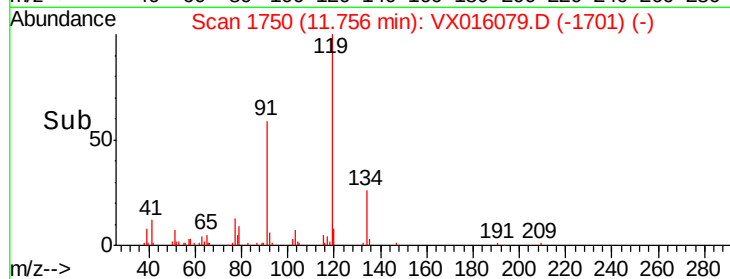
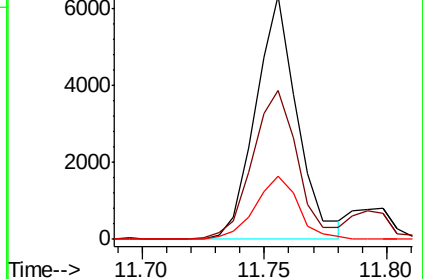
134 26.7 12.4 37.0



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: 0.670 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016079.D

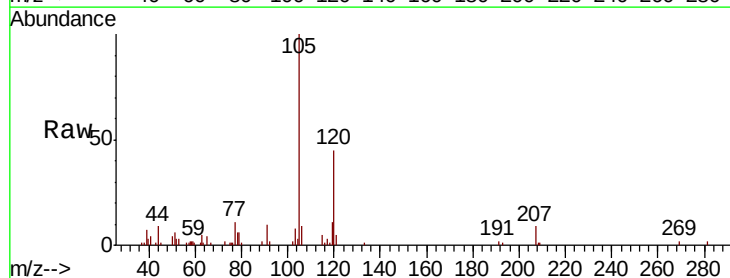
Acq: 06 May 2020 13:27

Tgt Ion:105 Resp: 8612

Ion Ratio Lower Upper

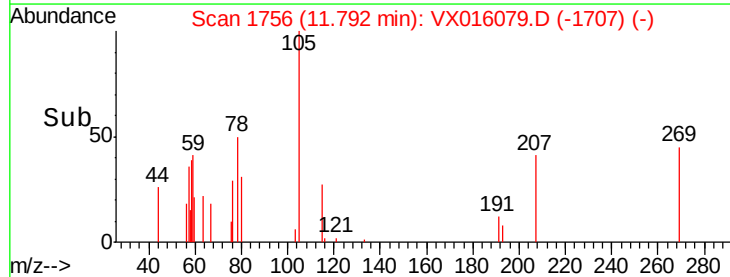
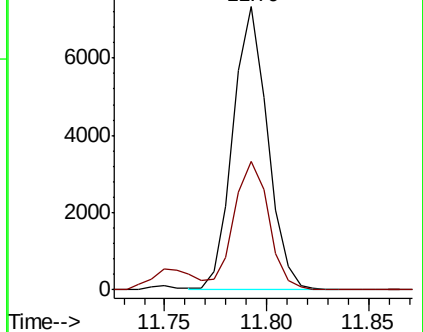
105 100

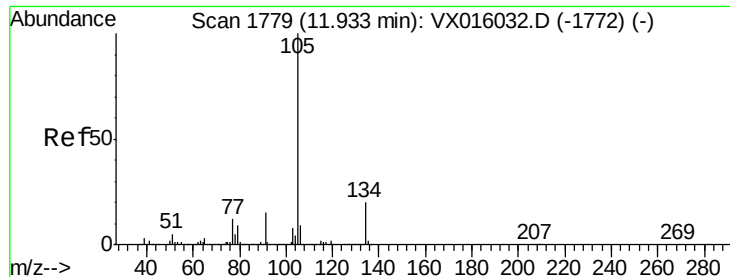
120 45.9 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.645 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

Instrument :

MSVOA_X

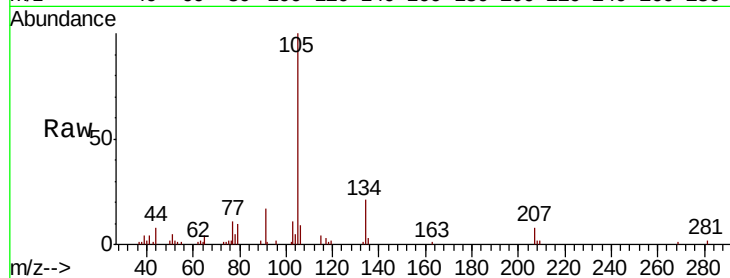
ClientSampled :

Tot Ion:105 Resp: 9539

Ion Ratio Lower Upper

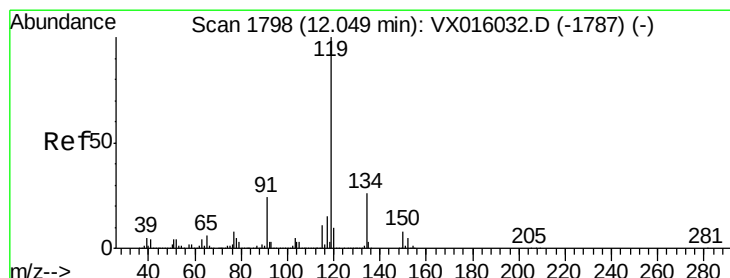
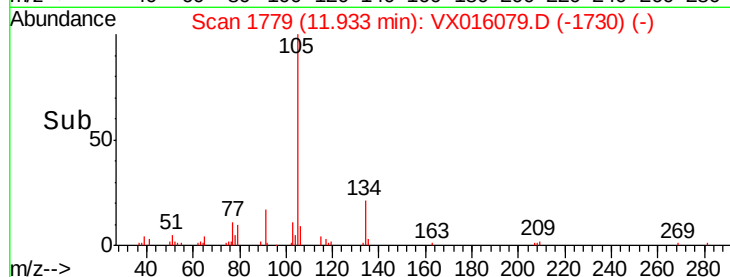
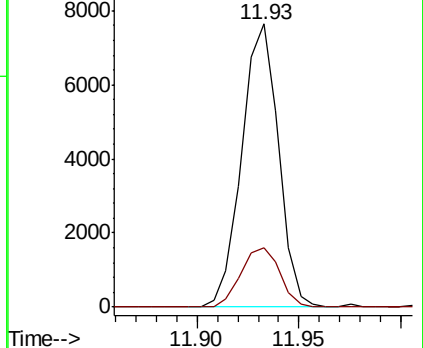
105 100

134 22.0 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: 0.653 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

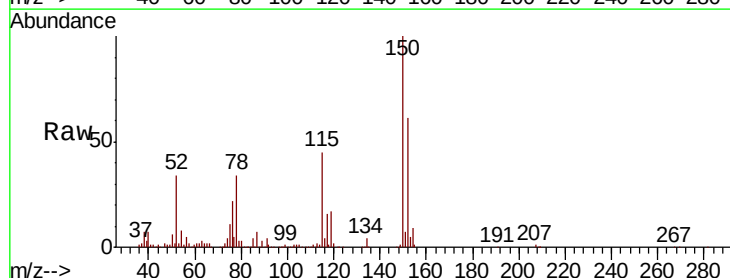
Tgt Ion:119 Resp: 8969

Ion Ratio Lower Upper

119 100

134 27.4 13.1 39.3

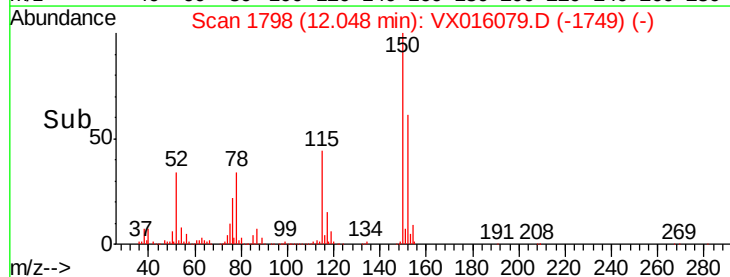
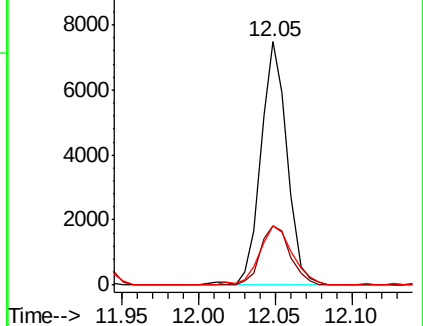
91 30.7 11.8 35.4

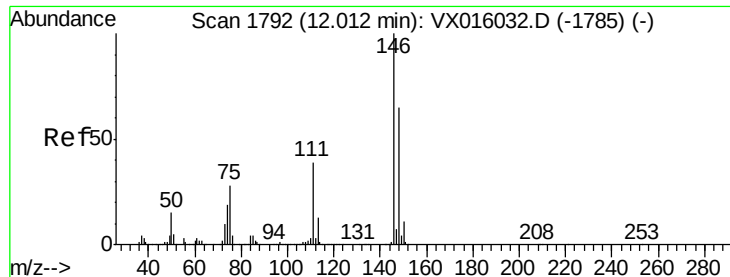


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 0.690 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016079.D

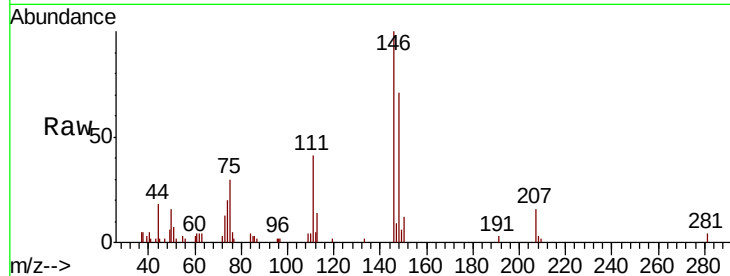
Acq: 06 May 2020 13:27

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:146	Resp:	4811
Ion	Ratio	Lower Upper
146	100	
111	43.2	20.2 60.6
148	69.7	32.1 96.3

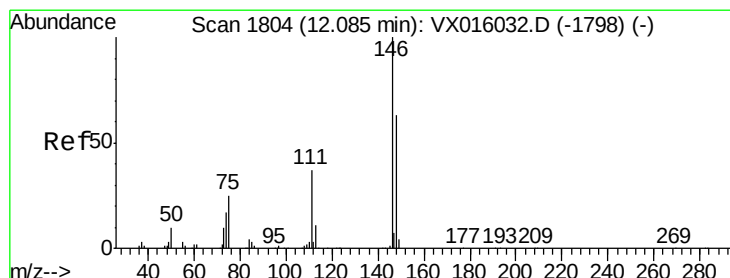
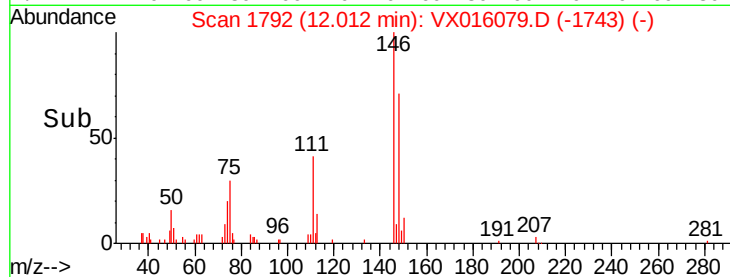
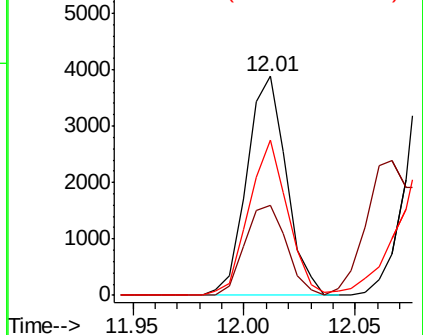


Abundance

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



#88

1,4-Dichlorobenzene

Concen: 0.679 ug/l

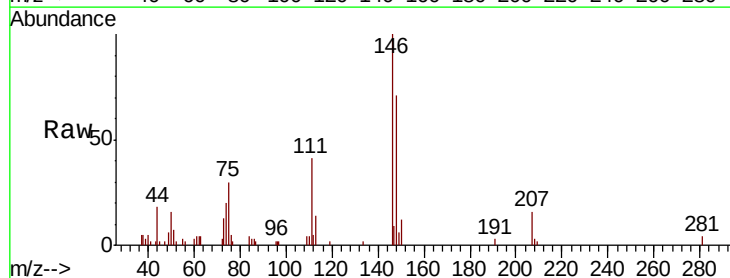
RT: 12.01 min Scan# 1792

Delta R.T. -0.07 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

Tgt Ion:146	Resp:	4811
Ion	Ratio	Lower Upper
146	100	
111	43.2	19.6 58.7
148	69.7	31.8 95.3

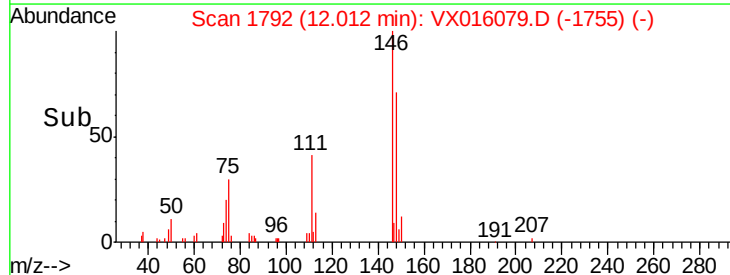
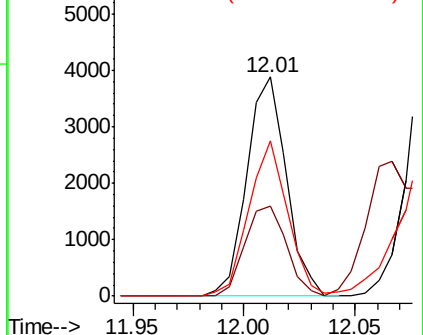


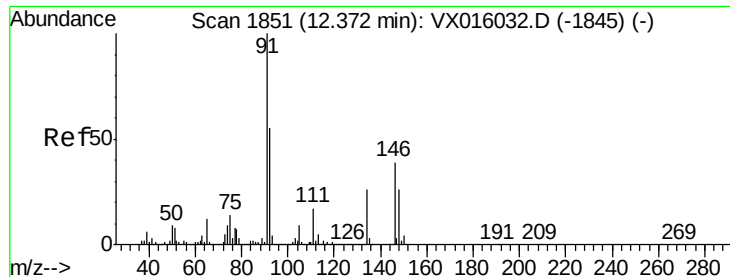
Abundance

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

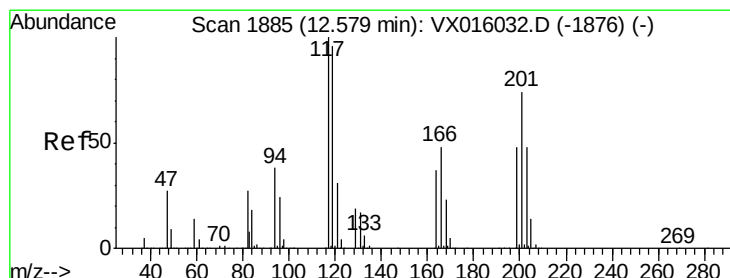
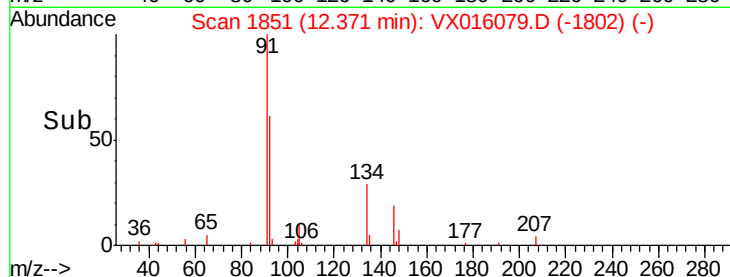
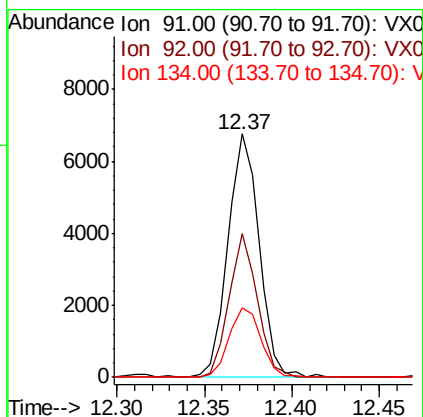
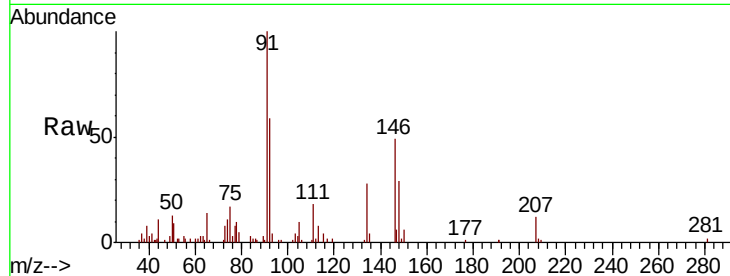




#89
n-Butylbenzene
Concen: 0.669 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016079.D
Acq: 06 May 2020 13:27

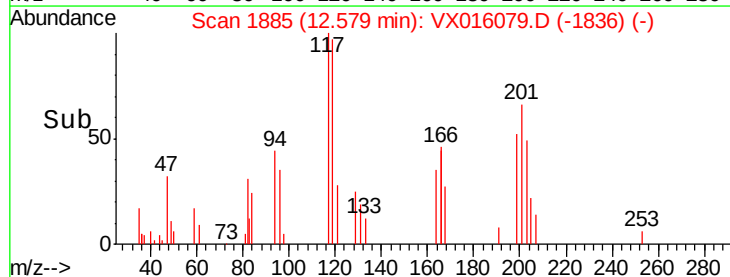
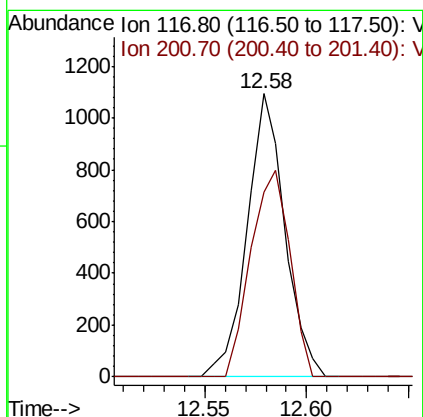
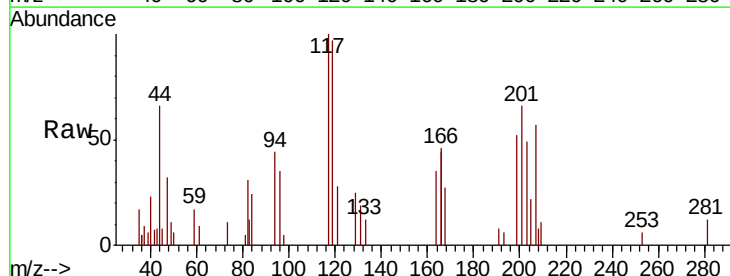
Instrument :
MSVOA_X
ClientSampleId :

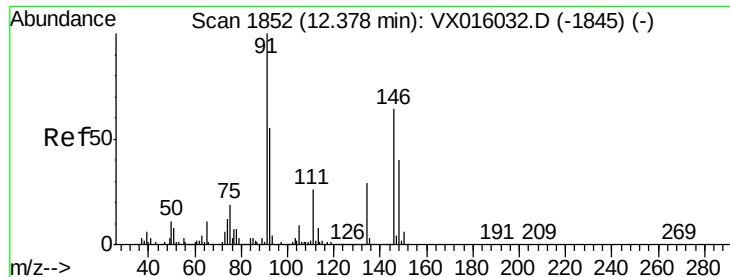
Tot Ion: 91 Resp: 8392
Ion Ratio Lower Upper
91 100
92 53.4 27.6 82.7
134 29.0 13.4 40.1



#90
Hexachloroethane
Concen: 0.597 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016079.D
Acq: 06 May 2020 13:27

Tgt Ion: 117 Resp: 1409
Ion Ratio Lower Upper
117 100
201 75.4 39.8 119.3

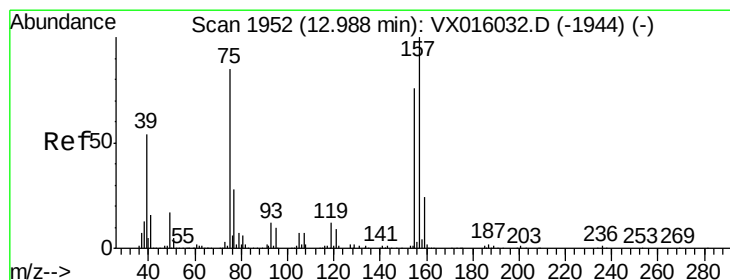
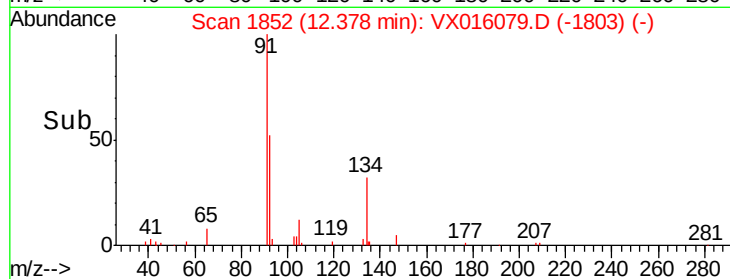
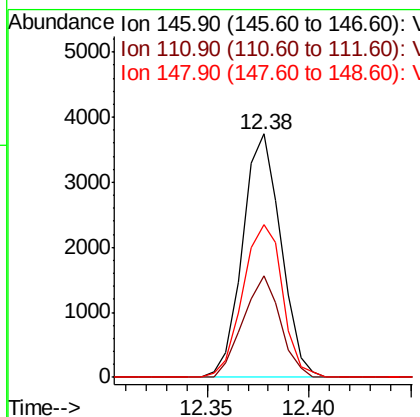
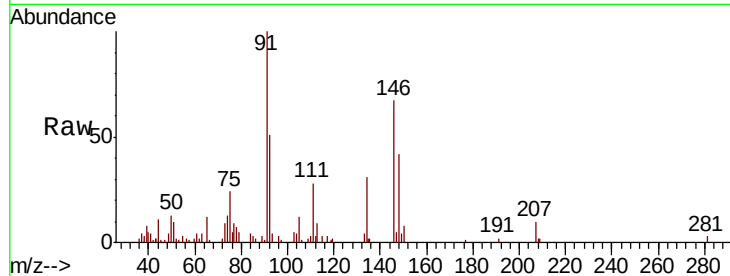




#91
 1,2-Dichlorobenzene
 Concen: 0.725 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016079.D
 Acq: 06 May 2020 13:27

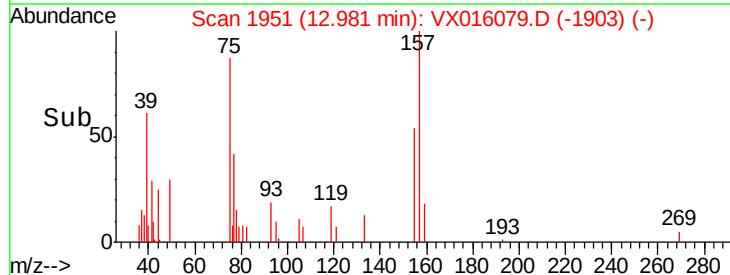
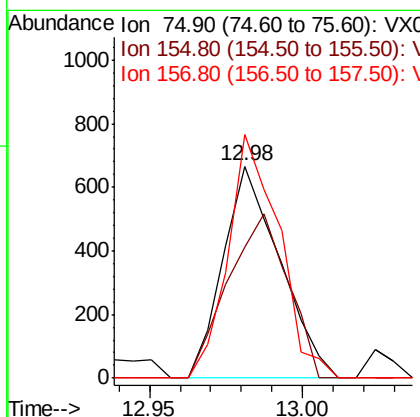
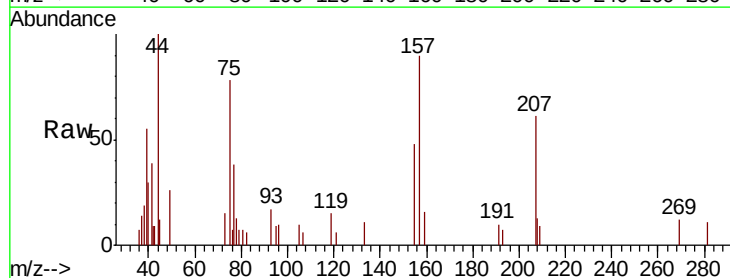
Instrument :
 MSVOA_X
 ClientSampled :

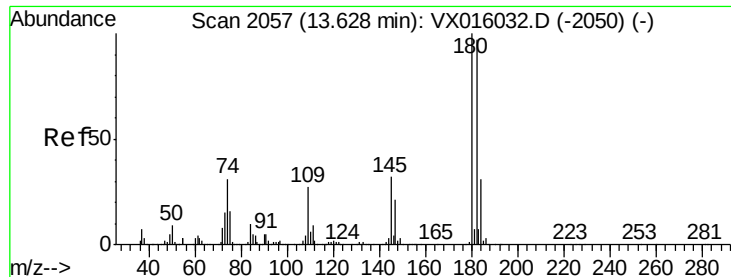
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	21.1	63.1
148	65.4	32.4	97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.693 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016079.D
 Acq: 06 May 2020 13:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.8	42.5	127.5
157	102.6	55.3	165.8

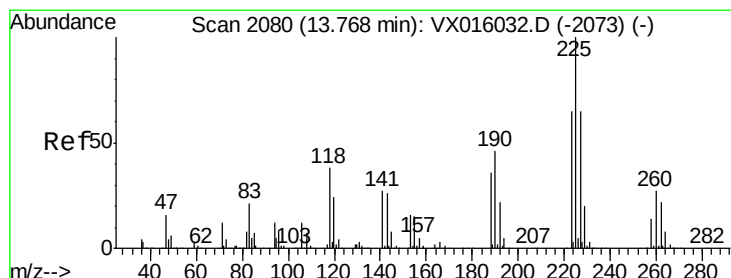
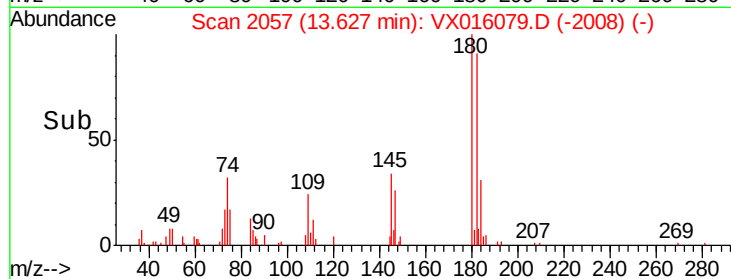
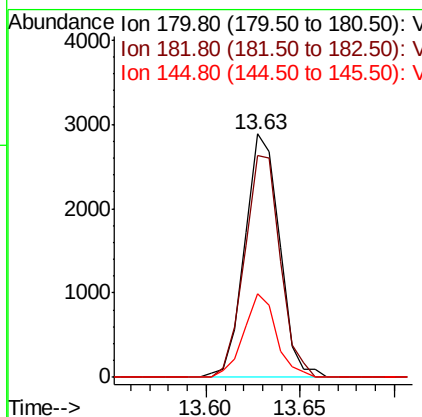
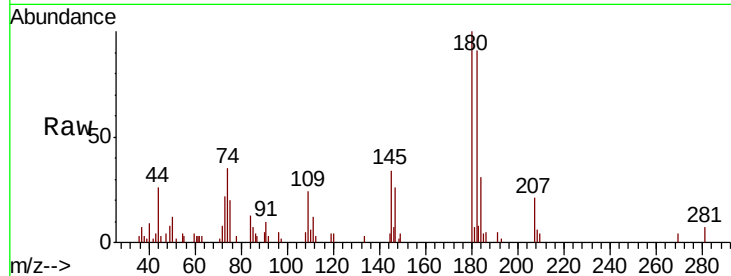




#93
 1,2,4-Trichlorobenzene
 Concen: 0.743 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016079.D
 Acq: 06 May 2020 13:27

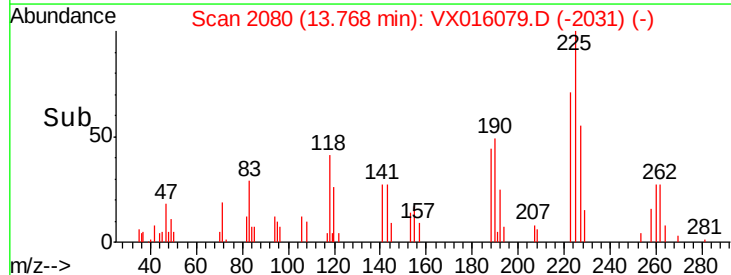
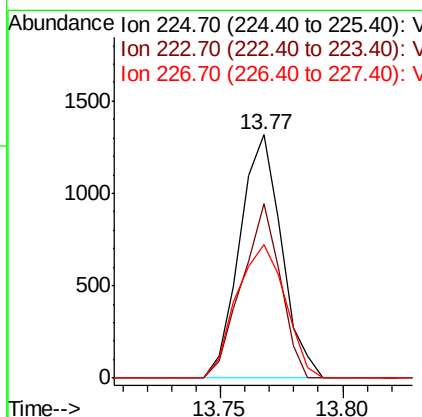
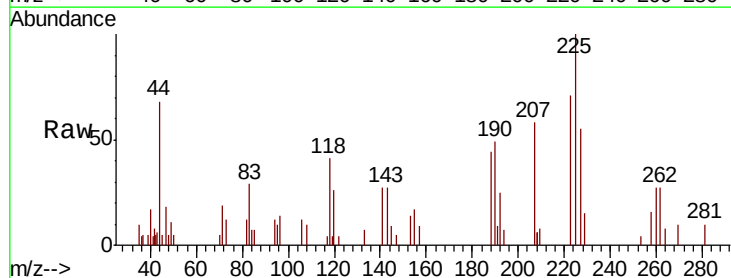
Instrument :
 MSVOA_X
 ClientSampleId :

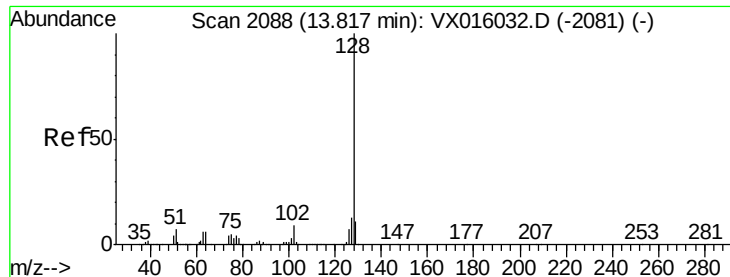
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.4	48.7	146.1
145	32.2	15.7	47.1



#94
 Hexachlorobutadiene
 Concen: 0.681 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016079.D
 Acq: 06 May 2020 13:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.9	32.3	96.9
227	64.0	31.8	95.4





#95

Naphthalene

Concen: 0.677 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

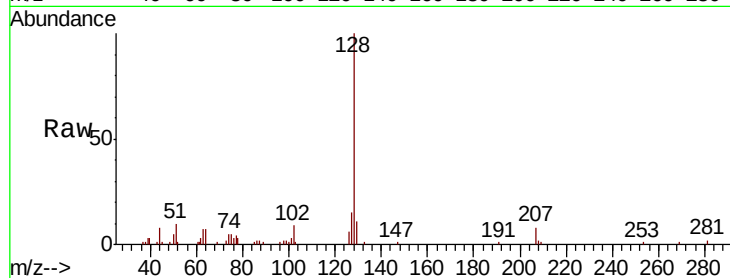
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:128 Resp: 10900

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.4
129	11.0	8.7	13.1

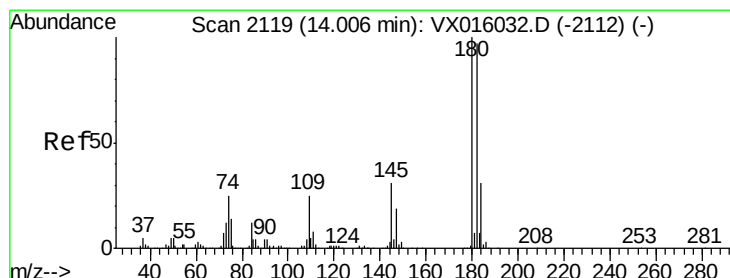
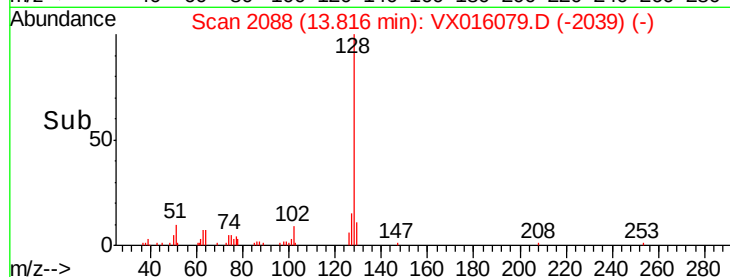
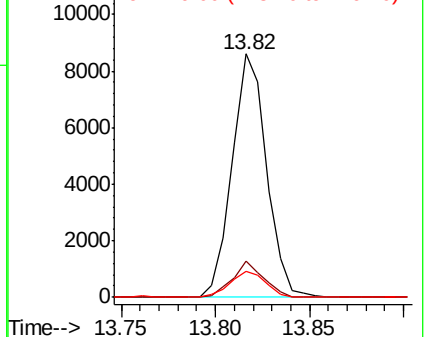


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.751 ug/l

RT: 14.01 min Scan# 2119

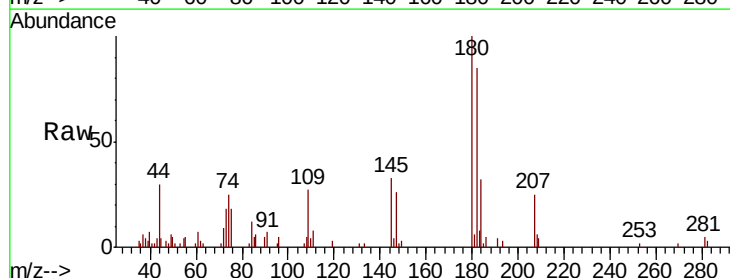
Delta R.T. -0.00 min

Lab File: VX016079.D

Acq: 06 May 2020 13:27

Tgt Ion:180 Resp: 3650

Ion	Ratio	Lower	Upper
180	100		
182	88.5	48.4	145.0
145	30.1	16.4	49.1



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

