

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042820\
 Data File : VX015961.D
 Acq On : 28 Apr 2020 15:01
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 28 17:21:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:15:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	269227	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	419660	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	379726	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	194711	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	5289	1.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3.00%	
35) Dibromofluoromethane	5.46	113	3933	1.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3.00%	
50) Toluene-d8	8.70	98	13474	1.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.76%	
62) 4-Bromofluorobenzene	11.12	95	5009	1.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.60%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	2181	0.905	ug/l 96
3) Chloromethane	1.31	50	3340	1.144	ug/l 99
4) Vinyl Chloride	1.39	62	3342	1.008	ug/l 94
5) Bromomethane	1.63	94	3044	1.367	ug/l 85
6) Chloroethane	1.72	64	2441	1.107	ug/l 97
7) Trichlorofluoromethane	1.92	101	5052	1.008	ug/l 95
8) Diethyl Ether	2.17	74	2418	1.156	ug/l 92
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2704	1.082	ug/l 99
10) Methyl Iodide	2.49	142	3178	0.912	ug/l 99
11) Tert butyl alcohol	3.01	59	4461	5.221	ug/l 96
12) 1,1-Dichloroethene	2.36	96	2867	1.113	ug/l 97
13) Acrolein	2.27	56	1480	6.892	ug/l # 82
14) Allyl chloride	2.71	41	4673	1.006	ug/l 97
15) Acrylonitrile	3.11	53	8469	4.999	ug/l 96
16) Acetone	2.42	43	7900	5.248	ug/l 97
17) Carbon Disulfide	2.55	76	12038	1.459	ug/l 98
18) Methyl Acetate	2.75	43	4306	1.008	ug/l 91
19) Methyl tert-butyl Ether	3.16	73	9055	0.972	ug/l 91
20) Methylene Chloride	2.83	84	3427	1.150	ug/l 92
21) trans-1,2-Dichloroethene	3.14	96	3375	1.163	ug/l 89
22) Diisopropyl ether	3.82	45	8849	0.969	ug/l # 98
23) Vinyl Acetate	3.78	43	36026	4.542	ug/l 99
24) 1,1-Dichloroethane	3.67	63	4965	0.976	ug/l 98
25) 2-Butanone	4.64	43	11797	4.836	ug/l 96
26) 2,2-Dichloropropane	4.54	77	4507	0.969	ug/l 91
27) cis-1,2-Dichloroethene	4.56	96	3584	1.088	ug/l 97
28) Bromochloromethane	4.98	49	2706	1.099	ug/l # 96
29) Tetrahydrofuran	5.10	42	8153	5.100	ug/l 98
30) Chloroform	5.18	83	5342	1.010	ug/l 100
31) Cyclohexane	5.55	56	4807	1.061	ug/l 87
32) 1,1,1-Trichloroethane	5.46	97	4852	0.996	ug/l # 46
36) 1,1-Dichloropropene	5.77	75	4655	1.165	ug/l 92
37) Ethyl Acetate	4.79	43	4360	0.951	ug/l # 95
38) Carbon Tetrachloride	5.74	117	4241	1.005	ug/l 98

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 ClientSampleId :

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 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:15:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	4862	1.052	ug/l	97
40) Benzene	6.11	78	11892	1.043	ug/l	98
41) Methacrylonitrile	5.00	41	2565	1.046	ug/l #	56
42) 1,2-Dichloroethane	6.17	62	4724	1.069	ug/l	98
43) Isopropyl Acetate	6.41	43	7595	1.001	ug/l	98
44) Trichloroethene	7.19	130	4753	1.156	ug/l	98
45) 1,2-Dichloropropane	7.49	63	3059	1.038	ug/l	98
46) Dibromomethane	7.64	93	2184	1.043	ug/l	96
47) Bromodichloromethane	7.87	83	3995	0.960	ug/l	95
48) Methyl methacrylate	7.75	41	3142	0.897	ug/l #	85
49) 1,4-Dioxane	7.72	88	1752	21.253	ug/l #	88
51) 4-Methyl-2-Pentanone	8.62	43	20904	4.541	ug/l	98
52) Toluene	8.76	92	7279	1.005	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	5135	1.040	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	5231	1.030	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	2865	0.990	ug/l	92
56) Ethyl methacrylate	9.16	69	4248	0.903	ug/l #	91
57) 1,3-Dichloropropane	9.35	76	4942	0.994	ug/l #	85
58) 2-Chloroethyl Vinyl ether	8.29	63	11747	4.832	ug/l	98
59) 2-Hexanone	9.47	43	16298	4.530	ug/l	100
60) Dibromochloromethane	9.57	129	2915	0.900	ug/l	96
61) 1,2-Dibromoethane	9.66	107	3045	0.971	ug/l	99
64) Tetrachloroethene	9.32	164	4891	1.086	ug/l	95
65) Chlorobenzene	10.12	112	8101	1.047	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	2795	0.956	ug/l #	65
67) Ethyl Benzene	10.24	91	14198	1.031	ug/l	98
68) m/p-Xylenes	10.34	106	10549	2.018	ug/l	97
69) o-Xylene	10.68	106	4770	0.961	ug/l	88
70) Styrene	10.70	104	8026	0.943	ug/l	98
71) Bromoform	10.84	173	1966	0.830	ug/l #	97
73) Isopropylbenzene	11.00	105	13567	1.024	ug/l	100
74) N-amyl acetate	10.88	43	6206	0.971	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	1846	0.719	ug/l	88
76) 1,2,3-Trichloropropane	11.28	75	5542	1.087	ug/l	82
77) Bromobenzene	11.24	156	3468	1.017	ug/l	97
78) n-propylbenzene	11.34	91	15402	1.011	ug/l	96
79) 2-Chlorotoluene	11.40	91	9645	1.062	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	10691	0.958	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.06	75	1843	1.066	ug/l	91
82) 4-Chlorotoluene	11.49	91	11352	1.045	ug/l	97
83) tert-Butylbenzene	11.76	119	9239	0.960	ug/l	94
84) 1,2,4-Trimethylbenzene	11.79	105	10509	0.936	ug/l	96
85) sec-Butylbenzene	11.93	105	12688	0.979	ug/l	97
86) p-Isopropyltoluene	12.05	119	12043	0.992	ug/l	94
87) 1,3-Dichlorobenzene	12.01	146	6808	1.095	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	7071	1.125	ug/l	90
89) n-Butylbenzene	12.37	91	11024	1.005	ug/l	98
90) Hexachloroethane	12.58	117	2015	0.939	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	6219	1.046	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	1185	1.084	ug/l	79

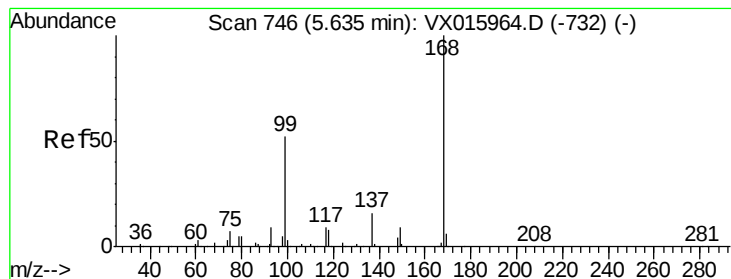
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042820\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	4966	1.113	ug/l	97
94) Hexachlorobutadiene	13.76	225	2222	1.114	ug/l	96
95) Naphthalene	13.82	128	13897	0.987	ug/l	97
96) 1,2,3-Trichlorobenzene	14.01	180	4565	1.062	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX015961.D

Acq: 28 Apr 2020 15:01

Instrument :

MSVOA_X

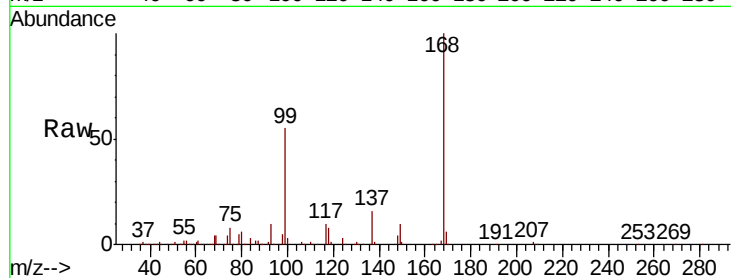
ClientSampleId :

Tot Ion:168 Resp: 269227

Ion Ratio Lower Upper

168 100

99 54.7 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

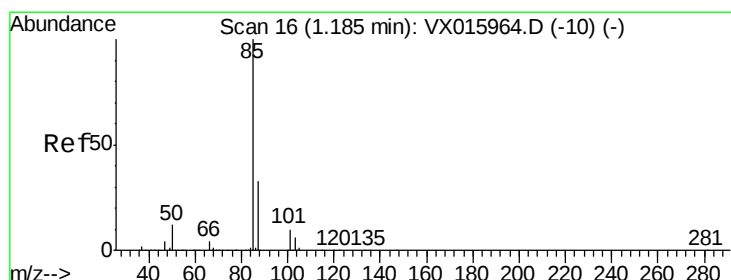
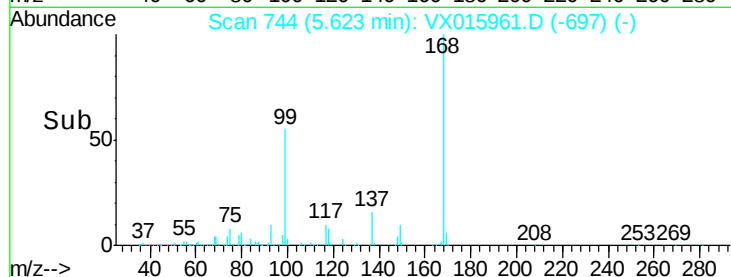
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.905 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX015961.D

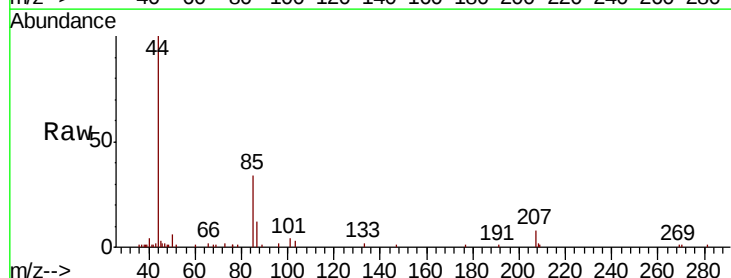
Acq: 28 Apr 2020 15:01

Tgt Ion: 85 Resp: 2181

Ion Ratio Lower Upper

85 100

87 35.9 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

2500

2000

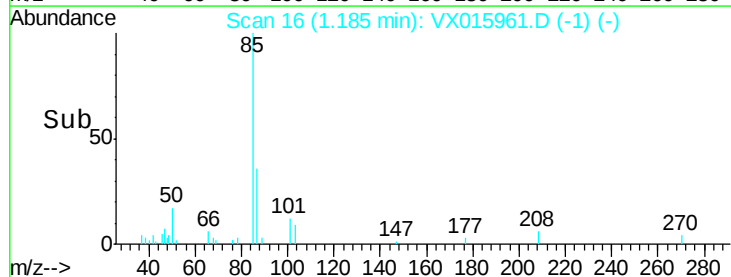
1500

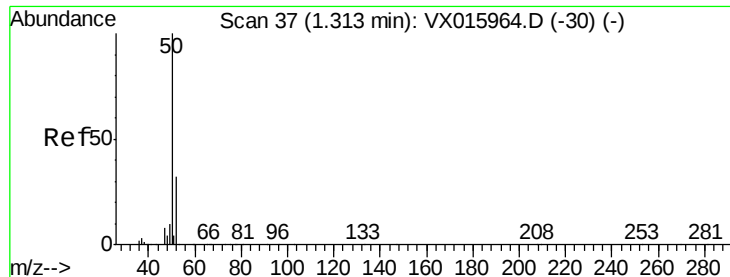
1000

500

0

Time-->





#3

Chloromethane

Concen: 1.144 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX015961.D

Acq: 28 Apr 2020 15:01

Instrument :

MSVOA_X

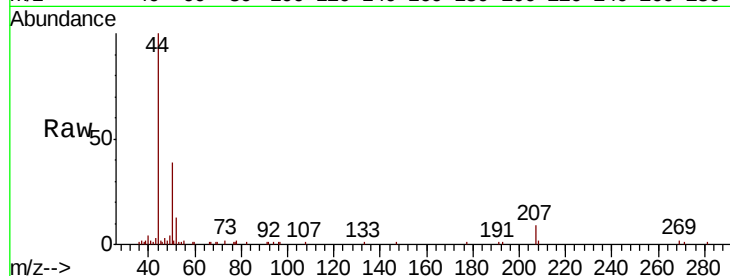
ClientSampleId :

Tot Ion: 50 Resp: 3340

Ion Ratio Lower Upper

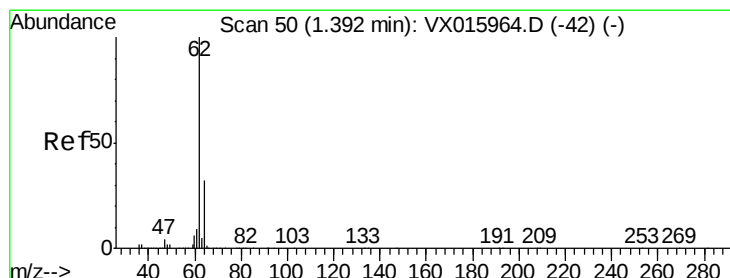
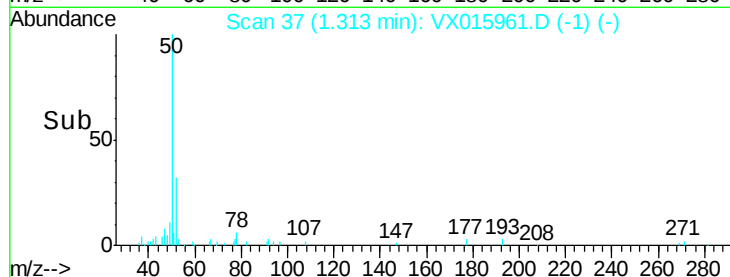
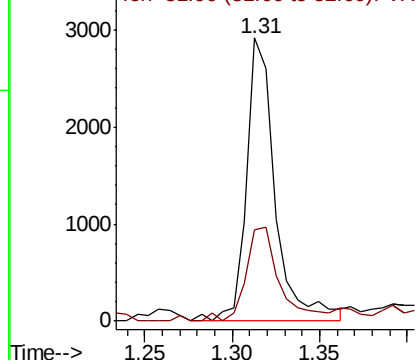
50 100

52 32.4 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 1.008 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015961.D

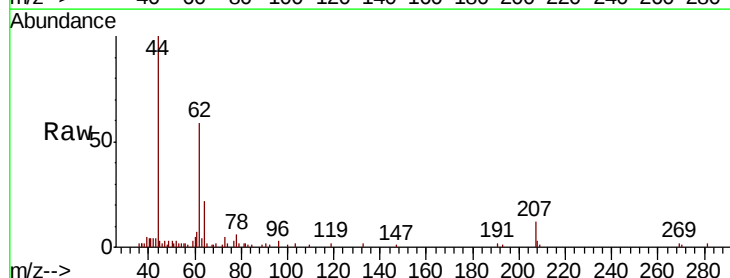
Acq: 28 Apr 2020 15:01

Tgt Ion: 62 Resp: 3342

Ion Ratio Lower Upper

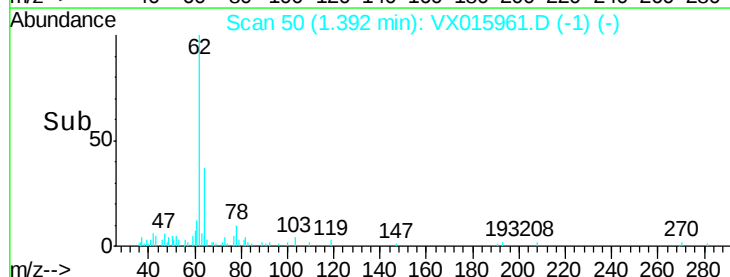
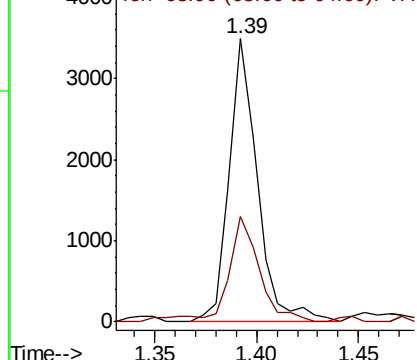
62 100

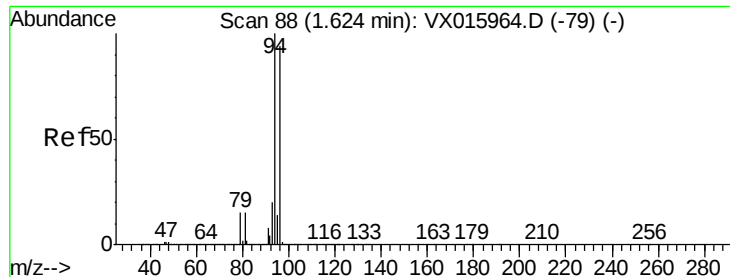
64 35.5 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 1.367 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX015961.D

Acq: 28 Apr 2020 15:01

Instrument :

MSVOA_X

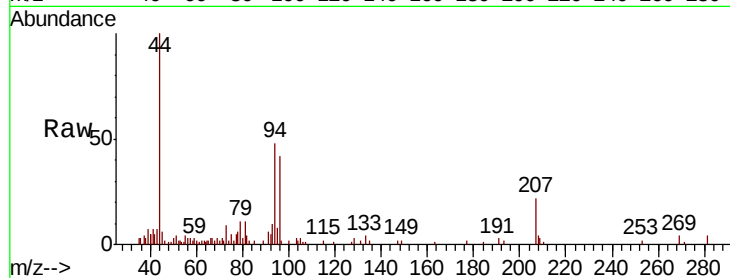
ClientSampleId :

Tot Ion: 94 Resp: 3044

Ion Ratio Lower Upper

94 100

96 79.3 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

2500

2000

1500

1000

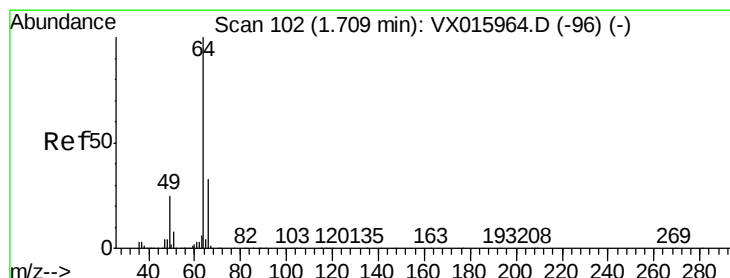
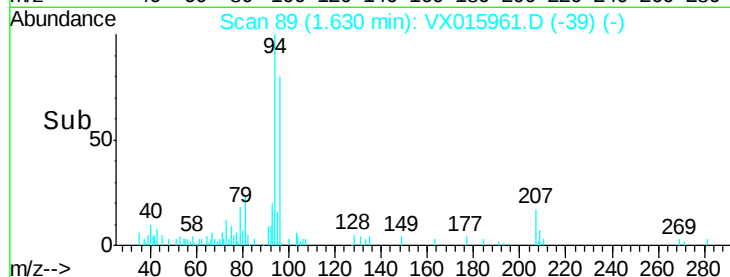
500

0

1.60

1.65

Time-->



#6

Chloroethane

Concen: 1.107 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX015961.D

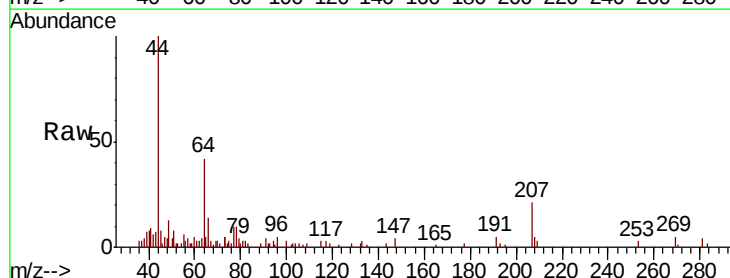
Acq: 28 Apr 2020 15:01

Tgt Ion: 64 Resp: 2441

Ion Ratio Lower Upper

64 100

66 34.4 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

2000

1500

1000

500

0

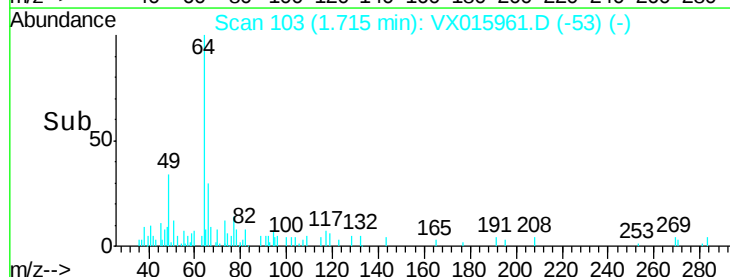
1.65

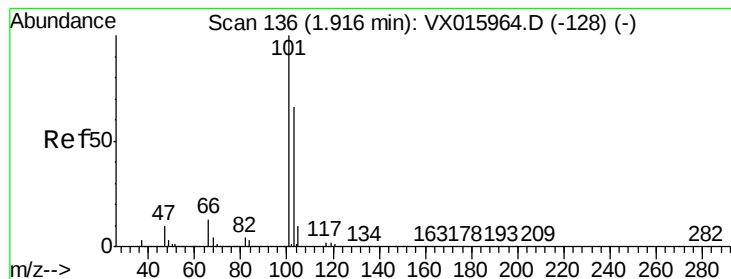
1.70

1.75

1.80

Time-->





#7

Trichlorofluoromethane

Concen: 1.008 ug/l

RT: 1.92 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX015961.D

Acq: 28 Apr 2020 15:01

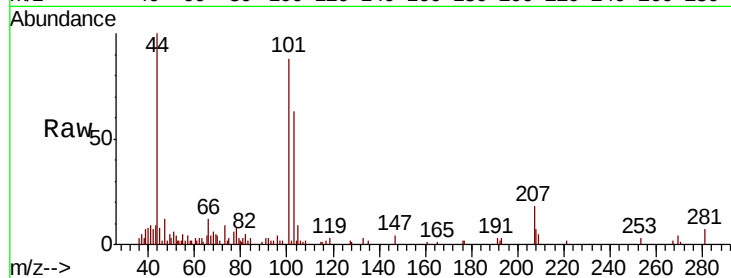
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 5052

Ion Ratio Lower Upper

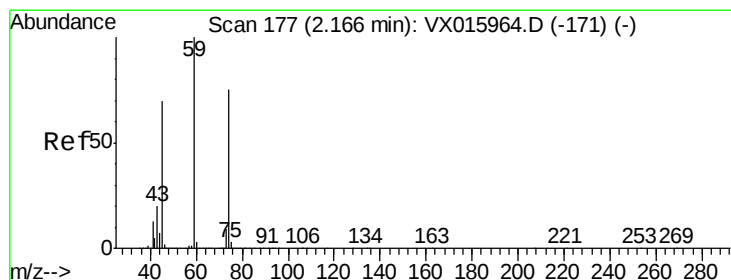
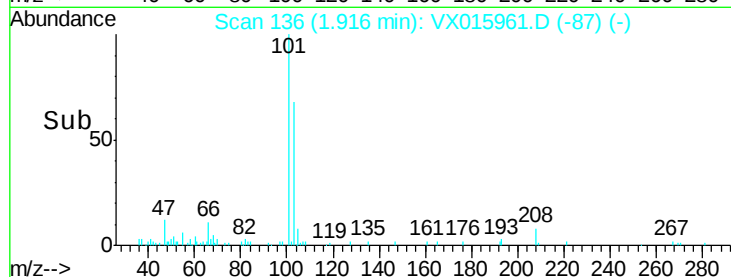
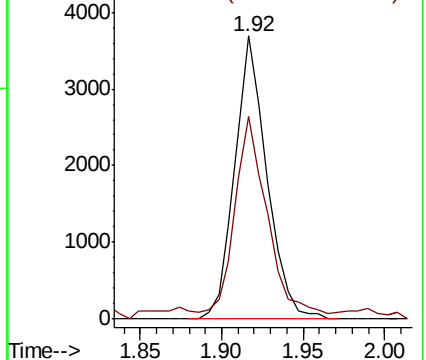
101 100

103 69.5 52.4 78.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 1.156 ug/l

RT: 2.17 min Scan# 177

Delta R.T. 0.00 min

Lab File: VX015961.D

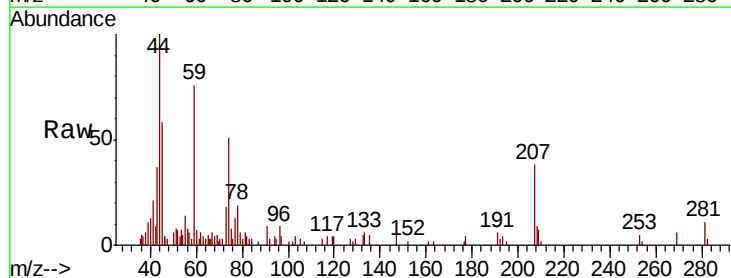
Acq: 28 Apr 2020 15:01

Tgt Ion: 74 Resp: 2418

Ion Ratio Lower Upper

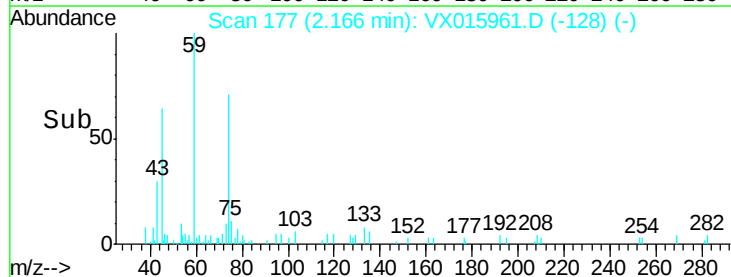
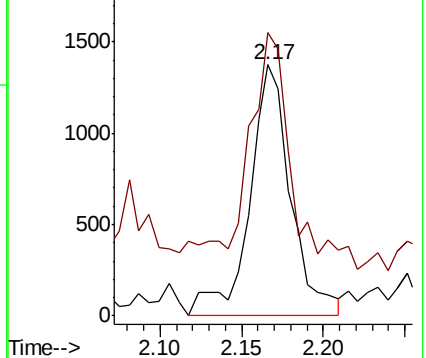
74 100

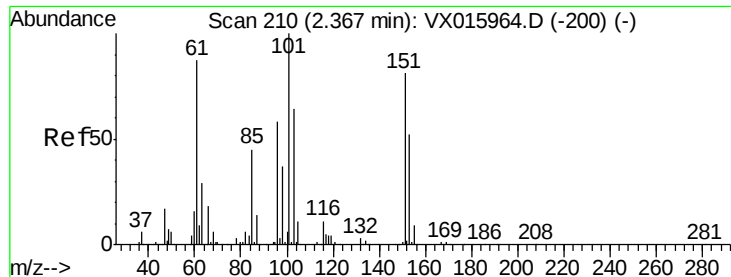
45 101.6 47.1 141.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.082 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX015961.D

Acq: 28 Apr 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

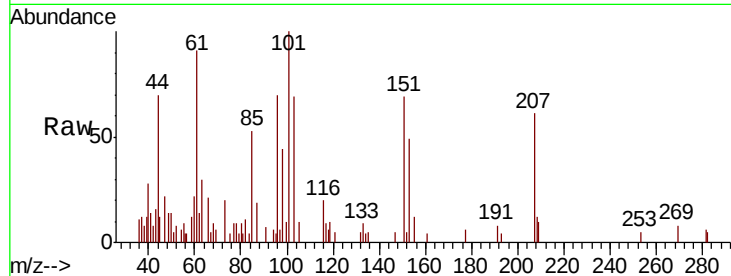
Tot Ion:101 Resp: 2704

Ion Ratio Lower Upper

101 100

85 47.2 36.3 54.5

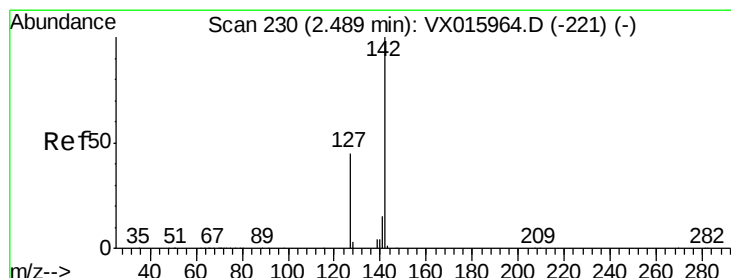
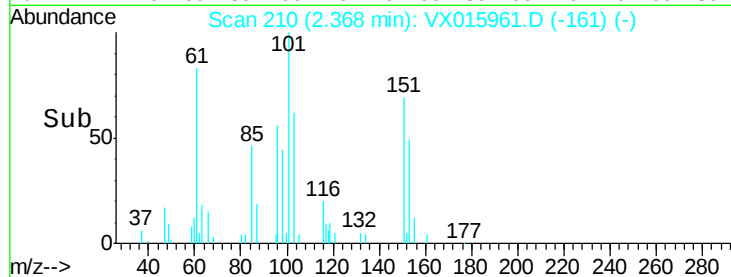
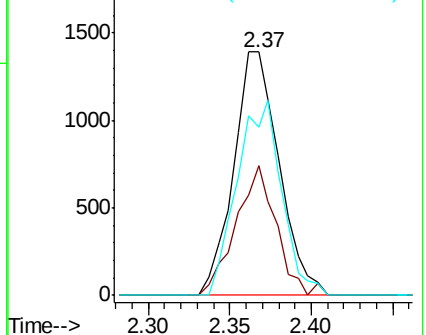
151 78.3 63.1 94.7



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: 0.912 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX015961.D

Acq: 28 Apr 2020 15:01

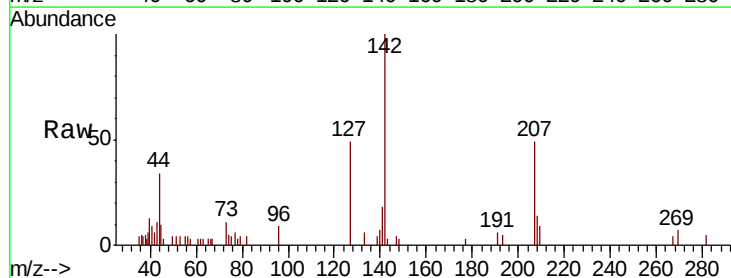
Tgt Ion:142 Resp: 3178

Ion Ratio Lower Upper

142 100

127 46.1 36.5 54.7

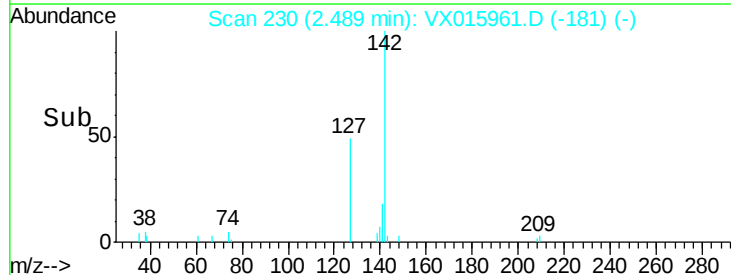
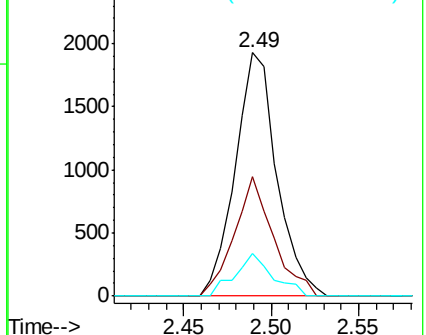
141 15.8 11.6 17.4

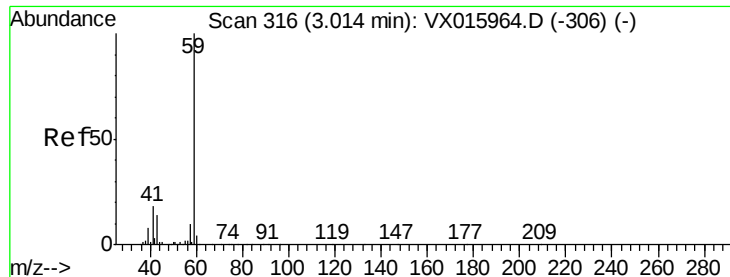


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



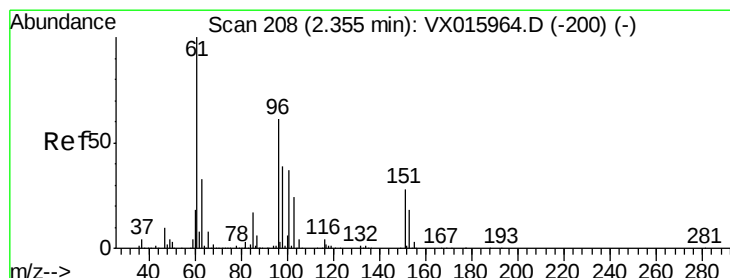
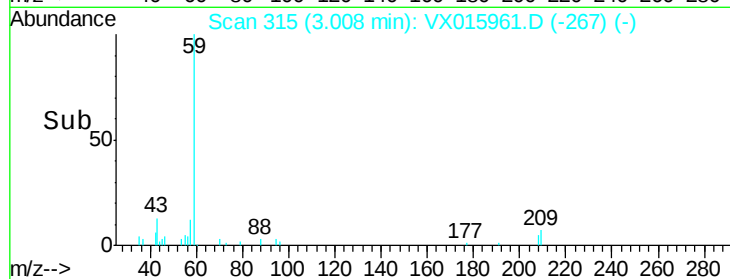
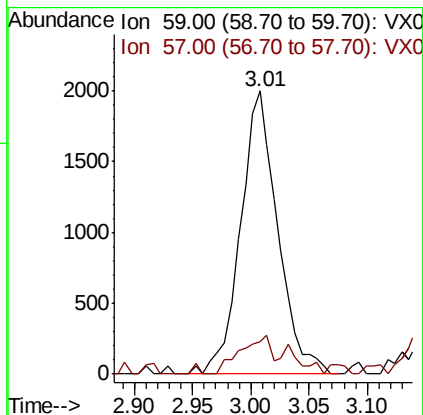
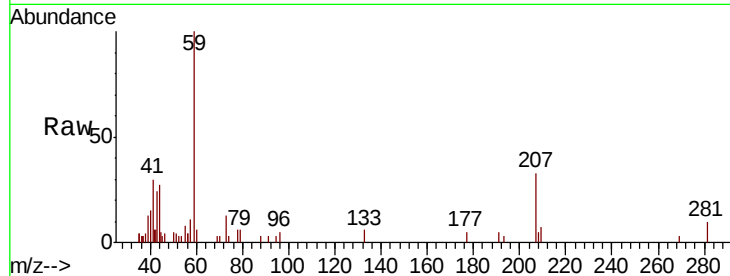


#11

Tert butyl alcohol
 Concen: 5.221 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX015961.D
 Acq: 28 Apr 2020 15:01

Instrument :
 MSVOA_X
 ClientSampleId :

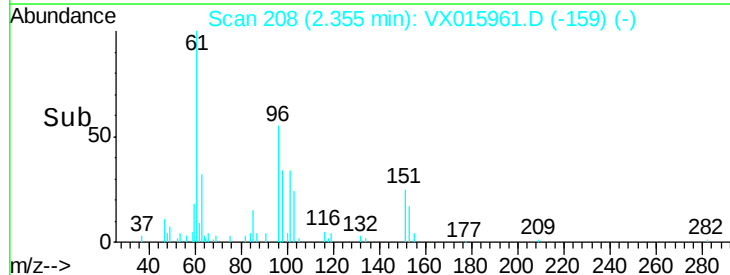
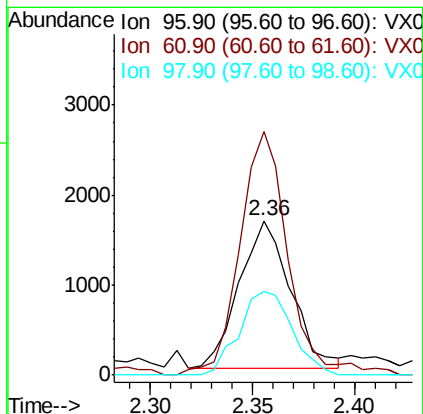
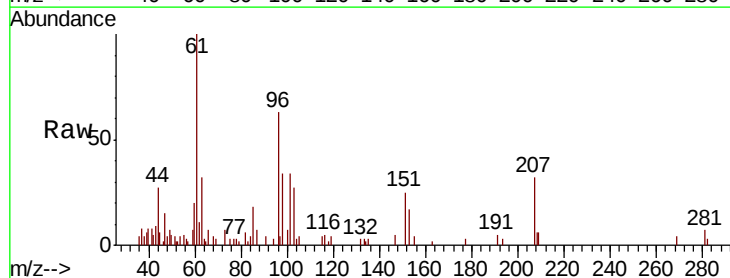
Tot Ion: 59 Resp: 4461
 Ion Ratio Lower Upper
 59 100
 57 12.1 8.3 12.5

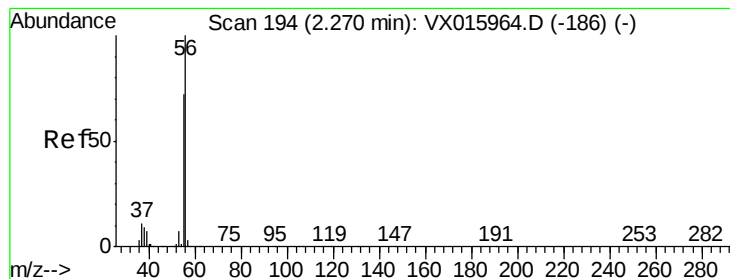


#12

1,1-Dichloroethene
 Concen: 1.113 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX015961.D
 Acq: 28 Apr 2020 15:01

Tgt Ion: 96 Resp: 2867
 Ion Ratio Lower Upper
 96 100
 61 161.7 131.0 196.4
 98 56.6 50.7 76.1





#13

Acrolein

Concen: 6.892 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX015961.D

Acq: 28 Apr 2020 15:01

Instrument :

MSVOA_X

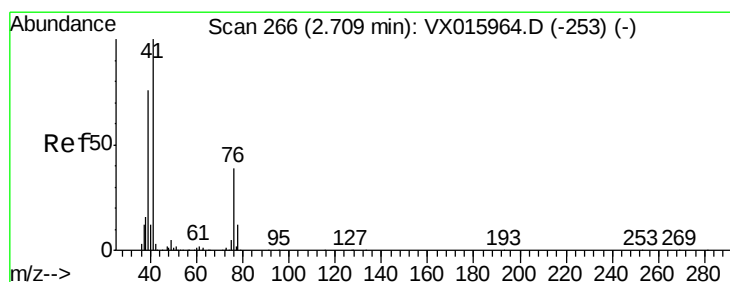
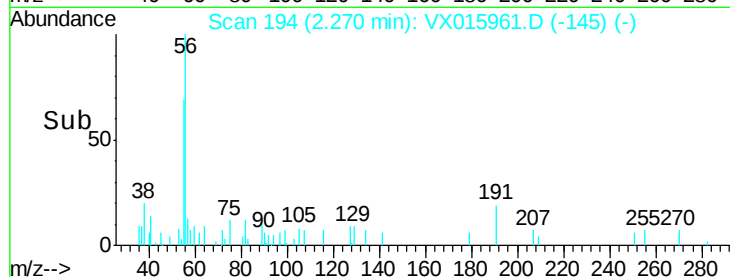
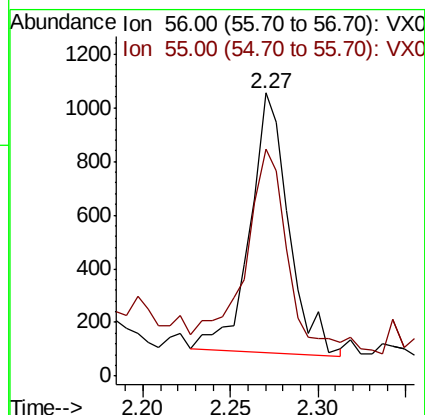
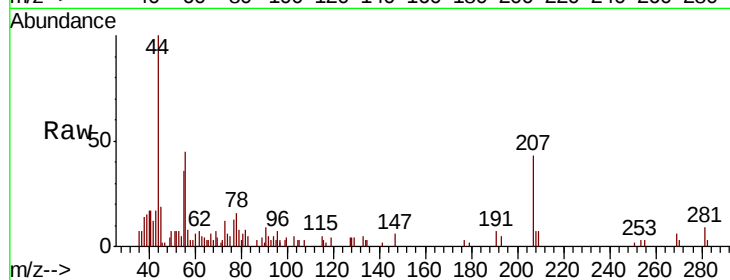
ClientSampleId :

Tot Ion: 56 Resp: 1480

Ion Ratio Lower Upper

56 100

55 86.1 56.9 85.3#



#14

Allyl chloride

Concen: 1.006 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX015961.D

Acq: 28 Apr 2020 15:01

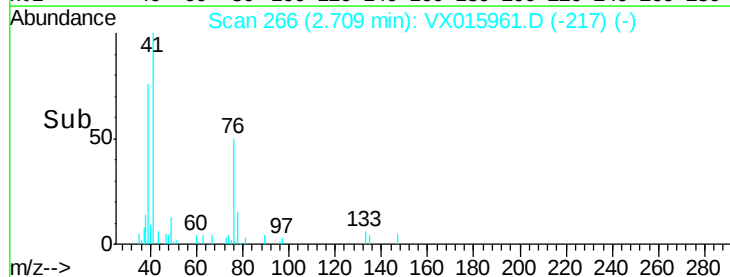
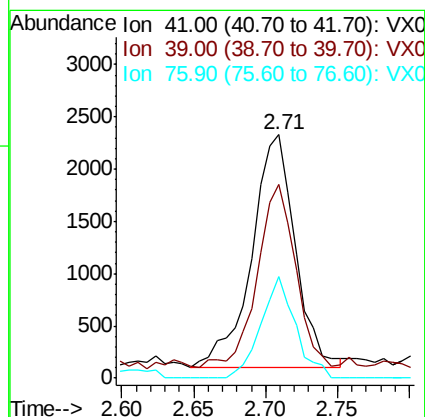
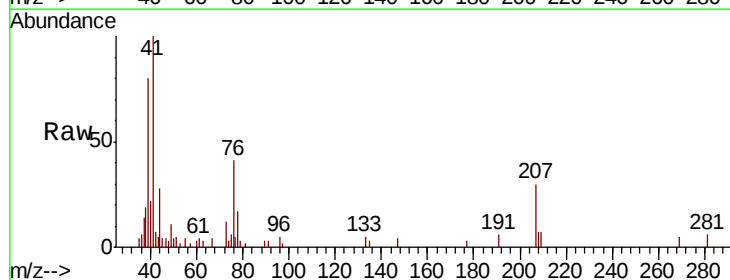
Tgt Ion: 41 Resp: 4673

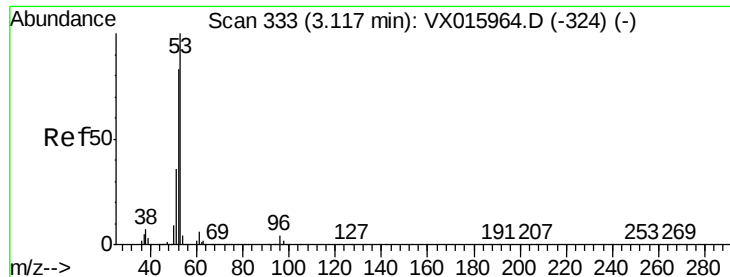
Ion Ratio Lower Upper

41 100

39 72.2 55.4 83.0

76 34.3 27.1 40.7

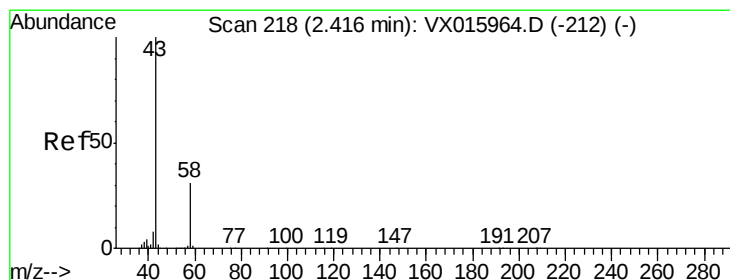
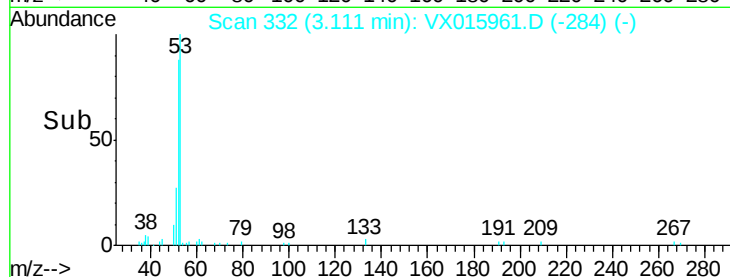
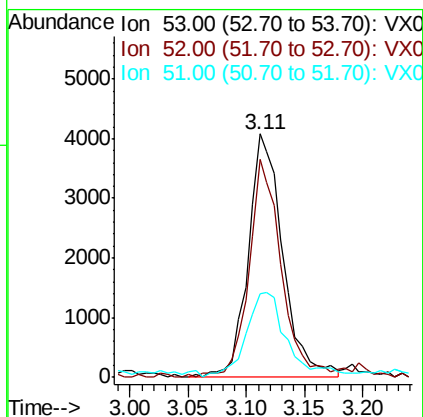
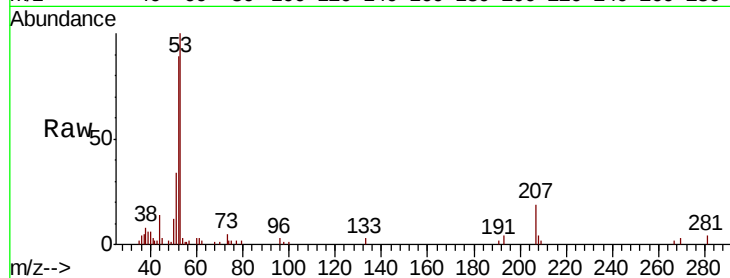




#15
 Acrylonitrile
 Concen: 4.999 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX015961.D
 Acq: 28 Apr 2020 15:01

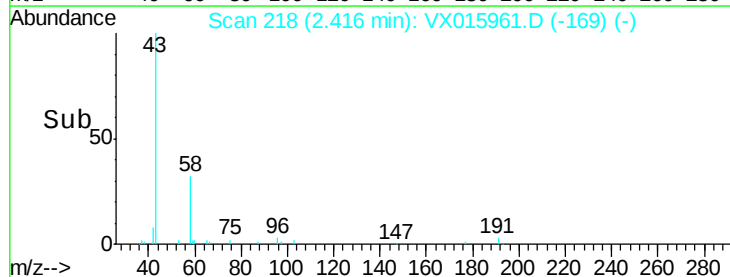
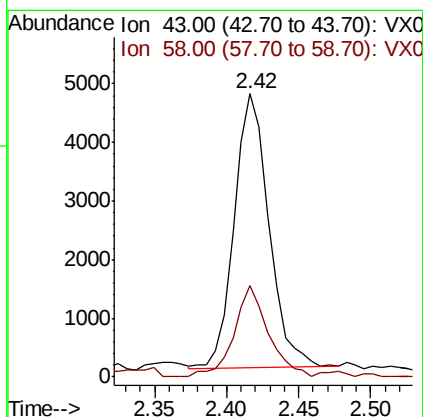
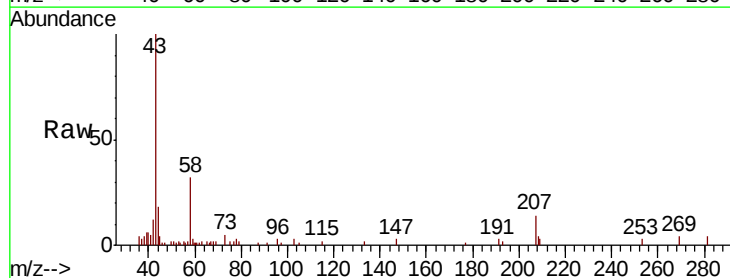
Instrument :
 MSVOA_X
 ClientSampleID :

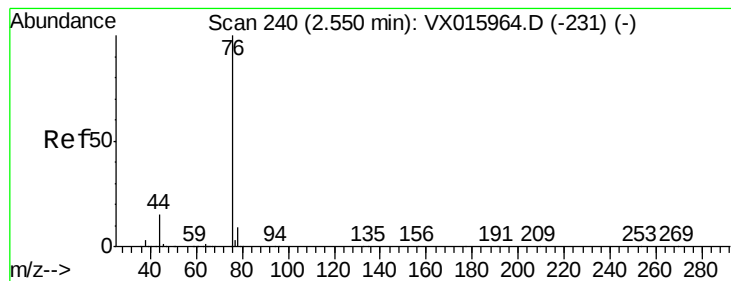
Tot Ion: 53 Resp: 8469
 Ion Ratio Lower Upper
 53 100
 52 84.3 65.5 98.3
 51 39.1 28.7 43.1



#16
 Acetone
 Concen: 5.248 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: VX015961.D
 Acq: 28 Apr 2020 15:01

Tgt Ion: 43 Resp: 7900
 Ion Ratio Lower Upper
 43 100
 58 33.3 25.1 37.7





#17

Carbon Disulfide

Concen: 1.459 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX015961.D

Acq: 28 Apr 2020 15:01

Instrument :

MSVOA_X

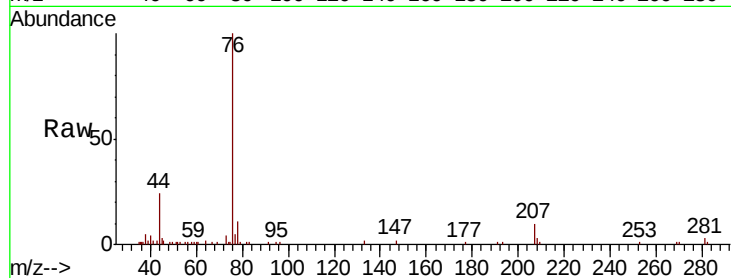
ClientSampleId :

Tot Ion: 76 Resp: 12038

Ion Ratio Lower Upper

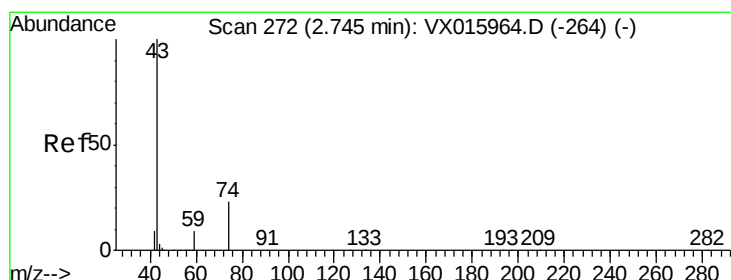
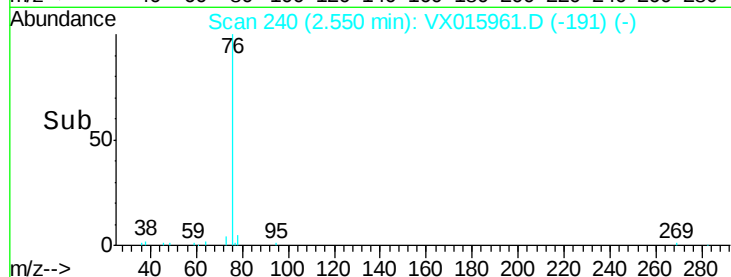
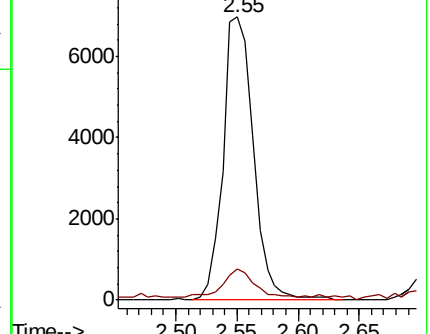
76 100

78 9.8 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 1.008 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX015961.D

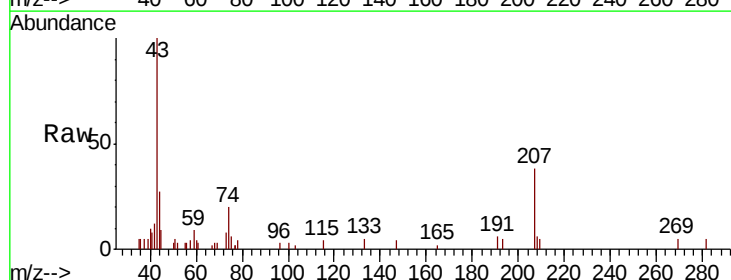
Acq: 28 Apr 2020 15:01

Tgt Ion: 43 Resp: 4306

Ion Ratio Lower Upper

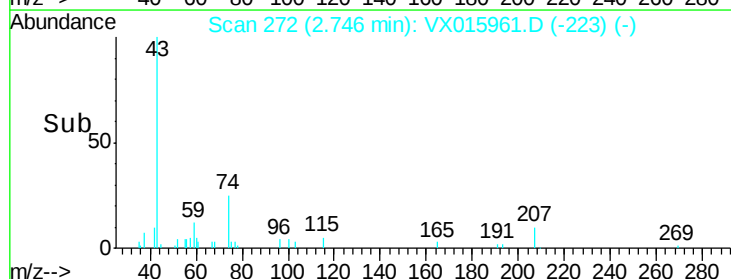
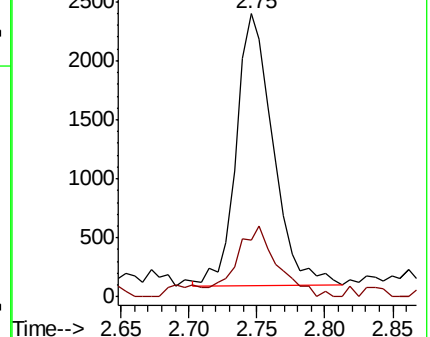
43 100

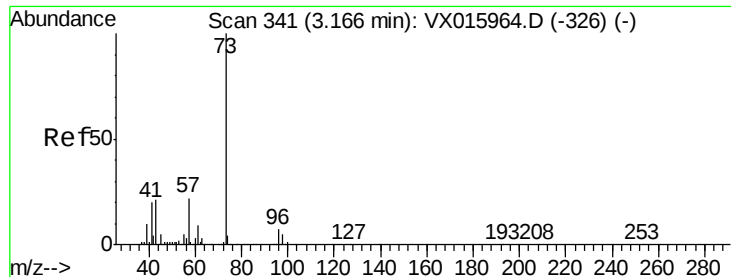
74 28.9 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

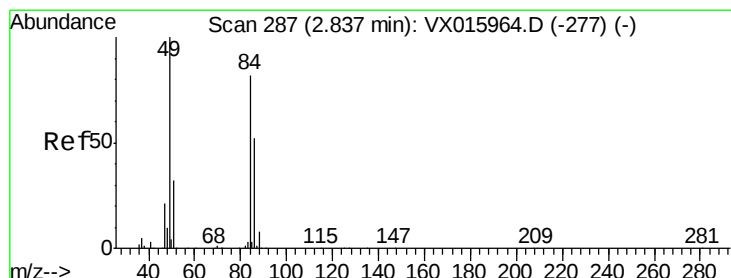
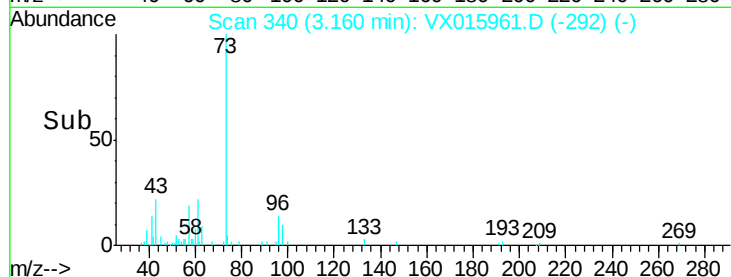
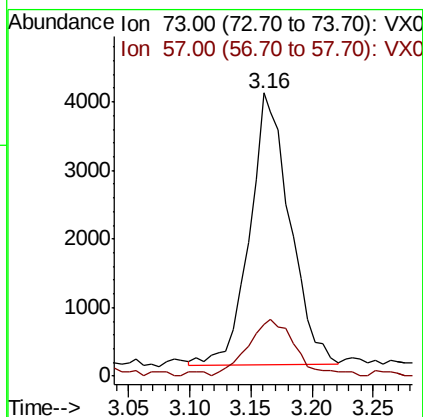
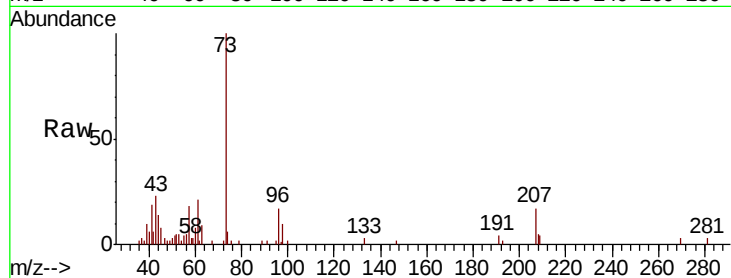




#19
Methvl tert-butvl Ether
Concen: 0.972 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX015961.D
Acq: 28 Apr 2020 15:01

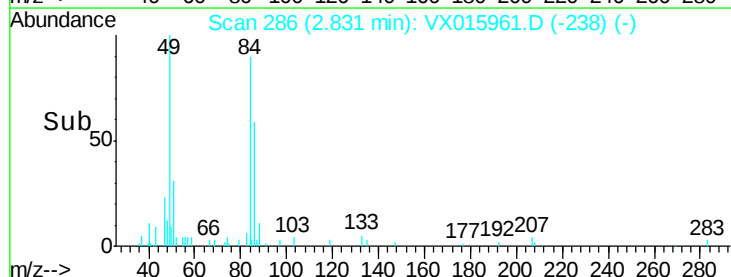
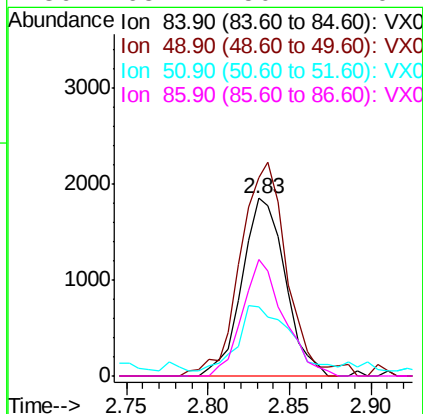
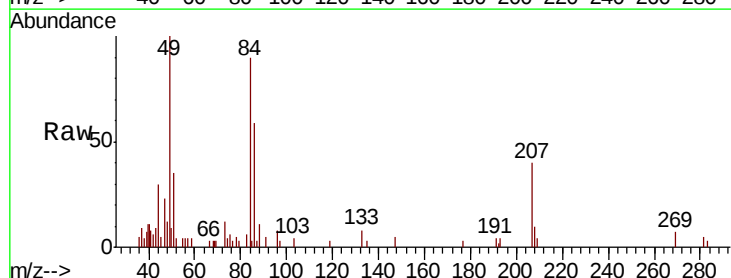
Instrument :
MSVOA_X
ClientSampleId :

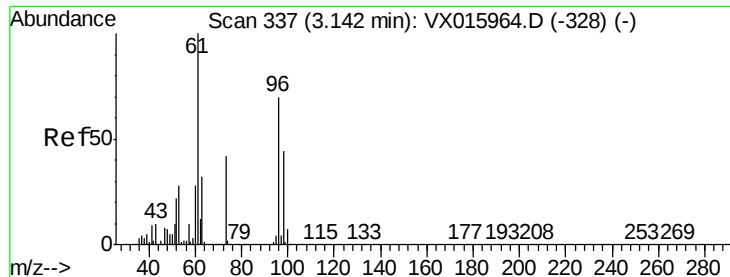
Tot Ion: 73 Resp: 9055
Ion Ratio Lower Upper
73 100
57 17.6 17.5 26.3



#20
Methylene Chloride
Concen: 1.150 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX015961.D
Acq: 28 Apr 2020 15:01

Tgt Ion: 84 Resp: 3427
Ion Ratio Lower Upper
84 100
49 108.3 97.9 146.9
51 35.8 31.2 46.8
86 65.4 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 1.163 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX015961.D

Acq: 28 Apr 2020 15:01

Instrument :
MSVOA_X
ClientSampled :

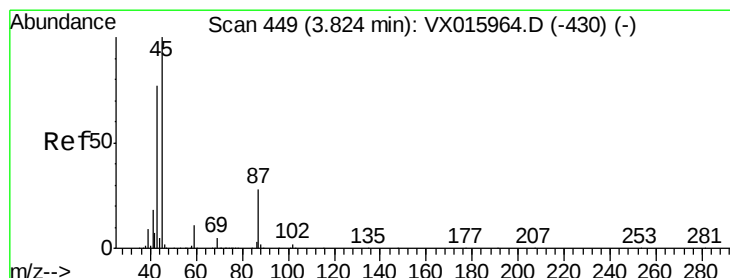
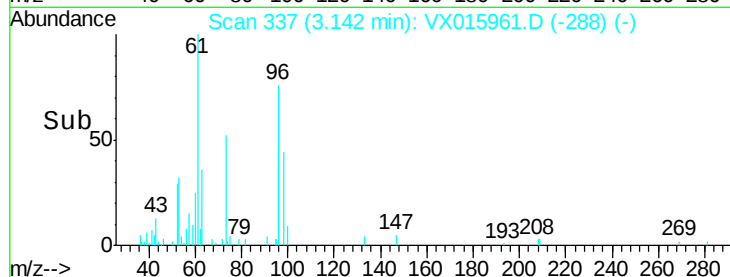
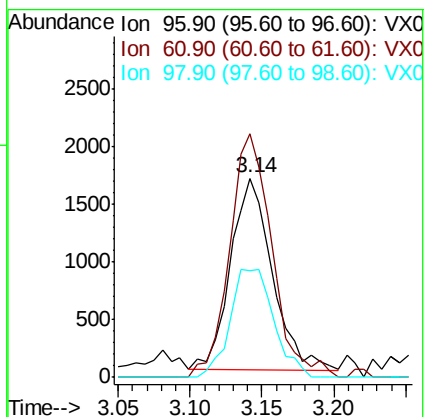
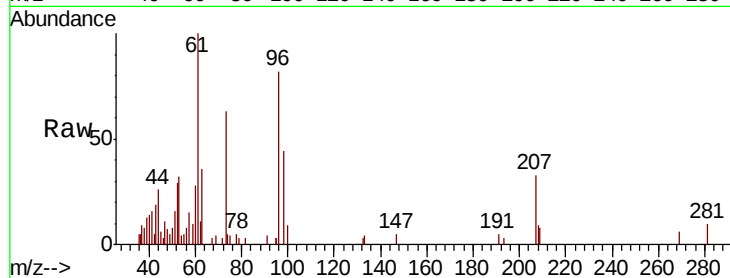
Tot Ion: 96 Resp: 3375

Ion Ratio Lower Upper

96 100

61 127.8 113.6 170.4

98 56.3 50.3 75.5



#22

Diisopropyl ether

Concen: 0.969 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX015961.D

Acq: 28 Apr 2020 15:01

Tgt Ion: 45 Resp: 8849

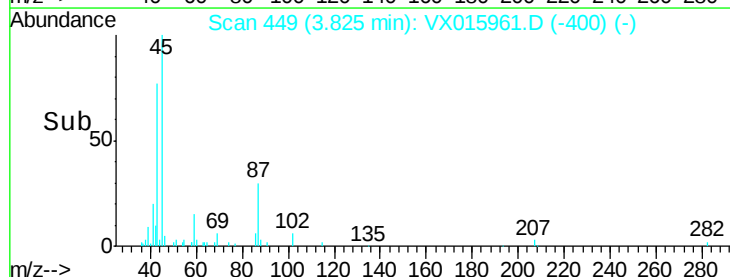
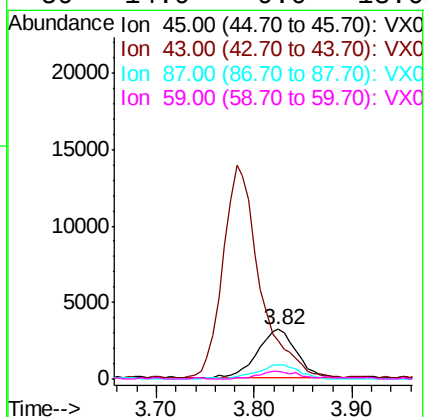
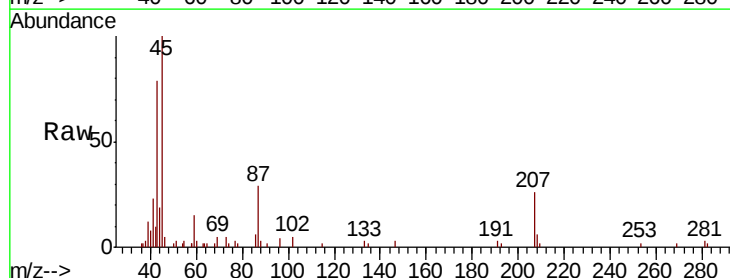
Ion Ratio Lower Upper

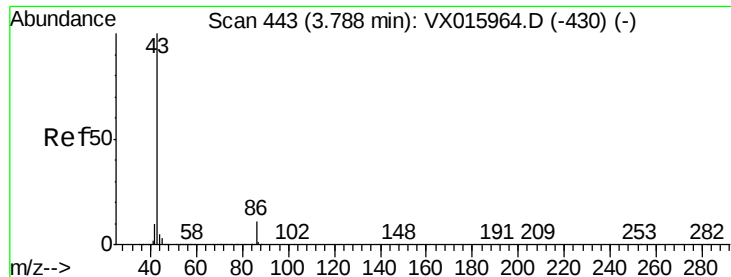
45 100

43 75.7 61.3 91.9

87 29.7 22.6 33.8

59 14.9 9.0 13.6#





#23

Vinyl Acetate

Concen: 4.542 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX015961.D

Acq: 28 Apr 2020 15:01

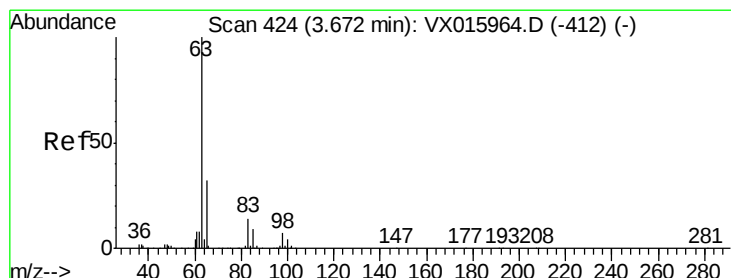
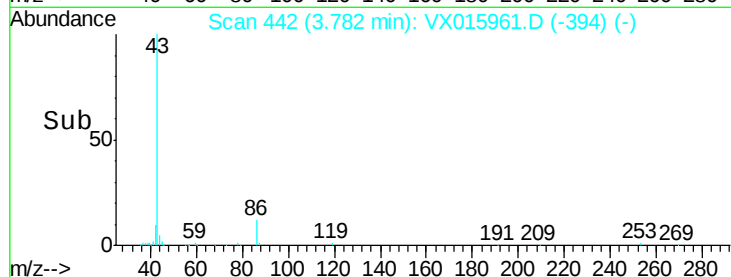
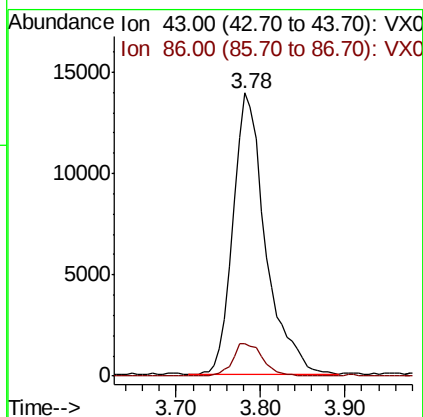
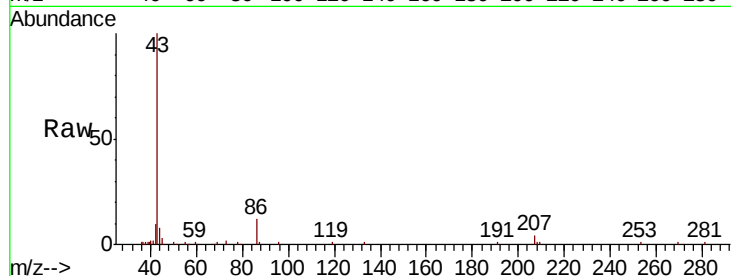
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 36026

Ion Ratio Lower Upper

43 100

86 11.7 8.9 13.3



#24

1,1-Dichloroethane

Concen: 0.976 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX015961.D

Acq: 28 Apr 2020 15:01

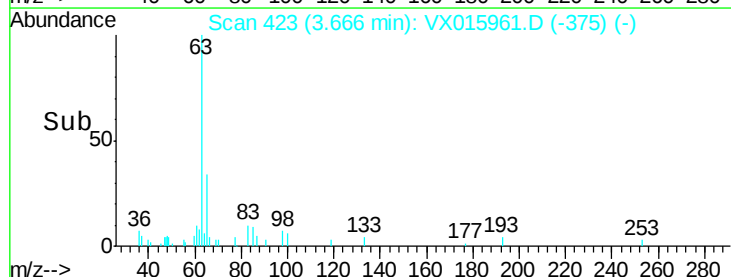
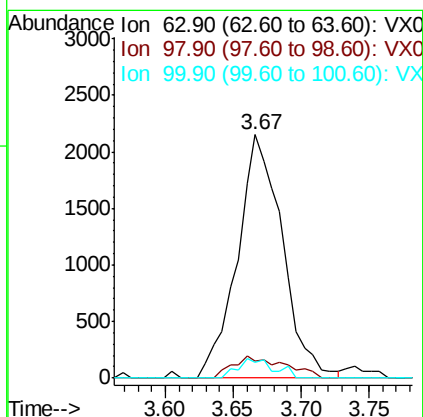
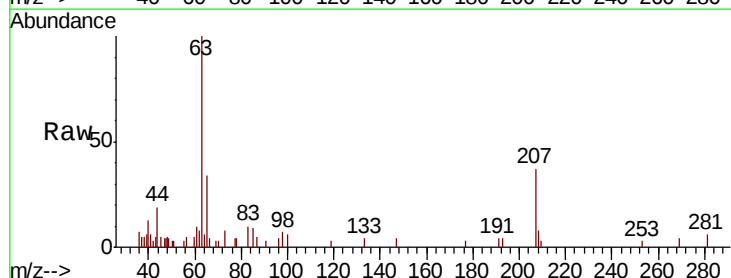
Tgt Ion: 63 Resp: 4965

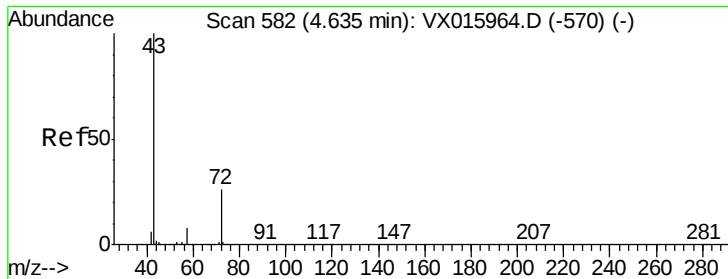
Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

100 6.2 2.2 6.6

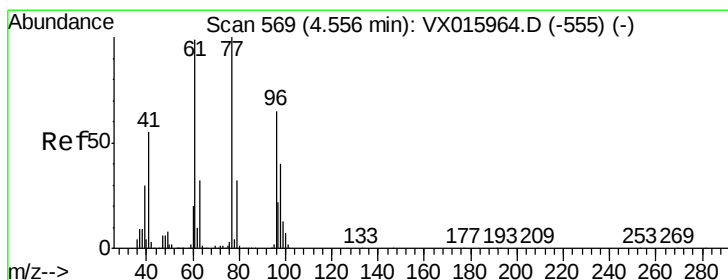
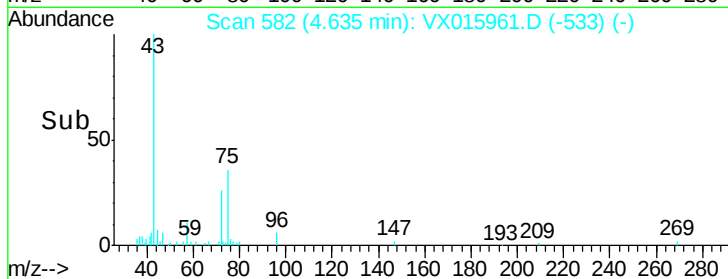
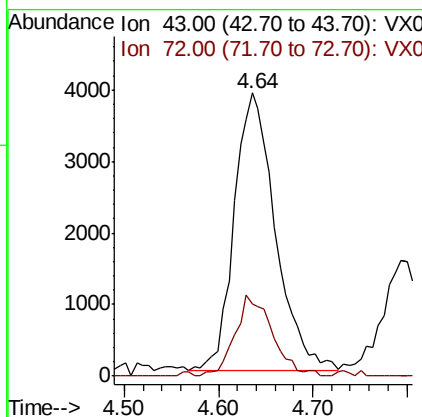
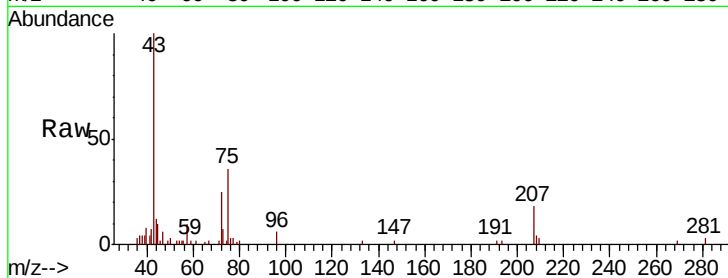




#25
2-Butanone
Concen: 4.836 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX015961.D
Acq: 28 Apr 2020 15:01

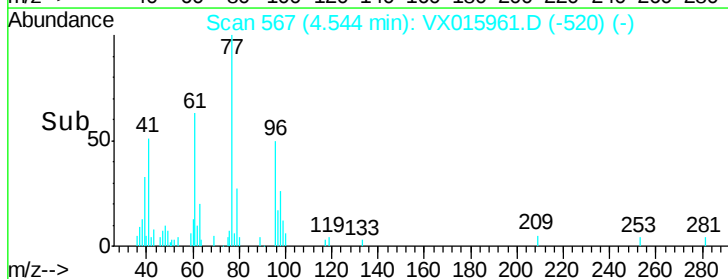
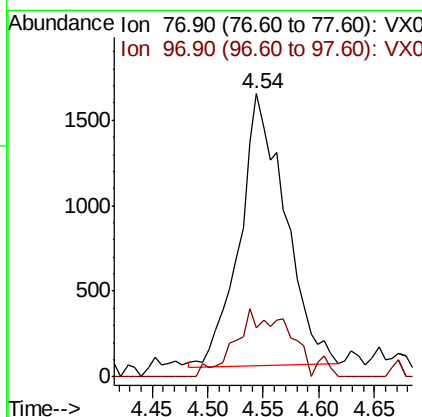
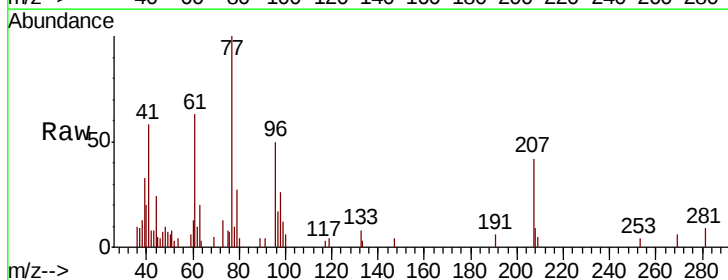
Instrument :
MSVOA_X
ClientSampleId :

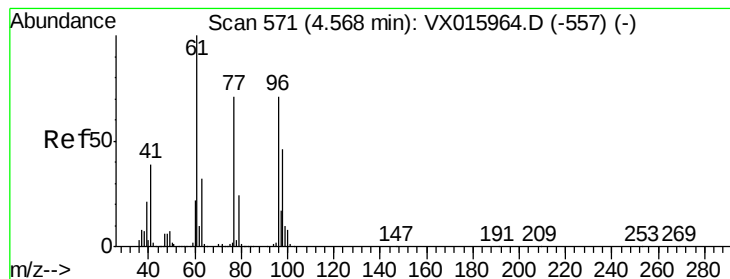
Tot Ion: 43 Resp: 11797
Ion Ratio Lower Upper
43 100
72 24.4 21.0 31.4



#26
2,2-Dichloropropane
Concen: 0.969 ug/l
RT: 4.54 min Scan# 567
Delta R.T. -0.01 min
Lab File: VX015961.D
Acq: 28 Apr 2020 15:01

Tgt Ion: 77 Resp: 4507
Ion Ratio Lower Upper
77 100
97 18.1 11.1 33.3



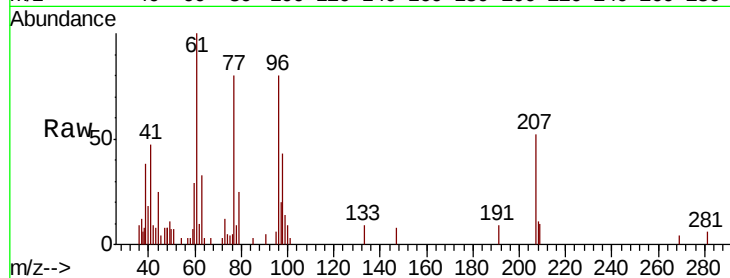


#27

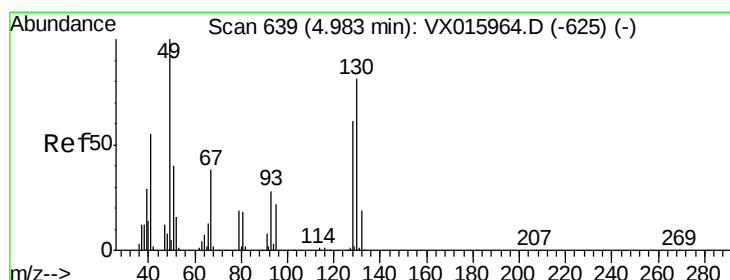
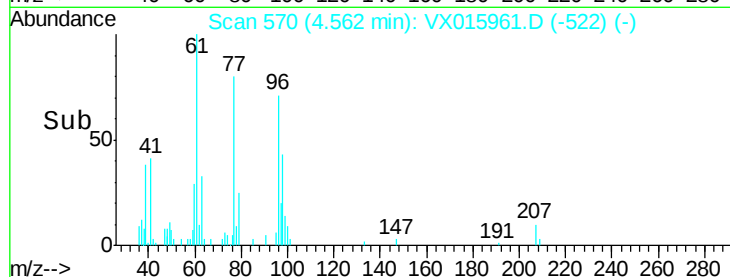
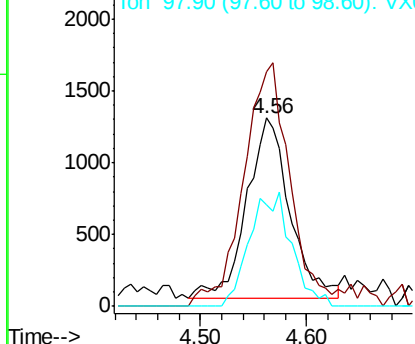
cis-1,2-Dichloroethene
Concen: 1.088 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX015961.D
Acq: 28 Apr 2020 15:01

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 3584
Ion Ratio Lower Upper
96 100
61 143.1 0.0 294.2
98 60.8 0.0 127.4



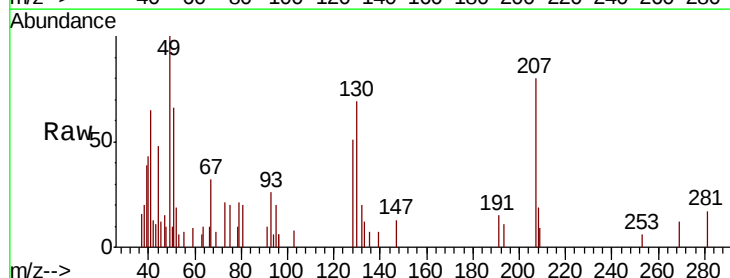
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



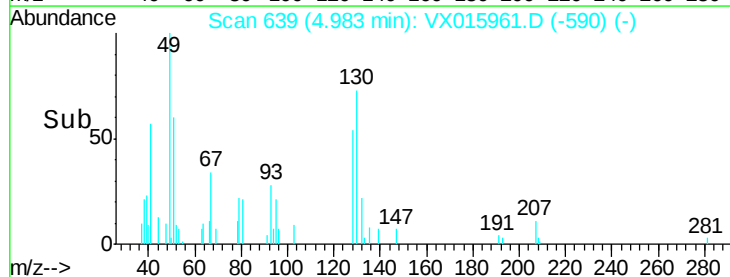
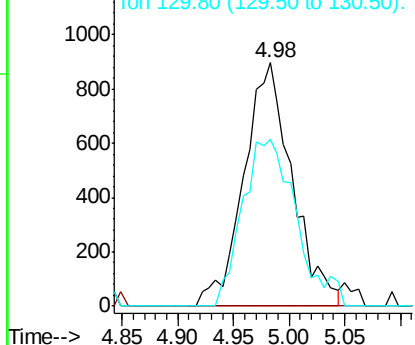
#28

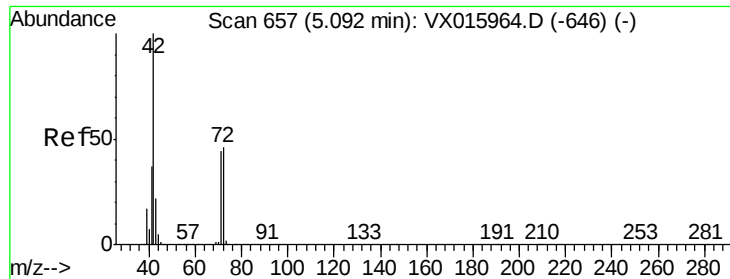
Bromochloromethane
Concen: 1.099 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX015961.D
Acq: 28 Apr 2020 15:01

Tgt Ion: 49 Resp: 2706
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 76.1 63.9 95.9



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

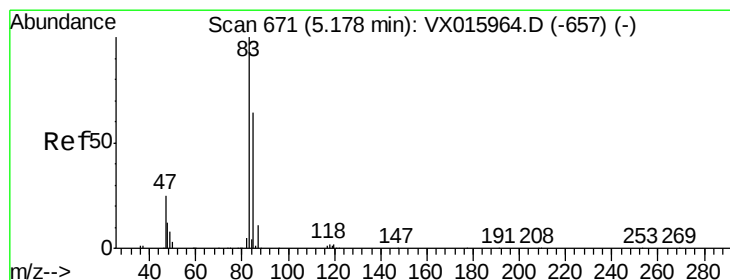
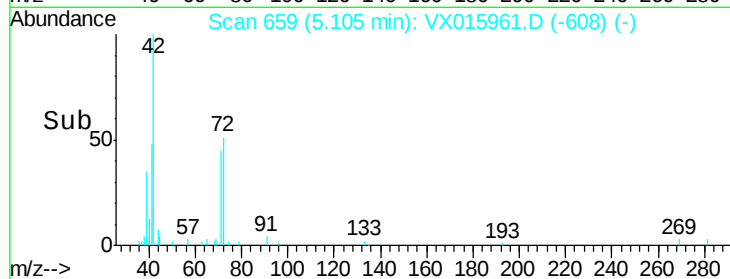
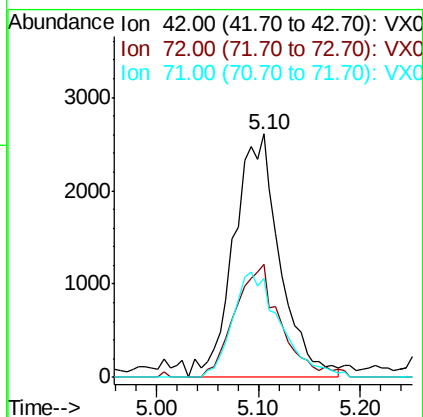
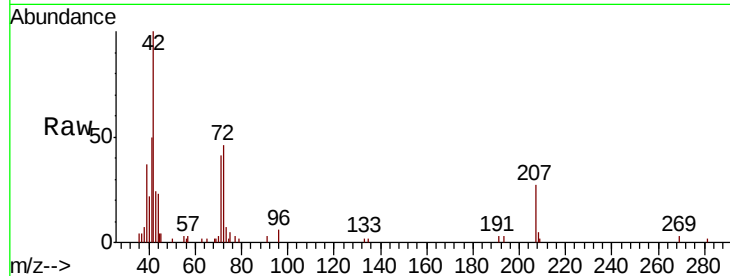




#29
Tetrahydrofuran
Concen: 5.100 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX015961.D
Acq: 28 Apr 2020 15:01

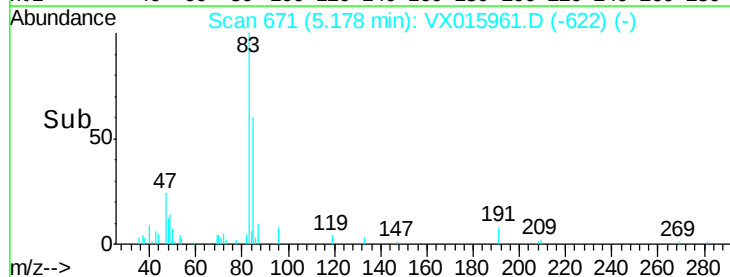
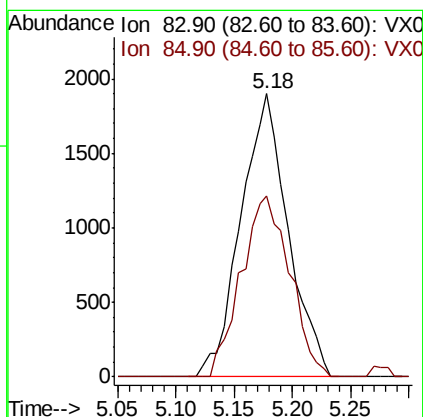
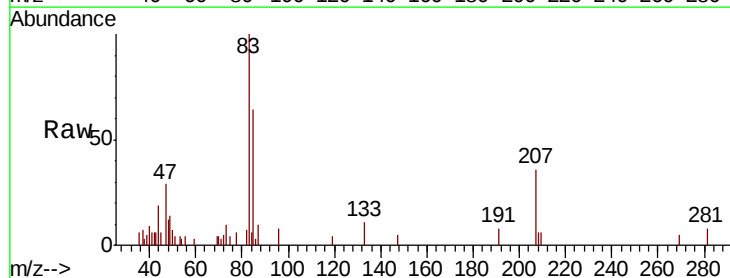
Instrument :
MSVOA_X
ClientSampleId :

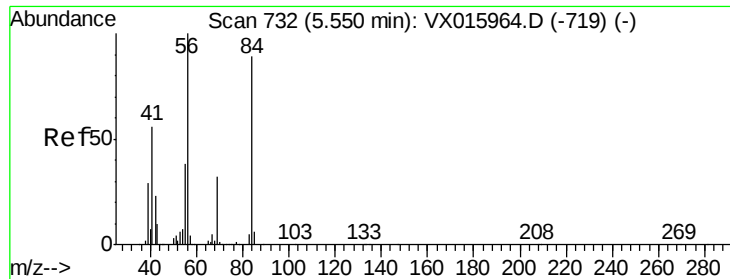
Tot Ion: 42 Resp: 8153
Ion Ratio Lower Upper
42 100
72 46.3 37.4 56.0
71 45.1 34.6 52.0



#30
Chloroform
Concen: 1.010 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX015961.D
Acq: 28 Apr 2020 15:01

Tgt Ion: 83 Resp: 5342
Ion Ratio Lower Upper
83 100
85 63.8 51.0 76.4

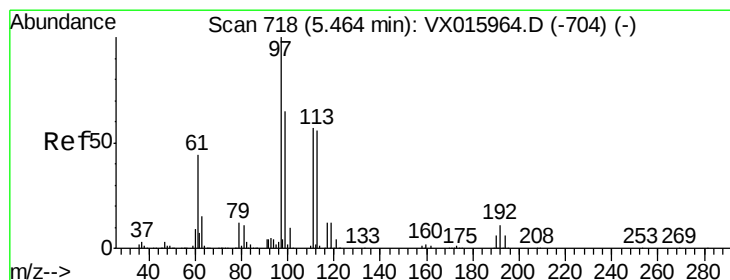
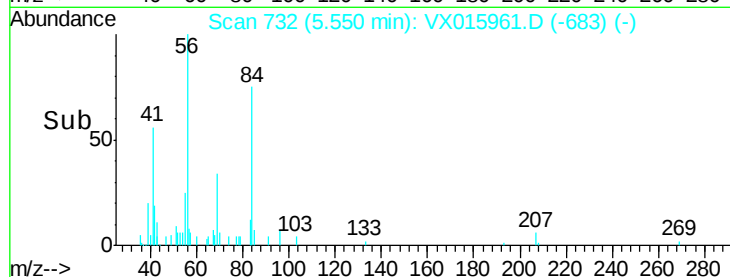
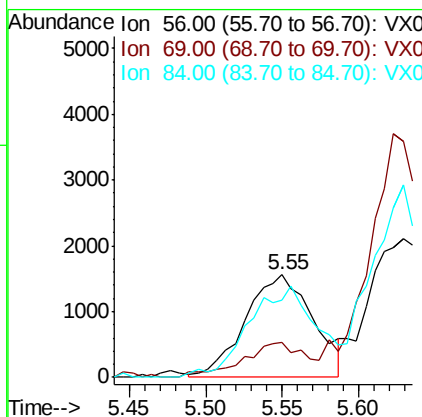
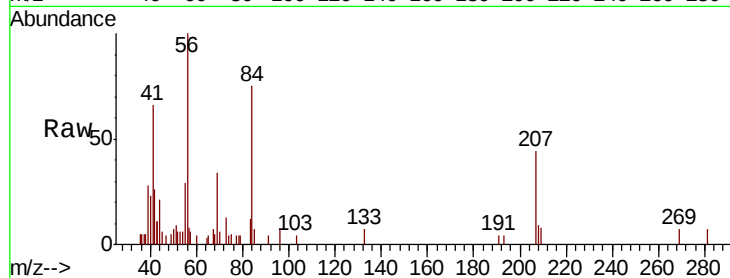




#31
Cyclohexane
Concen: 1.061 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX015961.D
Acq: 28 Apr 2020 15:01

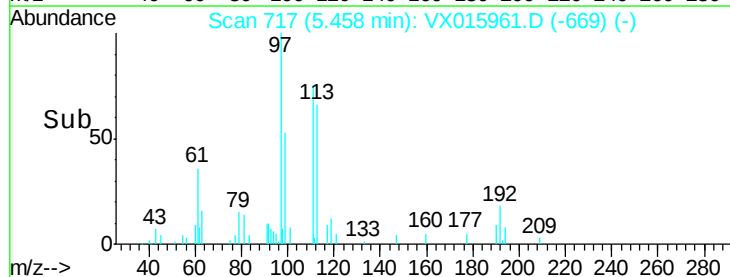
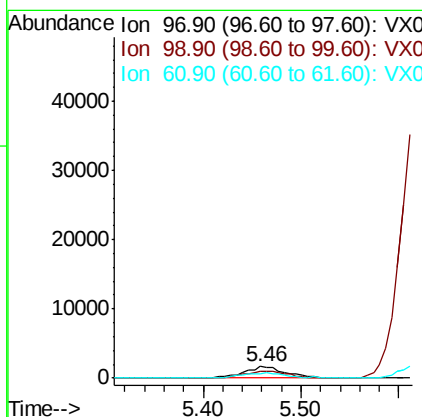
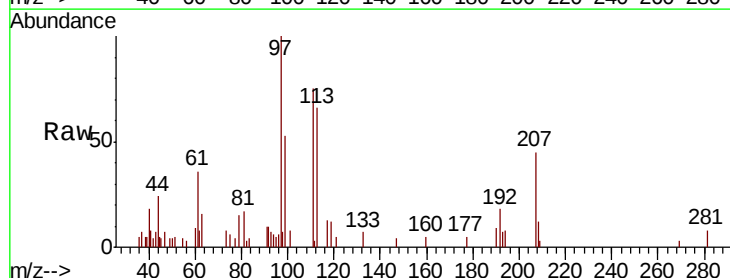
Instrument :
MSVOA_X
ClientSampled :

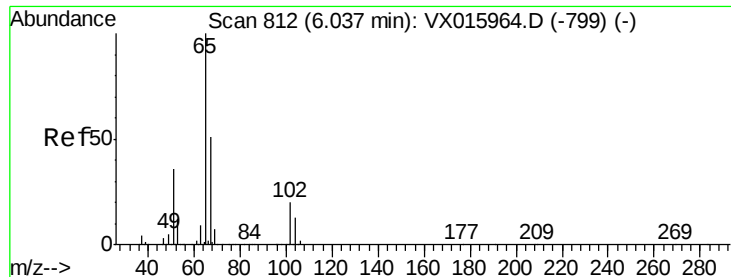
Tot Ion: 56 Resp: 4807
Ion Ratio Lower Upper
56 100
69 29.3 25.4 38.2
84 73.4 71.0 106.6



#32
1,1,1-Trichloroethane
Concen: 0.996 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX015961.D
Acq: 28 Apr 2020 15:01

Tgt Ion: 97 Resp: 4852
Ion Ratio Lower Upper
97 100
99 0.0 51.4 77.0#
61 53.0 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 1.503 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.00 min

Lab File: VX015961.D

Acq: 28 Apr 2020 15:01

Instrument :

MSVOA_X

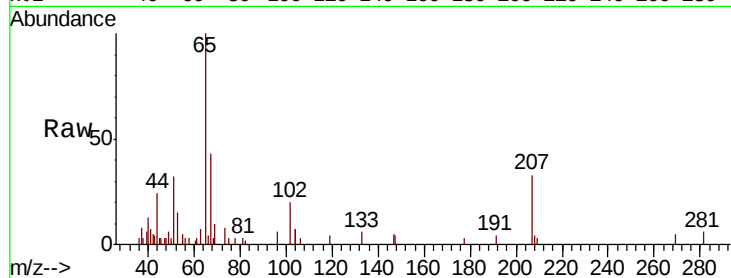
ClientSampleId :

Tot Ion: 65 Resp: 5289

Ion Ratio Lower Upper

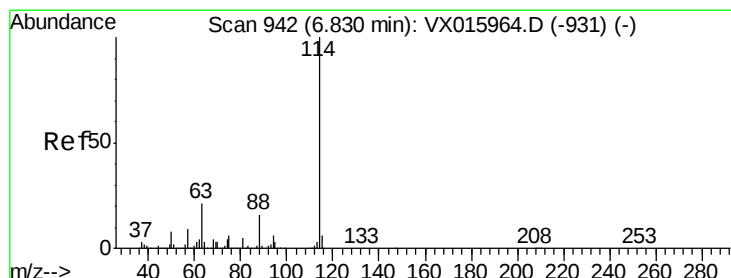
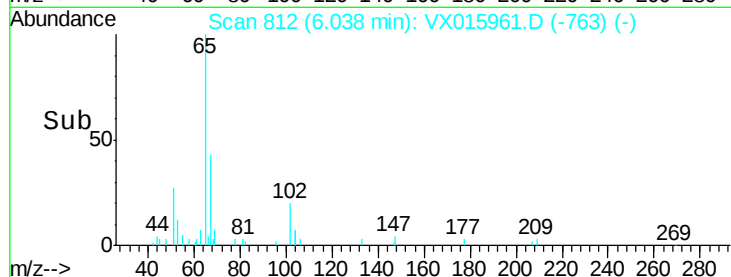
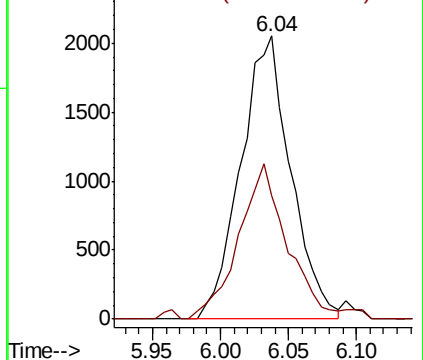
65 100

67 53.0 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX015961.D

Acq: 28 Apr 2020 15:01

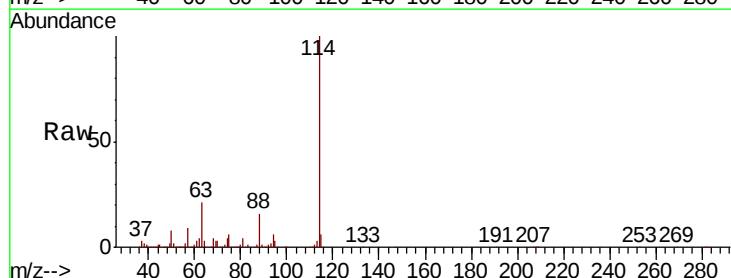
Tgt Ion: 114 Resp: 419660

Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.2

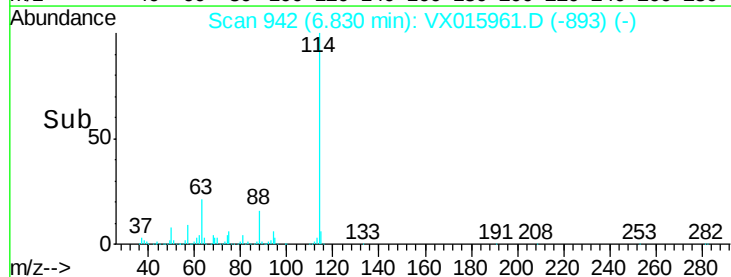
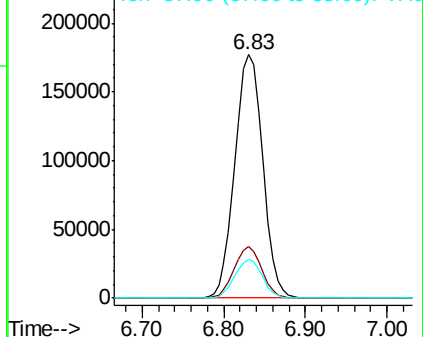
88 16.1 0.0 31.8

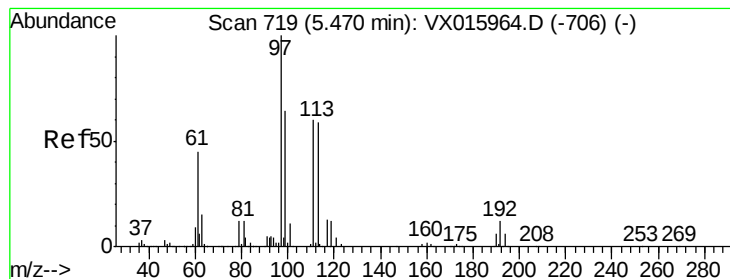


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 1.502 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX015961.D

Acq: 28 Apr 2020 15:01

Instrument :

MSVOA_X

ClientSampled :

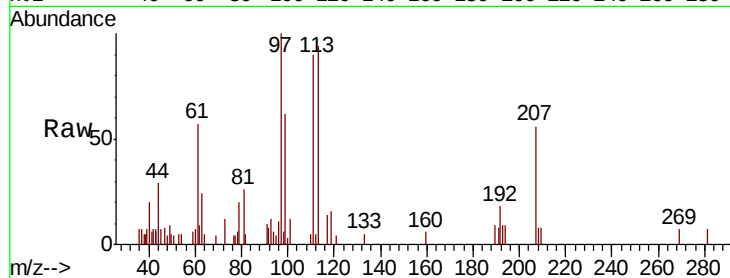
Tot Ion:113 Resp: 3933

Ion Ratio Lower Upper

113 100

111 100.0 81.8 122.8

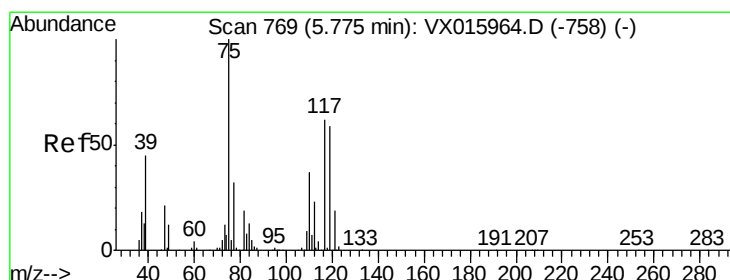
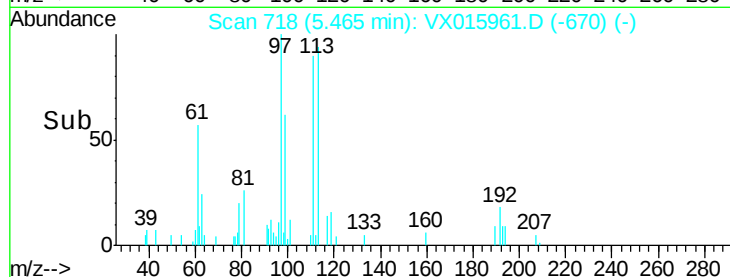
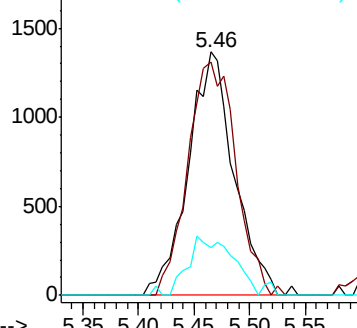
192 23.3 16.8 25.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 1.165 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX015961.D

Acq: 28 Apr 2020 15:01

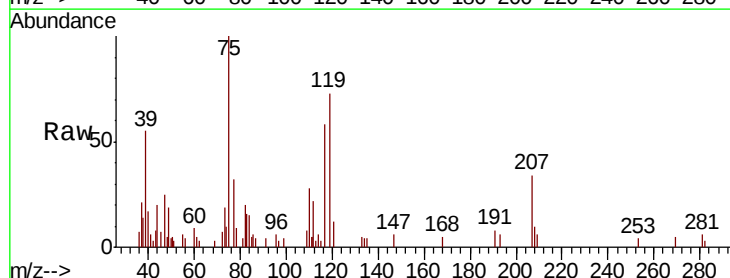
Tgt Ion: 75 Resp: 4655

Ion Ratio Lower Upper

75 100

110 32.6 17.9 53.7

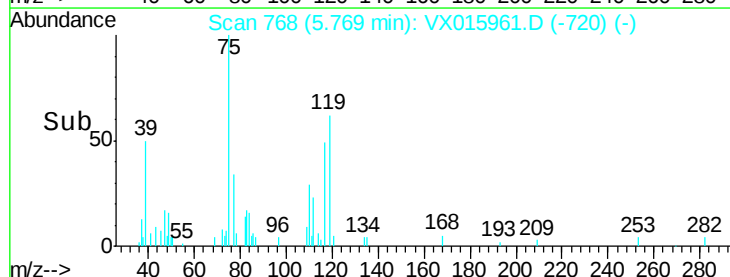
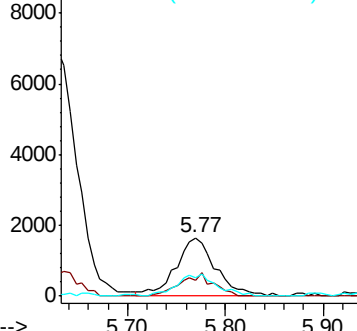
77 37.2 25.2 37.8

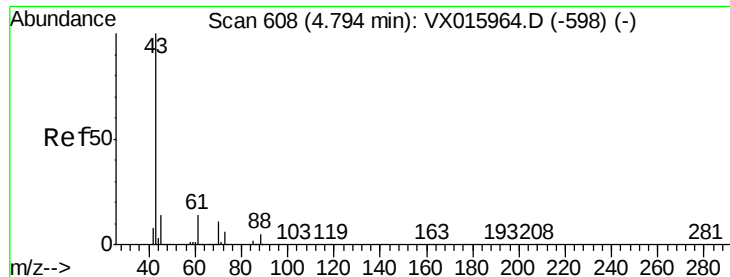


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

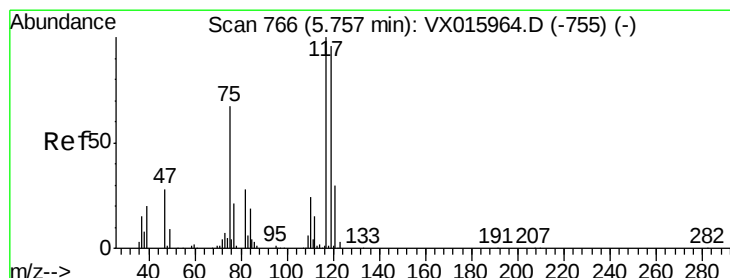
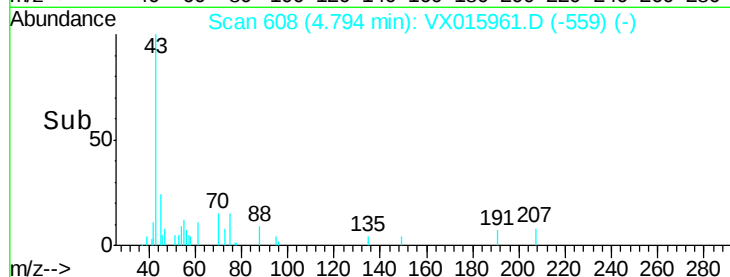
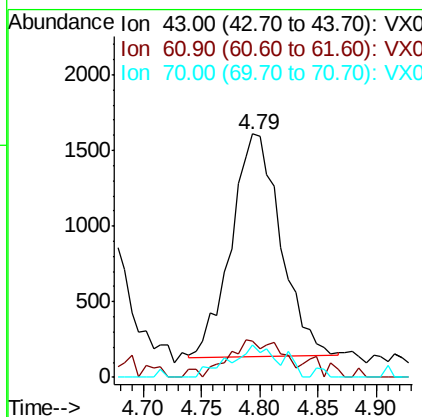
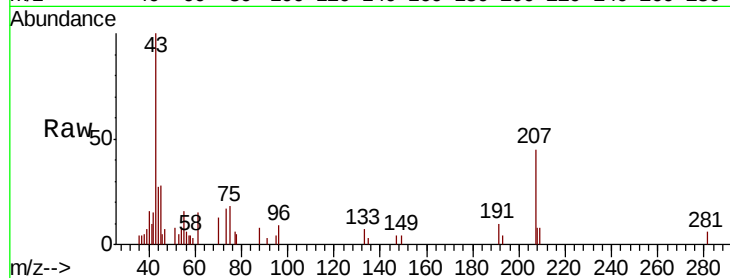




#37
Ethyl Acetate
Concen: 0.951 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX015961.D
Acq: 28 Apr 2020 15:01

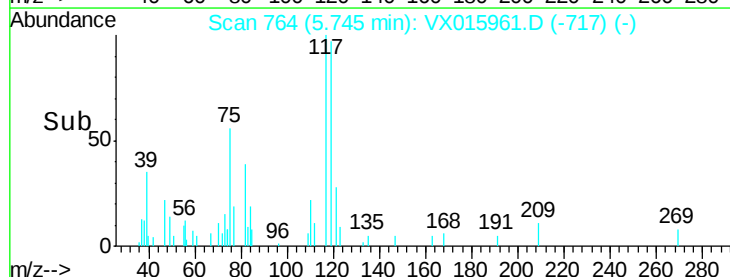
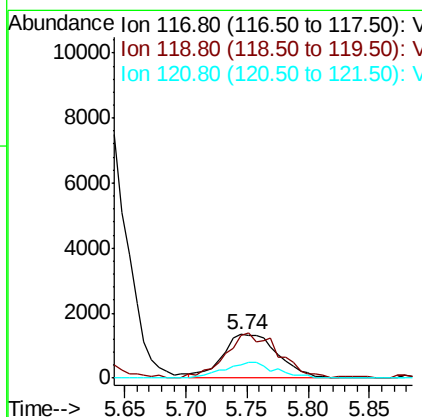
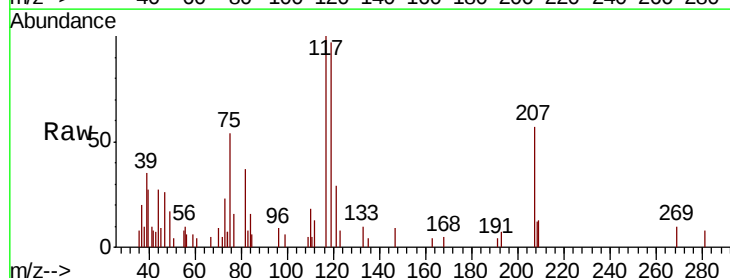
Instrument :
MSVOA_X
ClientSampleId :

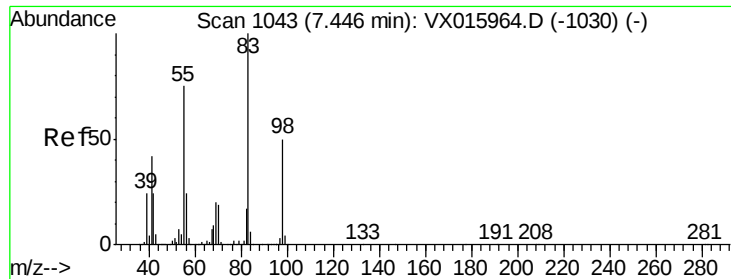
Tot Ion: 43 Resp: 4360
Ion Ratio Lower Upper
43 100
61 17.4 11.6 17.4#
70 12.3 8.9 13.3



#38
Carbon Tetrachloride
Concen: 1.005 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX015961.D
Acq: 28 Apr 2020 15:01

Tgt Ion: 117 Resp: 4241
Ion Ratio Lower Upper
117 100
119 92.8 76.2 114.4
121 29.4 24.2 36.4

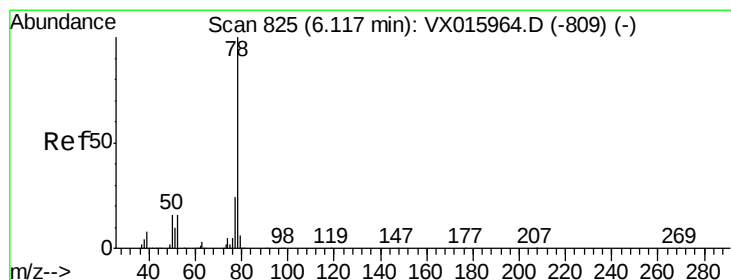
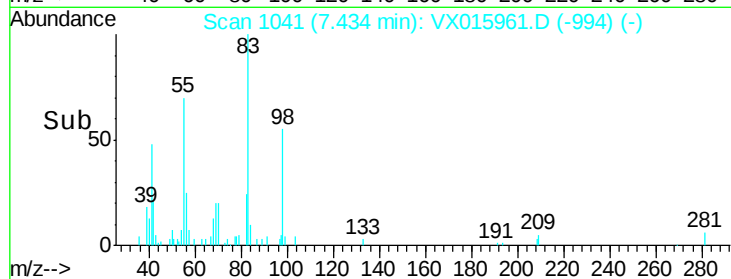
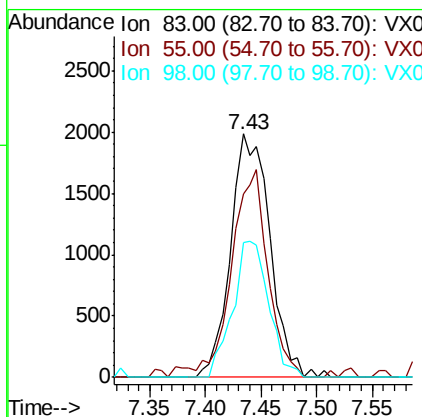
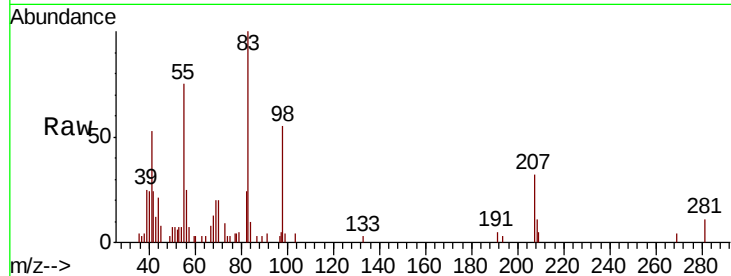




#39
Methvlcvclohexane
Concen: 1.052 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX015961.D
Acq: 28 Apr 2020 15:01

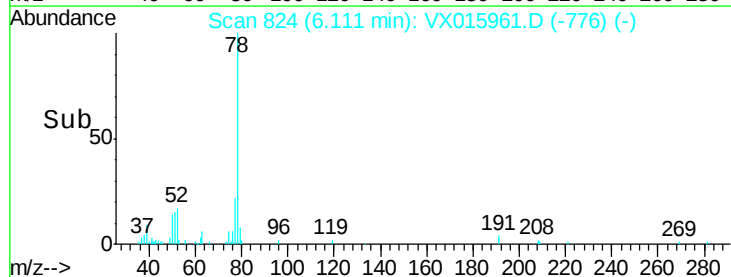
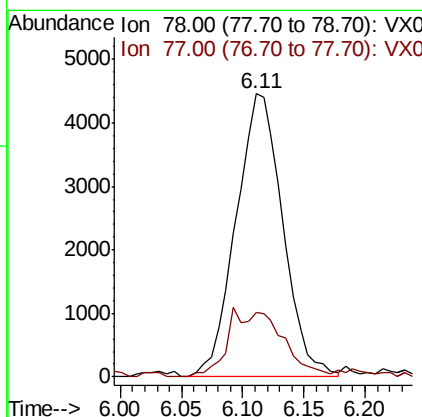
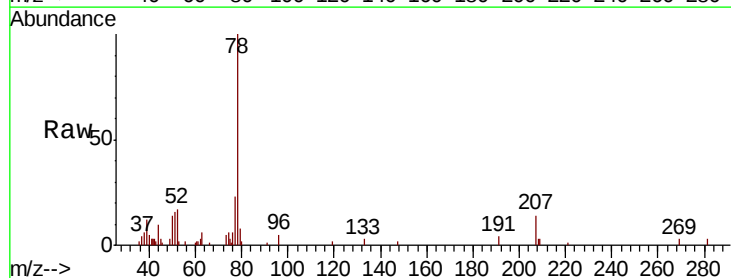
Instrument :
MSVOA_X
ClientSampled :

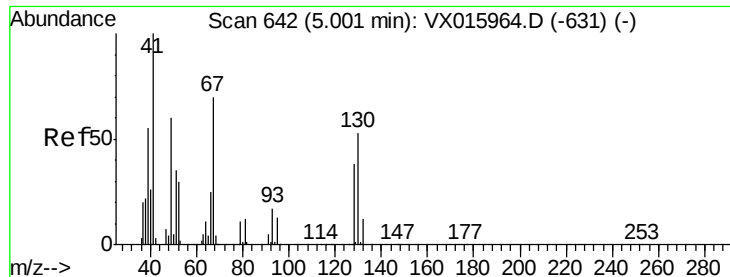
Tot Ion: 83 Resp: 4862
Ion Ratio Lower Upper
83 100
55 75.1 59.9 89.9
98 55.1 39.9 59.9



#40
Benzene
Concen: 1.043 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX015961.D
Acq: 28 Apr 2020 15:01

Tgt Ion: 78 Resp: 11892
Ion Ratio Lower Upper
78 100
77 22.7 18.8 28.2

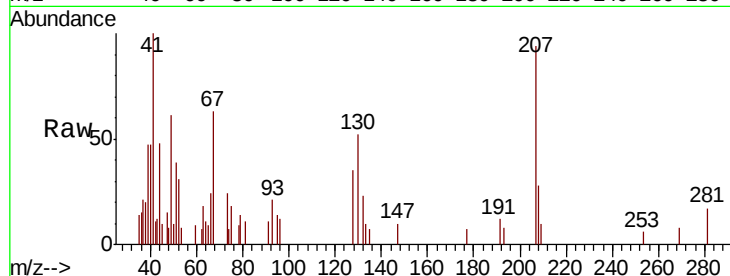




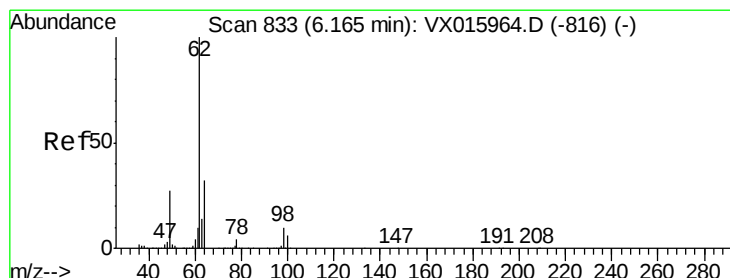
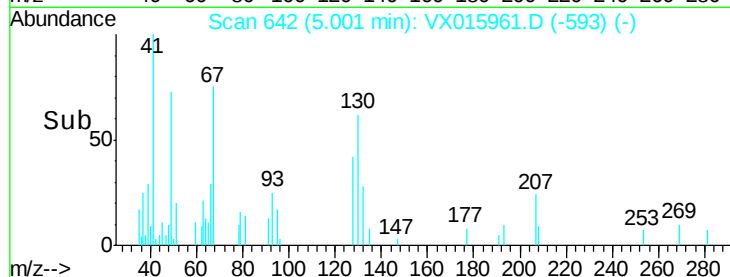
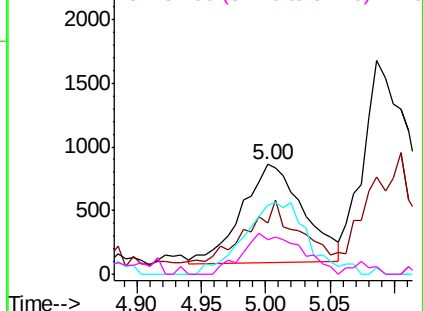
#41
Methacrylonitrile
Concen: 1.046 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX015961.D
Acq: 28 Apr 2020 15:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 41 Resp: 2565
Ion Ratio Lower Upper
41 100
39 54.2 45.2 67.8
67 0.0 59.4 89.2#
52 39.6 25.4 38.0#

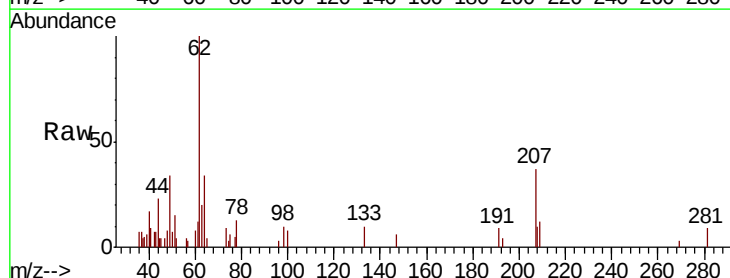


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

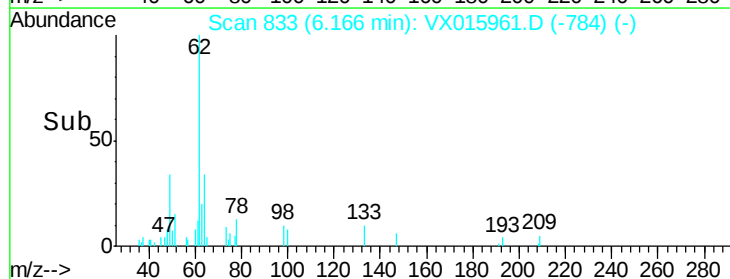
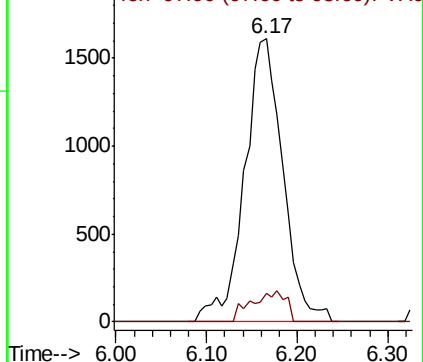


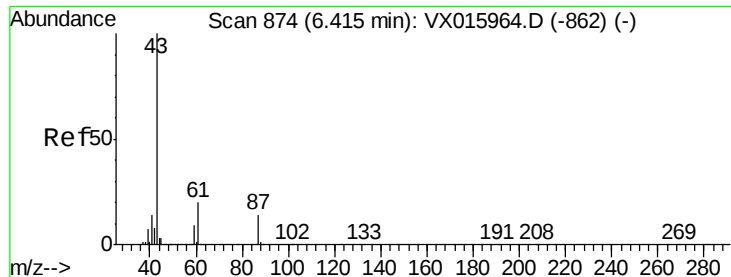
#42
1,2-Dichloroethane
Concen: 1.069 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX015961.D
Acq: 28 Apr 2020 15:01

Tgt Ion: 62 Resp: 4724
Ion Ratio Lower Upper
62 100
98 9.9 0.0 18.4



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





#43

Isopropyl Acetate

Concen: 1.001 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX015961.D

Acq: 28 Apr 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

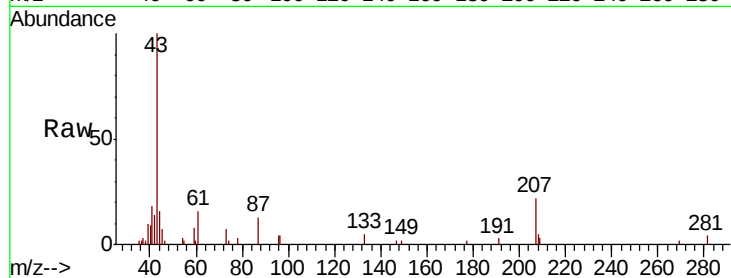
Tot Ion: 43 Resp: 7595

Ion Ratio Lower Upper

43 100

61 21.3 16.1 24.1

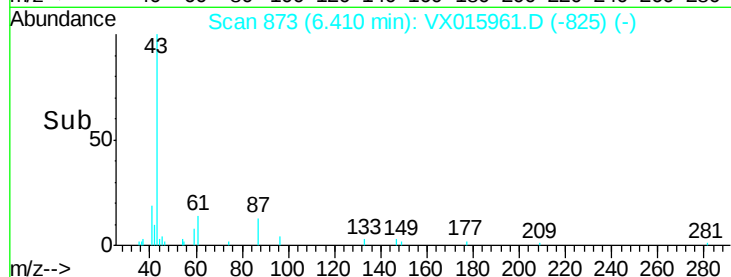
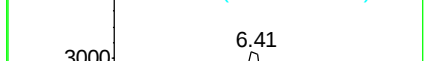
87 14.1 10.9 16.3



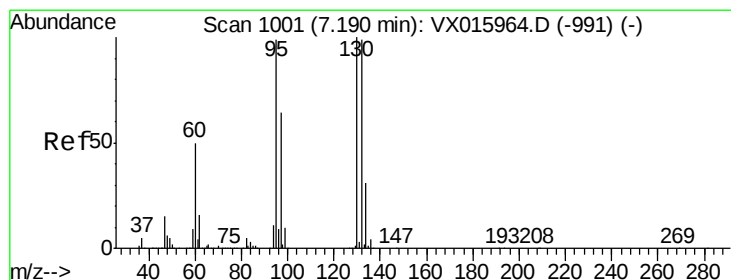
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



Time-->



#44

Trichloroethene

Concen: 1.156 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX015961.D

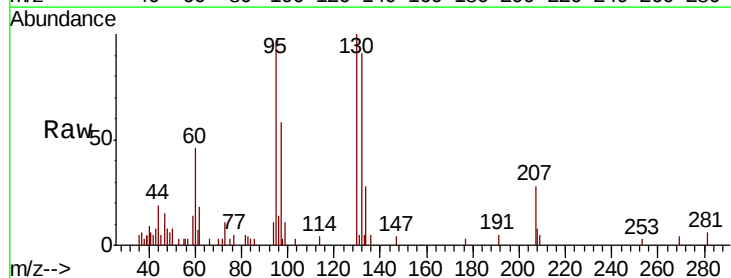
Acq: 28 Apr 2020 15:01

Tgt Ion: 130 Resp: 4753

Ion Ratio Lower Upper

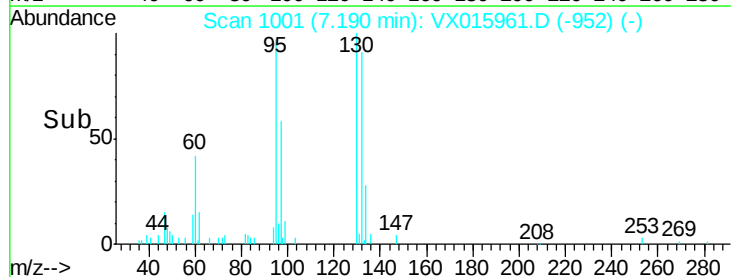
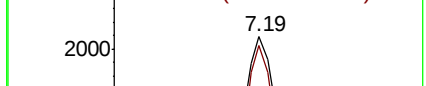
130 100

95 96.9 0.0 197.4

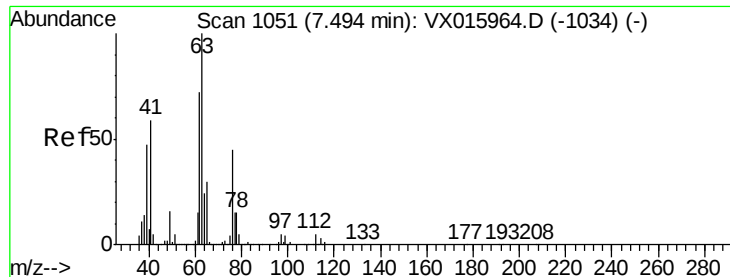


Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



Time-->



#45

1,2-Dichloropropane

Concen: 1.038 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX015961.D

Acq: 28 Apr 2020 15:01

Instrument :

MSVOA_X

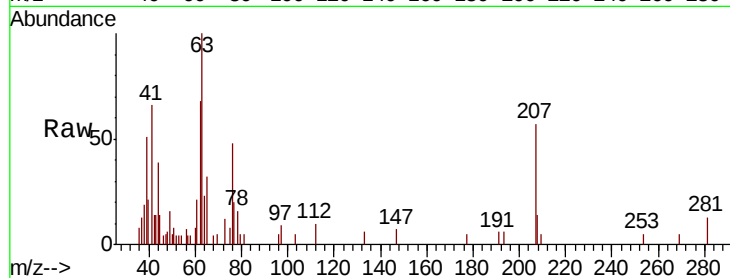
ClientSampleId :

Tot Ion: 63 Resp: 3059

Ion Ratio Lower Upper

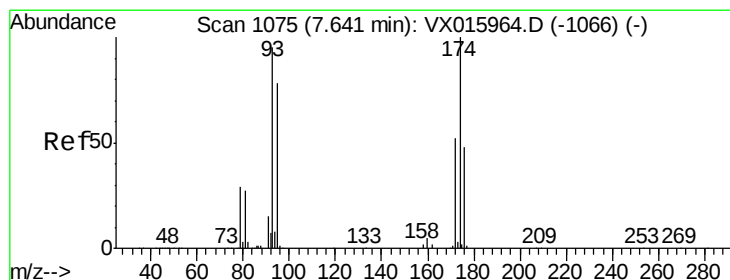
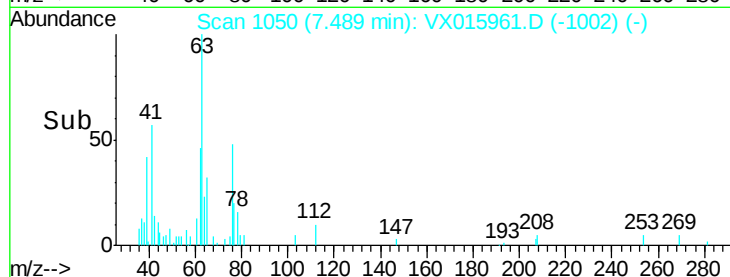
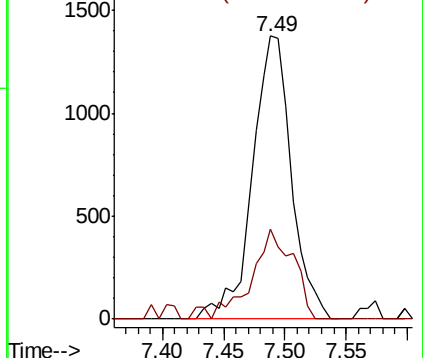
63 100

65 31.6 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 1.043 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX015961.D

Acq: 28 Apr 2020 15:01

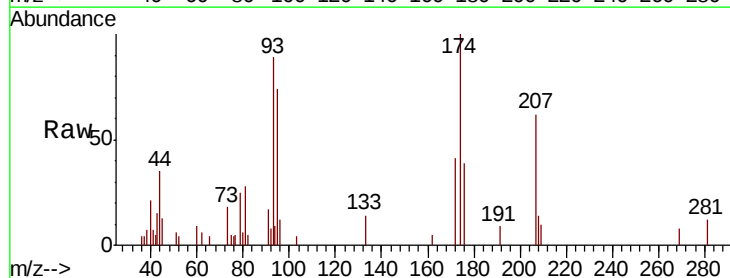
Tgt Ion: 93 Resp: 2184

Ion Ratio Lower Upper

93 100

95 88.0 65.5 98.3

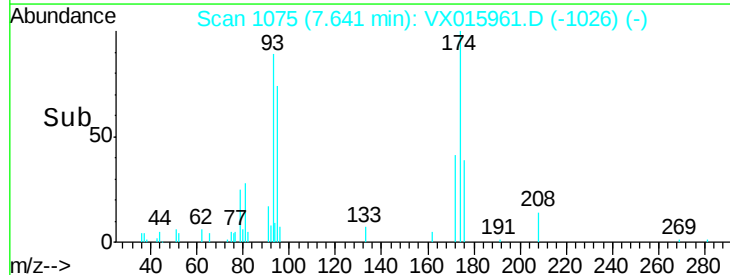
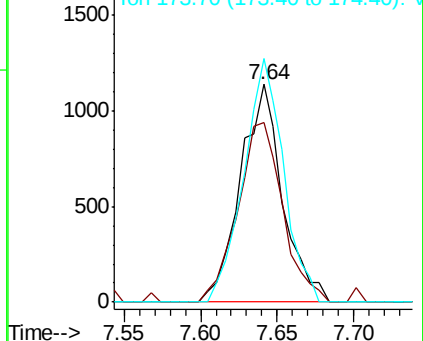
174 105.4 82.7 124.1

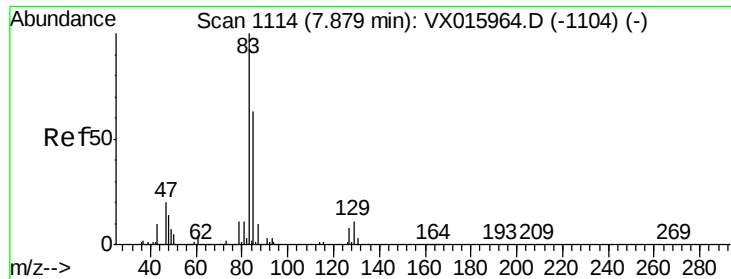


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 0.960 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX015961.D

Acq: 28 Apr 2020 15:01

Instrument :
MSVOA_X
ClientSampled :

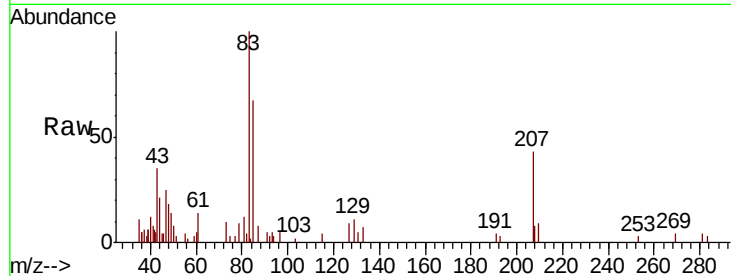
Tot Ion: 83 Resp: 3995

Ion Ratio Lower Upper

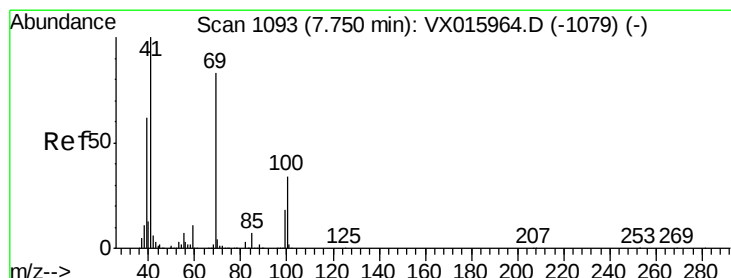
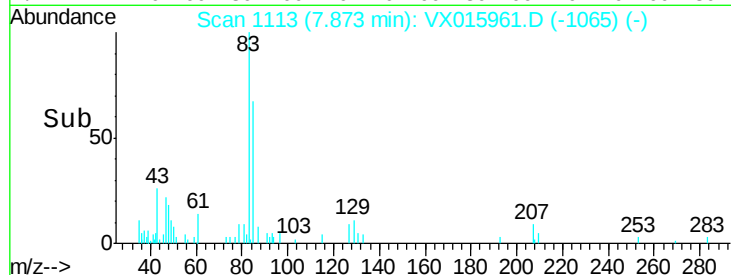
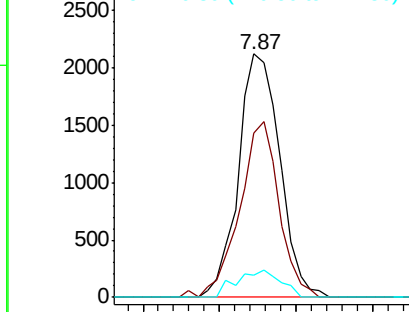
83 100

85 67.5 50.6 75.8

127 9.3 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: 0.897 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VX015961.D

Acq: 28 Apr 2020 15:01

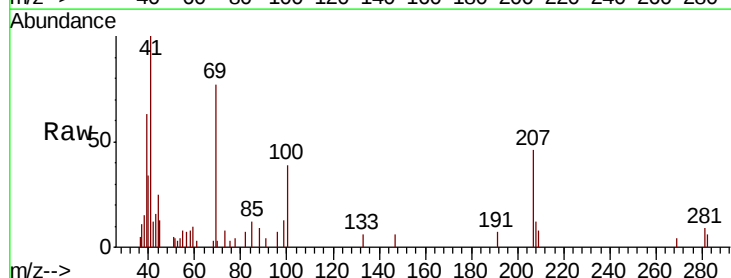
Tgt Ion: 41 Resp: 3142

Ion Ratio Lower Upper

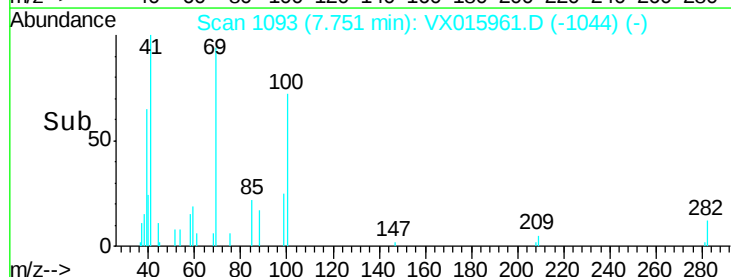
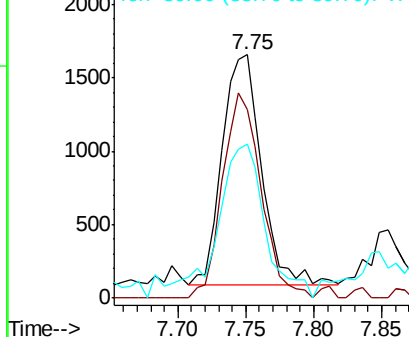
41 100

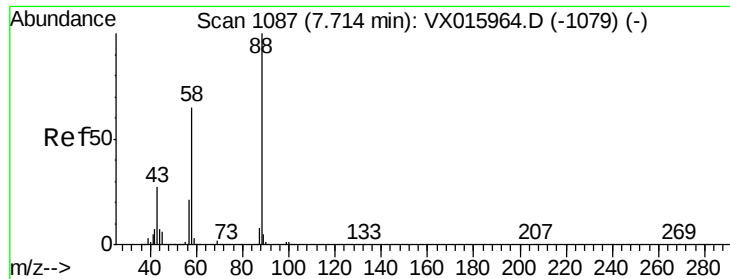
69 87.6 66.0 99.0

39 82.8 49.0 73.4#



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: 21.253 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX015961.D

Acq: 28 Apr 2020 15:01

Instrument :

MSVOA_X

ClientSampled :

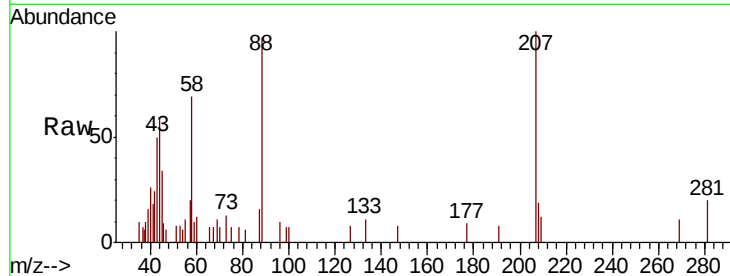
Tot Ion: 88 Resp: 1752

Ion Ratio Lower Upper

88 100

43 44.1 26.6 39.8#

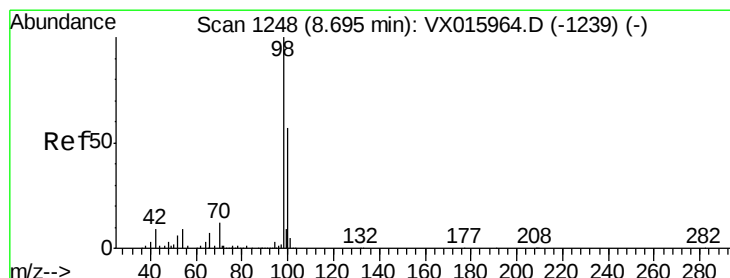
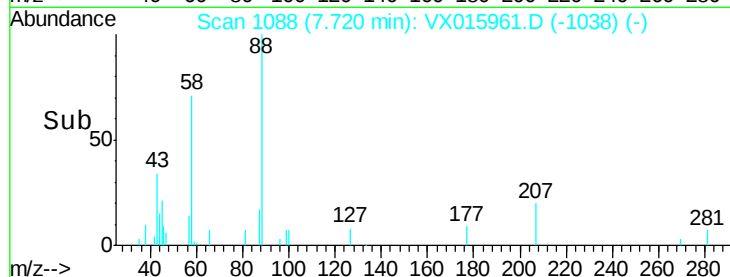
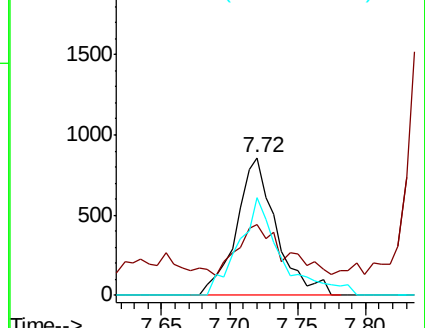
58 75.6 54.8 82.2



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: 1.377 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX015961.D

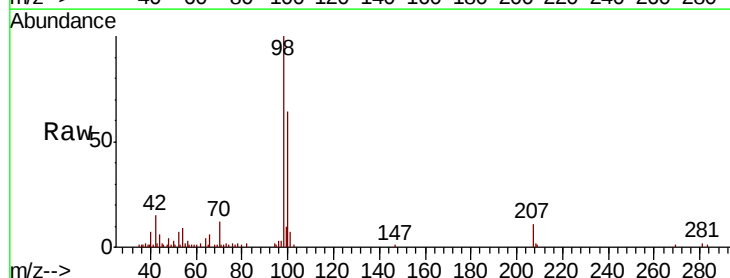
Acq: 28 Apr 2020 15:01

Tgt Ion: 98 Resp: 13474

Ion Ratio Lower Upper

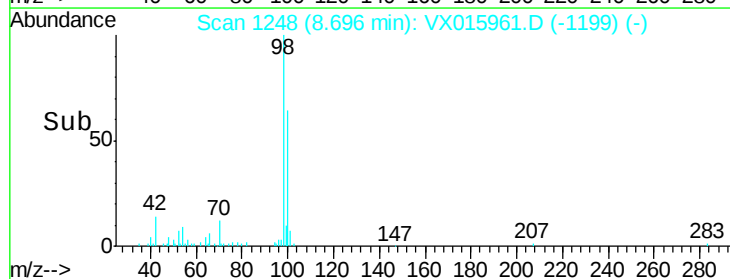
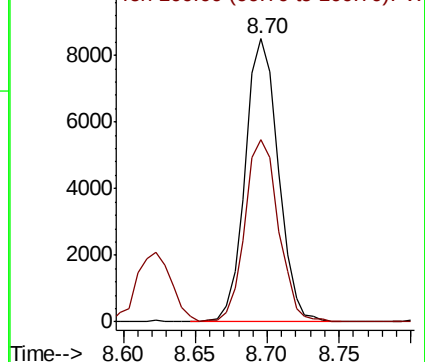
98 100

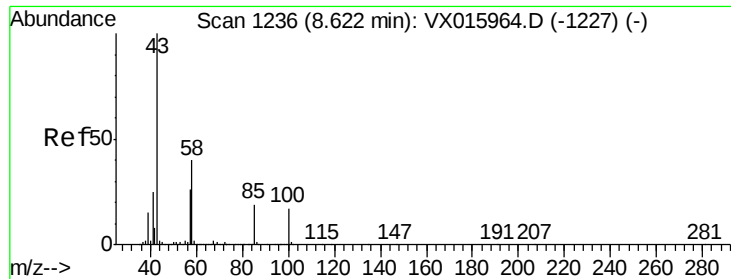
100 65.6 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 4.541 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX015961.D

Acq: 28 Apr 2020 15:01

Instrument :

MSVOA_X

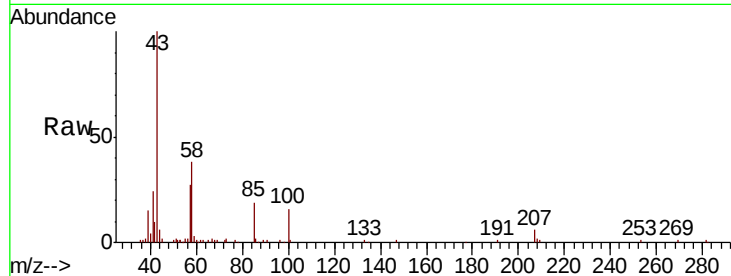
ClientSampled :

Tot Ion: 43 Resp: 20904

Ion Ratio Lower Upper

43 100

58 38.6 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

15000

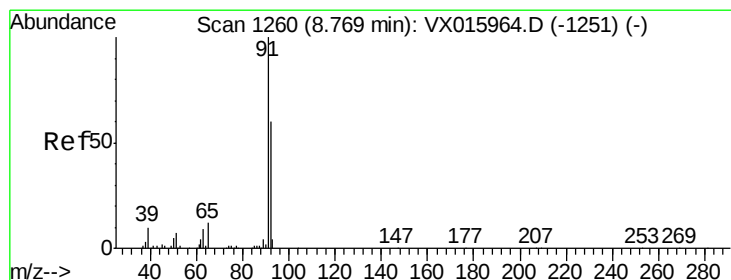
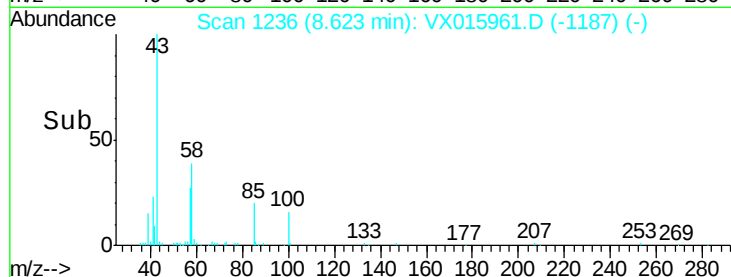
10000

5000

0

Time-->

8.50 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 1.005 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX015961.D

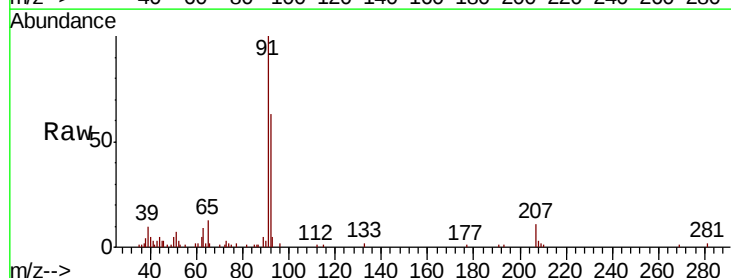
Acq: 28 Apr 2020 15:01

Tgt Ion: 92 Resp: 7279

Ion Ratio Lower Upper

92 100

91 170.5 134.6 202.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.76

8000

6000

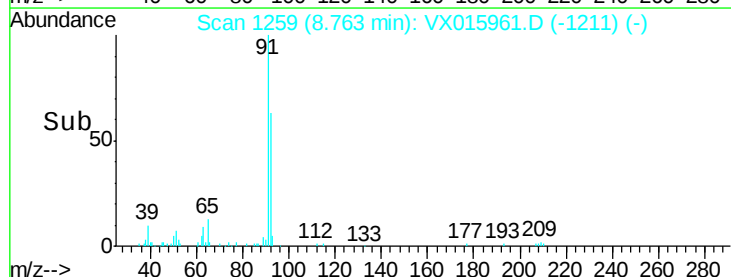
4000

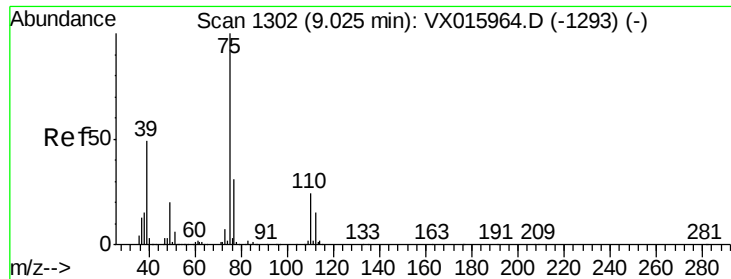
2000

0

Time-->

8.70 8.75 8.80 8.85

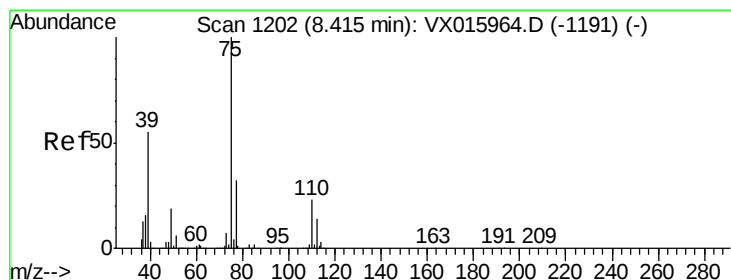
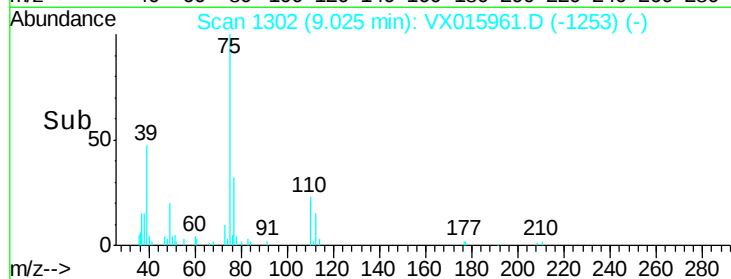
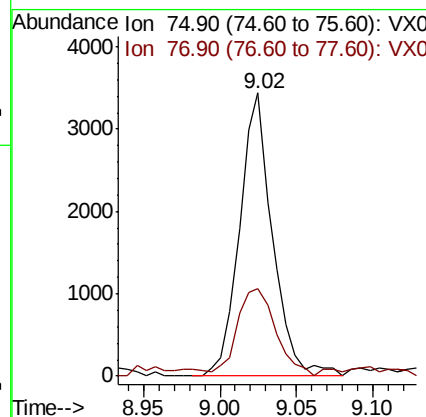
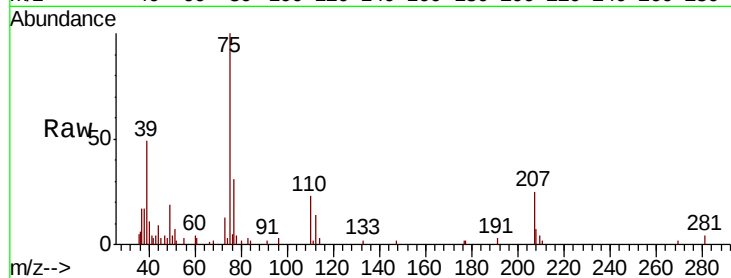




#53
 t-1,3-Dichloropropene
 Concen: 1.040 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: VX015961.D
 Acq: 28 Apr 2020 15:01

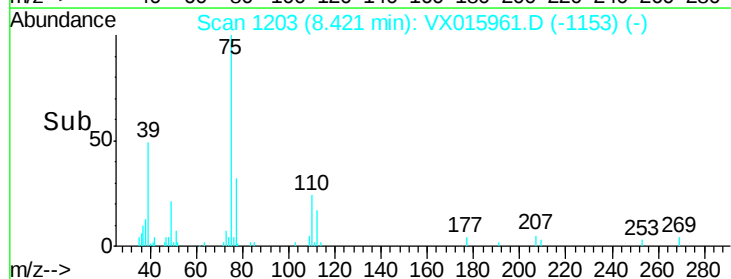
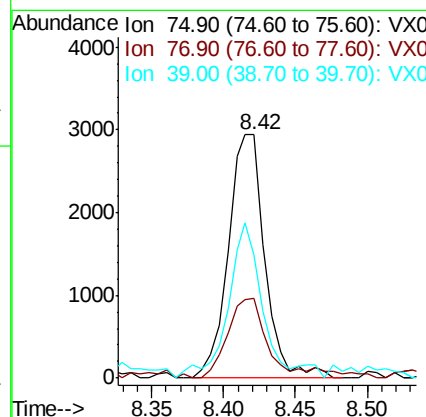
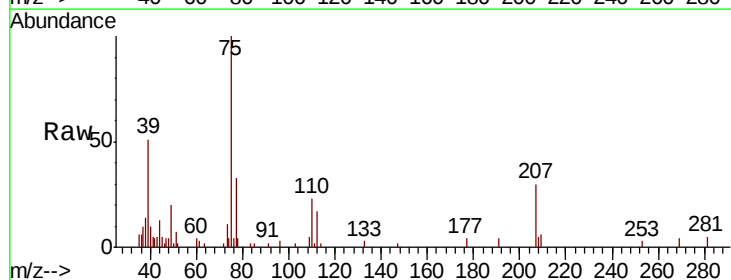
Instrument :
 MSVOA_X
 ClientSampleId :

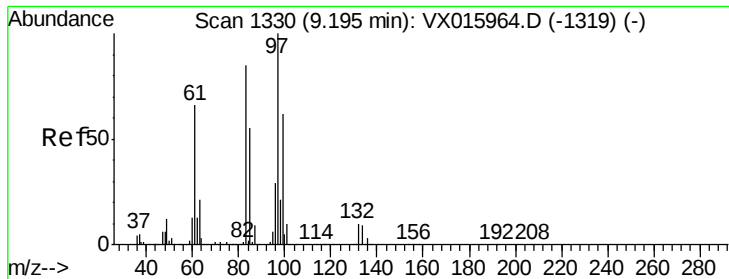
Tot Ion: 75 Resp: 5135
 Ion Ratio Lower Upper
 75 100
 77 29.3 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 1.030 ug/l
 RT: 8.42 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: VX015961.D
 Acq: 28 Apr 2020 15:01

Tgt Ion: 75 Resp: 5231
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.4 38.0
 39 47.9 44.1 66.1





#55

1,1,2-Trichloroethane

Concen: 0.990 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX015961.D

Acq: 28 Apr 2020 15:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 97 Resp: 2865

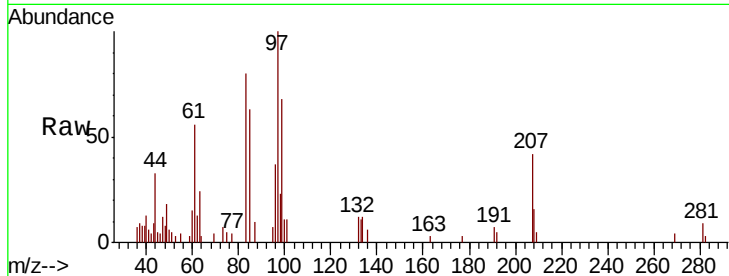
Ion Ratio Lower Upper

97 100

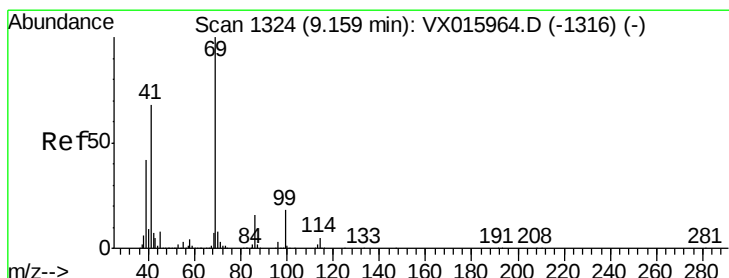
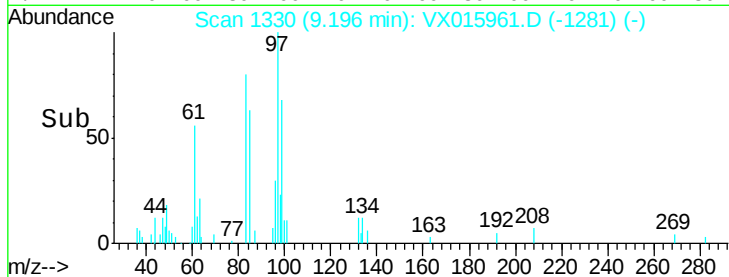
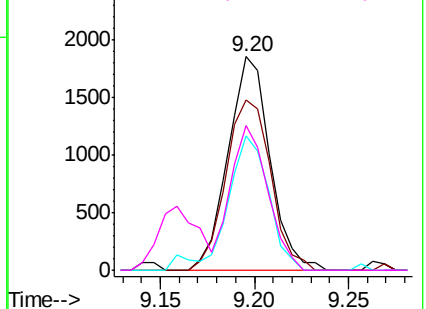
83 79.8 68.2 102.2

85 62.8 43.7 65.5

99 68.0 49.7 74.5



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: 0.903 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX015961.D

Acq: 28 Apr 2020 15:01

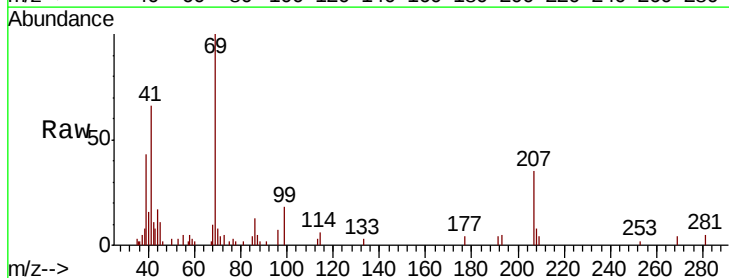
Tgt Ion: 69 Resp: 4248

Ion Ratio Lower Upper

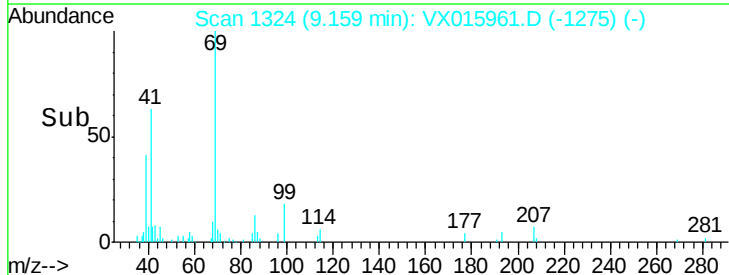
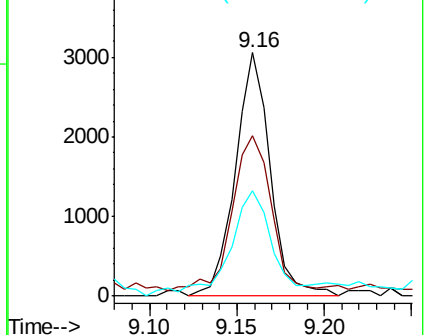
69 100

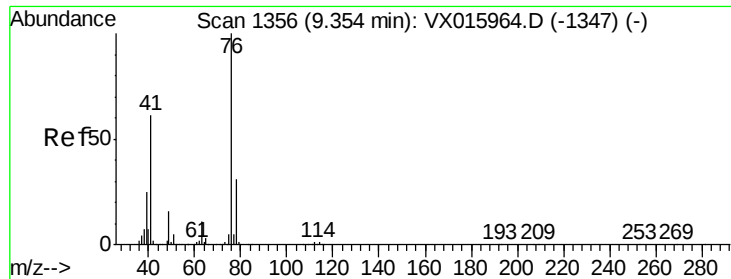
41 70.1 53.5 80.3

39 53.1 33.4 50.0#



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: 0.994 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX015961.D

Acq: 28 Apr 2020 15:01

Instrument :

MSVOA_X

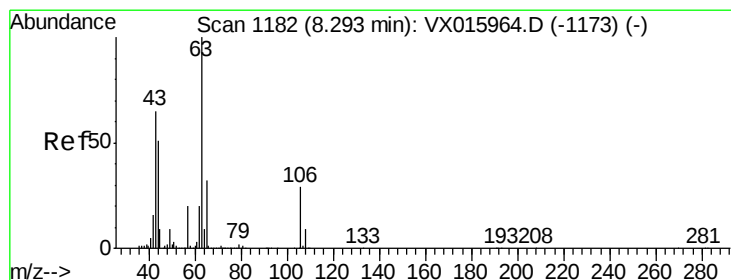
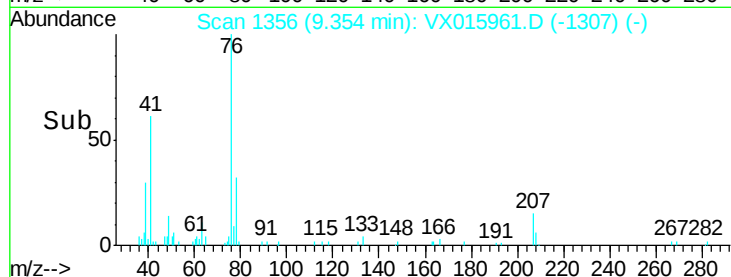
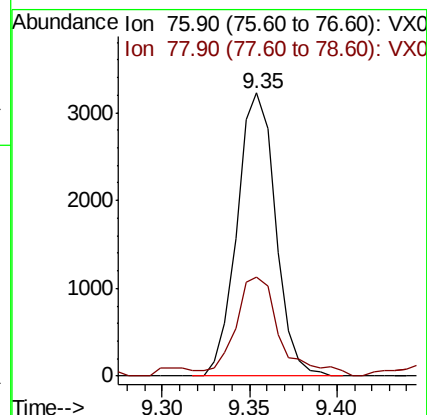
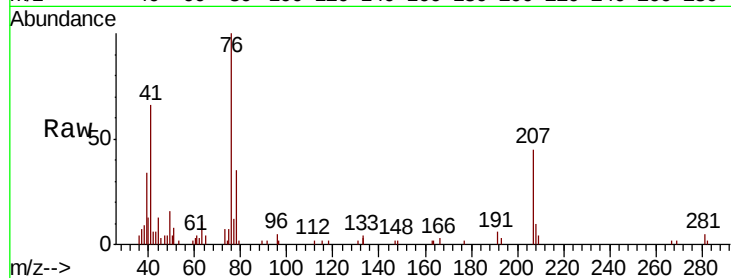
ClientSampleId :

Tot Ion: 76 Resp: 4942

Ion Ratio Lower Upper

76 100

78 40.5 25.5 38.3#



#58

2-Chloroethyl Vinyl ether

Concen: 4.832 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX015961.D

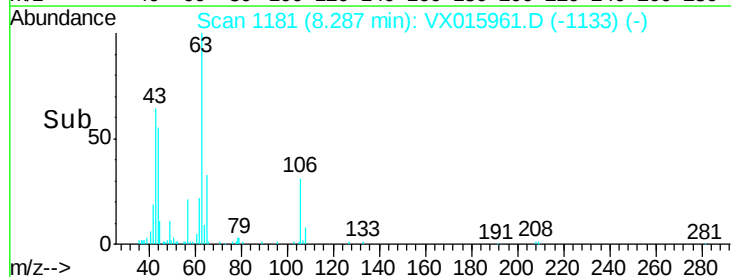
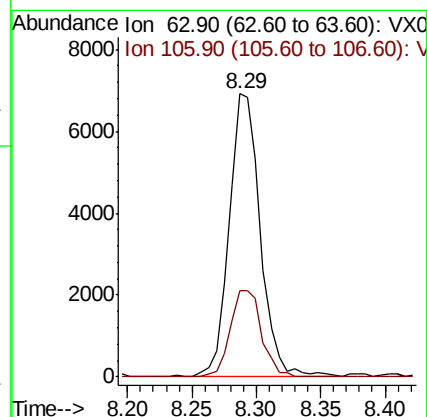
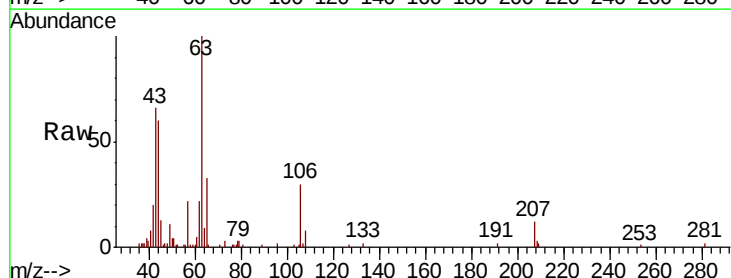
Acq: 28 Apr 2020 15:01

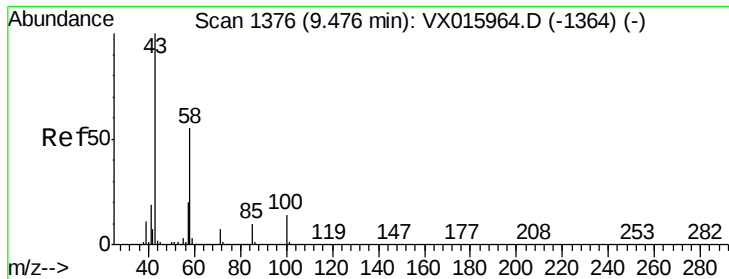
Tgt Ion: 63 Resp: 11747

Ion Ratio Lower Upper

63 100

106 30.6 23.6 35.4

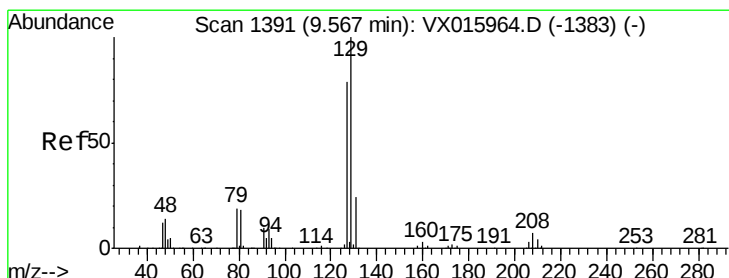
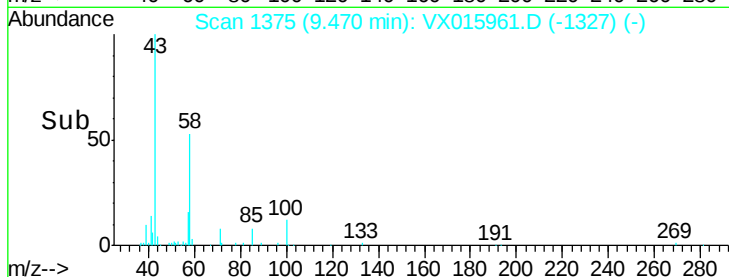
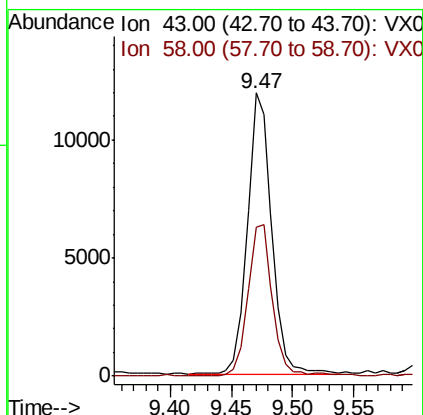
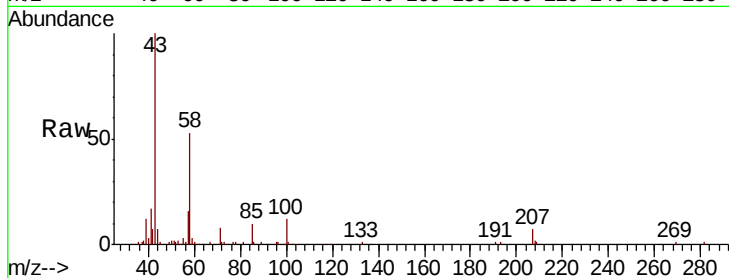




#59
2-Hexanone
Concen: 4.530 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX015961.D
Acq: 28 Apr 2020 15:01

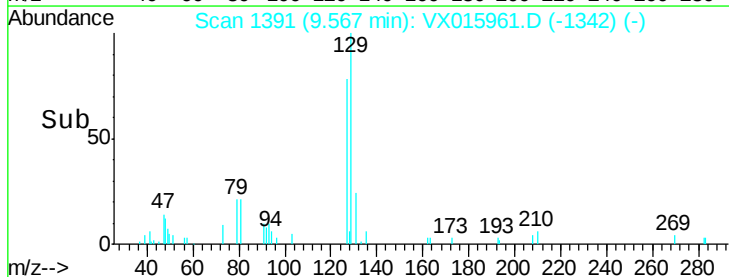
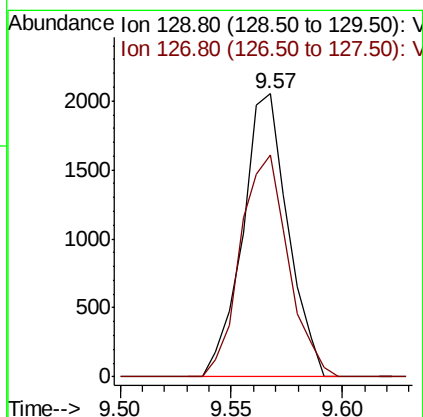
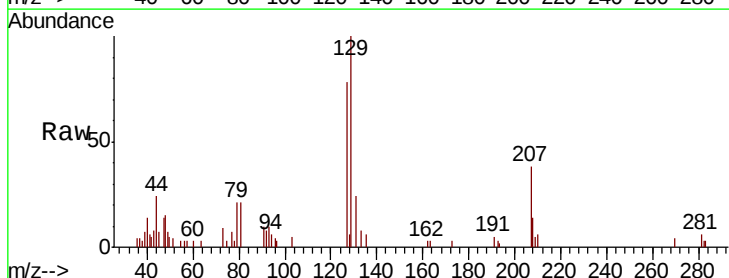
Instrument :
MSVOA_X
ClientSampleId :

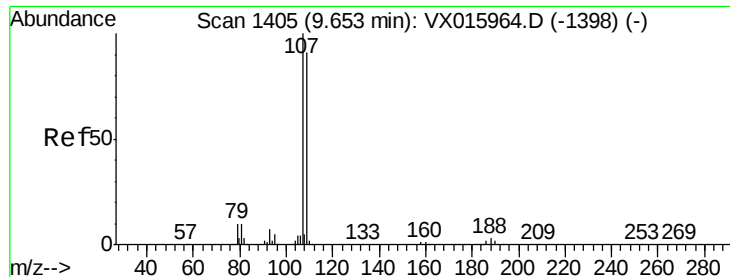
Tot Ion: 43 Resp: 16298
Ion Ratio Lower Upper
43 100
58 55.2 27.7 83.1



#60
Dibromochloromethane
Concen: 0.900 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX015961.D
Acq: 28 Apr 2020 15:01

Tgt Ion:129 Resp: 2915
Ion Ratio Lower Upper
129 100
127 82.5 39.4 118.1





#61

1,2-Dibromoethane

Concen: 0.971 ug/l

RT: 9.66 min Scan# 1406

Delta R.T. 0.01 min

Lab File: VX015961.D

Acq: 28 Apr 2020 15:01

Instrument :

MSVOA_X

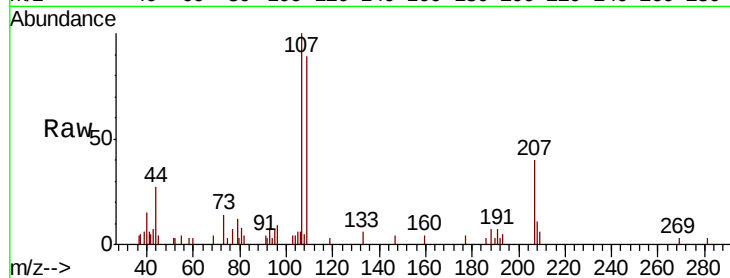
ClientSampleId :

Tot Ion:107 Resp: 3045

Ion Ratio Lower Upper

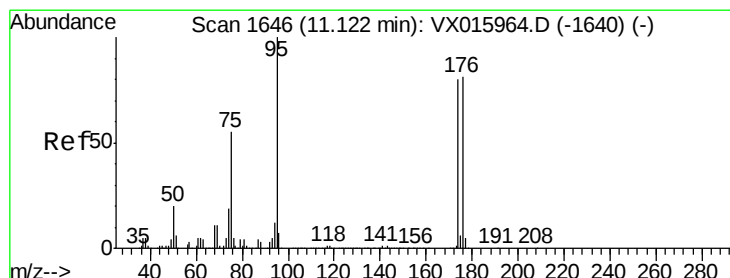
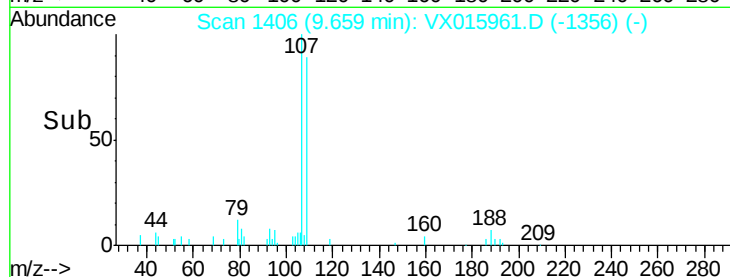
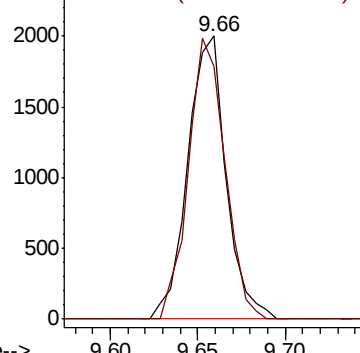
107 100

109 94.7 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 1.305 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX015961.D

Acq: 28 Apr 2020 15:01

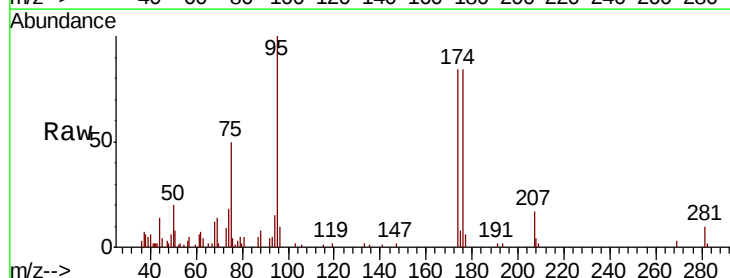
Tgt Ion: 95 Resp: 5009

Ion Ratio Lower Upper

95 100

174 83.2 0.0 165.0

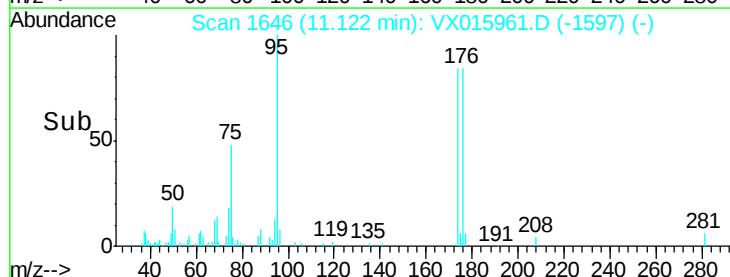
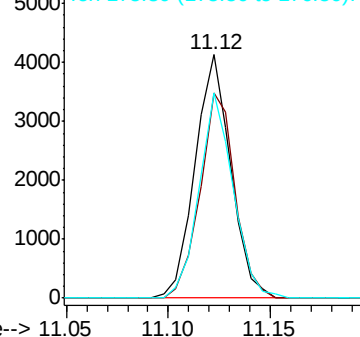
176 81.0 0.0 163.2

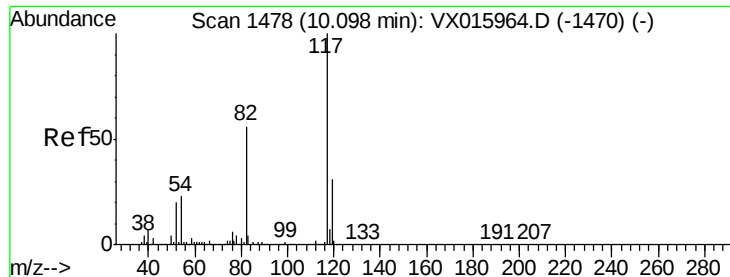


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

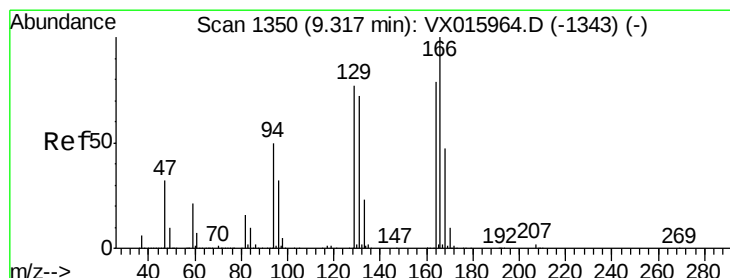
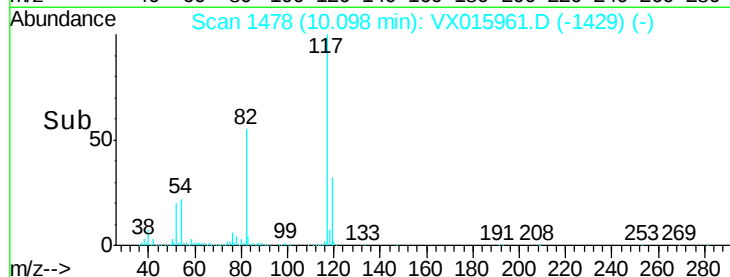
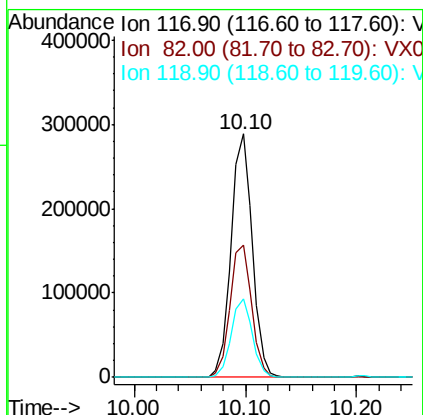
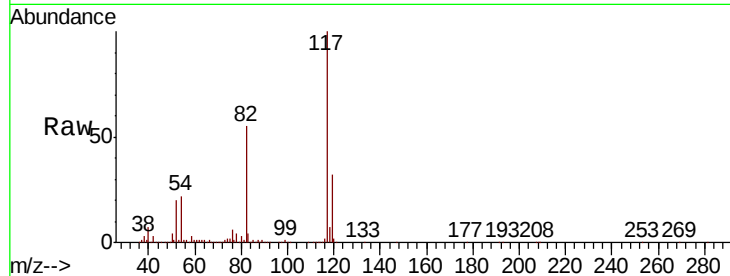




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX015961.D
Acq: 28 Apr 2020 15:01

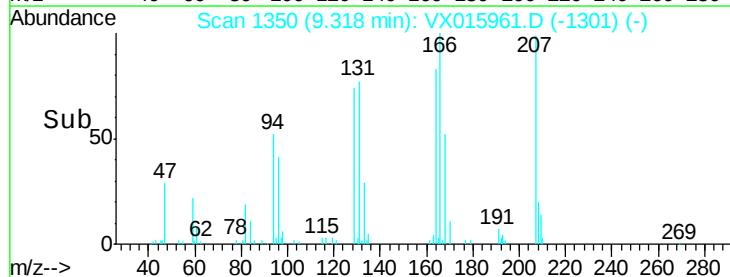
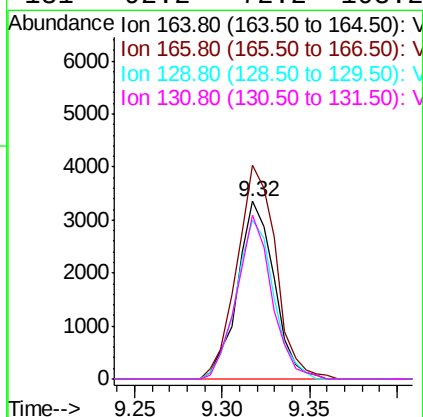
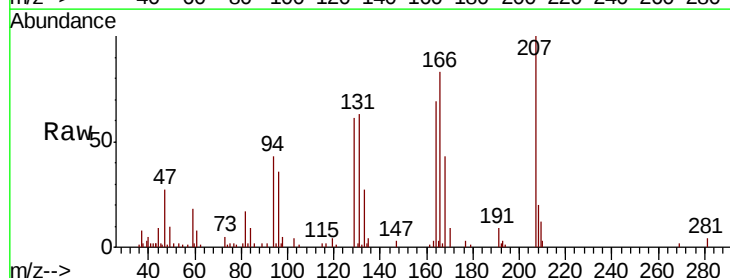
Instrument :
MSVOA_X
ClientSampleId :

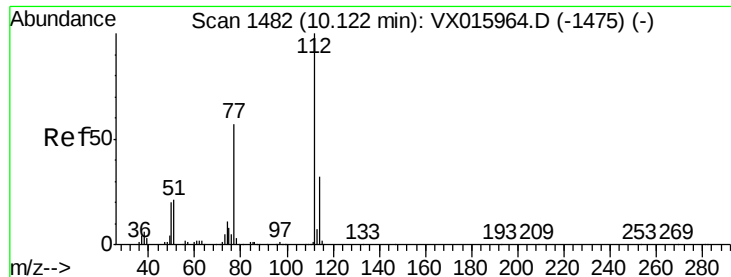
Tot Ion:117 Resp: 379726
Ion Ratio Lower Upper
117 100
82 54.5 44.5 66.7
119 32.4 25.0 37.6



#64
Tetrachloroethene
Concen: 1.086 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX015961.D
Acq: 28 Apr 2020 15:01

Tgt Ion:164 Resp: 4891
Ion Ratio Lower Upper
164 100
166 120.4 101.0 151.4
129 89.4 77.4 116.0
131 92.2 72.2 108.2

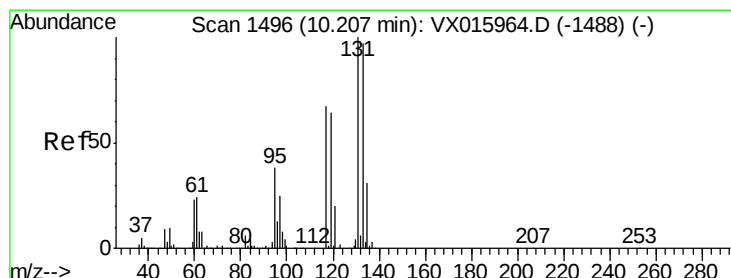
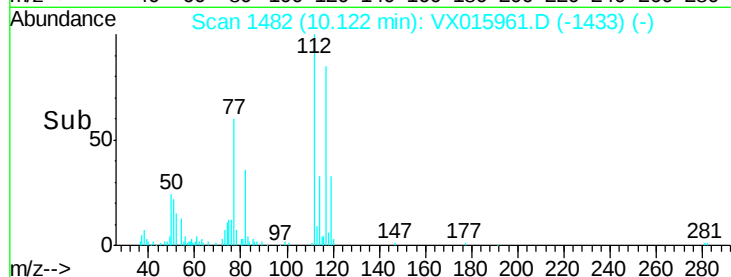
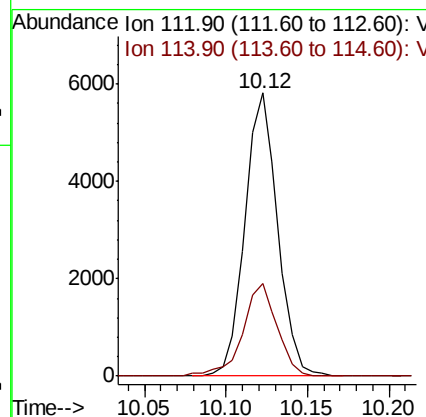
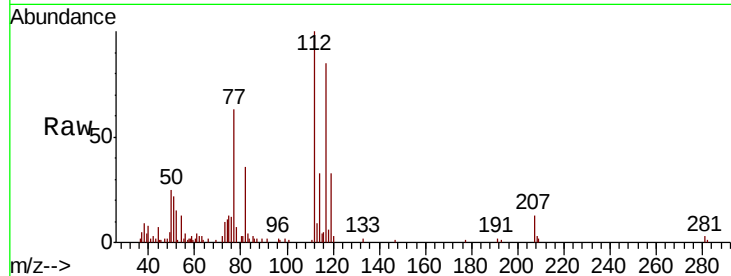




#65
Chlorobenzene
Concen: 1.047 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX015961.D
Acq: 28 Apr 2020 15:01

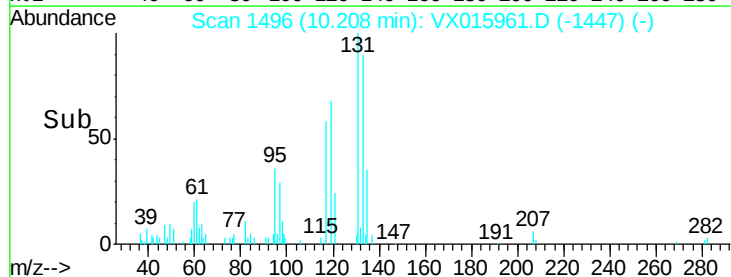
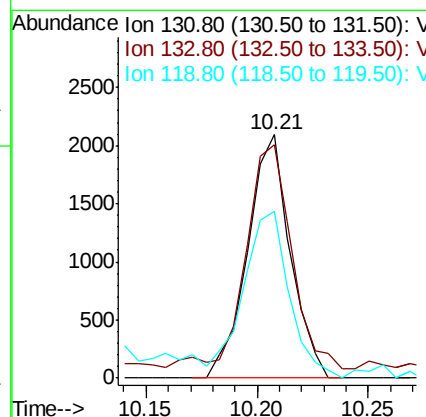
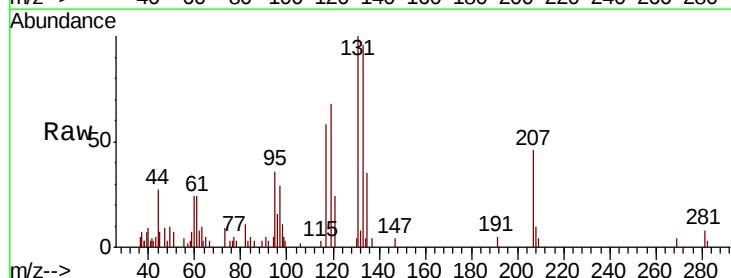
Instrument :
MSVOA_X
ClientSampleId :

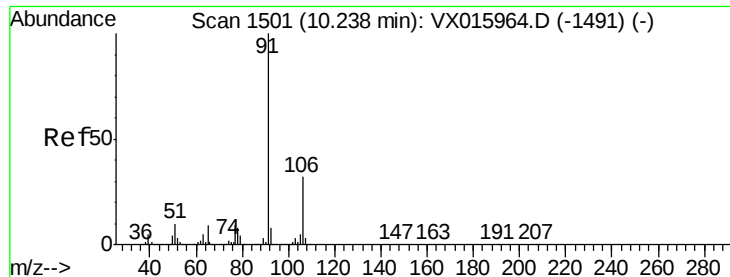
Tot Ion:112 Resp: 8101
Ion Ratio Lower Upper
112 100
114 32.6 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 0.956 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX015961.D
Acq: 28 Apr 2020 15:01

Tgt Ion:131 Resp: 2795
Ion Ratio Lower Upper
131 100
133 100.4 48.3 144.8
119 0.0 31.6 94.8#

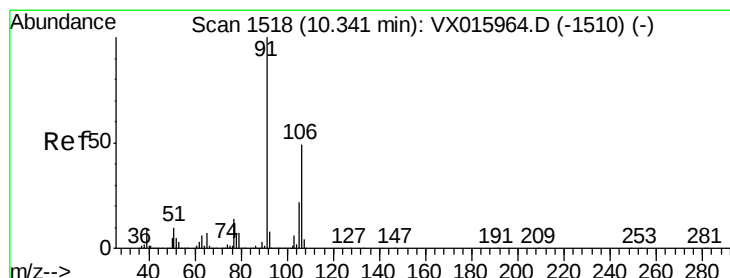
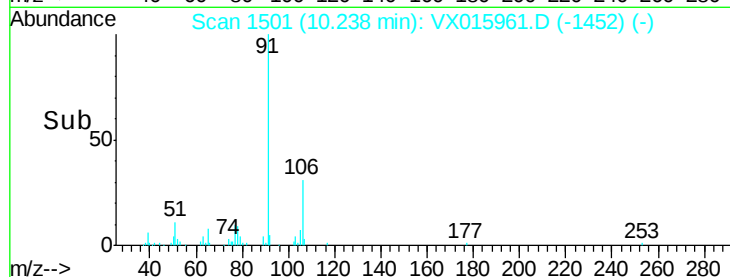
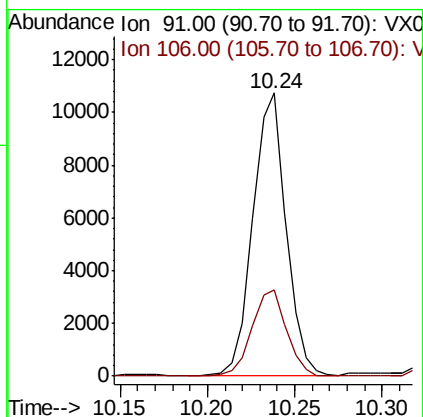
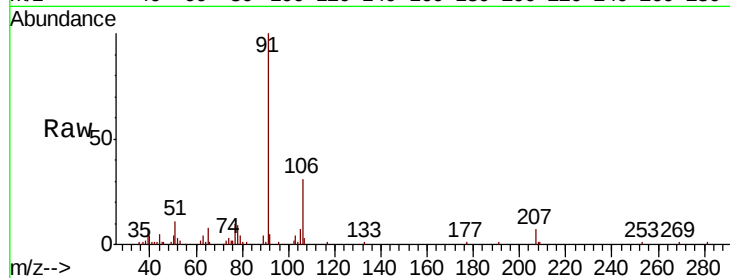




#67
Ethyl Benzene
Concen: 1.031 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX015961.D
Acq: 28 Apr 2020 15:01

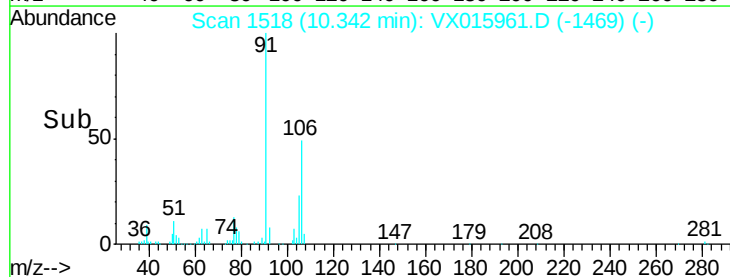
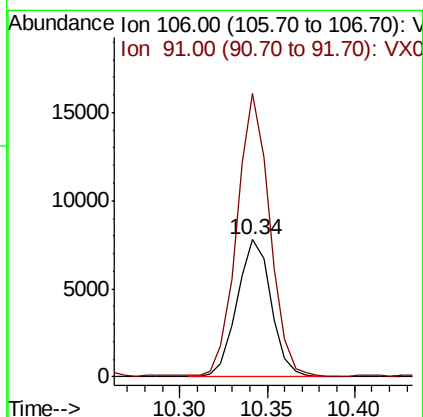
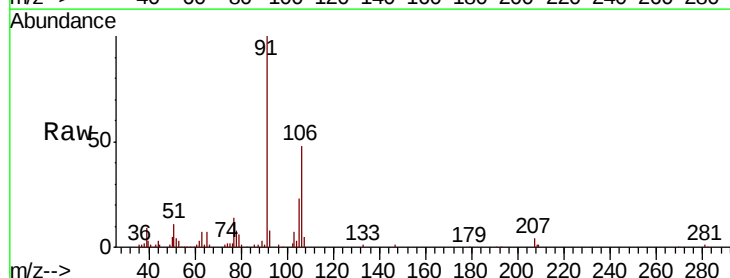
Instrument :
MSVOA_X
ClientSampleId :

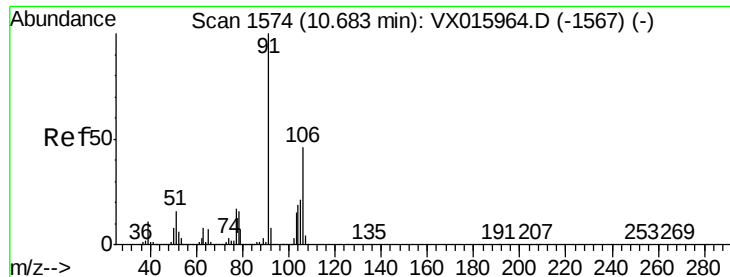
Tot Ion: 91 Resp: 14198
Ion Ratio Lower Upper
91 100
106 30.5 25.3 37.9



#68
m/p-Xylenes
Concen: 2.018 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX015961.D
Acq: 28 Apr 2020 15:01

Tgt Ion: 106 Resp: 10549
Ion Ratio Lower Upper
106 100
91 197.8 161.6 242.4

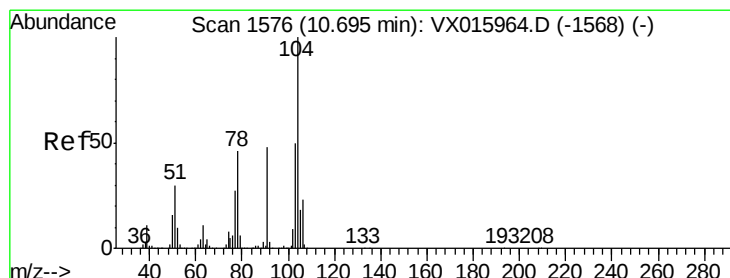
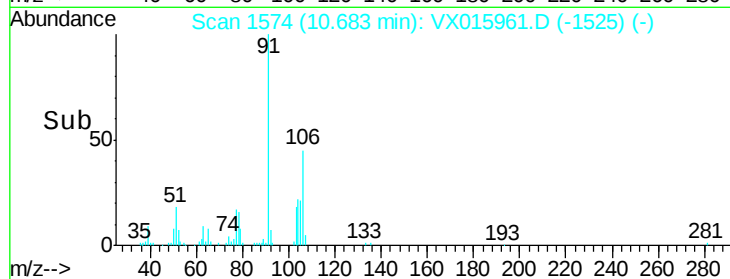
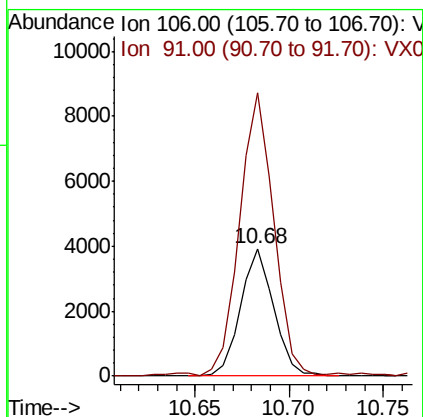
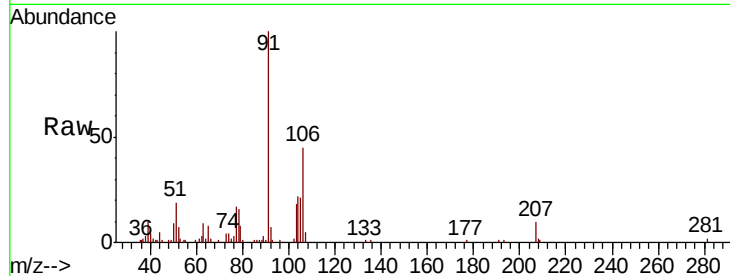




#69
o-Xylene
Concen: 0.961 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX015961.D
Acq: 28 Apr 2020 15:01

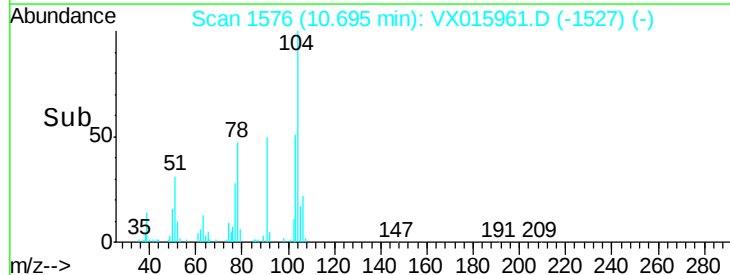
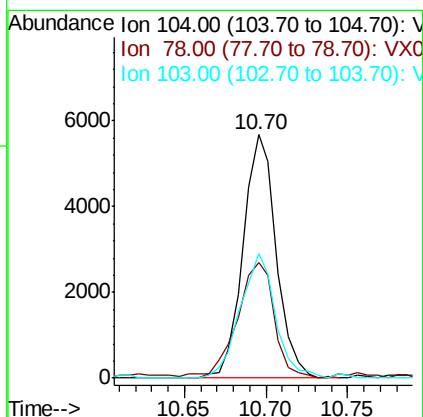
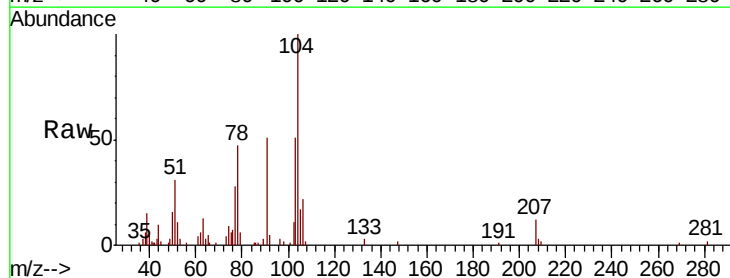
Instrument :
MSVOA_X
ClientSampled :

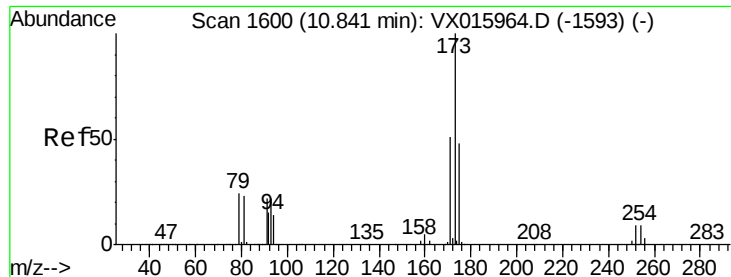
Tot Ion:106 Resp: 4770
Ion Ratio Lower Upper
106 100
91 231.5 106.1 318.3



#70
Styrene
Concen: 0.943 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX015961.D
Acq: 28 Apr 2020 15:01

Tgt Ion:104 Resp: 8026
Ion Ratio Lower Upper
104 100
78 53.3 41.0 61.4
103 54.5 43.4 65.2





#71

Bromoform

Concen: 0.830 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX015961.D

Acq: 28 Apr 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

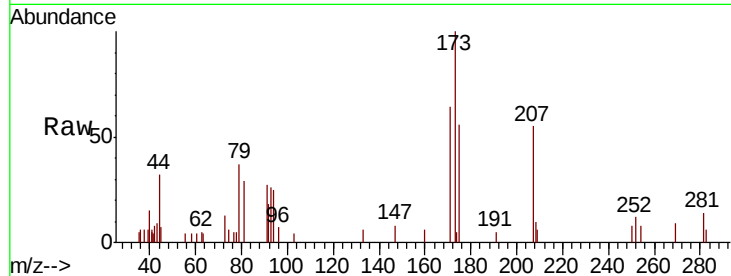
Tot Ion:173 Resp: 1966

Ion Ratio Lower Upper

173 100

175 46.0 24.1 72.4

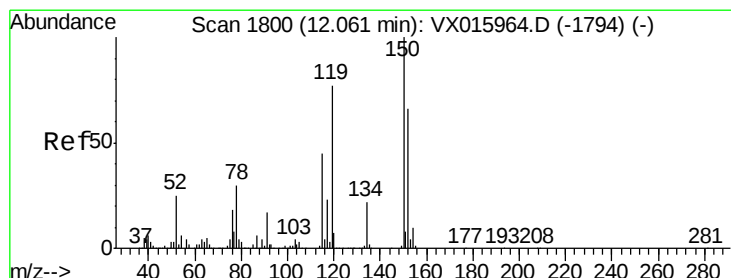
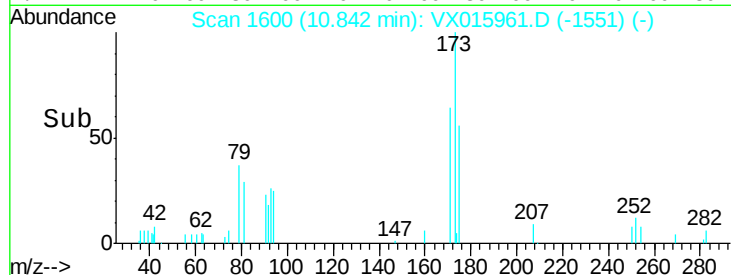
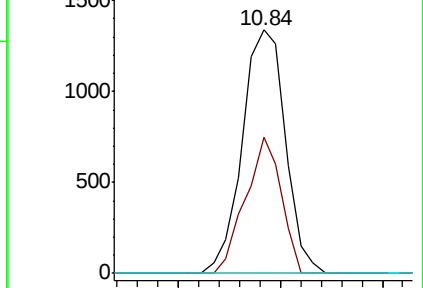
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX015961.D

Acq: 28 Apr 2020 15:01

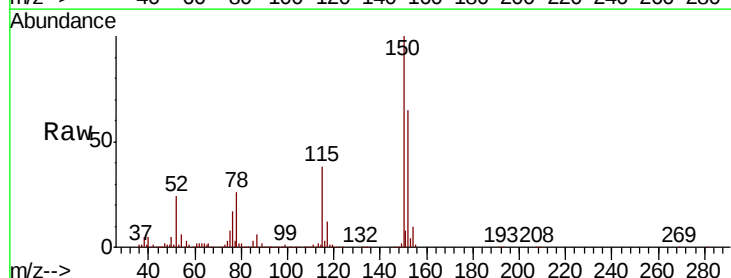
Tgt Ion:152 Resp: 194711

Ion Ratio Lower Upper

152 100

115 56.4 40.9 122.7

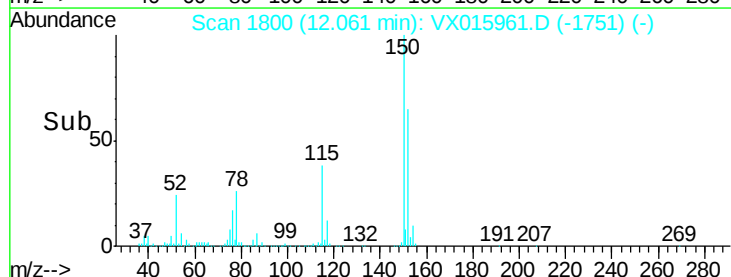
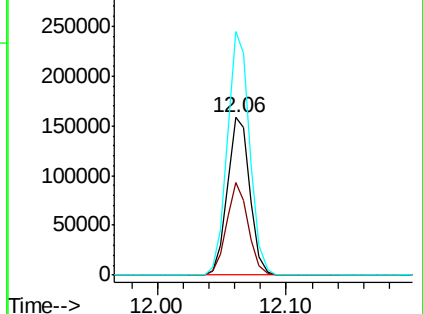
150 152.7 0.0 342.4

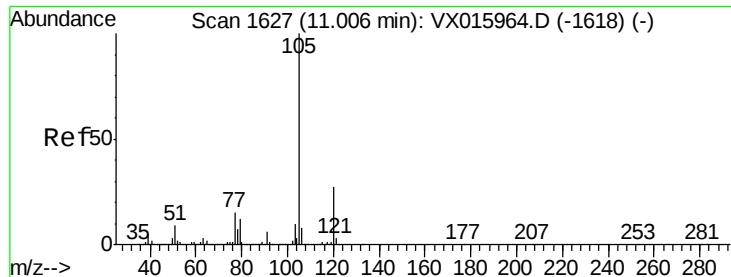


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.024 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX015961.D

Acq: 28 Apr 2020 15:01

Instrument :

MSVOA_X

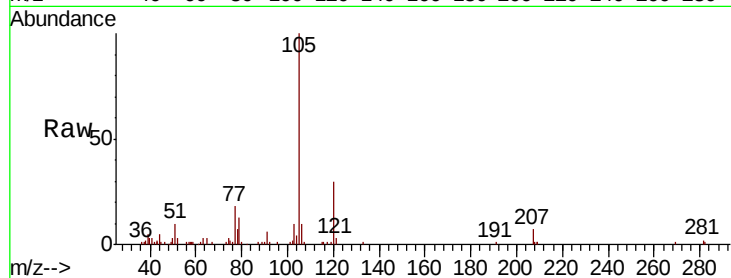
ClientSampleId :

Tot Ion:105 Resp: 13567

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12000

10000

8000

6000

4000

2000

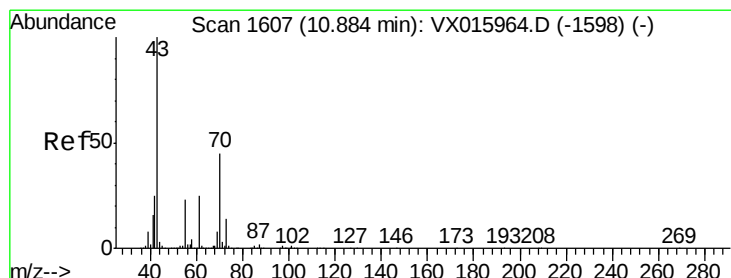
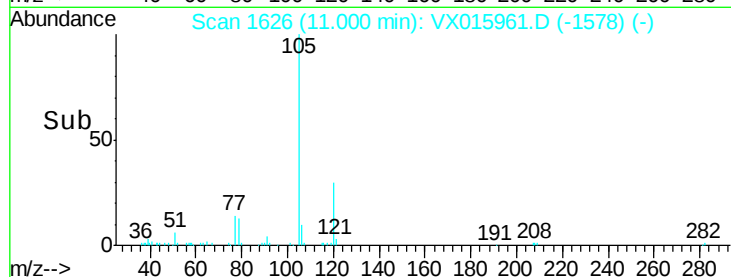
0

11.00

10.95

11.05

Time-->



#74

N-ethyl acetate

Concen: 0.971 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX015961.D

Acq: 28 Apr 2020 15:01

Tgt Ion: 43 Resp: 6206

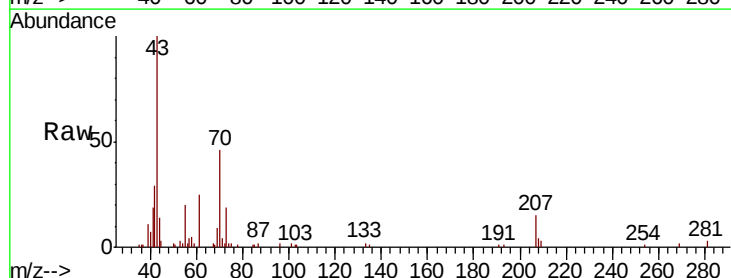
Ion Ratio Lower Upper

43 100

70 44.8 34.5 51.7

55 24.5 18.6 28.0

61 24.8 19.8 29.6



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

6000

4000

2000

0

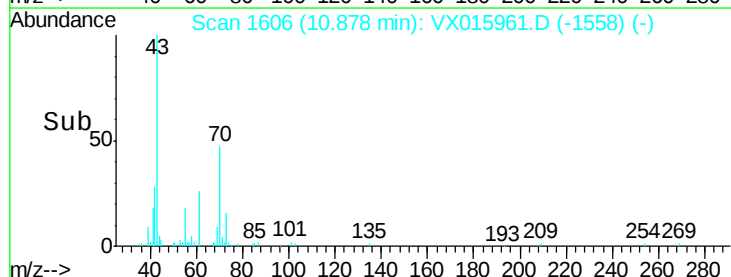
10.88

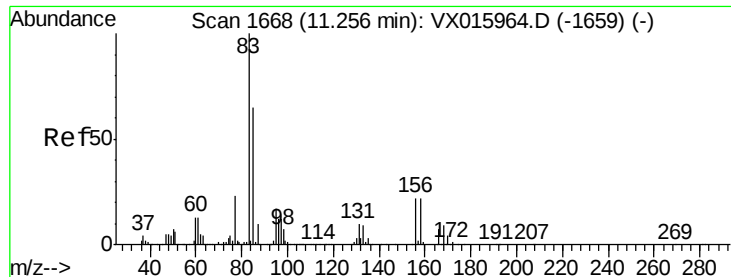
10.85

10.90

10.95

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 0.719 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX015961.D

Acq: 28 Apr 2020 15:01

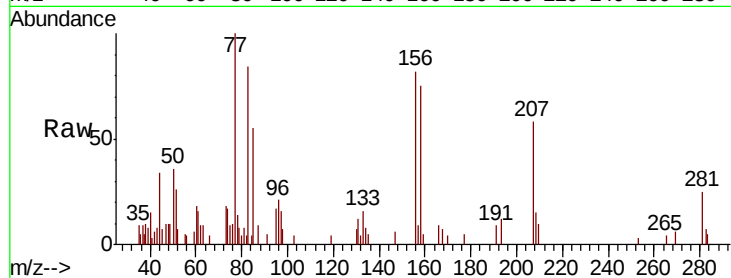
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 83 Resp: 1846

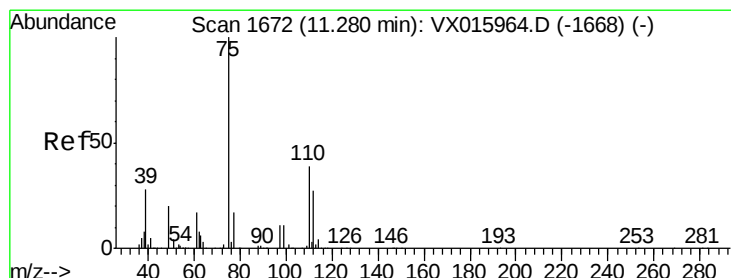
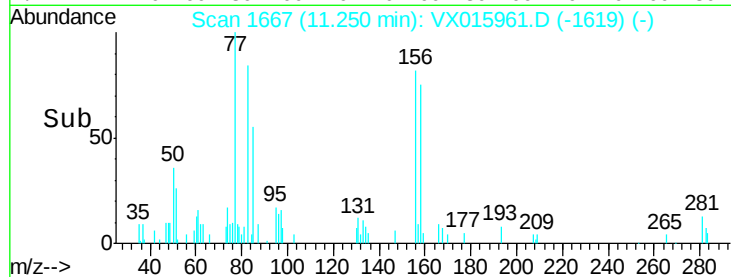
Ion	Ratio	Lower	Upper
83	100		
131	13.4	5.1	15.4
85	74.2	32.2	96.6



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: 1.087 ug/l

RT: 11.28 min Scan# 1672

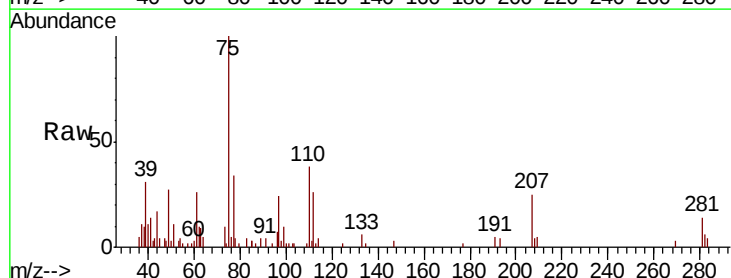
Delta R.T. 0.00 min

Lab File: VX015961.D

Acq: 28 Apr 2020 15:01

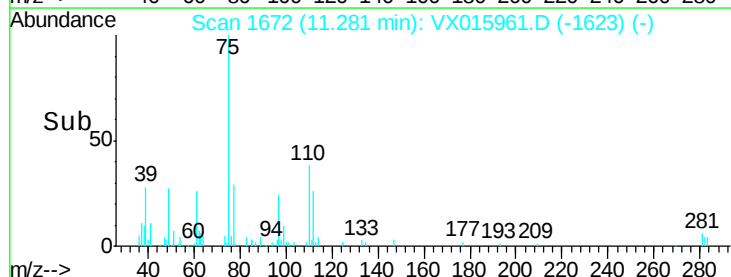
Tgt Ion: 75 Resp: 5542

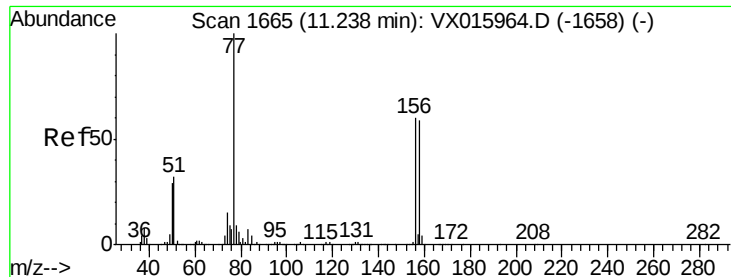
Ion	Ratio	Lower	Upper
75	100		
77	31.7	21.6	65.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 1.017 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX015961.D

Acq: 28 Apr 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

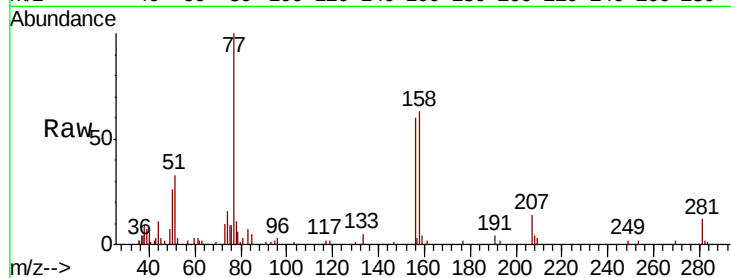
Tot Ion:156 Resp: 3468

Ion Ratio Lower Upper

156 100

77 161.9 78.3 234.8

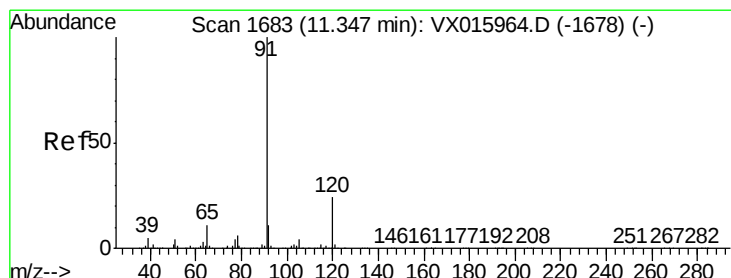
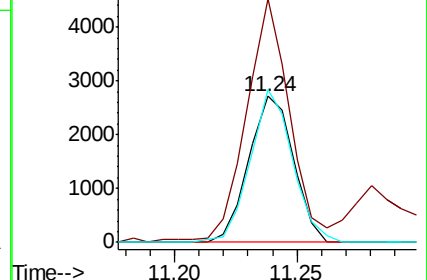
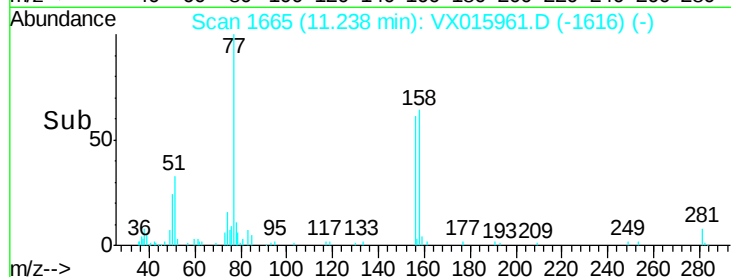
158 98.8 48.5 145.5



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: 1.011 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX015961.D

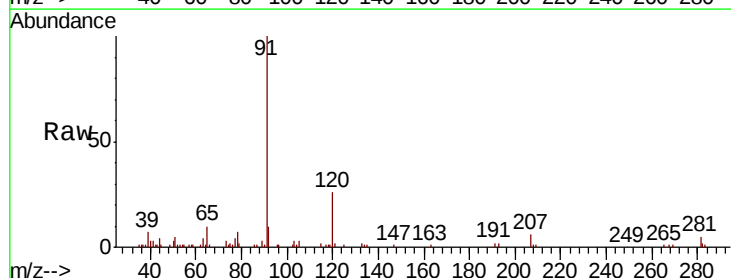
Acq: 28 Apr 2020 15:01

Tgt Ion: 91 Resp: 15402

Ion Ratio Lower Upper

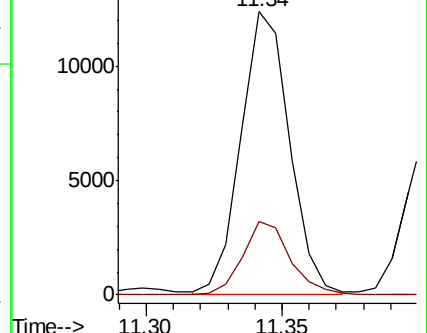
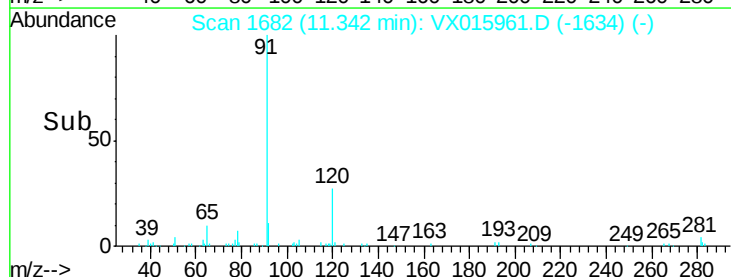
91 100

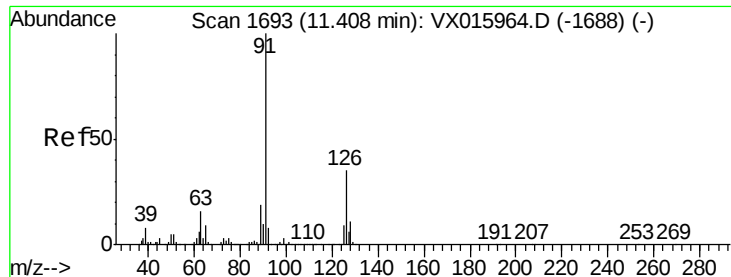
120 25.2 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

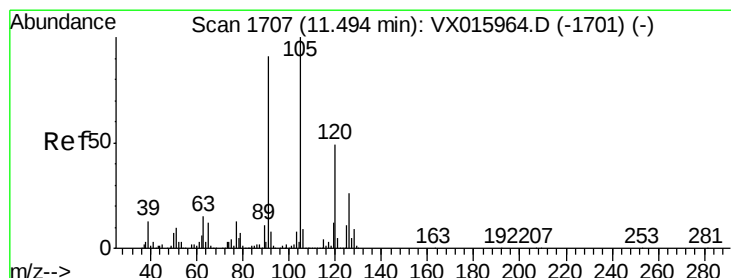
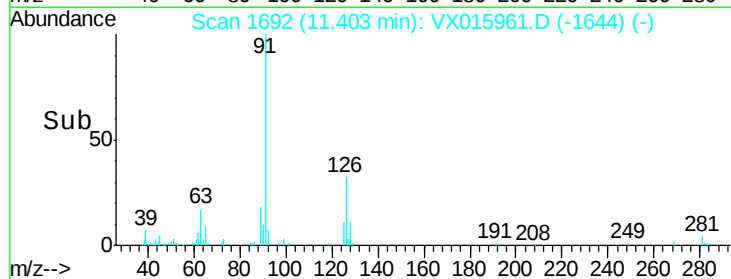
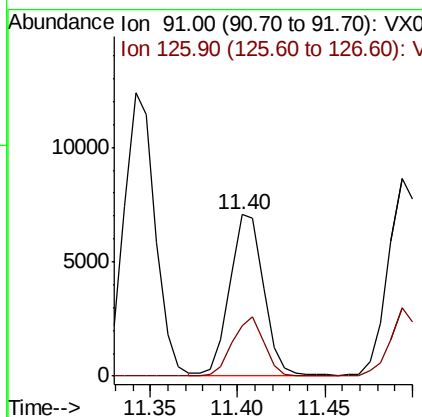
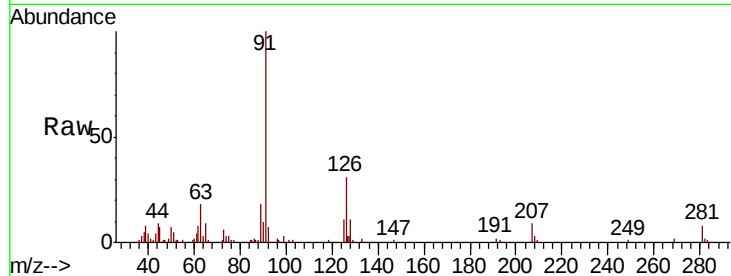




#79
 2-Chlorotoluene
 Concen: 1.062 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: VX015961.D
 Acq: 28 Apr 2020 15:01

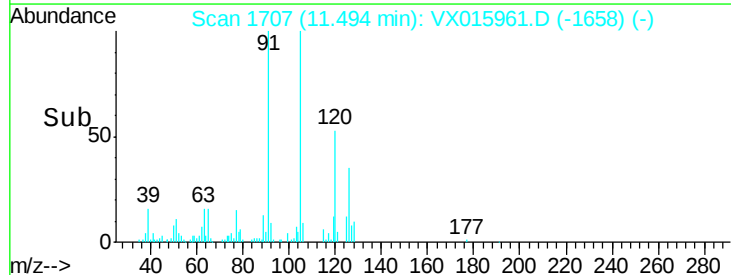
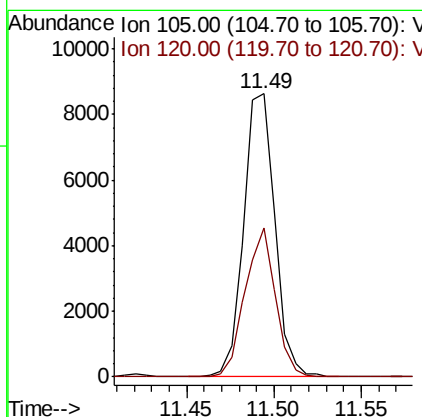
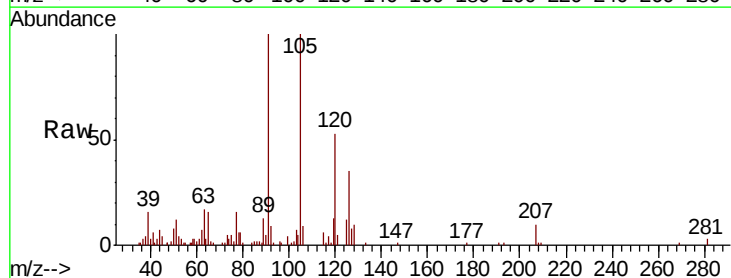
Instrument :
 MSVOA_X
 ClientSampleId :

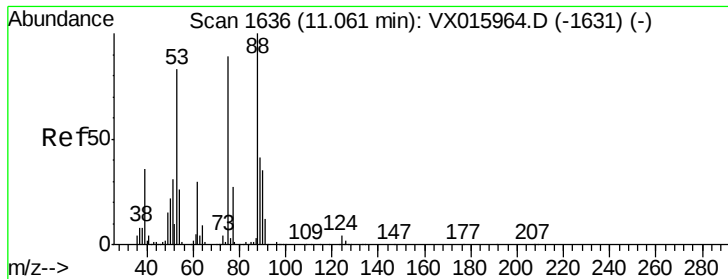
Tot Ion: 91 Resp: 9645
 Ion Ratio Lower Upper
 91 100
 126 33.4 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 0.958 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX015961.D
 Acq: 28 Apr 2020 15:01

Tgt Ion:105 Resp: 10691
 Ion Ratio Lower Upper
 105 100
 120 51.1 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 1.066 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX015961.D

Acq: 28 Apr 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

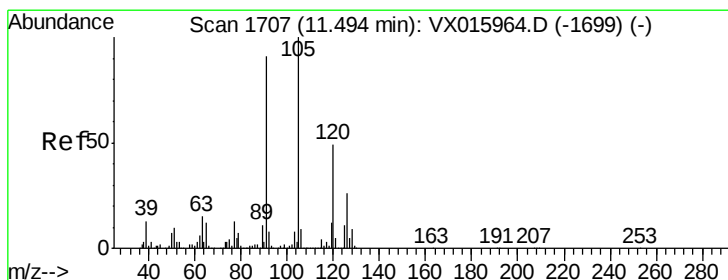
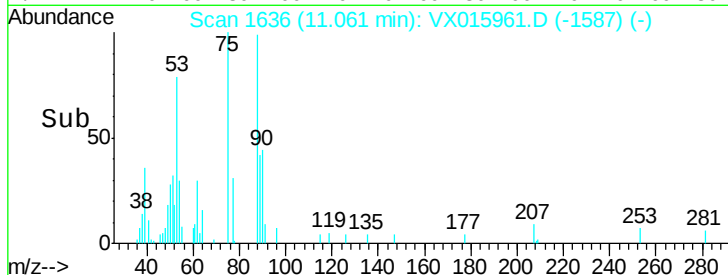
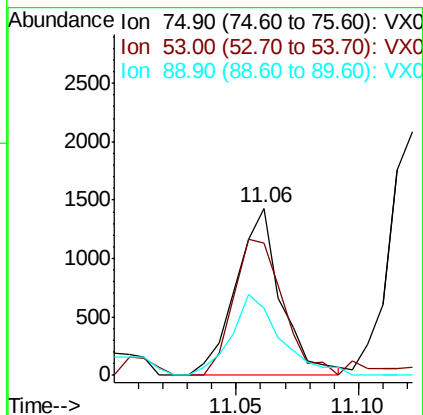
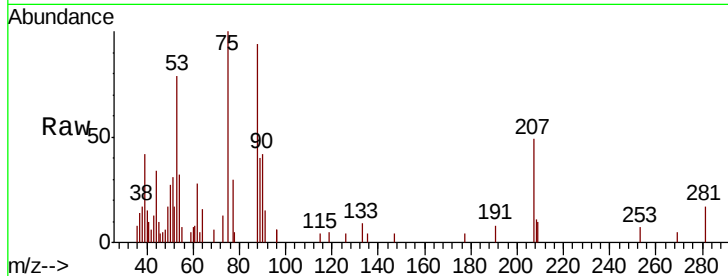
Tot Ion: 75 Resp: 1843

Ion Ratio Lower Upper

75 100

53 88.9 78.3 117.5

89 52.6 37.2 55.8



#82

4-Chlorotoluene

Concen: 1.045 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX015961.D

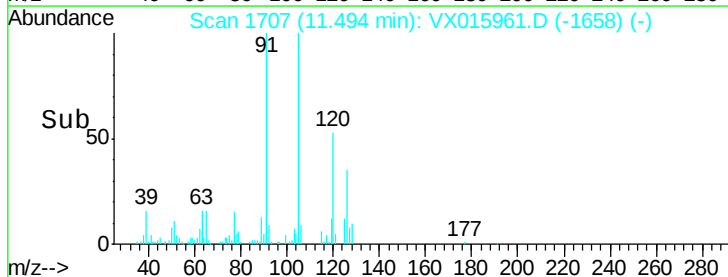
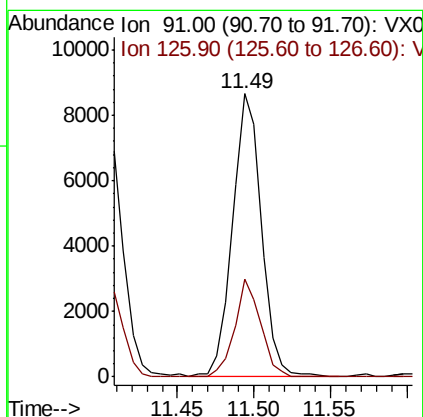
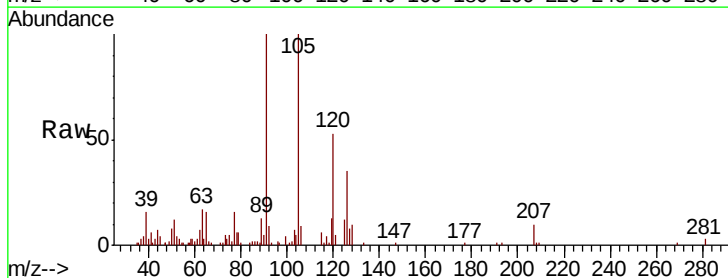
Acq: 28 Apr 2020 15:01

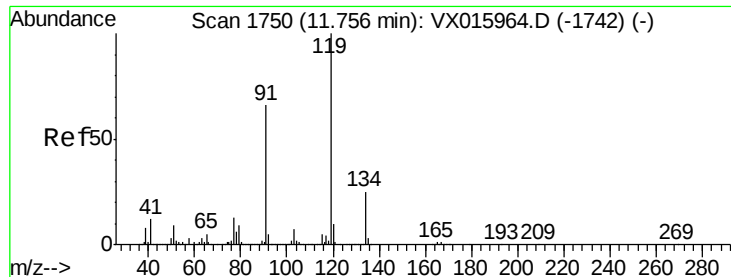
Tgt Ion: 91 Resp: 11352

Ion Ratio Lower Upper

91 100

126 30.9 14.8 44.3

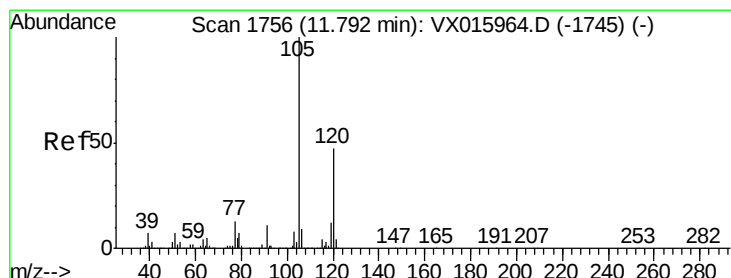
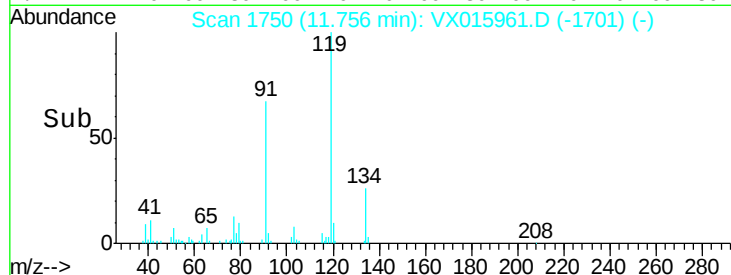
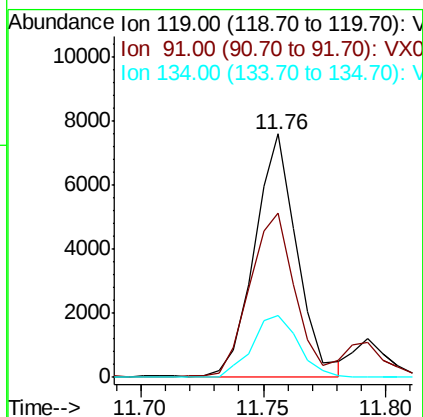
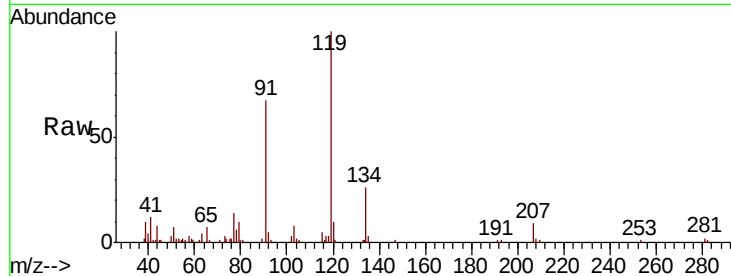




#83
 tert-Butylbenzene
 Concen: 0.960 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX015961.D
 Acq: 28 Apr 2020 15:01

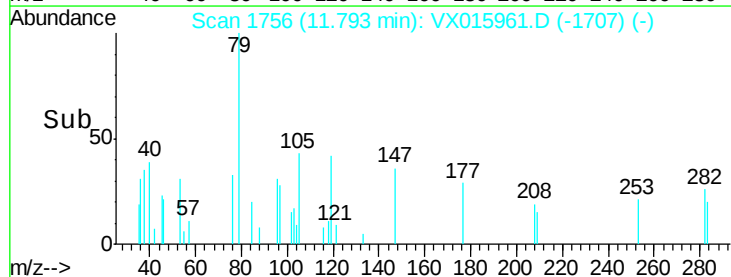
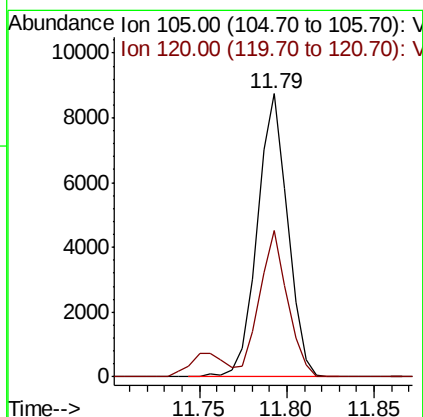
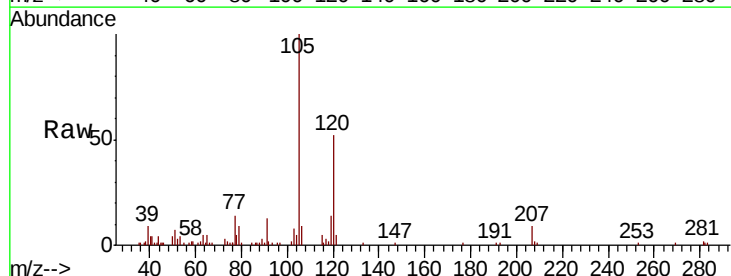
Instrument :
 MSVOA_X
 ClientSampleId :

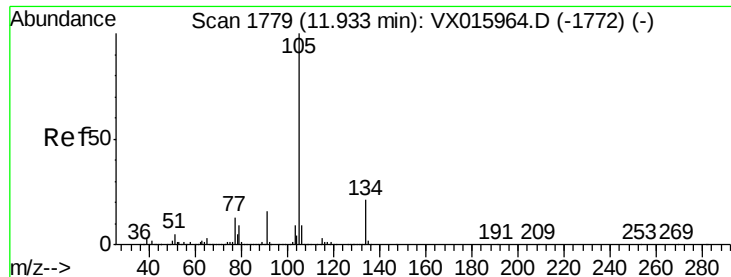
Tot Ion:119 Resp: 9239
 Ion Ratio Lower Upper
 119 100
 91 71.9 33.5 100.4
 134 27.7 12.4 37.2



#84
 1,2,4-Trimethylbenzene
 Concen: 0.936 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX015961.D
 Acq: 28 Apr 2020 15:01

Tgt Ion:105 Resp: 10509
 Ion Ratio Lower Upper
 105 100
 120 48.4 22.9 68.8

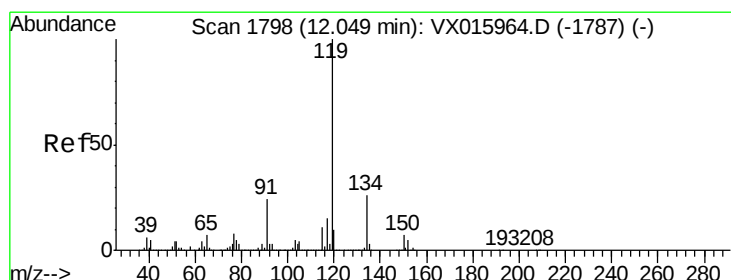
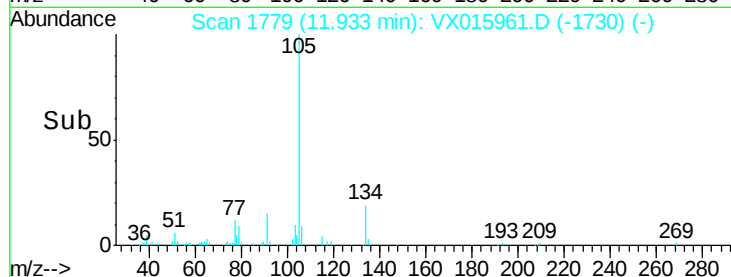
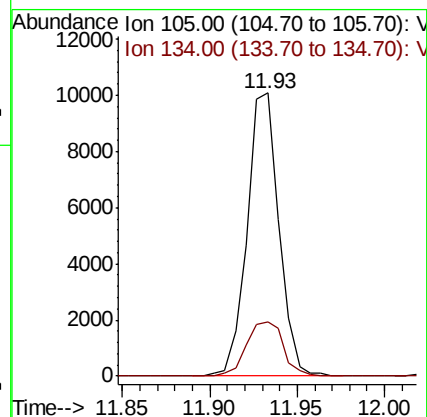
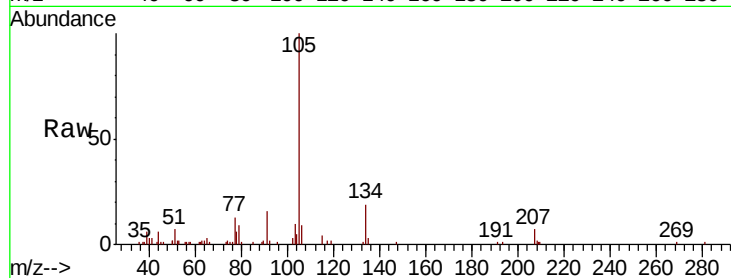




#85
 sec-Butylbenzene
 Concen: 0.979 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX015961.D
 Acq: 28 Apr 2020 15:01

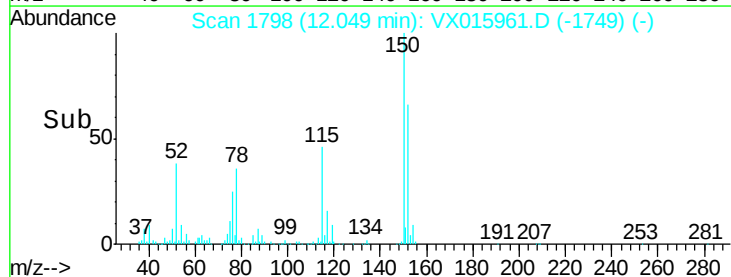
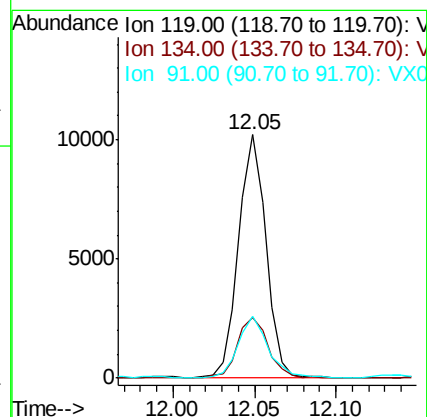
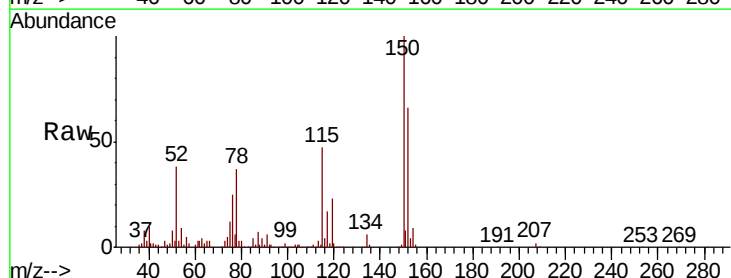
Instrument :
 MSVOA_X
 ClientSampleId :

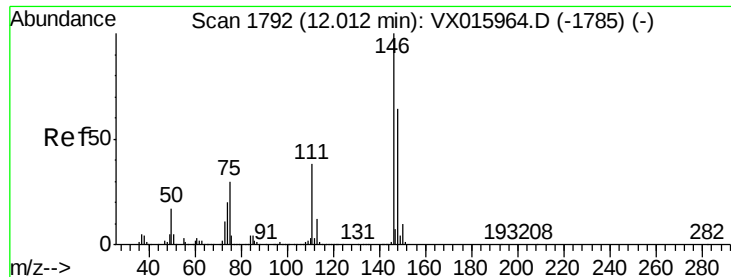
Tot Ion:105 Resp: 12688
 Ion Ratio Lower Upper
 105 100
 134 22.2 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 0.992 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX015961.D
 Acq: 28 Apr 2020 15:01

Tgt Ion:119 Resp: 12043
 Ion Ratio Lower Upper
 119 100
 134 28.0 13.0 39.0
 91 28.2 11.9 35.9

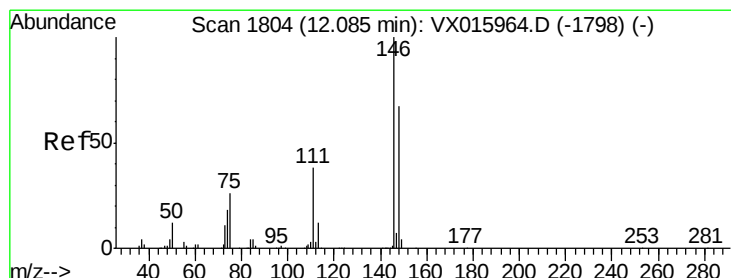
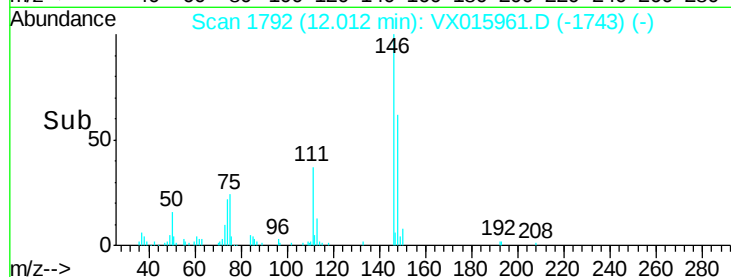
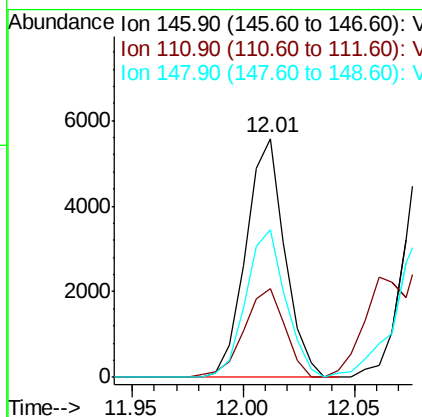
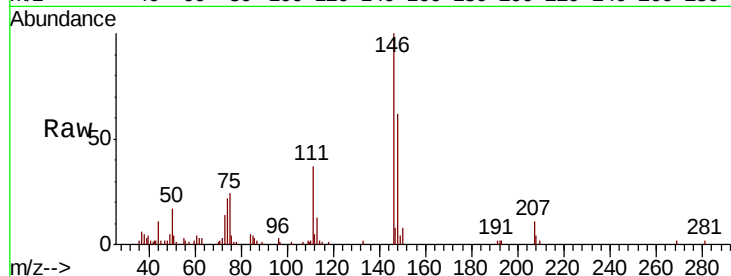




#87
 1,3-Dichlorobenzene
 Concen: 1.095 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX015961.D
 Acq: 28 Apr 2020 15:01

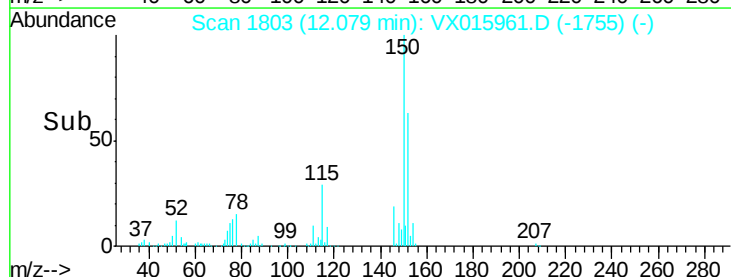
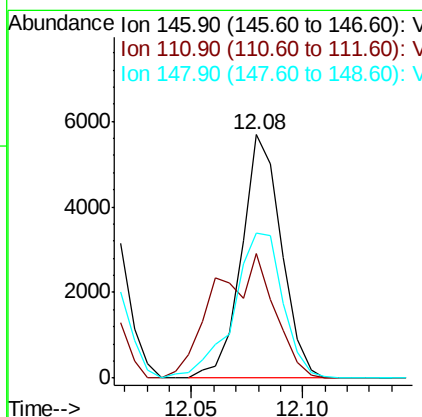
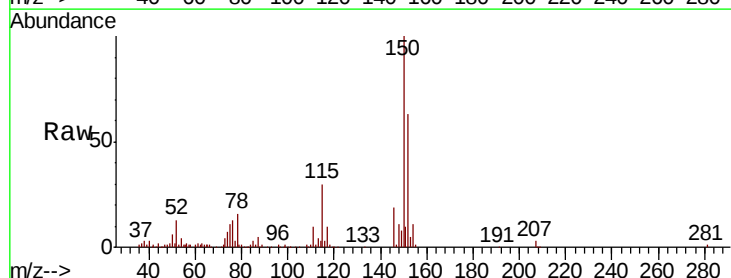
Instrument :
 MSVOA_X
 ClientSampleId :

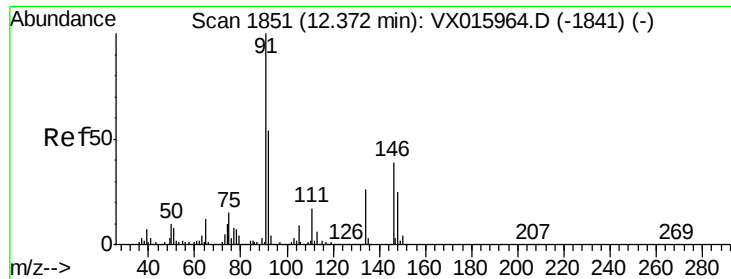
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.6	58.8
148	62.7	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 1.125 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX015961.D
 Acq: 28 Apr 2020 15:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.9	19.7	59.0
148	74.3	32.8	98.4

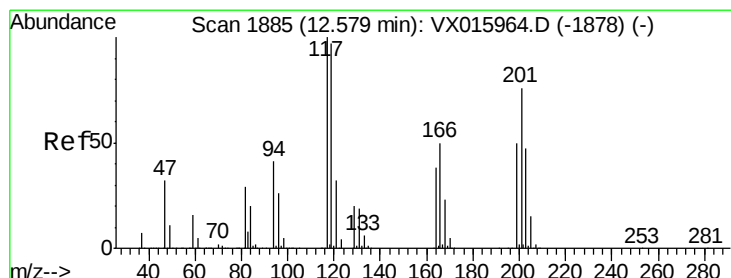
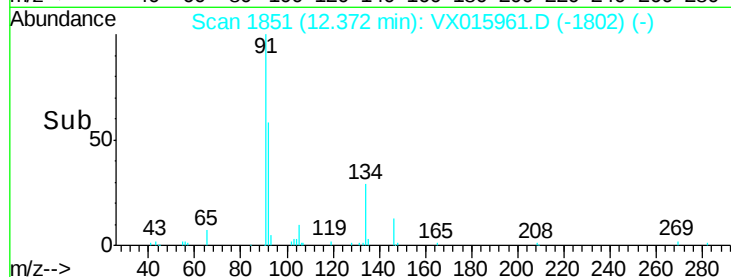
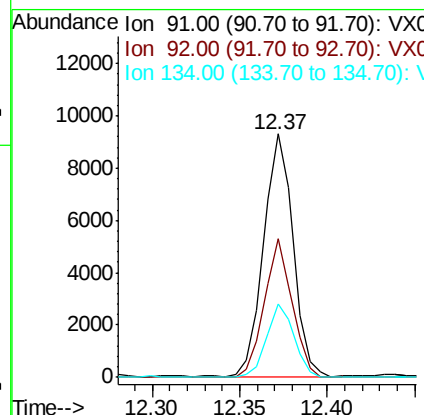
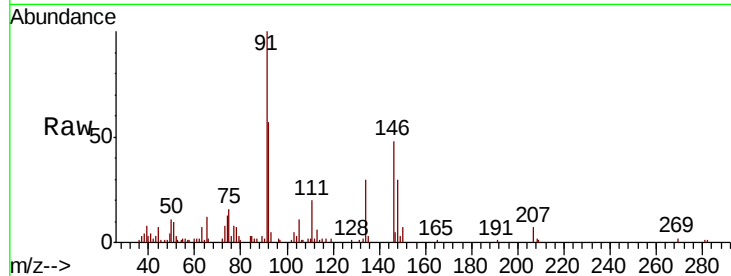




#89
n-Butylbenzene
Concen: 1.005 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX015961.D
Acq: 28 Apr 2020 15:01

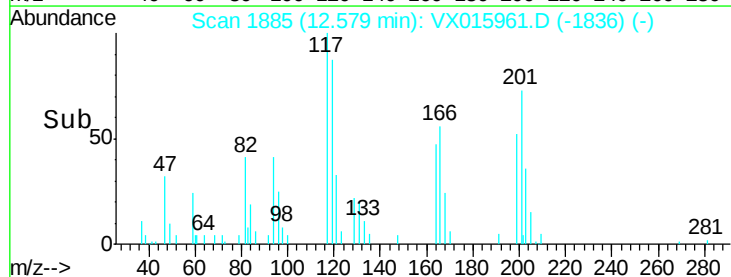
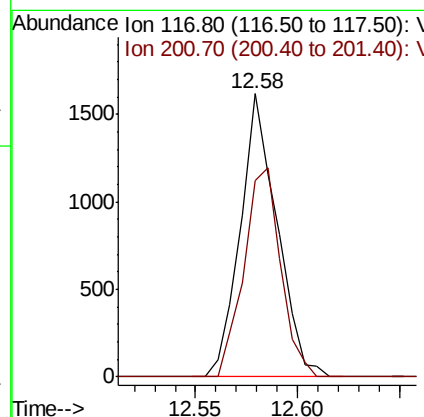
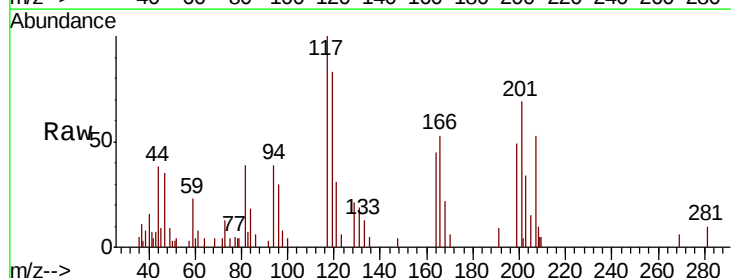
Instrument :
MSVOA_X
ClientSampleId :

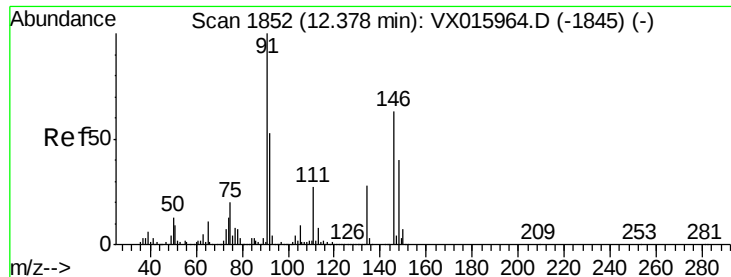
Tot Ion: 91 Resp: 11024
Ion Ratio Lower Upper
91 100
92 53.1 27.1 81.3
134 27.8 13.3 39.8



#90
Hexachloroethane
Concen: 0.939 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX015961.D
Acq: 28 Apr 2020 15:01

Tgt Ion: 117 Resp: 2015
Ion Ratio Lower Upper
117 100
201 74.1 40.3 120.8

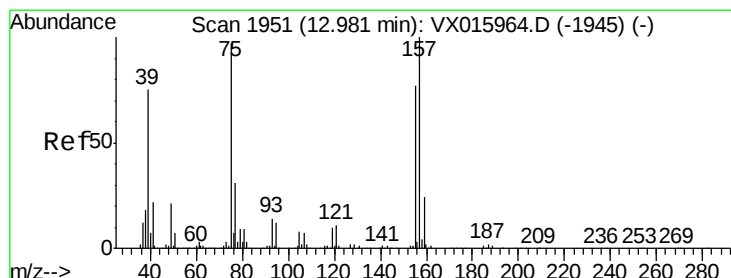
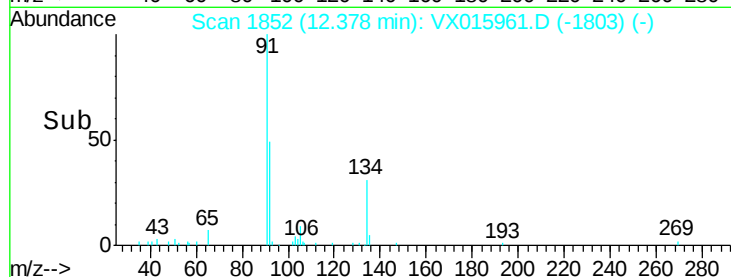
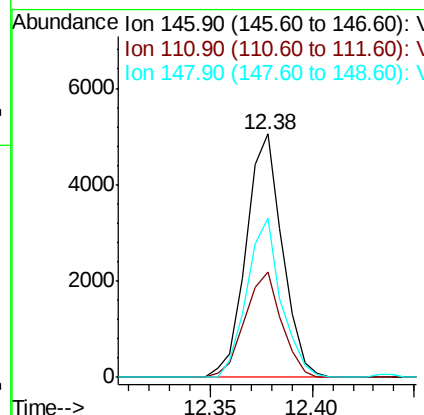
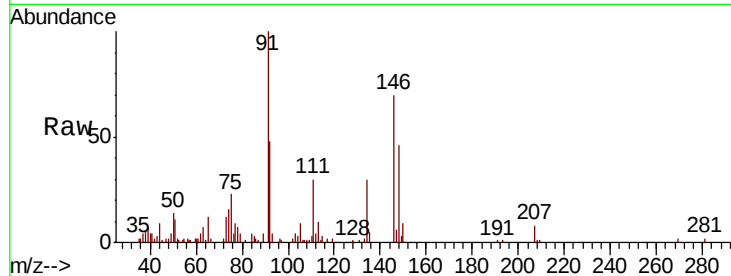




#91
 1,2-Dichlorobenzene
 Concen: 1.046 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX015961.D
 Acq: 28 Apr 2020 15:01

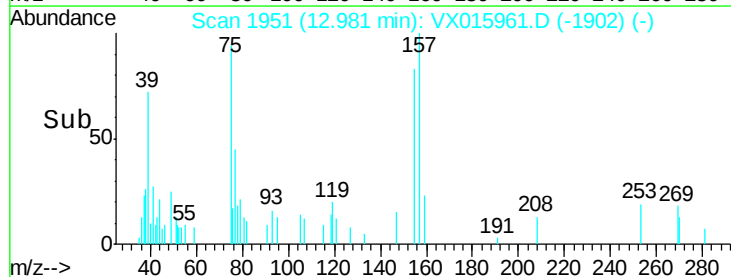
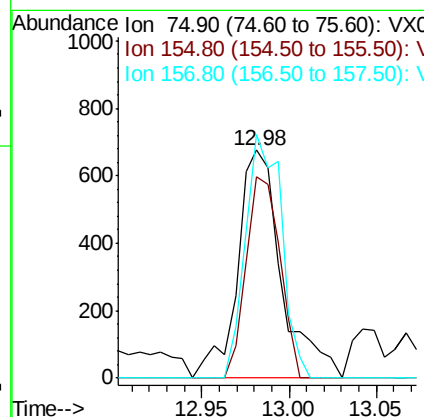
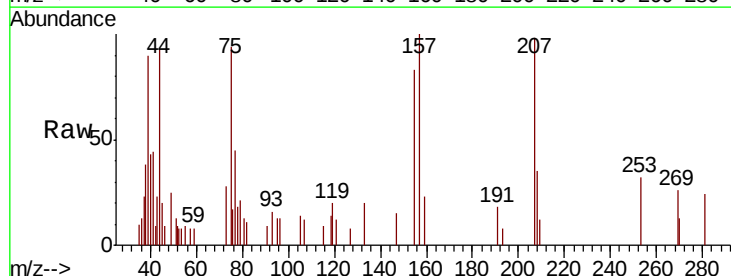
Instrument :
 MSVOA_X
 ClientSampleId :

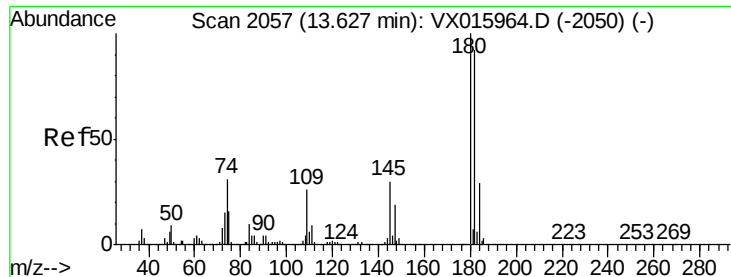
Tot Ion:146 Resp: 6219
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.1 63.3
 148 61.8 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.084 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX015961.D
 Acq: 28 Apr 2020 15:01

Tgt Ion: 75 Resp: 1185
 Ion Ratio Lower Upper
 75 100
 155 67.5 42.5 127.6
 157 87.5 56.0 168.2

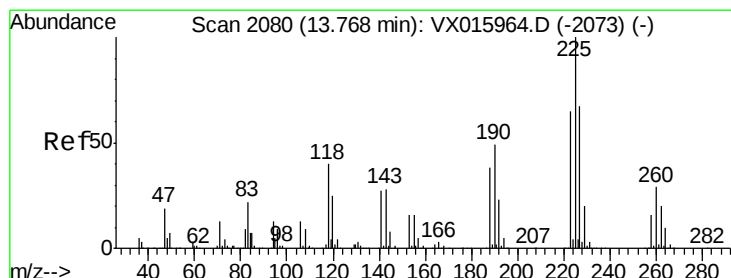
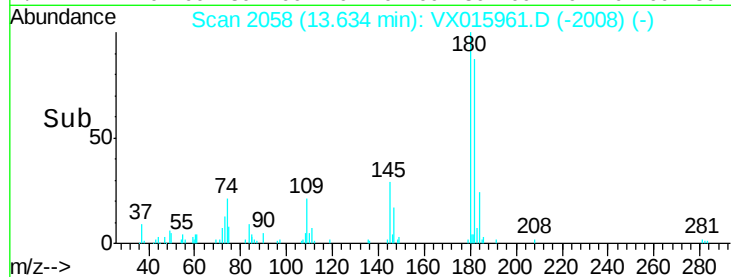
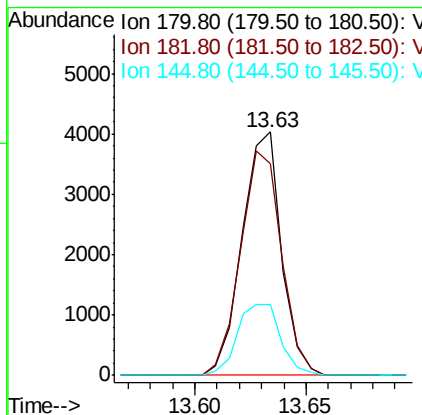
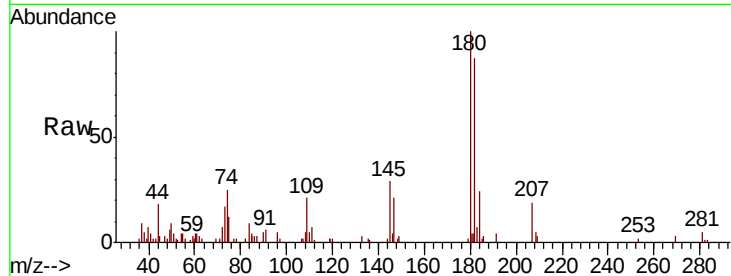




#93
 1,2,4-Trichlorobenzene
 Concen: 1.113 ug/l
 RT: 13.63 min Scan# 2058
 Delta R.T. 0.01 min
 Lab File: VX015961.D
 Acq: 28 Apr 2020 15:01

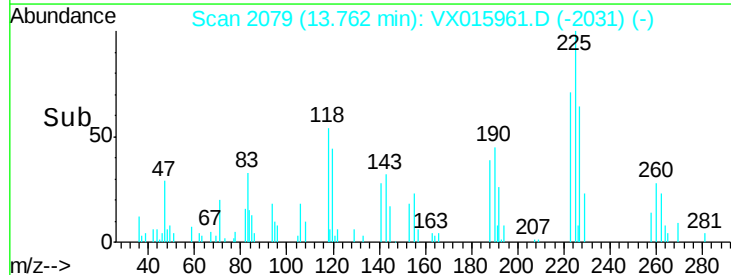
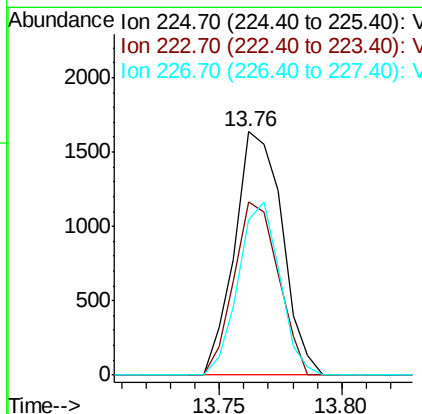
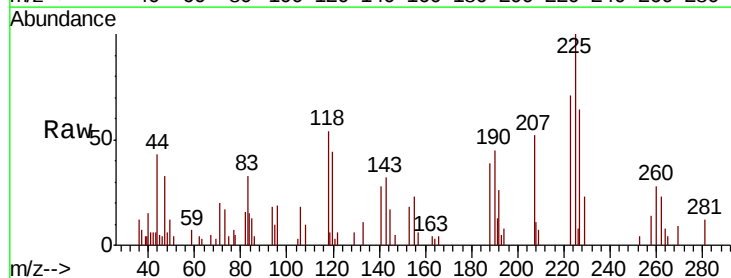
Instrument :
 MSVOA_X
 ClientSampleId :

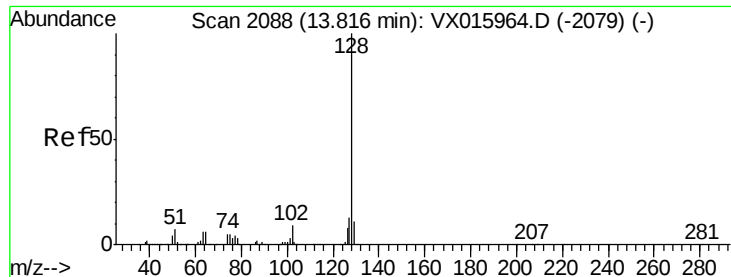
Tot Ion:180 Resp: 4966
 Ion Ratio Lower Upper
 180 100
 182 96.4 46.9 140.6
 145 32.3 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 1.114 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX015961.D
 Acq: 28 Apr 2020 15:01

Tgt Ion:225 Resp: 2222
 Ion Ratio Lower Upper
 225 100
 223 66.5 32.0 96.0
 227 62.1 33.0 99.0





#95

Naphthalene

Concen: 0.987 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX015961.D

Acq: 28 Apr 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

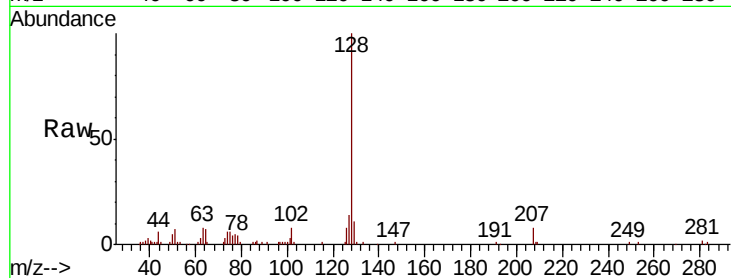
Tot Ion:128 Resp: 13897

Ion Ratio Lower Upper

128 100

127 14.9 10.4 15.6

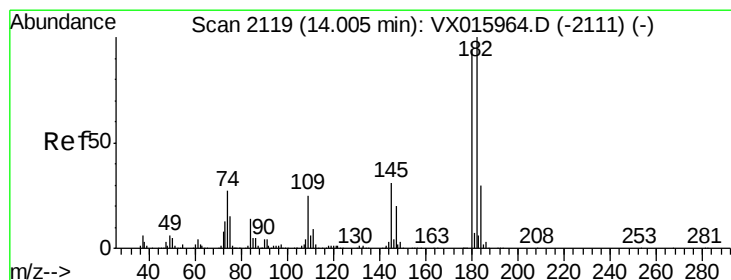
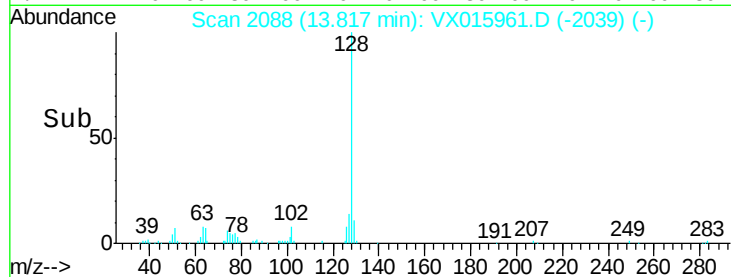
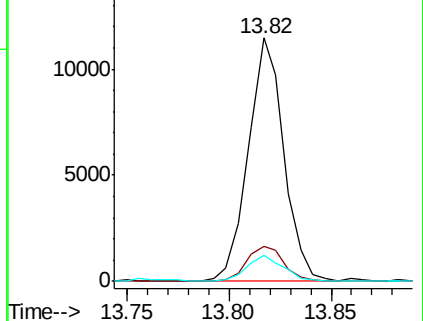
129 10.9 8.7 13.1



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: 1.062 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VX015961.D

Acq: 28 Apr 2020 15:01

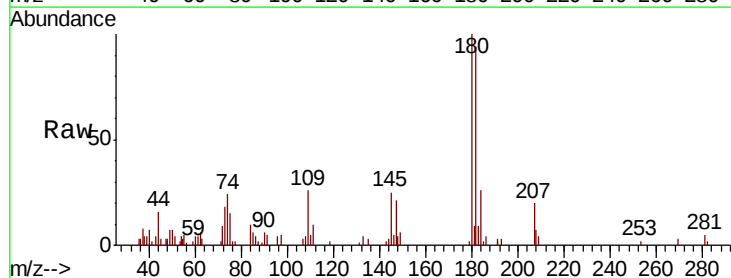
Tgt Ion:180 Resp: 4565

Ion Ratio Lower Upper

180 100

182 97.4 48.7 146.1

145 33.2 16.1 48.3



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

