

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX043020\
 Data File : VX015996.D
 Acq On : 30 Apr 2020 15:37
 Operator : JC/SP
 Sample : L2182-07 2.5PPB LOD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 01 07:56:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 30 12:42:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	49978	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	277127	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	251041	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	116536	30.34	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.13%
60) 4-Bromofluorobenzene	11.12	95	122273	29.04	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.80%
63) Toluene-d8	8.70	98	332103	30.84	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	6238	1.812 ug/l	99
3) Chloromethane	1.31	50	7578	2.247 ug/l	93
4) Vinyl Chloride	1.39	62	9312	2.430 ug/l	99
5) Bromomethane	1.63	94	6836	2.910 ug/l	96
6) Chloroethane	1.72	64	6245	2.486 ug/l	99
7) Trichlorofluoromethane	1.92	101	12495	2.276 ug/l	99
8) Diethyl Ether	2.17	74	5559	2.537 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	7049	2.487 ug/l	99
10) 1,1-Dichloroethene	2.36	96	6957	2.433 ug/l	91
11) Methyl Iodide	2.49	142	8723	2.234 ug/l	95
12) Methyl Acetate	2.75	43	11422	2.288 ug/l	98
13) Acrolein	2.27	56	4926	12.306 ug/l	96
14) Acrylonitrile	3.12	53	22374	12.131 ug/l	99
15) Acetone	2.42	58	6474	13.264 ug/l	92
16) Carbon Disulfide	2.55	76	24033	2.762 ug/l	97
17) Allyl chloride	2.71	41	12327	2.324 ug/l	87
18) Methylene Chloride	2.84	84	8569	2.675 ug/l	95
19) trans-1,2-Dichloroethene	3.14	96	7660	2.449 ug/l	93
20) Diisopropyl ether	3.82	45	24521	2.397 ug/l	93
21) 1,1-Dichloroethane	3.67	63	14029	2.460 ug/l	97
22) cis-1,2-Dichloroethene	4.57	96	9389	2.645 ug/l	90
23) tert-Butyl Alcohol	3.01	59	11853	13.129 ug/l	# 100
24) Methyl tert-Butyl Ether	3.17	73	24168	2.353 ug/l	98
25) Chloroform	5.17	83	13970	2.412 ug/l	94
26) Cyclohexane	5.55	56	12480	2.393 ug/l	# 98
29) 1,1-Dichloropropene	5.78	75	11040	2.533 ug/l	84
30) 2-Butanone	4.64	43	31495	12.127 ug/l	# 95
31) 2,2-Dichloropropane	4.55	77	12451	2.374 ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	12758	2.413 ug/l	98
33) Carbon Tetrachloride	5.76	117	10979	2.332 ug/l	96
34) Benzene	6.12	78	31023	2.437 ug/l	98
35) Methacrylonitrile	5.01	41	6551	2.375 ug/l	94
36) 1,2-Dichloroethane	6.17	62	12222	2.514 ug/l	# 89
37) Trichloroethene	7.19	130	11616	2.565 ug/l	95
38) Methylcyclohexane	7.45	83	12711	2.386 ug/l	98
39) 1,2-Dichloropropane	7.49	63	7851	2.402 ug/l	96
40) Dibromomethane	7.64	93	5890	2.596 ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	10717	2.291	ug/l	100
42) Vinyl Acetate	3.79	43	99858	11.622	ug/l	100
43) Ethyl Acetate	4.80	43	12508	2.442	ug/l	96
44) Isopropyl Acetate	6.41	43	20245	2.435	ug/l	98
45) 1,4-Dioxane	7.72	88	4428	50.424	ug/l	94
46) Methyl methacrylate	7.75	41	8768	2.225	ug/l	96
47) n-amyl Acetate	10.88	43	16049	2.208	ug/l	97
48) t-1,3-Dichloropropene	9.02	75	12811	2.358	ug/l	97
49) cis-1,3-Dichloropropene	8.42	75	13464	2.399	ug/l	95
50) 1,1,2-Trichloroethane	9.20	97	7599	2.376	ug/l	94
51) Ethyl methacrylate	9.16	69	11251	2.131	ug/l	92
52) 1,3-Dichloropropane	9.35	76	13208	2.389	ug/l	96
53) Dibromochloromethane	9.57	129	7938	2.182	ug/l	99
54) 1,2-Dibromoethane	9.65	107	8354	2.377	ug/l	97
55) 2-Chloroethyl vinyl ether	8.29	63	30297	10.546	ug/l	99
56) Bromoform	10.84	173	5433	1.982	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	61041	12.330	ug/l	100
59) 2-Hexanone	9.48	43	45760	11.967	ug/l	99
61) Tetrachloroethene	9.32	164	12731	2.564	ug/l	95
62) Toluene	8.77	91	32227	2.403	ug/l	97
64) Chlorobenzene	10.12	112	20662	2.420	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	7384	2.278	ug/l	94
66) Ethyl Benzene	10.24	91	35849	2.347	ug/l	100
67) m/p-Xylenes	10.34	106	27226	4.680	ug/l	99
68) o-Xylene	10.68	106	13311	2.373	ug/l	99
69) Styrene	10.70	104	20742	2.160	ug/l	95
70) Isopropylbenzene	11.00	105	35028	2.313	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.25	83	5838	2.073	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	14976	3.284	ug/l	85
73) Bromobenzene	11.24	156	9023	2.364	ug/l	96
74) n-propylbenzene	11.35	91	40678	2.312	ug/l	99
75) 2-Chlorotoluene	11.41	91	24777	2.397	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	28281	2.200	ug/l	97
77) t-1,4-Dichloro-2-butene	11.06	75	4393	2.240	ug/l	96
78) 4-Chlorotoluene	11.49	91	29116	2.379	ug/l	100
79) tert-butylbenzene	11.76	119	25432	2.316	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	29186	2.272	ug/l	99
81) sec-Butylbenzene	11.93	105	32785	2.214	ug/l	99
82) p-Isopropyltoluene	12.05	119	30406	2.215	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	16413	2.385	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	16801	2.457	ug/l	97
85) n-Butylbenzene	12.37	91	27487	2.192	ug/l	100
86) Hexachloroethane	12.58	117	5144	2.129	ug/l	97
87) 1,2-Dichlorobenzene	12.38	146	15965	2.399	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	2733	2.319	ug/l	91
89) 1,2,4-Trichlorobenzene	13.63	180	11341	2.313	ug/l	98
90) Hexachlorobutadiene	13.77	225	5238	2.486	ug/l	96
91) Naphthalene	13.82	128	35916	2.301	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	11677	2.479	ug/l	95

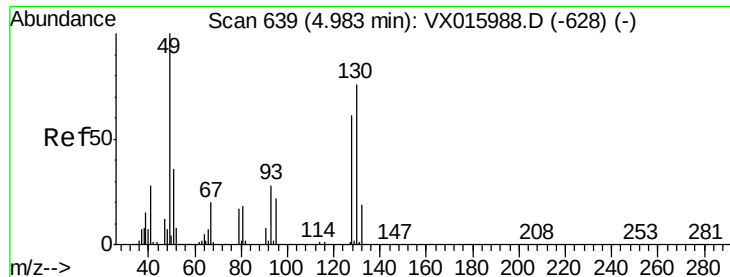
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QLast Update : Thu Apr 30 12:42:44 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :
MSVOA_X
ClientSampled :

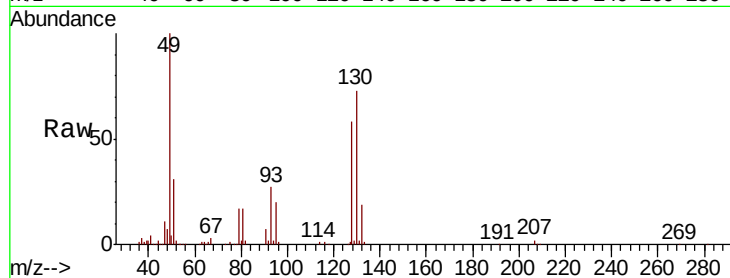
Tot Ion:128 Resp: 49978

Ion Ratio Lower Upper

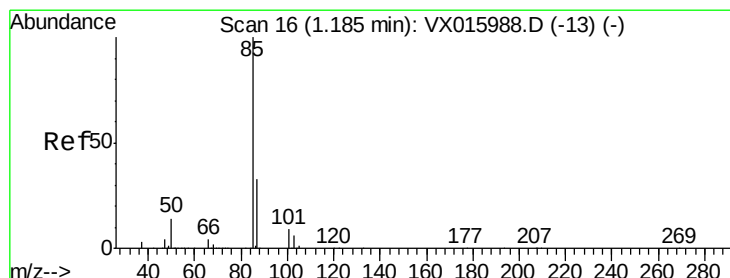
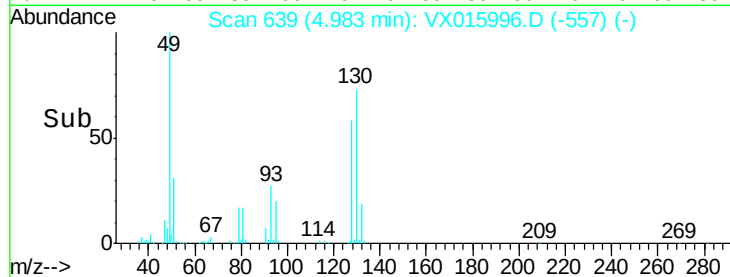
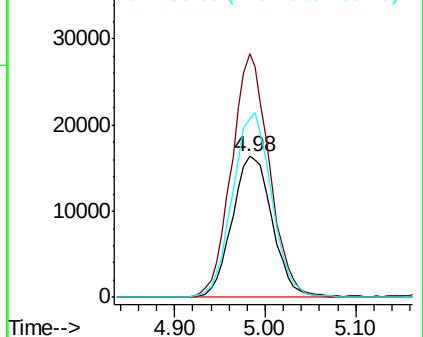
128 100

49 163.5 0.0 418.5

130 127.9 0.0 326.3



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



#2

Dichlorodifluoromethane

Concen: 1.812 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX015996.D

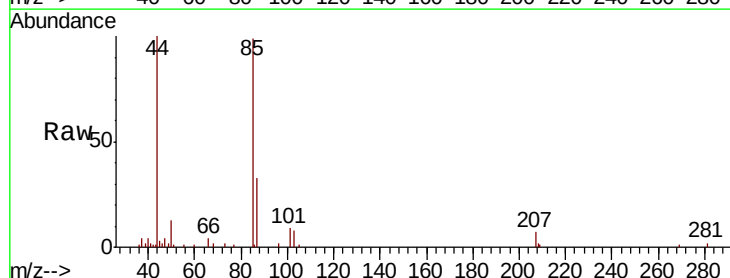
Acq: 30 Apr 2020 15:37

Tgt Ion: 85 Resp: 6238

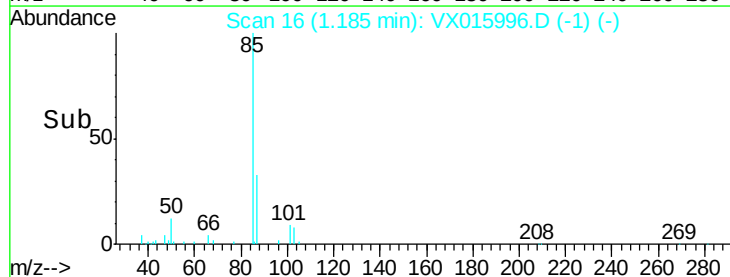
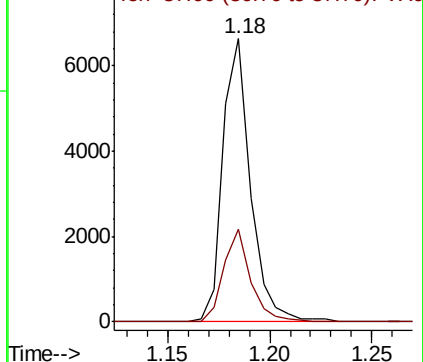
Ion Ratio Lower Upper

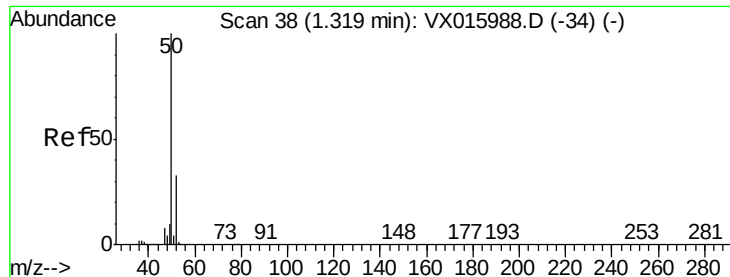
85 100

87 32.7 16.6 49.7



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





#3

Chloromethane

Concen: 2.247 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

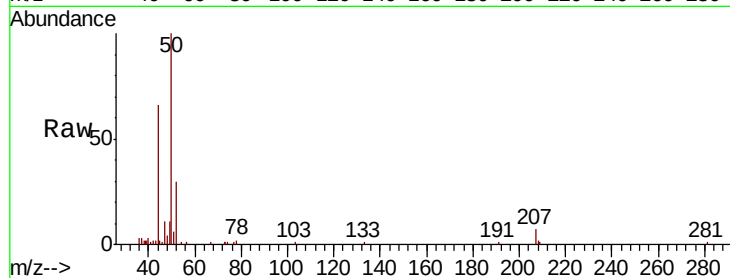
ClientSampleId :

Tot Ion: 50 Resp: 7578

Ion Ratio Lower Upper

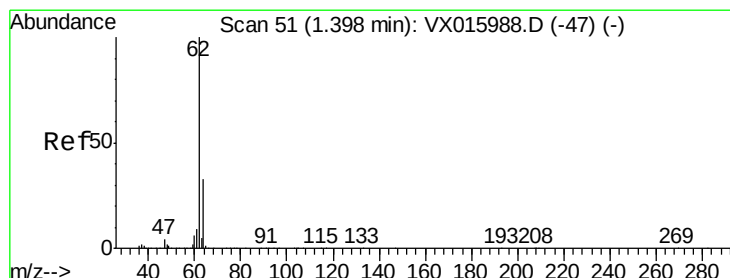
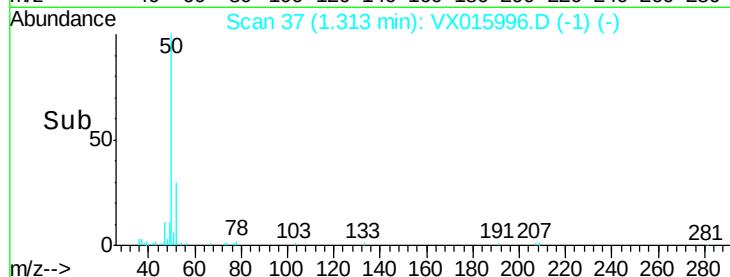
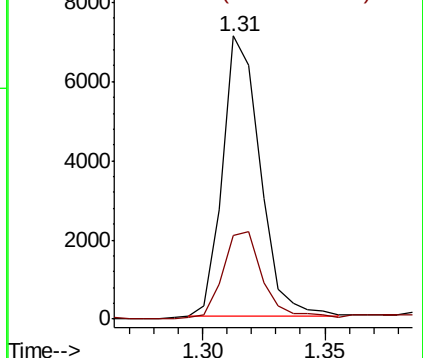
50 100

52 29.3 26.5 39.7



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 2.430 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX015996.D

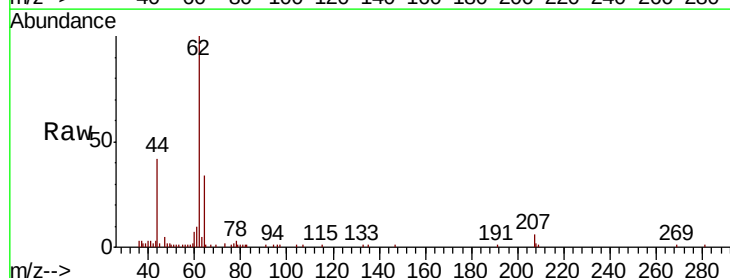
Acq: 30 Apr 2020 15:37

Tgt Ion: 62 Resp: 9312

Ion Ratio Lower Upper

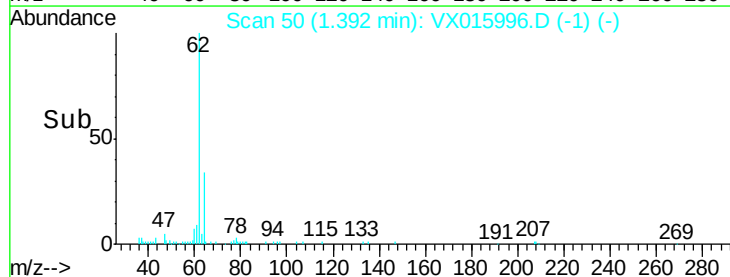
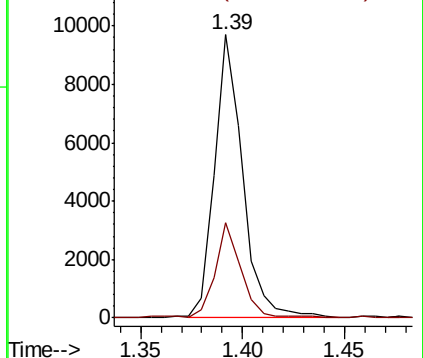
62 100

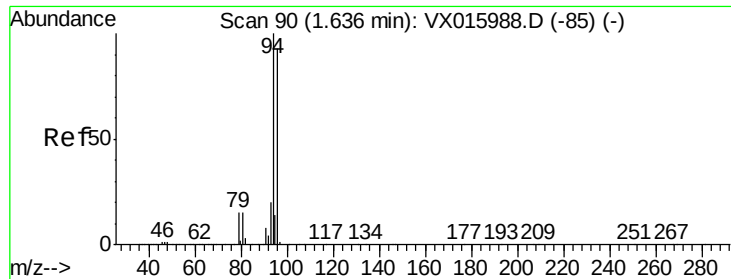
64 33.7 26.3 39.5



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 2.910 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

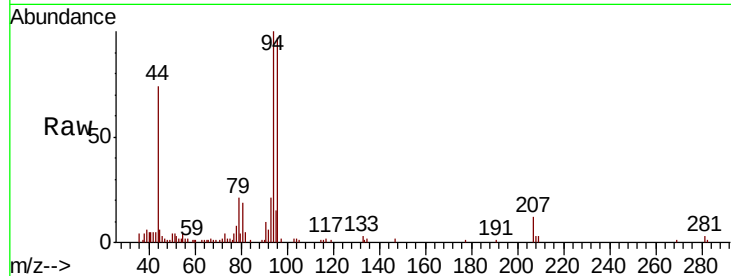
ClientSampleId :

Tot Ion: 94 Resp: 6836

Ion Ratio Lower Upper

94 100

96 96.7 74.2 111.2



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.63

6000

5000

4000

3000

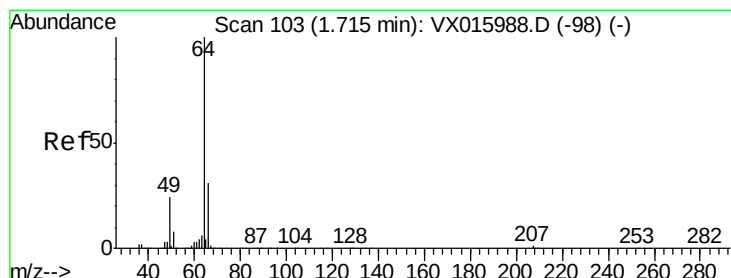
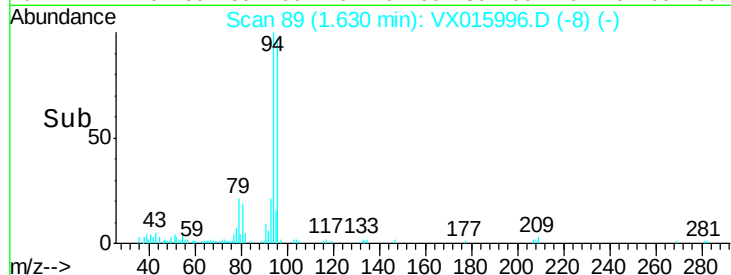
2000

1000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 2.486 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX015996.D

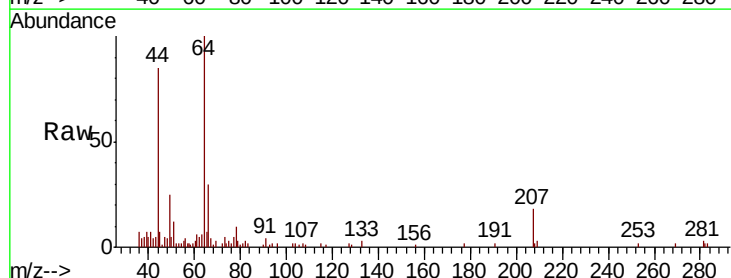
Acq: 30 Apr 2020 15:37

Tgt Ion: 64 Resp: 6245

Ion Ratio Lower Upper

64 100

66 30.4 24.9 37.3



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.72

5000

4000

3000

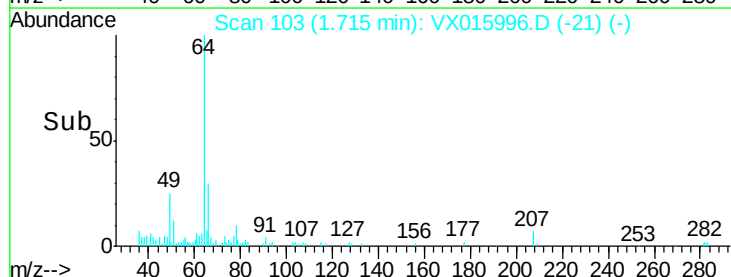
2000

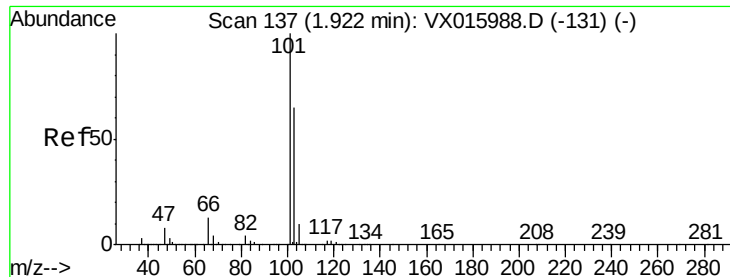
1000

0

Time-->

1.65 1.70 1.75 1.80



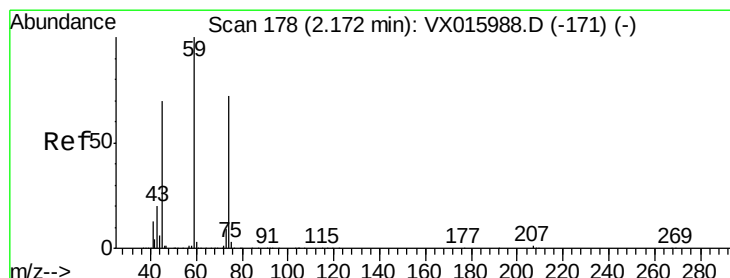
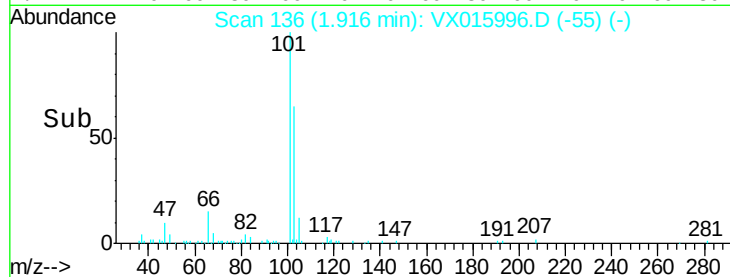
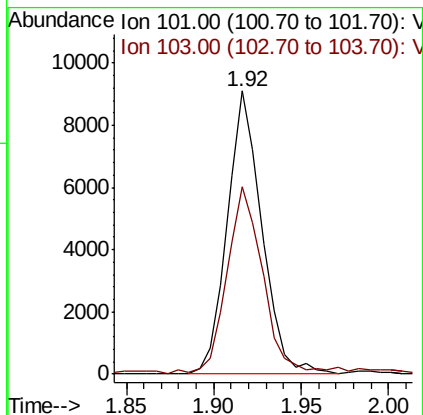
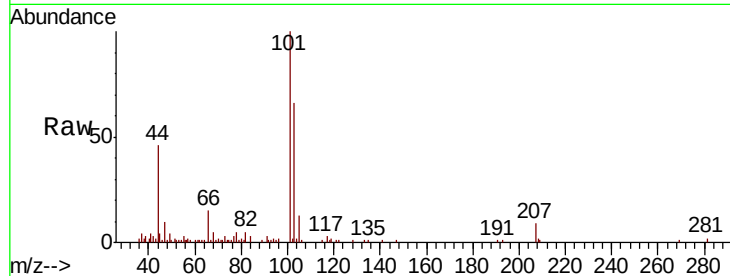


#7

Trichlorofluoromethane
Concen: 2.276 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

Instrument :
MSVOA_X
ClientSampled :

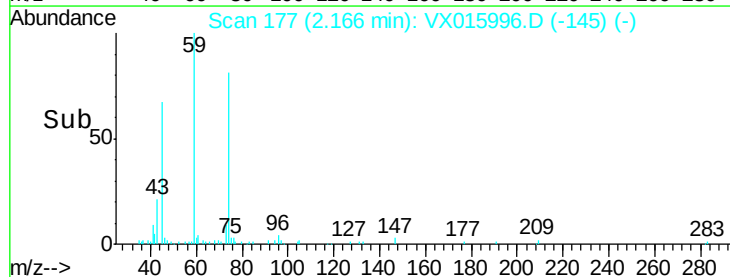
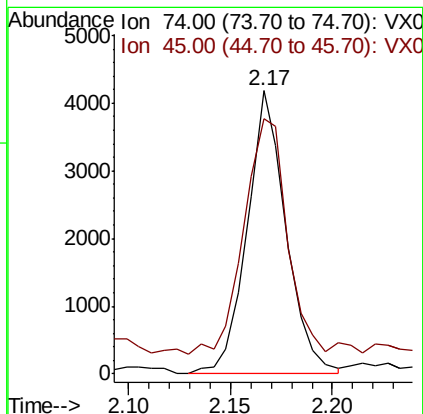
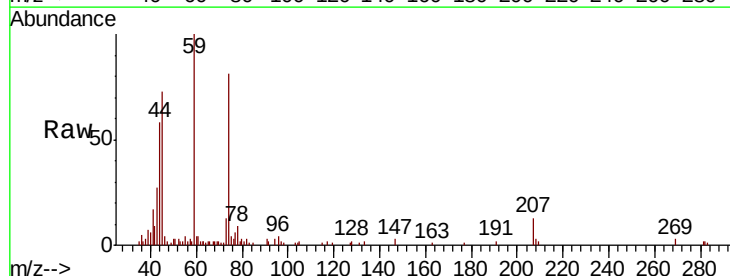
Tot Ion:101 Resp: 12495
Ion Ratio Lower Upper
101 100
103 65.5 51.8 77.8

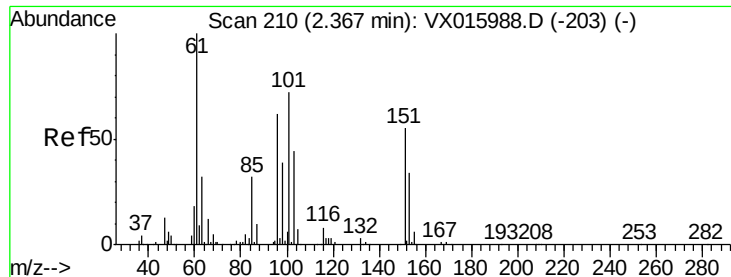


#8

Diethyl Ether
Concen: 2.537 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

Tgt Ion: 74 Resp: 5559
Ion Ratio Lower Upper
74 100
45 97.7 19.4 174.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.487 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

ClientSampled :

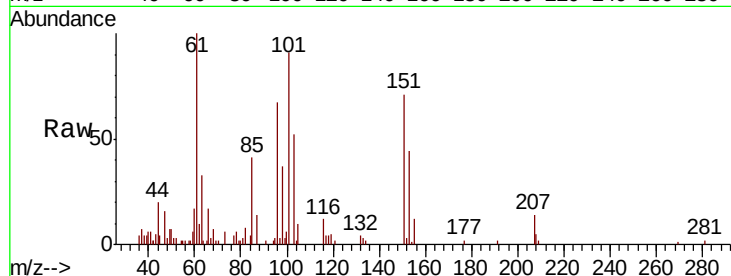
Tot Ion:101 Resp: 7049

Ion Ratio Lower Upper

101 100

85 45.5 0.0 90.6

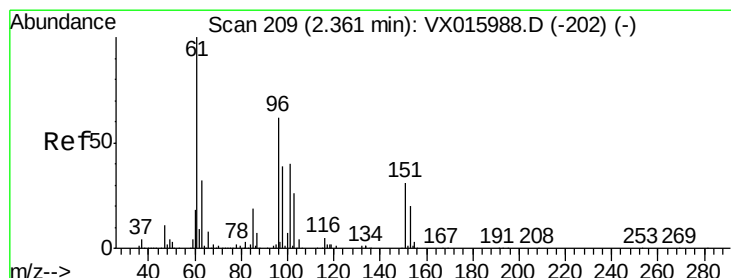
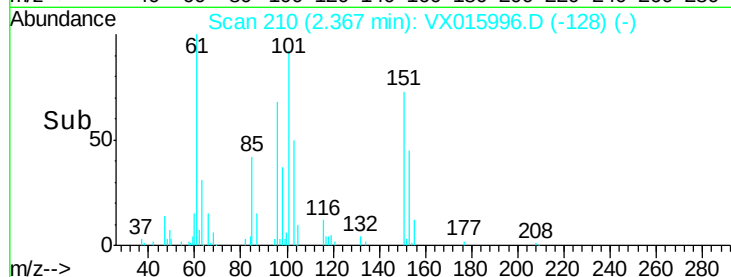
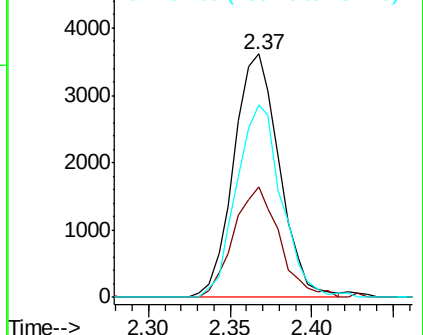
151 77.8 0.0 157.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 2.433 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

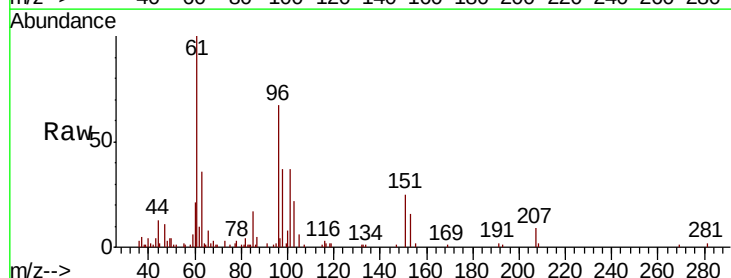
Tgt Ion: 96 Resp: 6957

Ion Ratio Lower Upper

96 100

61 150.4 129.8 194.8

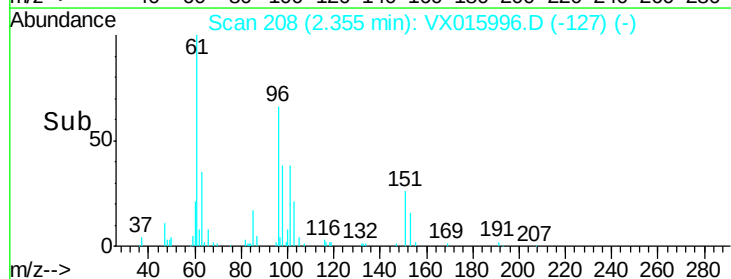
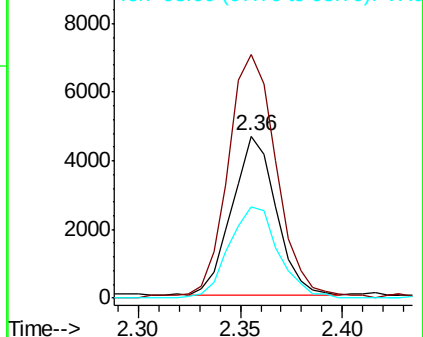
98 57.1 51.1 76.7

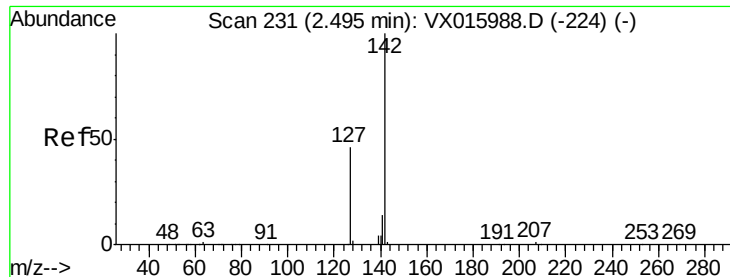


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

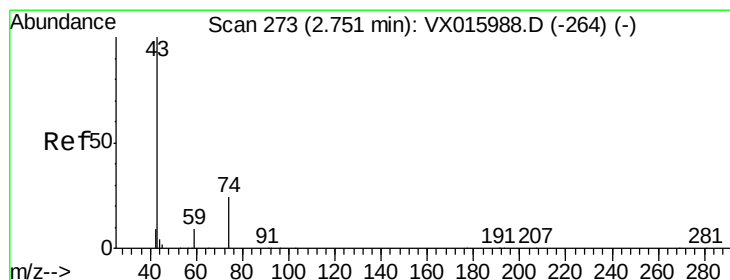
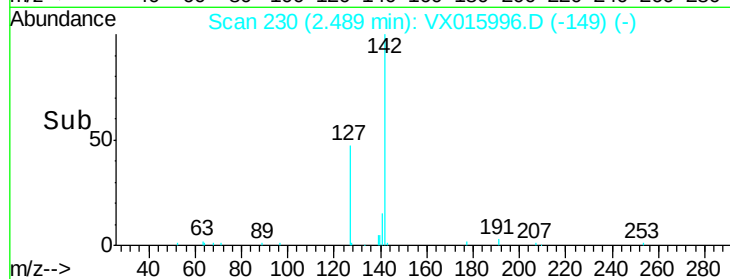
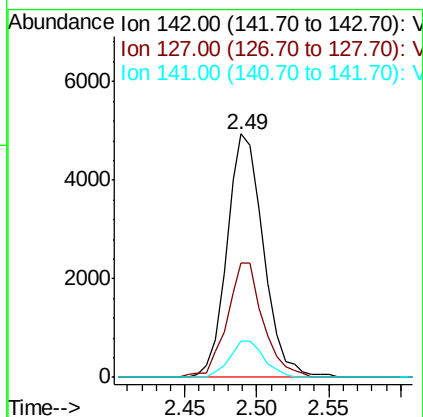
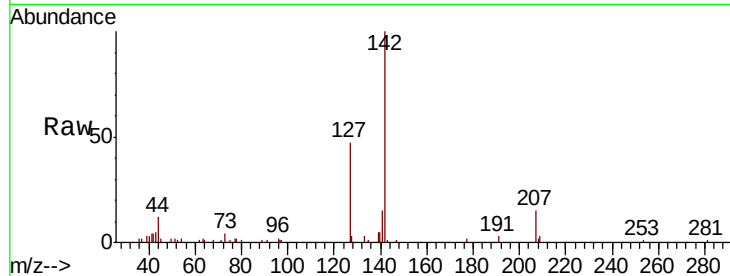




#11
Methvl Iodide
Concen: 2.234 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

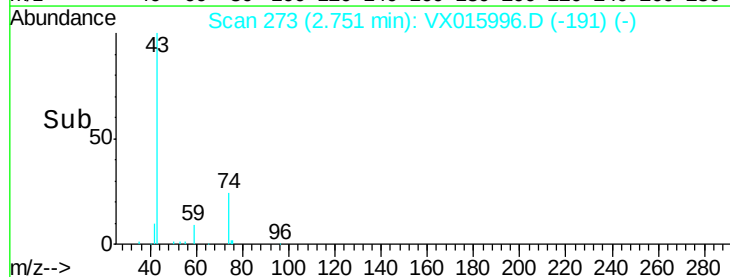
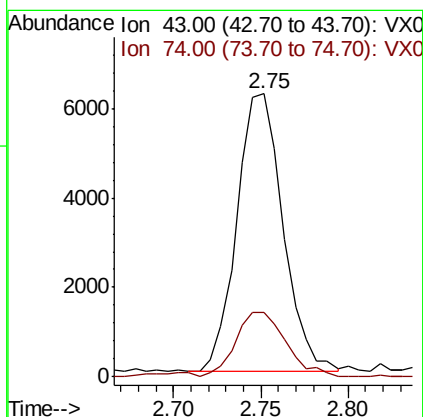
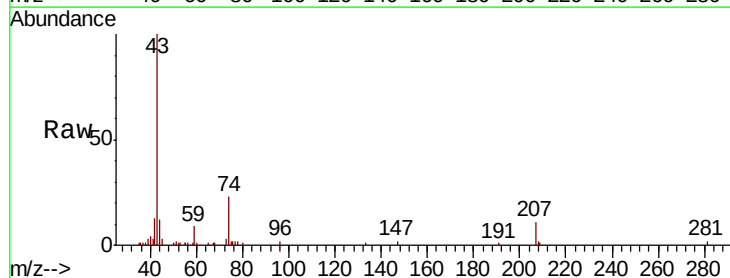
Instrument :
MSVOA_X
ClientSampleId :

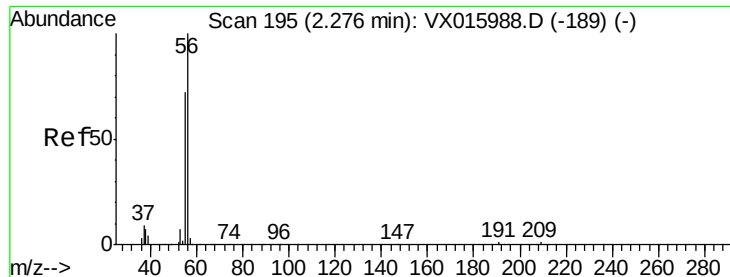
Tot Ion:142 Resp: 8723
Ion Ratio Lower Upper
142 100
127 49.3 22.8 68.4
141 15.0 7.0 21.1



#12
Methyl Acetate
Concen: 2.288 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

Tgt Ion: 43 Resp: 11422
Ion Ratio Lower Upper
43 100
74 22.6 19.0 28.4





#13

Acrolein

Concen: 12.306 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

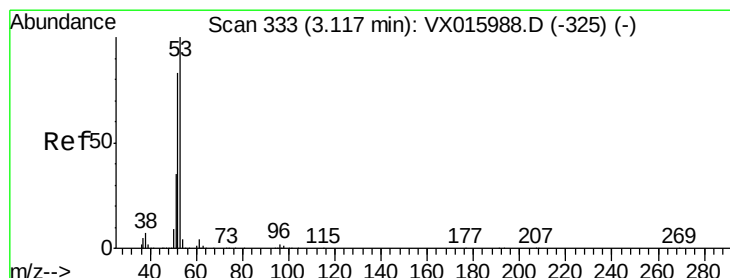
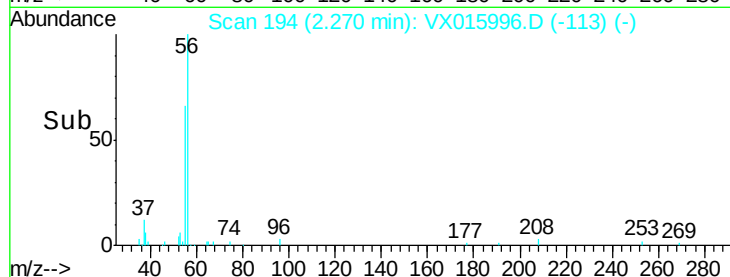
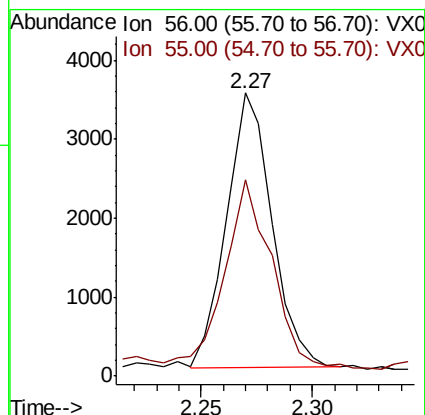
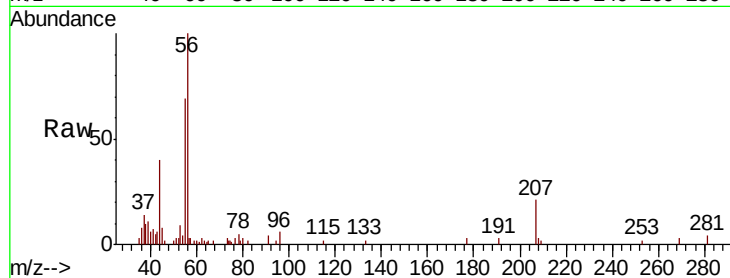
ClientSampleId :

Tot Ion: 56 Resp: 4926

Ion Ratio Lower Upper

56 100

55 73.7 56.2 84.4



#14

Acrylonitrile

Concen: 12.131 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

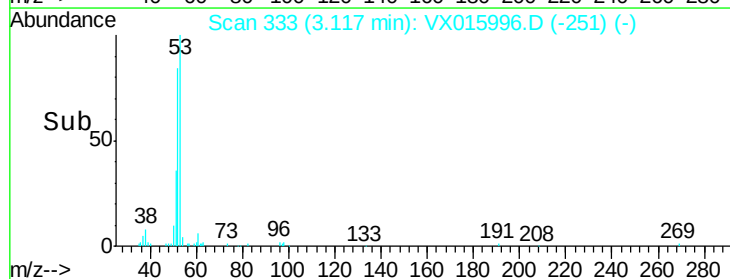
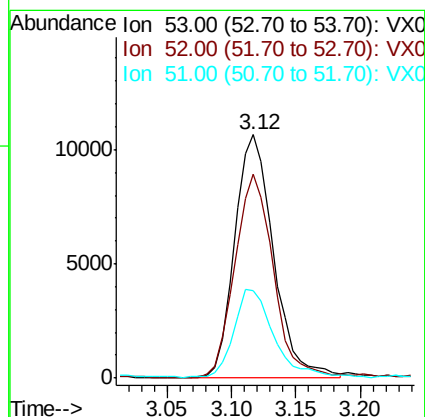
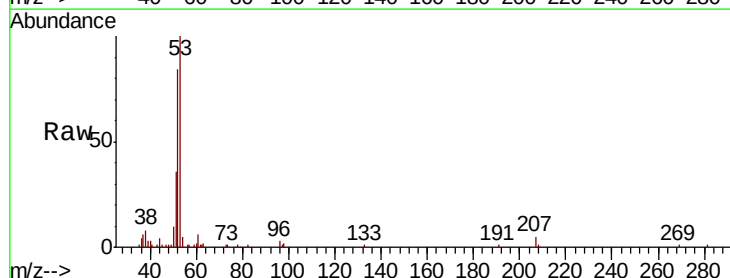
Tgt Ion: 53 Resp: 22374

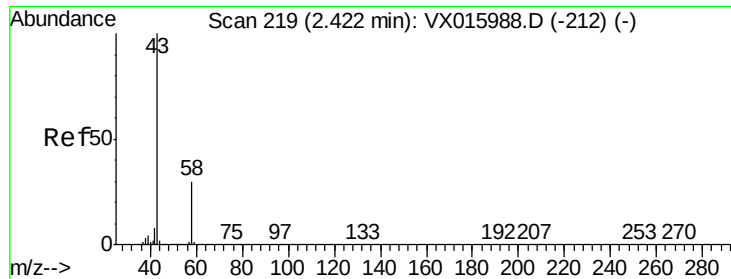
Ion Ratio Lower Upper

53 100

52 83.3 41.2 123.6

51 36.6 17.8 53.5





#15

Acetone

Concen: 13.264 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

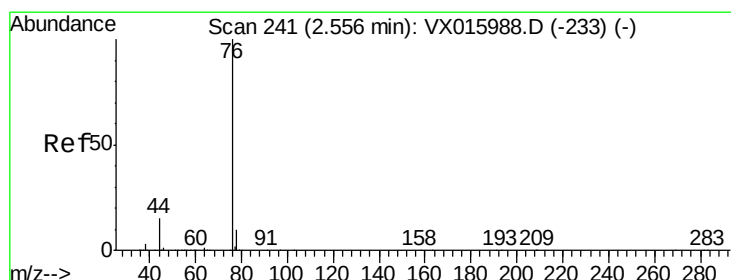
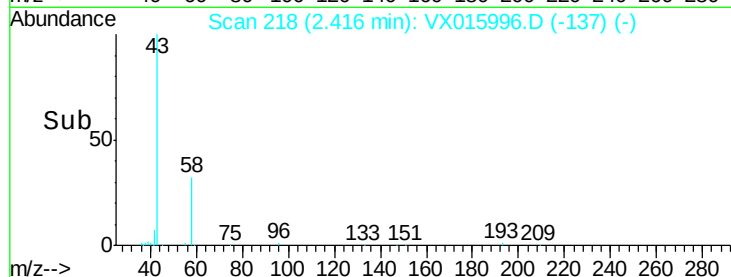
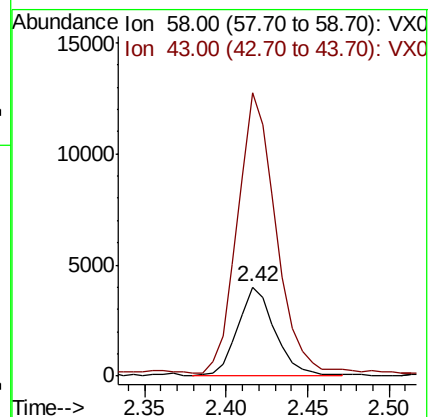
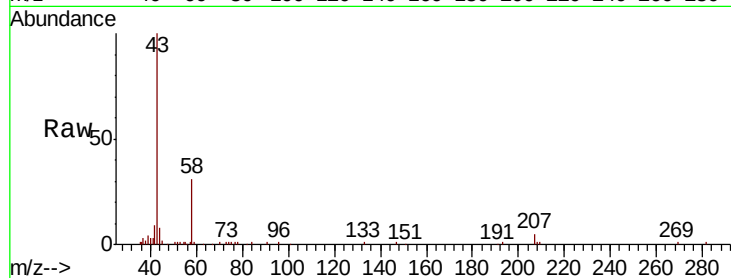
ClientSampleId :

Tot Ion: 58 Resp: 6474

Ion Ratio Lower Upper

58 100

43 313.8 264.2 396.2



#16

Carbon Disulfide

Concen: 2.762 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VX015996.D

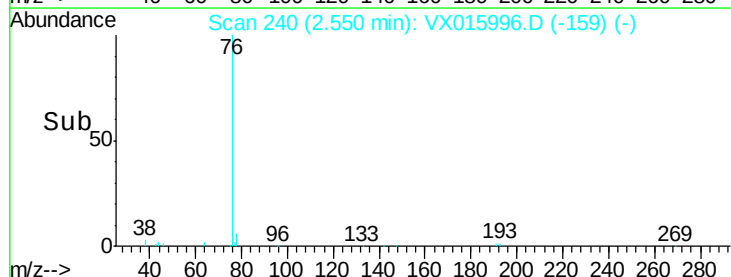
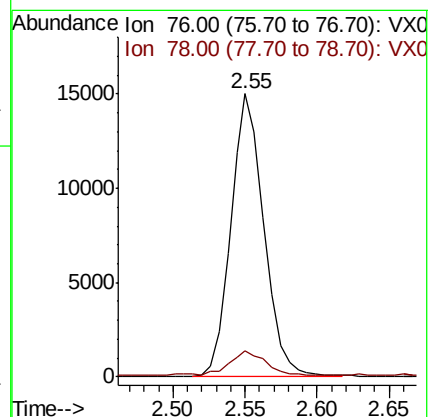
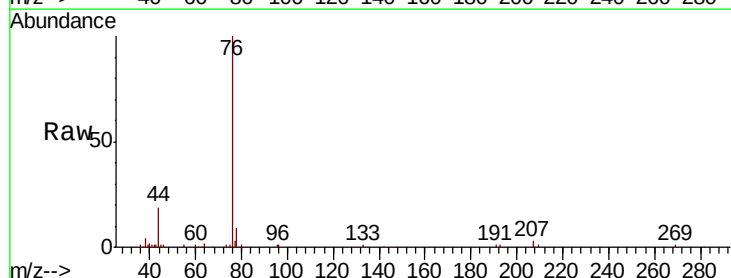
Acq: 30 Apr 2020 15:37

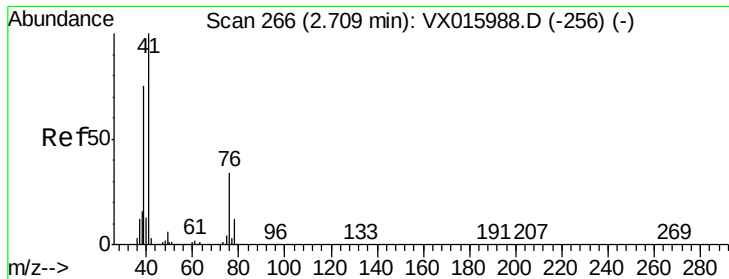
Tgt Ion: 76 Resp: 24033

Ion Ratio Lower Upper

76 100

78 8.5 7.7 11.5

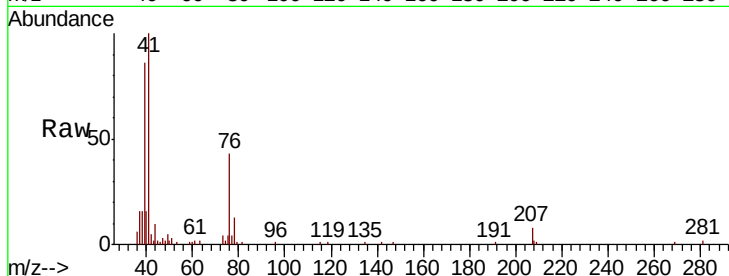




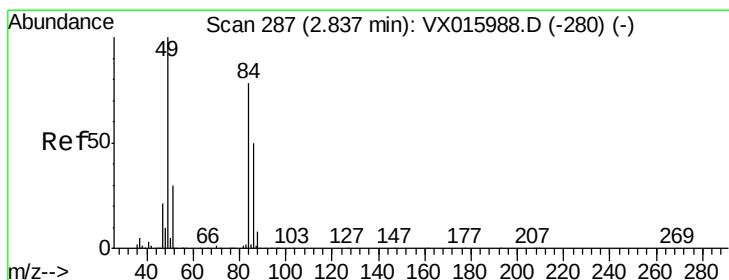
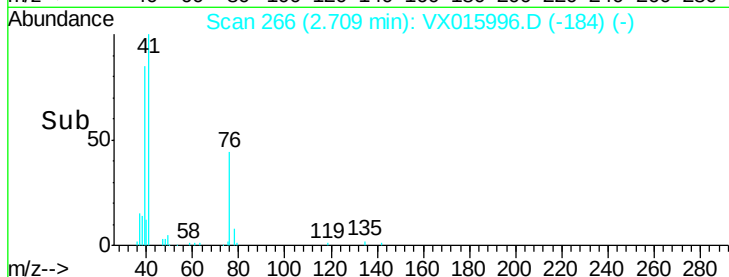
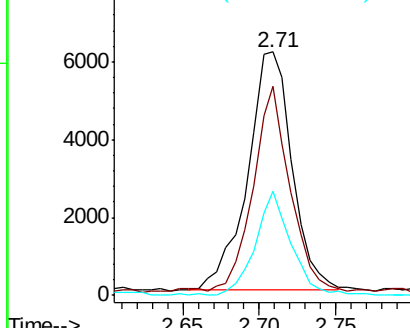
#17
Allvl chloride
Concen: 2.324 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 41 Resp: 12327
Ion Ratio Lower Upper
41 100
39 85.0 37.6 112.8
76 43.9 17.2 51.5

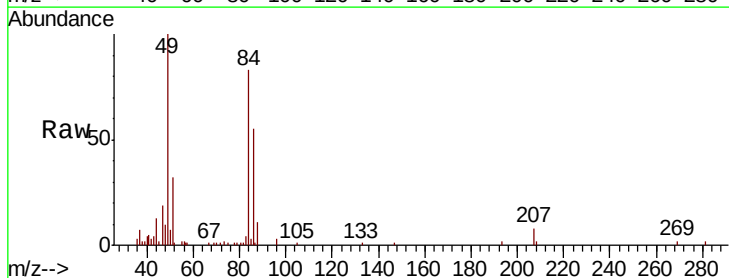


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 76.00 (75.70 to 76.70): VX0

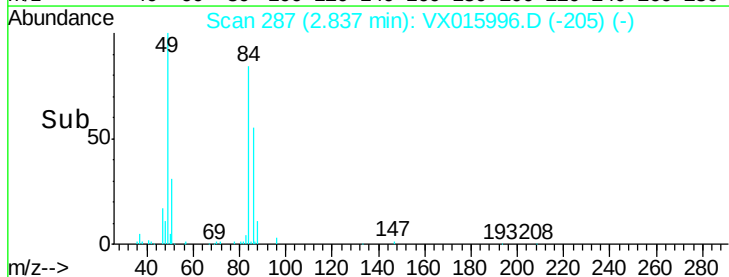
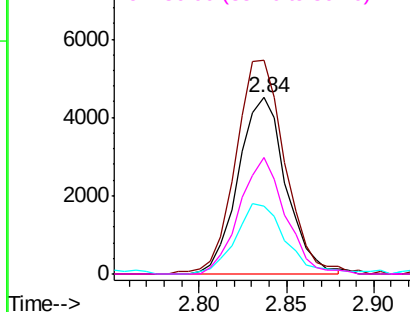


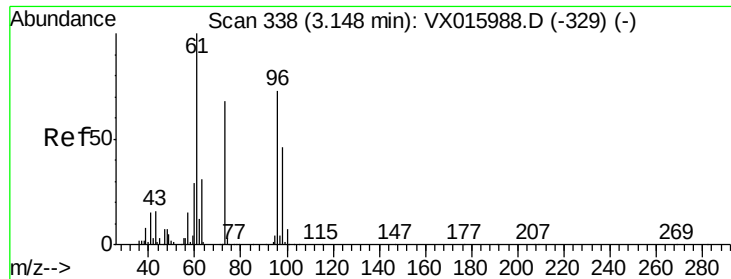
#18
Methylene Chloride
Concen: 2.675 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

Tgt Ion: 84 Resp: 8569
Ion Ratio Lower Upper
84 100
49 119.6 103.0 154.4
51 38.8 31.4 47.0
86 65.9 51.7 77.5



Abundance Ion 84.00 (83.70 to 84.70): VX0
Ion 49.00 (48.70 to 49.70): VX0
Ion 51.00 (50.70 to 51.70): VX0
Ion 86.00 (85.70 to 86.70): VX0

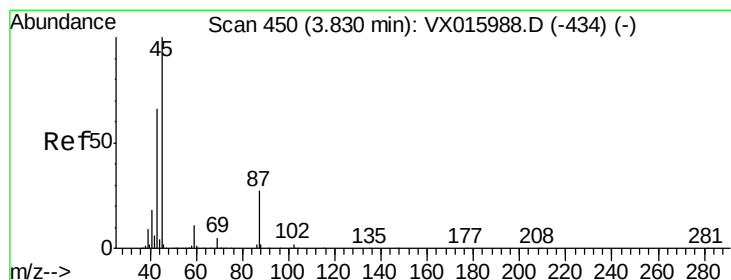
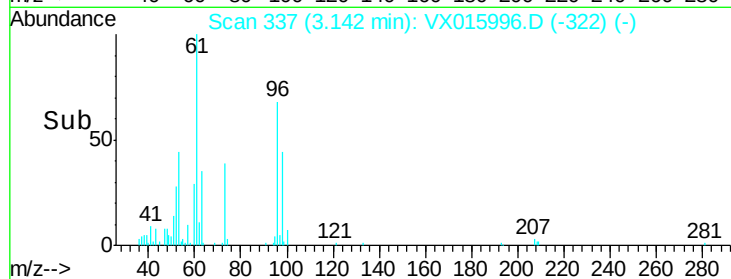
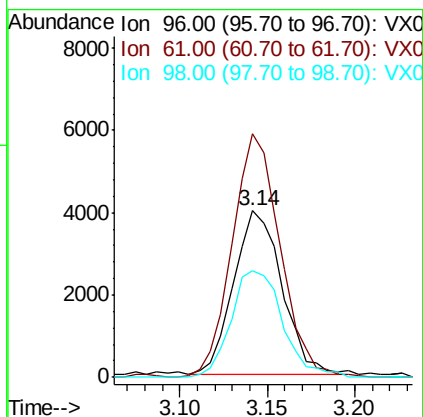
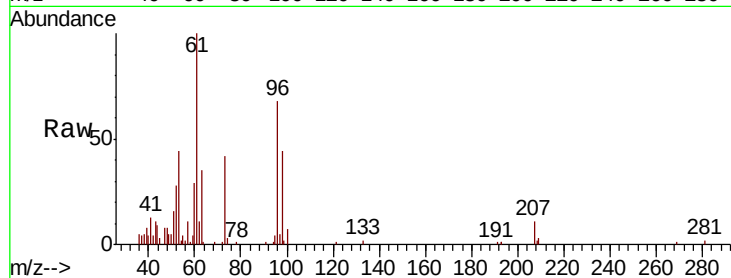




#19
trans-1,2-Dichloroethene
Concen: 2.449 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.01 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

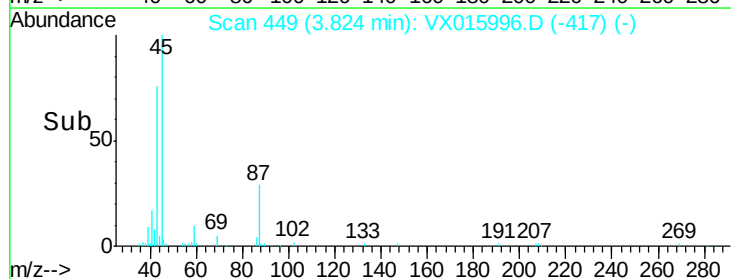
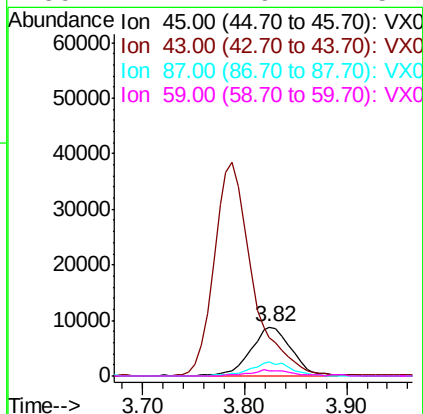
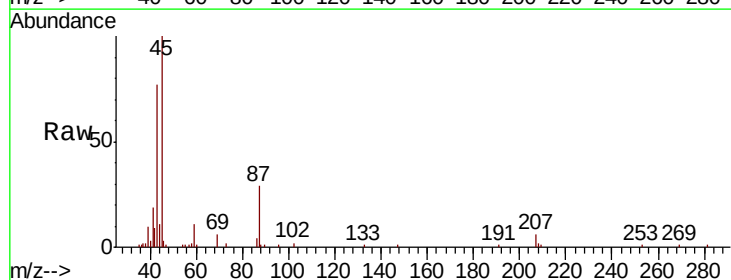
Instrument :
MSVOA_X
ClientSampleId :

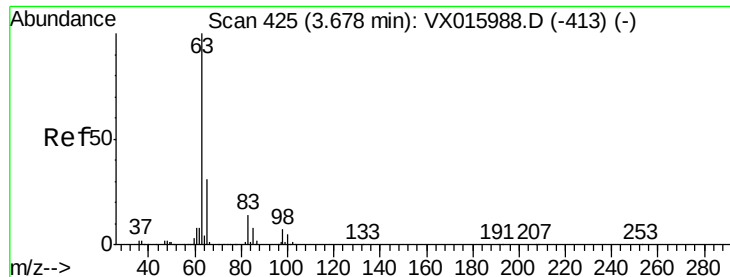
Tot Ion: 96 Resp: 7660
Ion Ratio Lower Upper
96 100
61 147.3 109.0 163.4
98 65.1 50.0 75.0



#20
Diisopropyl ether
Concen: 2.397 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.01 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

Tgt Ion: 45 Resp: 24521
Ion Ratio Lower Upper
45 100
43 74.4 53.0 79.4
87 28.9 21.9 32.9
59 11.2 9.1 13.7





#21

1,1-Dichloroethane

Concen: 2.460 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.01 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

ClientSampleId :

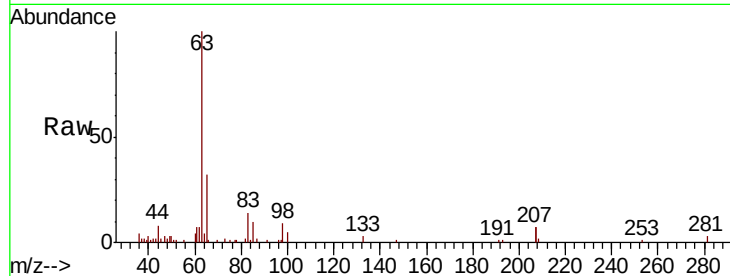
Tot Ion: 63 Resp: 14029

Ion Ratio Lower Upper

63 100

98 8.6 3.5 10.4

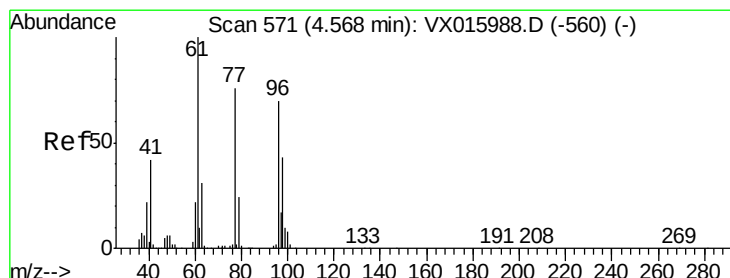
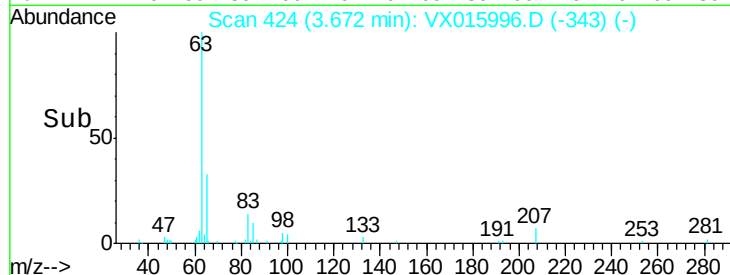
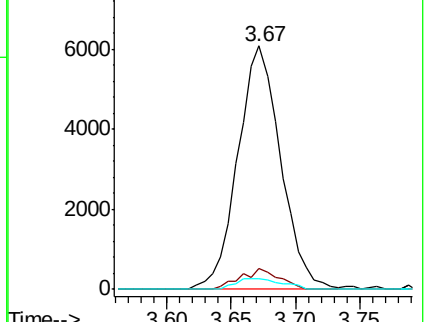
100 4.6 2.3 6.9



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 2.645 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

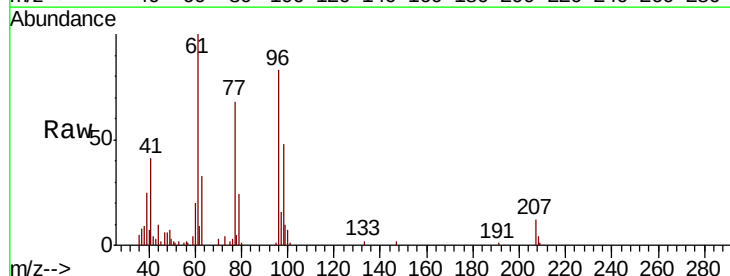
Tgt Ion: 96 Resp: 9389

Ion Ratio Lower Upper

96 100

61 138.2 121.6 182.4

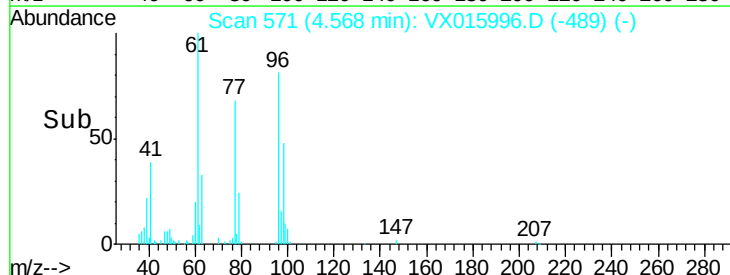
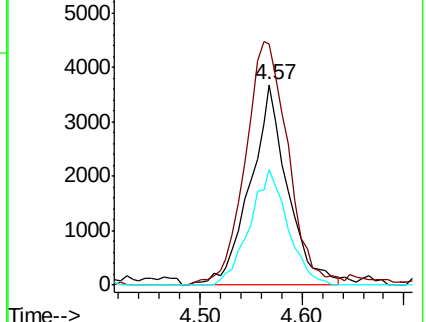
98 58.7 51.9 77.9

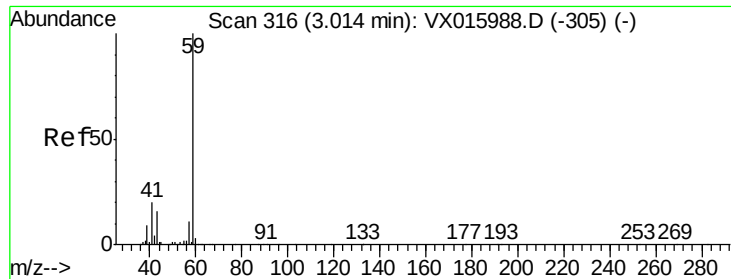


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



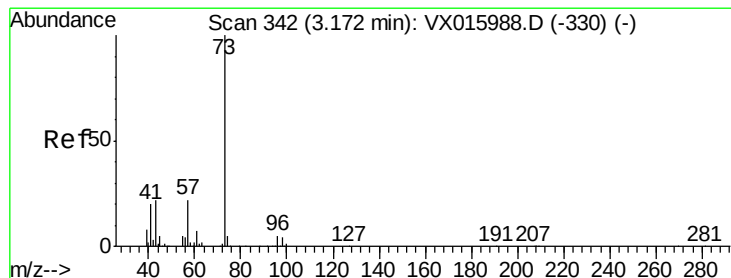
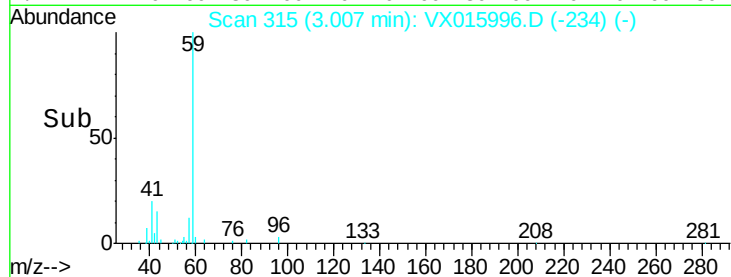
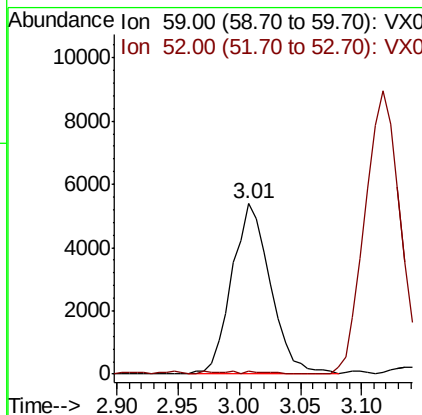
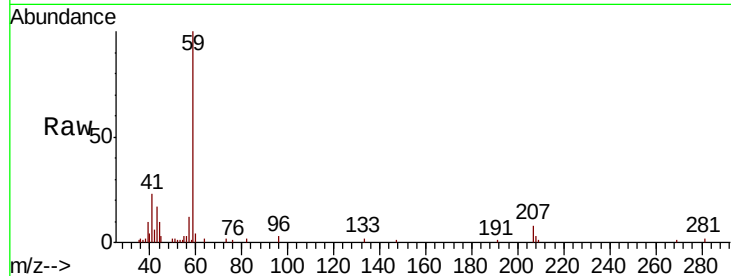


#23

tert-Butyl Alcohol
 Concen: 13.129 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX015996.D
 Acq: 30 Apr 2020 15:37

Instrument :
 MSVOA_X
 ClientSampleId :

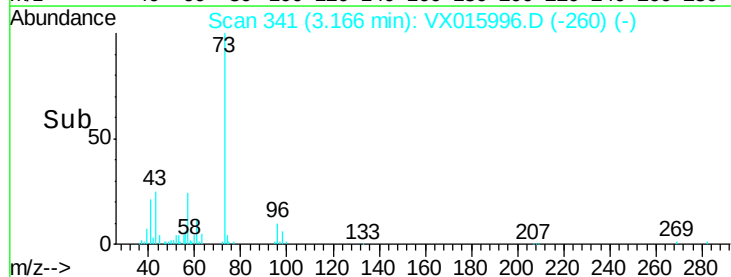
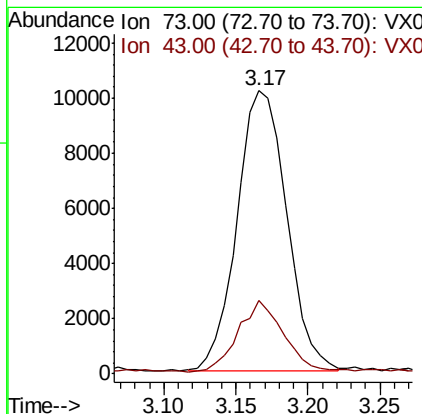
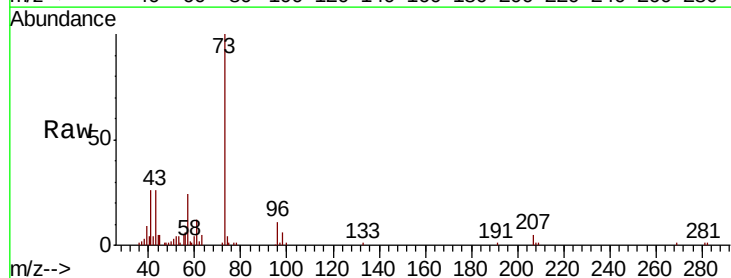
Tot Ion: 59 Resp: 11853
 Ion Ratio Lower Upper
 59 100
 52 0.6 0.1 0.1#

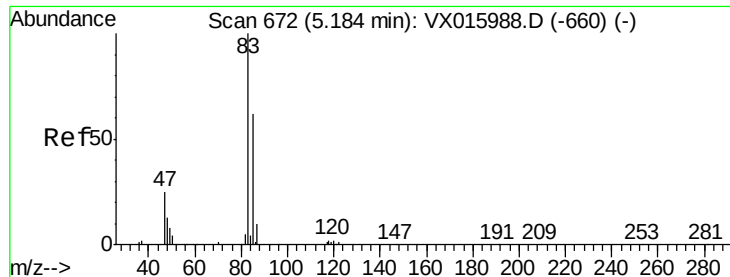


#24

Methyl tert-Butyl Ether
 Concen: 2.353 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX015996.D
 Acq: 30 Apr 2020 15:37

Tgt Ion: 73 Resp: 24168
 Ion Ratio Lower Upper
 73 100
 43 23.3 17.8 26.6

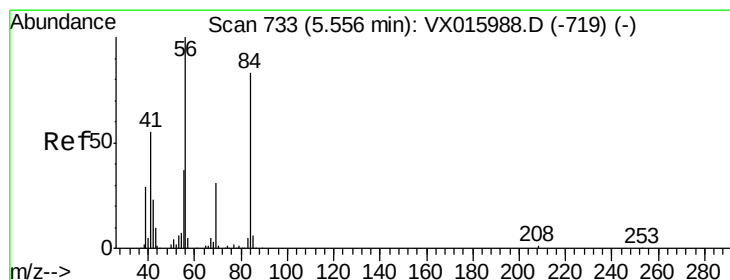
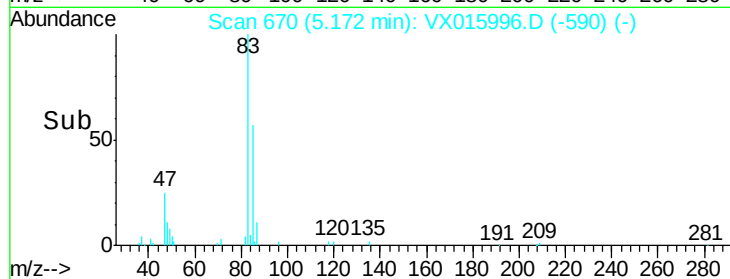
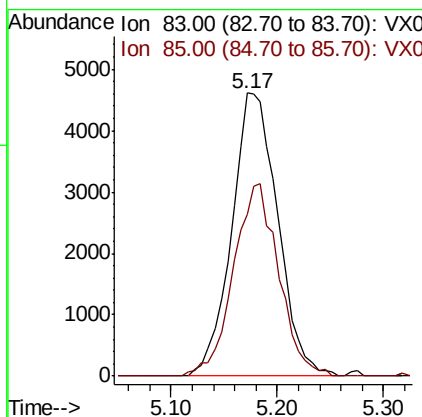
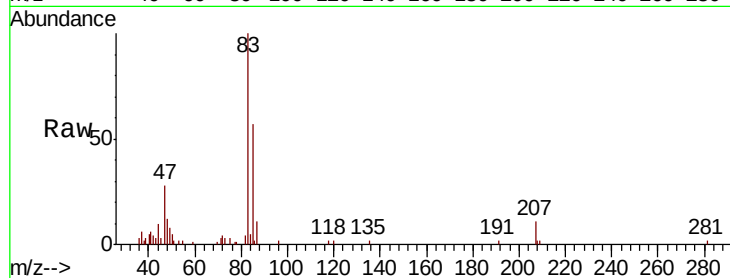




#25
Chloroform
Concen: 2.412 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

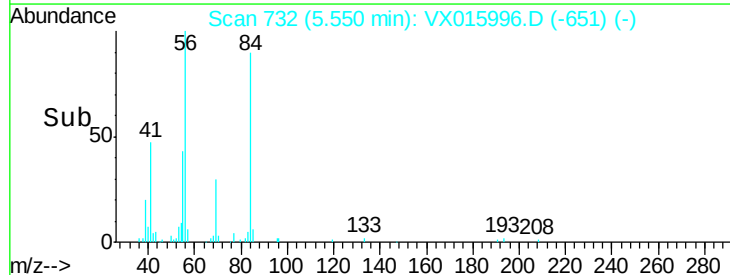
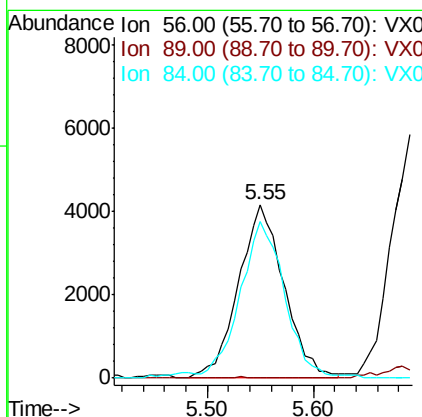
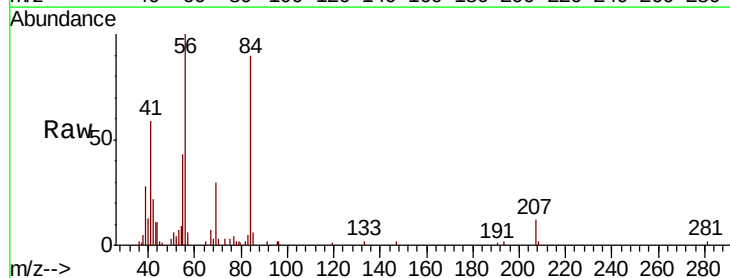
Instrument :
MSVOA_X
ClientSampled :

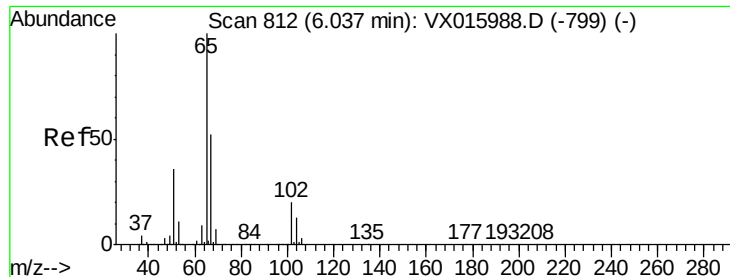
Tot Ion: 83 Resp: 13970
Ion Ratio Lower Upper
83 100
85 57.2 49.6 74.4



#26
Cyclohexane
Concen: 2.393 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

Tgt Ion: 56 Resp: 12480
Ion Ratio Lower Upper
56 100
89 1.0 0.1 0.1#
84 85.3 70.1 105.1

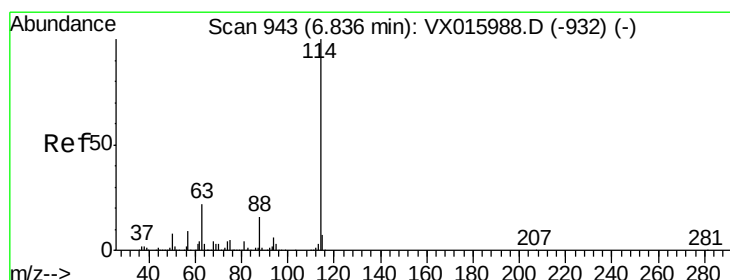
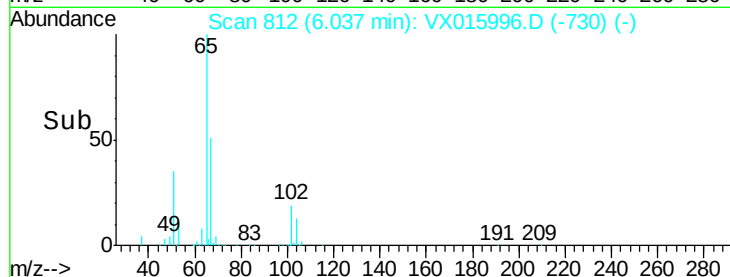
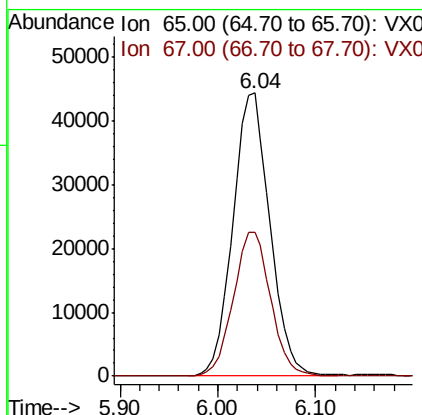
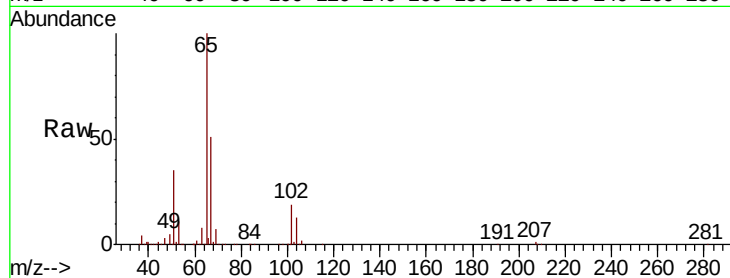




#27
 1,2-Dichloroethane-d4
 Concen: 30.340 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: VX015996.D
 Acq: 30 Apr 2020 15:37

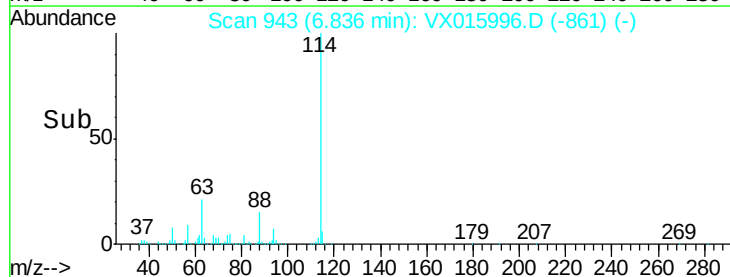
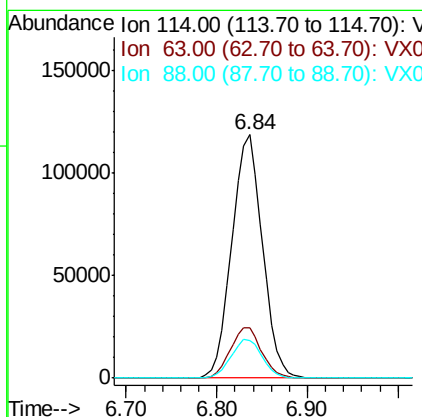
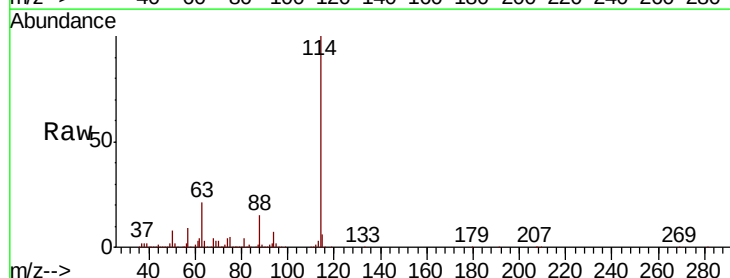
Instrument :
 MSVOA_X
 ClientSampleId :

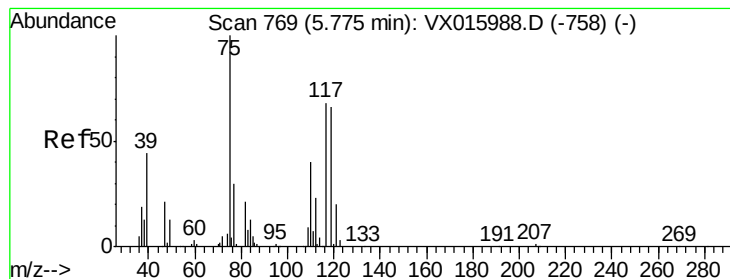
Tot Ion: 65 Resp: 116536
 Ion Ratio Lower Upper
 65 100
 67 51.2 41.0 61.4



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: VX015996.D
 Acq: 30 Apr 2020 15:37

Tgt Ion: 114 Resp: 277127
 Ion Ratio Lower Upper
 114 100
 63 21.3 17.1 25.7
 88 16.1 13.0 19.4





#29

1,1-Dichloropropene

Concen: 2.533 ug/l

RT: 5.78 min Scan# 769

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

ClientSampled :

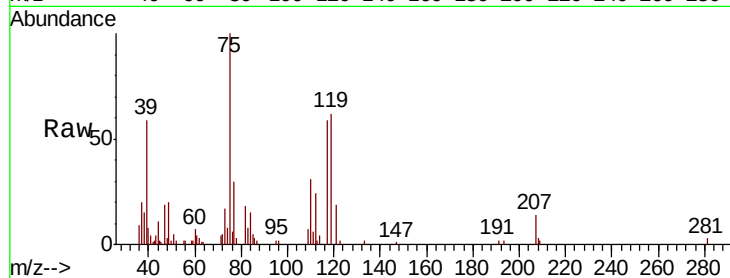
Tot Ion: 75 Resp: 11040

Ion Ratio Lower Upper

75 100

110 33.9 0.0 71.0

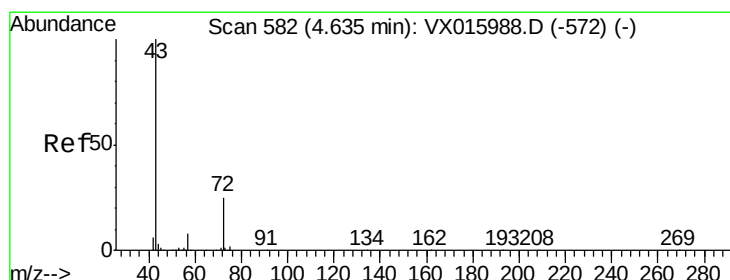
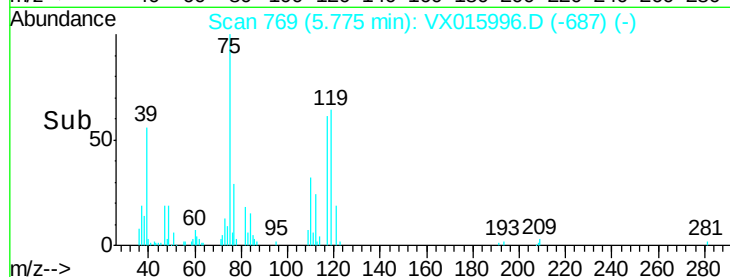
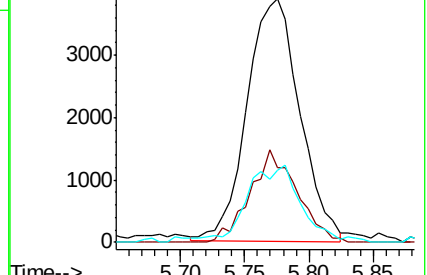
77 14.8 0.0 64.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 12.127 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

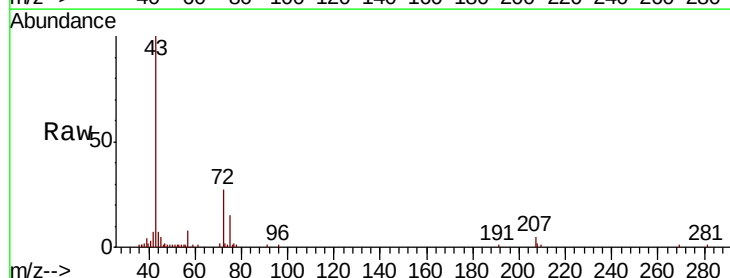
Tgt Ion: 43 Resp: 31495

Ion Ratio Lower Upper

43 100

57 3.5 6.3 9.5#

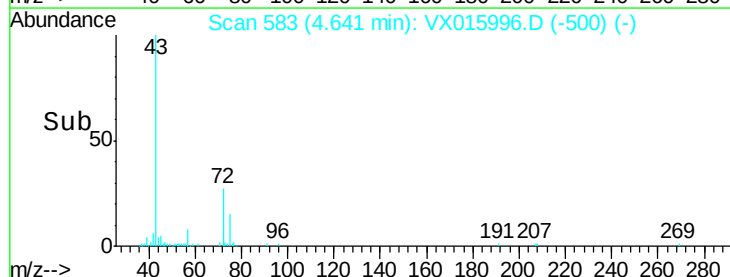
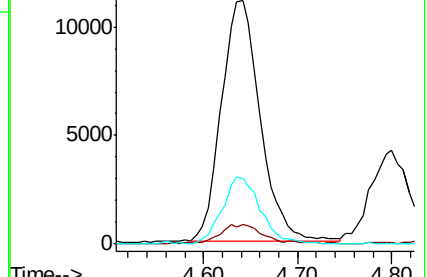
72 27.6 20.8 31.2

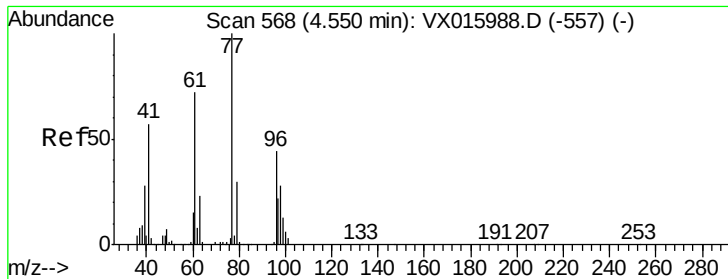


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

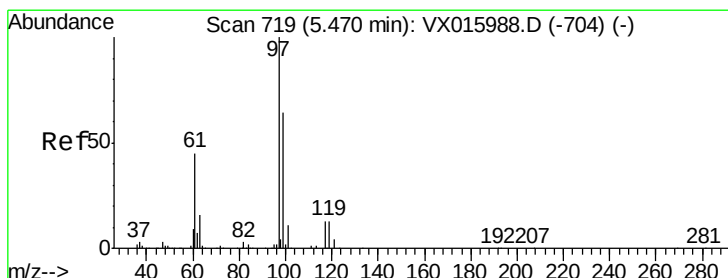
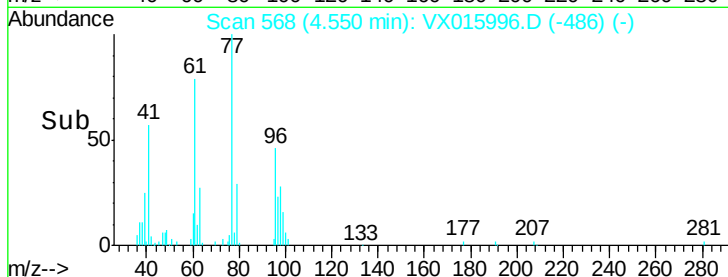
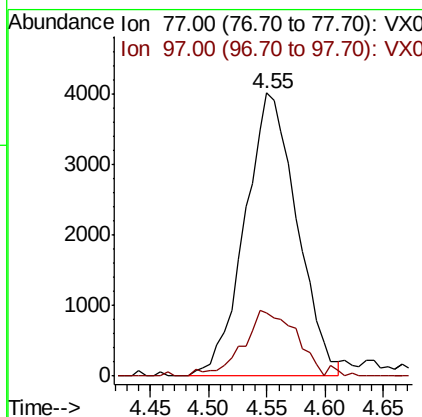
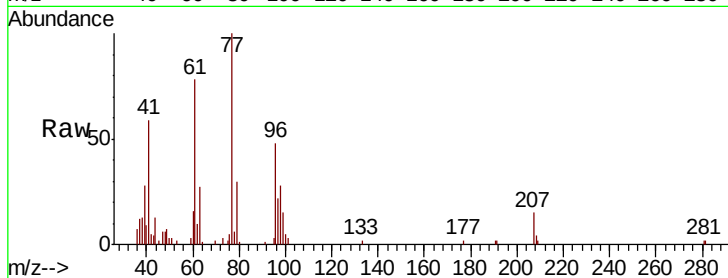




#31
 2,2-Dichloropropane
 Concen: 2.374 ug/l
 RT: 4.55 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: VX015996.D
 Acq: 30 Apr 2020 15:37

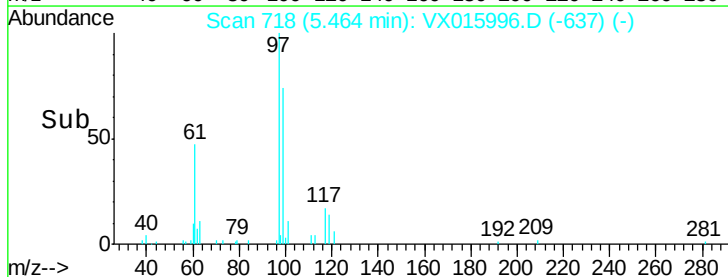
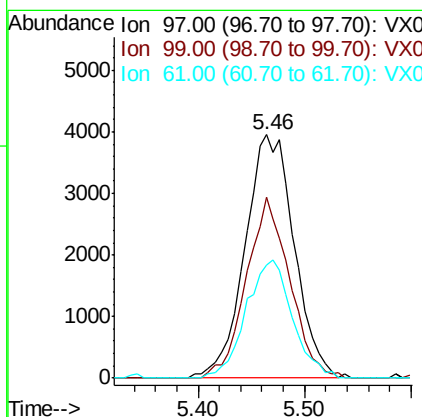
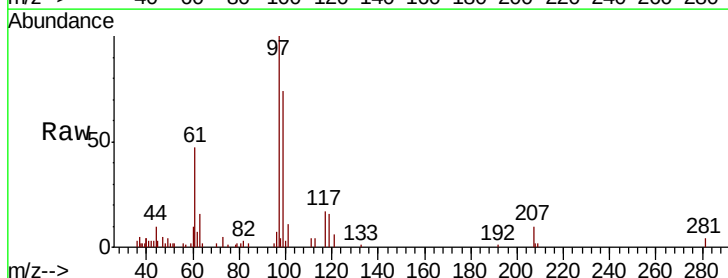
Instrument :
 MSVOA_X
 ClientSampleId :

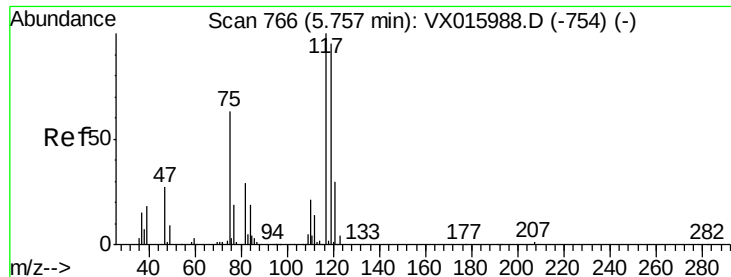
Tot Ion: 77 Resp: 12451
 Ion Ratio Lower Upper
 77 100
 97 23.0 17.8 26.8



#32
 1,1,1-Trichloroethane
 Concen: 2.413 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX015996.D
 Acq: 30 Apr 2020 15:37

Tgt Ion: 97 Resp: 12758
 Ion Ratio Lower Upper
 97 100
 99 65.3 50.7 76.1
 61 45.9 35.9 53.9





#33

Carbon Tetrachloride

Concen: 2.332 ug/l

RT: 5.76 min Scan# 766

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

ClientSampleId :

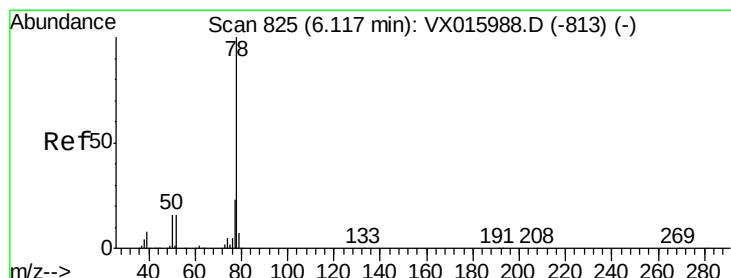
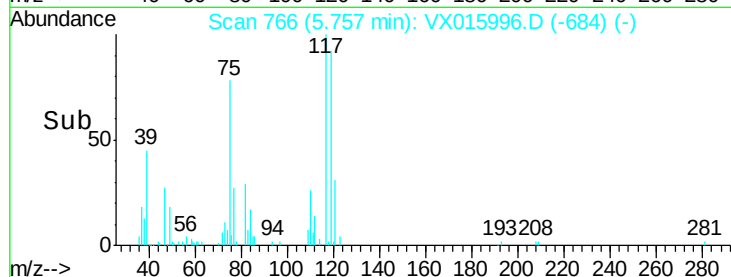
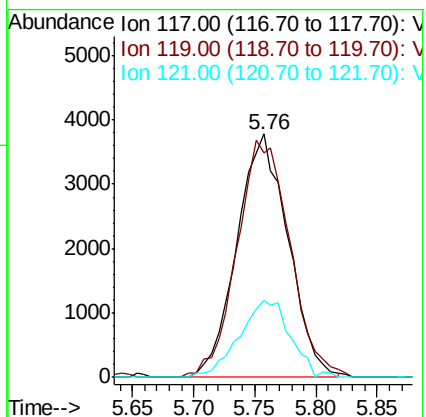
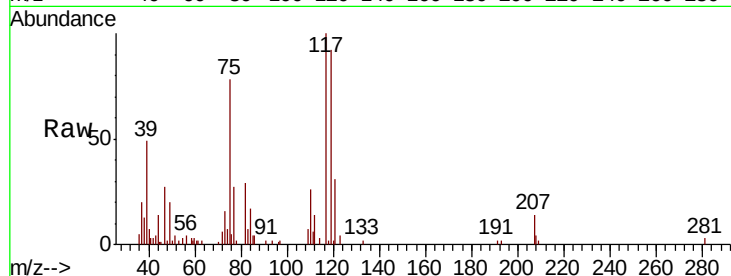
Tot Ion:117 Resp: 10979

Ion Ratio Lower Upper

117 100

119 90.9 76.3 114.5

121 31.5 24.2 36.4



#34

Benzene

Concen: 2.437 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

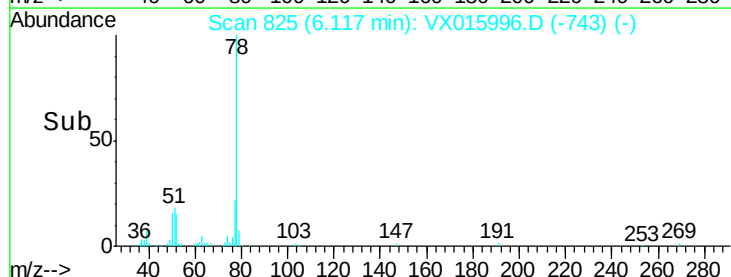
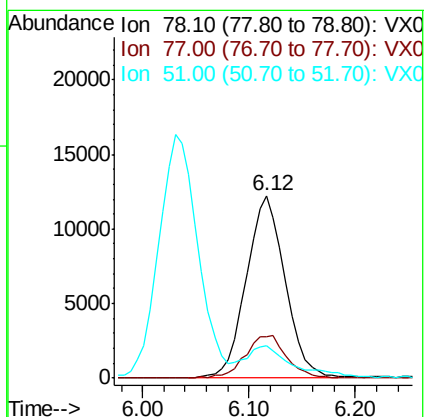
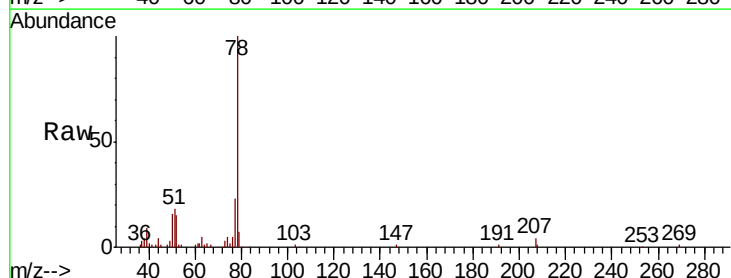
Tgt Ion: 78 Resp: 31023

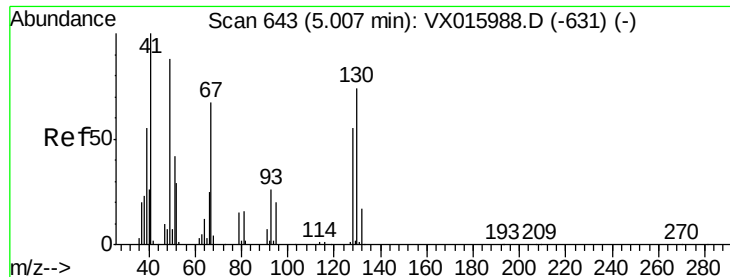
Ion Ratio Lower Upper

78 100

77 22.5 18.7 28.1

51 14.9 12.7 19.1

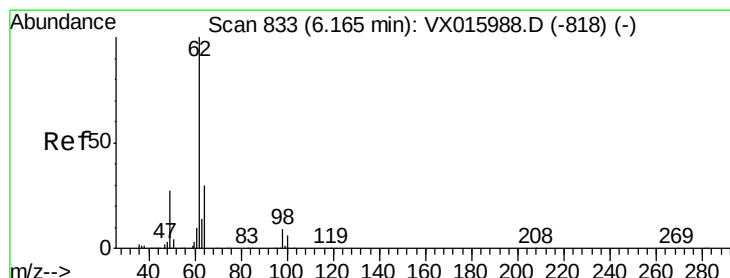
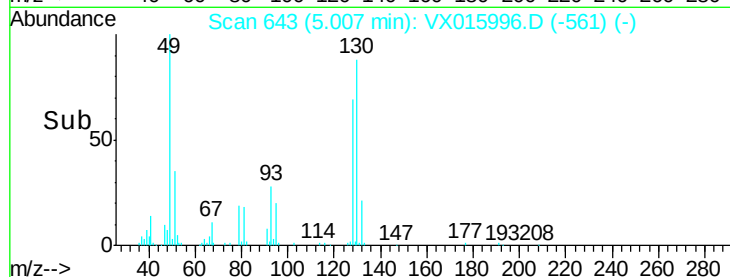
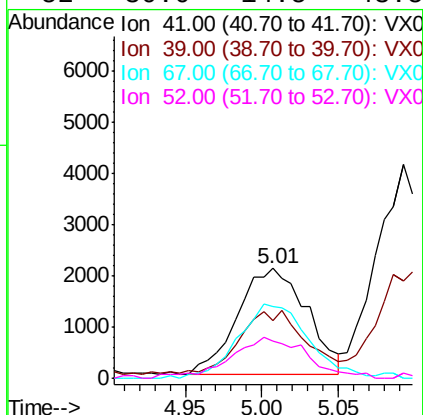
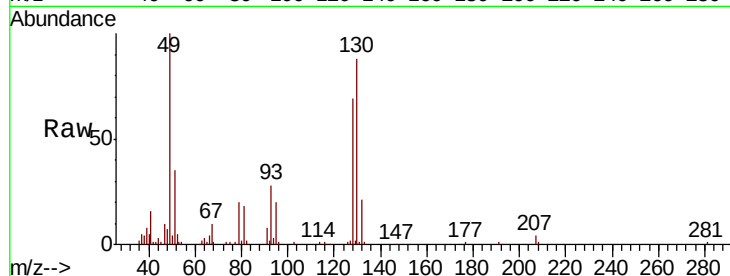




#35
Methacrylonitrile
Concen: 2.375 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

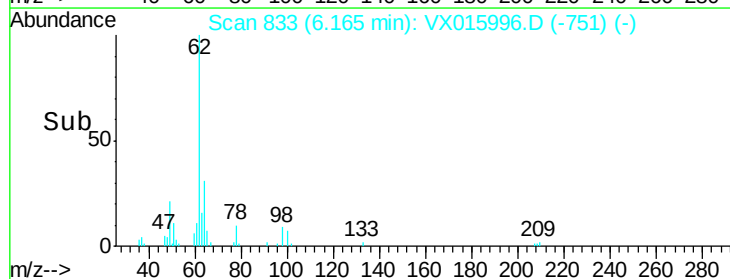
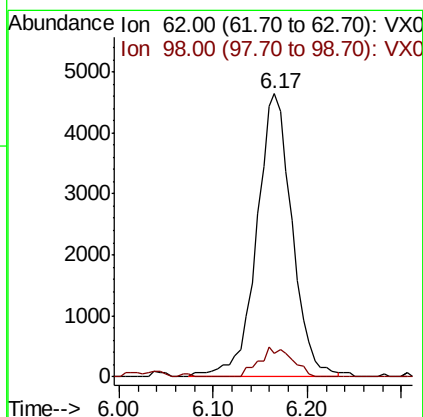
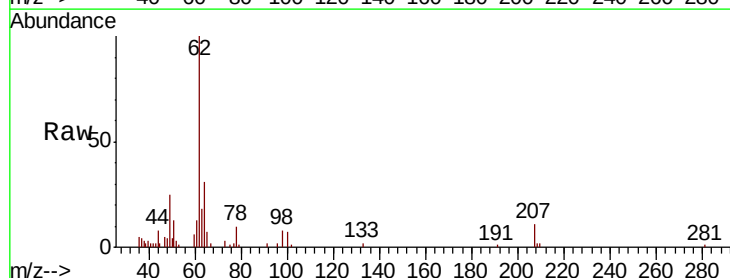
Instrument :
MSVOA_X
ClientSampled :

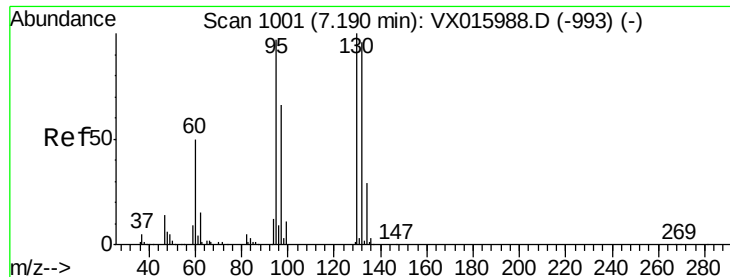
Tot Ion:	41	Resp:	6551
Ion	Ratio	Lower	Upper
41	100		
39	46.9	27.5	82.4
67	64.7	33.6	100.6
52	30.0	14.5	43.5



#36
1,2-Dichloroethane
Concen: 2.514 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

Tgt Ion:	62	Resp:	12222
Ion	Ratio	Lower	Upper
62	100		
98	5.1	7.4	11.2#

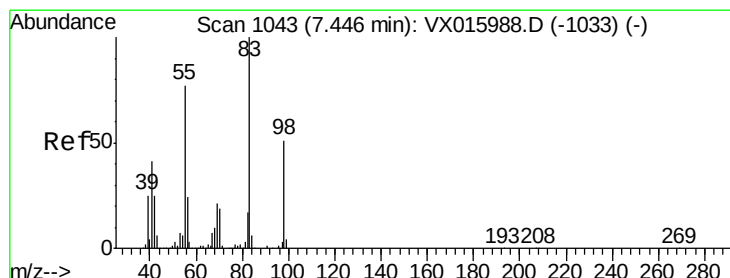
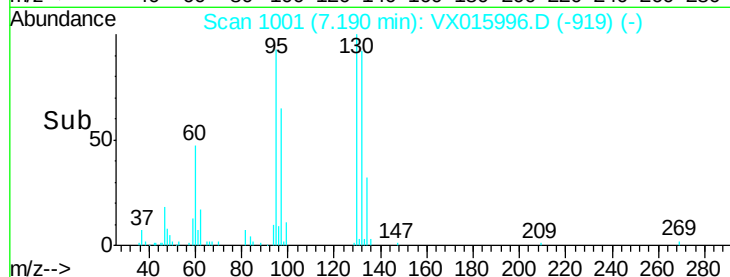
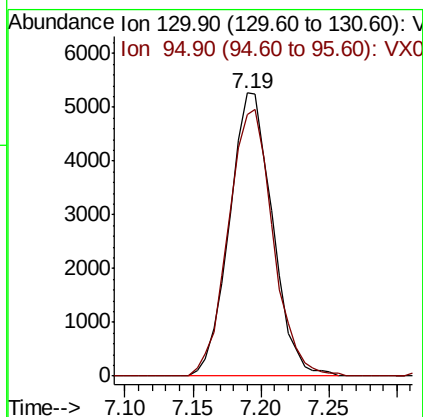
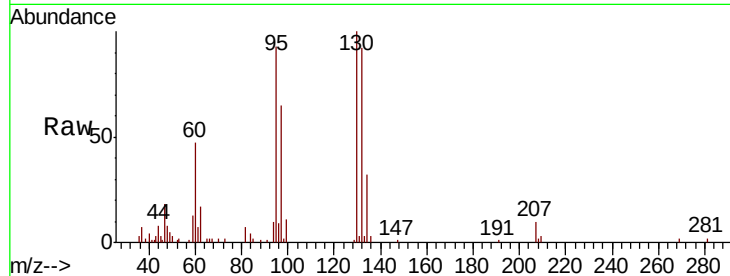




#37
 Trichloroethene
 Concen: 2.565 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX015996.D
 Acq: 30 Apr 2020 15:37

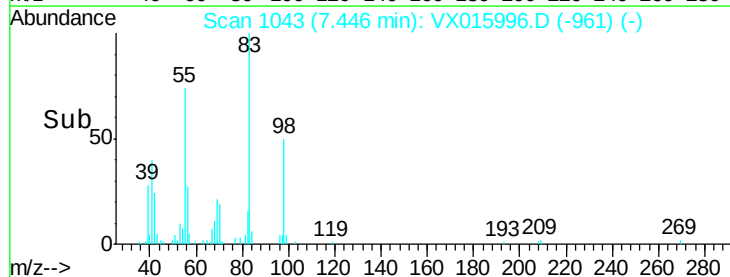
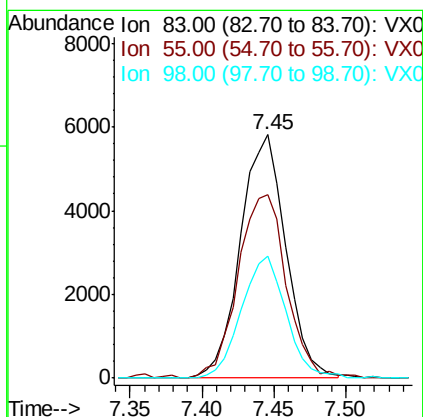
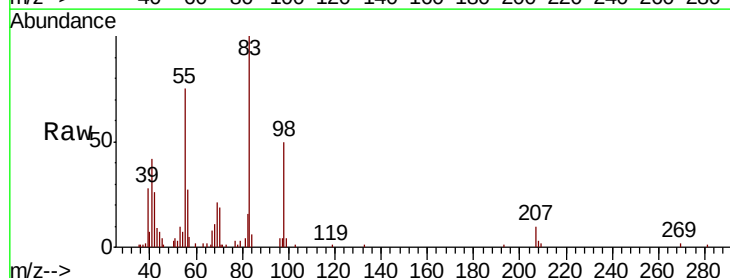
Instrument :
 MSVOA_X
 ClientSampled :

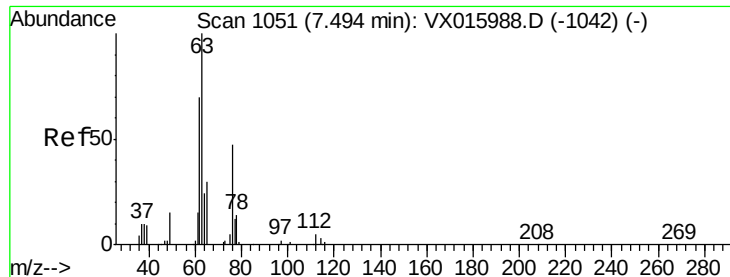
Tot Ion:130 Resp: 11616
 Ion Ratio Lower Upper
 130 100
 95 92.6 77.8 116.8



#38
 Methylcyclohexane
 Concen: 2.386 ug/l
 RT: 7.45 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX015996.D
 Acq: 30 Apr 2020 15:37

Tgt Ion: 83 Resp: 12711
 Ion Ratio Lower Upper
 83 100
 55 79.2 38.8 116.4
 98 49.0 25.1 75.3





#39

1,2-Dichloropropane

Concen: 2.402 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

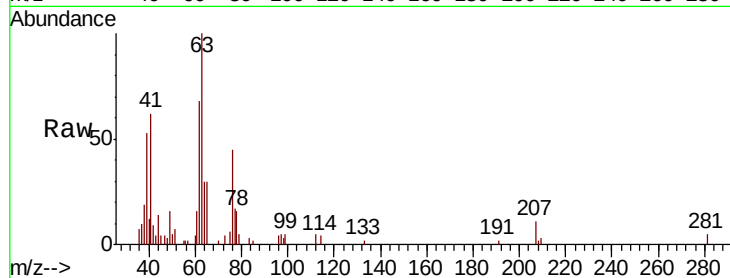
ClientSampleId :

Tot Ion: 63 Resp: 7851

Ion Ratio Lower Upper

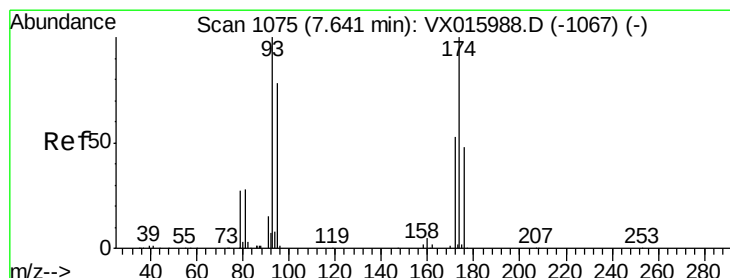
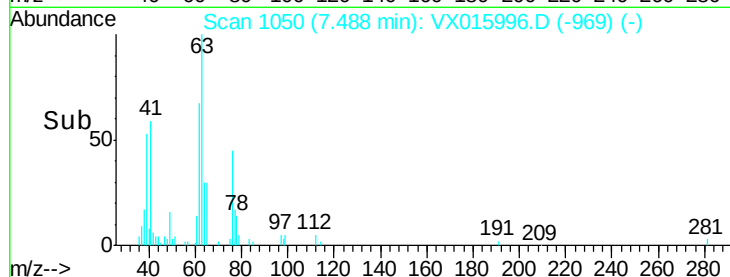
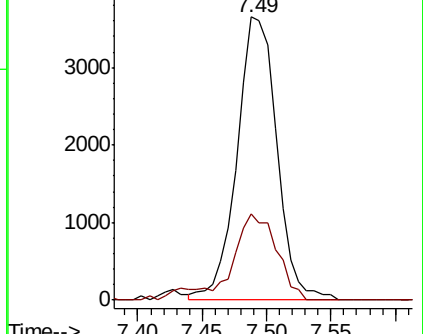
63 100

65 30.3 25.9 38.9



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 2.596 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

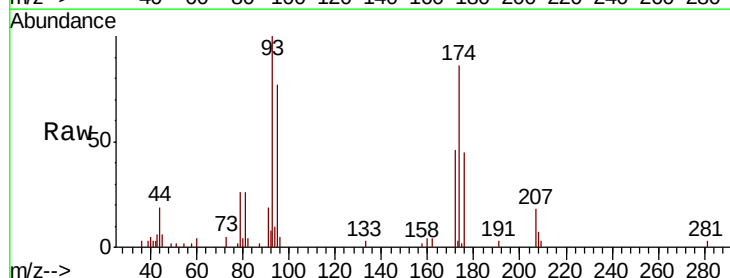
Tgt Ion: 93 Resp: 5890

Ion Ratio Lower Upper

93 100

95 80.1 0.0 162.8

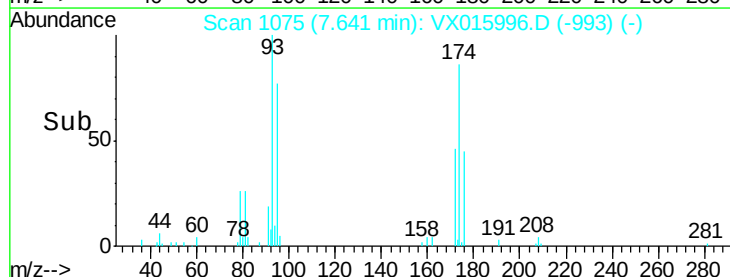
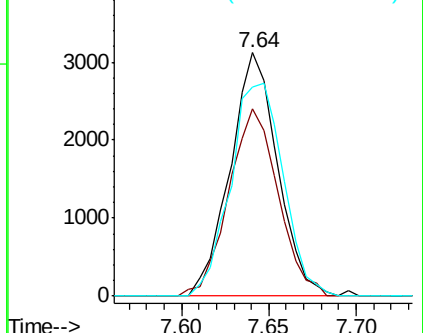
174 97.2 0.0 204.0

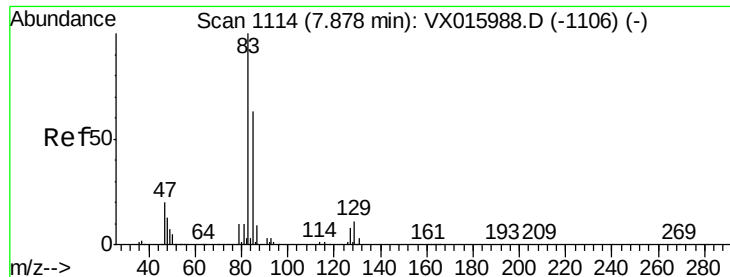


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 2.291 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

ClientSampleId :

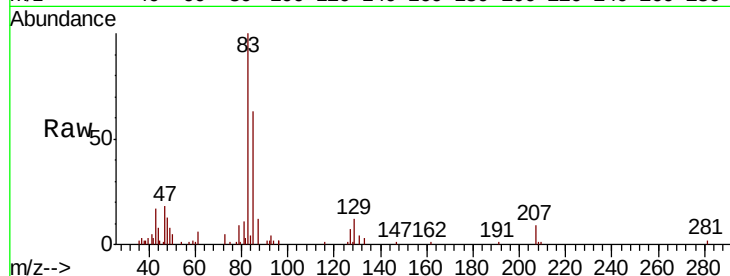
Tot Ion: 83 Resp: 10717

Ion Ratio Lower Upper

83 100

85 63.0 50.4 75.6

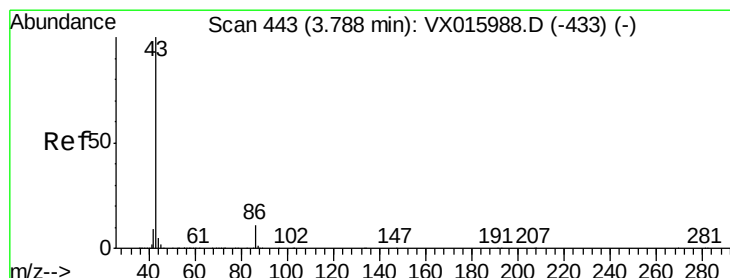
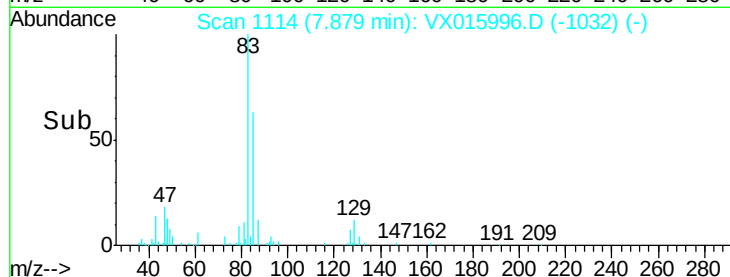
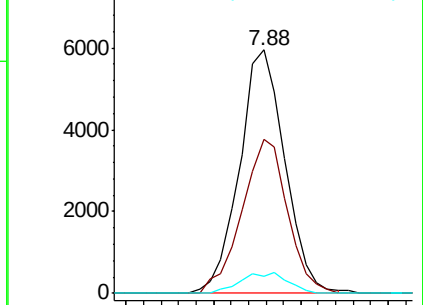
127 7.2 6.7 10.1



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 11.622 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX015996.D

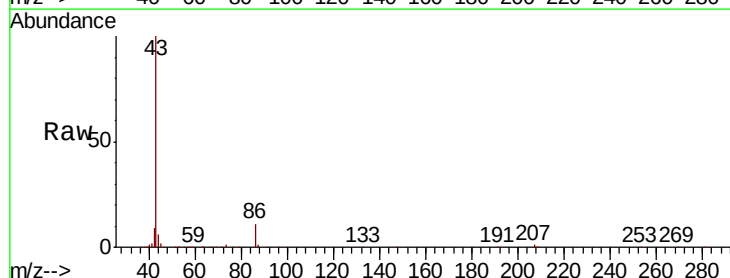
Acq: 30 Apr 2020 15:37

Tgt Ion: 43 Resp: 99858

Ion Ratio Lower Upper

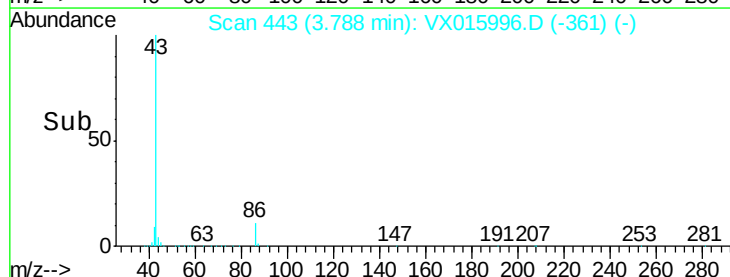
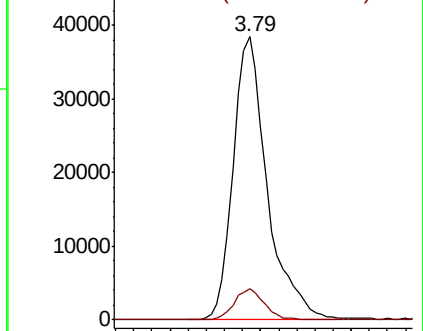
43 100

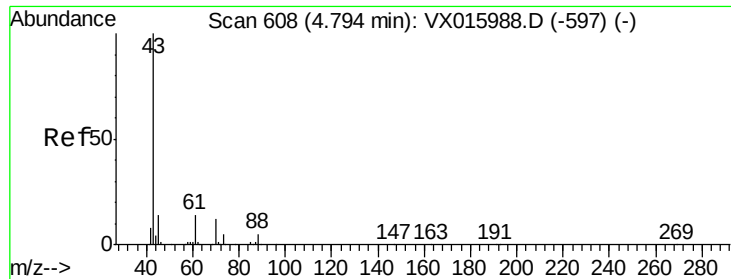
86 9.7 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

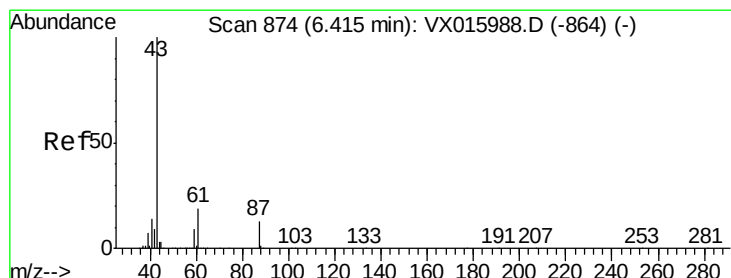
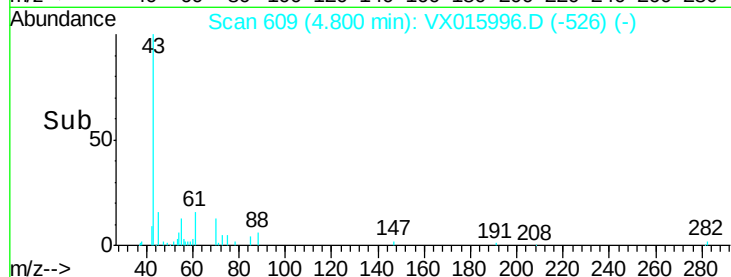
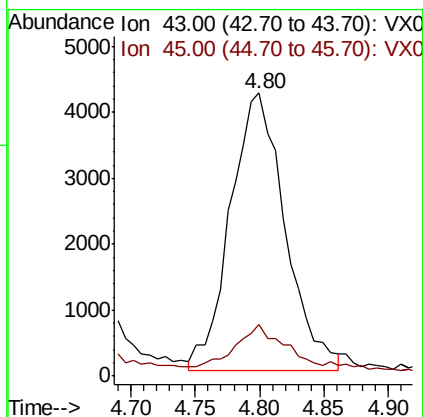
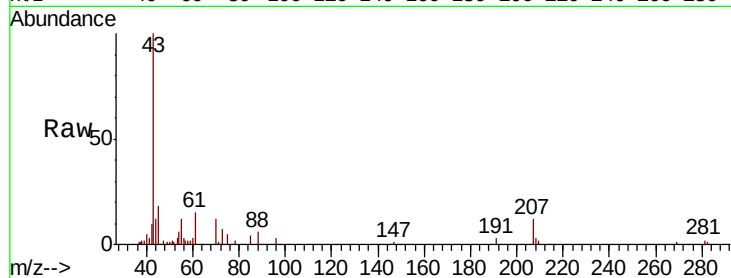




#43
Ethyl Acetate
Concen: 2.442 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

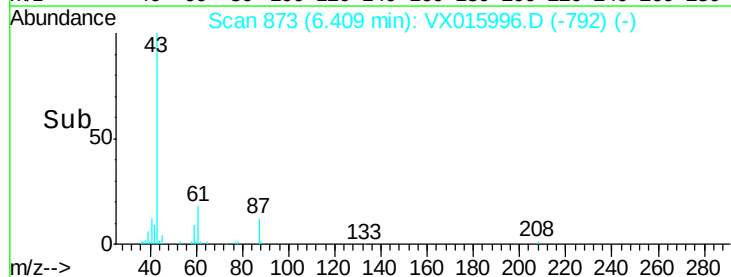
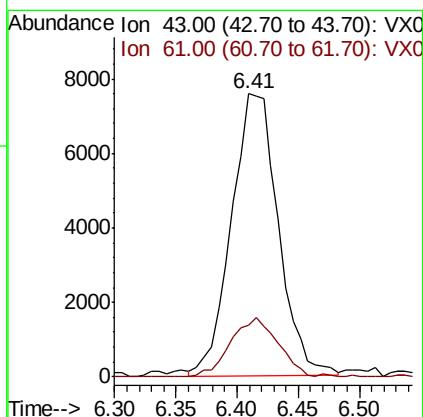
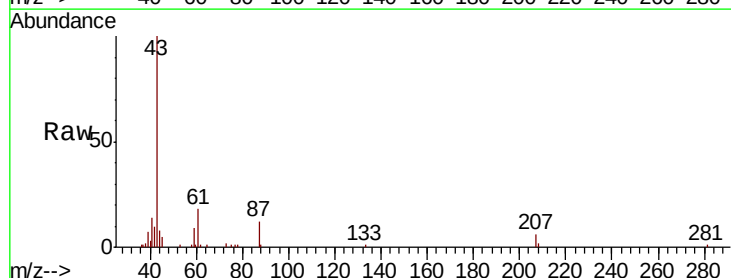
Instrument :
MSVOA_X
ClientSampleId :

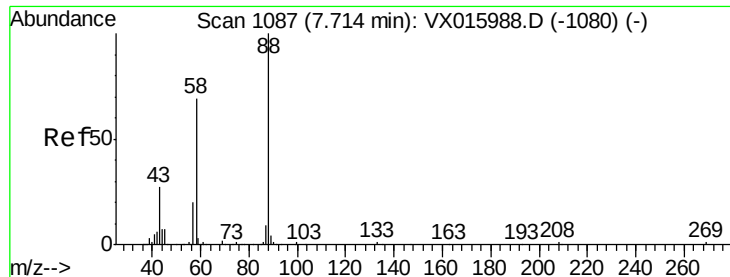
Tot Ion: 43 Resp: 12508
Ion Ratio Lower Upper
43 100
45 13.0 11.9 17.9



#44
Isopropyl Acetate
Concen: 2.435 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

Tgt Ion: 43 Resp: 20245
Ion Ratio Lower Upper
43 100
61 21.1 16.1 24.1





#45

1,4-Dioxane

Concen: 50.424 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

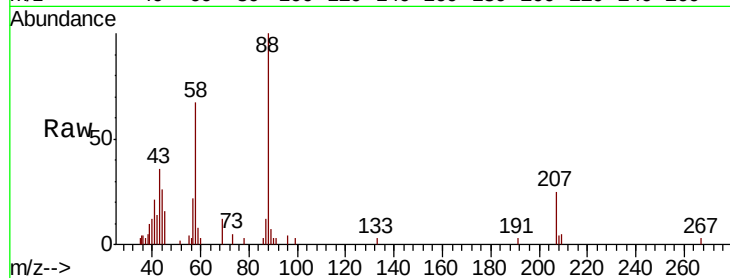
Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 4428

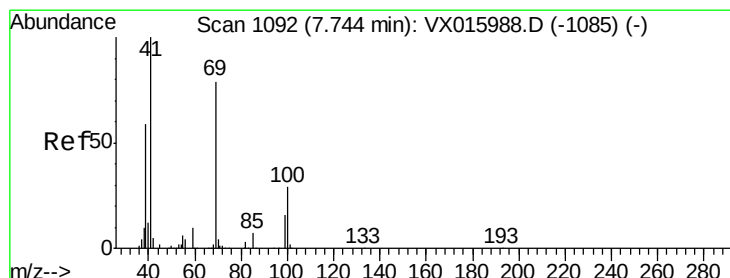
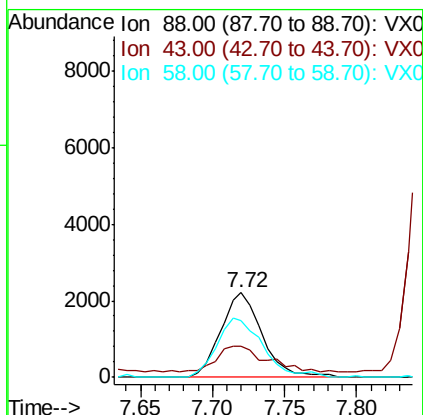
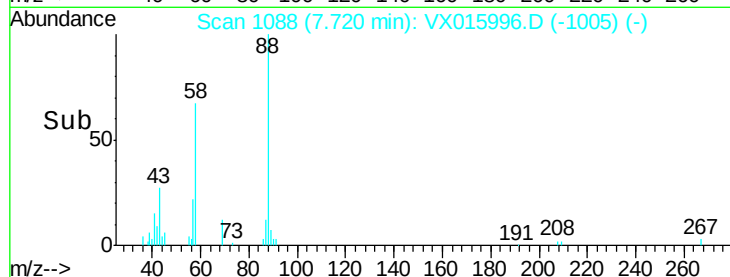
Ion	Ratio	Lower	Upper
88	100		
43	28.4	26.3	39.5
58	75.9	57.0	85.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 2.225 ug/l

RT: 7.75 min Scan# 1093

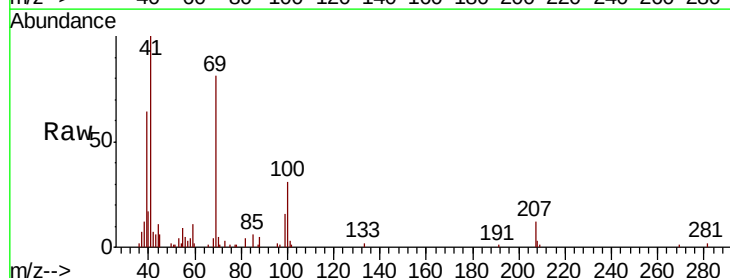
Delta R.T. 0.01 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Tgt Ion: 41 Resp: 8768

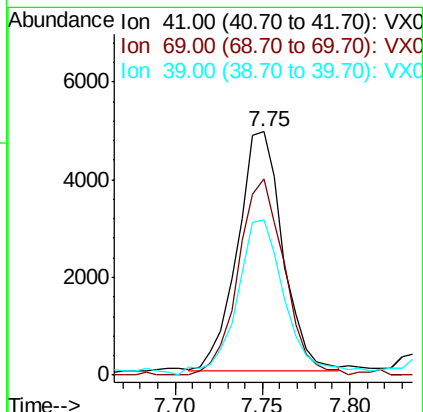
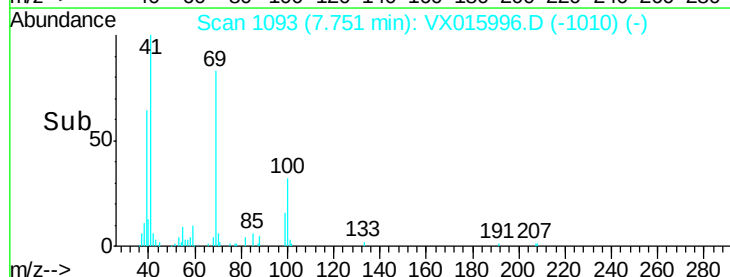
Ion	Ratio	Lower	Upper
41	100		
69	82.7	39.5	118.5
39	62.1	29.6	88.9

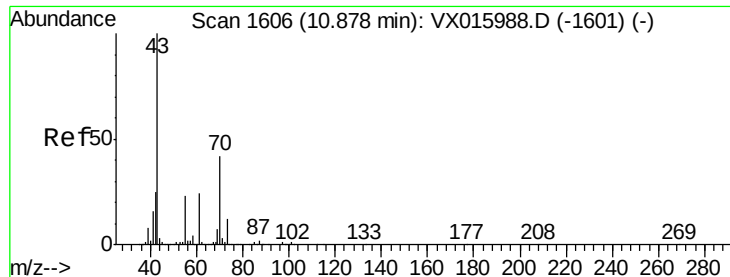


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 2.208 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

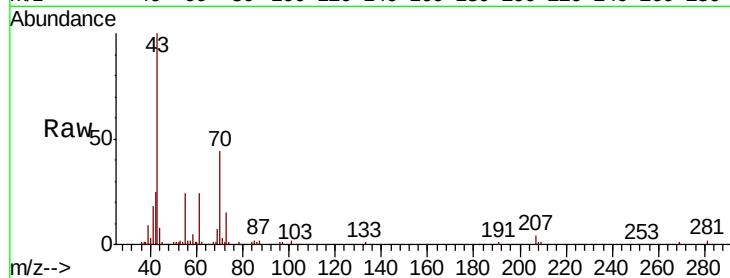
ClientSampled :

Tot Ion: 43 Resp: 16049

Ion Ratio Lower Upper

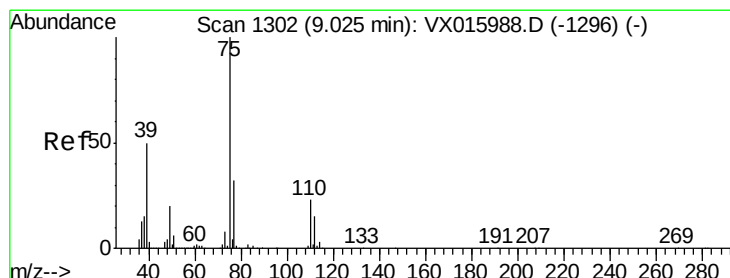
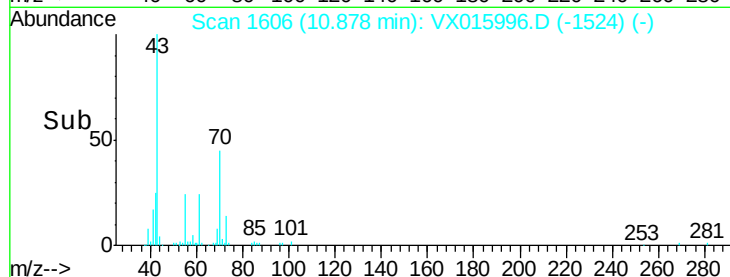
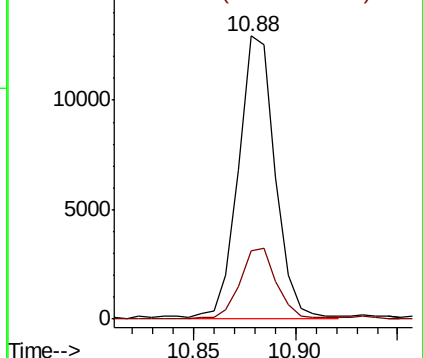
43 100

55 24.9 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 2.358 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX015996.D

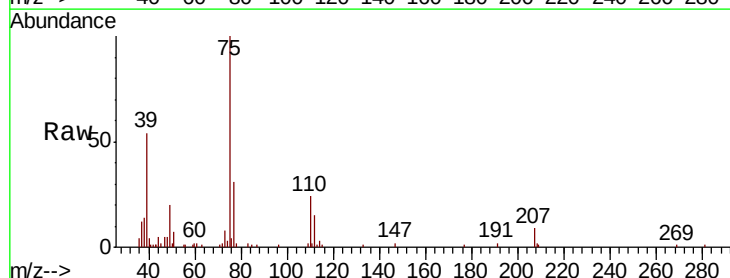
Acq: 30 Apr 2020 15:37

Tgt Ion: 75 Resp: 12811

Ion Ratio Lower Upper

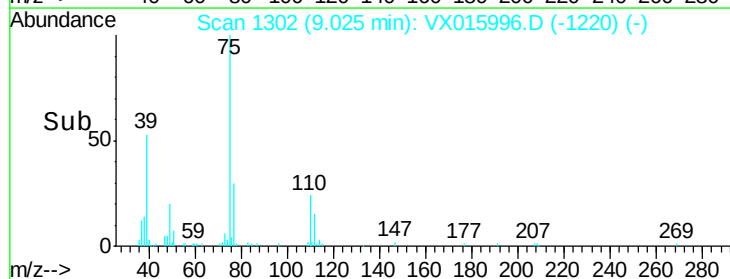
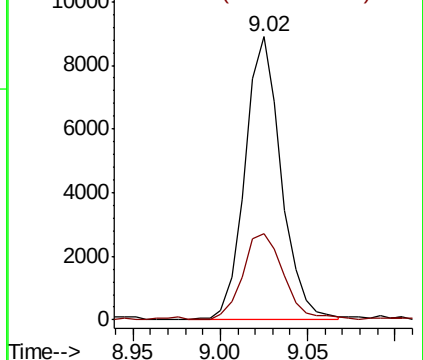
75 100

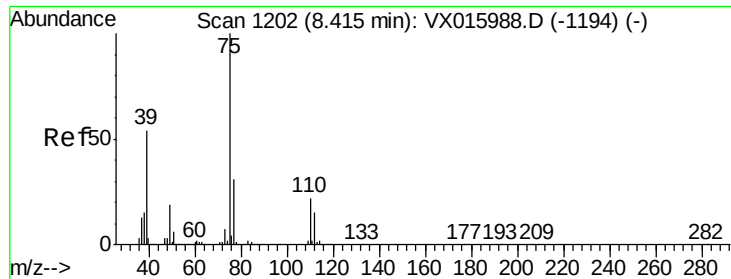
77 30.7 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



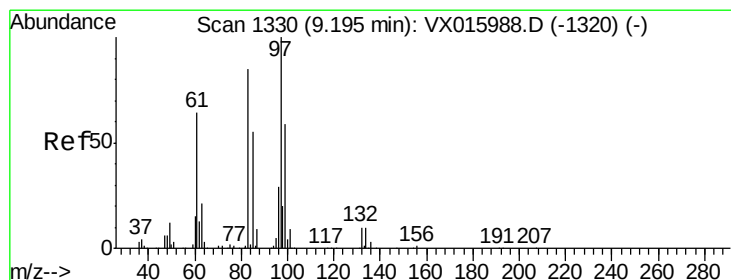
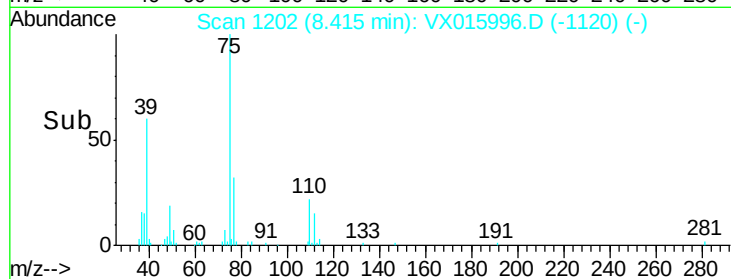
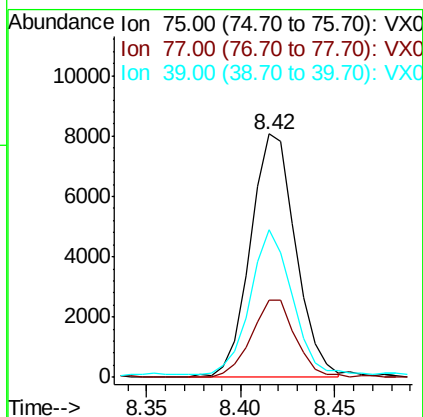
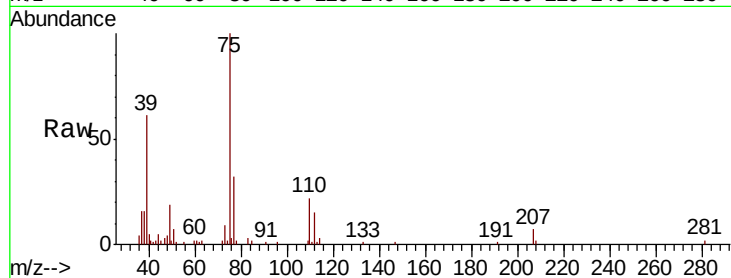


#49

cis-1,3-Dichloropropene
 Concen: 2.399 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX015996.D
 Acq: 30 Apr 2020 15:37

Instrument :
 MSVOA_X
 ClientSampled :

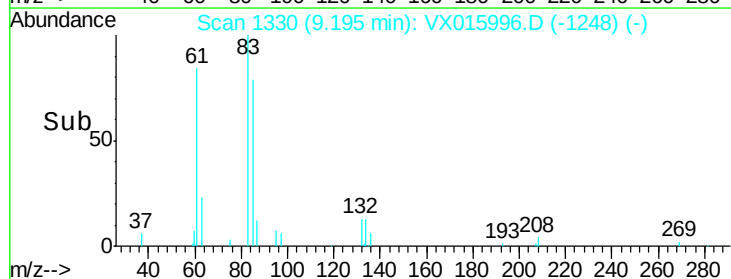
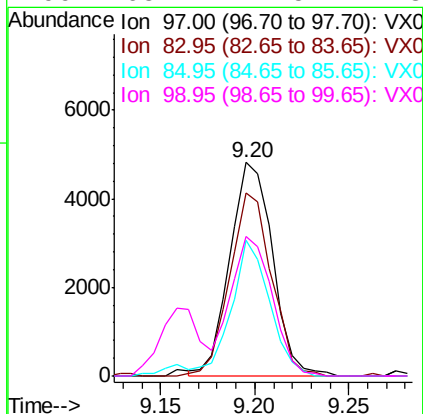
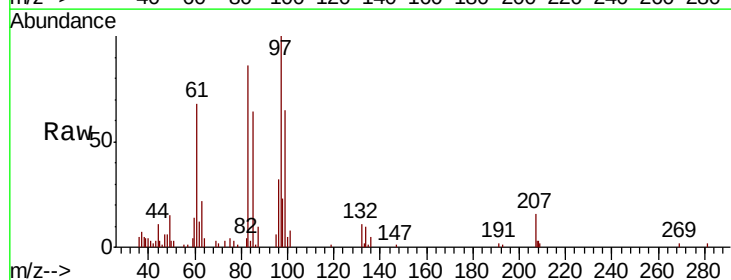
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.0	37.6
39	59.7	43.2	64.8

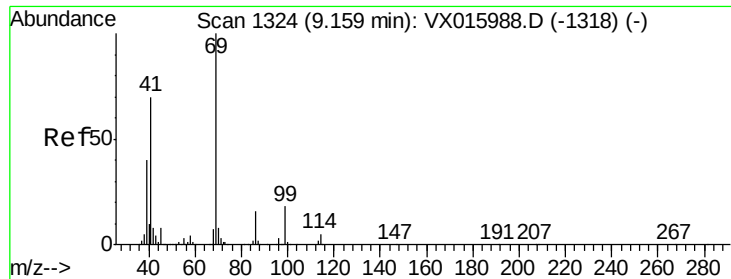


#50

1,1,2-Trichloroethane
 Concen: 2.376 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX015996.D
 Acq: 30 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.6	67.7	101.5
85	63.7	43.7	65.5
99	65.2	47.5	71.3





#51

Ethyl methacrylate

Concen: 2.131 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

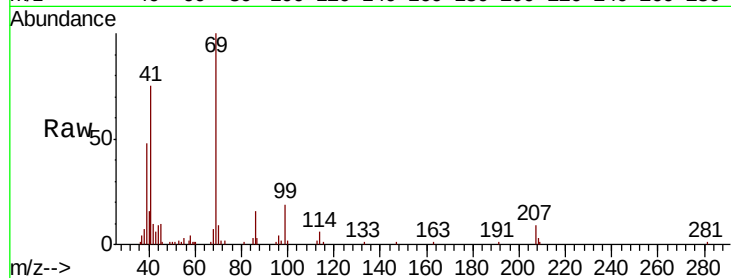
Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 69 Resp: 11251

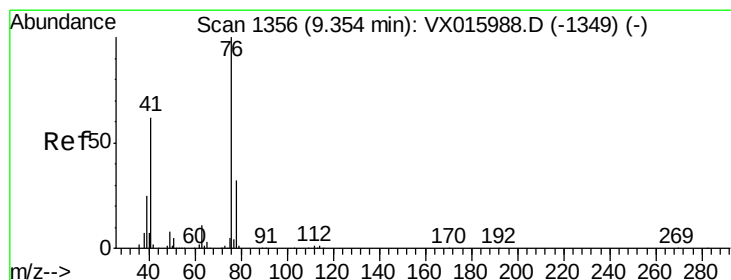
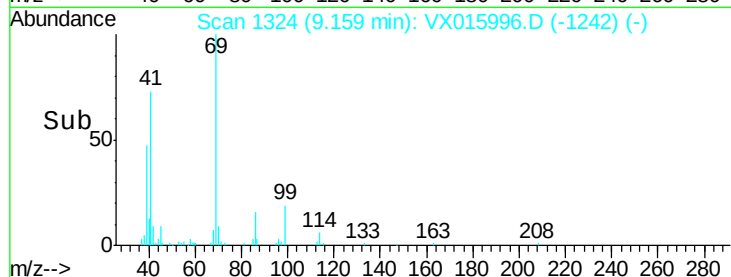
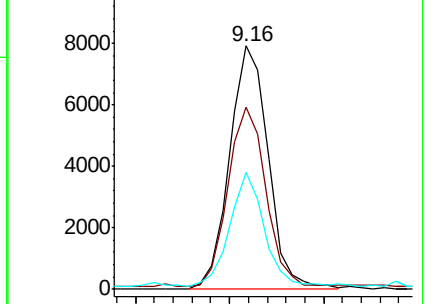
Ion	Ratio	Lower	Upper
69	100		
41	73.9	34.8	104.4
39	46.7	19.8	59.4



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 2.389 ug/l

RT: 9.35 min Scan# 1356

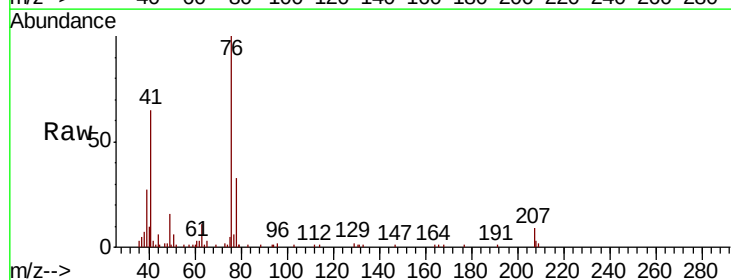
Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

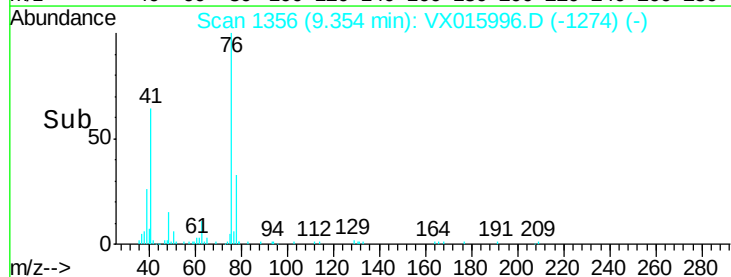
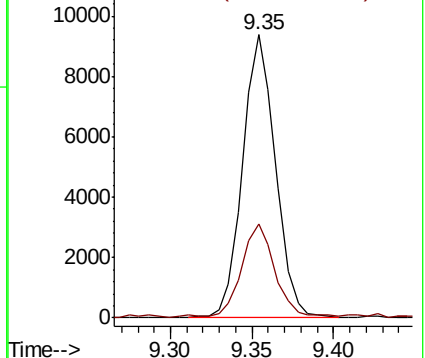
Tgt Ion: 76 Resp: 13208

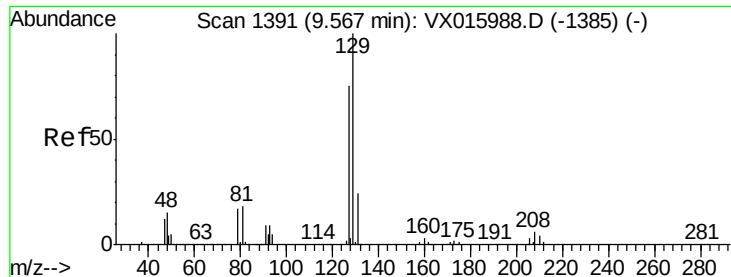
Ion	Ratio	Lower	Upper
76	100		
78	34.1	0.0	64.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

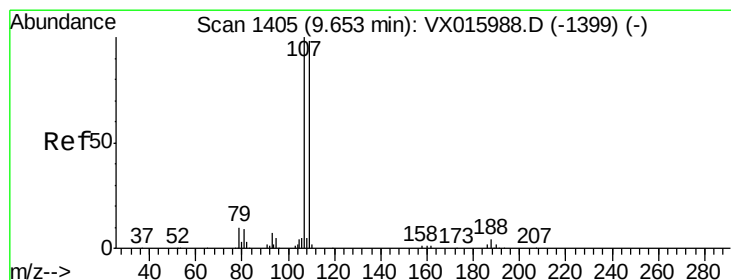
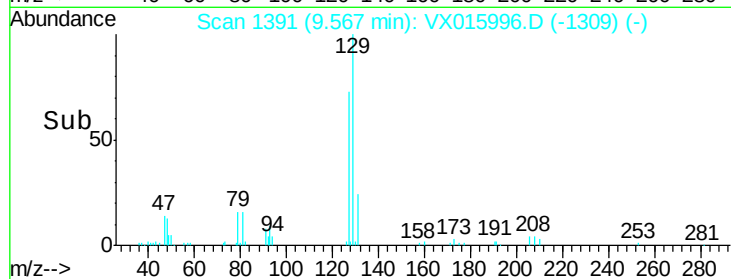
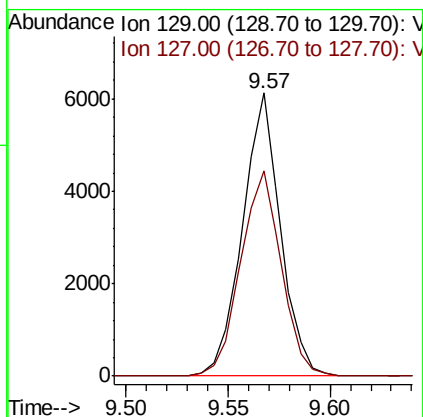
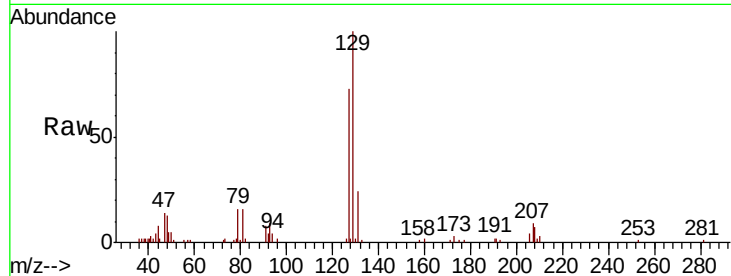




#53
 Dibromochloromethane
 Concen: 2.182 ug/l
 RT: 9.57 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX015996.D
 Acq: 30 Apr 2020 15:37

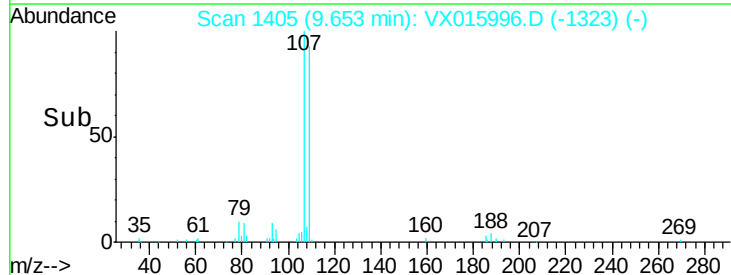
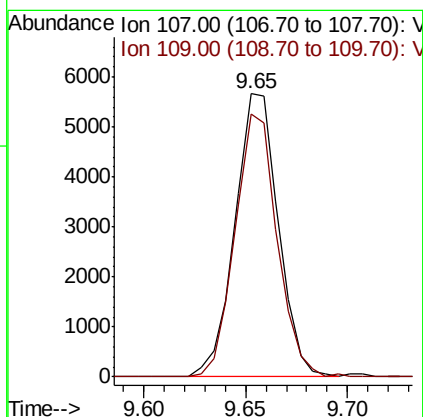
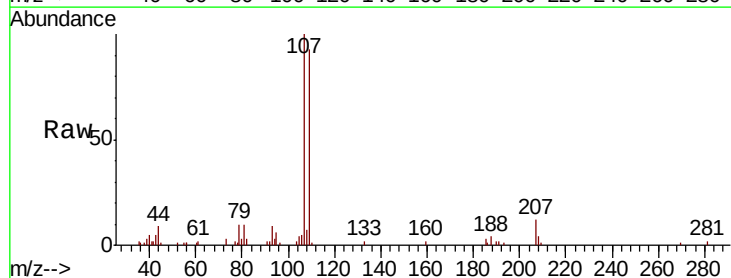
Instrument :
 MSVOA_X
 ClientSampleId :

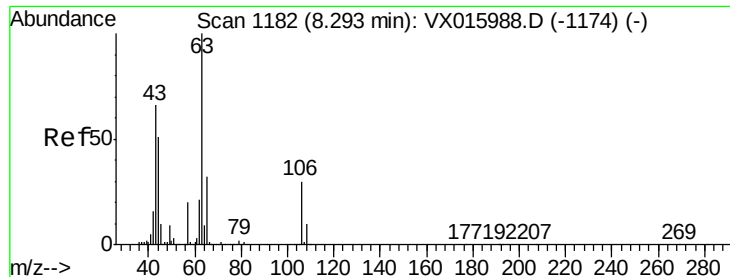
Tot Ion:129 Resp: 7938
 Ion Ratio Lower Upper
 129 100
 127 77.5 38.3 114.9



#54
 1,2-Dibromoethane
 Concen: 2.377 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX015996.D
 Acq: 30 Apr 2020 15:37

Tgt Ion:107 Resp: 8354
 Ion Ratio Lower Upper
 107 100
 109 90.1 74.7 112.1





#55

2-Chloroethyl vinyl ether

Concen: 10.546 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

ClientSampleId :

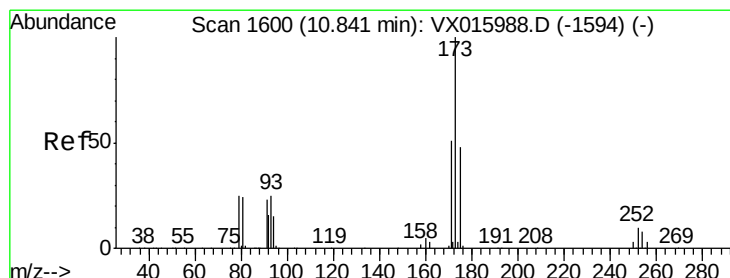
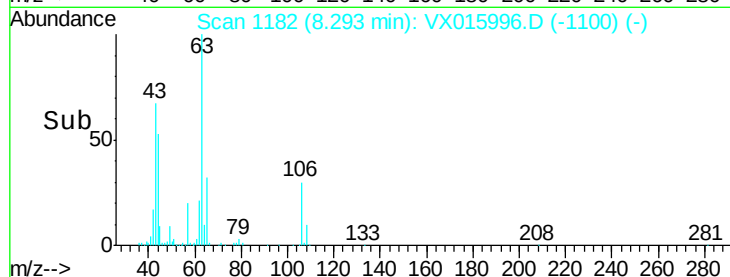
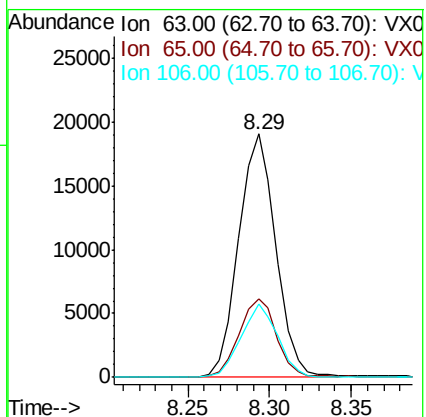
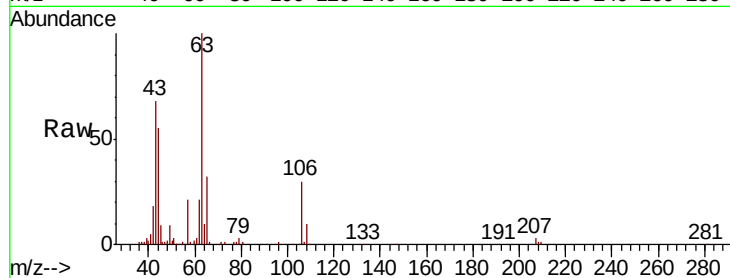
Tot Ion: 63 Resp: 30297

Ion Ratio Lower Upper

63 100

65 32.8 25.6 38.4

106 29.7 23.4 35.0



#56

Bromoform

Concen: 1.982 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

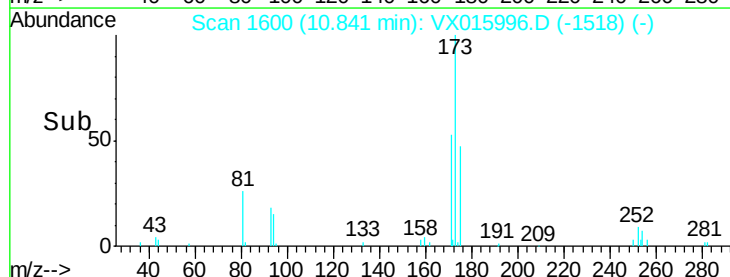
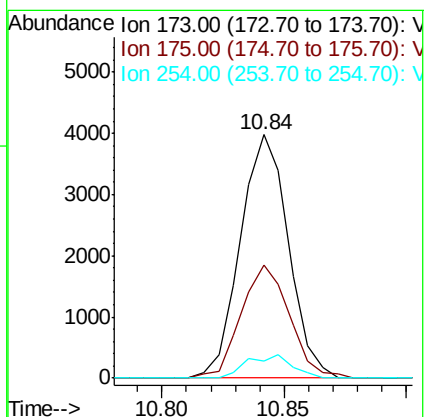
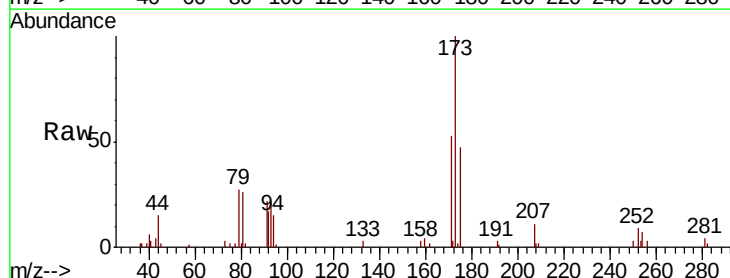
Tgt Ion: 173 Resp: 5433

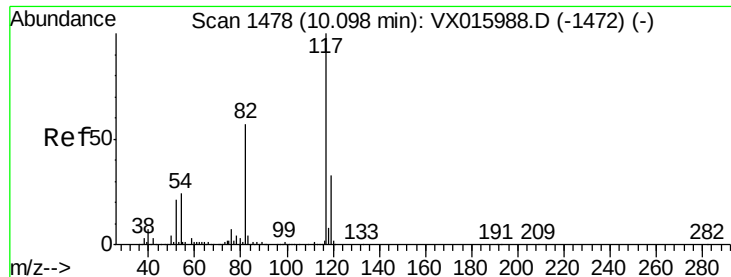
Ion Ratio Lower Upper

173 100

175 47.2 38.0 57.0

254 9.1 6.8 10.2

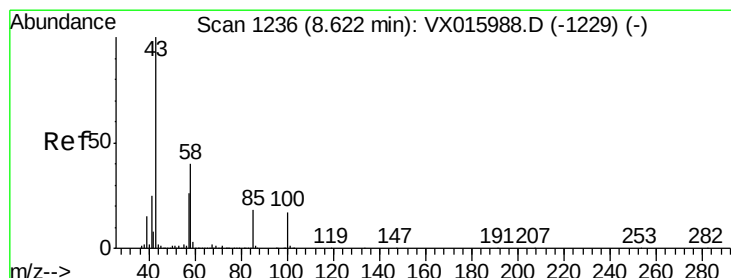
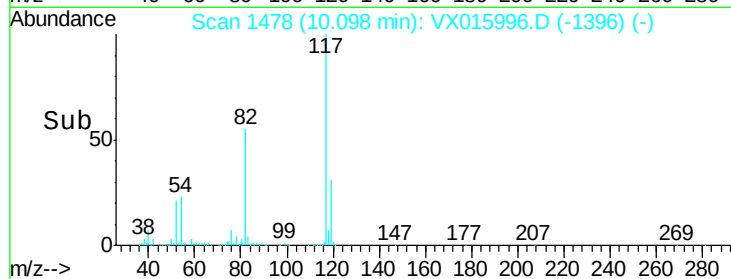
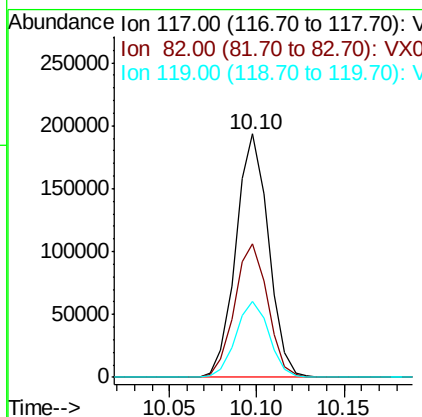
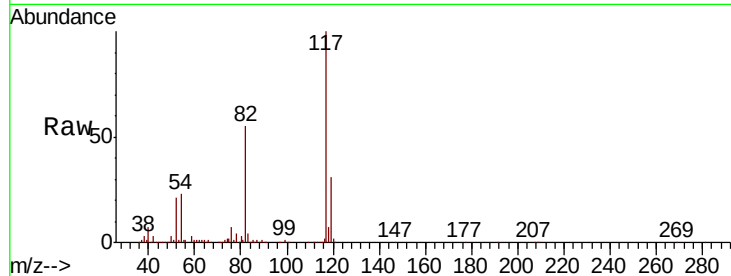




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

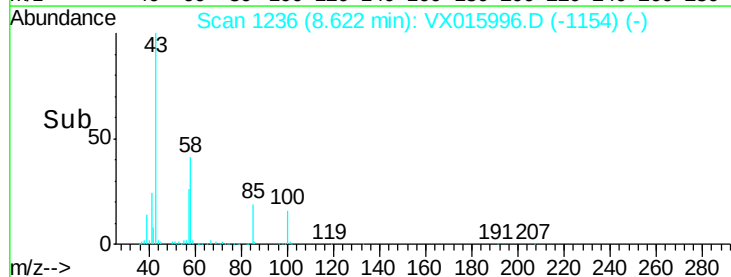
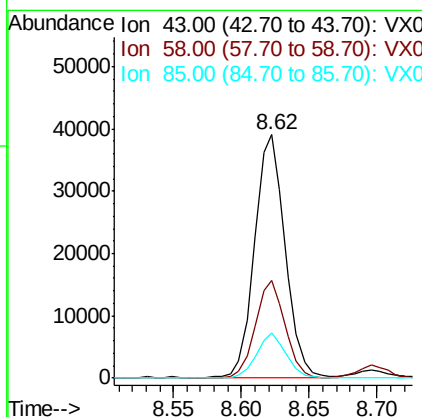
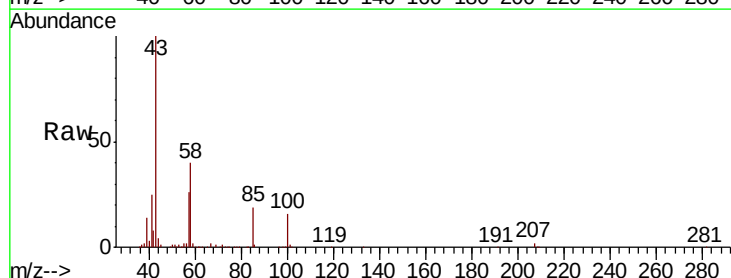
Instrument :
MSVOA_X
ClientSampled :

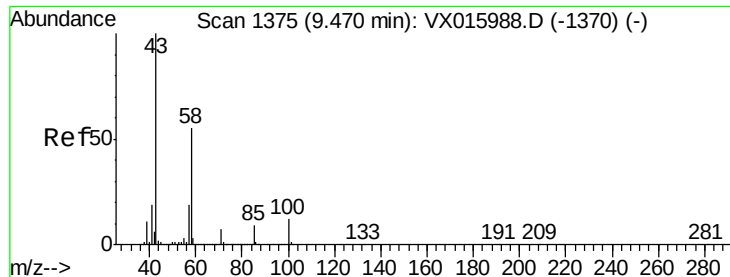
Tot Ion:117 Resp: 251041
Ion Ratio Lower Upper
117 100
82 56.1 45.1 67.7
119 31.9 25.6 38.4



#58
4-Methyl-2-Pentanone
Concen: 12.330 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

Tgt Ion: 43 Resp: 61041
Ion Ratio Lower Upper
43 100
58 39.4 31.8 47.6
85 18.0 14.5 21.7

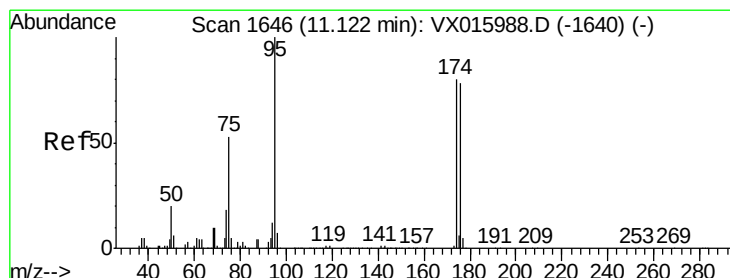
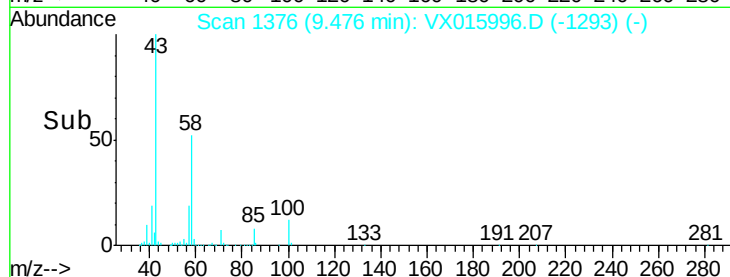
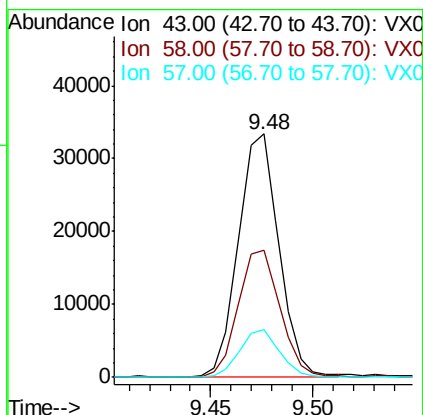
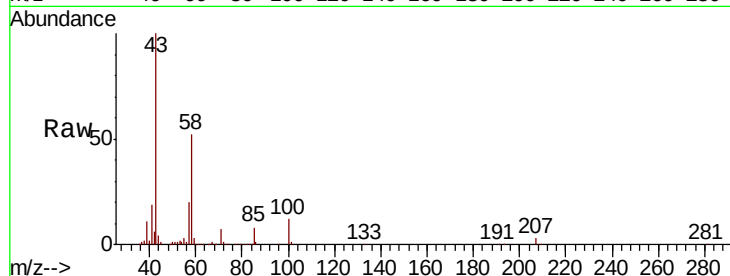




#59
2-Hexanone
Concen: 11.967 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

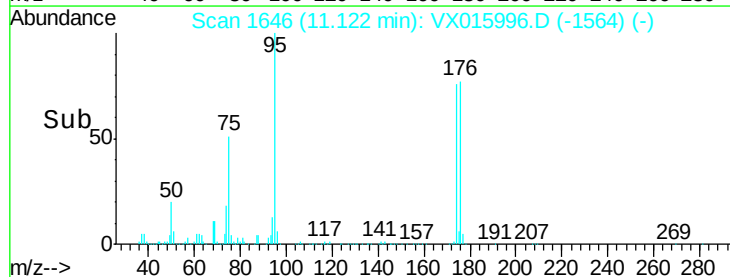
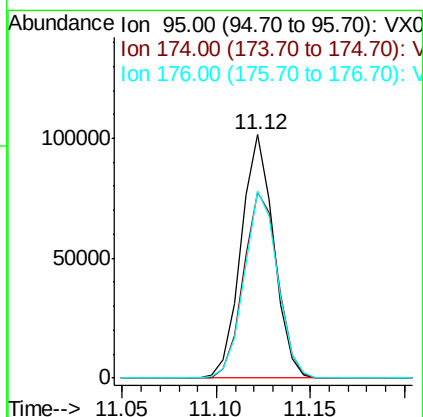
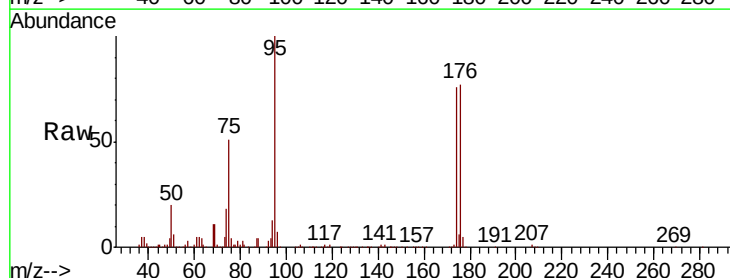
Instrument :
MSVOA_X
ClientSampled :

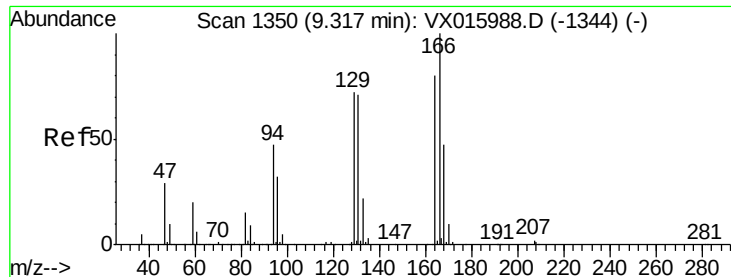
Tot Ion: 43 Resp: 45760
Ion Ratio Lower Upper
43 100
58 54.2 44.0 66.0
57 19.8 15.5 23.3



#60
4-Bromofluorobenzene
Concen: 29.044 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

Tgt Ion: 95 Resp: 122273
Ion Ratio Lower Upper
95 100
174 79.8 64.8 97.2
176 78.0 62.4 93.6





#61

Tetrachloroethene

Concen: 2.564 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 12731

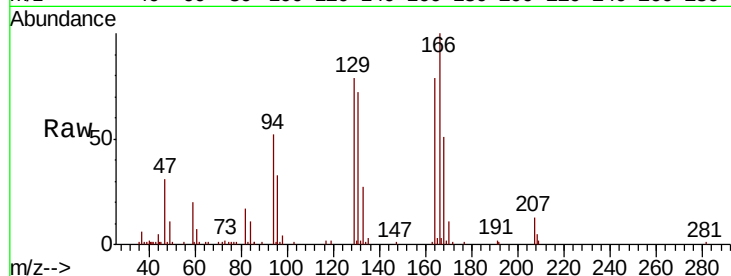
Ion Ratio Lower Upper

164 100

166 127.2 100.1 150.1

129 100.3 72.2 108.4

131 92.2 71.3 106.9

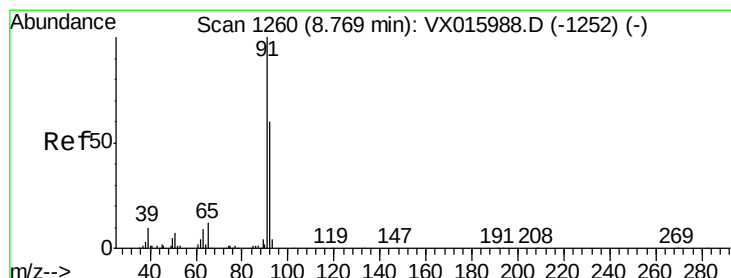
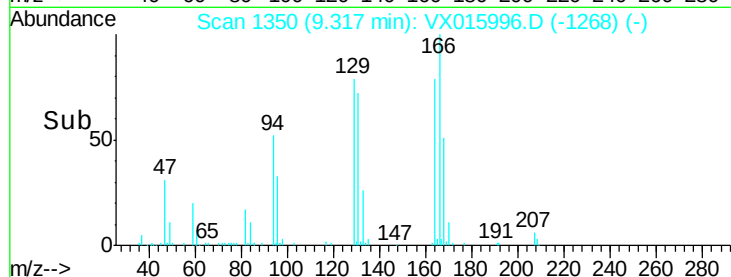
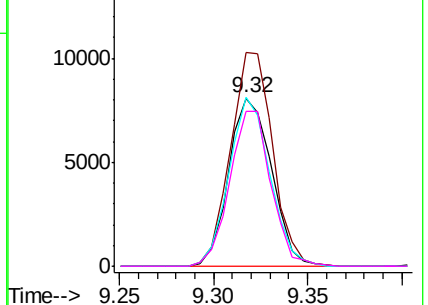


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 2.403 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX015996.D

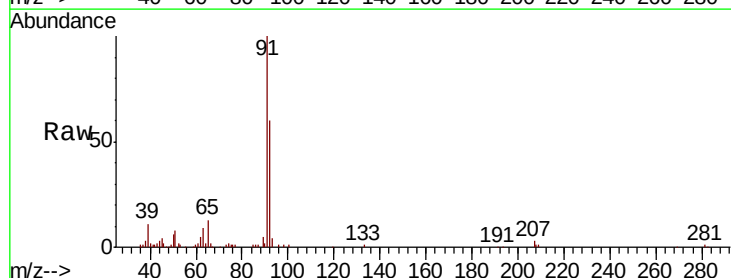
Acq: 30 Apr 2020 15:37

Tgt Ion: 91 Resp: 32227

Ion Ratio Lower Upper

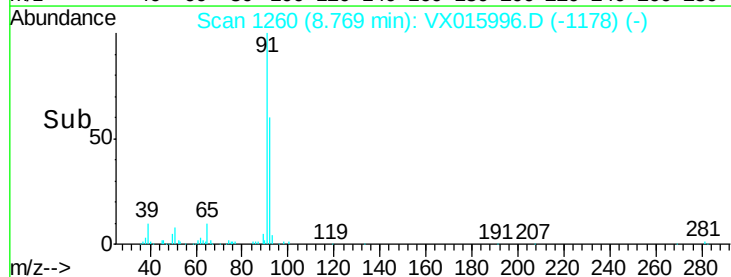
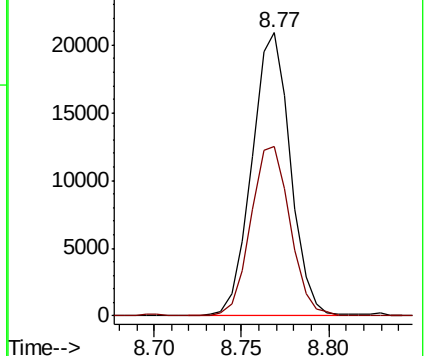
91 100

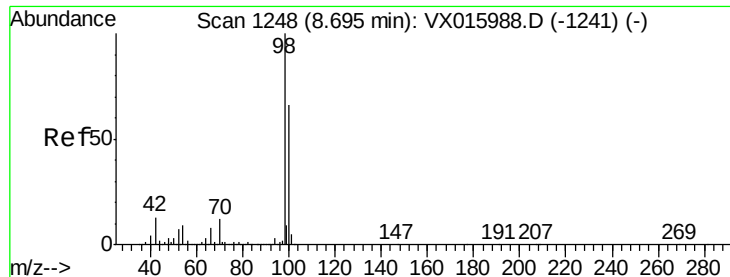
92 61.1 47.2 70.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.838 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

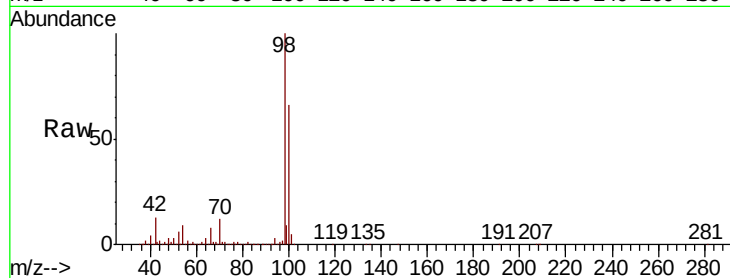
ClientSampleId :

Tot Ion: 98 Resp: 332103

Ion Ratio Lower Upper

98 100

100 65.5 52.5 78.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.70

250000

200000

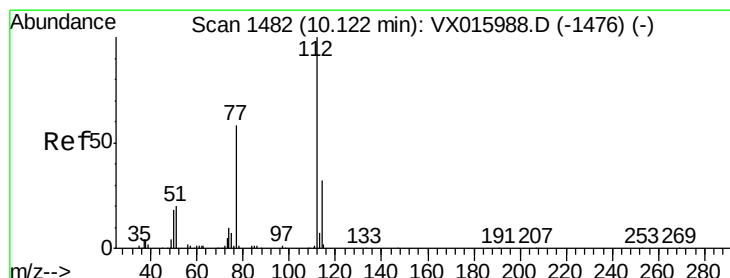
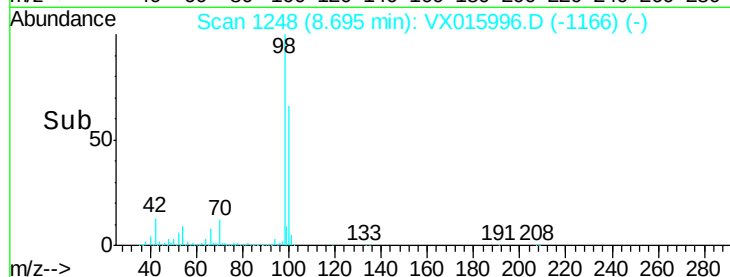
150000

100000

50000

0

Time--> 8.60 8.65 8.70 8.75



#64

Chlorobenzene

Concen: 2.420 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX015996.D

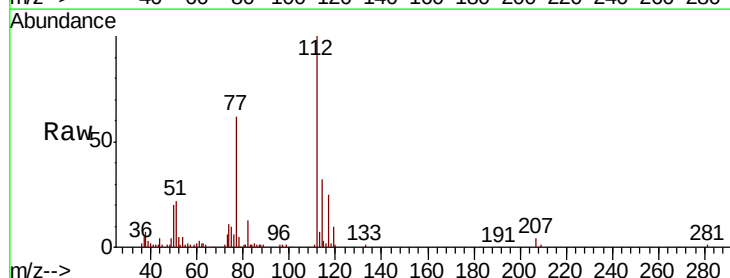
Acq: 30 Apr 2020 15:37

Tgt Ion: 112 Resp: 20662

Ion Ratio Lower Upper

112 100

114 31.6 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

10.12

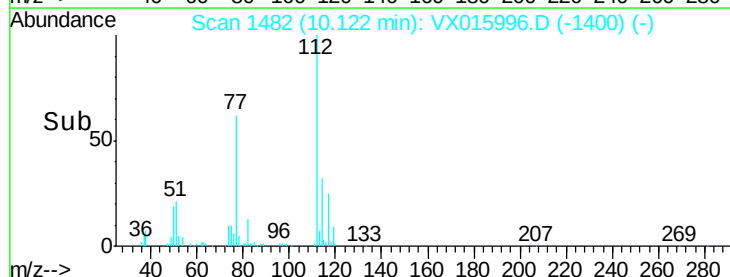
15000

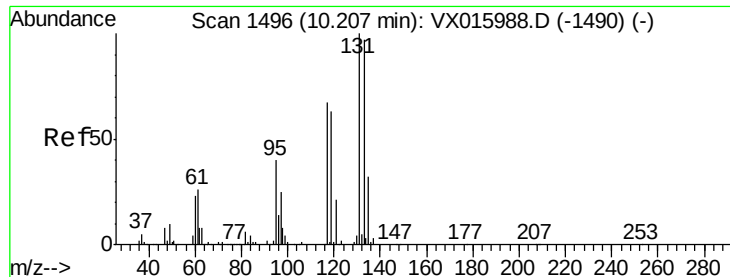
10000

5000

0

Time--> 10.10 10.15





#65

1,1,1,2-Tetrachloroethane

Concen: 2.278 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

ClientSampleId :

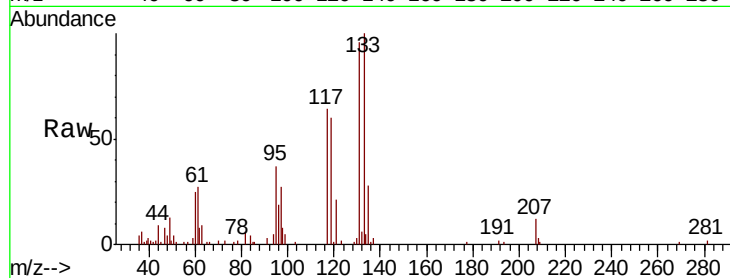
Tot Ion:131 Resp: 7384

Ion Ratio Lower Upper

131 100

133 102.0 0.0 187.0

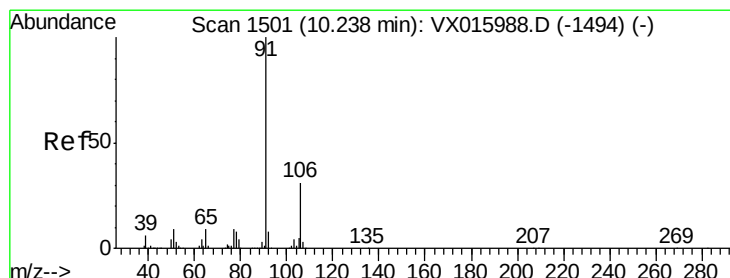
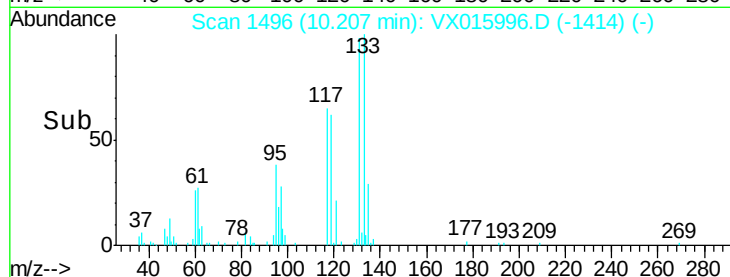
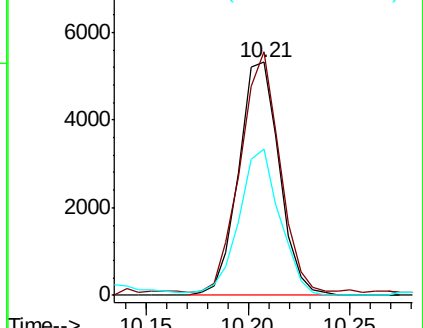
119 63.2 0.0 129.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 2.347 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX015996.D

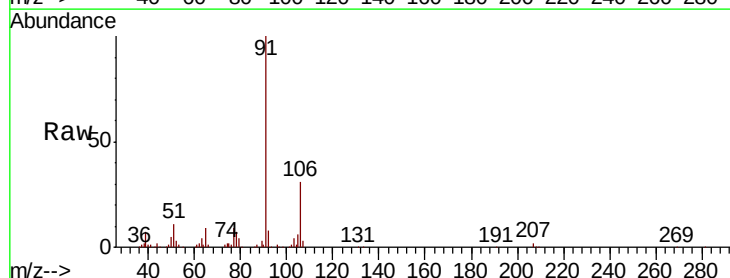
Acq: 30 Apr 2020 15:37

Tgt Ion: 91 Resp: 35849

Ion Ratio Lower Upper

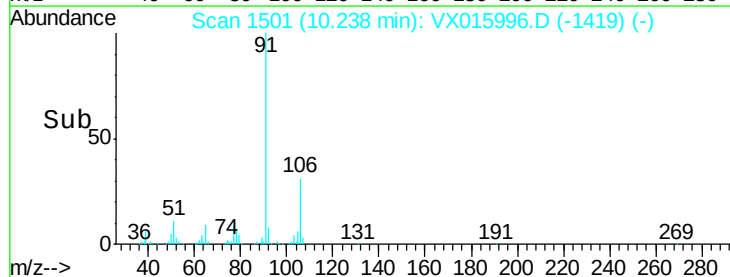
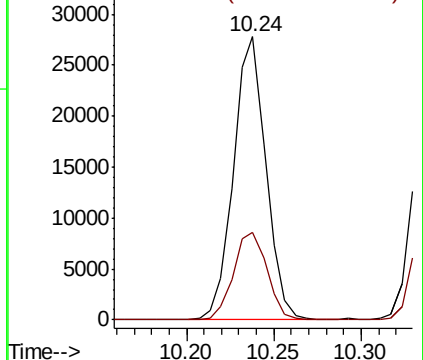
91 100

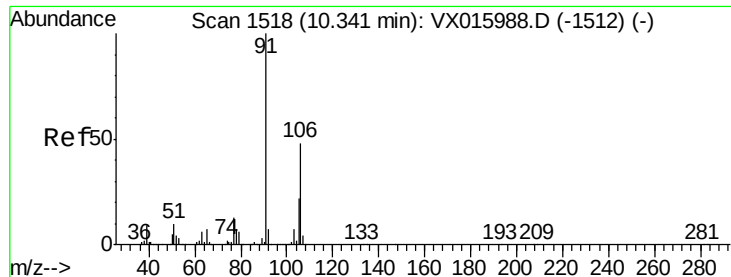
106 30.8 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 4.680 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

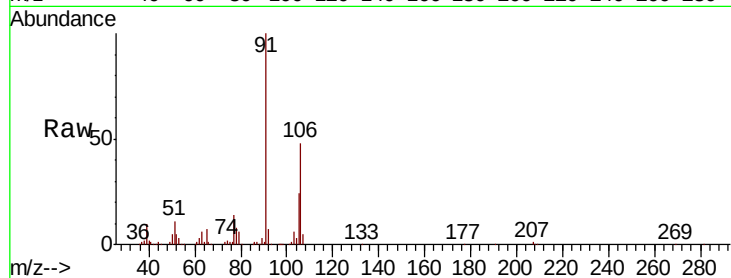
ClientSampled :

Tot Ion:106 Resp: 27226

Ion Ratio Lower Upper

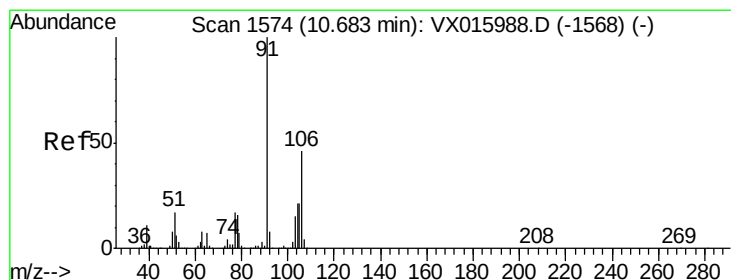
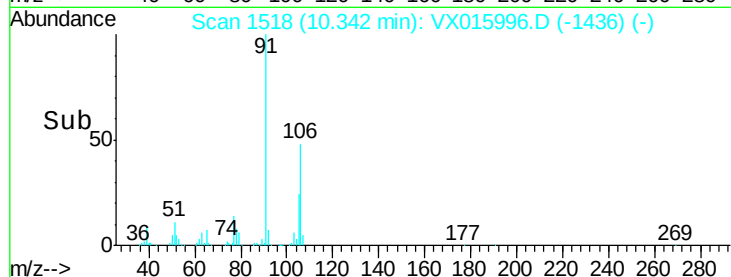
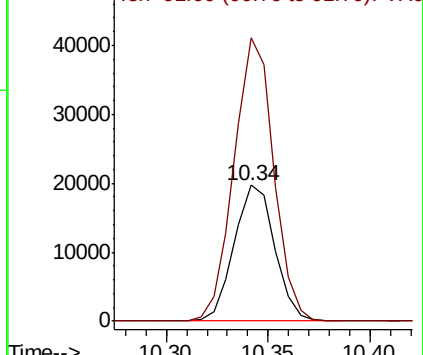
106 100

91 203.6 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 2.373 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX015996.D

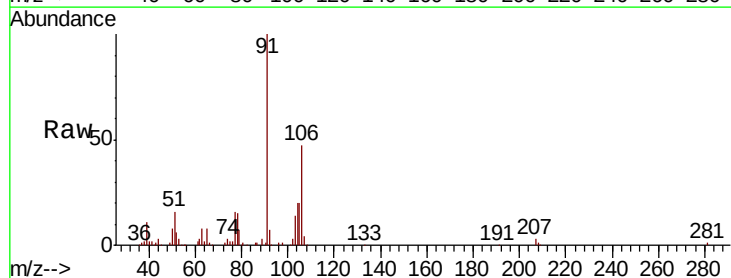
Acq: 30 Apr 2020 15:37

Tgt Ion:106 Resp: 13311

Ion Ratio Lower Upper

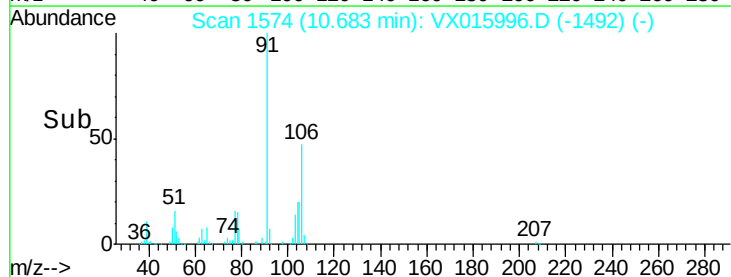
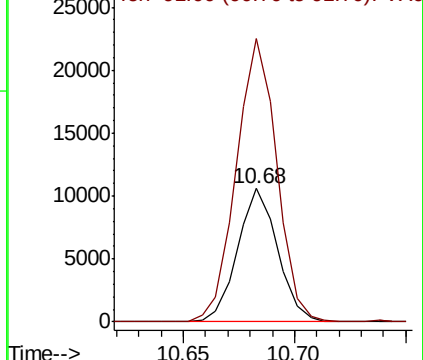
106 100

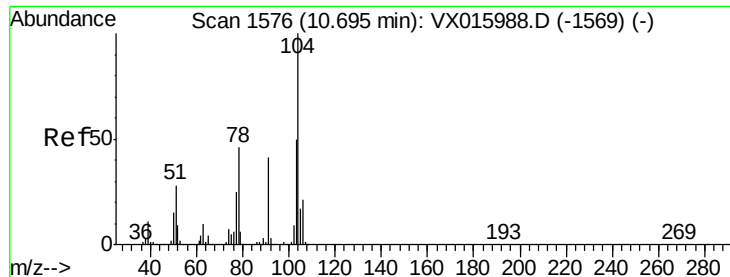
91 214.4 108.3 325.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

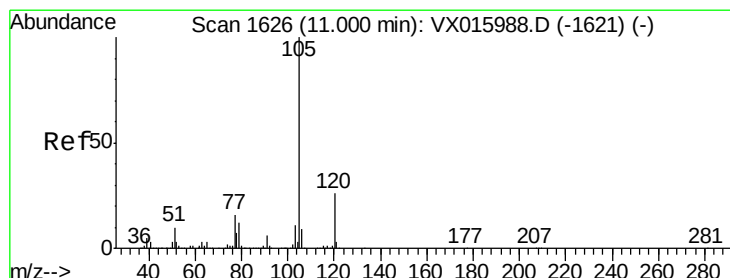
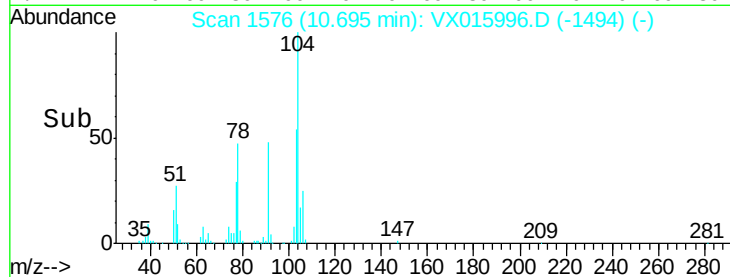
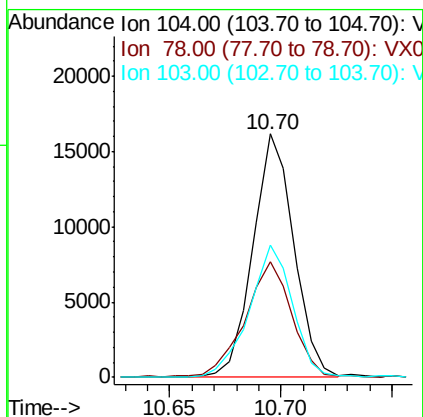
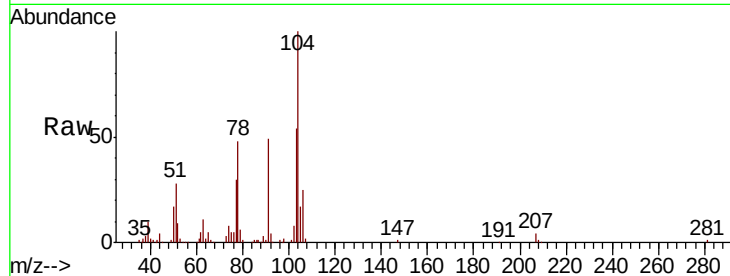




#69
Stvrene
Concen: 2.160 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

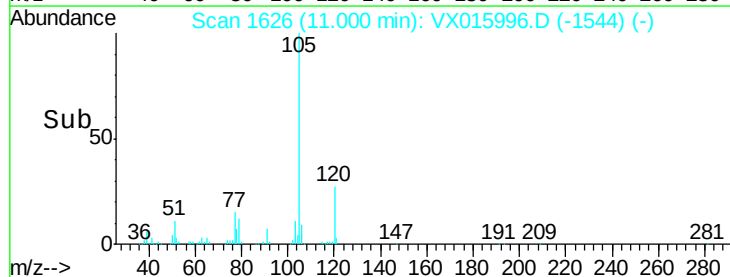
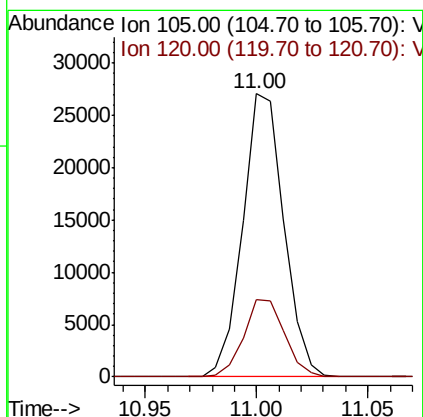
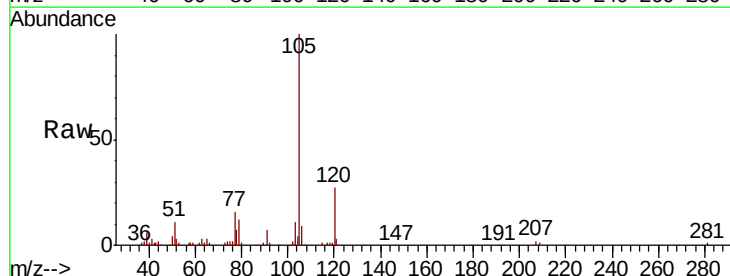
Instrument :
MSVOA_X
ClientSampleId :

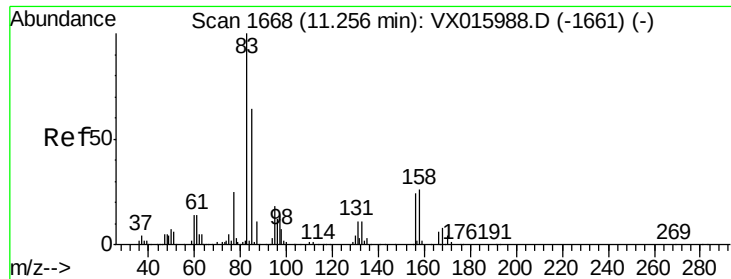
Tot Ion:104 Resp: 20742
Ion Ratio Lower Upper
104 100
78 54.1 40.7 61.1
103 57.9 43.0 64.4



#70
Isopropylbenzene
Concen: 2.313 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

Tgt Ion:105 Resp: 35028
Ion Ratio Lower Upper
105 100
120 27.4 18.6 34.5

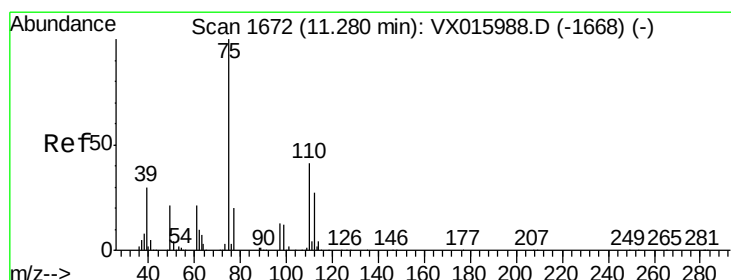
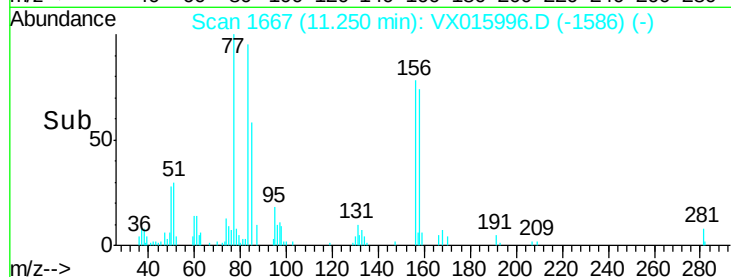
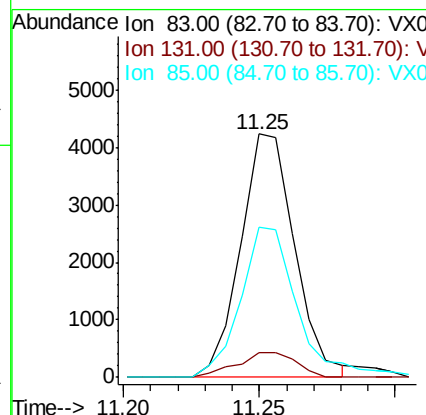
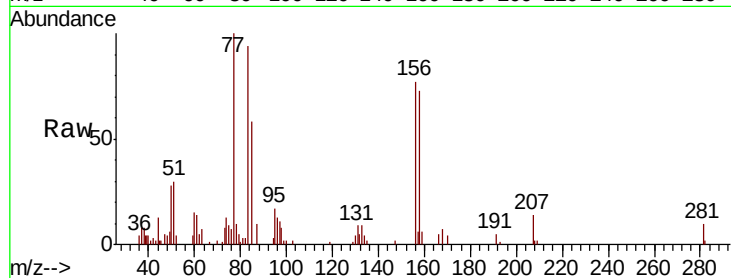




#71
 1,1,2,2-Tetrachloroethane
 Concen: 2.073 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: VX015996.D
 Acq: 30 Apr 2020 15:37

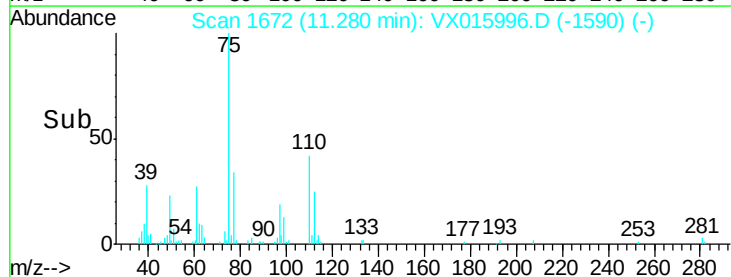
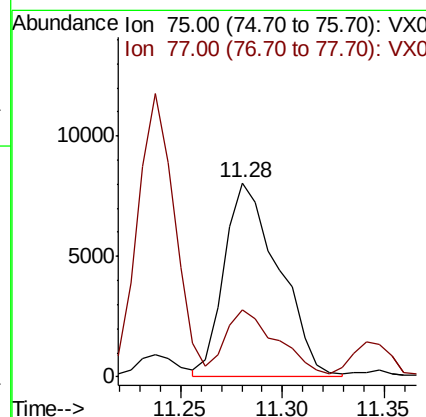
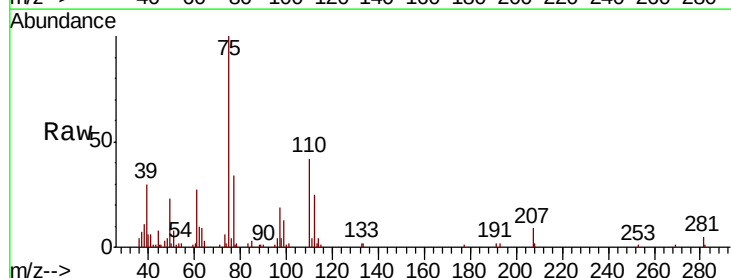
Instrument :
 MSVOA_X
 ClientSampleId :

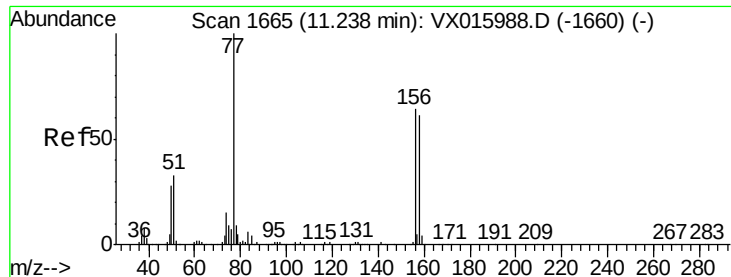
Tot Ion: 83 Resp: 5838
 Ion Ratio Lower Upper
 83 100
 131 11.3 5.2 15.6
 85 65.2 33.0 98.9



#72
 1,2,3-Trichloropropane
 Concen: 3.284 ug/l
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX015996.D
 Acq: 30 Apr 2020 15:37

Tgt Ion: 75 Resp: 14976
 Ion Ratio Lower Upper
 75 100
 77 33.1 0.0 86.0





#73

Bromobenzene

Concen: 2.364 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

ClientSampleId :

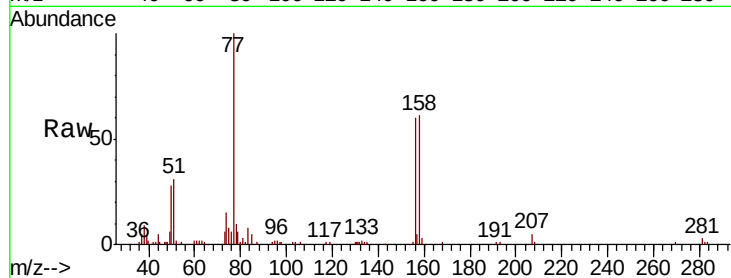
Tot Ion:156 Resp: 9023

Ion Ratio Lower Upper

156 100

77 165.6 0.0 318.0

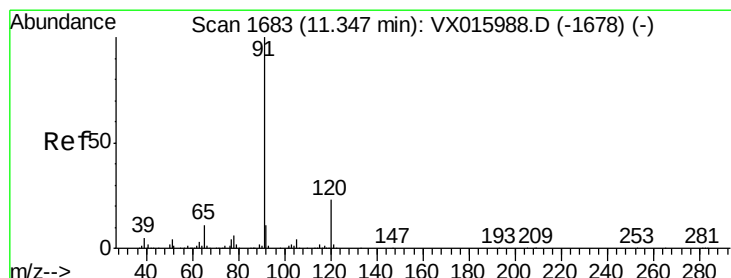
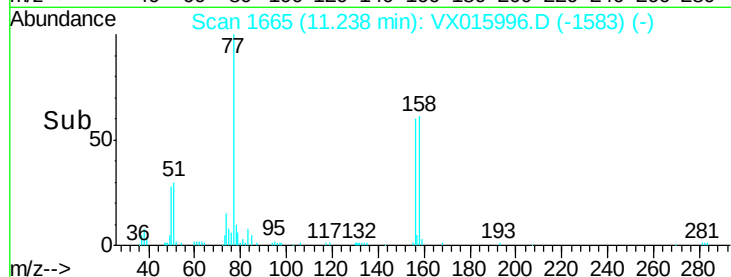
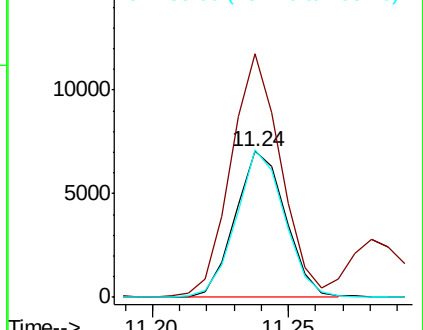
158 97.6 0.0 193.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 2.312 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VX015996.D

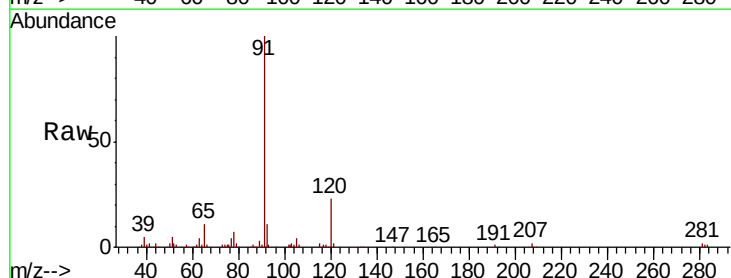
Acq: 30 Apr 2020 15:37

Tgt Ion: 91 Resp: 40678

Ion Ratio Lower Upper

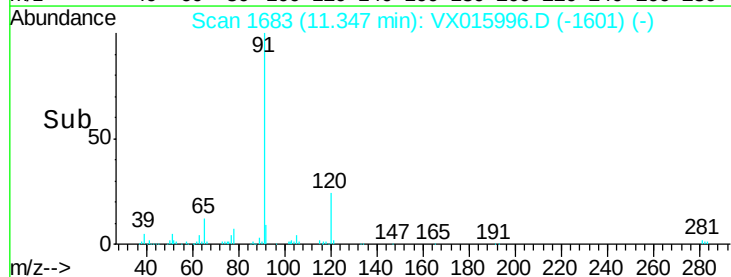
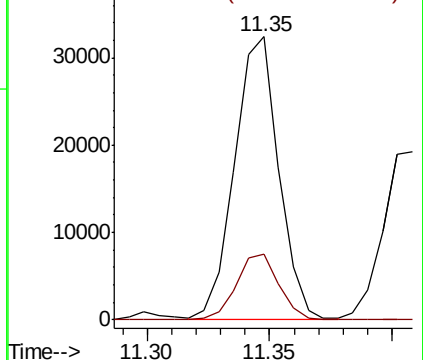
91 100

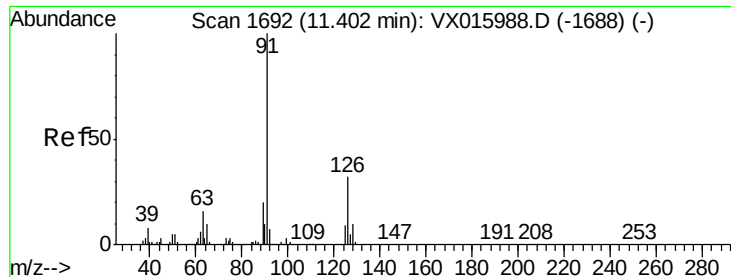
120 22.4 0.0 45.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

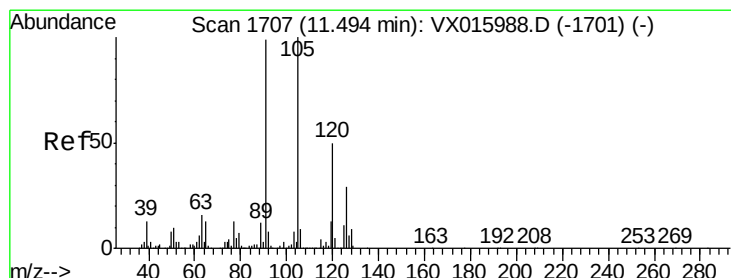
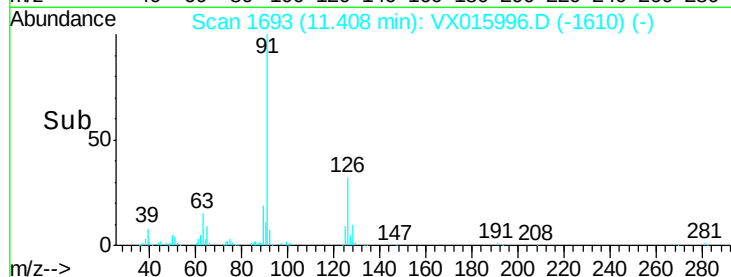
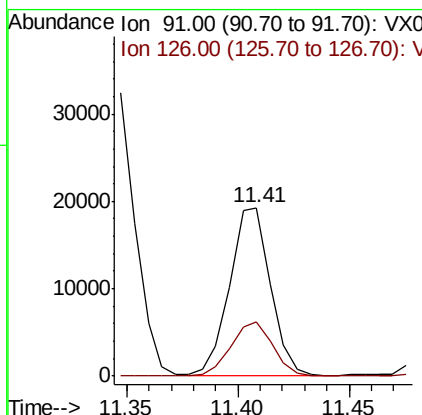
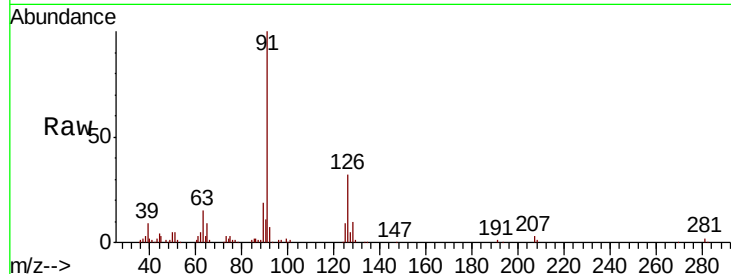




#75
2-Chlorotoluene
Concen: 2.397 ug/l
RT: 11.41 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

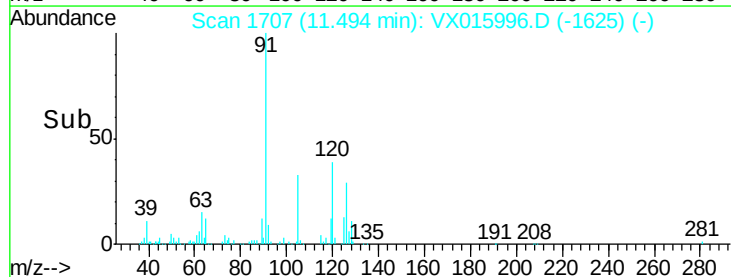
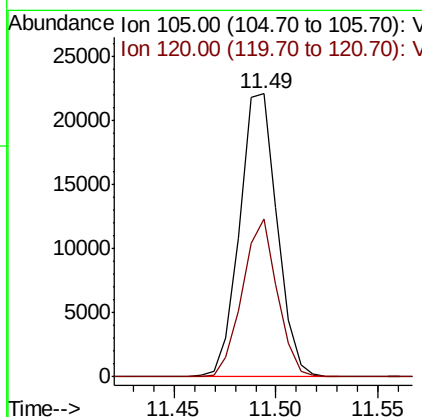
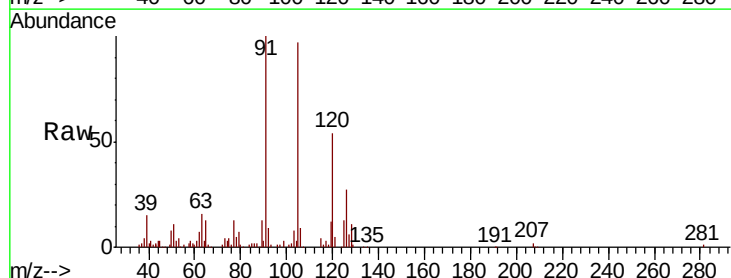
Instrument :
MSVOA_X
ClientSampleId :

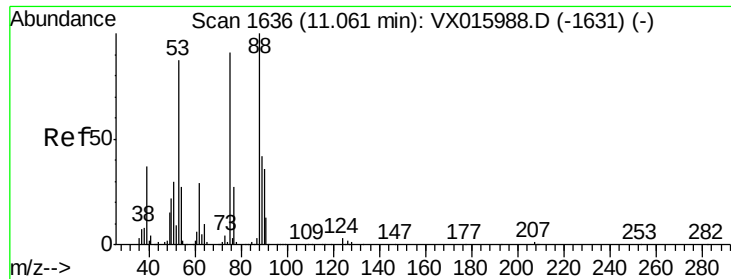
Tot Ion: 91 Resp: 24777
Ion Ratio Lower Upper
91 100
126 32.6 0.0 66.2



#76
1,3,5-Trimethylbenzene
Concen: 2.200 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

Tgt Ion: 105 Resp: 28281
Ion Ratio Lower Upper
105 100
120 51.7 0.0 99.4





#77

t-1,4-Dichloro-2-butene

Concen: 2.240 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

ClientSampled :

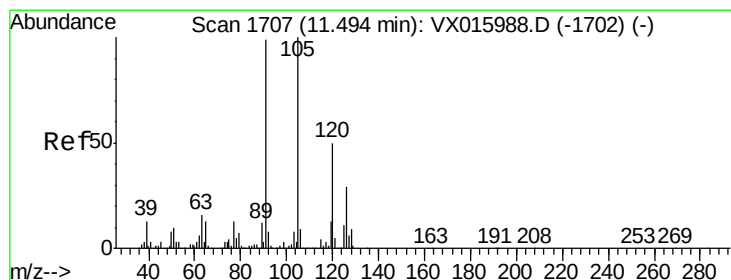
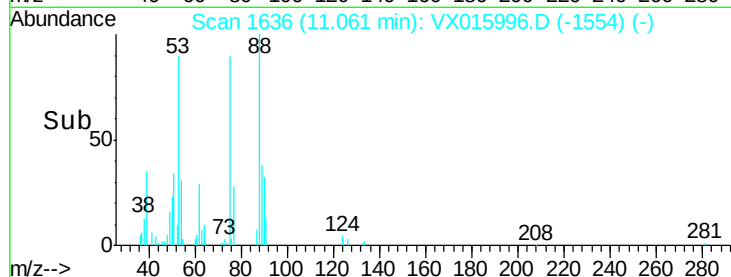
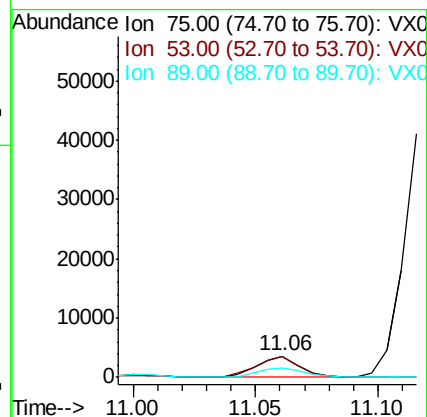
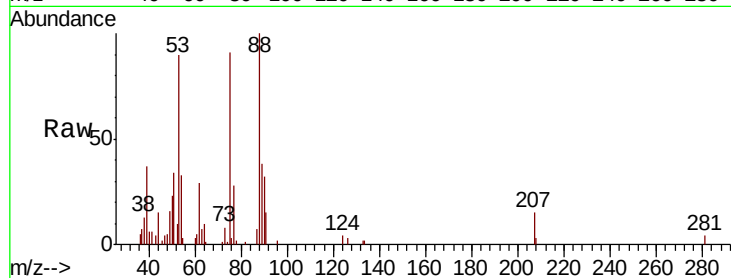
Tot Ion: 75 Resp: 4393

Ion Ratio Lower Upper

75 100

53 98.6 48.0 144.2

89 41.5 23.4 70.3



#78

4-Chlorotoluene

Concen: 2.379 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX015996.D

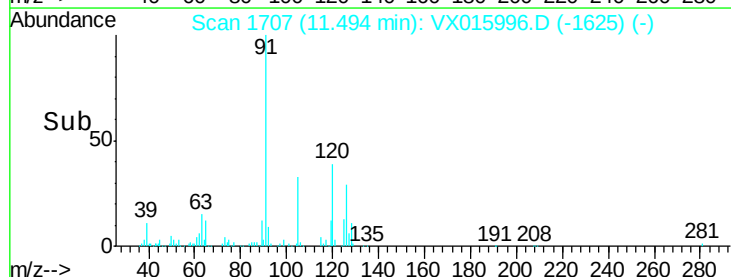
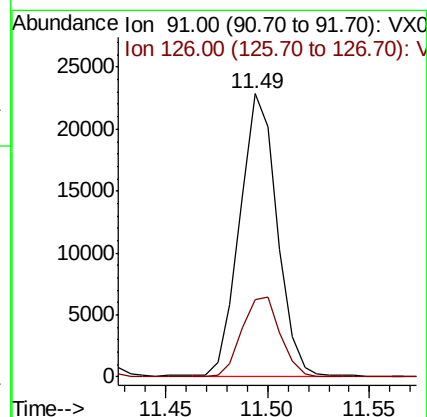
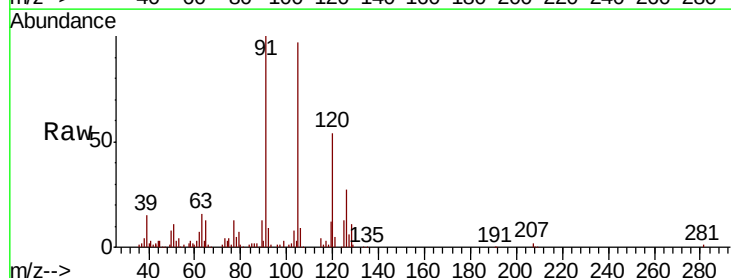
Acq: 30 Apr 2020 15:37

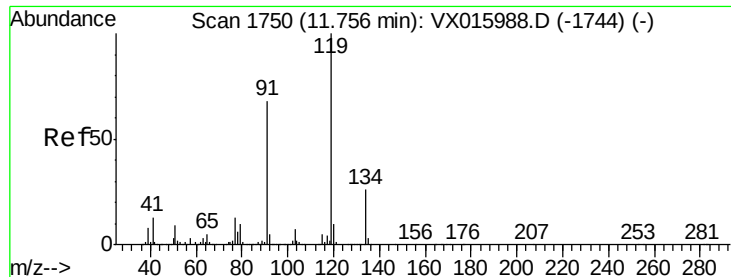
Tgt Ion: 91 Resp: 29116

Ion Ratio Lower Upper

91 100

126 29.2 0.0 58.4

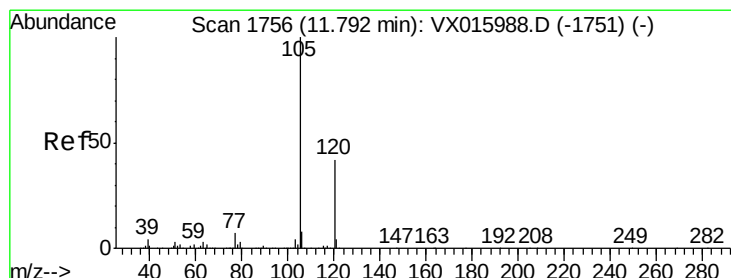
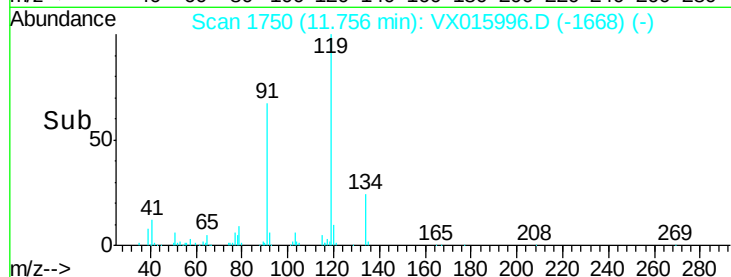
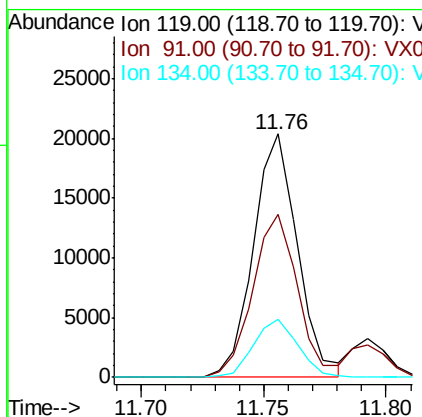
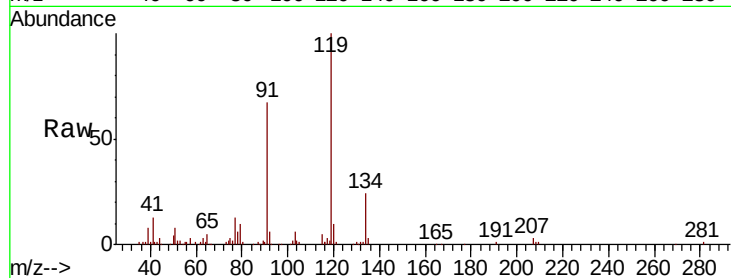




#79
tert-butylbenzene
Concen: 2.316 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

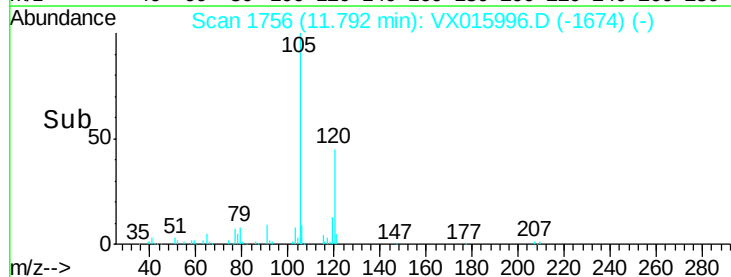
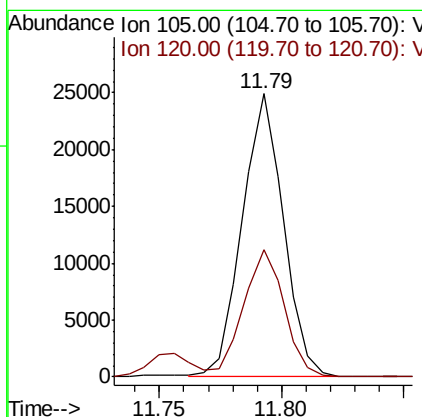
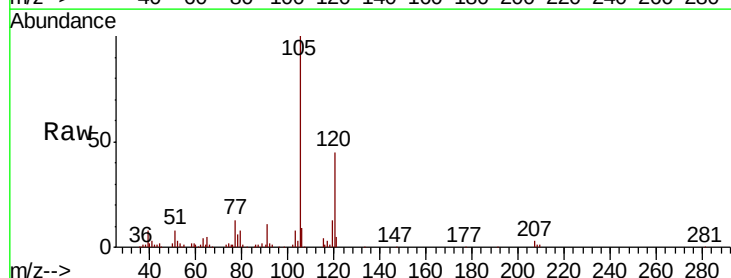
Instrument :
MSVOA_X
ClientSampleId :

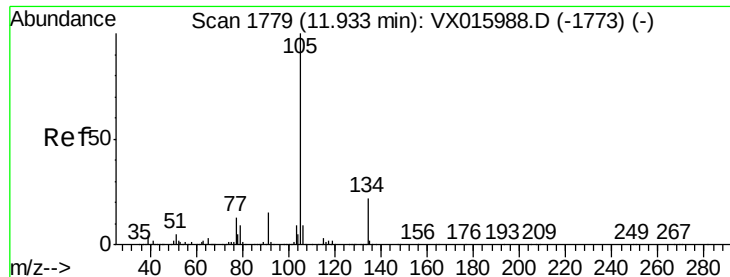
Tot Ion:119 Resp: 25432
Ion Ratio Lower Upper
119 100
91 67.5 0.0 135.6
134 24.0 0.0 51.0



#80
1,2,4-Trimethylbenzene
Concen: 2.272 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX015996.D
Acq: 30 Apr 2020 15:37

Tgt Ion:105 Resp: 29186
Ion Ratio Lower Upper
105 100
120 44.7 0.0 91.0

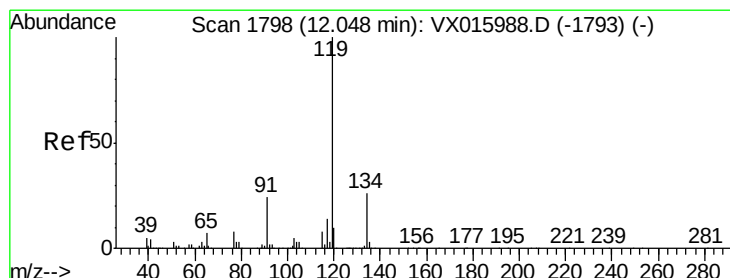
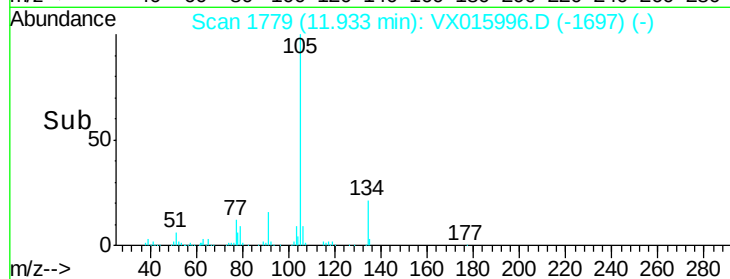
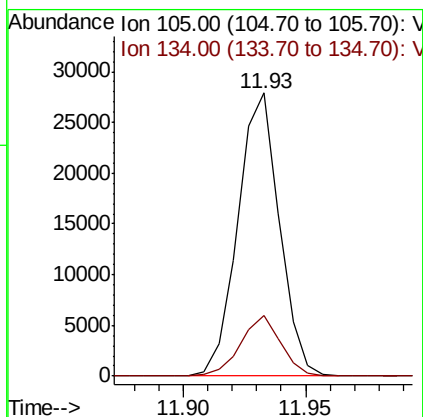
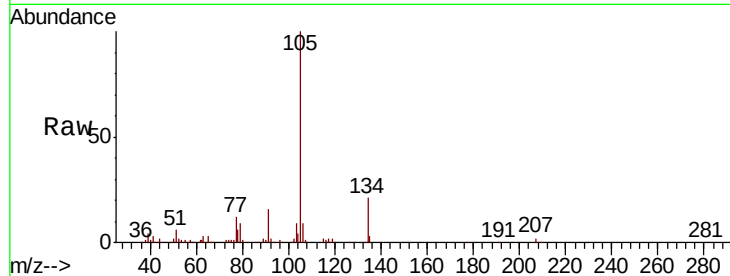




#81
 sec-Butylbenzene
 Concen: 2.214 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX015996.D
 Acq: 30 Apr 2020 15:37

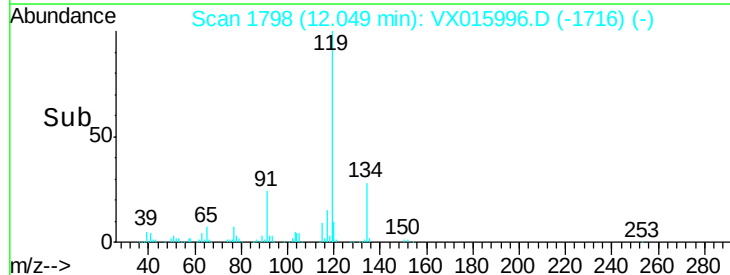
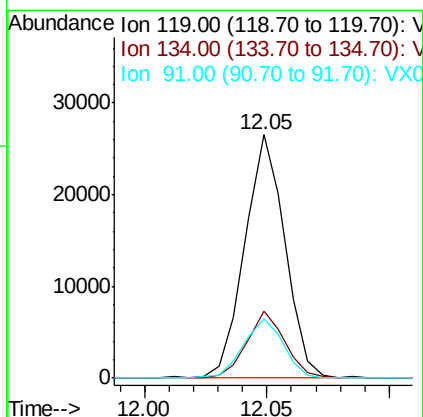
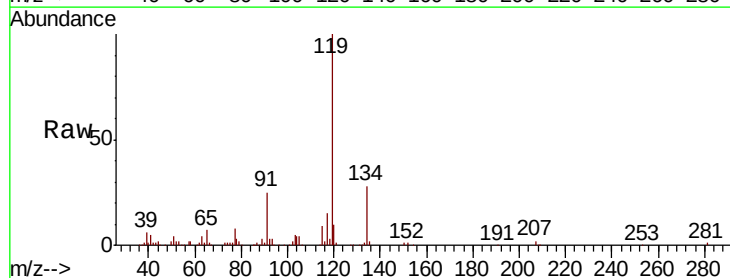
Instrument :
 MSVOA_X
 ClientSampleId :

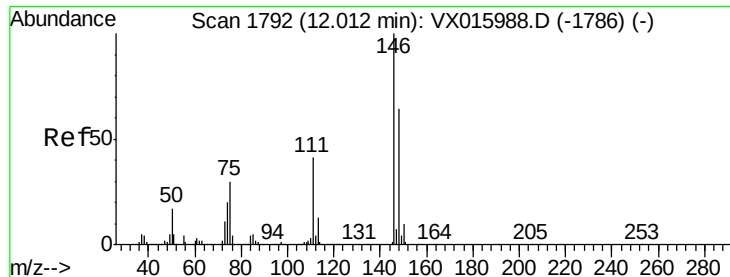
Tot Ion:105 Resp: 32785
 Ion Ratio Lower Upper
 105 100
 134 21.0 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 2.215 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX015996.D
 Acq: 30 Apr 2020 15:37

Tgt Ion:119 Resp: 30406
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 52.6
 91 24.5 0.0 47.6





#83

1,3-Dichlorobenzene

Concen: 2.385 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

ClientSampled :

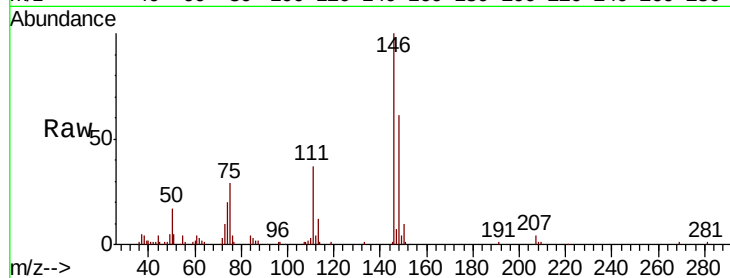
Tot Ion:146 Resp: 16413

Ion Ratio Lower Upper

146 100

111 41.3 20.4 61.3

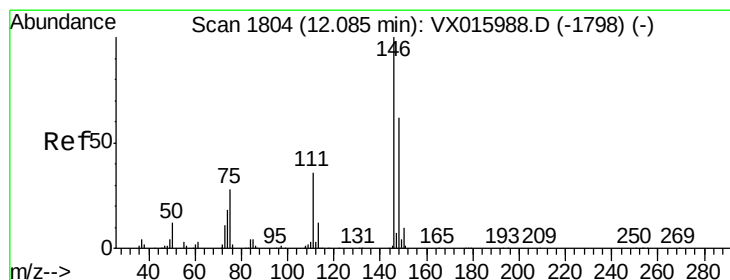
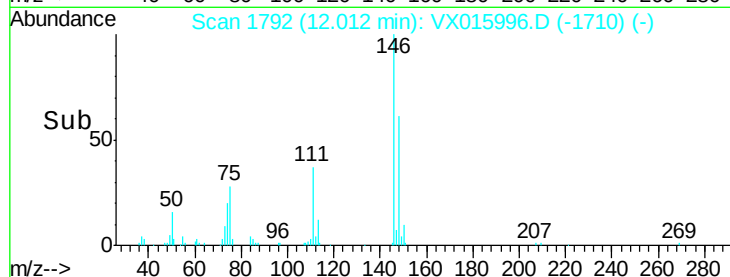
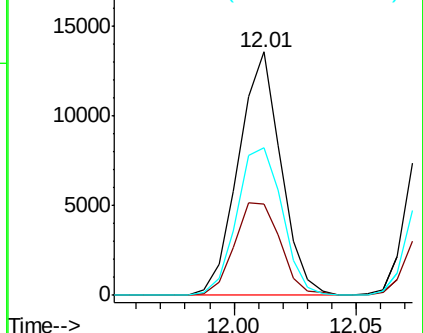
148 65.0 31.9 95.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 2.457 ug/l

RT: 12.09 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

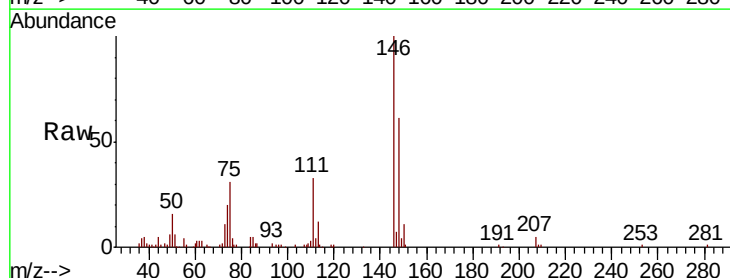
Tgt Ion:146 Resp: 16801

Ion Ratio Lower Upper

146 100

111 37.8 19.7 59.0

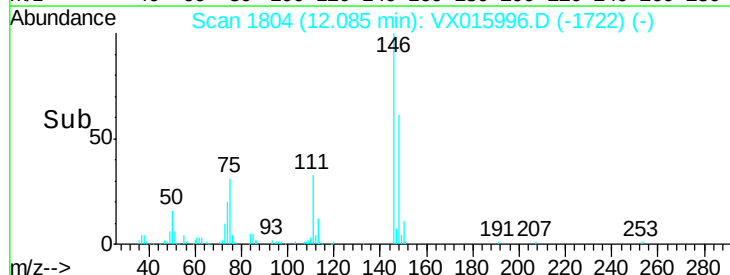
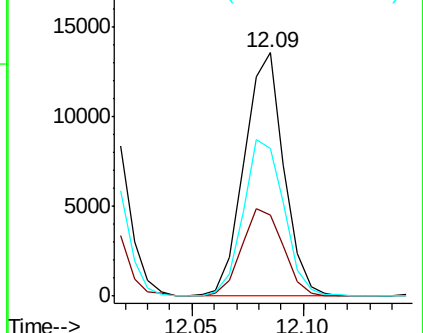
148 66.2 32.0 96.0

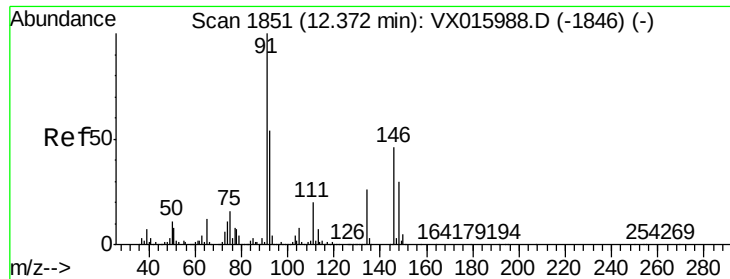


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#85

n-Butylbenzene

Concen: 2.192 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

ClientSampleId :

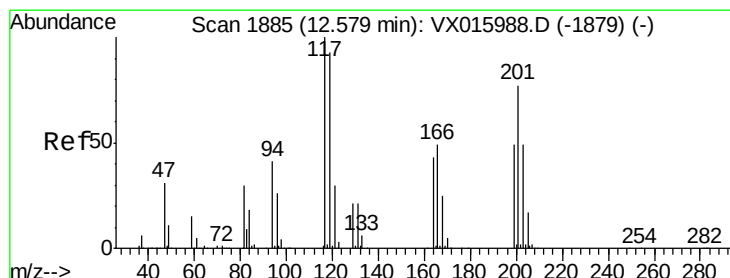
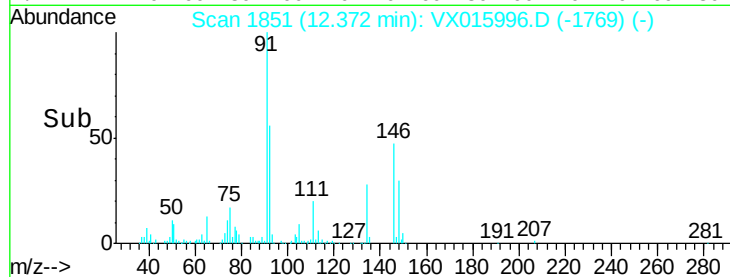
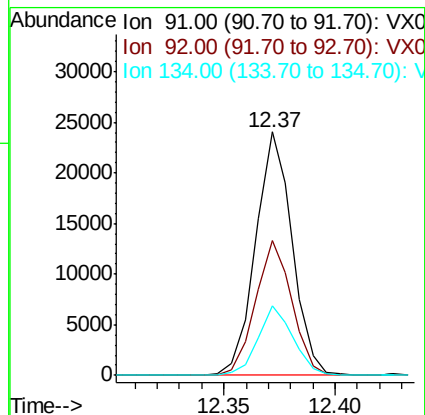
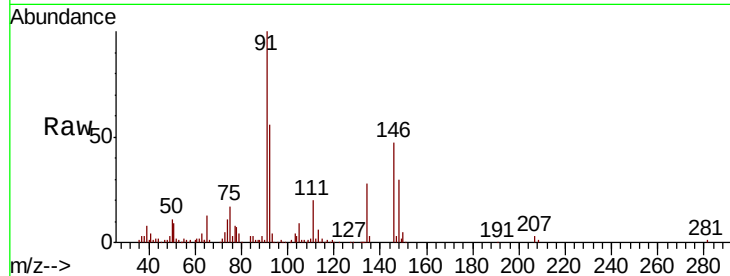
Tot Ion: 91 Resp: 27487

Ion Ratio Lower Upper

91 100

92 55.1 0.0 110.2

134 27.3 0.0 53.4



#86

Hexachloroethane

Concen: 2.129 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015996.D

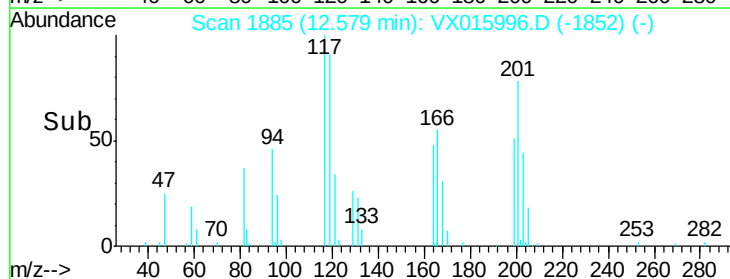
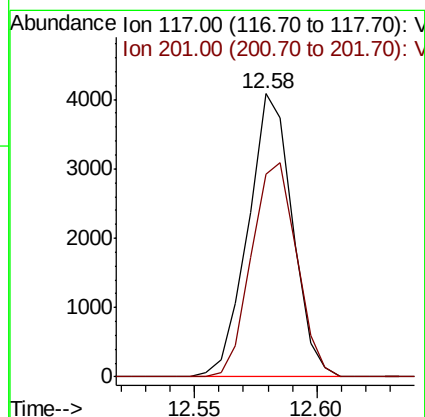
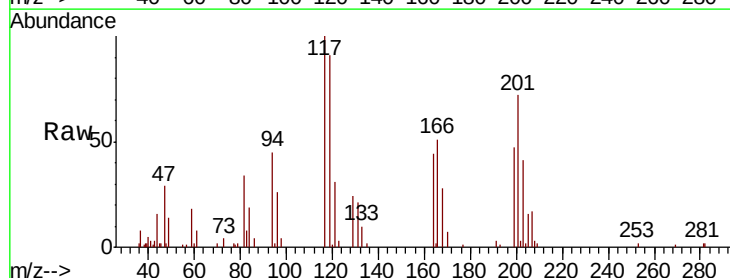
Acq: 30 Apr 2020 15:37

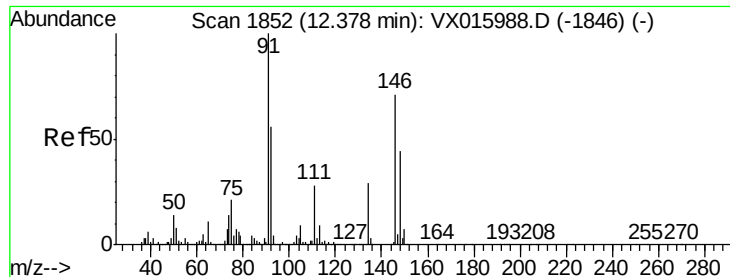
Tgt Ion: 117 Resp: 5144

Ion Ratio Lower Upper

117 100

201 77.4 40.1 120.2

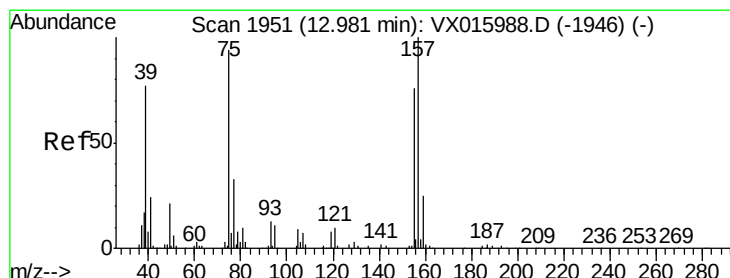
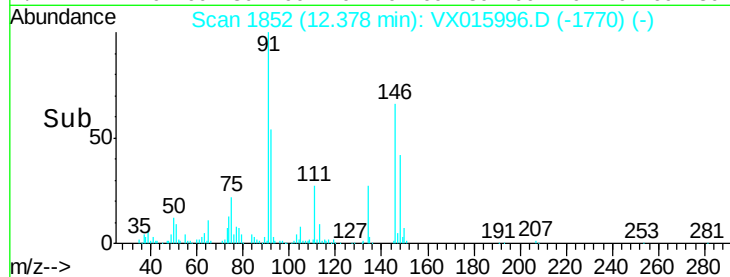
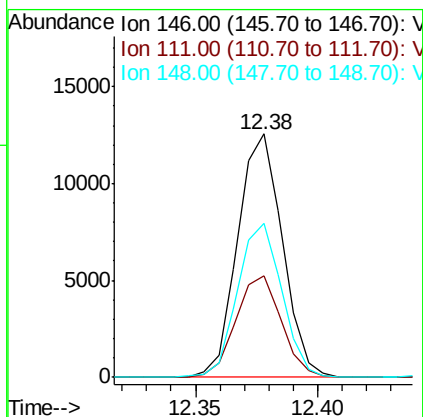
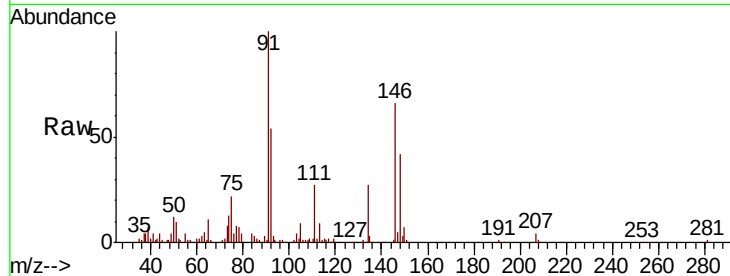




#87
 1,2-Dichlorobenzene
 Concen: 2.399 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX015996.D
 Acq: 30 Apr 2020 15:37

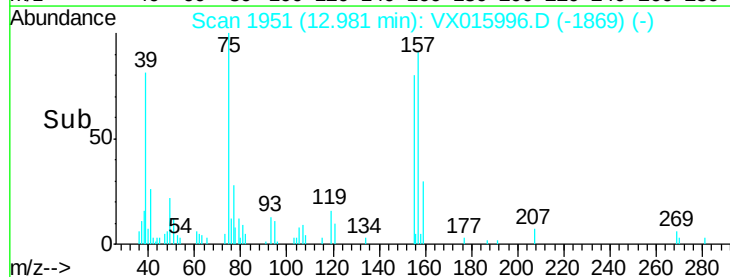
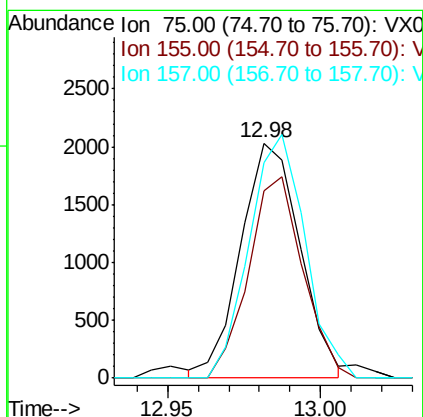
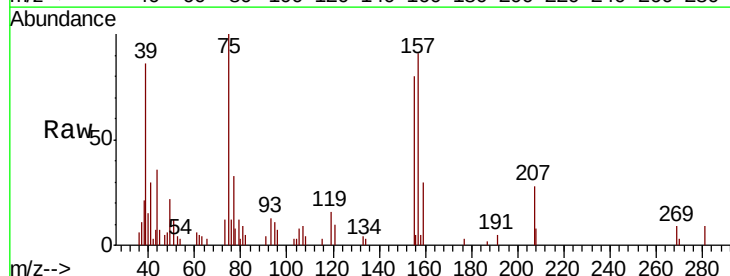
Instrument :
 MSVOA_X
 ClientSampled :

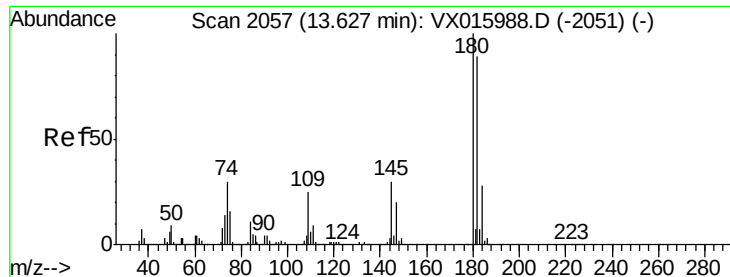
Tot Ion:146 Resp: 15965
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.7 62.1
 148 62.9 32.0 96.2



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 2.319 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX015996.D
 Acq: 30 Apr 2020 15:37

Tgt Ion: 75 Resp: 2733
 Ion Ratio Lower Upper
 75 100
 155 78.7 66.9 100.3
 157 97.7 88.2 132.2

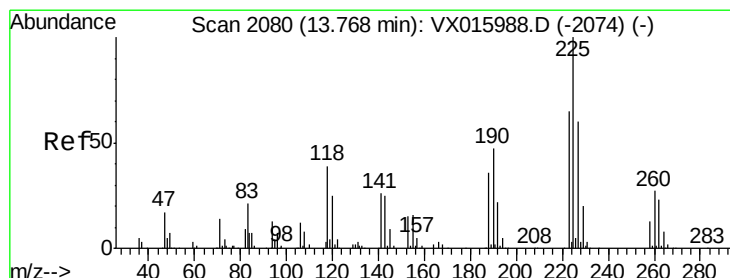
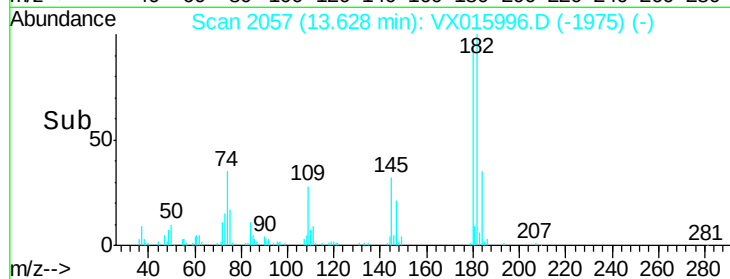
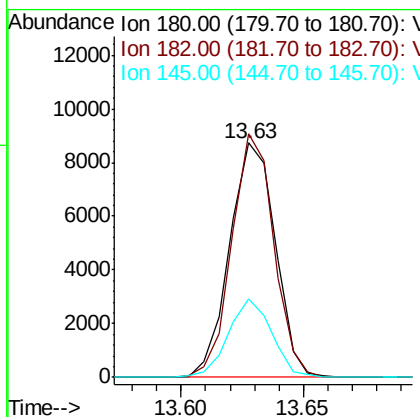
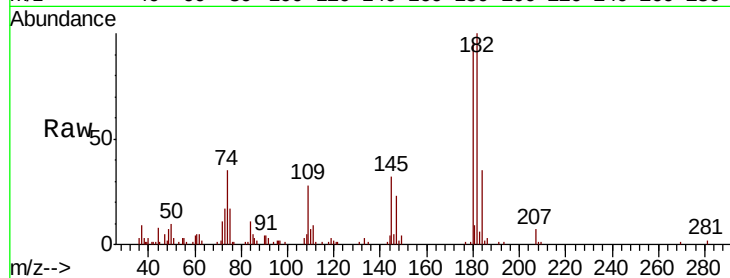




#89
 1,2,4-Trichlorobenzene
 Concen: 2.313 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX015996.D
 Acq: 30 Apr 2020 15:37

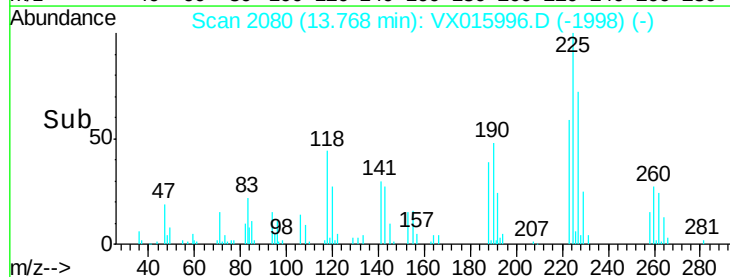
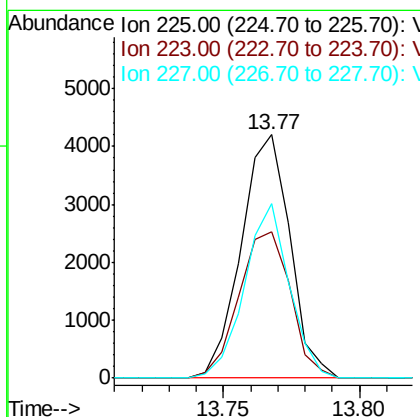
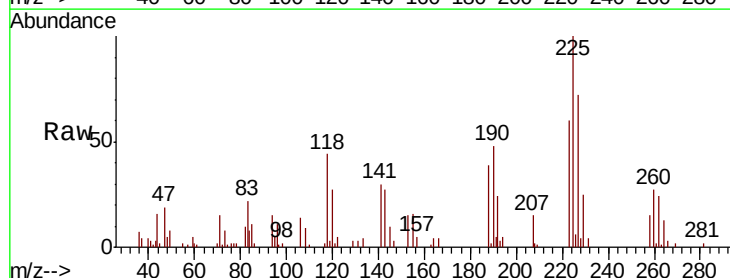
Instrument :
 MSVOA_X
 ClientSampleId :

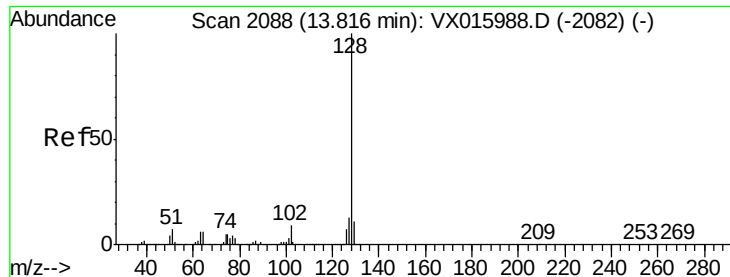
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.0	112.6
145	31.7	23.9	35.9



#90
 Hexachlorobutadiene
 Concen: 2.486 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX015996.D
 Acq: 30 Apr 2020 15:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	0.0	123.6
227	65.4	0.0	123.6





#91

Naphthalene

Concen: 2.301 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

Instrument :

MSVOA_X

ClientSampleId :

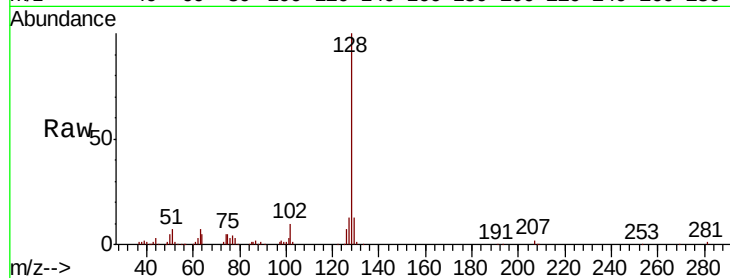
Tot Ion:128 Resp: 35916

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

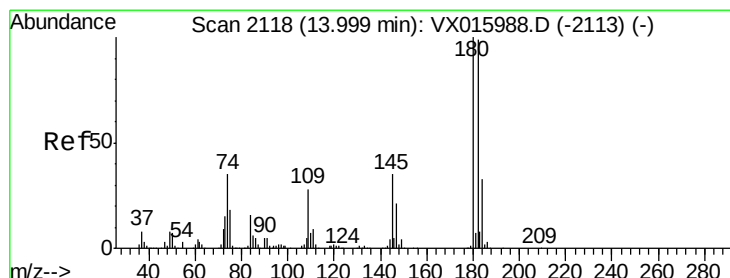
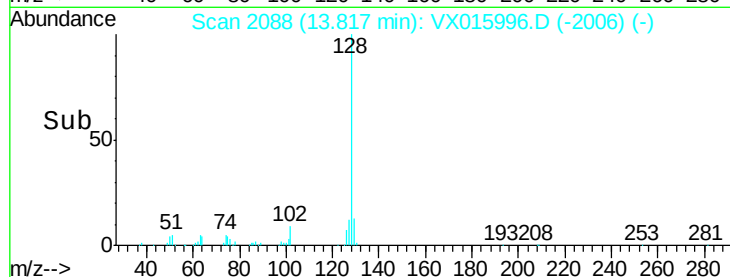
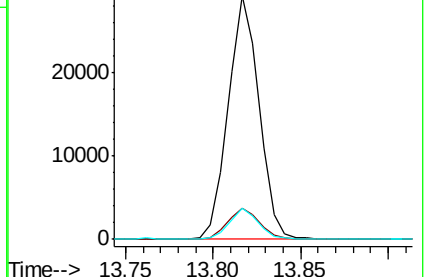
129 11.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 2.479 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX015996.D

Acq: 30 Apr 2020 15:37

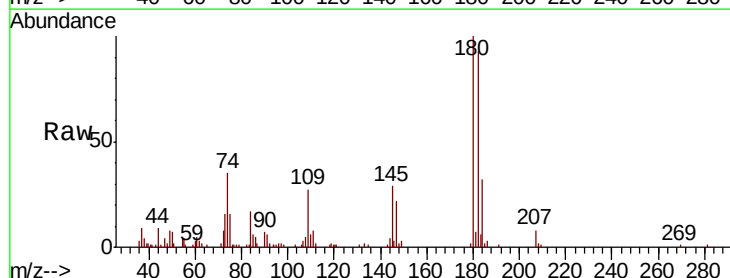
Tgt Ion:180 Resp: 11677

Ion Ratio Lower Upper

180 100

182 92.9 0.0 197.2

145 31.7 0.0 66.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

