

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX043020\
 Data File : VX016000.D
 Acq On : 30 Apr 2020 17:08
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 01 08:00:49 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	4.99	128	49398	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	276088	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	251028	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	115845	30.51	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.70%
60) 4-Bromofluorobenzene	11.12	95	122977	29.21	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.37%
63) Toluene-d8	8.70	98	328981	30.55	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.83%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	65689	19.306	ug/l 99
3) Chloromethane	1.31	50	64213	19.262	ug/l 100
4) Vinyl Chloride	1.39	62	70082	18.503	ug/l 100
5) Bromomethane	1.63	94	48814	21.026	ug/l 99
6) Chloroethane	1.72	64	46190	18.602	ug/l 98
7) Trichlorofluoromethane	1.92	101	103903	19.152	ug/l 98
8) Diethyl Ether	2.17	74	40582	18.741	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	50781	18.125	ug/l 99
10) 1,1-Dichloroethene	2.36	96	50248	17.776	ug/l 92
11) Methyl Iodide	2.49	142	66508	17.235	ug/l 98
12) Methyl Acetate	2.75	43	95221	19.294	ug/l 100
13) Acrolein	2.27	56	34397	86.941	ug/l 98
14) Acrylonitrile	3.12	53	169741	93.114	ug/l 99
15) Acetone	2.42	58	46284	95.938	ug/l 96
16) Carbon Disulfide	2.55	76	153627	17.865	ug/l 99
17) Allyl chloride	2.71	41	95415	18.196	ug/l 97
18) Methylene Chloride	2.84	84	58102	18.349	ug/l 97
19) trans-1,2-Dichloroethene	3.14	96	56170	18.169	ug/l 99
20) Diisopropyl ether	3.82	45	185131	18.311	ug/l 90
21) 1,1-Dichloroethane	3.67	63	102689	18.216	ug/l 99
22) cis-1,2-Dichloroethene	4.57	96	63180	18.008	ug/l 98
23) tert-Butyl Alcohol	3.01	59	83909	94.032	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	188914	18.610	ug/l 99
25) Chloroform	5.18	83	103905	18.148	ug/l 97
26) Cyclohexane	5.55	56	93143	18.068	ug/l # 99
29) 1,1-Dichloropropene	5.78	75	77416	17.829	ug/l 99
30) 2-Butanone	4.64	43	244144	94.360	ug/l 99
31) 2,2-Dichloropropane	4.56	77	90774	17.370	ug/l 99
32) 1,1,1-Trichloroethane	5.47	97	95642	18.157	ug/l 100
33) Carbon Tetrachloride	5.76	117	85011	18.126	ug/l 98
34) Benzene	6.12	78	229163	18.068	ug/l 99
35) Methacrylonitrile	5.01	41	50336	18.319	ug/l 99
36) 1,2-Dichloroethane	6.17	62	88927	18.360	ug/l 99
37) Trichloroethene	7.20	130	81916	18.156	ug/l 98
38) Methylcyclohexane	7.44	83	93229	17.569	ug/l 99
39) 1,2-Dichloropropane	7.49	63	58763	18.049	ug/l 100
40) Dibromomethane	7.64	93	40507	17.918	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	82492	17.700	ug/l	99
42) Vinyl Acetate	3.79	43	772996	90.304	ug/l	100
43) Ethyl Acetate	4.79	43	96177	18.844	ug/l	100
44) Isopropyl Acetate	6.42	43	153394	18.521	ug/l	100
45) 1,4-Dioxane	7.71	88	32046	366.301	ug/l	99
46) Methyl methacrylate	7.75	41	71010	18.085	ug/l	99
47) n-amyl Acetate	10.88	43	126570	17.477	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	94997	17.553	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	99749	17.839	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	57354	18.003	ug/l	98
51) Ethyl methacrylate	9.16	69	94050	17.878	ug/l	99
52) 1,3-Dichloropropane	9.35	76	100018	18.161	ug/l	99
53) Dibromochloromethane	9.57	129	62837	17.337	ug/l	100
54) 1,2-Dibromoethane	9.65	107	61949	17.693	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	257648	90.025	ug/l	99
56) Bromoform	10.84	173	44793	16.402	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	469051	94.751	ug/l	100
59) 2-Hexanone	9.48	43	362058	94.687	ug/l	100
61) Tetrachloroethene	9.32	164	90256	18.176	ug/l	98
62) Toluene	8.77	91	246145	18.354	ug/l	100
64) Chlorobenzene	10.12	112	153780	18.009	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	58319	17.990	ug/l	98
66) Ethyl Benzene	10.24	91	276096	18.080	ug/l	99
67) m/p-Xylenes	10.34	106	206266	35.456	ug/l	100
68) o-Xylene	10.68	106	99318	17.704	ug/l	99
69) Styrene	10.70	104	167395	17.434	ug/l	99
70) Isopropylbenzene	11.01	105	268818	17.748	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	48349	17.171	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	110876	24.313	ug/l	83
73) Bromobenzene	11.24	156	65669	17.205	ug/l	96
74) n-propylbenzene	11.34	91	309934	17.617	ug/l	99
75) 2-Chlorotoluene	11.40	91	181352	17.542	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	223992	17.422	ug/l	100
77) t-1,4-Dichloro-2-butene	11.06	75	33347	17.006	ug/l	99
78) 4-Chlorotoluene	11.49	91	212439	17.360	ug/l	99
79) tert-butylbenzene	11.76	119	192905	17.568	ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	223173	17.375	ug/l	99
81) sec-Butylbenzene	11.93	105	255929	17.281	ug/l	99
82) p-Isopropyltoluene	12.05	119	237035	17.271	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	120693	17.539	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	119935	17.540	ug/l	98
85) n-Butylbenzene	12.37	91	208690	16.647	ug/l	100
86) Hexachloroethane	12.58	117	40372	16.710	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	119437	17.946	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	21329	18.103	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	82398	16.809	ug/l	100
90) Hexachlorobutadiene	13.77	225	36429	17.291	ug/l	98
91) Naphthalene	13.82	128	276292	17.704	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	81213	17.245	ug/l	97

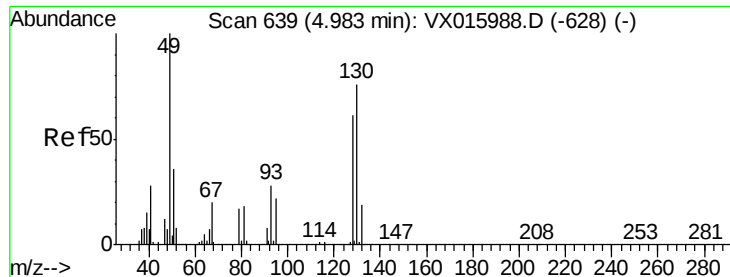
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QLast Update : Thu Apr 30 12:42:44 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration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

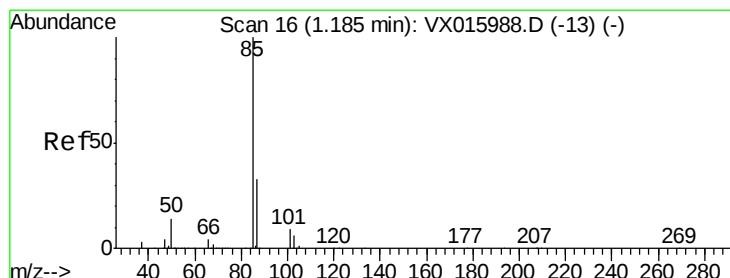
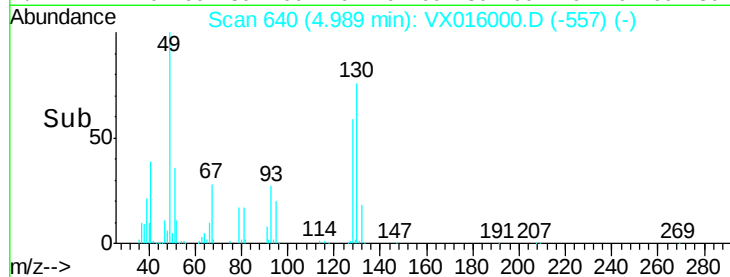
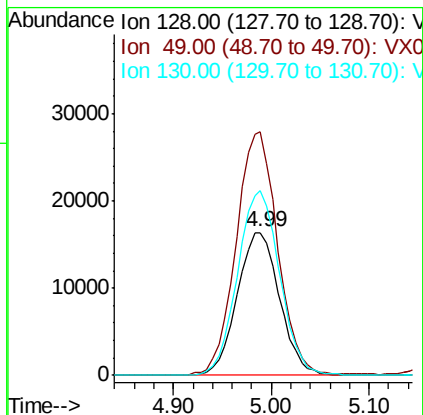
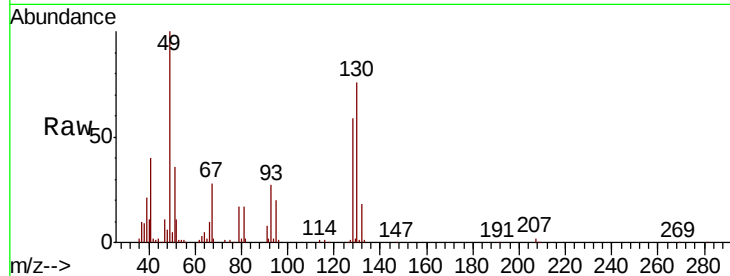


#1

Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.99 min Scan# 640
 Delta R.T. 0.01 min
 Lab File: VX016000.D
 Acq: 30 Apr 2020 17:08

Instrument :
 MSVOA_X
 ClientSampleId :

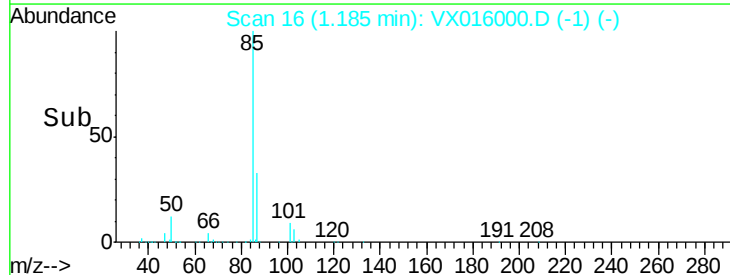
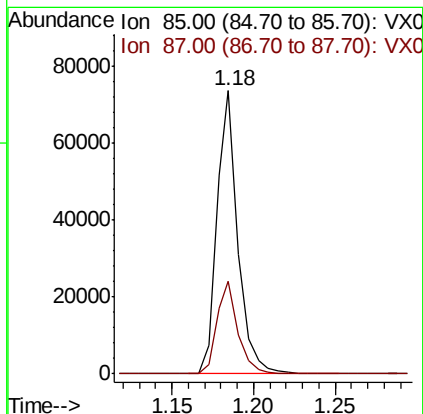
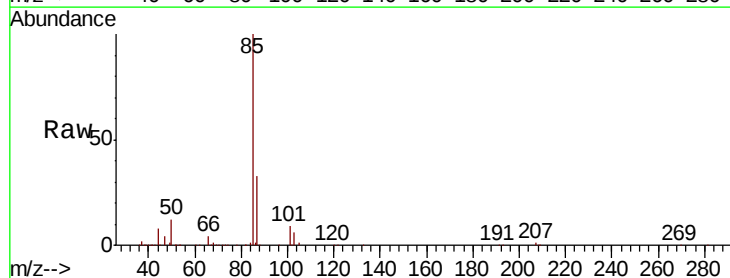
Tot Ion	Ratio	Lower	Upper
128	100		
49	167.6	0.0	418.5
130	128.2	0.0	326.3

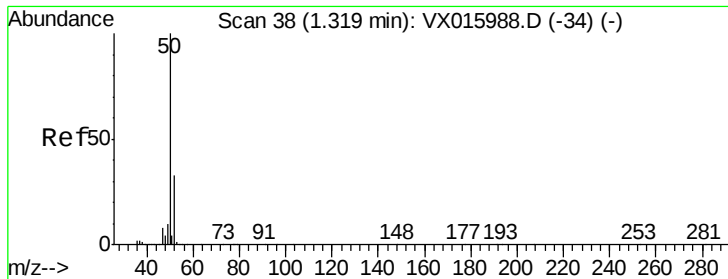


#2

Dichlorodifluoromethane
 Concen: 19.306 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VX016000.D
 Acq: 30 Apr 2020 17:08

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.7	16.6	49.7





#3

Chloromethane

Concen: 19.262 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

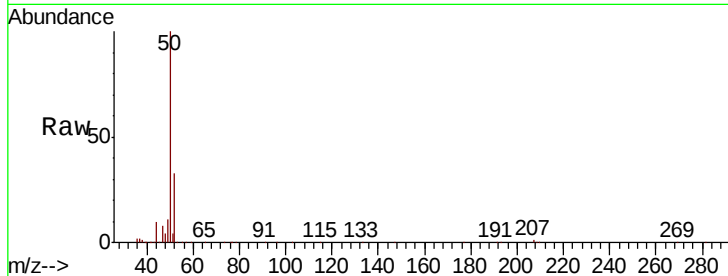
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 64213

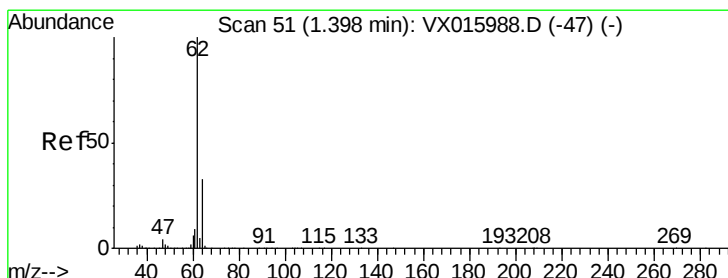
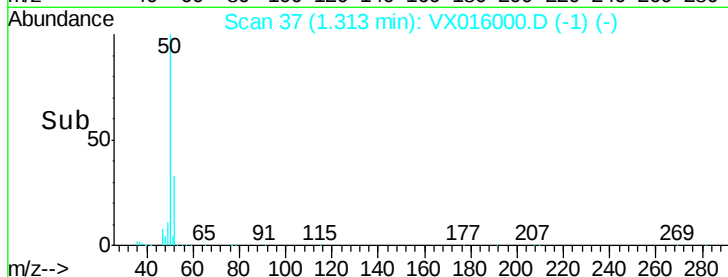
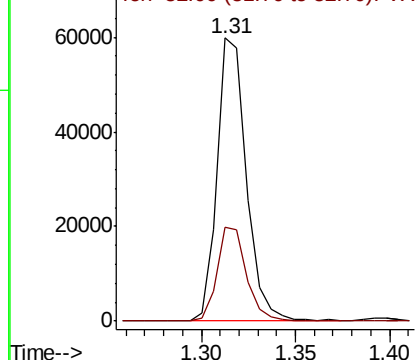
Ion Ratio Lower Upper

50 100

52 33.1 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: 18.503 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX016000.D

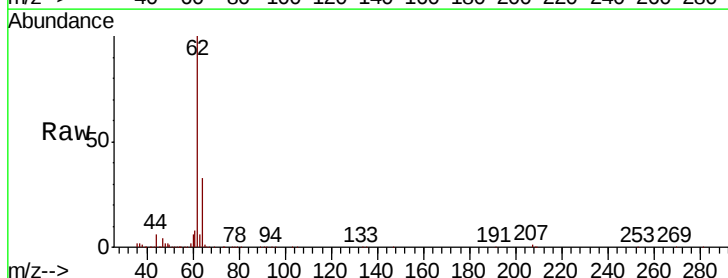
Acq: 30 Apr 2020 17:08

Tgt Ion: 62 Resp: 70082

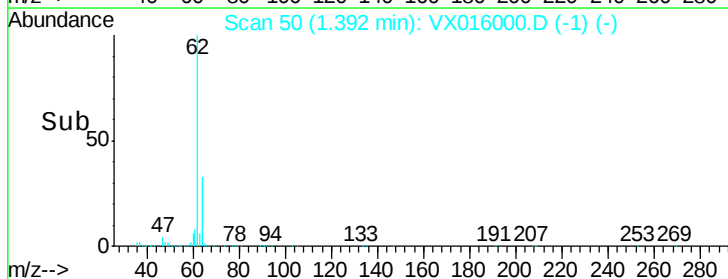
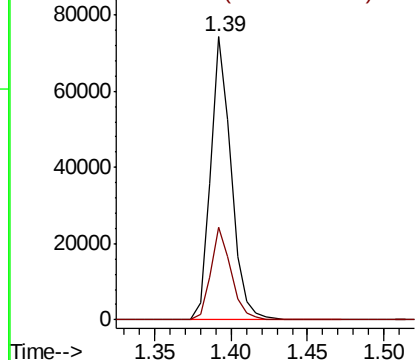
Ion Ratio Lower Upper

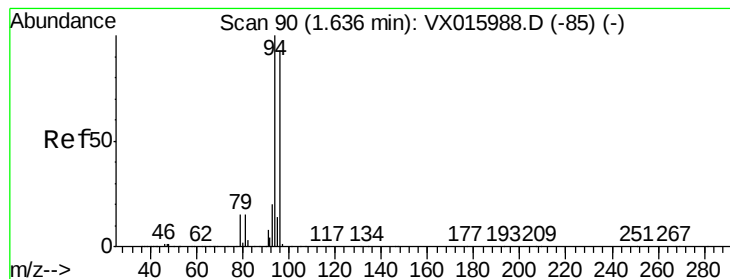
62 100

64 32.7 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: 21.026 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

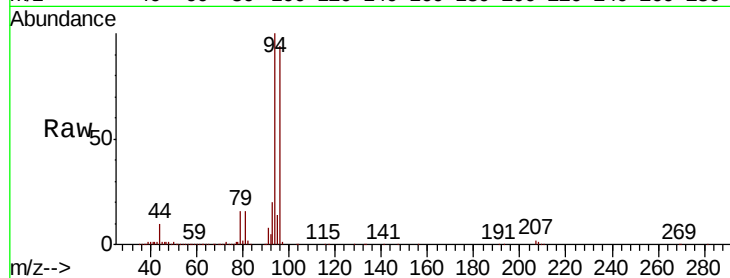
ClientSampleId :

Tot Ion: 94 Resp: 48814

Ion Ratio Lower Upper

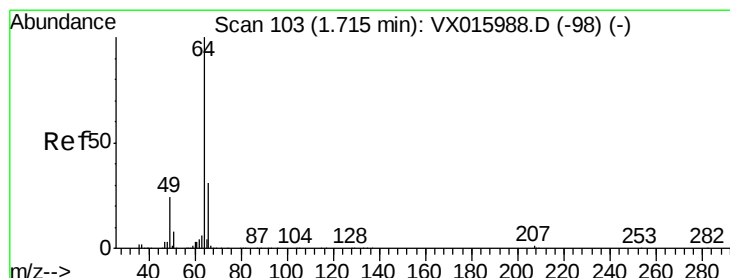
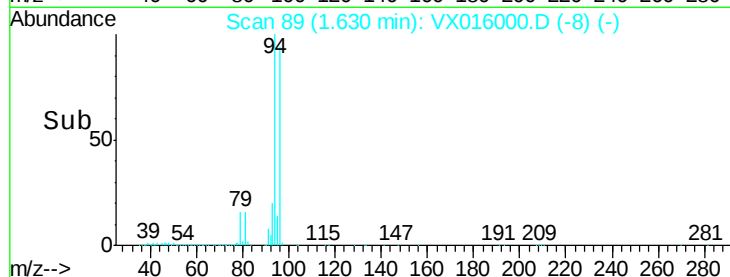
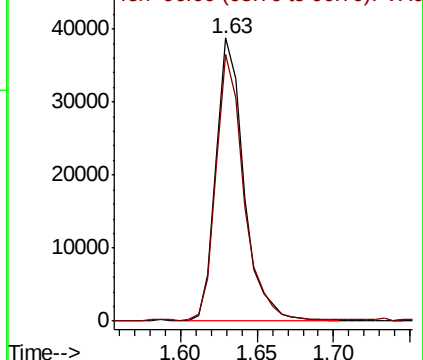
94 100

96 94.1 74.2 111.2



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 18.602 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX016000.D

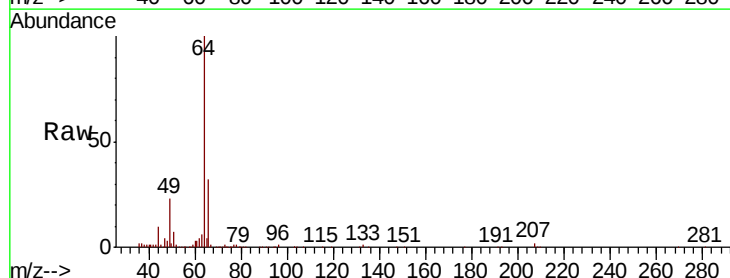
Acq: 30 Apr 2020 17:08

Tgt Ion: 64 Resp: 46190

Ion Ratio Lower Upper

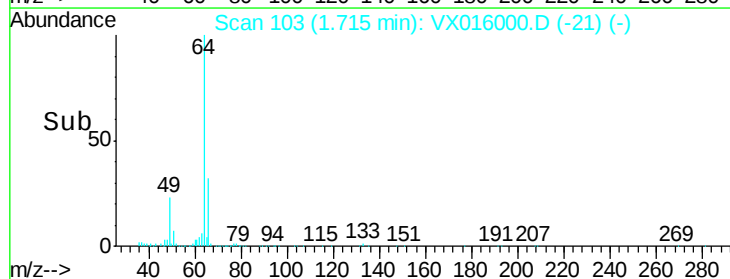
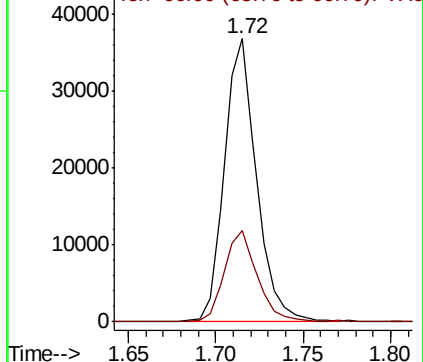
64 100

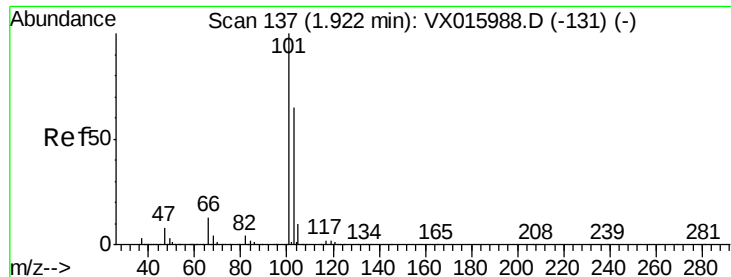
66 32.1 24.9 37.3



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



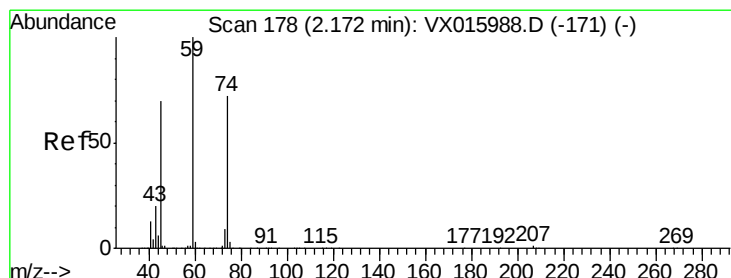
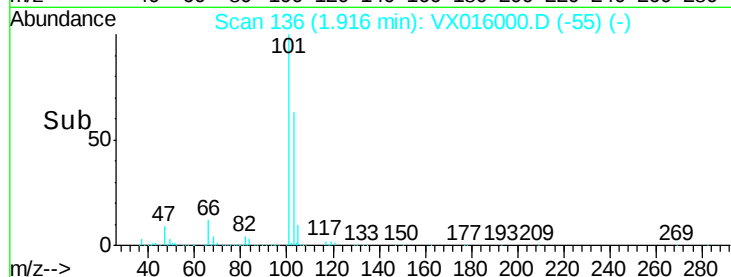
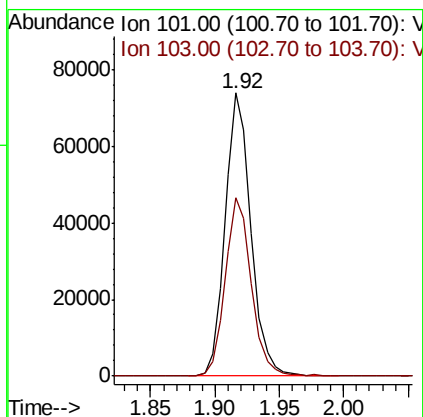
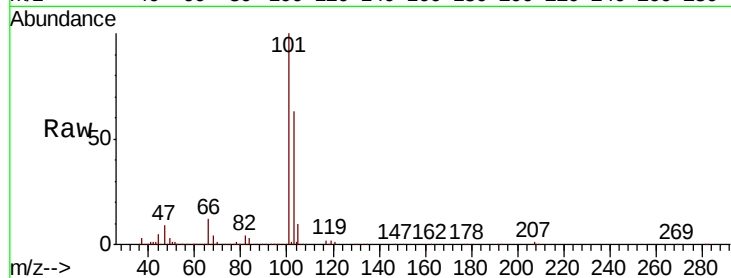


#7

Trichlorofluoromethane
Concen: 19.152 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Instrument :
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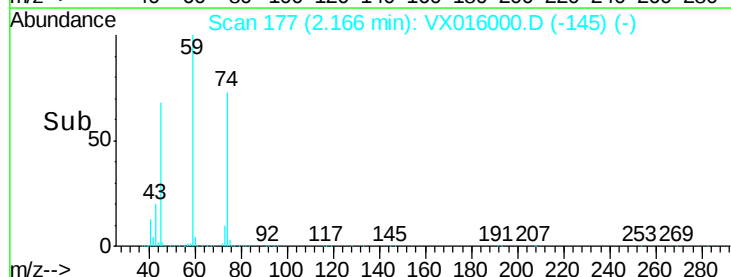
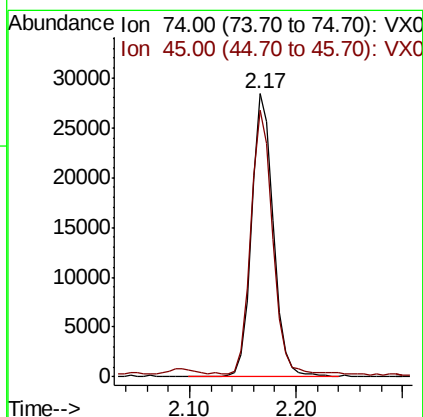
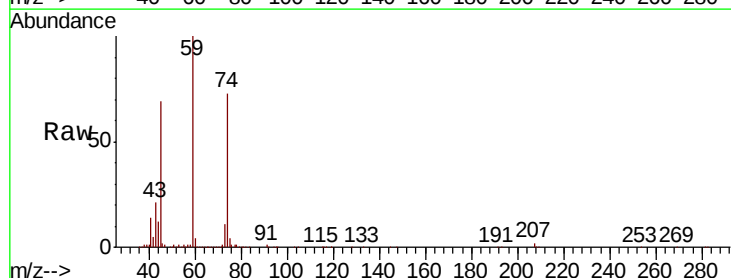
Tot Ion:101 Resp: 103903
Ion Ratio Lower Upper
101 100
103 62.9 51.8 77.8

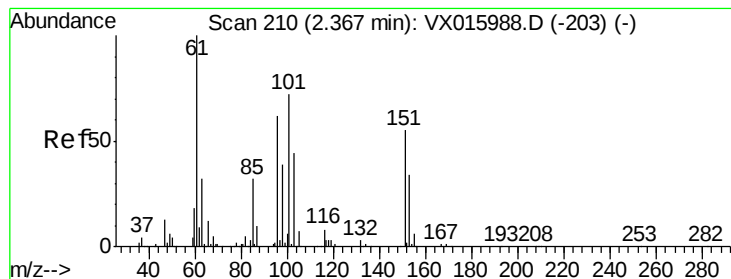


#8

Diethyl Ether
Concen: 18.741 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Tgt Ion: 74 Resp: 40582
Ion Ratio Lower Upper
74 100
45 93.5 19.4 174.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.125 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

ClientSampleId :

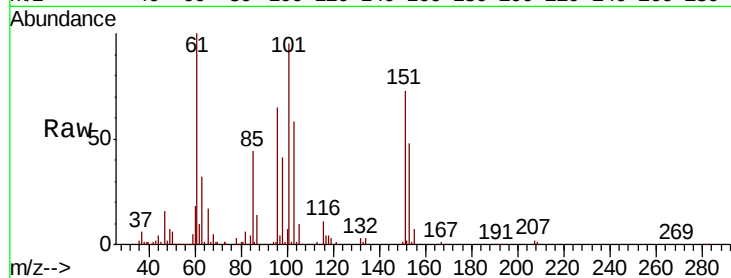
Tot Ion:101 Resp: 50781

Ion Ratio Lower Upper

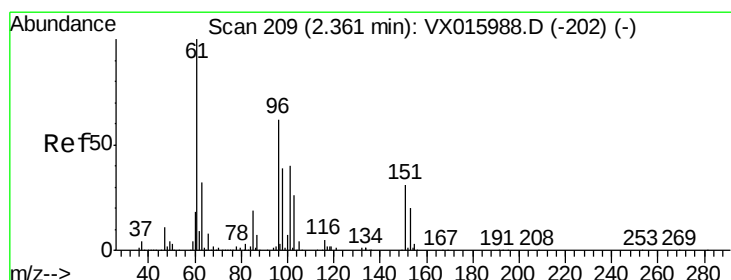
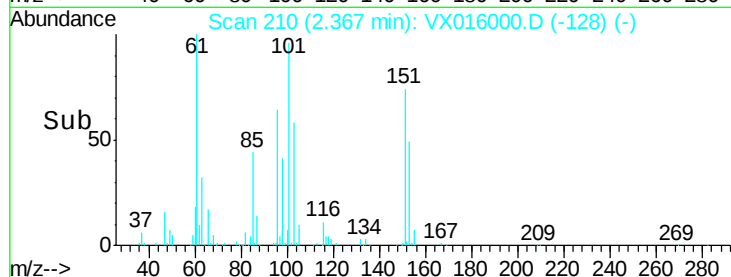
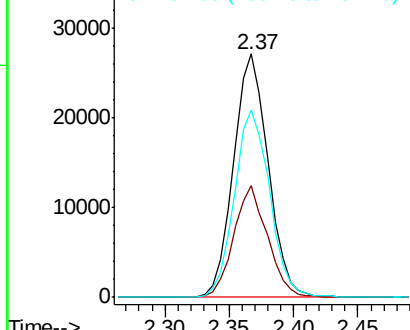
101 100

85 44.8 0.0 90.6

151 78.2 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: 17.776 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

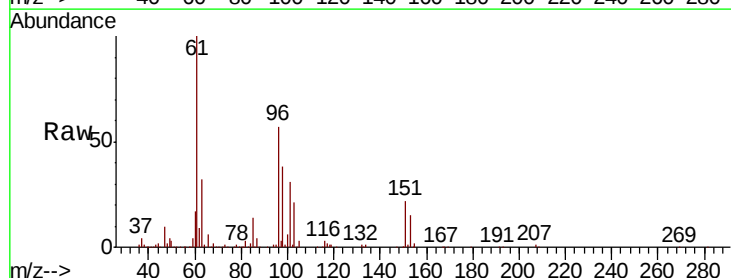
Tgt Ion: 96 Resp: 50248

Ion Ratio Lower Upper

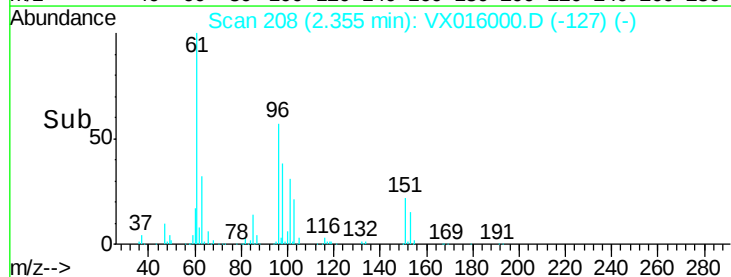
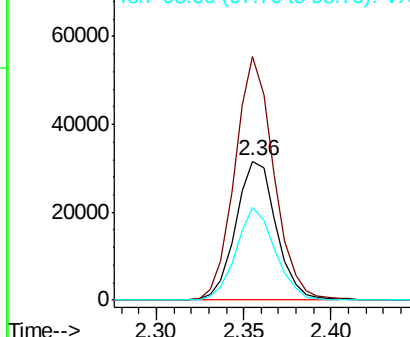
96 100

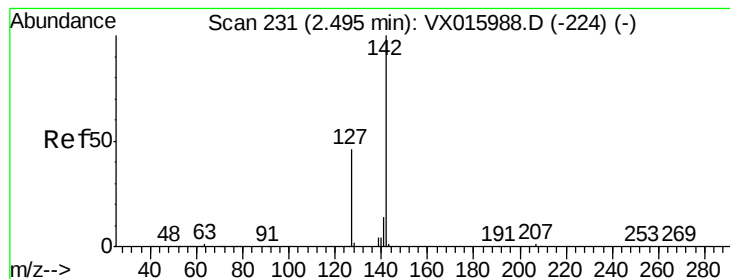
61 175.4 129.8 194.8

98 66.3 51.1 76.7



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#11

Methvl Iodide

Concen: 17.235 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

ClientSampled :

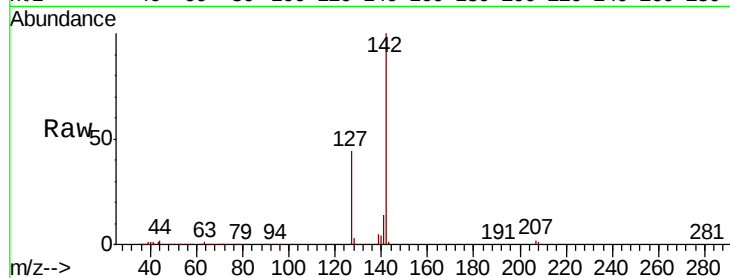
Tot Ion:142 Resp: 66508

Ion Ratio Lower Upper

142 100

127 43.6 22.8 68.4

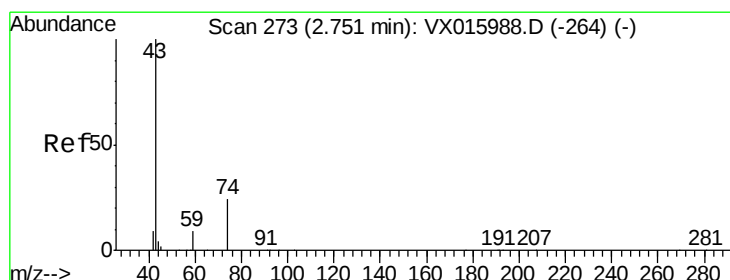
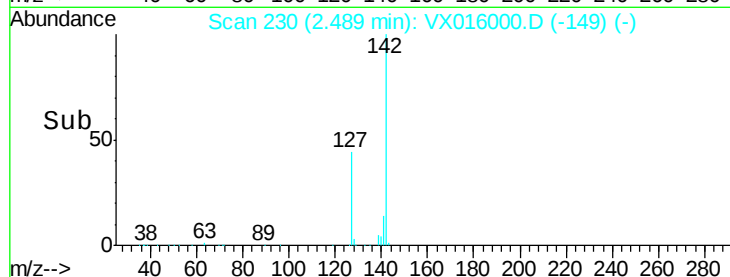
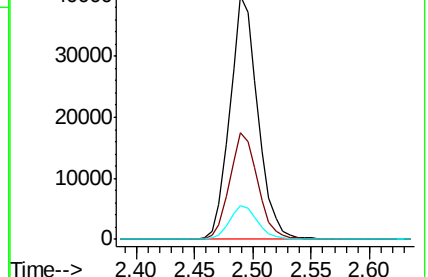
141 13.9 7.0 21.1



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 19.294 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX016000.D

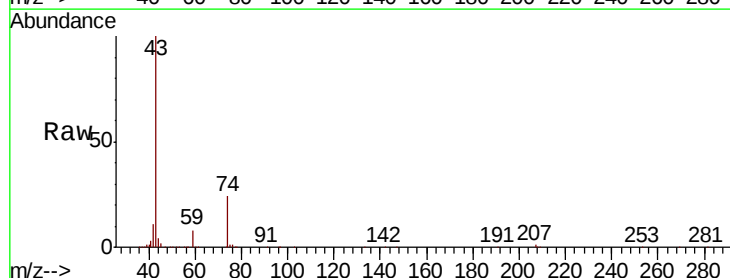
Acq: 30 Apr 2020 17:08

Tgt Ion: 43 Resp: 95221

Ion Ratio Lower Upper

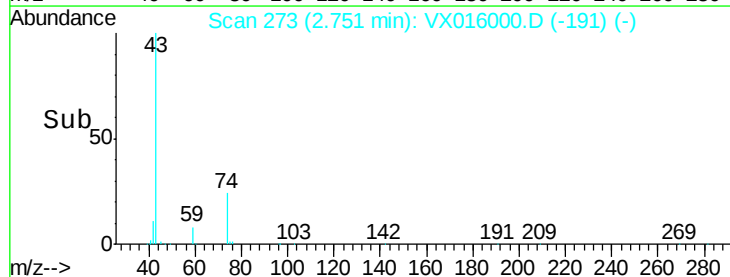
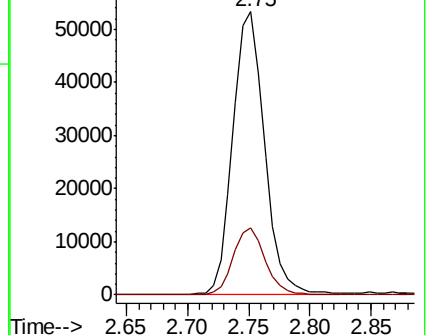
43 100

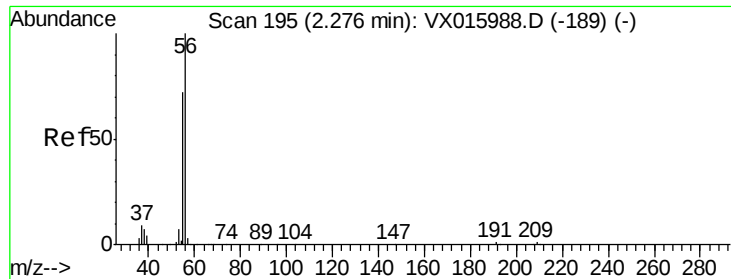
74 23.6 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

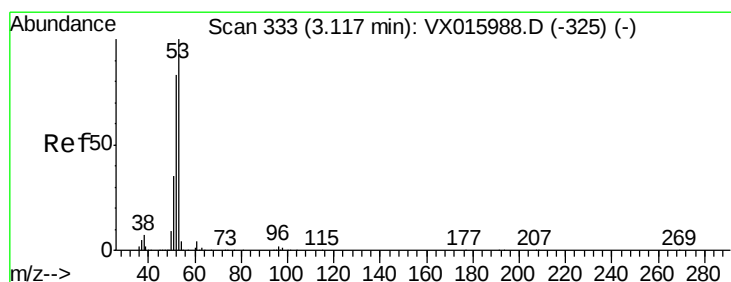
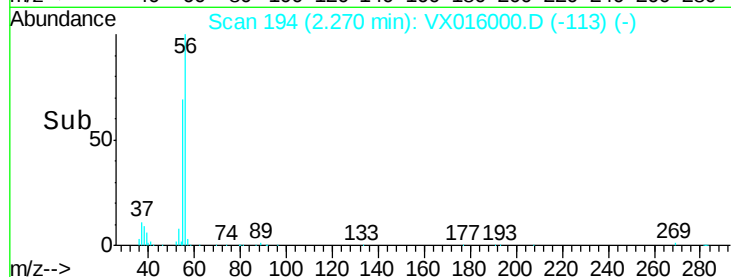
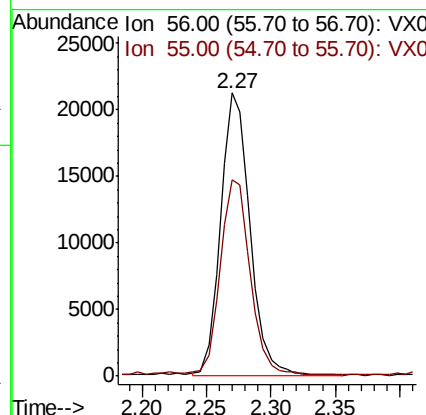
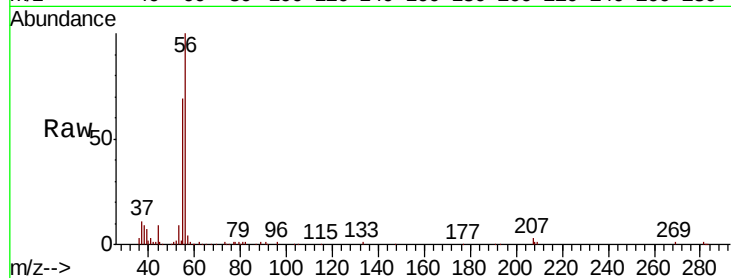




#13
Acrolein
Concen: 86.941 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

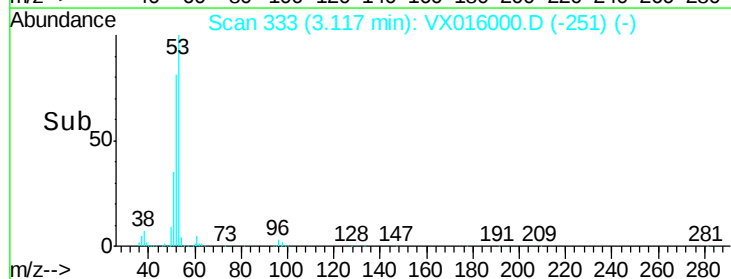
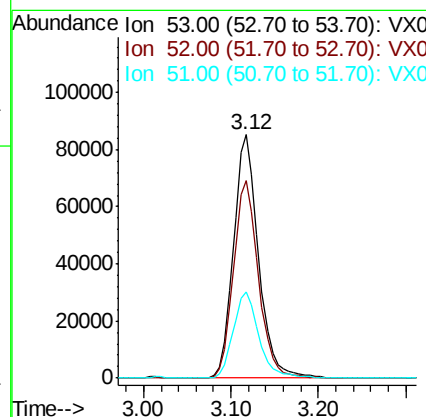
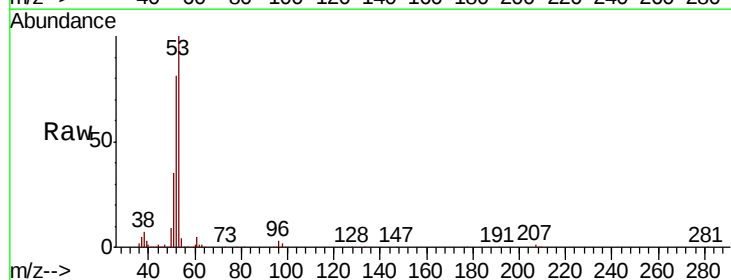
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 34397
Ion Ratio Lower Upper
56 100
55 69.1 56.2 84.4



#14
Acrylonitrile
Concen: 93.114 ug/l
RT: 3.12 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Tgt Ion: 53 Resp: 169741
Ion Ratio Lower Upper
53 100
52 81.1 41.2 123.6
51 36.4 17.8 53.5





#15

Acetone

Concen: 95.938 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

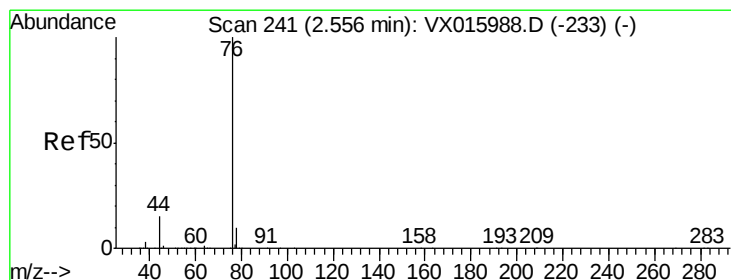
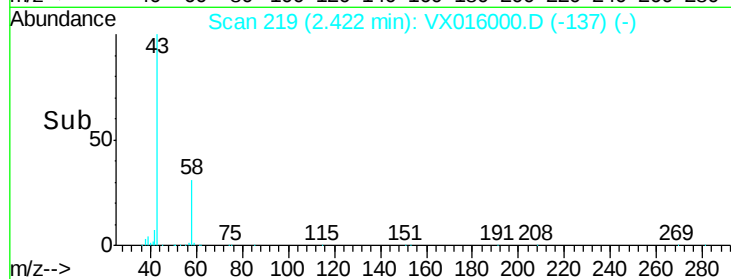
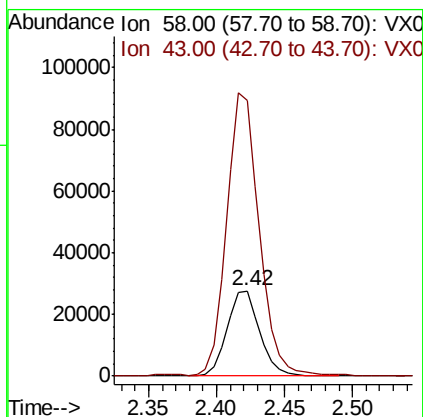
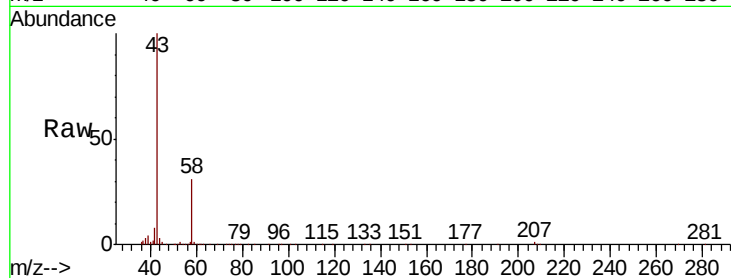
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 58 Resp: 46284

Ion Ratio Lower Upper

58 100

43 322.5 264.2 396.2



#16

Carbon Disulfide

Concen: 17.865 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VX016000.D

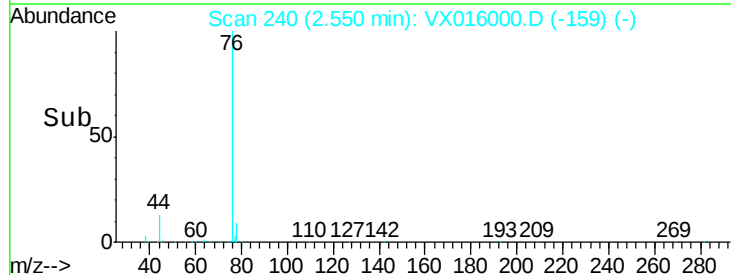
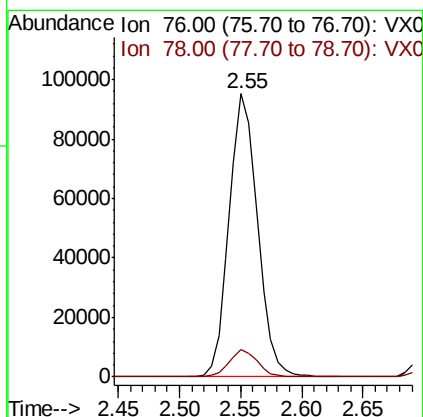
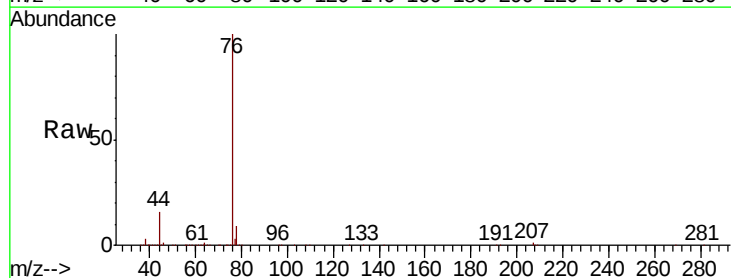
Acq: 30 Apr 2020 17:08

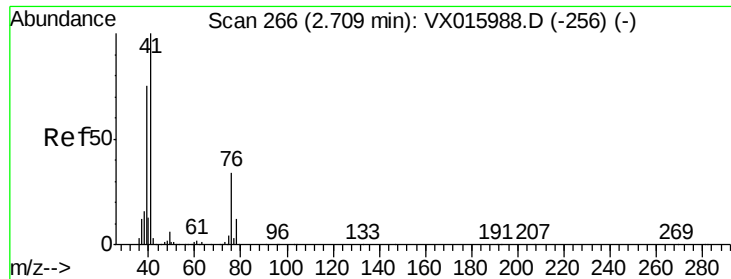
Tgt Ion: 76 Resp: 153627

Ion Ratio Lower Upper

76 100

78 9.4 7.7 11.5

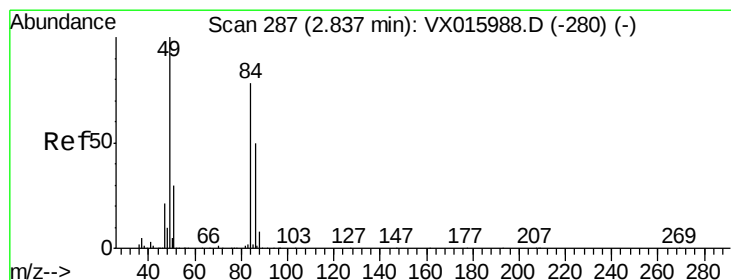
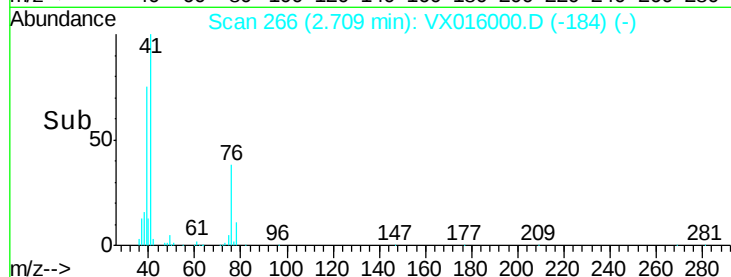
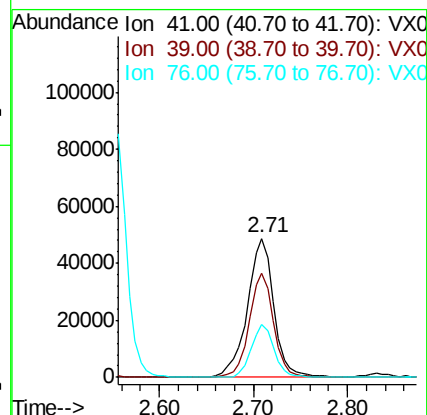
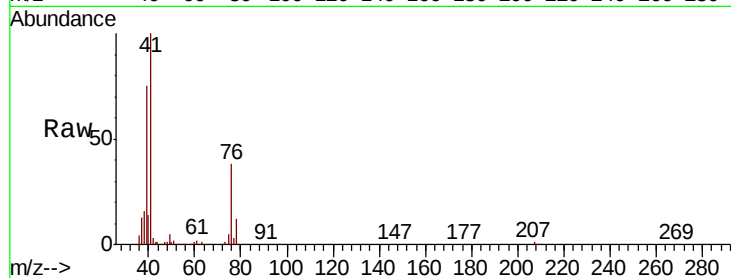




#17
Allvl chloride
Concen: 18.196 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

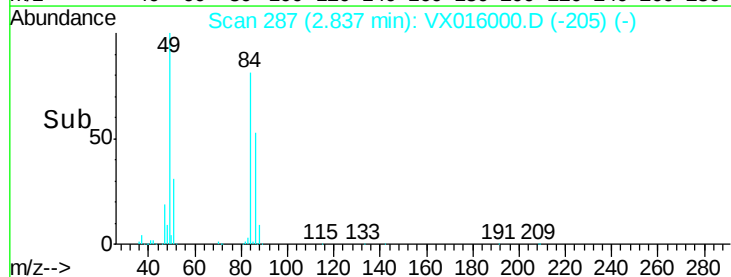
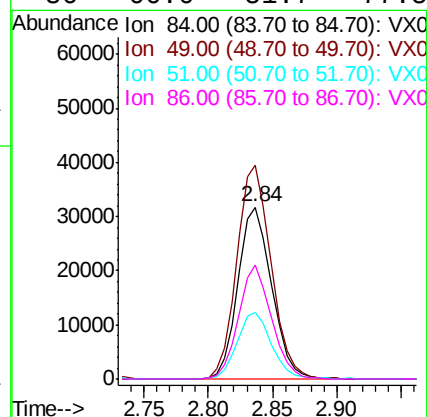
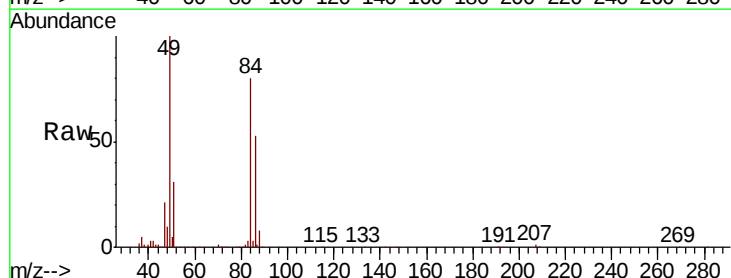
Instrument :
MSVOA_X
ClientSampleId :

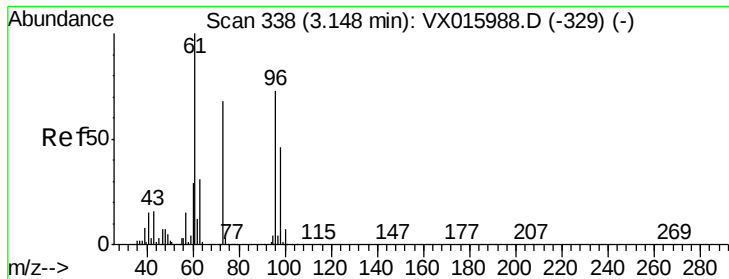
Tot Ion: 41 Resp: 95415
Ion Ratio Lower Upper
41 100
39 74.5 37.6 112.8
76 38.1 17.2 51.5



#18
Methylene Chloride
Concen: 18.349 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Tgt Ion: 84 Resp: 58102
Ion Ratio Lower Upper
84 100
49 124.3 103.0 154.4
51 38.7 31.4 47.0
86 66.0 51.7 77.5





#19

trans-1,2-Dichloroethene

Concen: 18.169 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.01 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

ClientSampled :

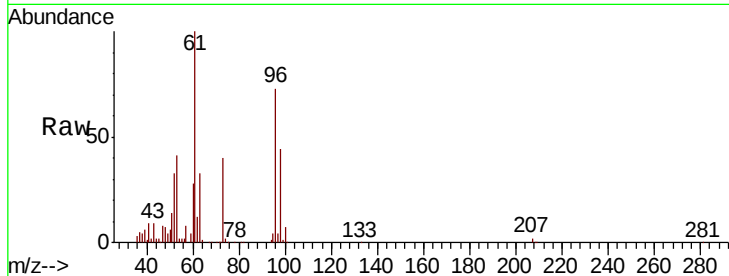
Tot Ion: 96 Resp: 56170

Ion Ratio Lower Upper

96 100

61 137.7 109.0 163.4

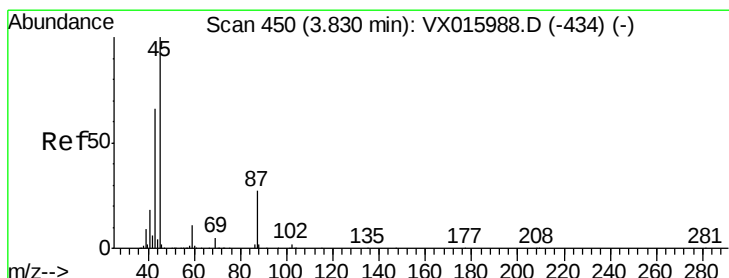
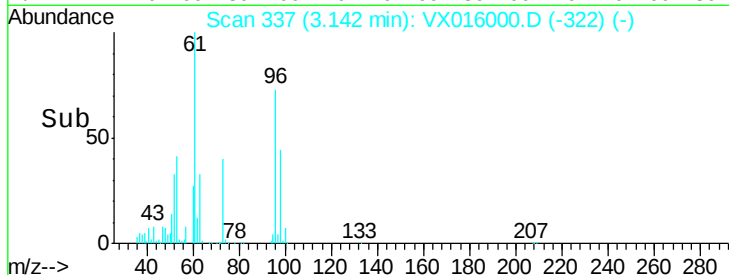
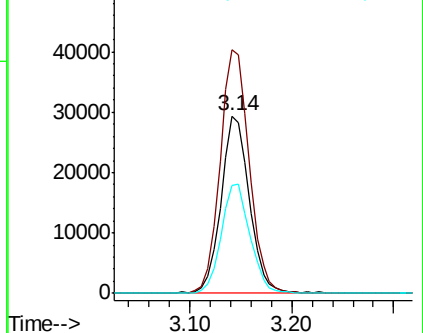
98 61.0 50.0 75.0



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



#20

Diisopropyl ether

Concen: 18.311 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Tgt Ion: 45 Resp: 185131

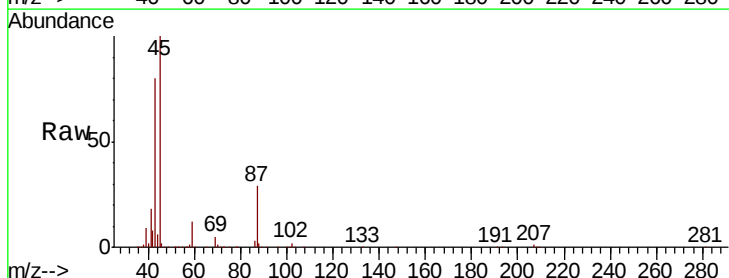
Ion Ratio Lower Upper

45 100

43 78.3 53.0 79.4

87 28.5 21.9 32.9

59 11.6 9.1 13.7

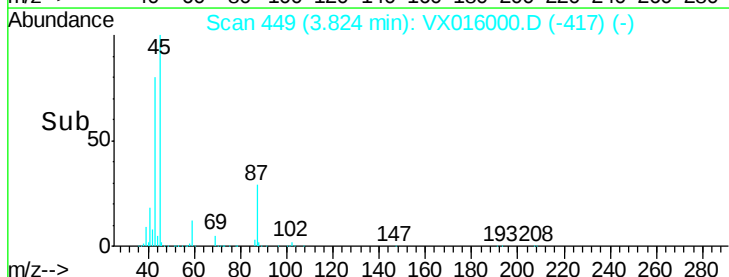
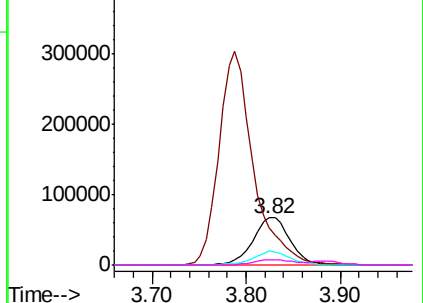


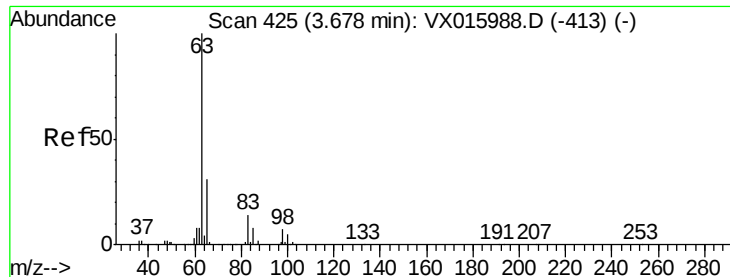
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 18.216 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.01 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

ClientSampled :

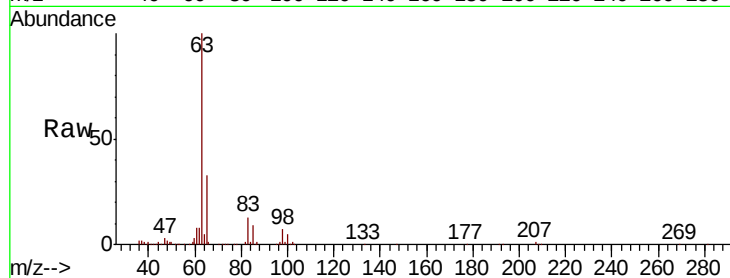
Tot Ion: 63 Resp: 102689

Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

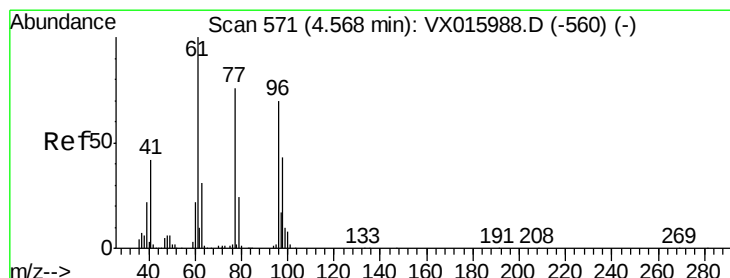
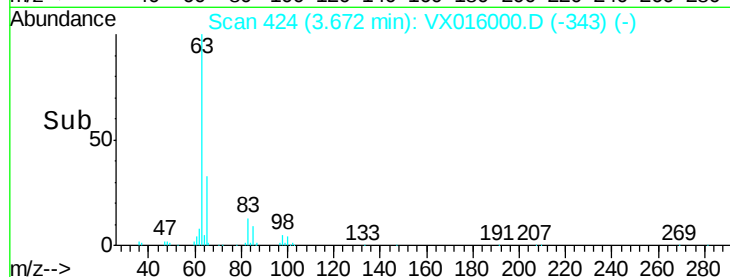
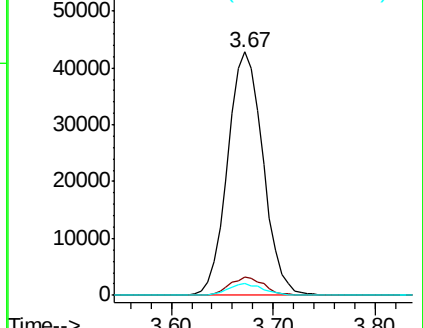
100 4.7 2.3 6.9



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: 18.008 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

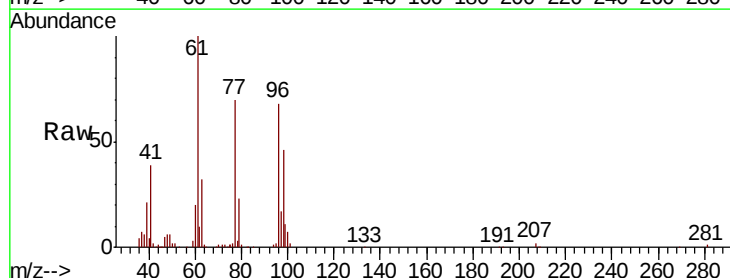
Tgt Ion: 96 Resp: 63180

Ion Ratio Lower Upper

96 100

61 148.6 121.6 182.4

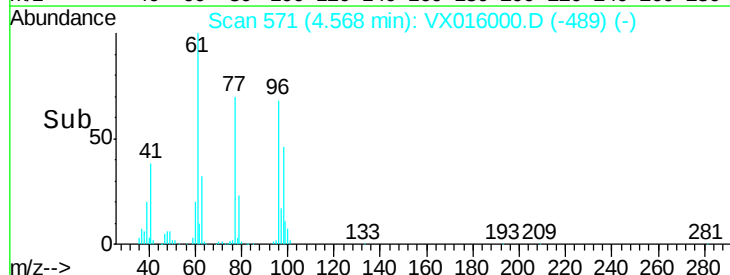
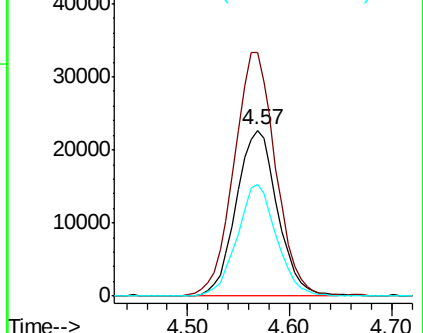
98 65.0 51.9 77.9

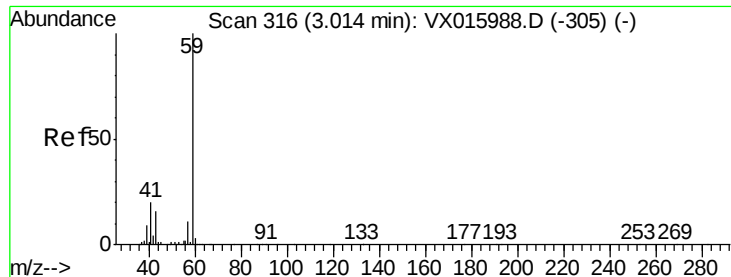


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

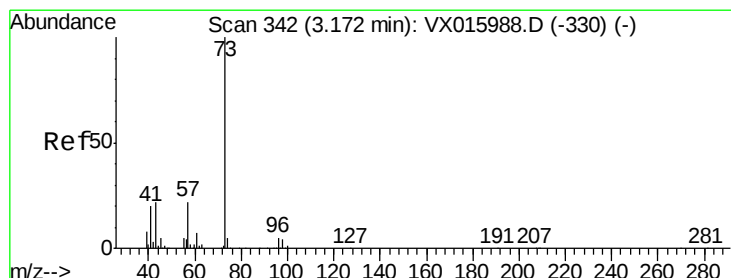
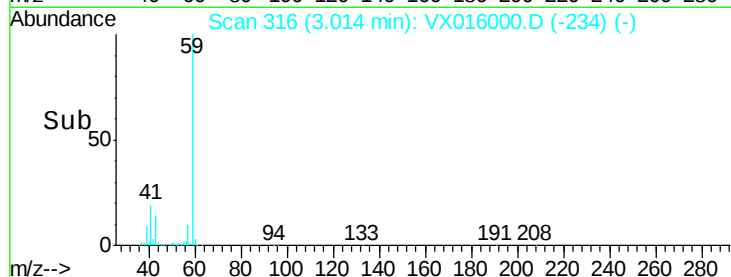
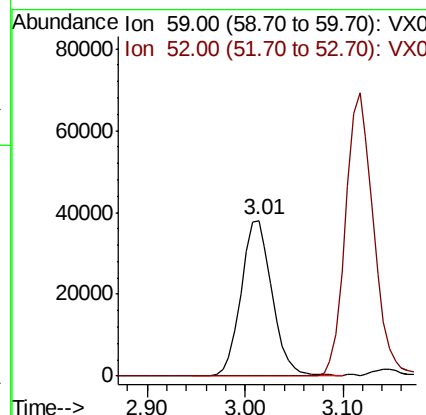
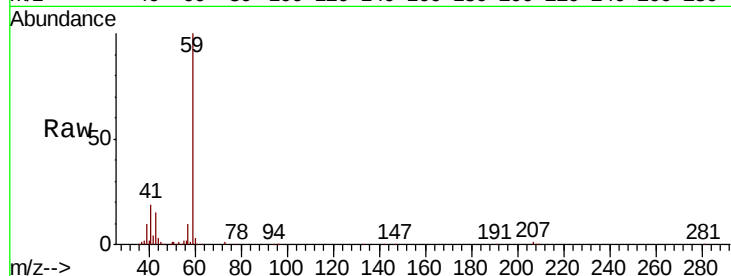




#23
tert-Butyl Alcohol
Concen: 94.032 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

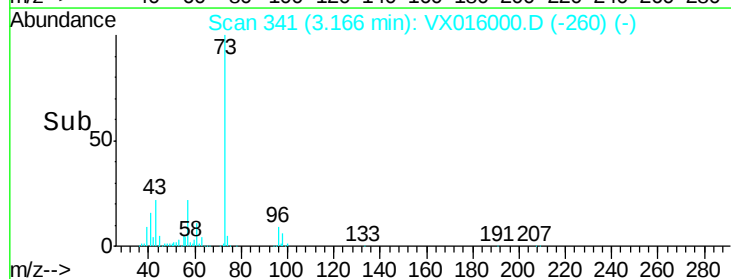
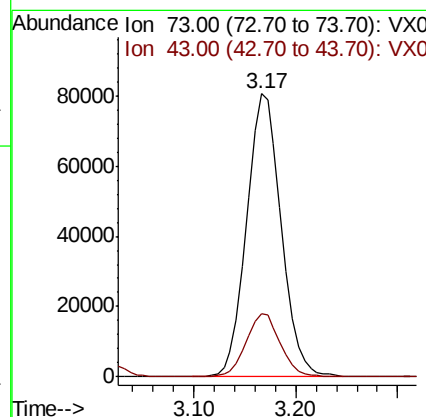
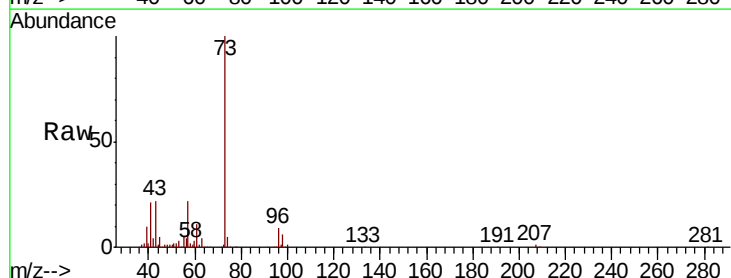
Instrument :
MSVOA_X
ClientSampleId :

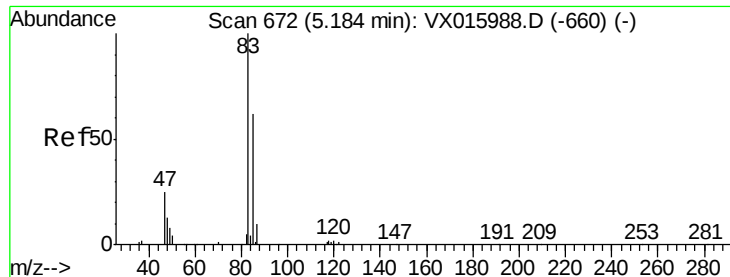
Tot Ion: 59 Resp: 83909
Ion Ratio Lower Upper
59 100
52 0.3 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 18.610 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Tgt Ion: 73 Resp: 188914
Ion Ratio Lower Upper
73 100
43 21.9 17.8 26.6





#25

Chloroform

Concen: 18.148 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

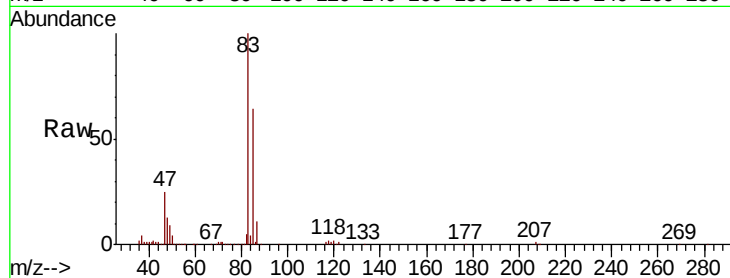
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 103905

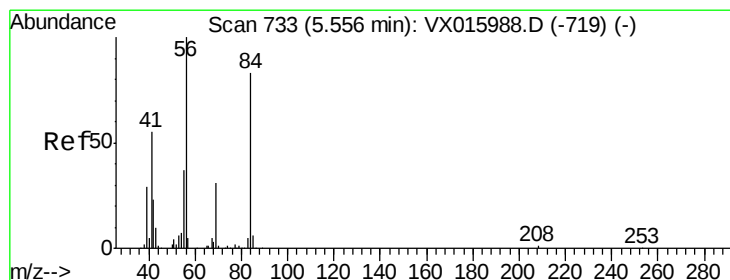
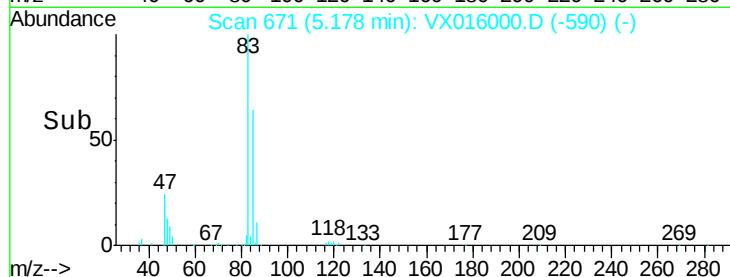
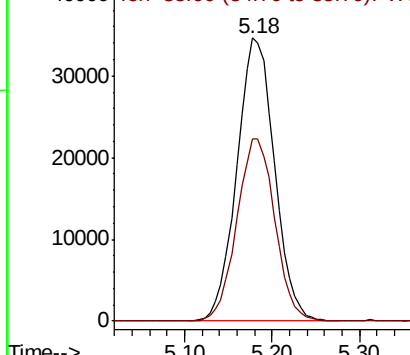
Ion Ratio Lower Upper

83 100

85 64.2 49.6 74.4



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 18.068 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.01 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

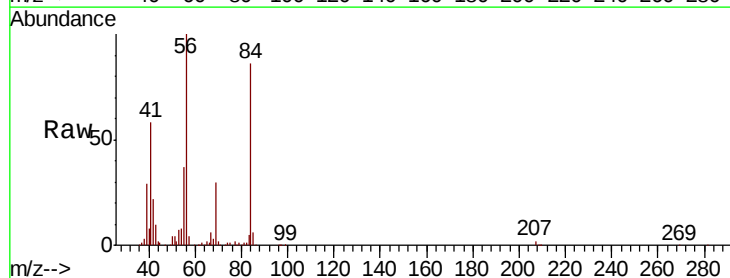
Tgt Ion: 56 Resp: 93143

Ion Ratio Lower Upper

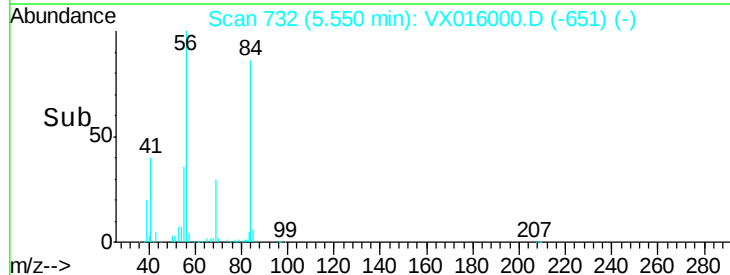
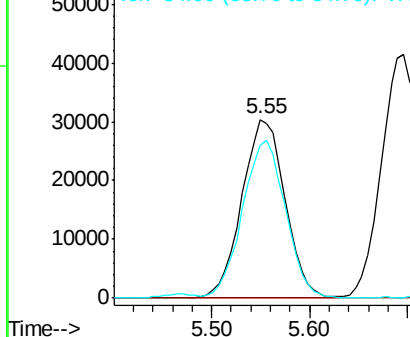
56 100

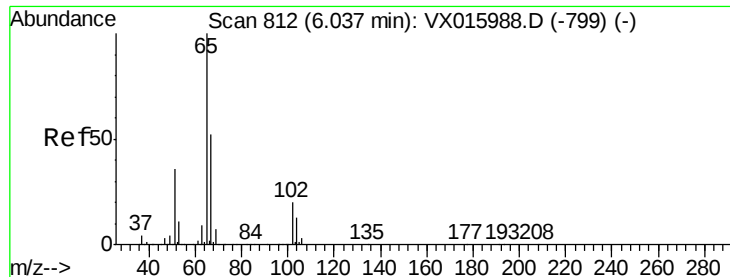
89 0.0 0.1 0.1#

84 88.4 70.1 105.1



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 89.00 (88.70 to 89.70): VX0
Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 30.514 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

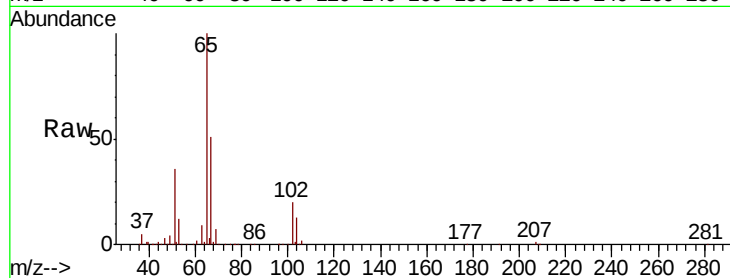
ClientSampleId :

Tot Ion: 65 Resp: 115845

Ion Ratio Lower Upper

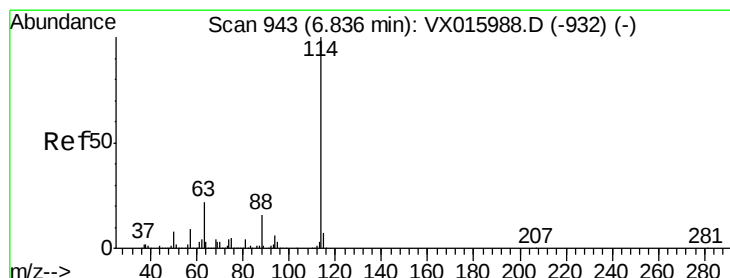
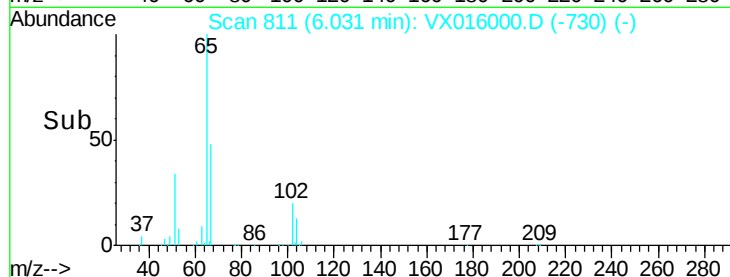
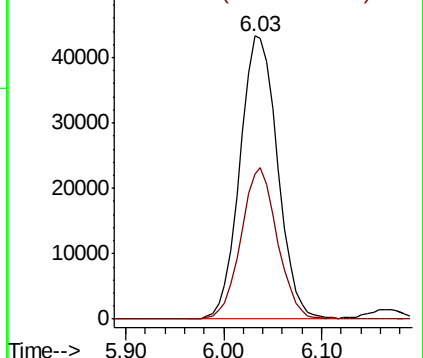
65 100

67 51.4 41.0 61.4



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

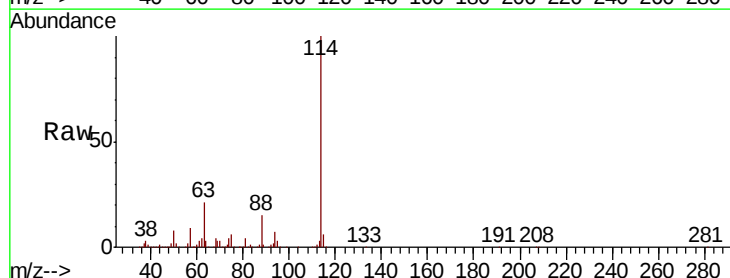
Tgt Ion: 114 Resp: 276088

Ion Ratio Lower Upper

114 100

63 21.5 17.1 25.7

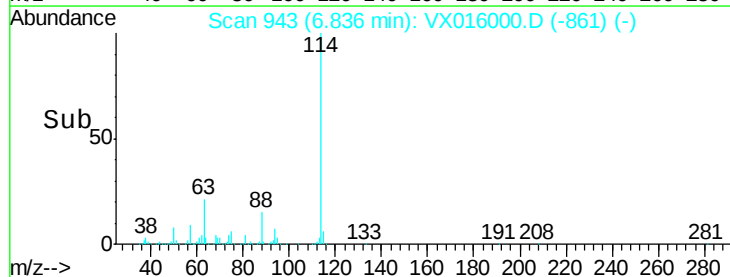
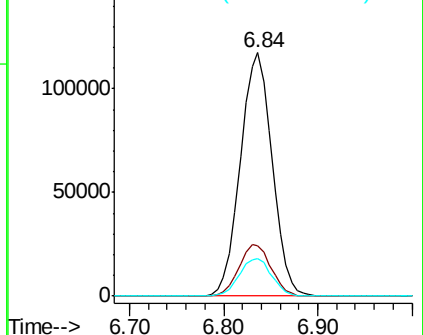
88 15.9 13.0 19.4

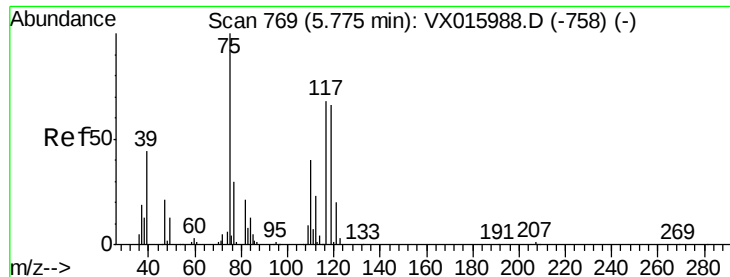


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 17.829 ug/l

RT: 5.78 min Scan# 769

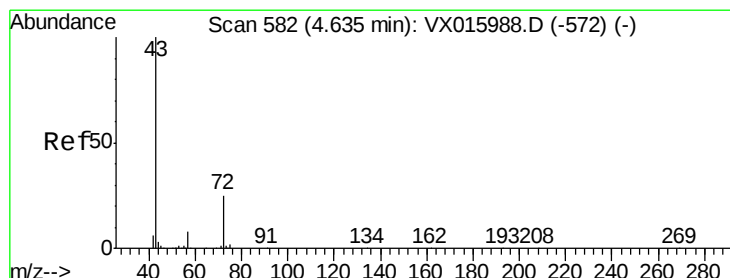
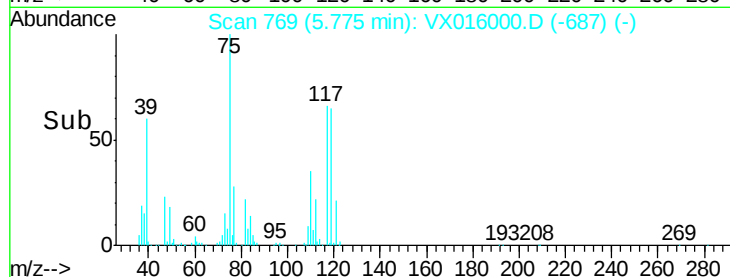
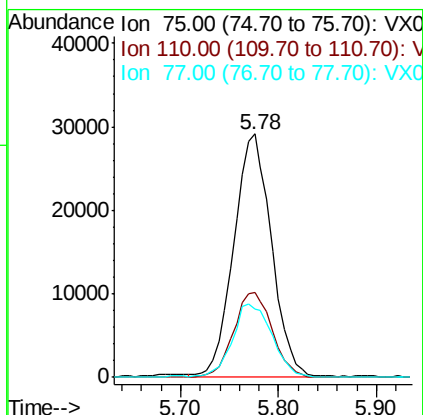
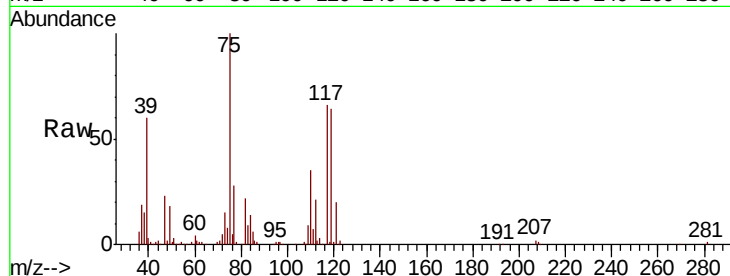
Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	75	Resp:	77416
Ion	Ratio	Lower	Upper
75	100		
110	36.0	0.0	71.0
77	31.9	0.0	64.2



#30

2-Butanone

Concen: 94.360 ug/l

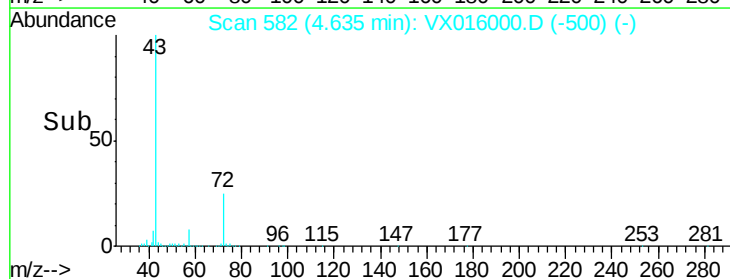
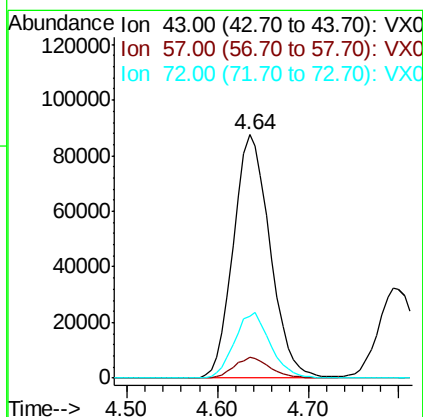
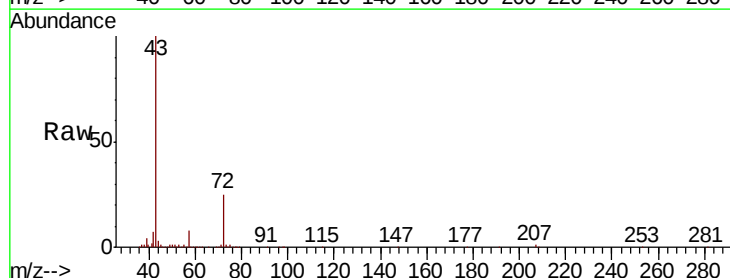
RT: 4.64 min Scan# 582

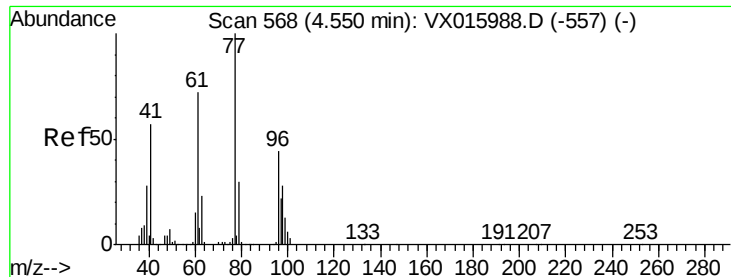
Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Tgt Ion:	43	Resp:	244144
Ion	Ratio	Lower	Upper
43	100		
57	8.3	6.3	9.5
72	26.6	20.8	31.2





#31

2,2-Dichloropropane

Concen: 17.370 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

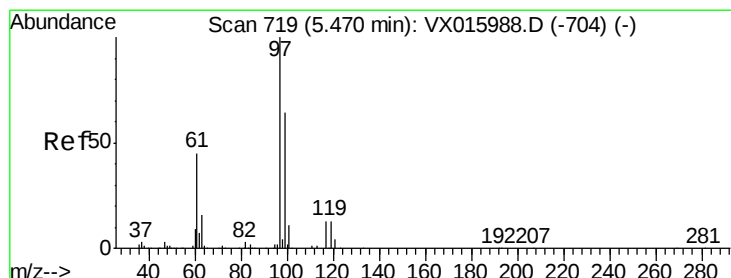
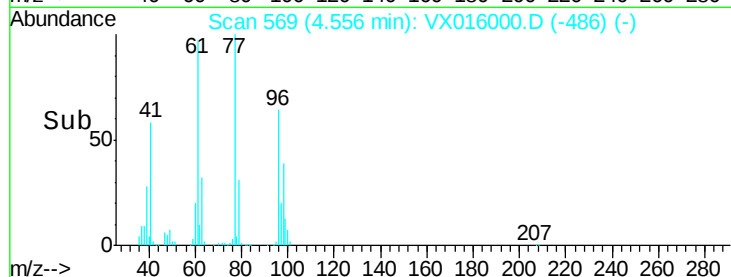
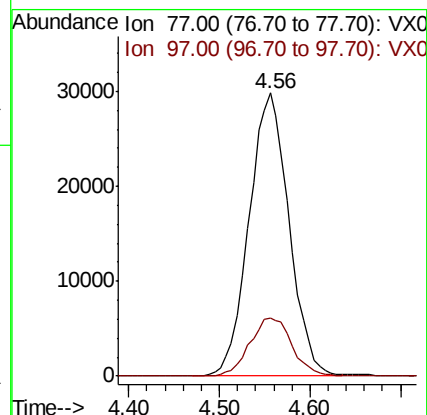
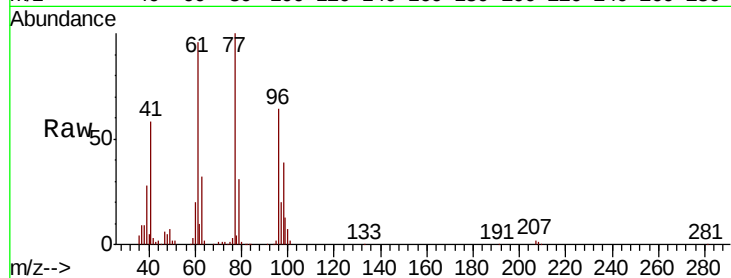
ClientSampleId :

Tot Ion: 77 Resp: 90774

Ion Ratio Lower Upper

77 100

97 21.6 17.8 26.8



#32

1,1,1-Trichloroethane

Concen: 18.157 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

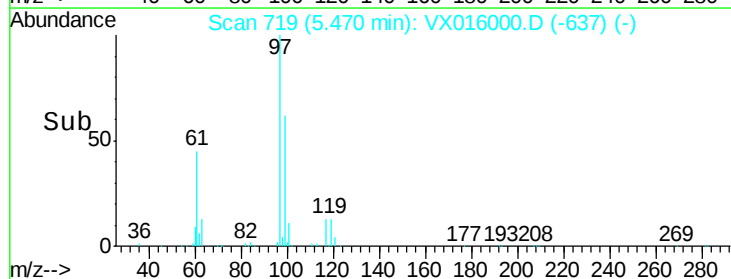
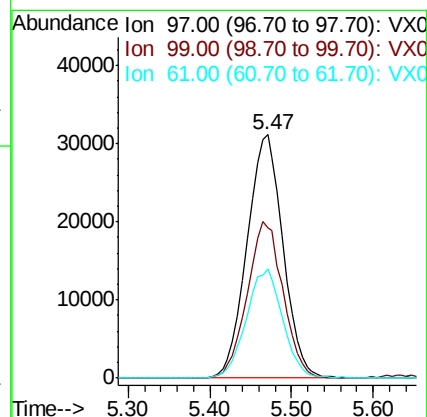
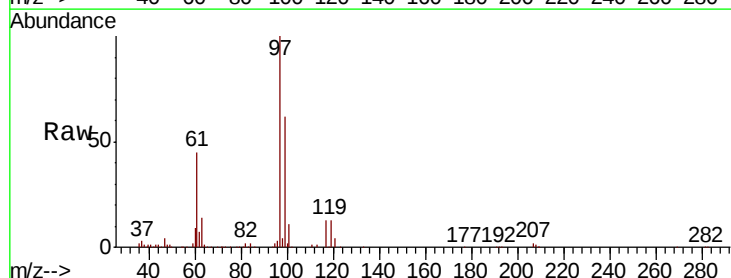
Tgt Ion: 97 Resp: 95642

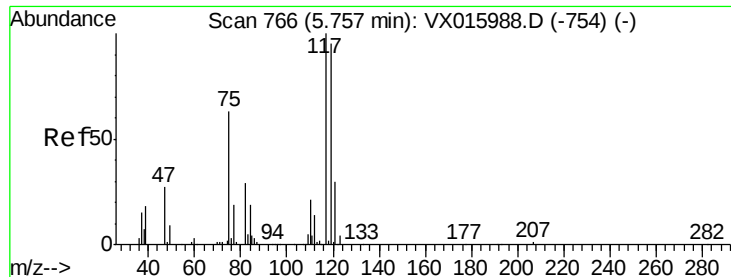
Ion Ratio Lower Upper

97 100

99 63.9 50.7 76.1

61 45.1 35.9 53.9





#33

Carbon Tetrachloride

Concen: 18.126 ug/l

RT: 5.76 min Scan# 766

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

ClientSampleId :

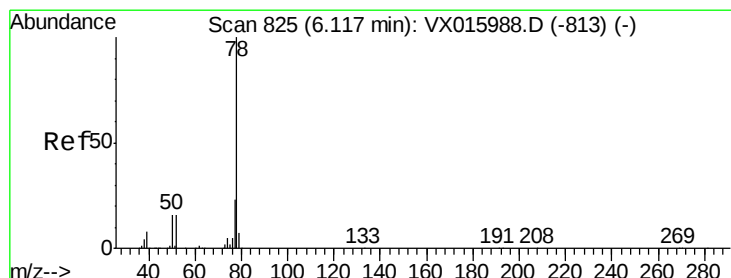
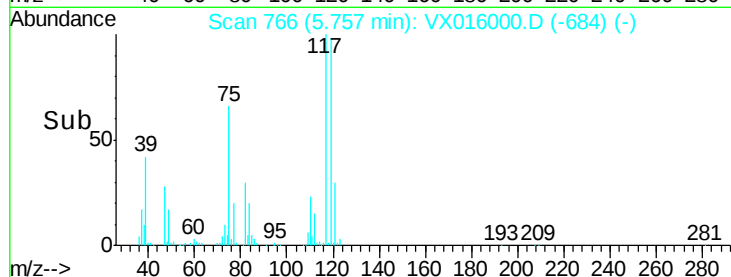
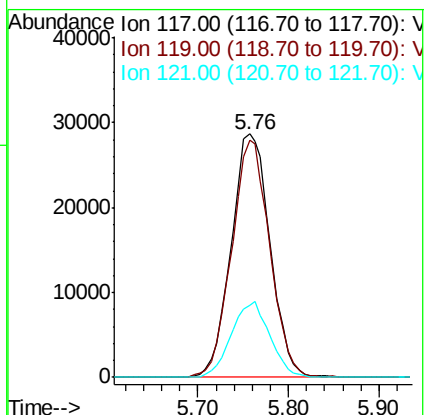
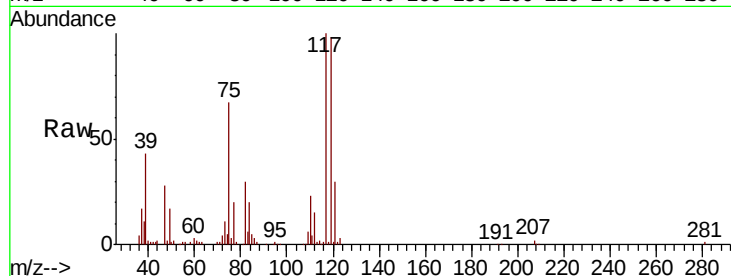
Tot Ion:117 Resp: 85011

Ion Ratio Lower Upper

117 100

119 97.2 76.3 114.5

121 29.8 24.2 36.4



#34

Benzene

Concen: 18.068 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

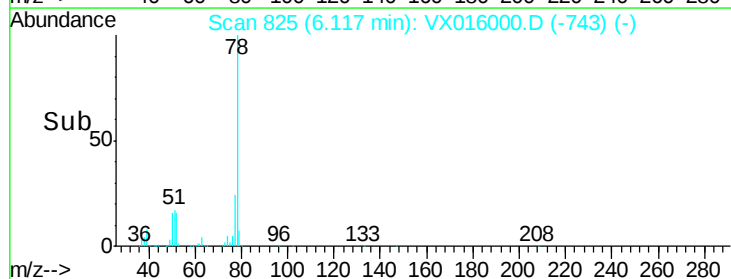
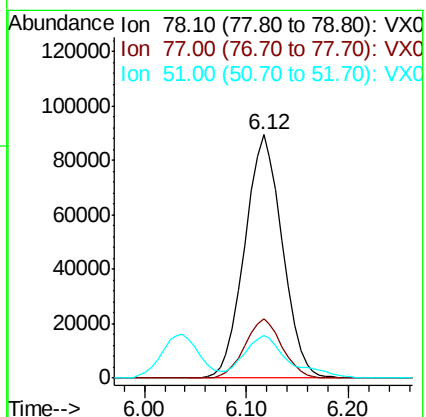
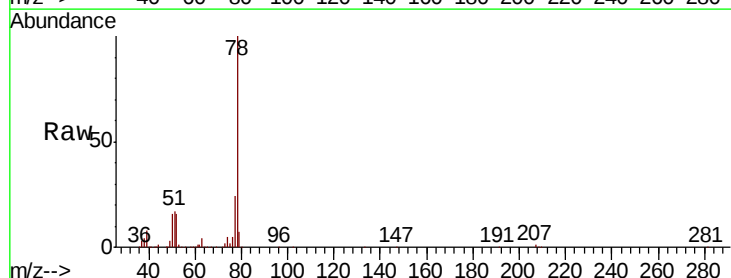
Tgt Ion: 78 Resp: 229163

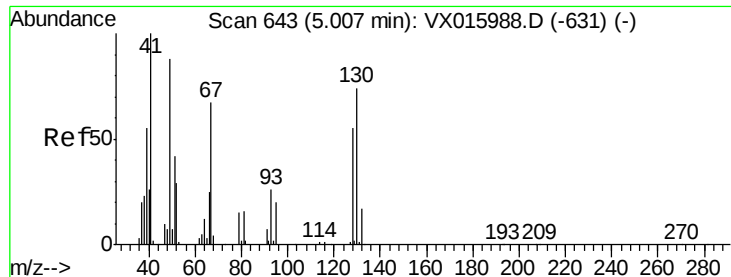
Ion Ratio Lower Upper

78 100

77 24.1 18.7 28.1

51 16.1 12.7 19.1

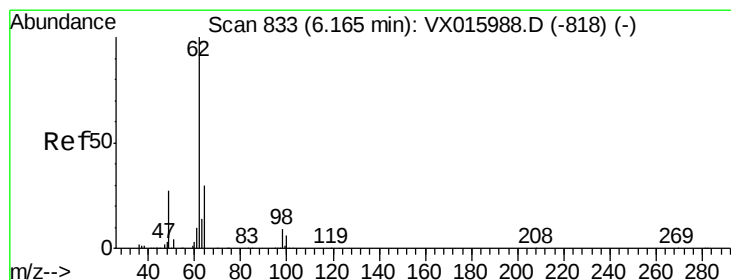
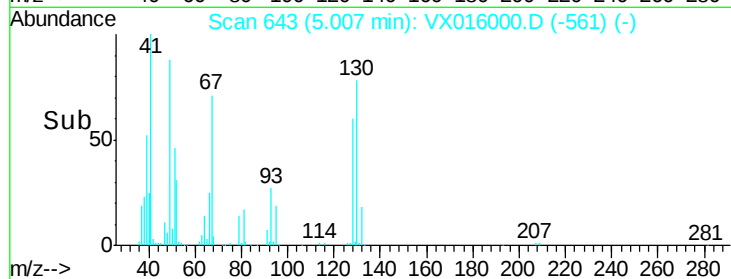
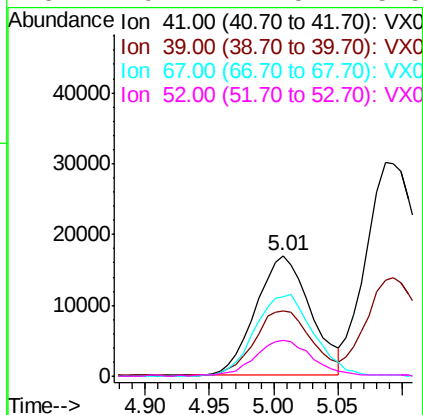
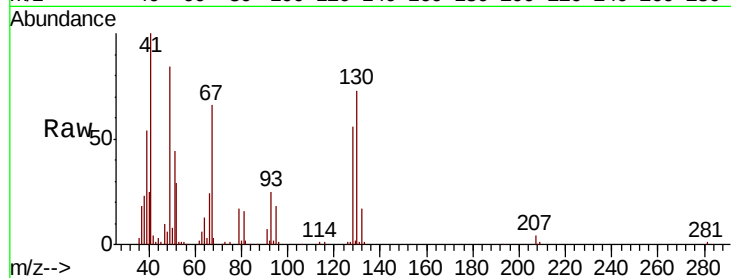




#35
Methacrylonitrile
Concen: 18.319 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

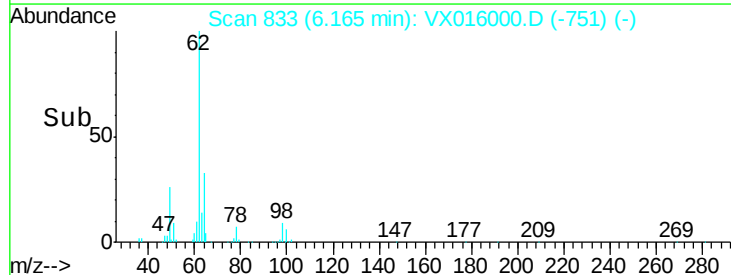
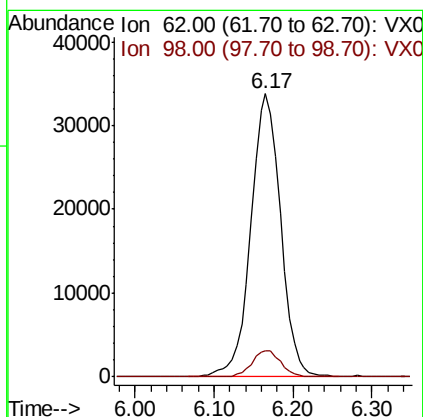
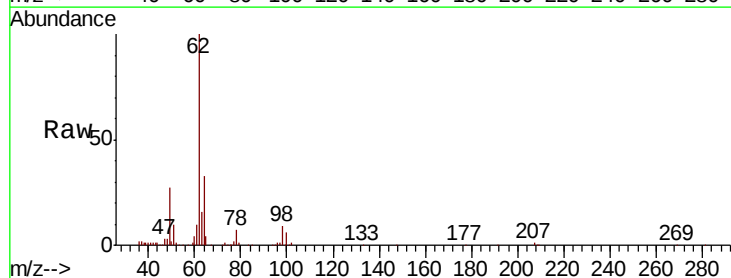
Instrument :
MSVOA_X
ClientSampled :

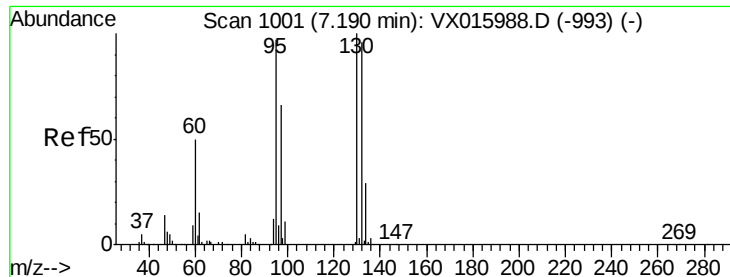
Tot Ion:	41	Resp:	50336
Ion	Ratio	Lower	Upper
41	100		
39	53.7	27.5	82.4
67	66.6	33.6	100.6
52	29.2	14.5	43.5



#36
1,2-Dichloroethane
Concen: 18.360 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Tgt Ion:	62	Resp:	88927
Ion	Ratio	Lower	Upper
62	100		
98	9.1	7.4	11.2





#37

Trichloroethene

Concen: 18.156 ug/l

RT: 7.20 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

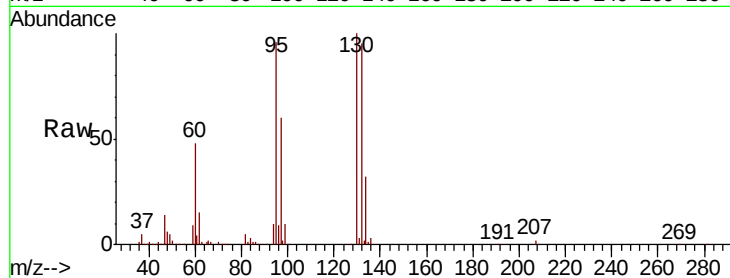
ClientSampleId :

Tot Ion:130 Resp: 81916

Ion Ratio Lower Upper

130 100

95 95.3 77.8 116.8



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

40000

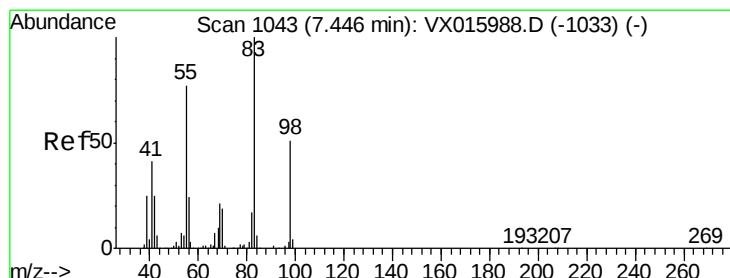
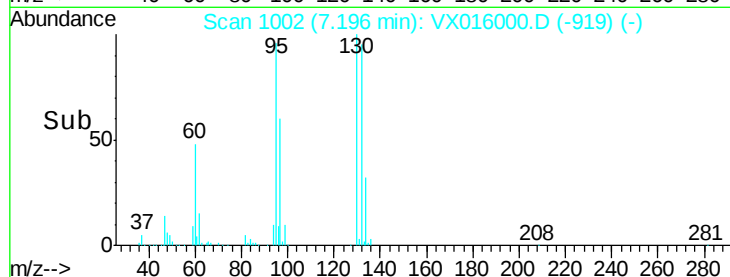
30000

20000

10000

0

Time-->



#38

Methylcyclohexane

Concen: 17.569 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

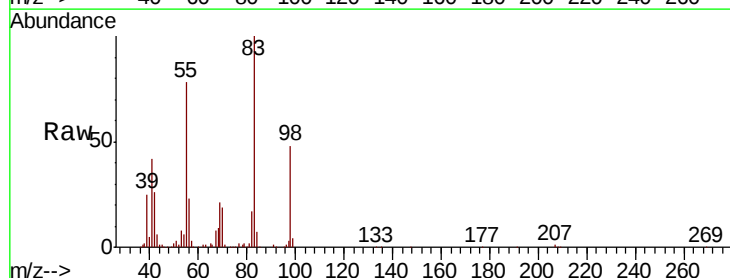
Tgt Ion: 83 Resp: 93229

Ion Ratio Lower Upper

83 100

55 76.9 38.8 116.4

98 48.7 25.1 75.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

7.44

50000

40000

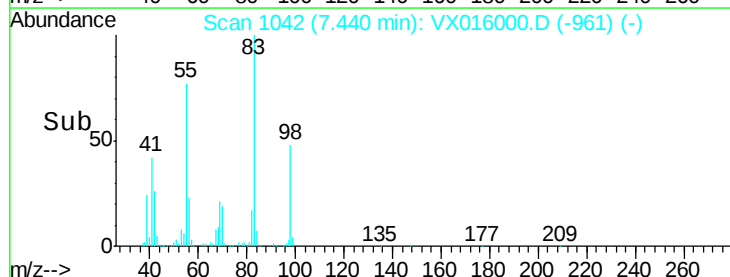
30000

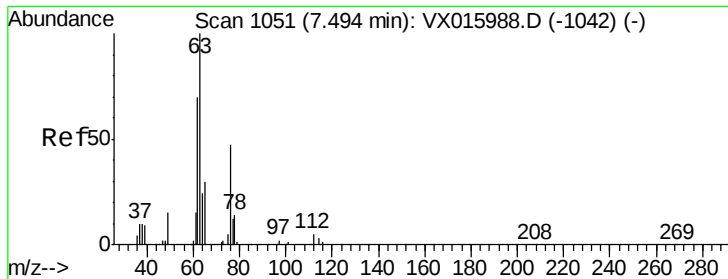
20000

10000

0

Time-->

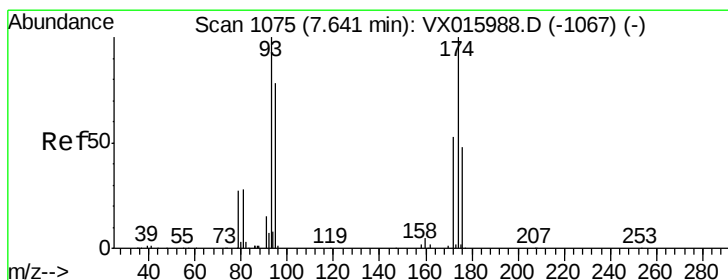
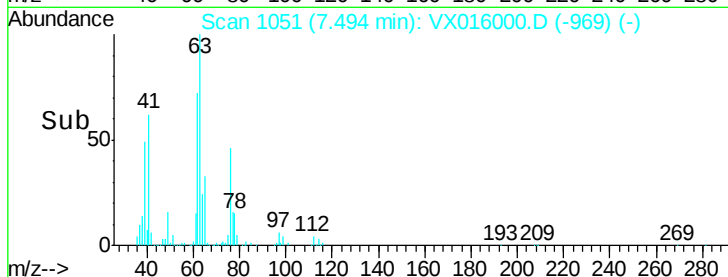
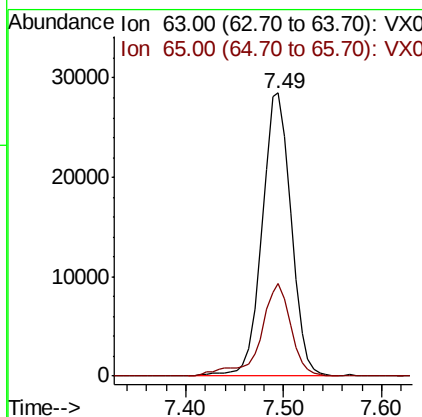
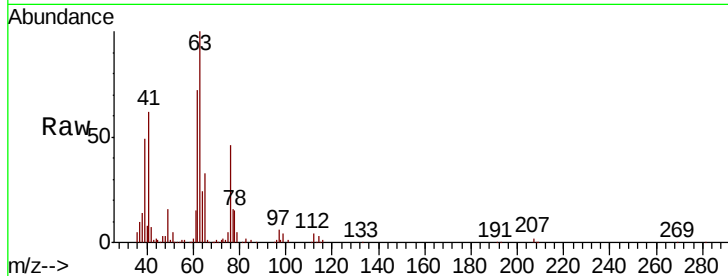




#39
 1,2-Dichloropropane
 Concen: 18.049 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VX016000.D
 Acq: 30 Apr 2020 17:08

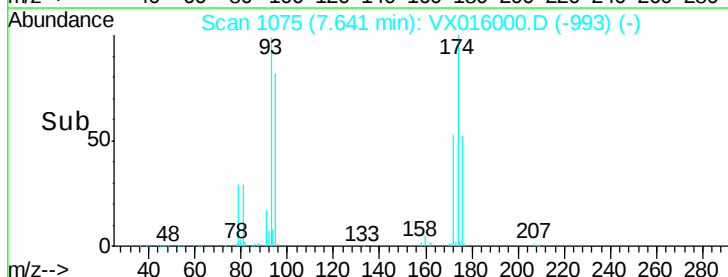
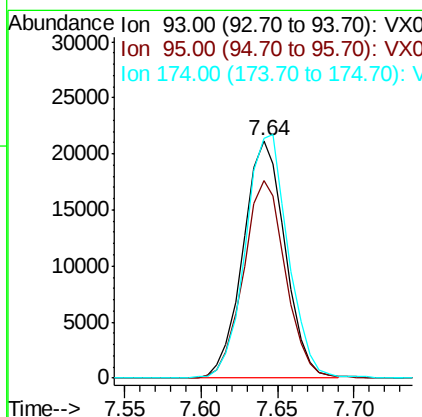
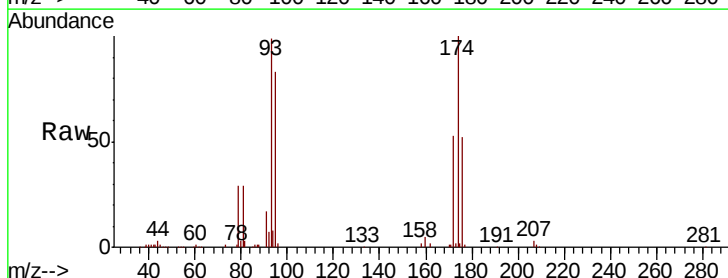
Instrument :
 MSVOA_X
 ClientSampleId :

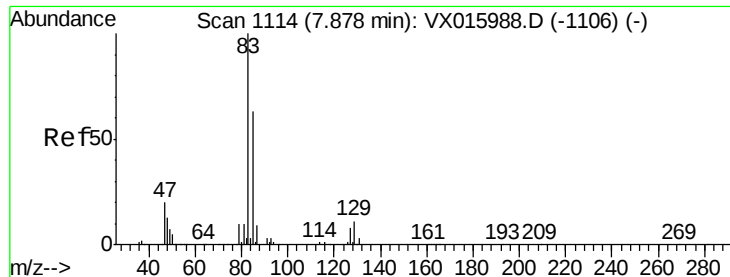
Tot Ion: 63 Resp: 58763
 Ion Ratio Lower Upper
 63 100
 65 32.6 25.9 38.9



#40
 Dibromomethane
 Concen: 17.918 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX016000.D
 Acq: 30 Apr 2020 17:08

Tgt Ion: 93 Resp: 40507
 Ion Ratio Lower Upper
 93 100
 95 82.8 0.0 162.8
 174 104.0 0.0 204.0





#41

Bromodichloromethane

Concen: 17.700 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

ClientSampleId :

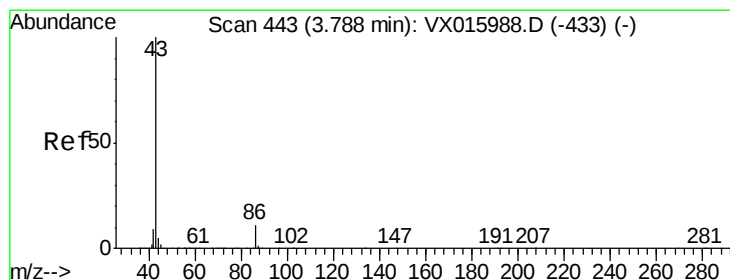
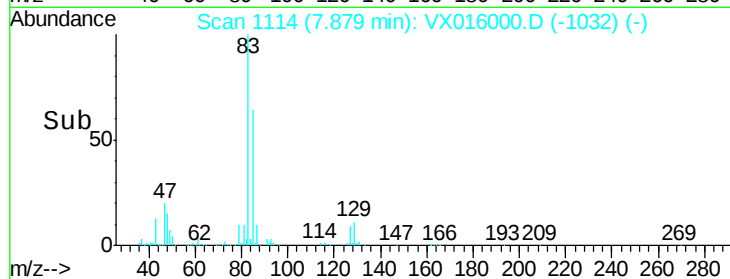
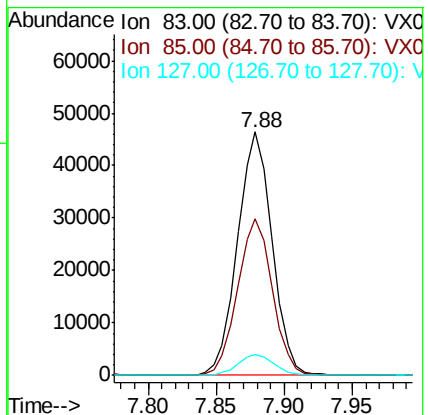
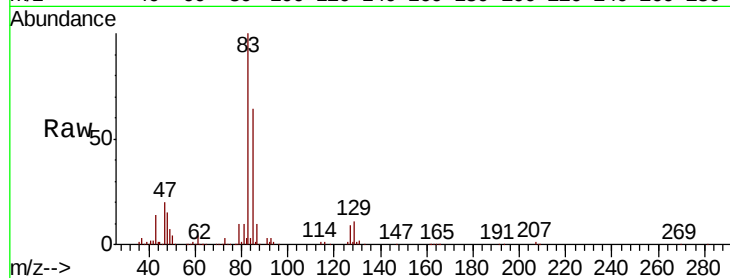
Tot Ion: 83 Resp: 82492

Ion Ratio Lower Upper

83 100

85 64.1 50.4 75.6

127 8.6 6.7 10.1



#42

Vinyl Acetate

Concen: 90.304 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX016000.D

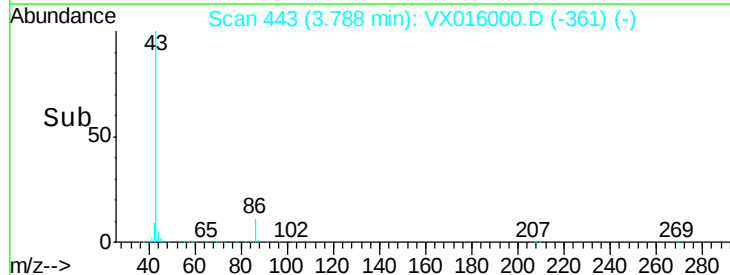
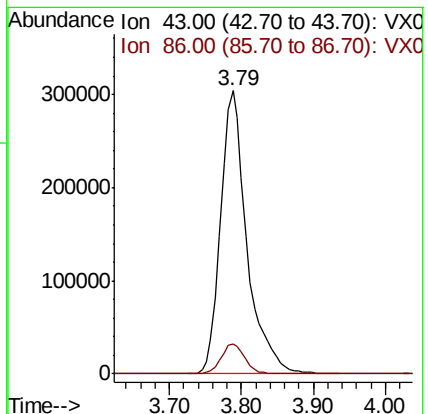
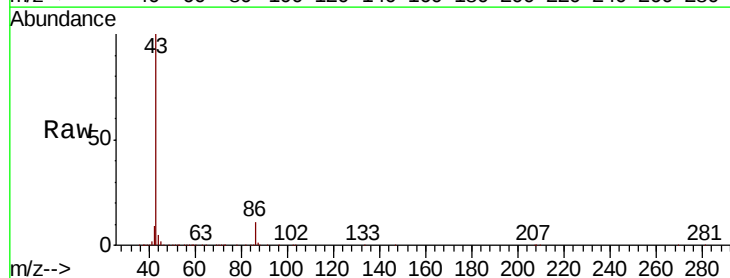
Acq: 30 Apr 2020 17:08

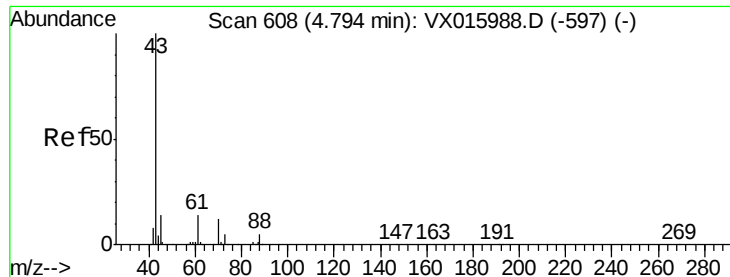
Tgt Ion: 43 Resp: 772996

Ion Ratio Lower Upper

43 100

86 9.5 7.7 11.5

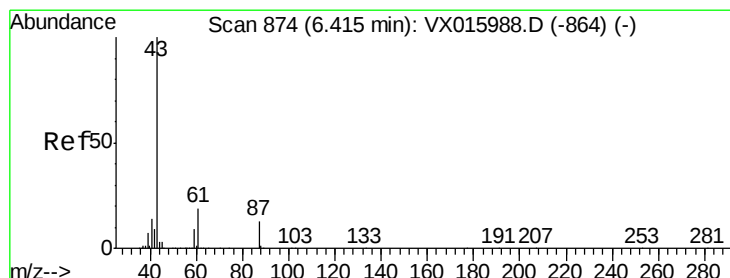
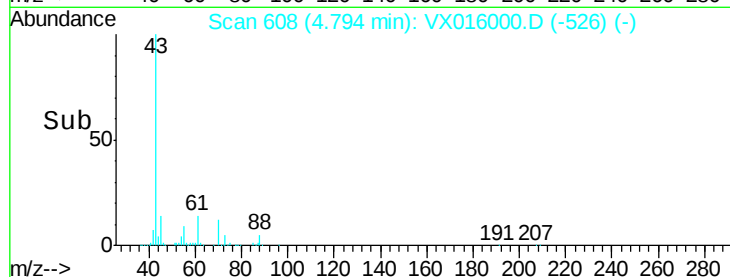
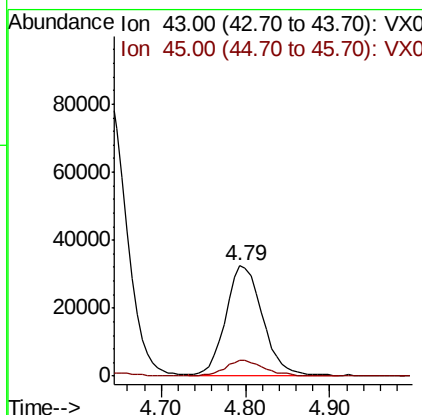
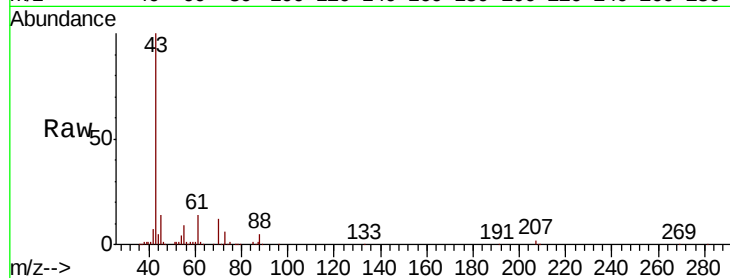




#43
Ethyl Acetate
Concen: 18.844 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

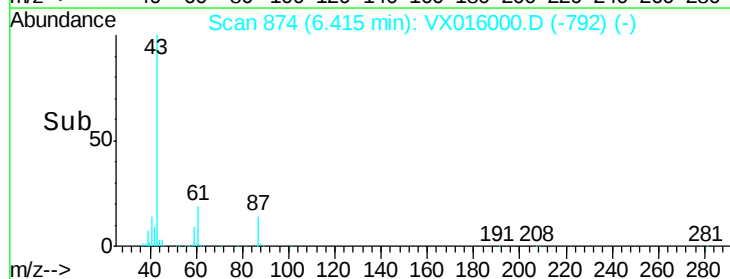
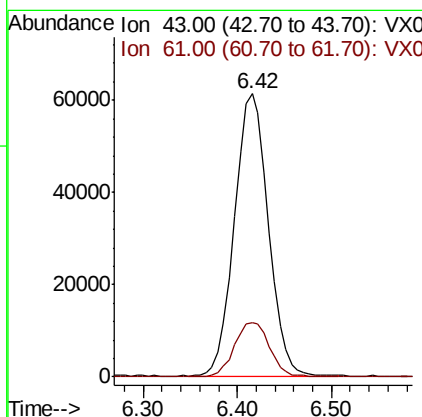
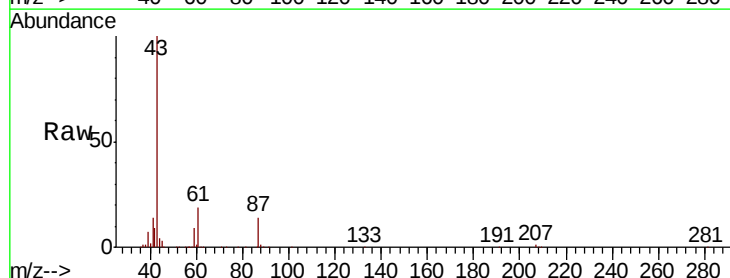
Instrument :
MSVOA_X
ClientSampleId :

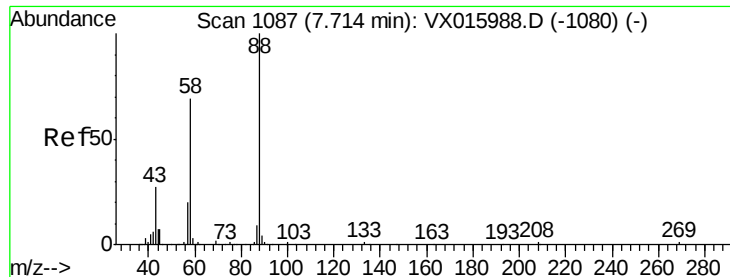
Tot Ion: 43 Resp: 96177
Ion Ratio Lower Upper
43 100
45 14.9 11.9 17.9



#44
Isopropyl Acetate
Concen: 18.521 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Tgt Ion: 43 Resp: 153394
Ion Ratio Lower Upper
43 100
61 20.2 16.1 24.1





#45

1,4-Dioxane

Concen: 366.301 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

ClientSampleId :

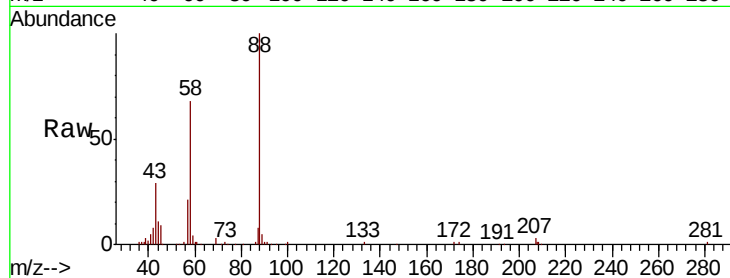
Tot Ion: 88 Resp: 32046

Ion Ratio Lower Upper

88 100

43 32.7 26.3 39.5

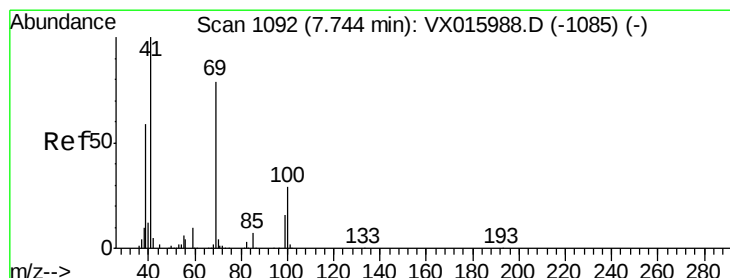
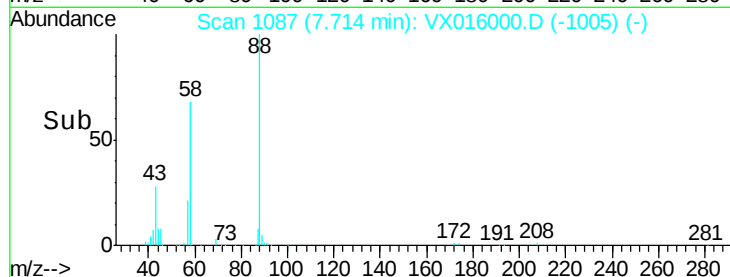
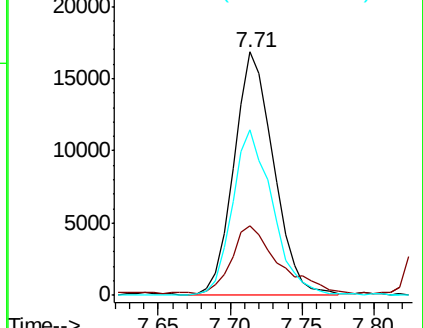
58 69.8 57.0 85.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 18.085 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

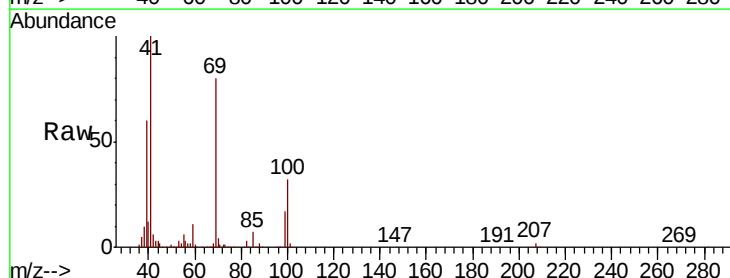
Tgt Ion: 41 Resp: 71010

Ion Ratio Lower Upper

41 100

69 80.4 39.5 118.5

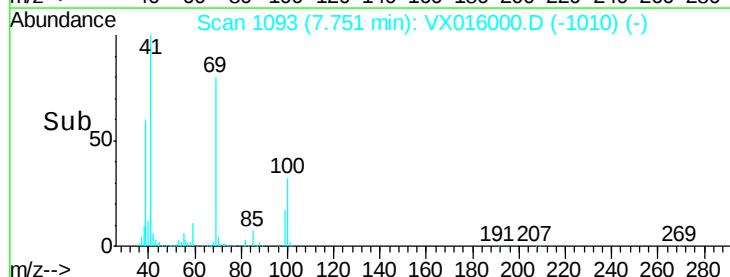
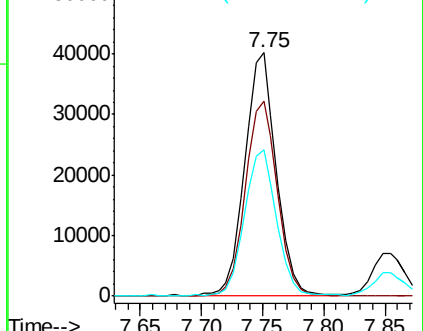
39 59.9 29.6 88.9

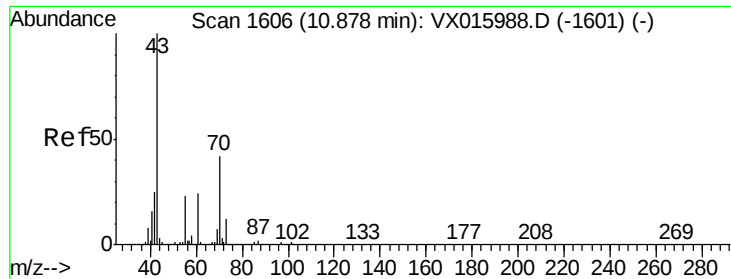


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 17.477 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

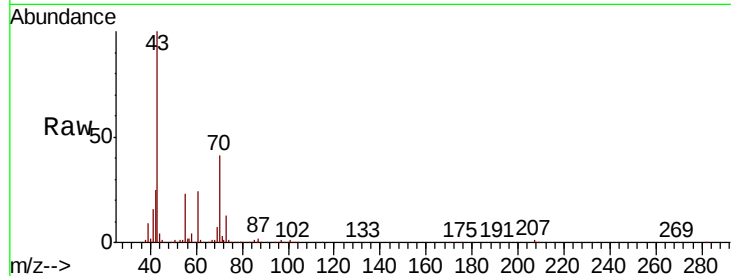
ClientSampleId :

Tot Ion: 43 Resp: 126570

Ion Ratio Lower Upper

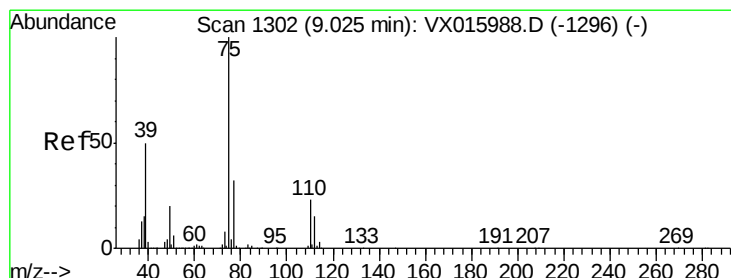
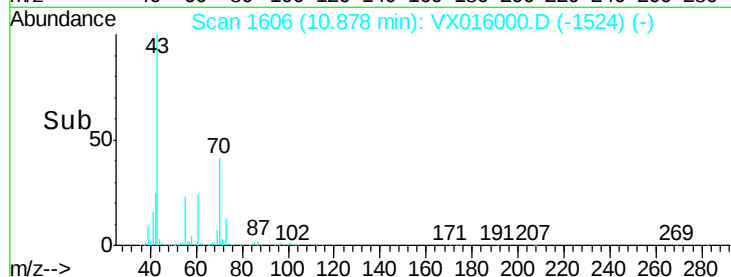
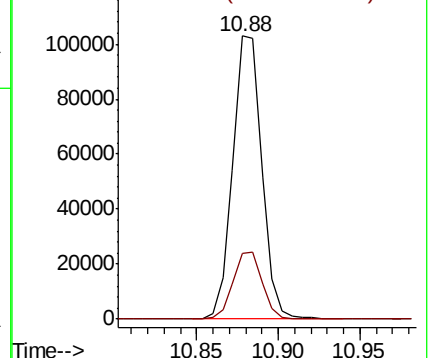
43 100

55 24.1 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: 17.553 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016000.D

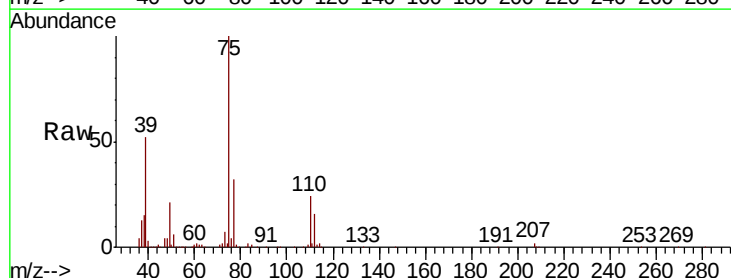
Acq: 30 Apr 2020 17:08

Tgt Ion: 75 Resp: 94997

Ion Ratio Lower Upper

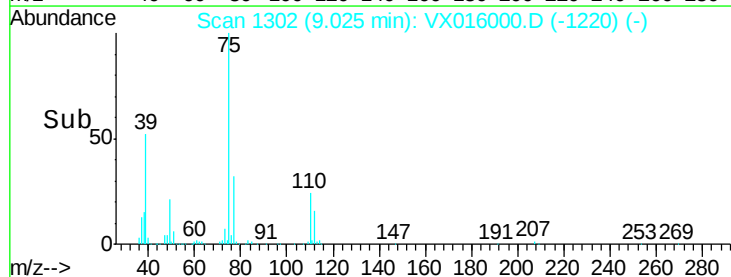
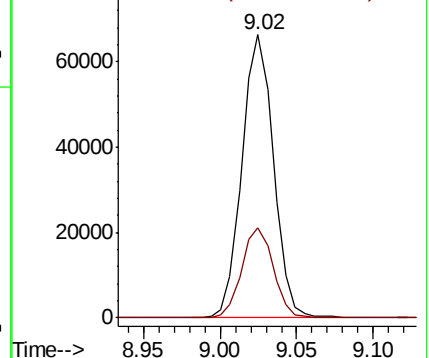
75 100

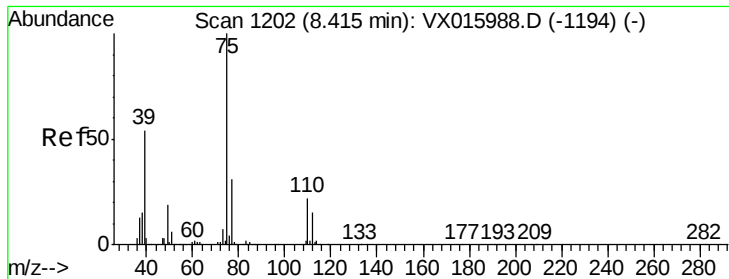
77 31.8 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



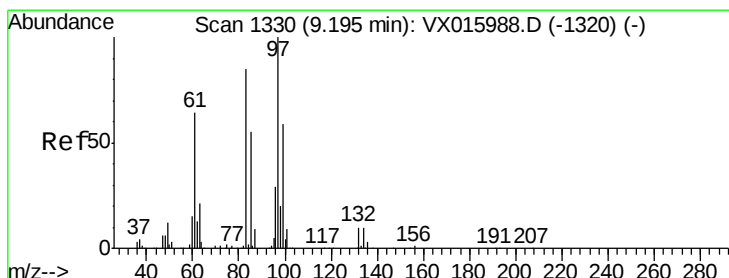
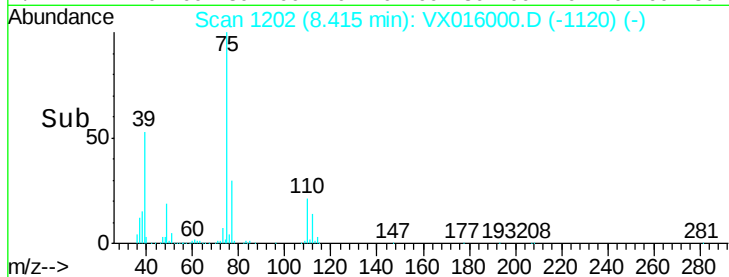
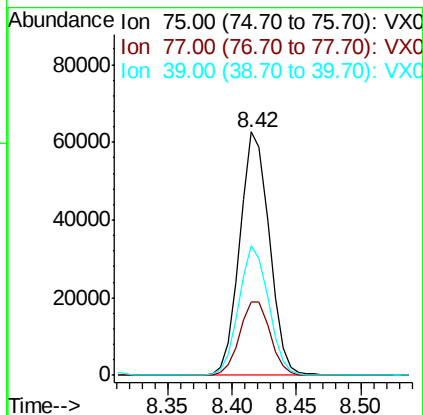
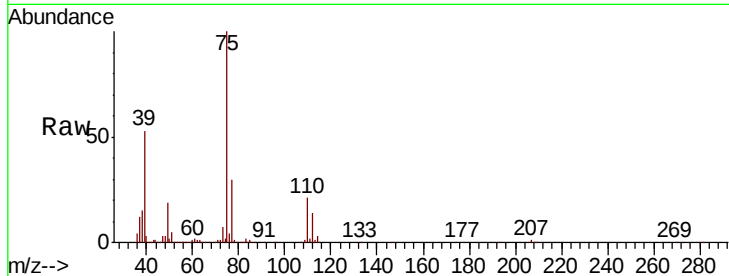


#49

cis-1,3-Dichloropropene
 Concen: 17.839 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX016000.D
 Acq: 30 Apr 2020 17:08

Instrument :
 MSVOA_X
 ClientSampleId :

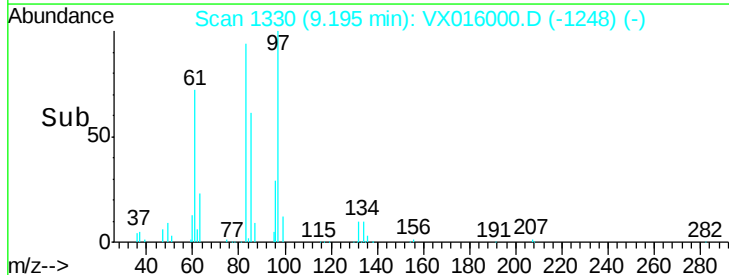
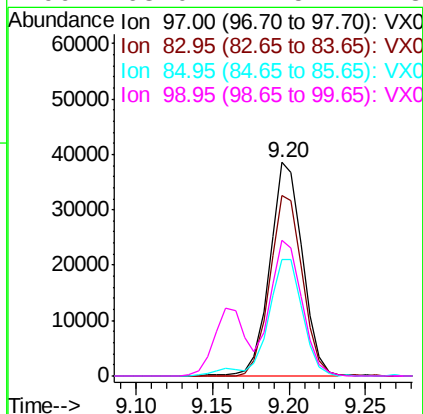
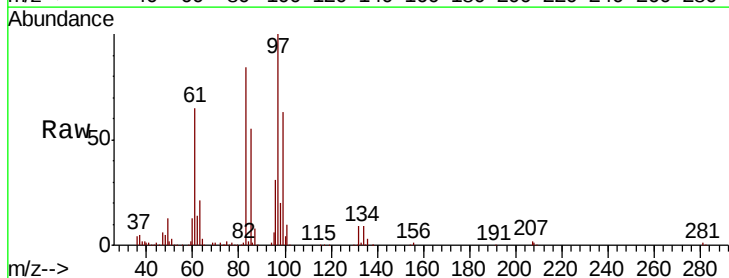
Tot Ion	Ratio	Lower	Upper
75	100		
77	30.4	25.0	37.6
39	53.0	43.2	64.8

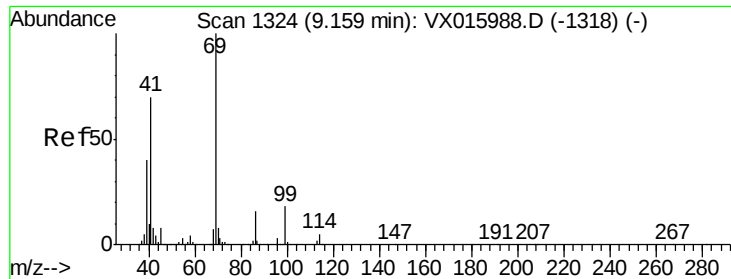


#50

1,1,2-Trichloroethane
 Concen: 18.003 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016000.D
 Acq: 30 Apr 2020 17:08

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.5	67.7	101.5
85	54.6	43.7	65.5
99	63.0	47.5	71.3





#51

Ethyl methacrylate

Concen: 17.878 ug/l

RT: 9.16 min Scan# 1324

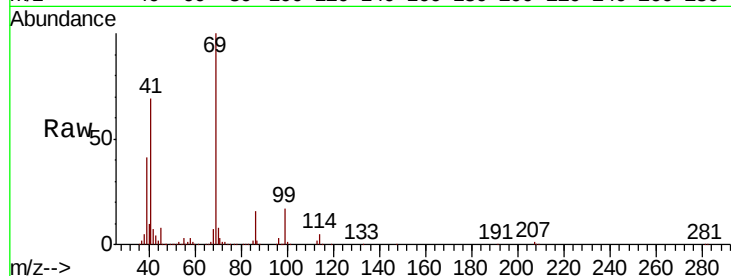
Delta R.T. 0.00 min

Lab File: VX016000.D

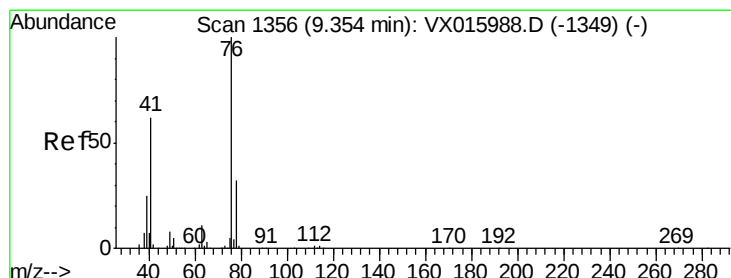
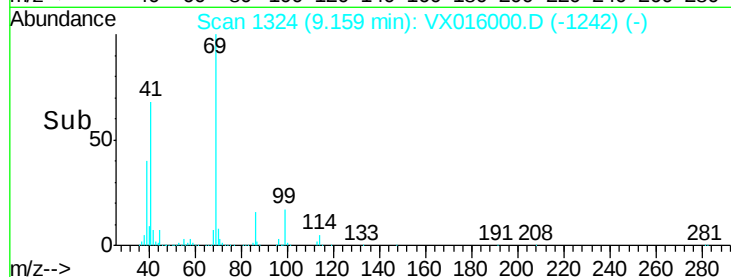
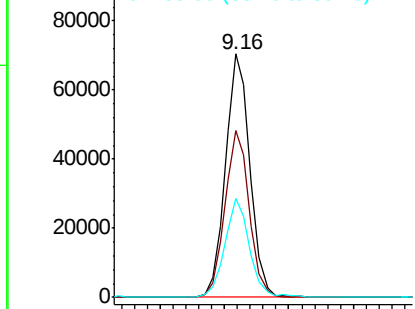
Acq: 30 Apr 2020 17:08

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	69	Resp:	94050
Ion	Ratio	Lower	Upper
69	100		
41	68.6	34.8	104.4
39	40.4	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: 18.161 ug/l

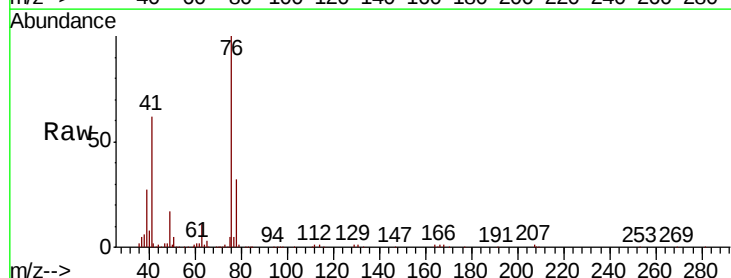
RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

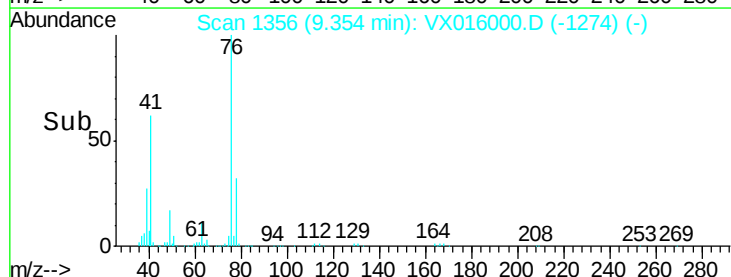
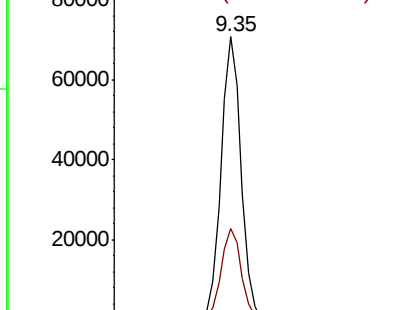
Lab File: VX016000.D

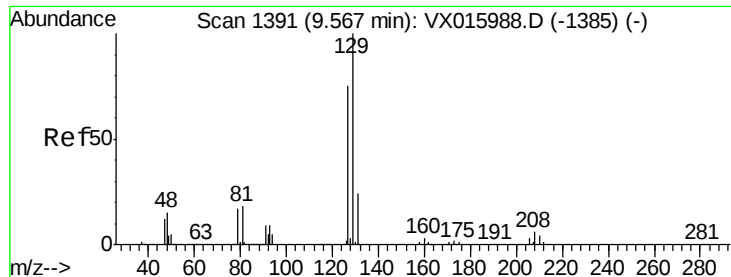
Acq: 30 Apr 2020 17:08

Tgt Ion:	76	Resp:	100018
Ion	Ratio	Lower	Upper
76	100		
78	32.7	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: 17.337 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

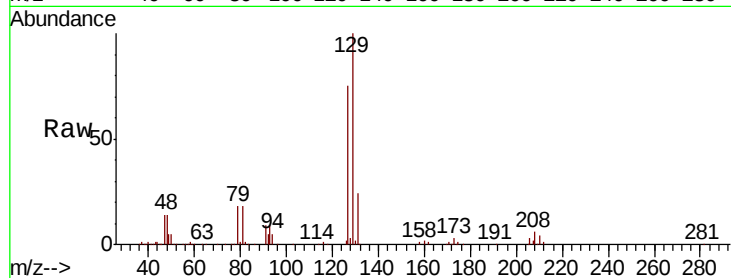
ClientSampleId :

Tot Ion:129 Resp: 62837

Ion Ratio Lower Upper

129 100

127 76.6 38.3 114.9



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.57

50000

40000

30000

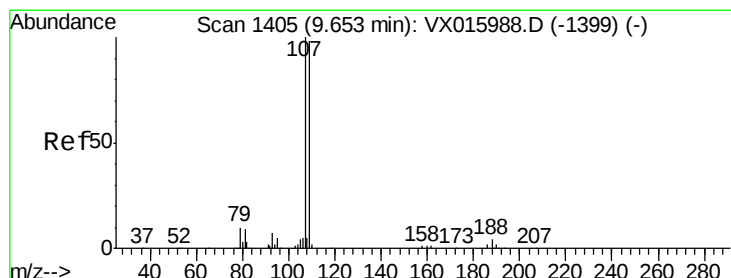
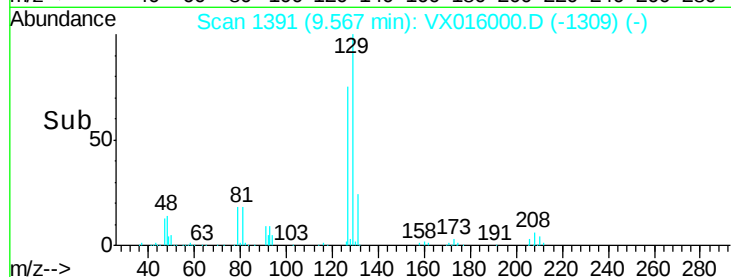
20000

10000

0

9.50 9.55 9.60 9.65

Time-->



#54

1,2-Dibromoethane

Concen: 17.693 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016000.D

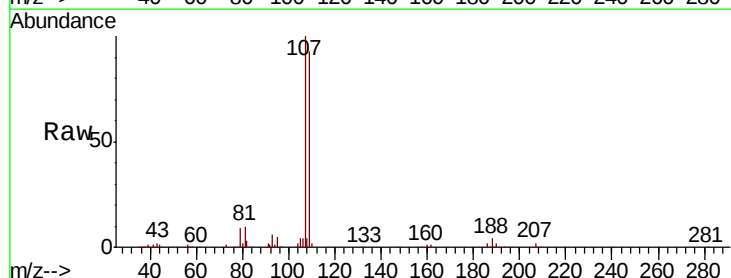
Acq: 30 Apr 2020 17:08

Tgt Ion:107 Resp: 61949

Ion Ratio Lower Upper

107 100

109 93.6 74.7 112.1



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.65

50000

40000

30000

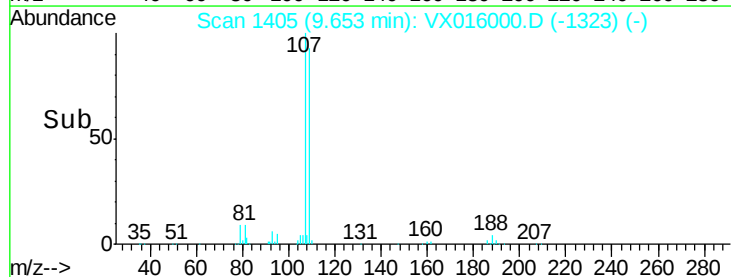
20000

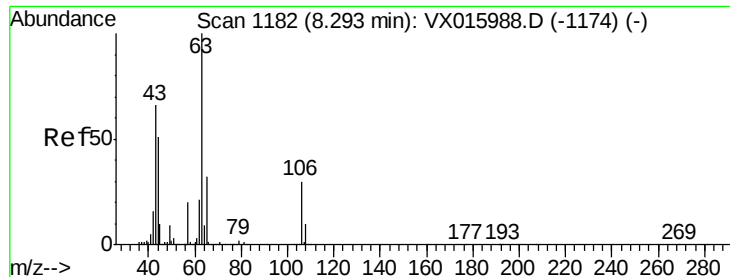
10000

0

9.60 9.65 9.70

Time-->





#55

2-Chloroethyl vinyl ether

Concen: 90.025 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

ClientSampleId :

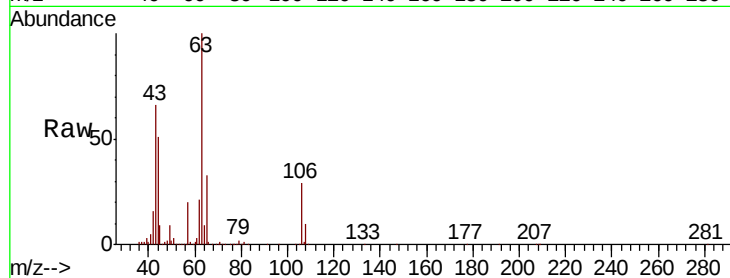
Tot Ion: 63 Resp: 257648

Ion Ratio Lower Upper

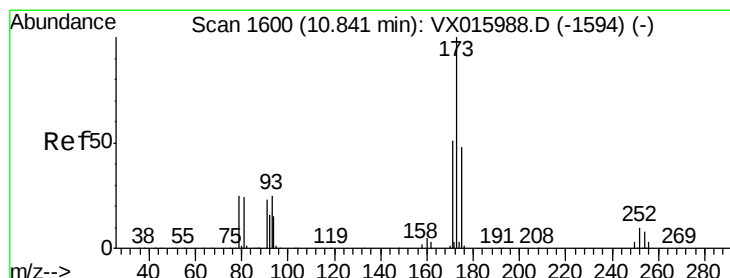
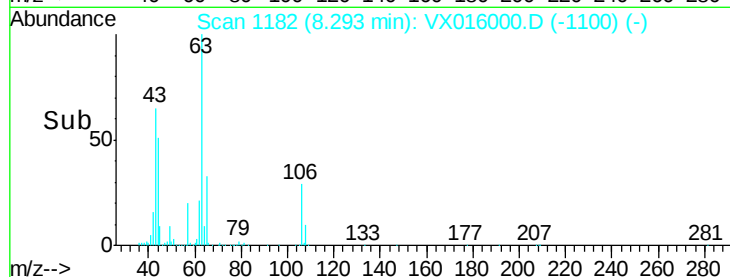
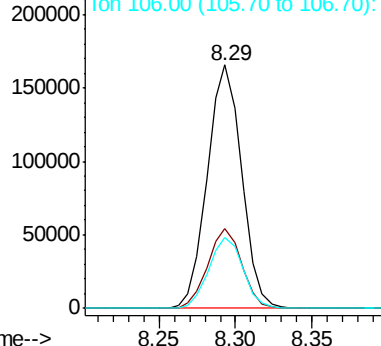
63 100

65 32.5 25.6 38.4

106 29.1 23.4 35.0



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



#56

Bromoform

Concen: 16.402 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

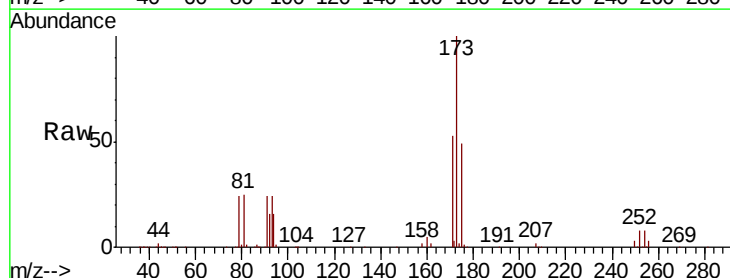
Tgt Ion: 173 Resp: 44793

Ion Ratio Lower Upper

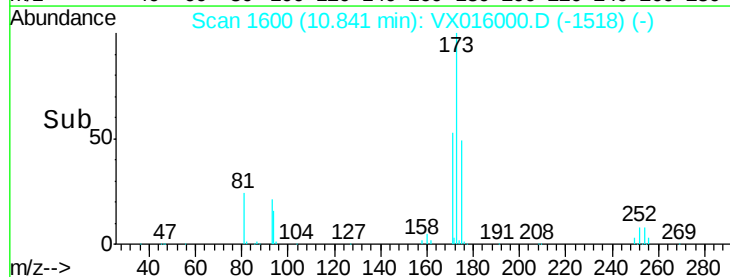
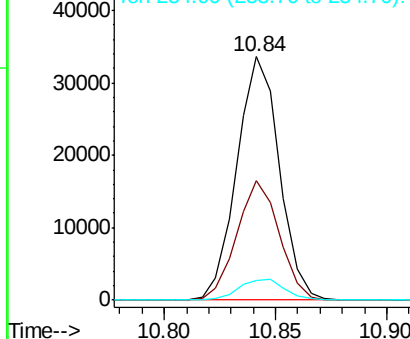
173 100

175 49.0 38.0 57.0

254 9.2 6.8 10.2



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

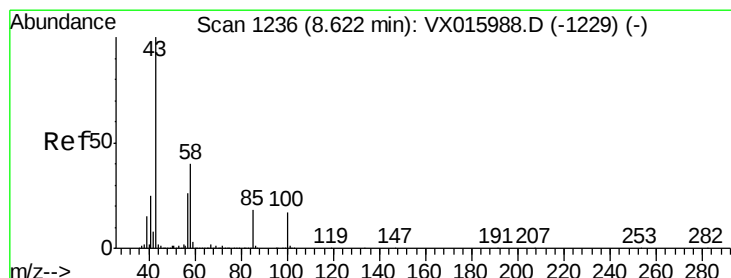
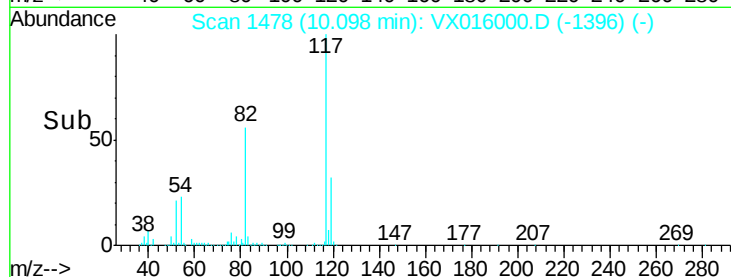
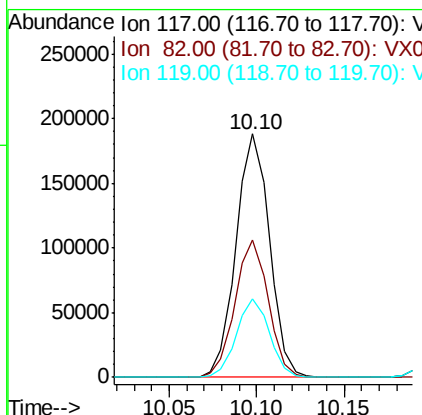
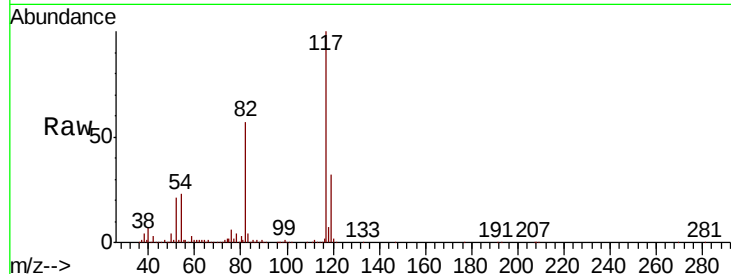




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

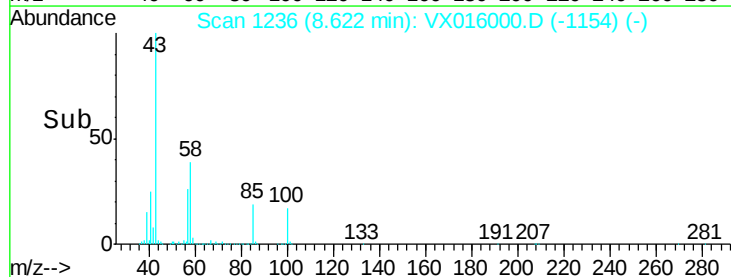
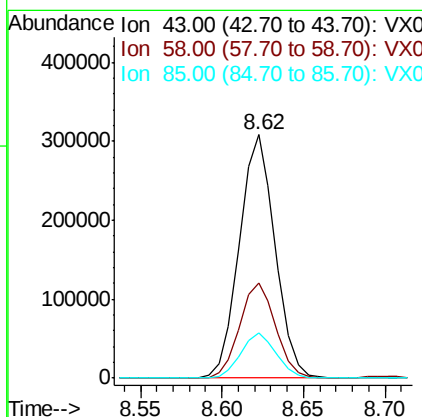
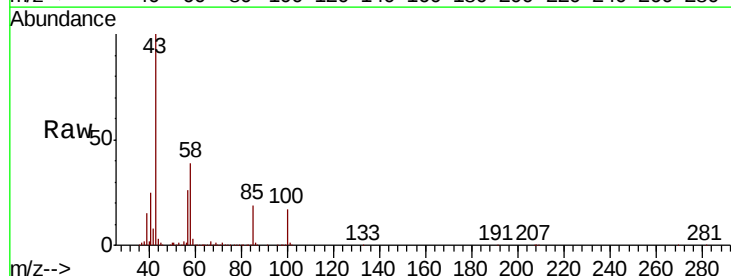
Instrument :
MSVOA_X
ClientSampleId :

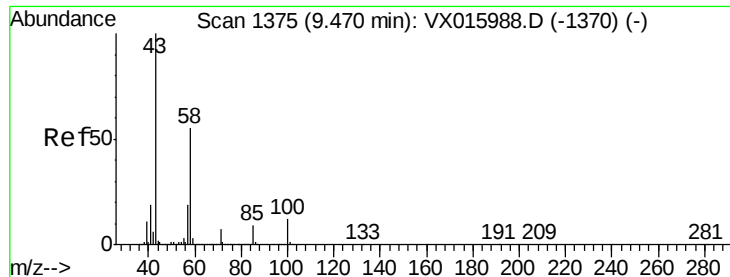
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	45.1	67.7
119	32.0	25.6	38.4



#58
4-Methyl-2-Pentanone
Concen: 94.751 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.5	31.8	47.6
85	18.3	14.5	21.7

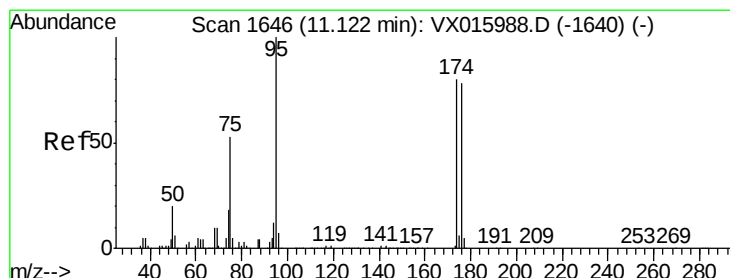
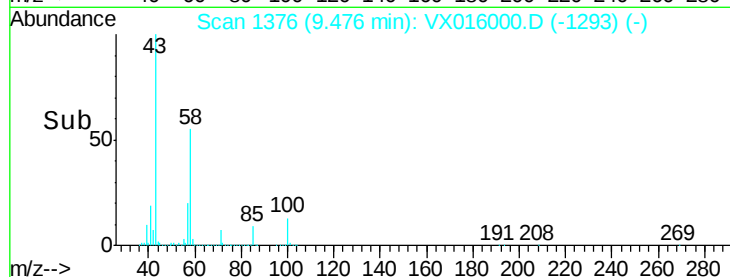
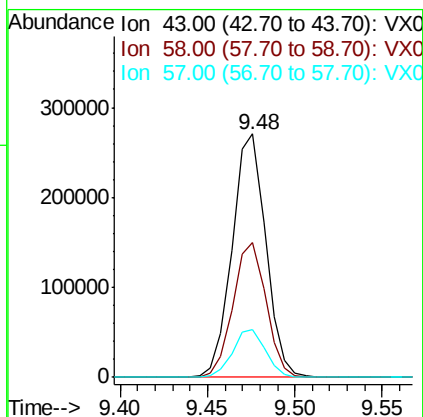
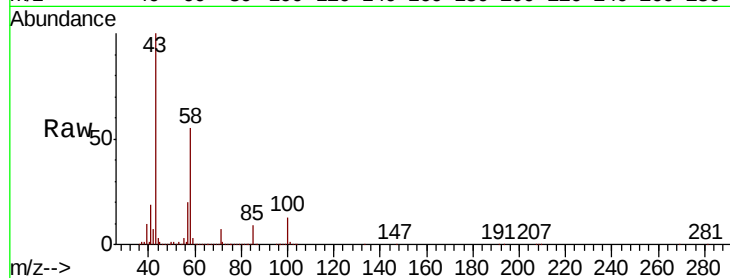




#59
2-Hexanone
Concen: 94.687 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

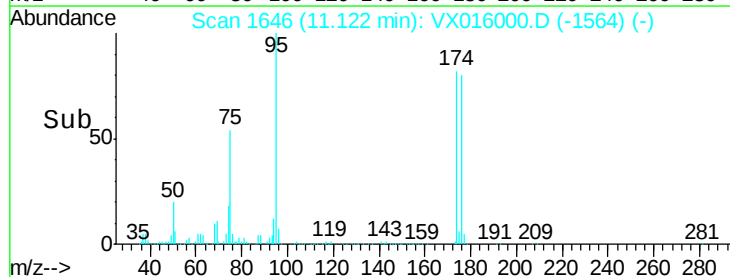
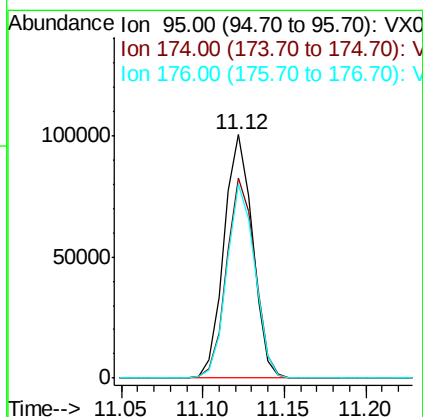
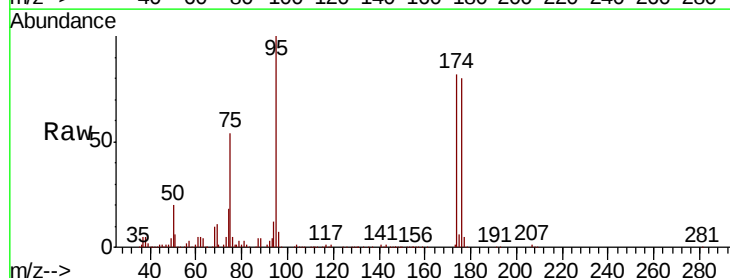
Instrument :
MSVOA_X
ClientSampleId :

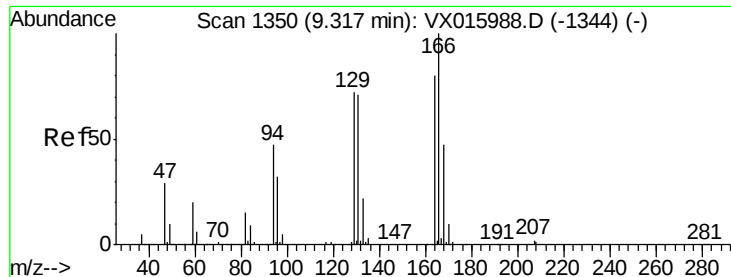
Tot Ion: 43 Resp: 362058
Ion Ratio Lower Upper
43 100
58 54.8 44.0 66.0
57 19.4 15.5 23.3



#60
4-Bromofluorobenzene
Concen: 29.213 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Tgt Ion: 95 Resp: 122977
Ion Ratio Lower Upper
95 100
174 81.7 64.8 97.2
176 78.1 62.4 93.6

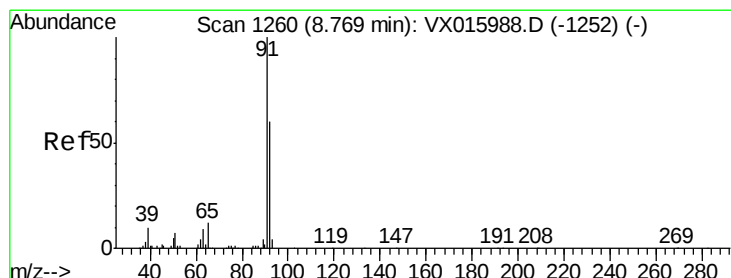
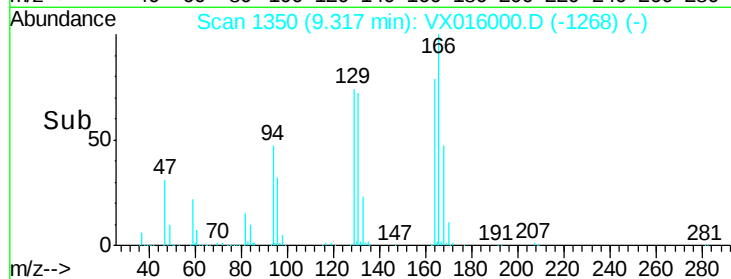
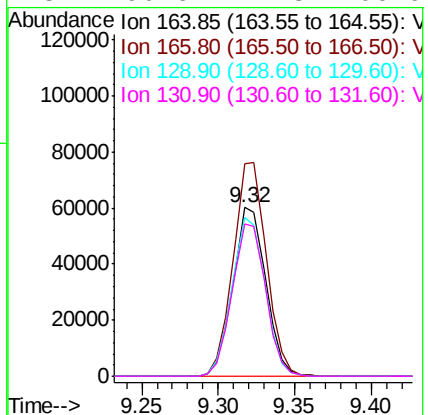
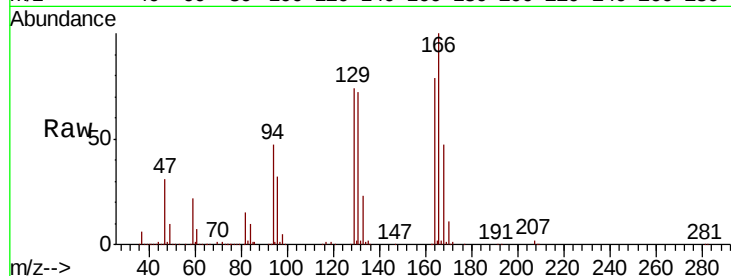




#61
Tetrachloroethene
Concen: 18.176 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

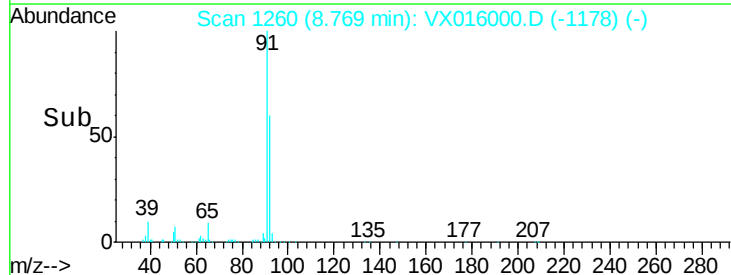
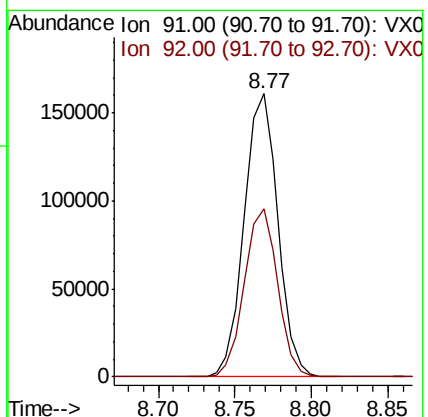
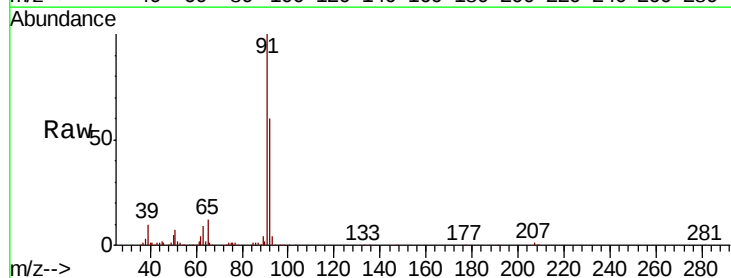
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
166	126.1	100.1	150.1
129	93.9	72.2	108.4
131	90.6	71.3	106.9



#62
Toluene
Concen: 18.354 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.9	47.2	70.8





#63

Toluene-d8

Concen: 30.550 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

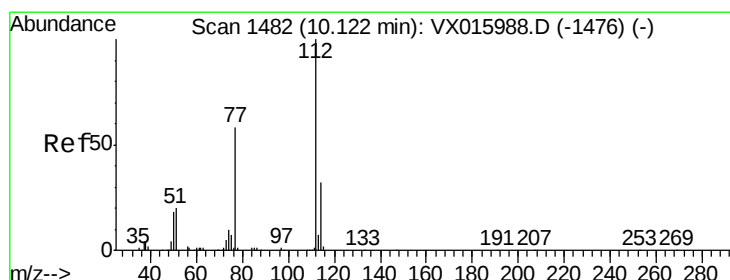
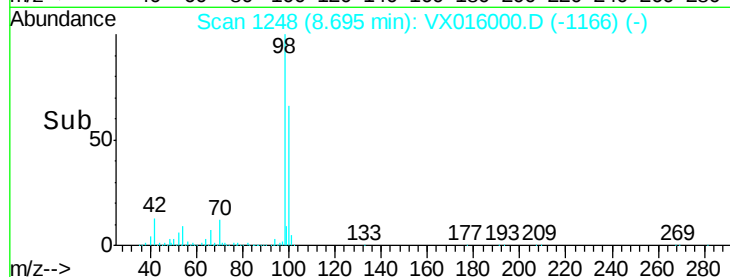
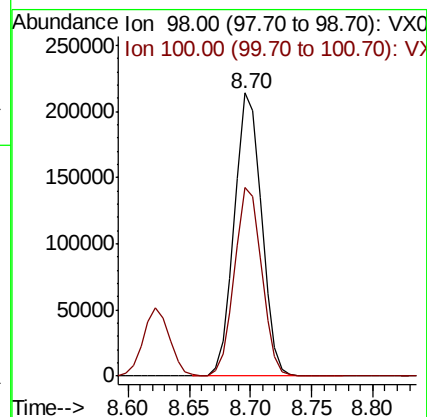
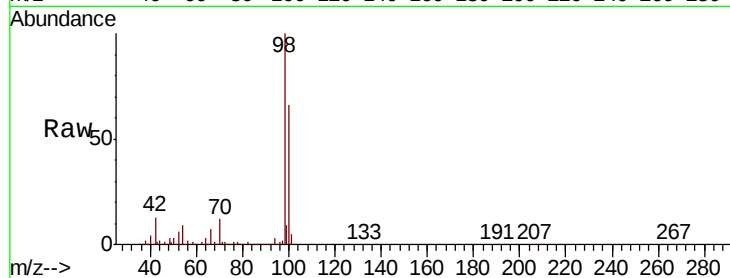
ClientSampleId :

Tot Ion: 98 Resp: 328981

Ion Ratio Lower Upper

98 100

100 66.4 52.5 78.7



#64

Chlorobenzene

Concen: 18.009 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016000.D

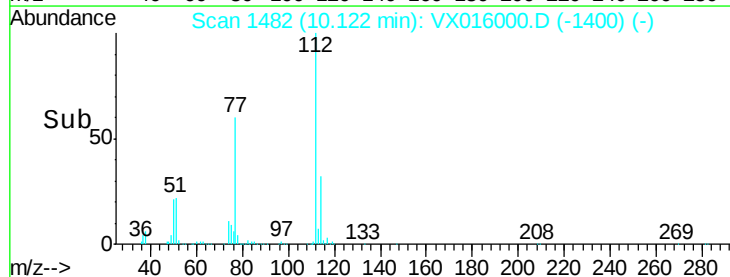
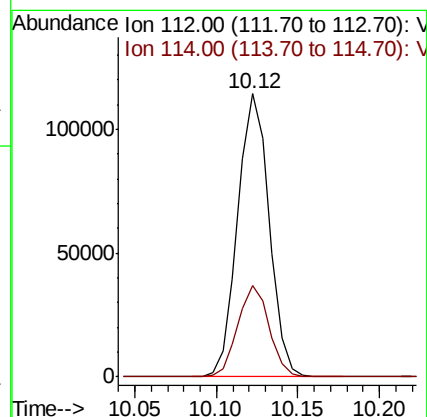
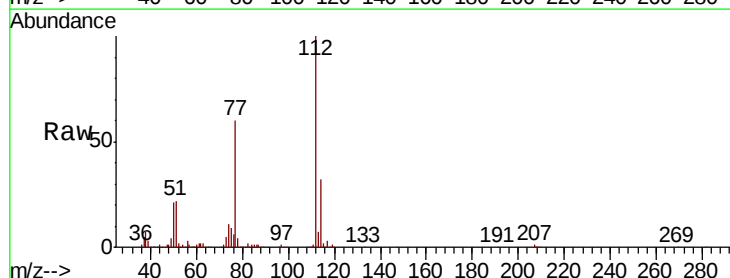
Acq: 30 Apr 2020 17:08

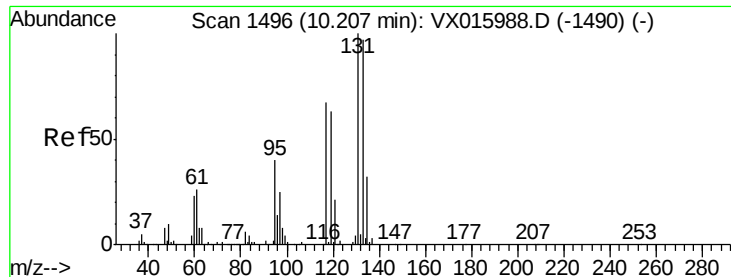
Tgt Ion: 112 Resp: 153780

Ion Ratio Lower Upper

112 100

114 32.4 25.8 38.6





#65

1,1,1,2-Tetrachloroethane

Concen: 17.990 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

ClientSampled :

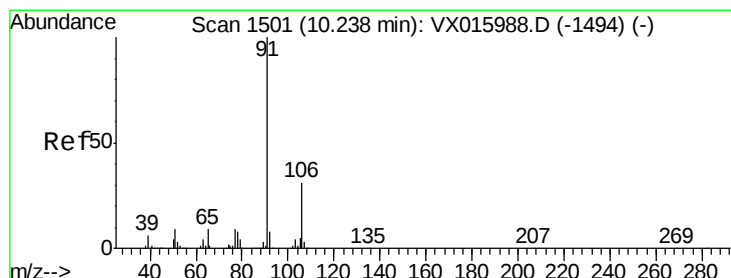
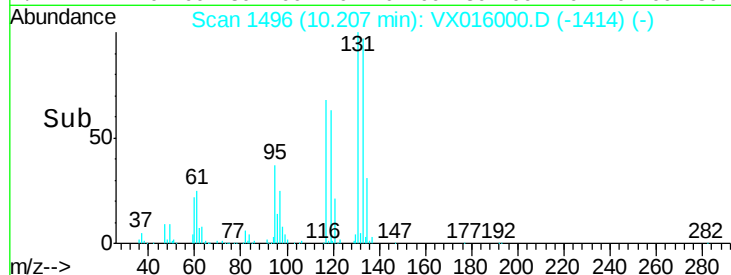
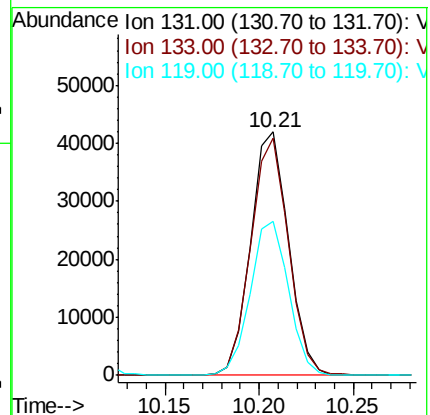
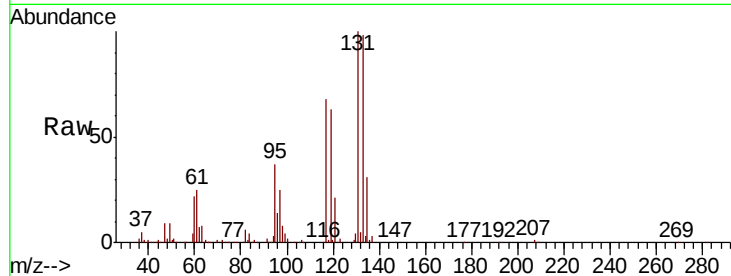
Tot Ion:131 Resp: 58319

Ion Ratio Lower Upper

131 100

133 96.3 0.0 187.0

119 63.4 0.0 129.0



#66

Ethyl Benzene

Concen: 18.080 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX016000.D

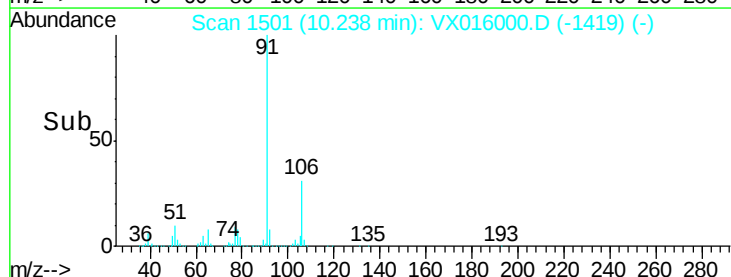
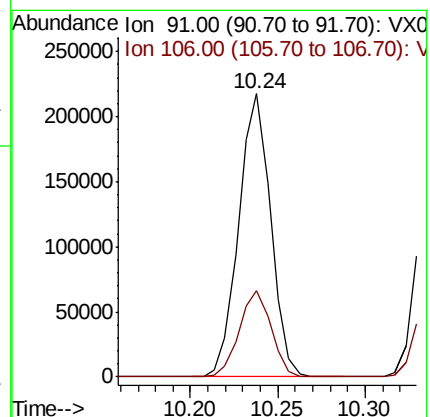
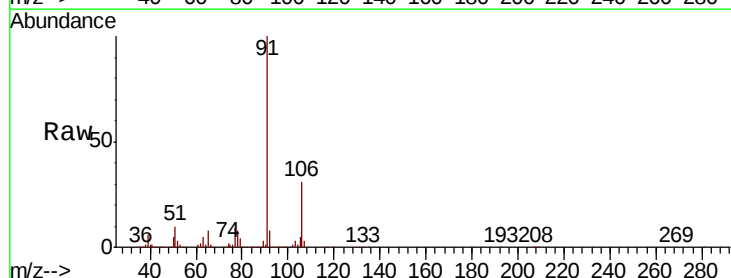
Acq: 30 Apr 2020 17:08

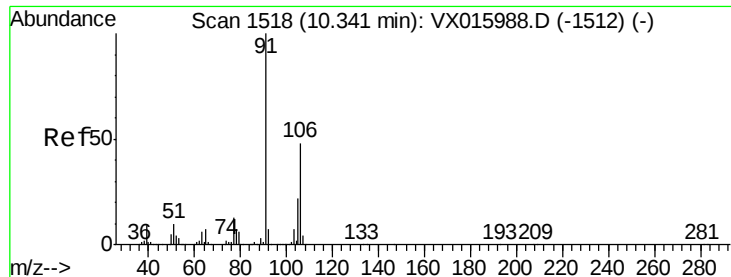
Tgt Ion: 91 Resp: 276096

Ion Ratio Lower Upper

91 100

106 30.7 24.8 37.2

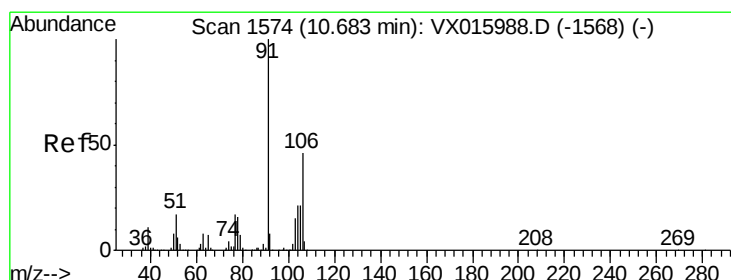
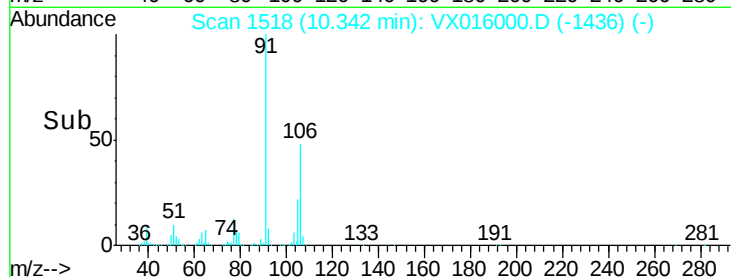
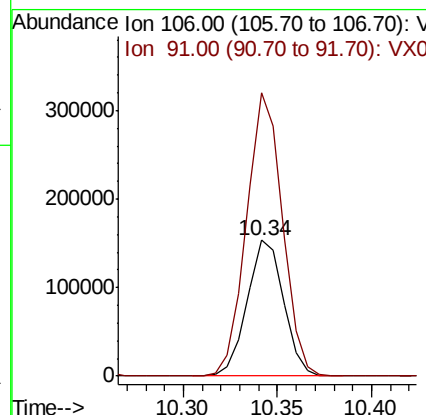
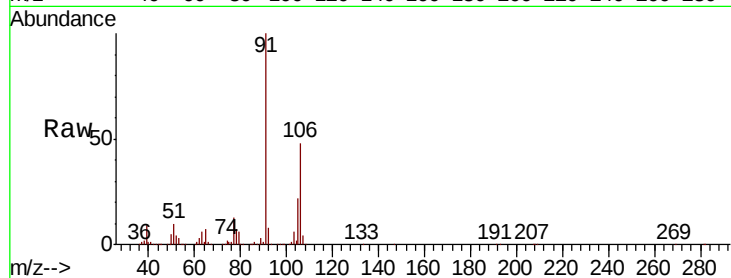




#67
m/p-Xylenes
Concen: 35.456 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

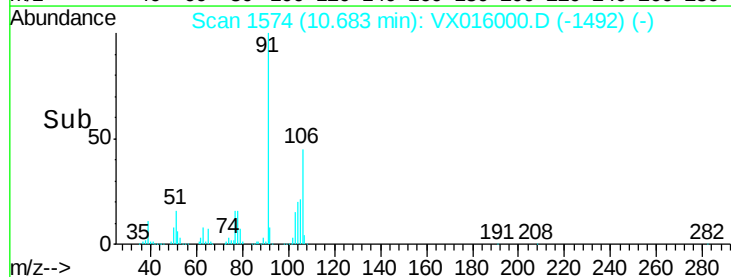
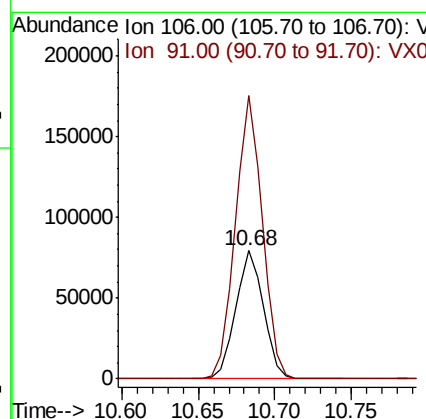
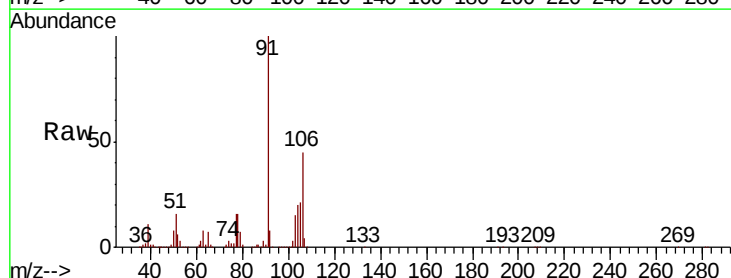
Instrument :
MSVOA_X
ClientSampleId :

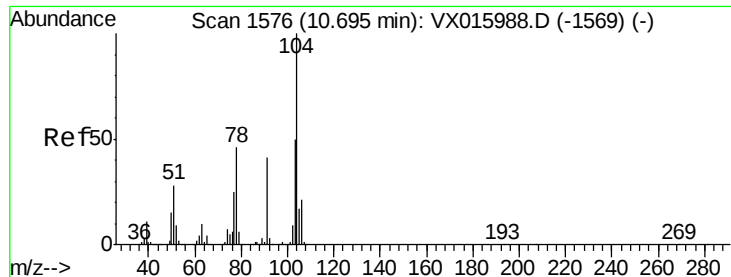
Tot Ion:106 Resp: 206266
Ion Ratio Lower Upper
106 100
91 205.0 164.2 246.4



#68
o-Xylene
Concen: 17.704 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Tgt Ion:106 Resp: 99318
Ion Ratio Lower Upper
106 100
91 215.8 108.3 325.0

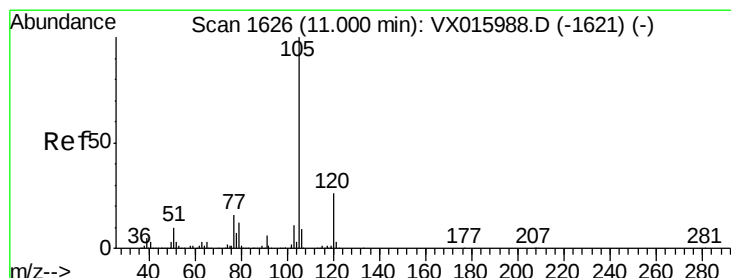
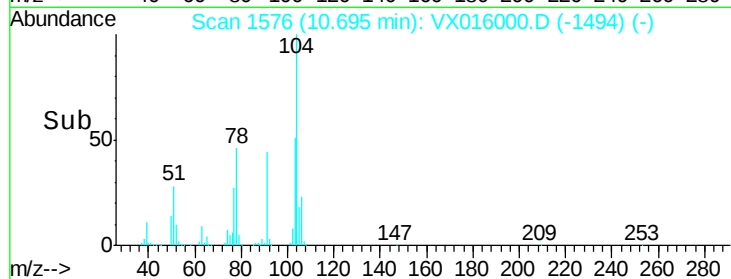
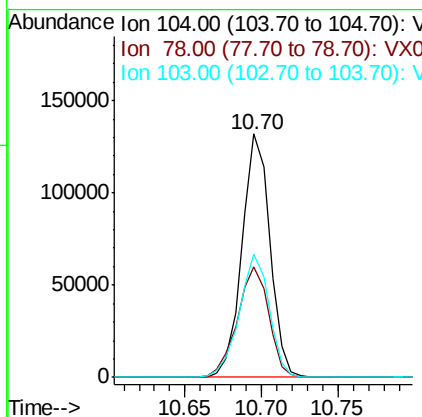
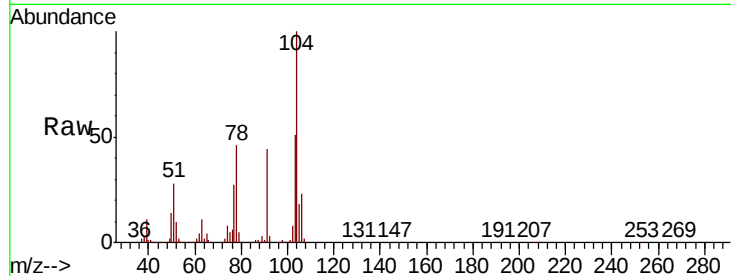




#69
Stvrene
Concen: 17.434 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

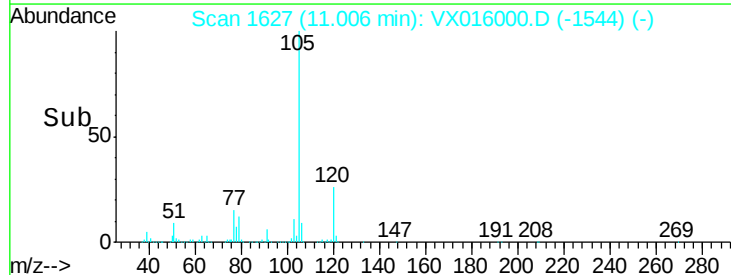
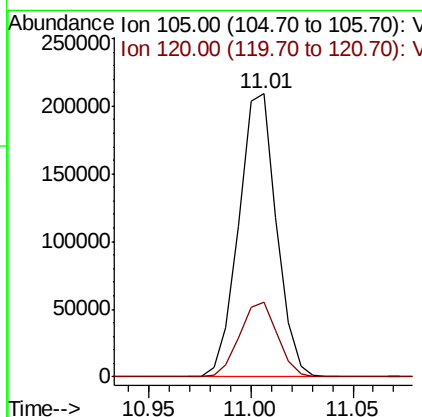
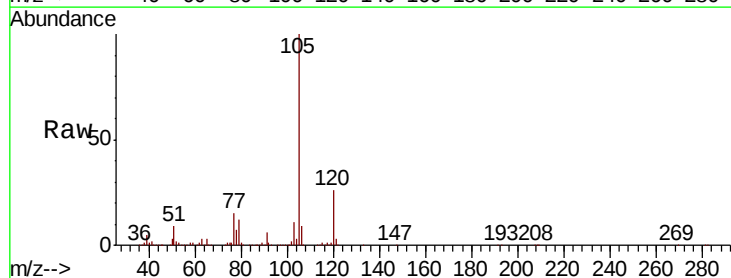
Instrument :
MSVOA_X
ClientSampleId :

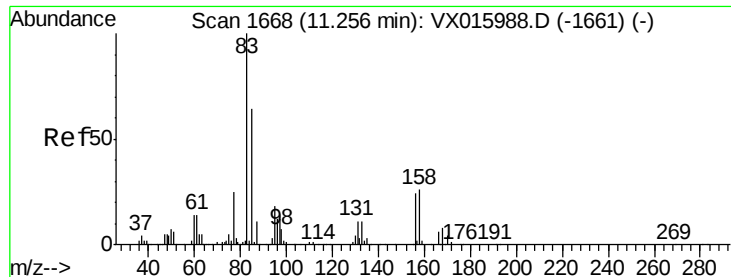
Tot Ion	Ratio	Lower	Upper
104	100		
78	51.3	40.7	61.1
103	54.6	43.0	64.4



#70
Isopropylbenzene
Concen: 17.748 ug/l
RT: 11.01 min Scan# 1627
Delta R.T. 0.01 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.4	18.6	34.5





#71

1,1,2,2-Tetrachloroethane

Concen: 17.171 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

ClientSampleId :

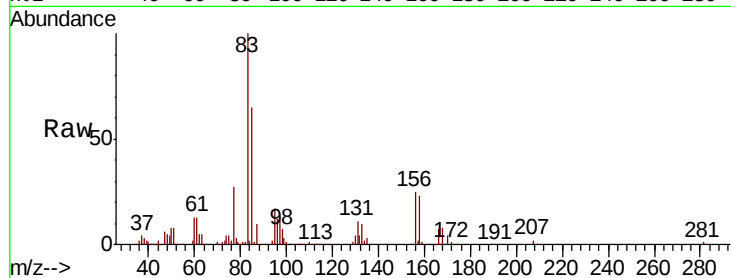
Tot Ion: 83 Resp: 48349

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

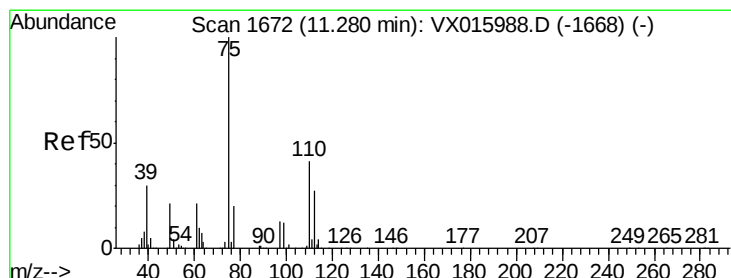
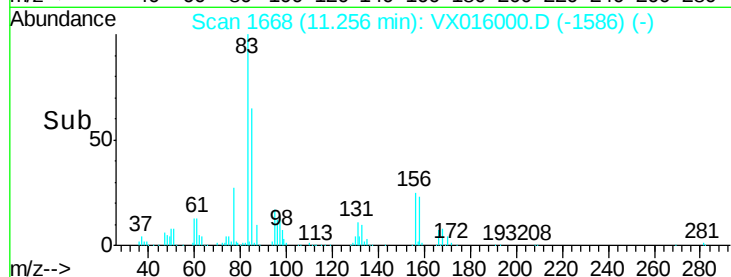
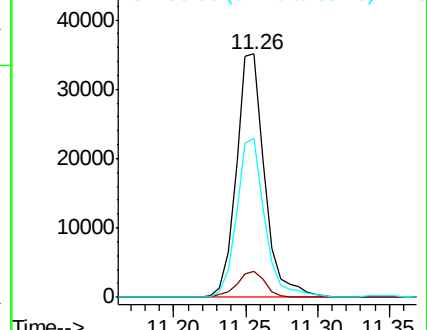
85 65.1 33.0 98.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 24.313 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016000.D

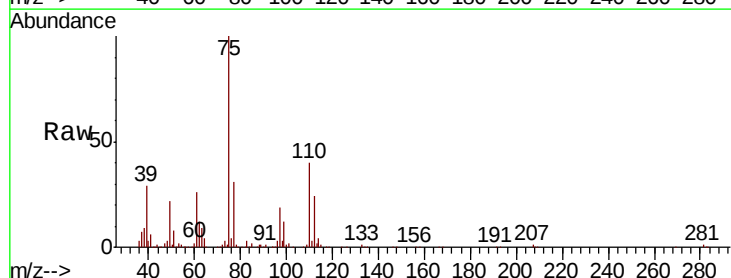
Acq: 30 Apr 2020 17:08

Tgt Ion: 75 Resp: 110876

Ion Ratio Lower Upper

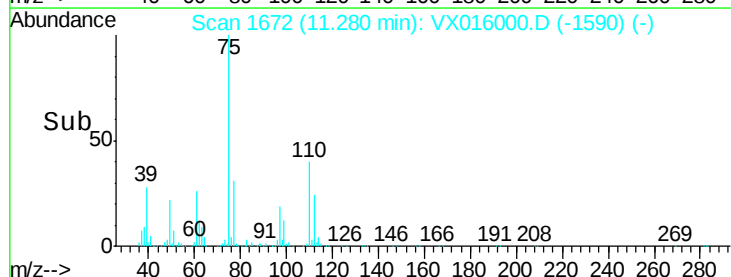
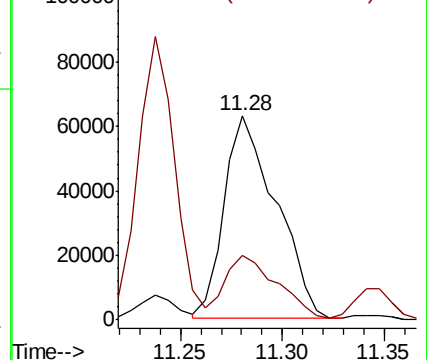
75 100

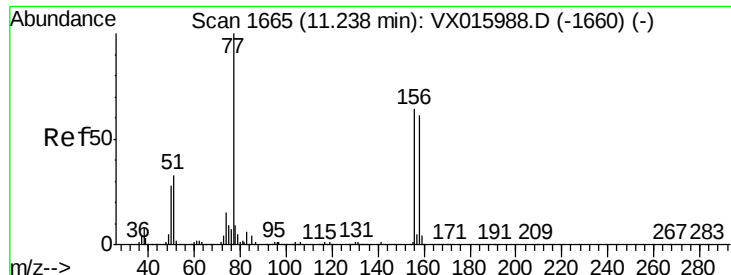
77 32.2 0.0 86.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 17.205 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

ClientSampleId :

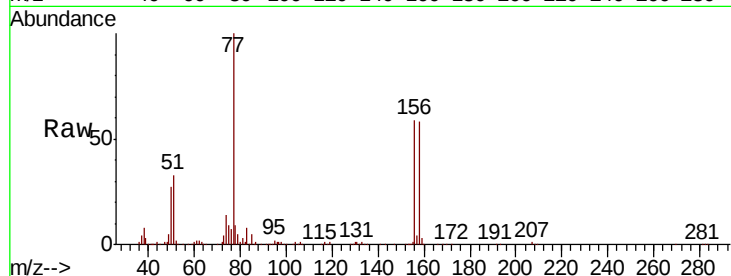
Tot Ion:156 Resp: 65669

Ion Ratio Lower Upper

156 100

77 166.6 0.0 318.0

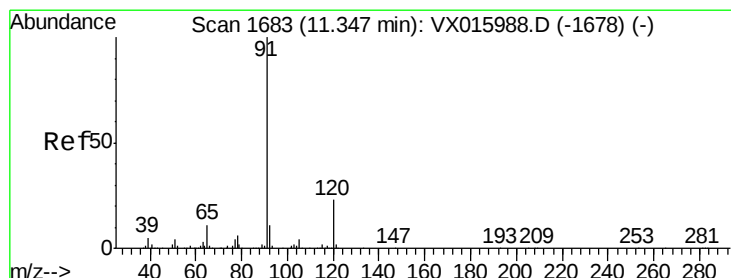
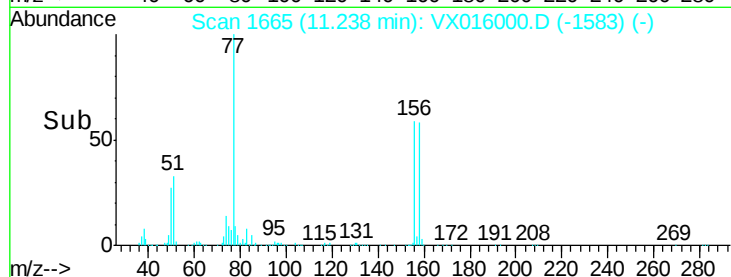
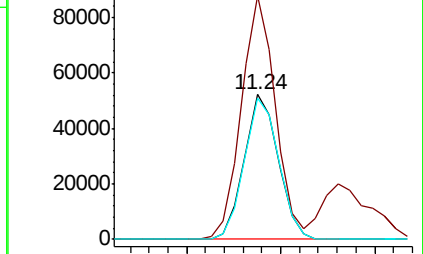
158 98.4 0.0 193.2



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: 17.617 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016000.D

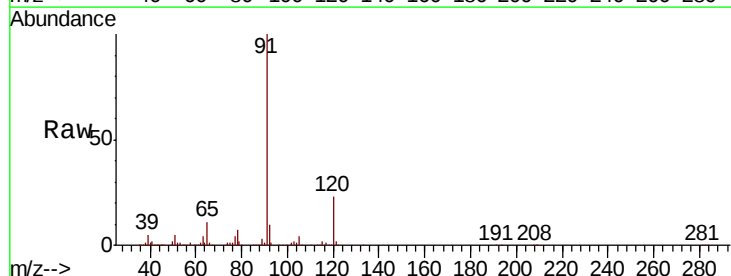
Acq: 30 Apr 2020 17:08

Tgt Ion: 91 Resp: 309934

Ion Ratio Lower Upper

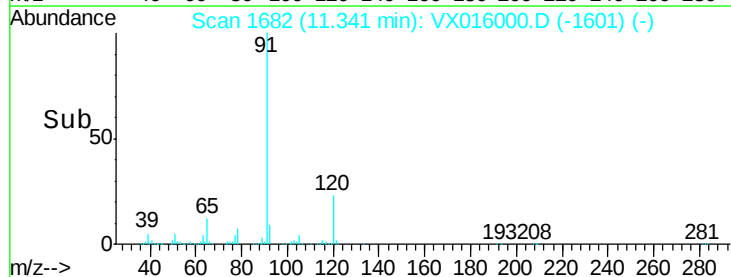
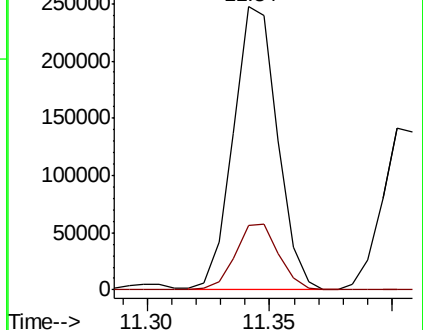
91 100

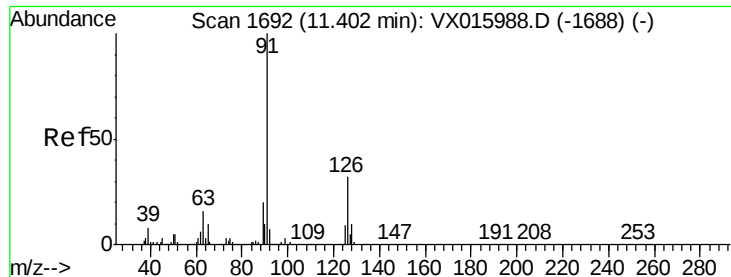
120 22.9 0.0 45.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 17.542 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

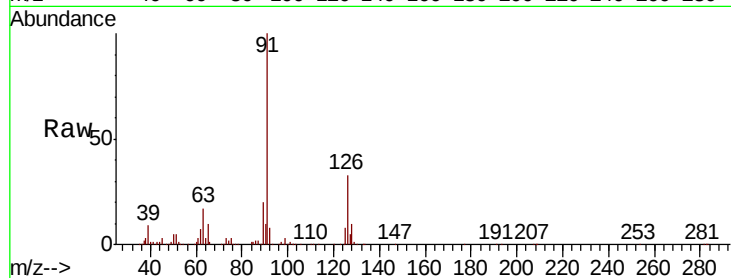
ClientSampleId :

Tot Ion: 91 Resp: 181352

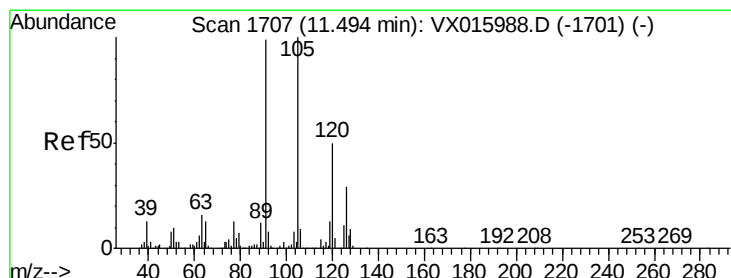
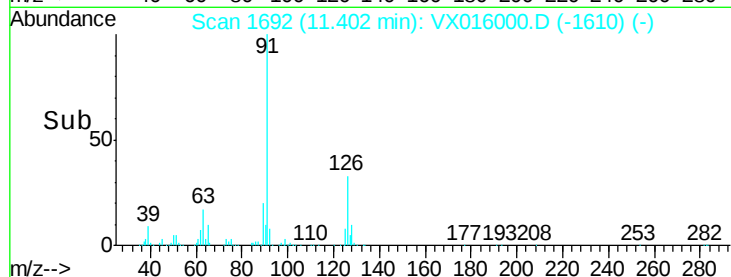
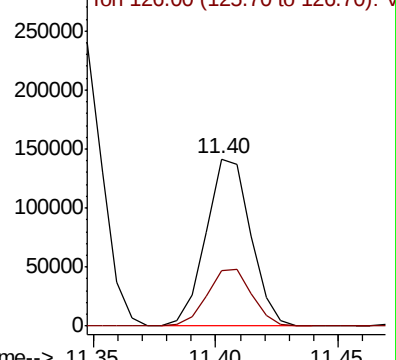
Ion Ratio Lower Upper

91 100

126 33.7 0.0 66.2



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



#76

1,3,5-Trimethylbenzene

Concen: 17.422 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016000.D

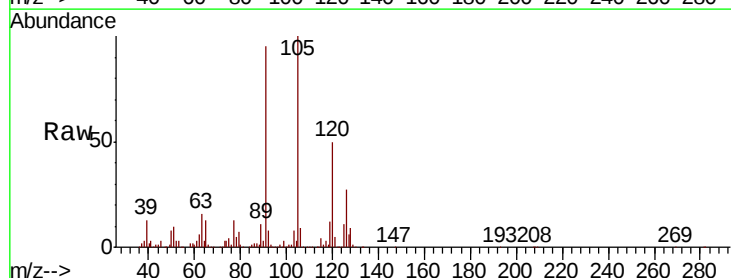
Acq: 30 Apr 2020 17:08

Tgt Ion: 105 Resp: 223992

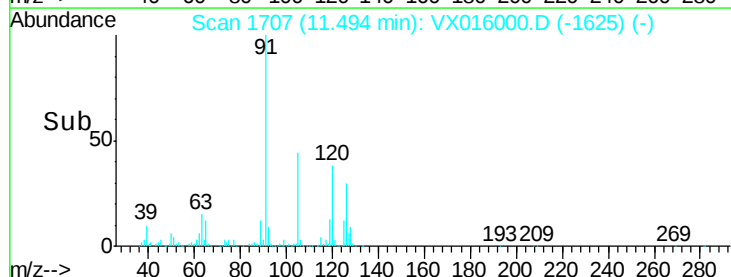
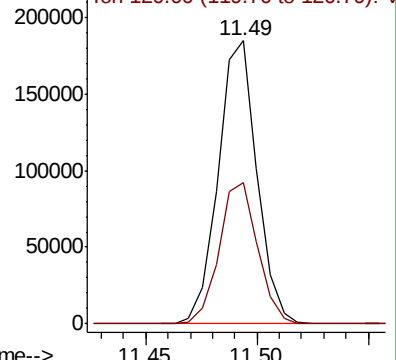
Ion Ratio Lower Upper

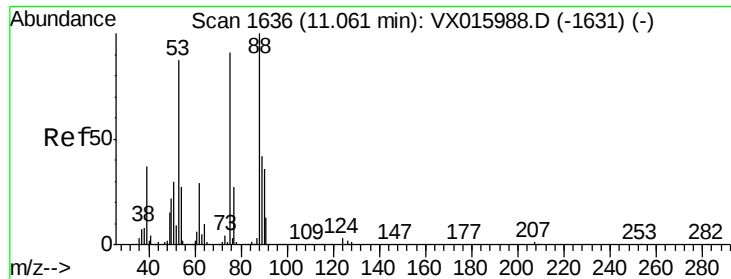
105 100

120 49.9 0.0 99.4



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

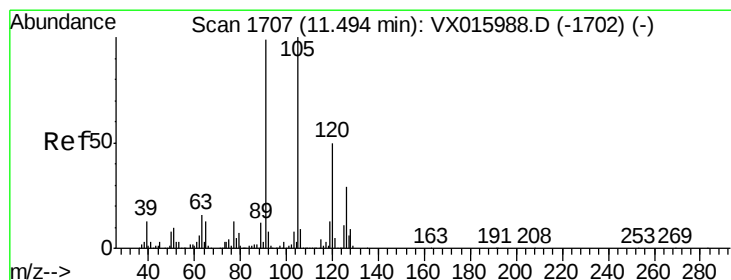
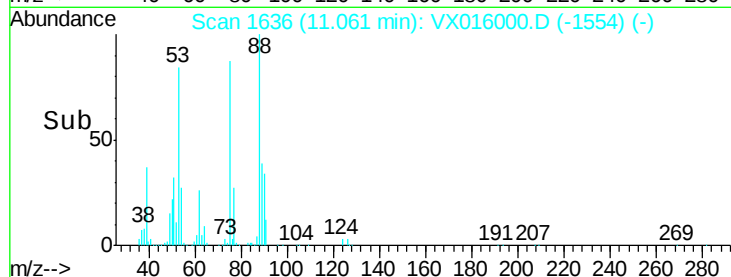
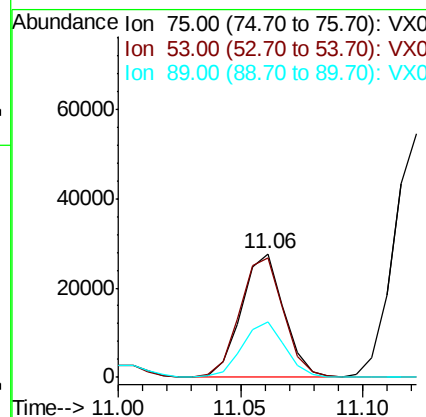
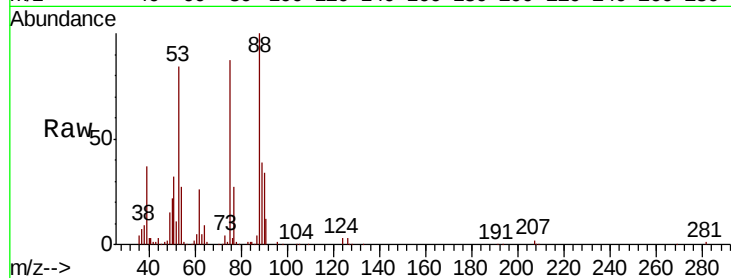




#77
t-1,4-Dichloro-2-butene
Concen: 17.006 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

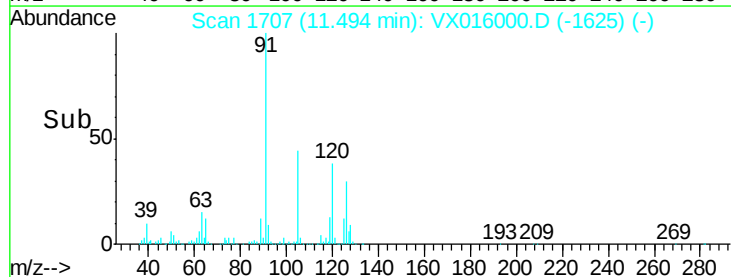
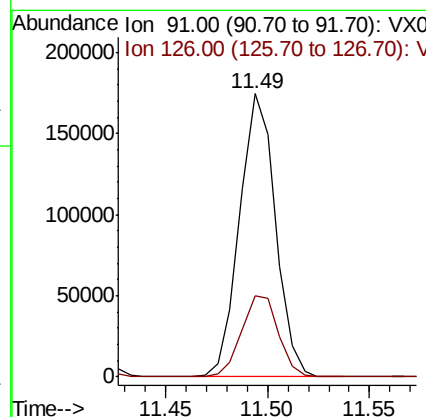
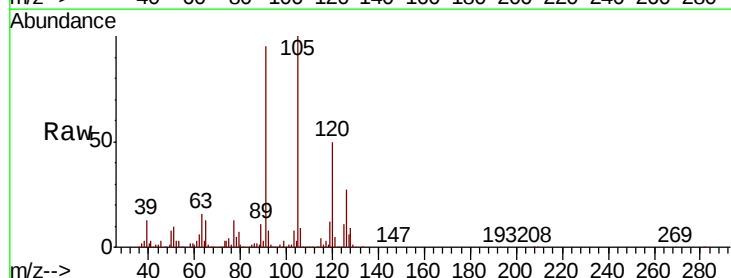
Instrument :
MSVOA_X
ClientSampleId :

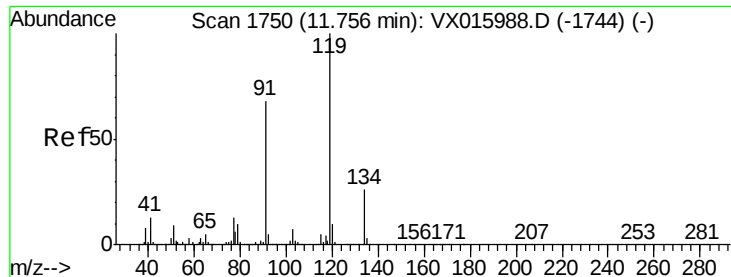
Tot Ion	Ratio	Lower	Upper
75	100		
53	96.1	48.0	144.2
89	44.9	23.4	70.3



#78
4-Chlorotoluene
Concen: 17.360 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.6	0.0	58.4





#79

tert-butylbenzene

Concen: 17.568 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

ClientSampleId :

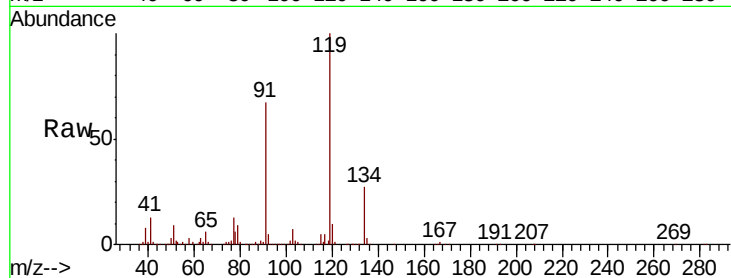
Tot Ion:119 Resp: 192905

Ion Ratio Lower Upper

119 100

91 65.3 0.0 135.6

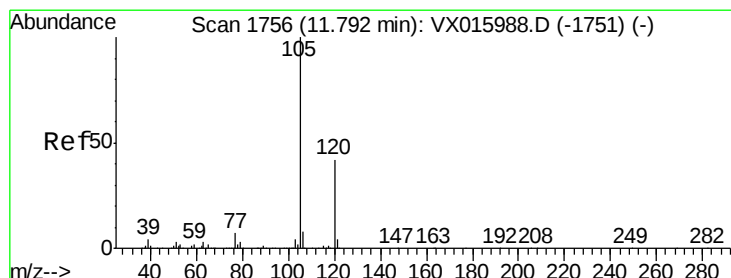
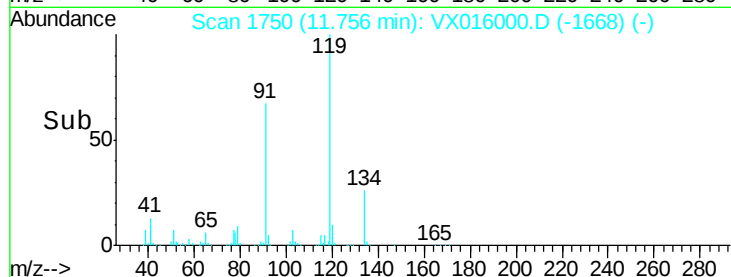
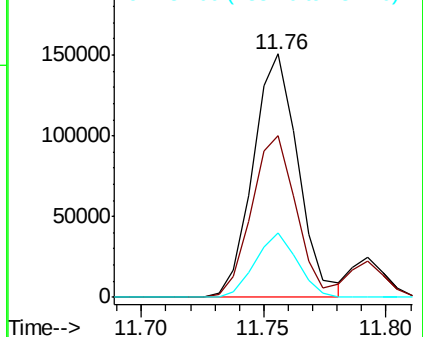
134 25.0 0.0 51.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 17.375 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX016000.D

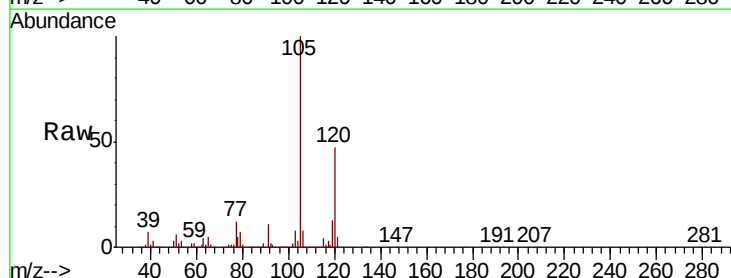
Acq: 30 Apr 2020 17:08

Tgt Ion:105 Resp: 223173

Ion Ratio Lower Upper

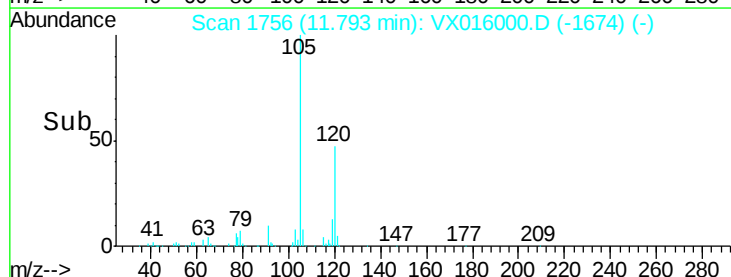
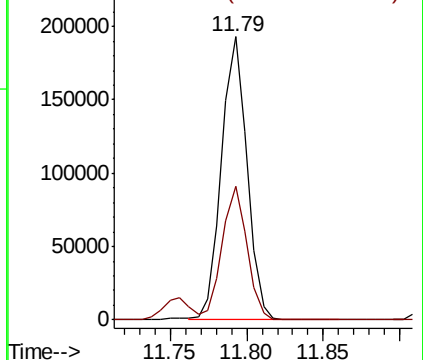
105 100

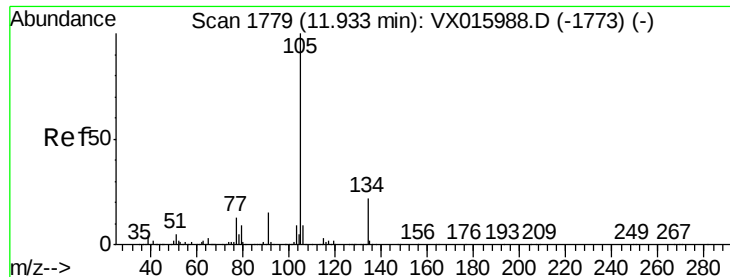
120 46.2 0.0 91.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

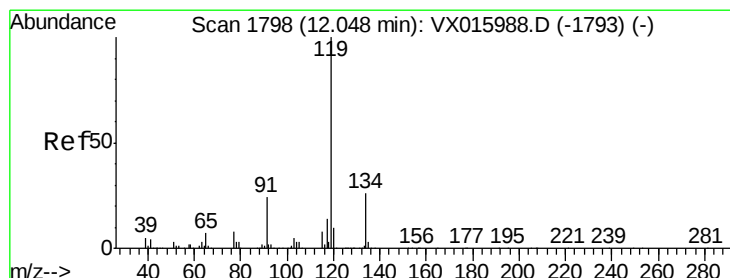
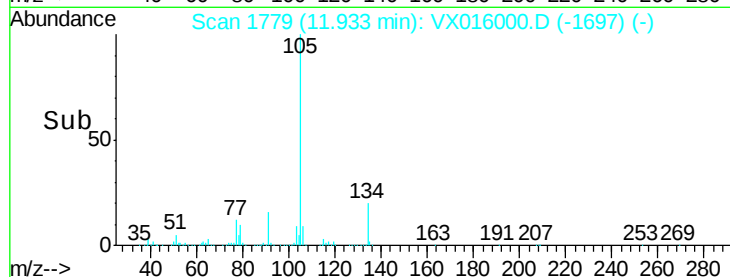
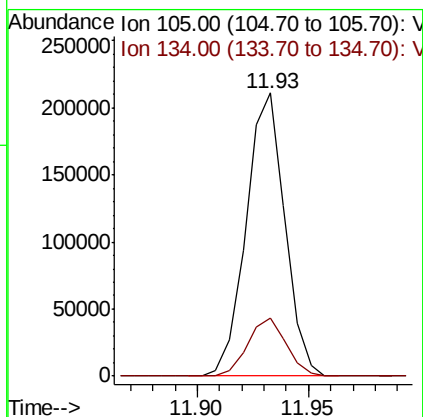
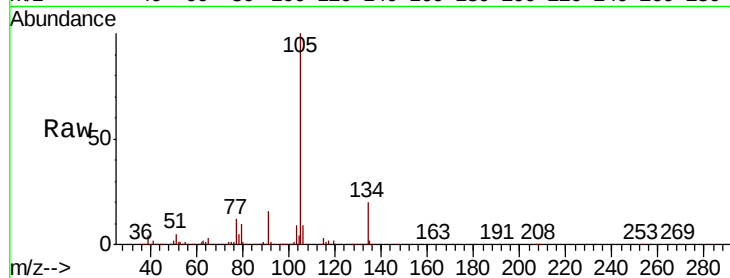




#81
 sec-Butylbenzene
 Concen: 17.281 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX016000.D
 Acq: 30 Apr 2020 17:08

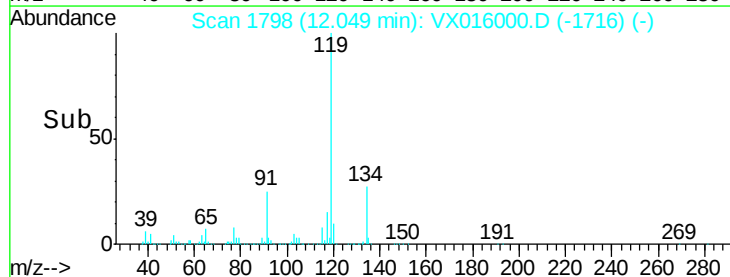
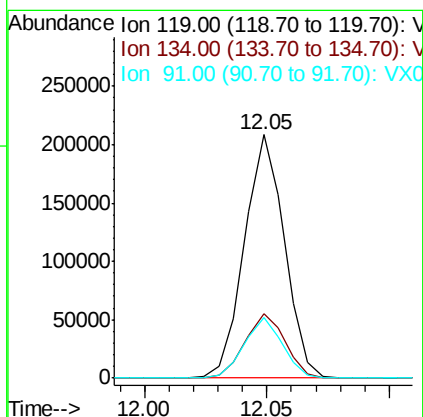
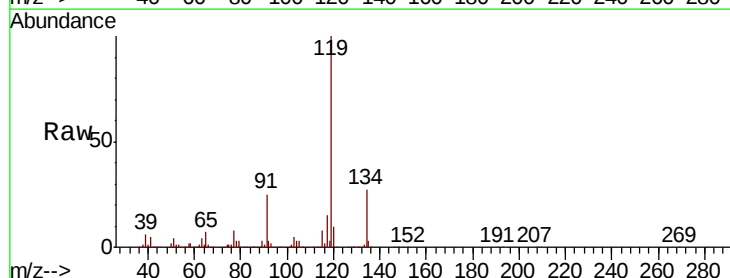
Instrument :
 MSVOA_X
 ClientSampleId :

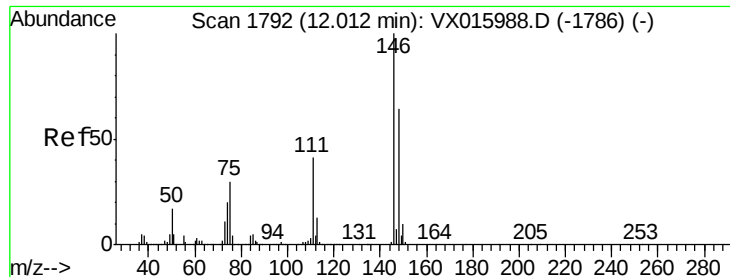
Tot Ion:105 Resp: 255929
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 17.271 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016000.D
 Acq: 30 Apr 2020 17:08

Tgt Ion:119 Resp: 237035
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 52.6
 91 24.2 0.0 47.6

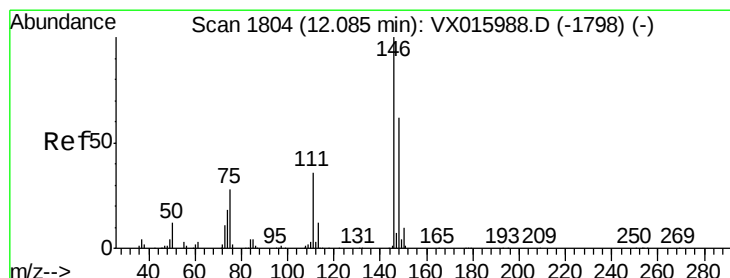
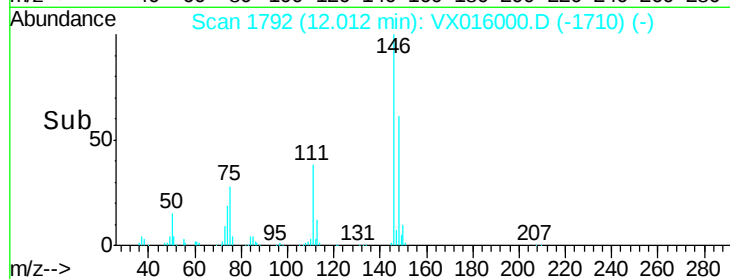
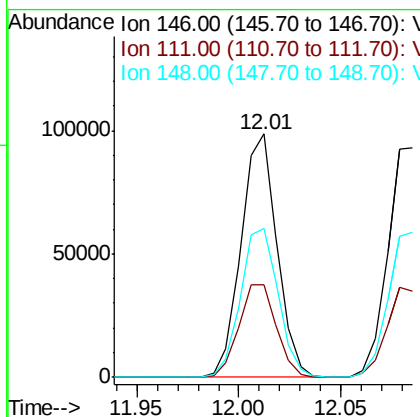
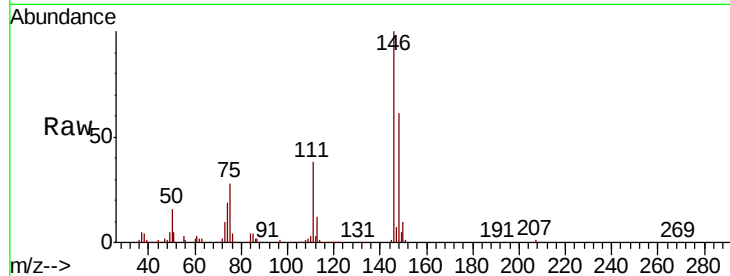




#83
 1,3-Dichlorobenzene
 Concen: 17.539 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016000.D
 Acq: 30 Apr 2020 17:08

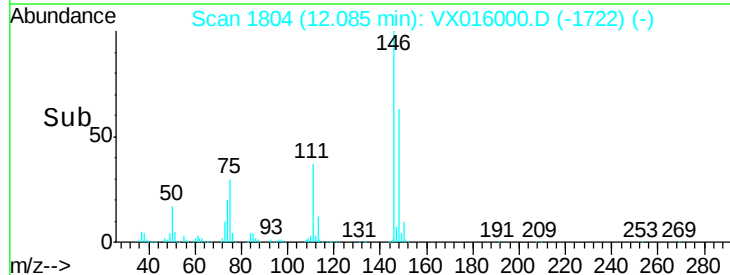
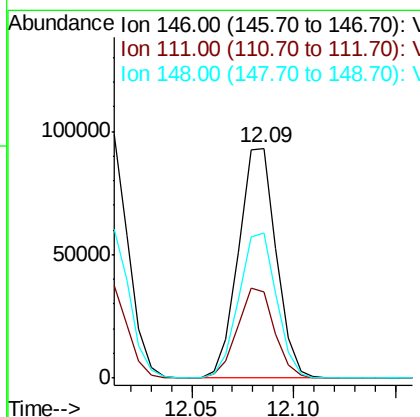
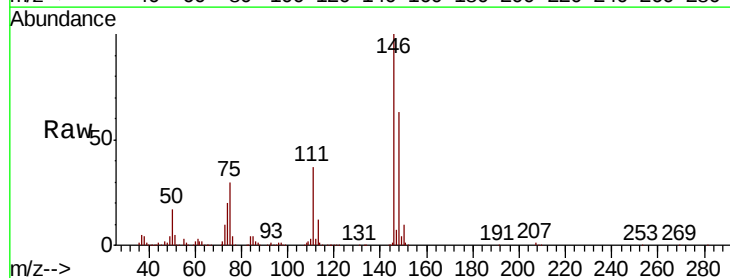
Instrument :
 MSVOA_X
 ClientSampleId :

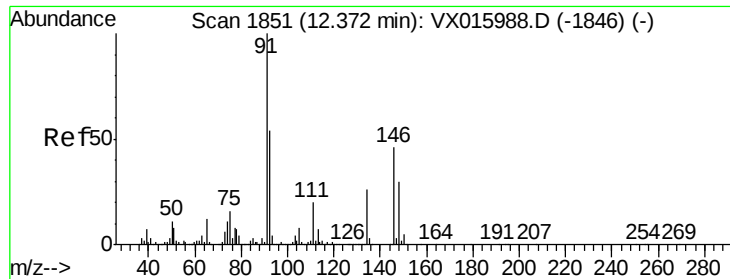
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.4	61.3
148	63.9	31.9	95.9



#84
 1,4-Dichlorobenzene
 Concen: 17.540 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VX016000.D
 Acq: 30 Apr 2020 17:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.7	59.0
148	62.8	32.0	96.0

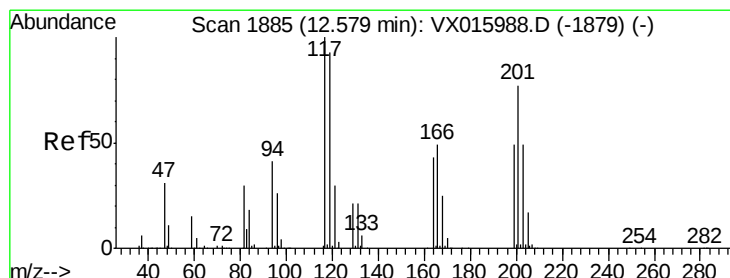
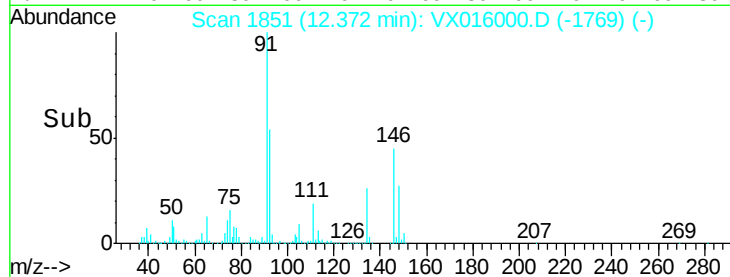
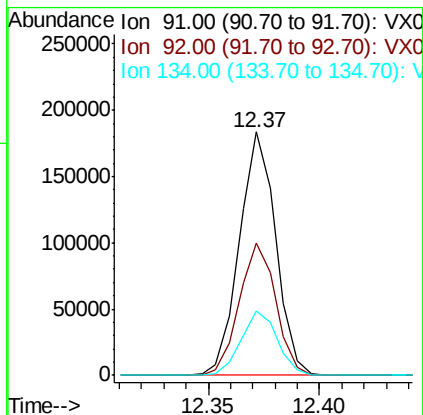
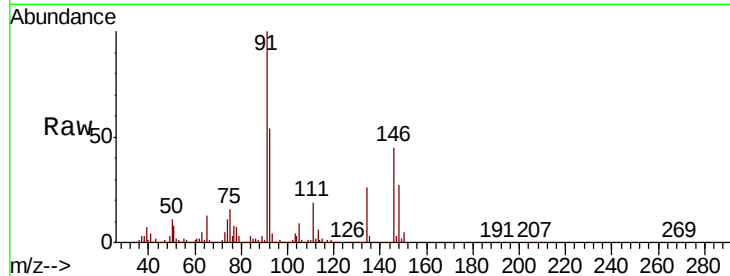




#85
n-Butylbenzene
Concen: 16.647 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

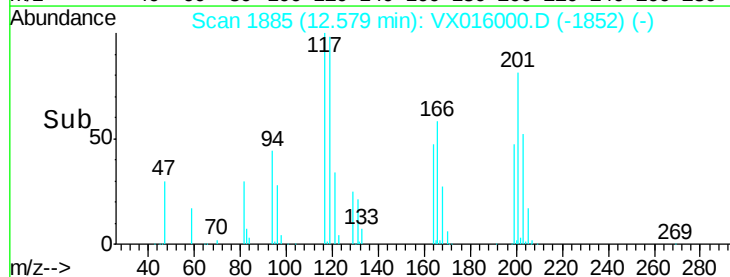
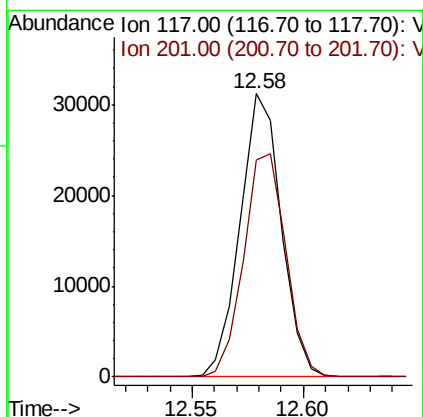
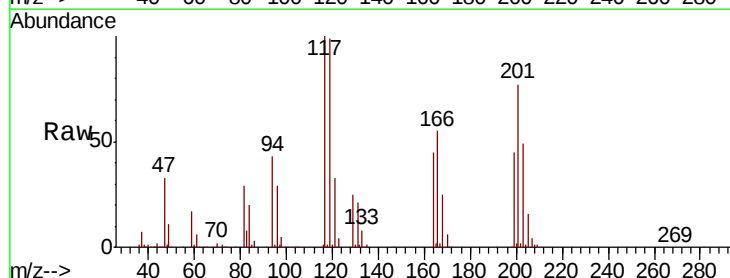
Instrument :
MSVOA_X
ClientSampled :

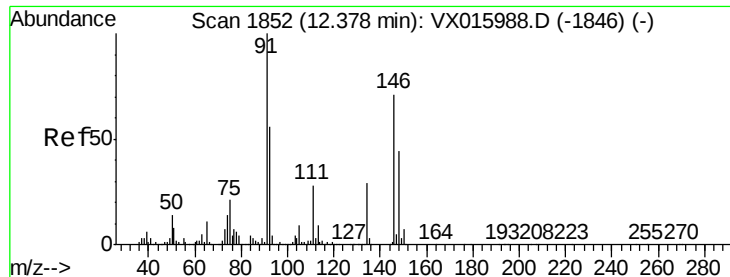
Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	0.0	110.2
134	26.7	0.0	53.4



#86
Hexachloroethane
Concen: 16.710 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016000.D
Acq: 30 Apr 2020 17:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.7	40.1	120.2





#87

1,2-Dichlorobenzene

Concen: 17.946 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

ClientSampleId :

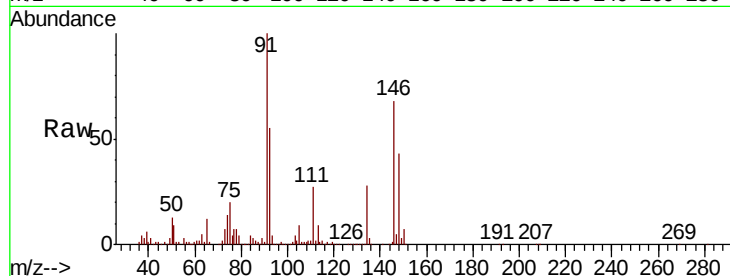
Tot Ion:146 Resp: 119437

Ion Ratio Lower Upper

146 100

111 39.8 20.7 62.1

148 62.5 32.0 96.2



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

120000

100000

80000

60000

40000

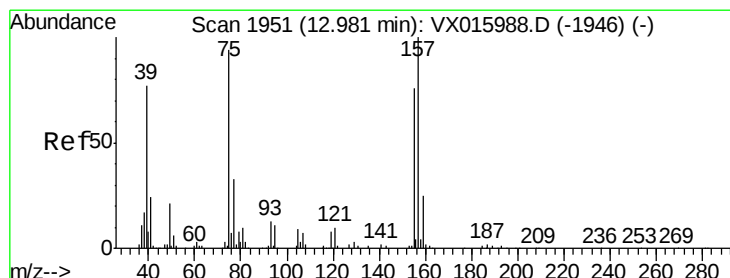
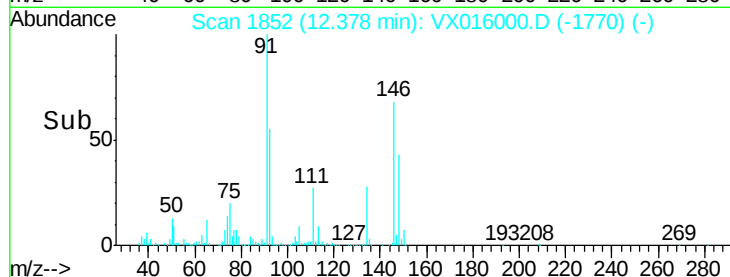
20000

0

12.35

12.40

Time-->



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.103 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

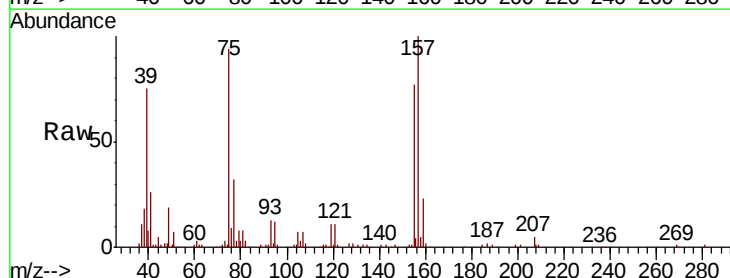
Tgt Ion: 75 Resp: 21329

Ion Ratio Lower Upper

75 100

155 84.8 66.9 100.3

157 106.6 88.2 132.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

25000

20000

15000

10000

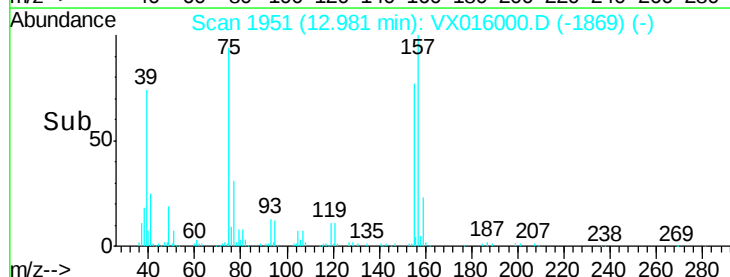
5000

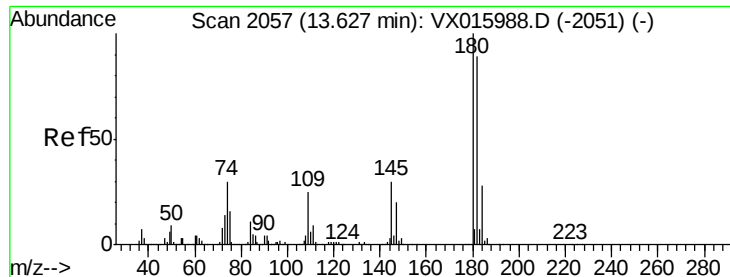
0

12.95

13.00

Time-->

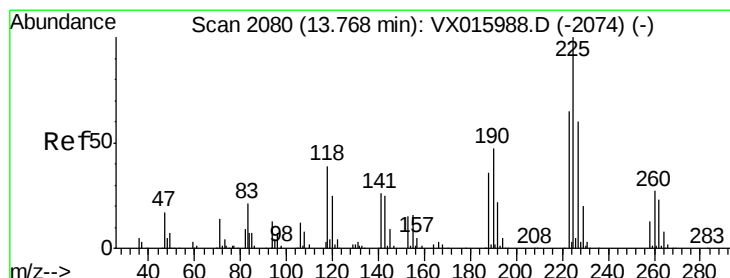
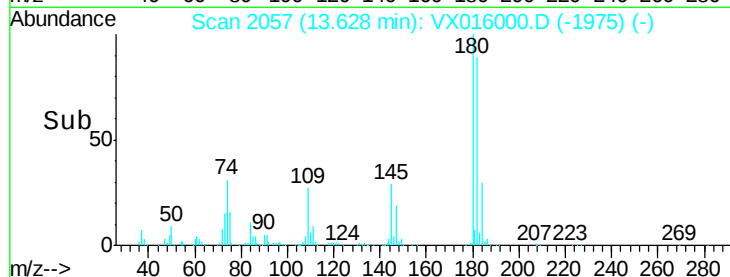
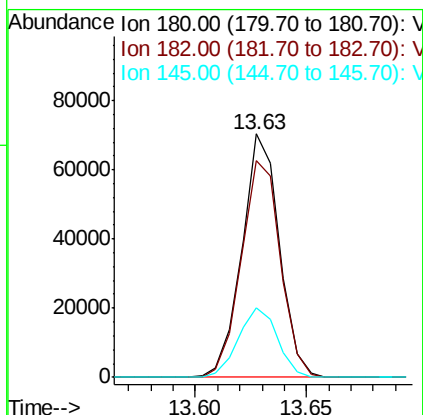
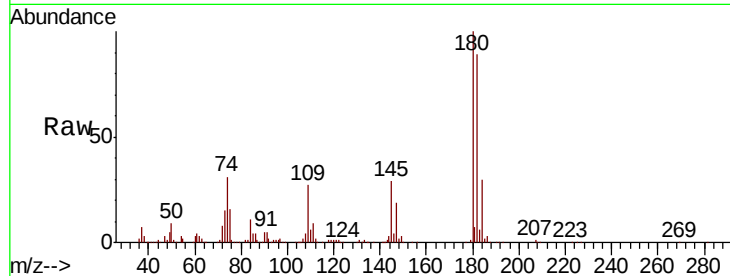




#89
 1,2,4-Trichlorobenzene
 Concen: 16.809 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016000.D
 Acq: 30 Apr 2020 17:08

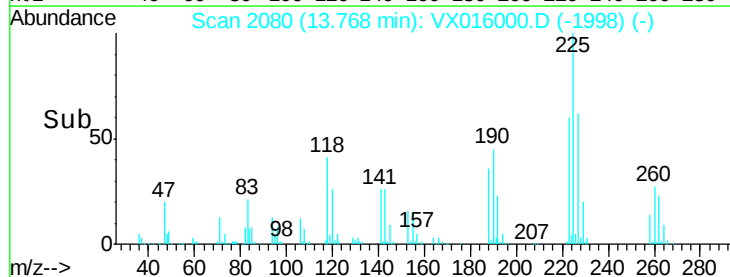
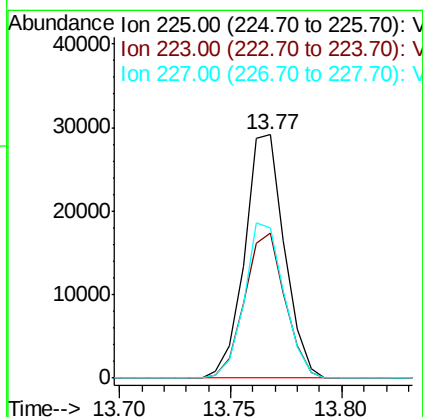
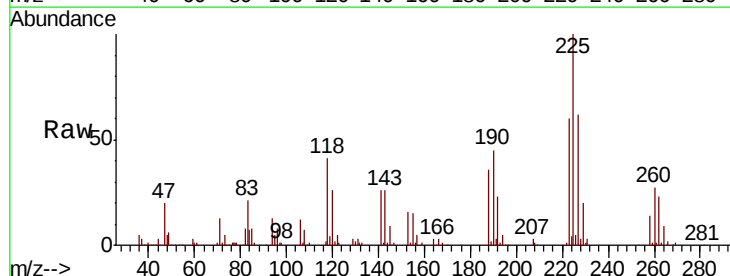
Instrument :
 MSVOA_X
 ClientSampleId :

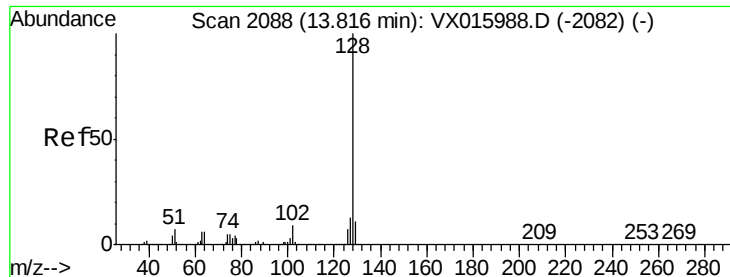
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	75.0	112.6
145	30.0	23.9	35.9



#90
 Hexachlorobutadiene
 Concen: 17.291 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016000.D
 Acq: 30 Apr 2020 17:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.1	0.0	123.6
227	63.2	0.0	123.6





#91

Naphthalene

Concen: 17.704 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

Instrument :

MSVOA_X

ClientSampleId :

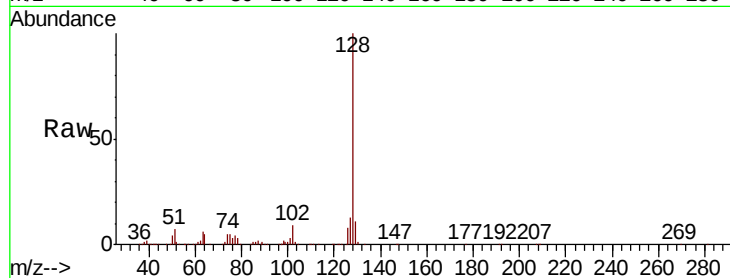
Tot Ion:128 Resp: 276292

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

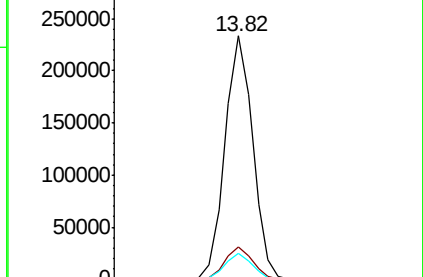
129 10.8 8.6 13.0



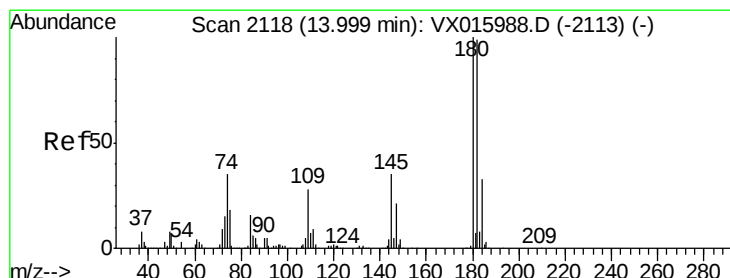
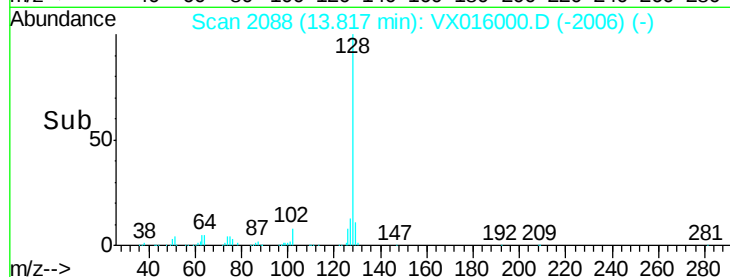
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time--> 13.75 13.80 13.85 13.90



#92

1,2,3-Trichlorobenzene

Concen: 17.245 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX016000.D

Acq: 30 Apr 2020 17:08

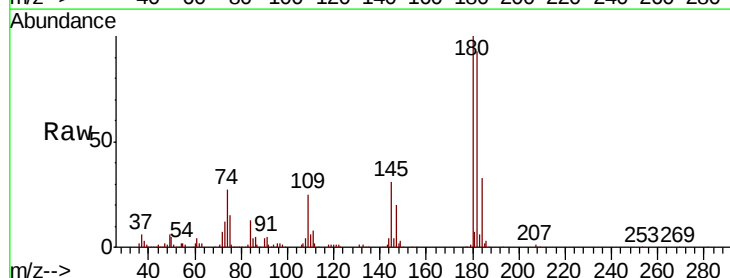
Tgt Ion:180 Resp: 81213

Ion Ratio Lower Upper

180 100

182 94.6 0.0 197.2

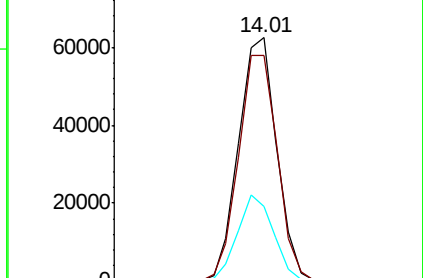
145 33.5 0.0 66.0



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



Time--> 13.95 14.00 14.05

