

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052620\
 Data File : VX016444.D
 Acq On : 26 May 2020 22:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 27 05:27:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 26 16:32:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	141623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	241775	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	237841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	123099	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	96167	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
35) Dibromofluoromethane	5.47	113	77107	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	8.70	98	298936	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	
62) 4-Bromofluorobenzene	11.12	95	113915	53.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.78%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	55288	48.104	ug/l	97
3) Chloromethane	1.31	50	73095	52.012	ug/l	99
4) Vinyl Chloride	1.39	62	100001	53.871	ug/l	99
5) Bromomethane	1.62	94	116495	50.370	ug/l	97
6) Chloroethane	1.70	64	72686	53.094	ug/l	96
7) Trichlorofluoromethane	1.91	101	169051	54.732	ug/l	100
8) Diethyl Ether	2.17	74	68178	54.154	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	65296	48.651	ug/l	98
10) Methyl Iodide	2.49	142	67127	44.905	ug/l	99
11) Tert butyl alcohol	3.01	59	105979	249.914	ug/l	99
12) 1,1-Dichloroethene	2.36	96	68505	49.913	ug/l	98
13) Acrolein	2.27	56	39513	181.528	ug/l	99
14) Allyl chloride	2.71	41	110713	49.378	ug/l	99
15) Acrylonitrile	3.12	53	219492	259.934	ug/l	99
16) Acetone	2.42	43	192744	263.787	ug/l	98
17) Carbon Disulfide	2.55	76	197371	48.595	ug/l	99
18) Methyl Acetate	2.75	43	92619	51.976	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	244358	51.084	ug/l	98
20) Methylene Chloride	2.84	84	79733	50.587	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	76482	49.036	ug/l	96
22) Diisopropyl ether	3.83	45	237805	52.651	ug/l	# 88
23) Vinyl Acetate	3.79	43	1059349	262.271	ug/l	99
24) 1,1-Dichloroethane	3.67	63	136726	51.037	ug/l	99
25) 2-Butanone	4.64	43	313377	263.956	ug/l	98
26) 2,2-Dichloropropane	4.54	77	107587	44.183	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	89798	50.533	ug/l	99
28) Bromochloromethane	4.98	49	63820	49.697	ug/l	98
29) Tetrahydrofuran	5.09	42	202299	262.914	ug/l	98
30) Chloroform	5.18	83	150110	53.321	ug/l	100
31) Cyclohexane	5.55	56	116811	51.376	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	136909	53.113	ug/l	100
36) 1,1-Dichloropropene	5.78	75	108160	50.462	ug/l	100
37) Ethyl Acetate	4.79	43	120673	50.944	ug/l	99
38) Carbon Tetrachloride	5.76	117	118489	51.006	ug/l	93

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 27 05:27:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 26 16:32:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	117985	49.699	ug/l	98
40) Benzene	6.12	78	326876	51.096	ug/l	98
41) Methacrylonitrile	5.00	41	62817	49.596	ug/l	98
42) 1,2-Dichloroethane	6.17	62	117470	50.305	ug/l	100
43) Isopropyl Acetate	6.42	43	194669	51.232	ug/l	100
44) Trichloroethene	7.19	130	101369	48.341	ug/l	99
45) 1,2-Dichloropropane	7.49	63	80986	50.688	ug/l	100
46) Dibromomethane	7.64	93	59205	50.854	ug/l	97
47) Bromodichloromethane	7.88	83	121474	51.660	ug/l	98
48) Methyl methacrylate	7.74	41	90541	52.289	ug/l	98
49) 1,4-Dioxane	7.71	88	44575	1000.418	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	624864	260.208	ug/l	100
52) Toluene	8.77	92	217474	52.980	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	134876	50.401	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	136581	49.643	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	87346	52.183	ug/l	97
56) Ethyl methacrylate	9.16	69	134564	53.422	ug/l	100
57) 1,3-Dichloropropane	9.35	76	146821	52.904	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	335931	250.032	ug/l	100
59) 2-Hexanone	9.48	43	493836	267.071	ug/l	100
60) Dibromochloromethane	9.57	129	103608	53.828	ug/l	99
61) 1,2-Dibromoethane	9.65	107	97654	53.162	ug/l	98
64) Tetrachloroethene	9.32	164	116102	46.857	ug/l	97
65) Chlorobenzene	10.12	112	239109	50.963	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	91315	50.123	ug/l	99
67) Ethyl Benzene	10.24	91	413177	50.574	ug/l	99
68) m/p-Xylenes	10.34	106	328370	102.784	ug/l	99
69) o-Xylene	10.68	106	156702	51.615	ug/l	99
70) Styrene	10.70	104	267900	52.270	ug/l	100
71) Bromoform	10.84	173	78033	51.884	ug/l #	100
73) Isopropylbenzene	11.00	105	407334	49.012	ug/l	100
74) N-amyl acetate	10.88	43	168206	47.580	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	112539	53.606	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	161204	63.095	ug/l	84
77) Bromobenzene	11.24	156	107311	49.866	ug/l	99
78) n-propylbenzene	11.34	91	456360	48.567	ug/l	100
79) 2-Chlorotoluene	11.40	91	270208	48.338	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	337586	48.586	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	48450	45.602	ug/l	99
82) 4-Chlorotoluene	11.49	91	325090	48.355	ug/l	99
83) tert-Butylbenzene	11.76	119	297001	49.987	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	346235	49.445	ug/l	100
85) sec-Butylbenzene	11.93	105	372301	49.461	ug/l	100
86) p-Isopropyltoluene	12.05	119	347424	49.404	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	186953	48.937	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	192357	49.742	ug/l	98
89) n-Butylbenzene	12.37	91	287912	47.191	ug/l	99
90) Hexachloroethane	12.58	117	62509	49.049	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	187483	49.802	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	31928	49.148	ug/l	96

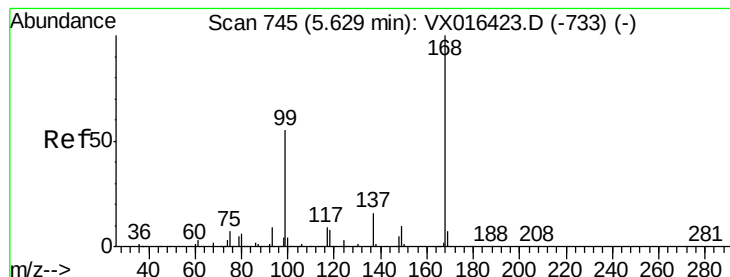
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052620\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
Quant Title : SW846 8260
QLast Update : Tue May 26 16:32:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	110926	47.340	ug/l	96
94) Hexachlorobutadiene	13.77	225	35998	42.604	ug/l	98
95) Naphthalene	13.82	128	416517	49.608	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	110168	48.645	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Instrument :

MSVOA_X

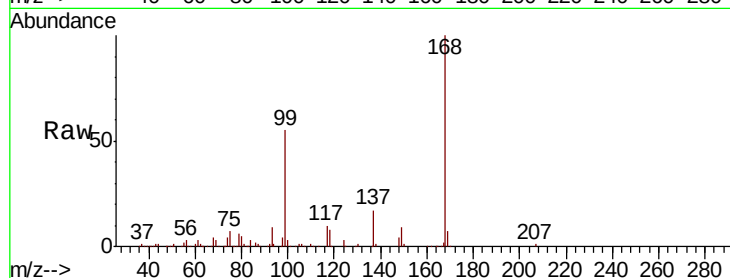
ClientSampled :

Tot Ion:168 Resp: 141623

Ion Ratio Lower Upper

168 100

99 54.4 44.4 66.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

60000

50000

40000

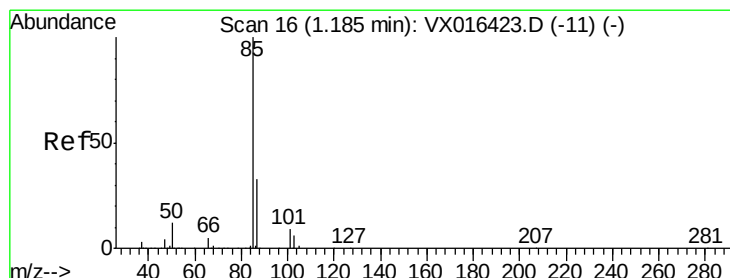
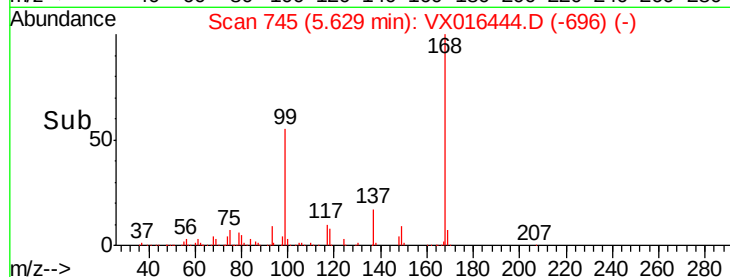
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.104 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016444.D

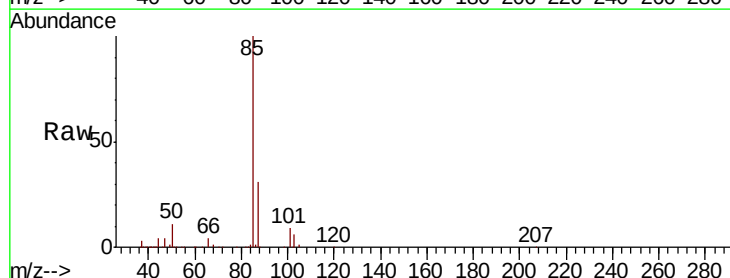
Acq: 26 May 2020 22:37

Tgt Ion: 85 Resp: 55288

Ion Ratio Lower Upper

85 100

87 31.0 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

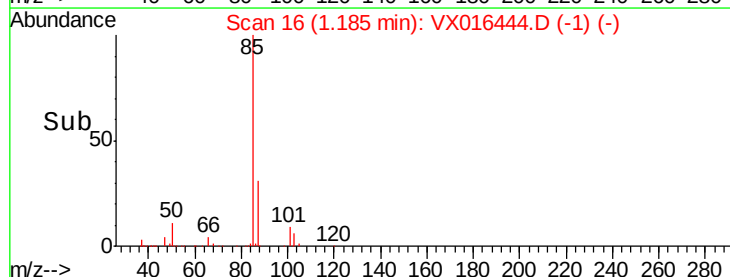
60000

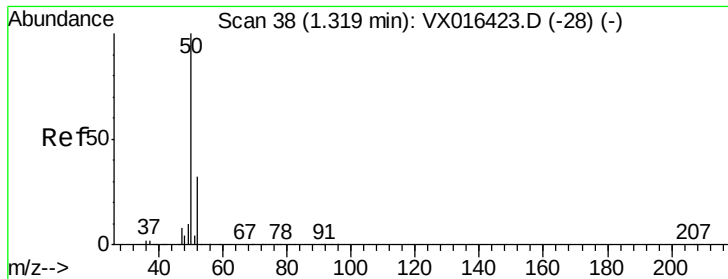
40000

20000

0

Time-->





#3

Chloromethane

Concen: 52.012 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

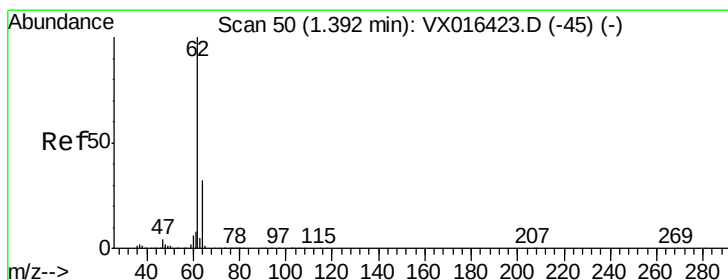
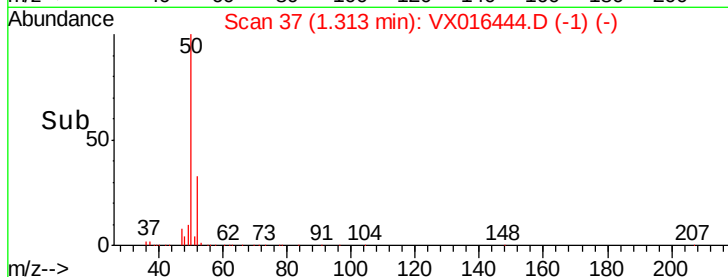
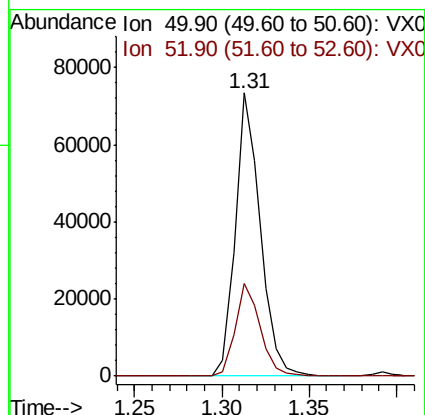
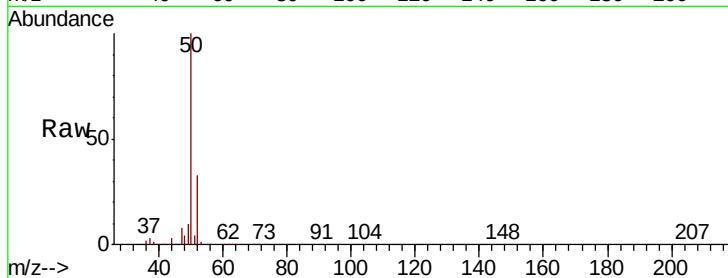
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 73095

Ion Ratio Lower Upper

50 100

52 32.8 25.9 38.9



#4

Vinyl Chloride

Concen: 53.871 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016444.D

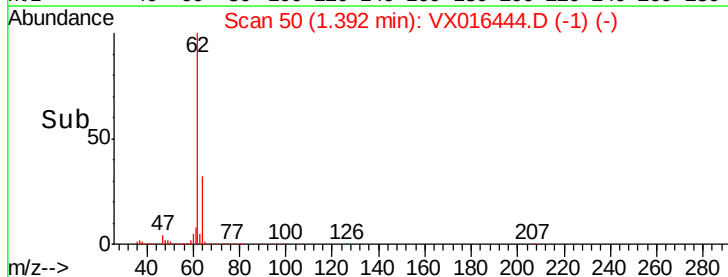
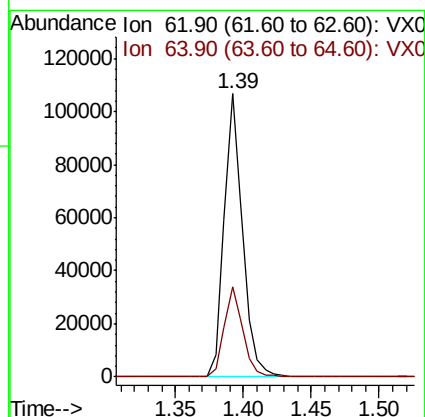
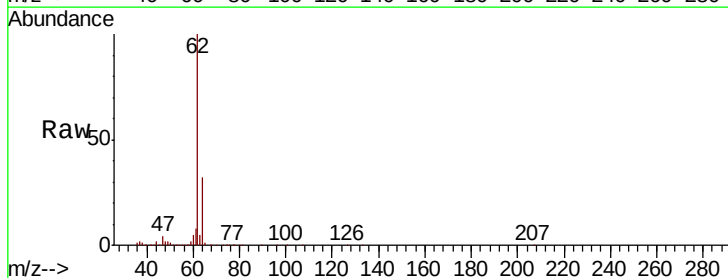
Acq: 26 May 2020 22:37

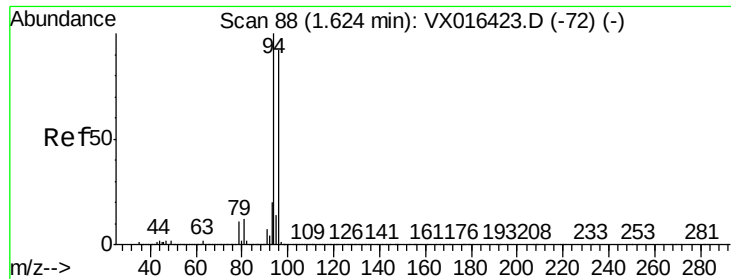
Tgt Ion: 62 Resp: 100001

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.0





#5

Bromomethane

Concen: 50.370 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Instrument :

MSVOA_X

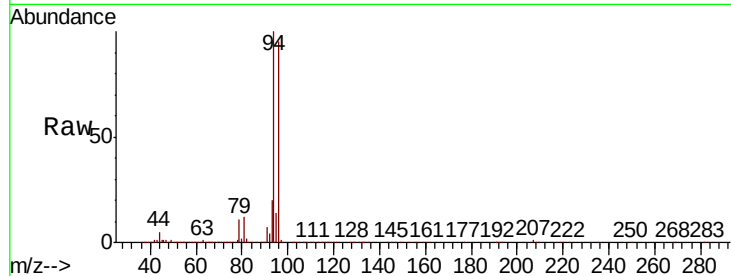
ClientSampled :

Tot Ion: 94 Resp: 116495

Ion Ratio Lower Upper

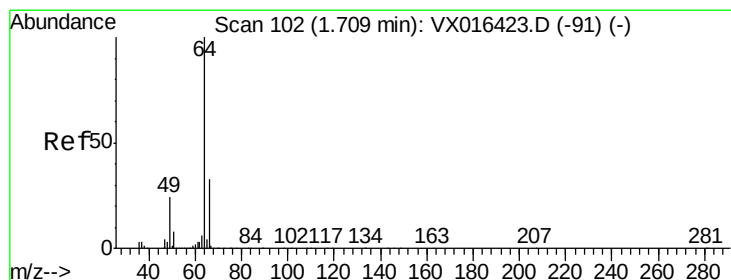
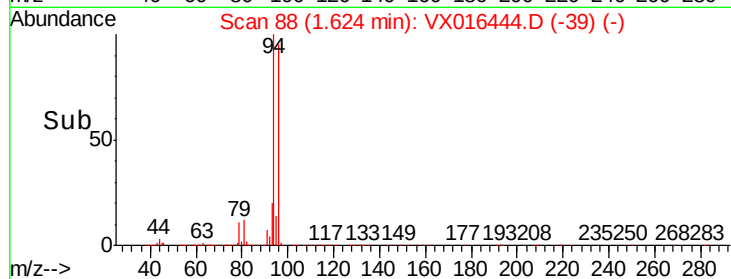
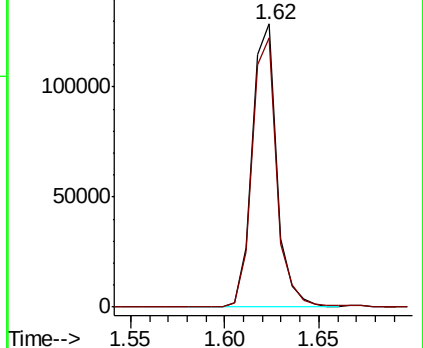
94 100

96 95.3 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 53.094 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX016444.D

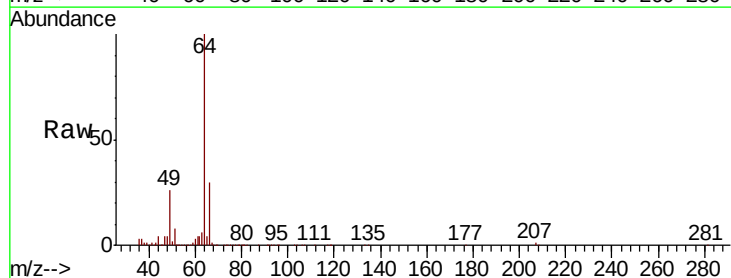
Acq: 26 May 2020 22:37

Tgt Ion: 64 Resp: 72686

Ion Ratio Lower Upper

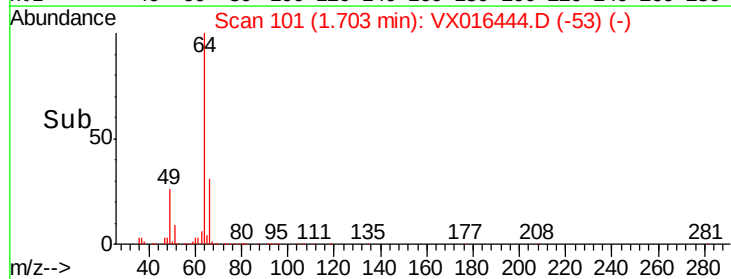
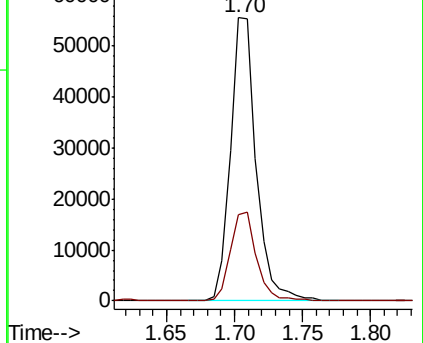
64 100

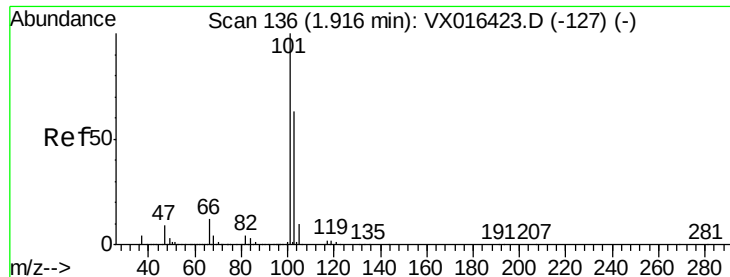
66 30.1 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



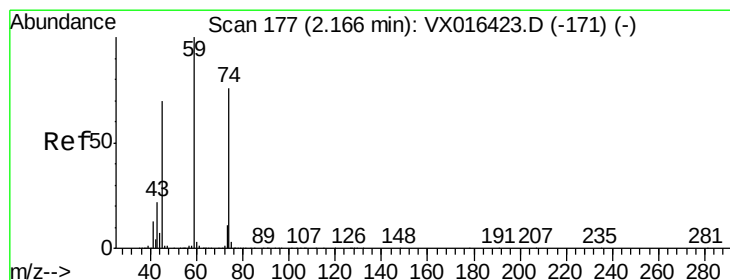
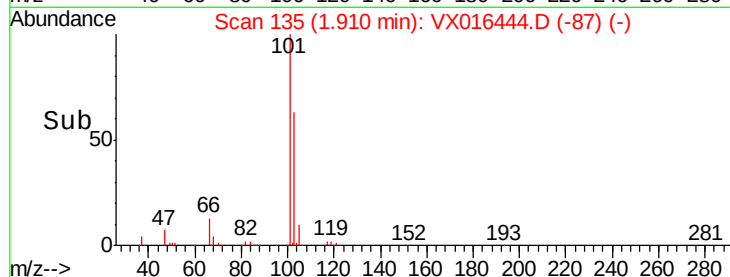
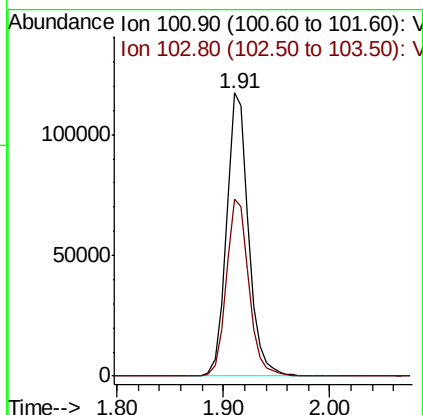
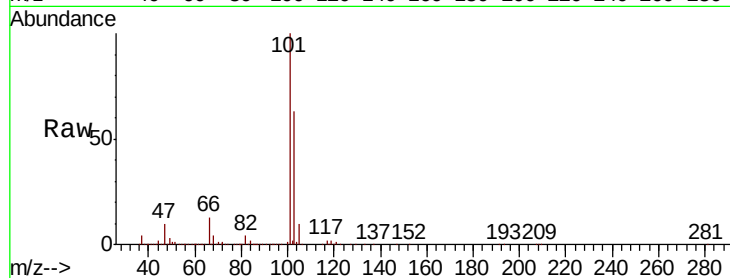


#7

Trichlorofluoromethane
Concen: 54.732 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Instrument :
MSVOA_X
ClientSampleId :

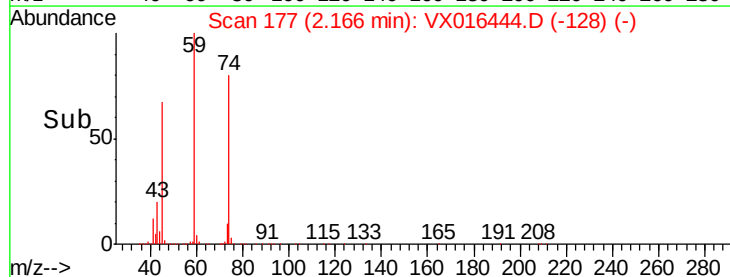
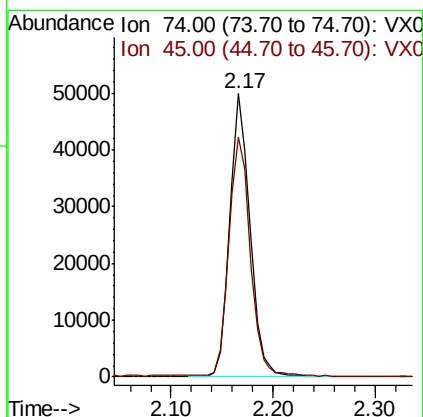
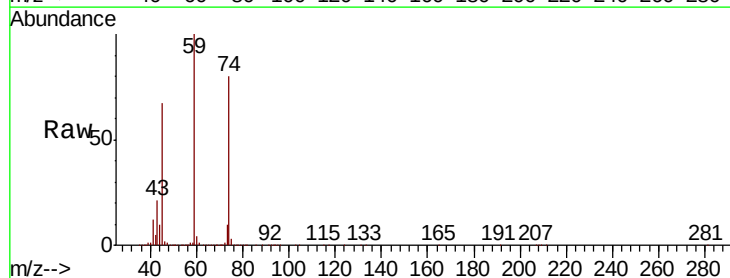
Tot Ion:101 Resp: 169051
Ion Ratio Lower Upper
101 100
103 62.7 50.1 75.1

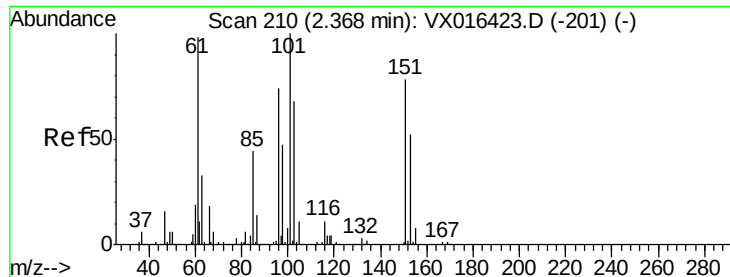


#8

Diethyl Ether
Concen: 54.154 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Tgt Ion: 74 Resp: 68178
Ion Ratio Lower Upper
74 100
45 89.7 44.4 133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.651 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

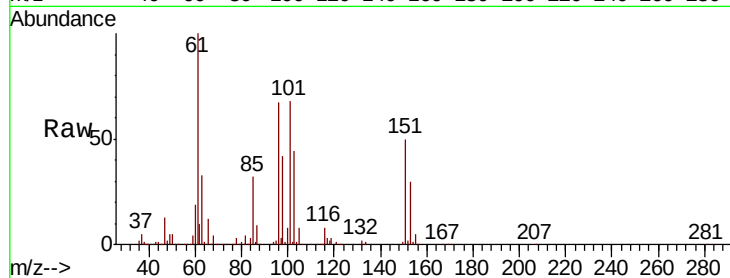
Tot Ion:101 Resp: 65296

Ion Ratio Lower Upper

101 100

85 45.6 36.2 54.4

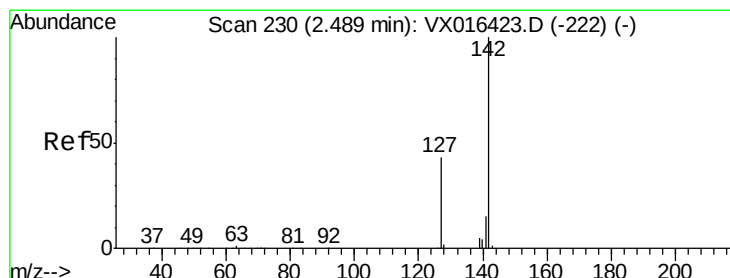
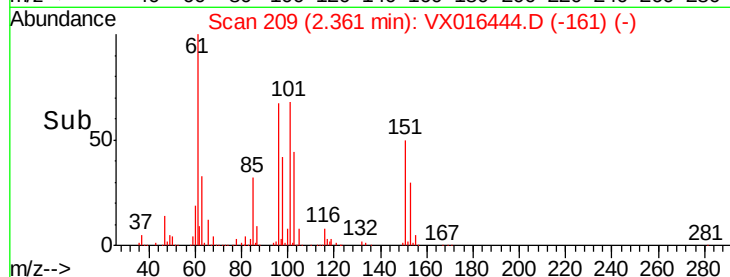
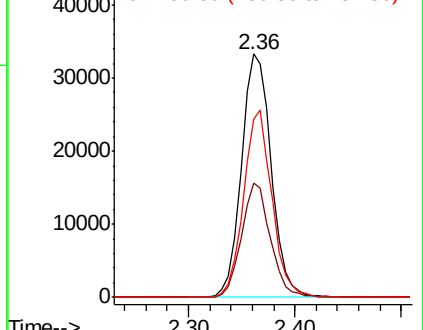
151 73.2 60.4 90.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.905 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

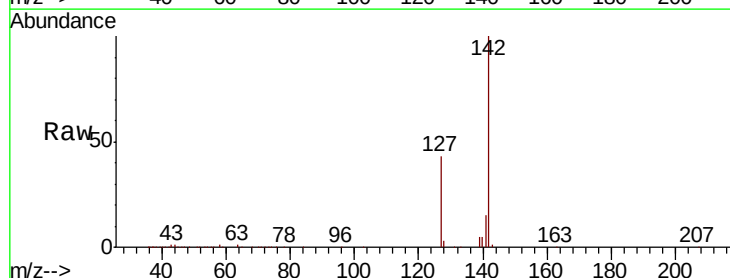
Tgt Ion:142 Resp: 67127

Ion Ratio Lower Upper

142 100

127 45.9 36.2 54.4

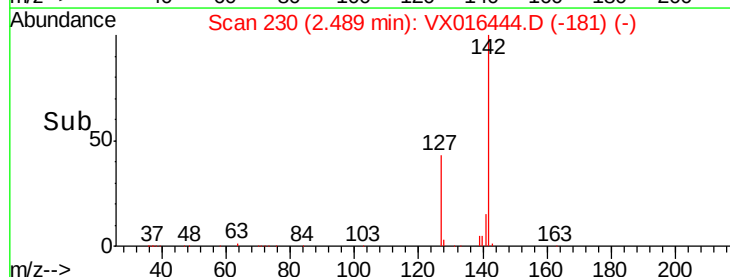
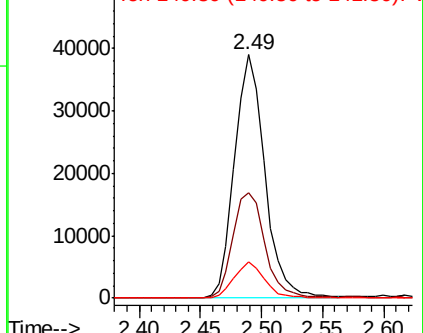
141 14.8 12.2 18.2

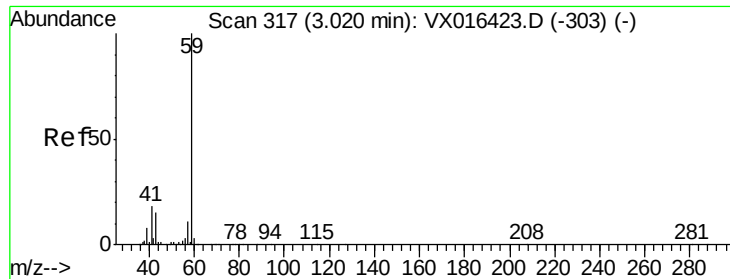


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

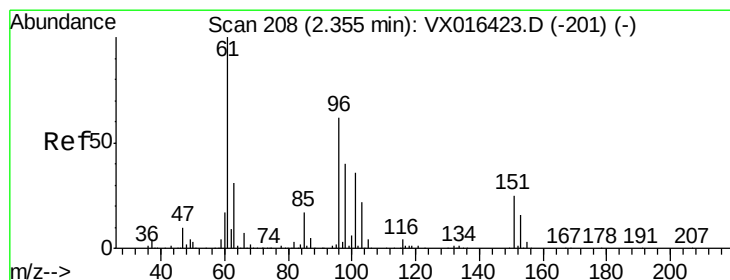
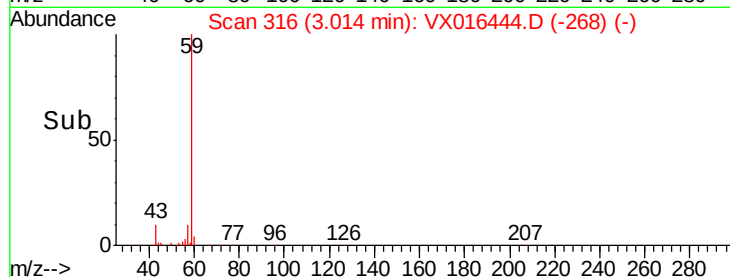
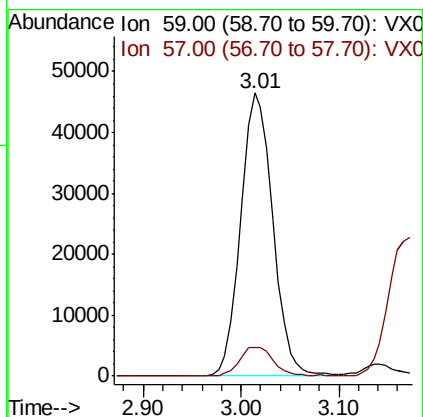
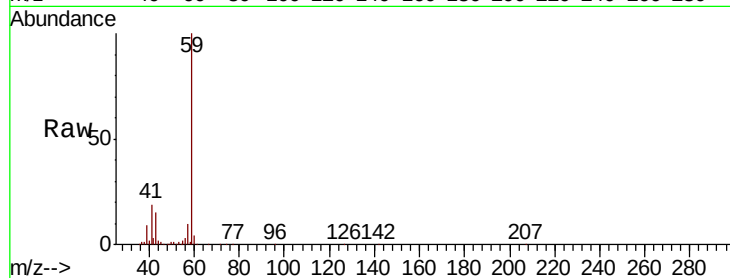




#11
Tert butyl alcohol
Concen: 249.914 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

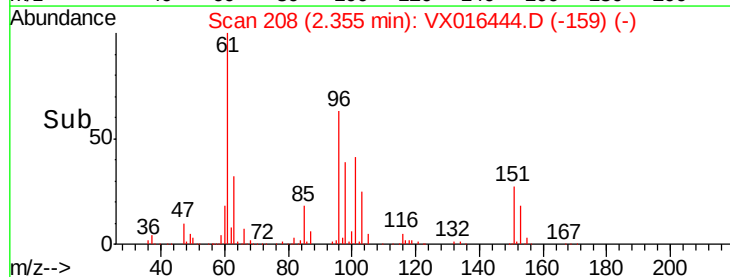
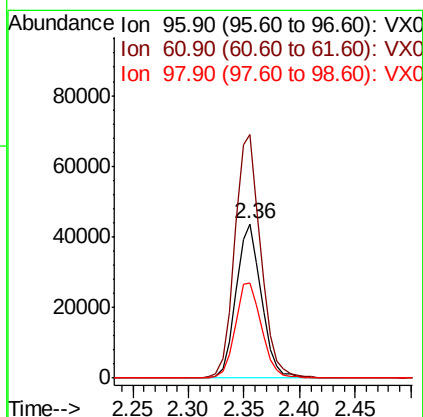
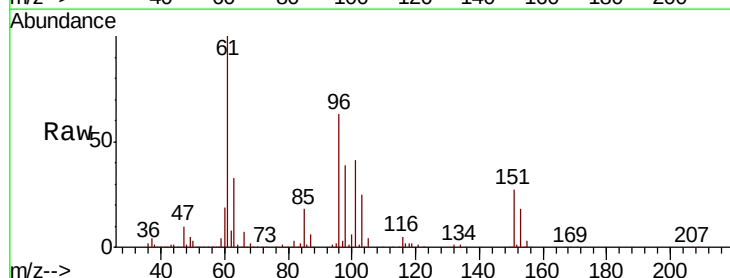
Instrument :
MSVOA_X
ClientSampled :

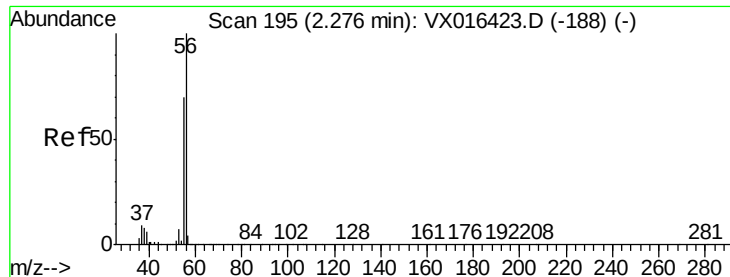
Tot Ion: 59 Resp: 105979
Ion Ratio Lower Upper
59 100
57 11.1 8.5 12.7



#12
1,1-Dichloroethene
Concen: 49.913 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Tgt Ion: 96 Resp: 68505
Ion Ratio Lower Upper
96 100
61 158.0 128.2 192.4
98 62.0 50.8 76.2

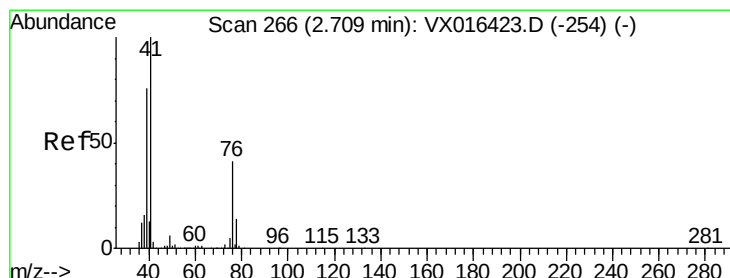
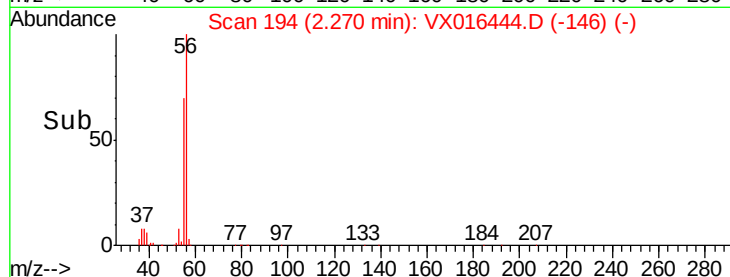
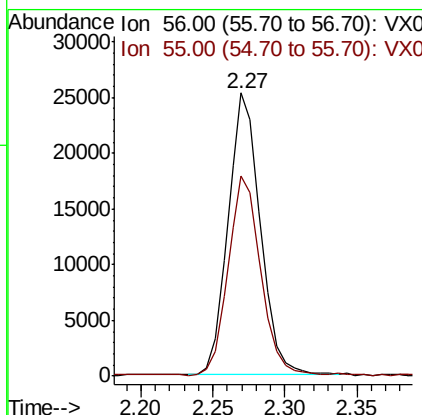
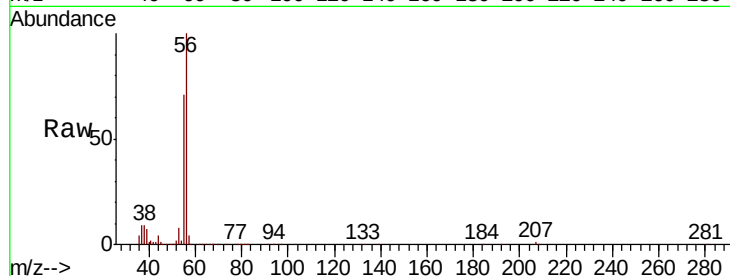




#13
Acrolein
Concen: 181.528 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

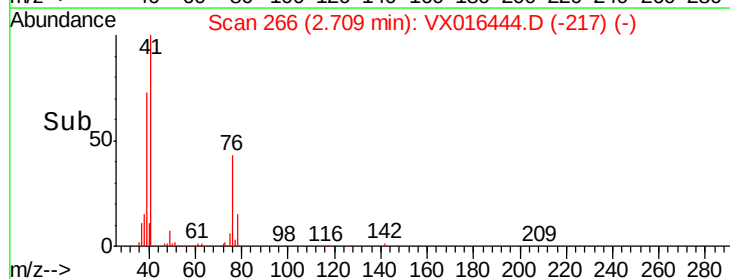
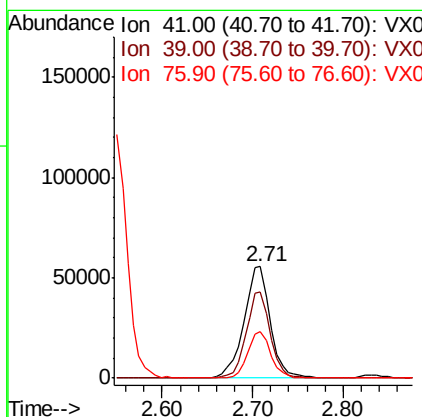
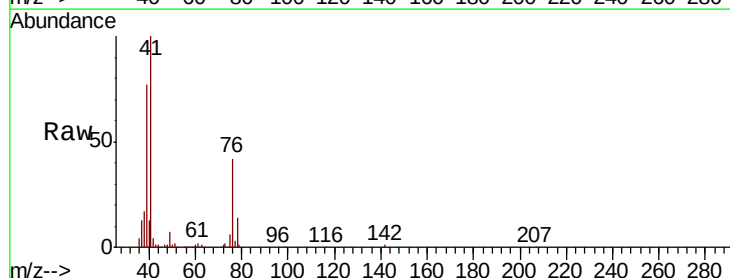
Instrument :
MSVOA_X
ClientSampleId :

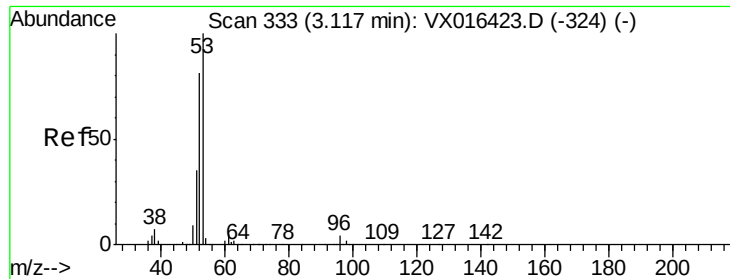
Tot Ion: 56 Resp: 39513
Ion Ratio Lower Upper
56 100
55 71.2 56.5 84.7



#14
Allyl chloride
Concen: 49.378 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Tgt Ion: 41 Resp: 110713
Ion Ratio Lower Upper
41 100
39 70.3 55.8 83.8
76 36.8 29.6 44.4





#15

Acrylonitrile

Concen: 259.934 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Instrument :

MSVOA_X

ClientSampled :

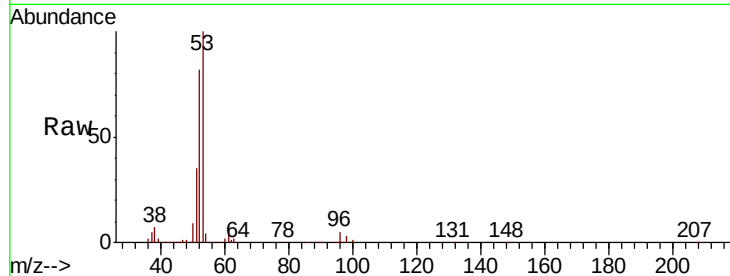
Tot Ion: 53 Resp: 219492

Ion Ratio Lower Upper

53 100

52 82.5 65.4 98.2

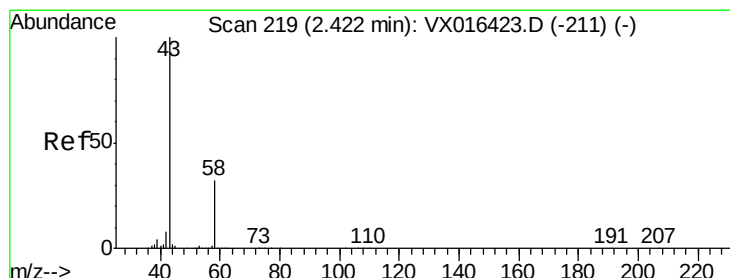
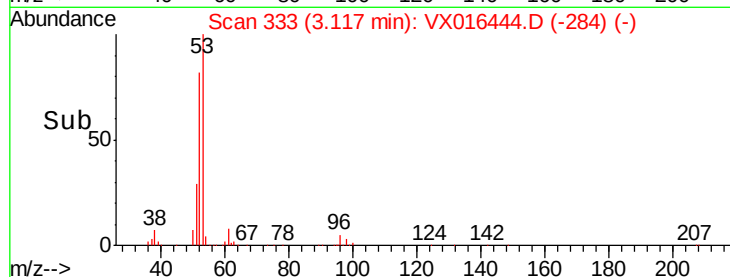
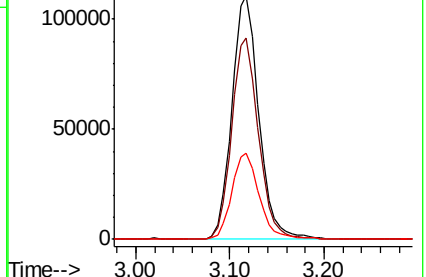
51 36.1 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 263.787 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016444.D

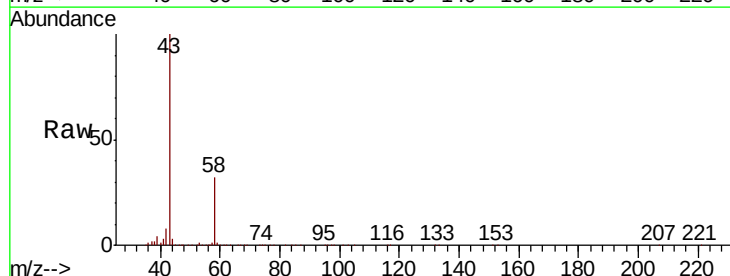
Acq: 26 May 2020 22:37

Tgt Ion: 43 Resp: 192744

Ion Ratio Lower Upper

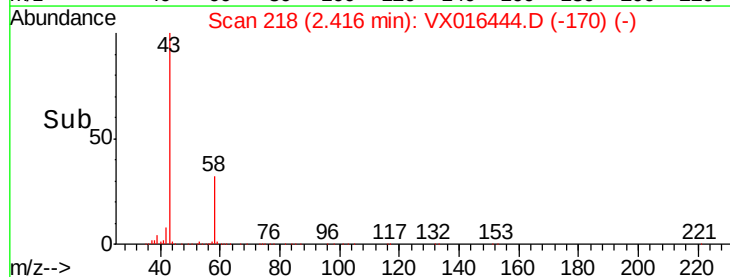
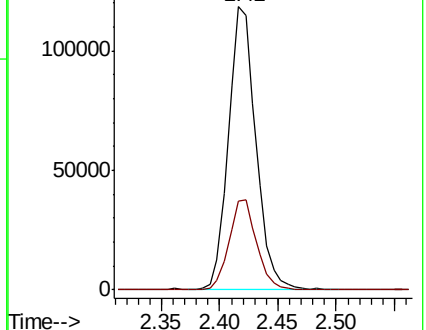
43 100

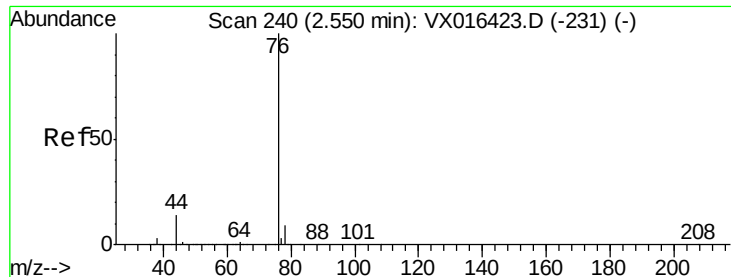
58 31.7 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

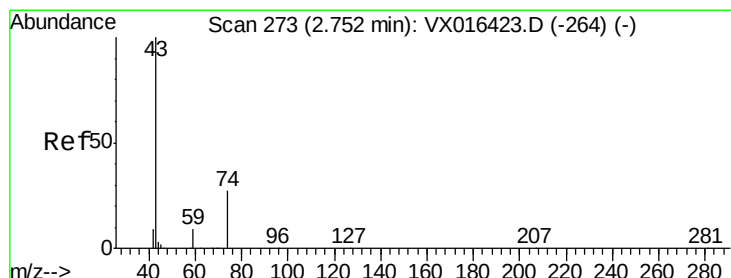
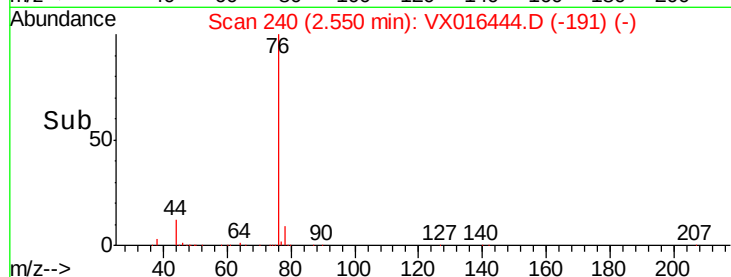
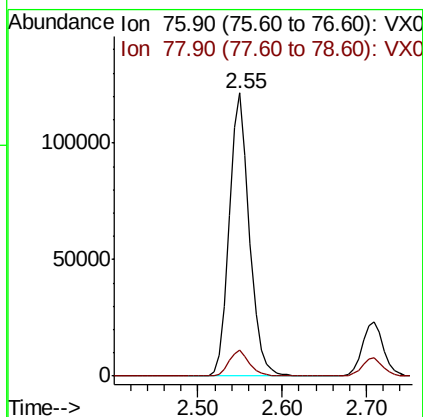
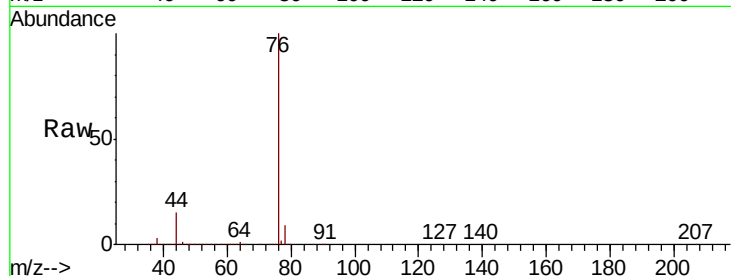




#17
Carbon Disulfide
Concen: 48.595 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

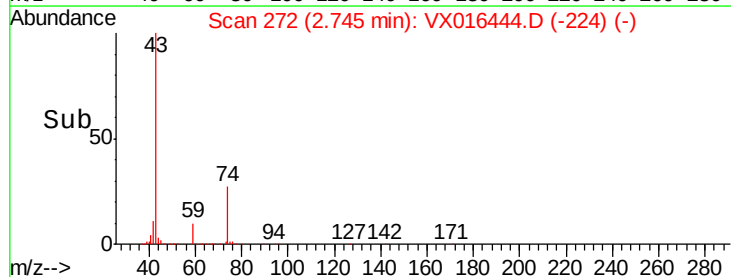
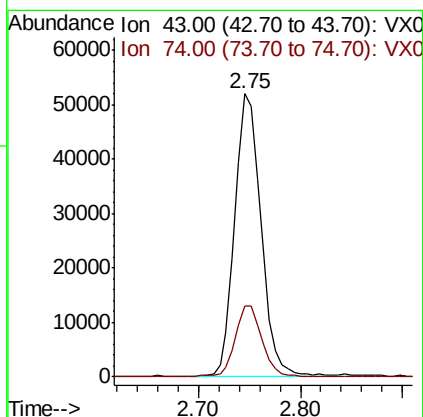
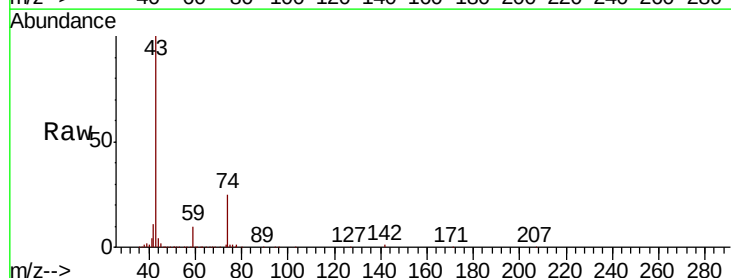
Instrument :
MSVOA_X
ClientSampleId :

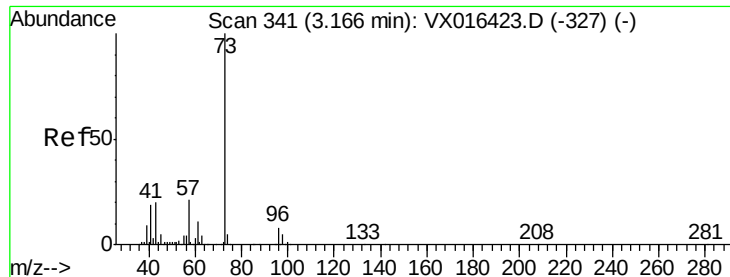
Tot Ion: 76 Resp: 197371
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 51.976 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Tgt Ion: 43 Resp: 92619
Ion Ratio Lower Upper
43 100
74 26.0 21.3 31.9



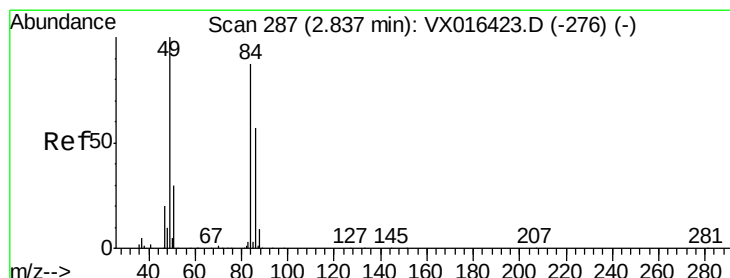
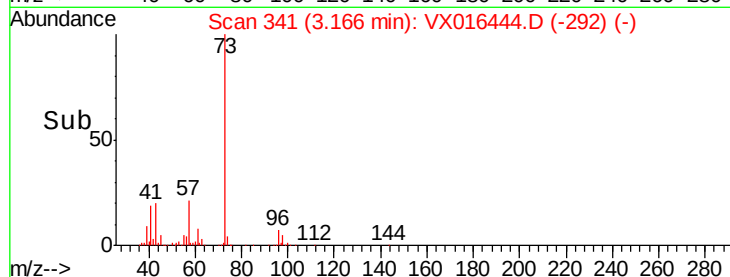
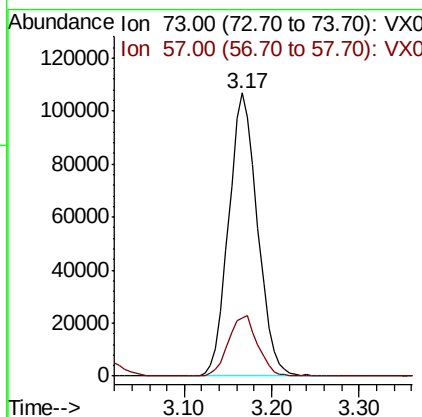
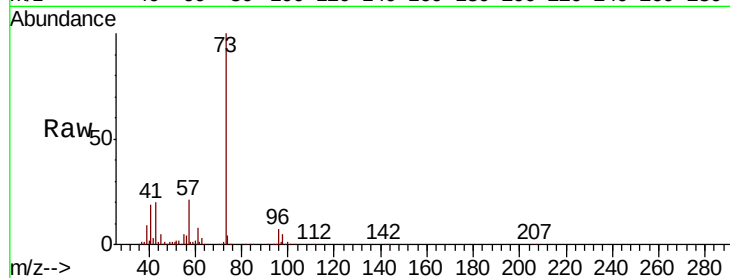


#19

Methyl tert-butyl Ether
 Concen: 51.084 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016444.D
 Acq: 26 May 2020 22:37

Instrument :
 MSVOA_X
 ClientSampleId :

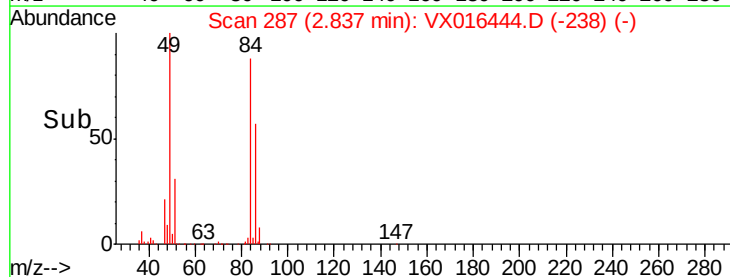
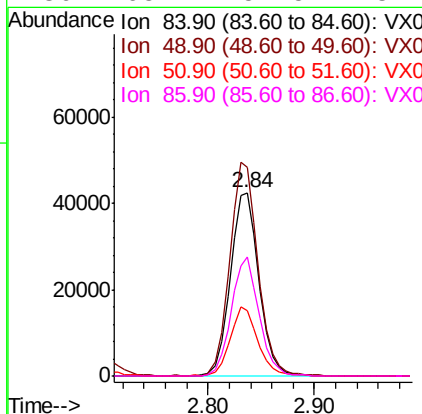
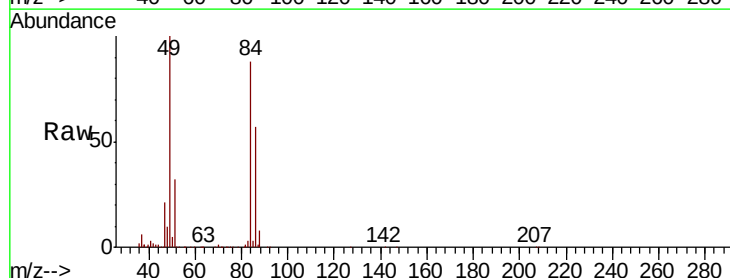
Tot Ion: 73 Resp: 244358
 Ion Ratio Lower Upper
 73 100
 57 20.7 17.3 25.9

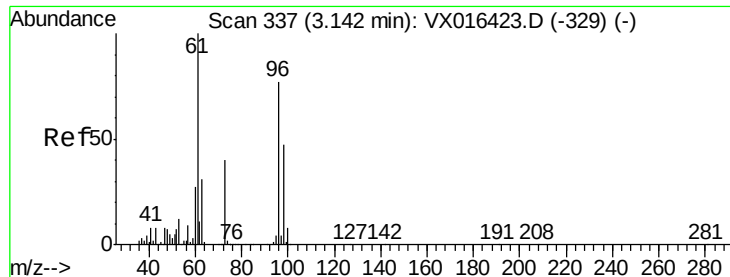


#20

Methylene Chloride
 Concen: 50.587 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX016444.D
 Acq: 26 May 2020 22:37

Tgt Ion: 84 Resp: 79733
 Ion Ratio Lower Upper
 84 100
 49 114.1 92.2 138.4
 51 35.9 27.8 41.8
 86 65.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 49.036 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

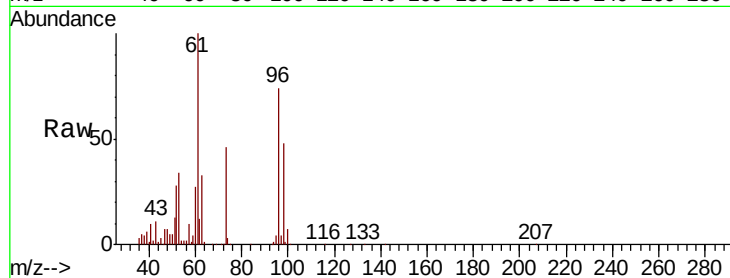
Tot Ion: 96 Resp: 76482

Ion Ratio Lower Upper

96 100

61 135.1 104.3 156.5

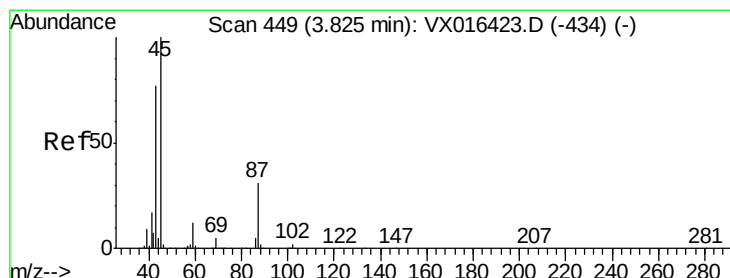
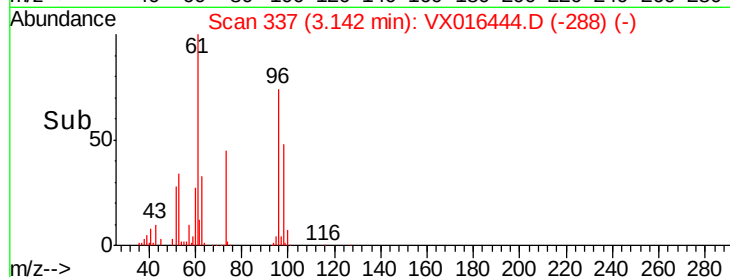
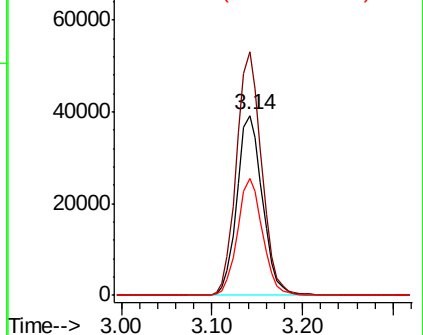
98 64.8 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.651 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Tgt Ion: 45 Resp: 237805

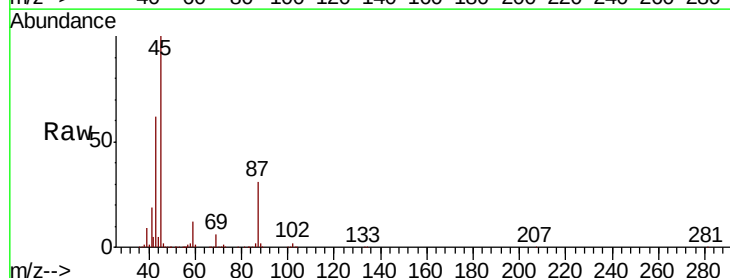
Ion Ratio Lower Upper

45 100

43 61.2 61.4 92.2#

87 30.6 24.4 36.6

59 11.7 9.4 14.2

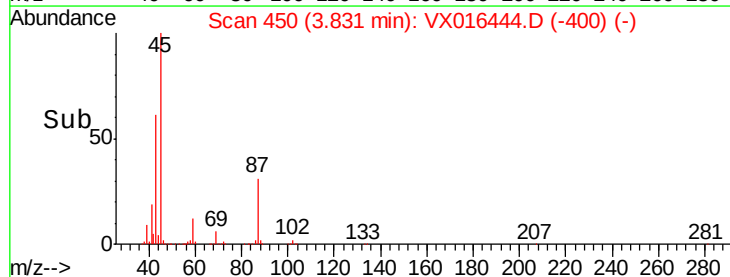
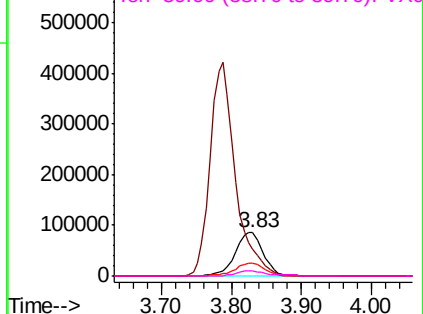


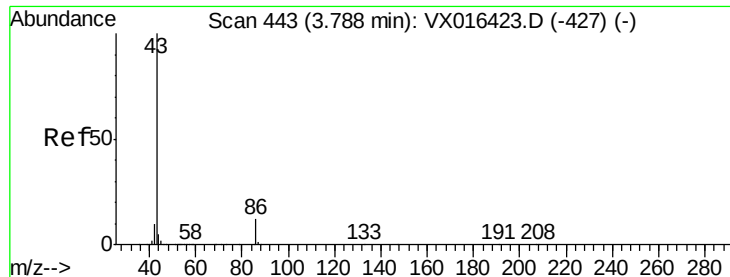
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 262.271 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Instrument :

MSVOA_X

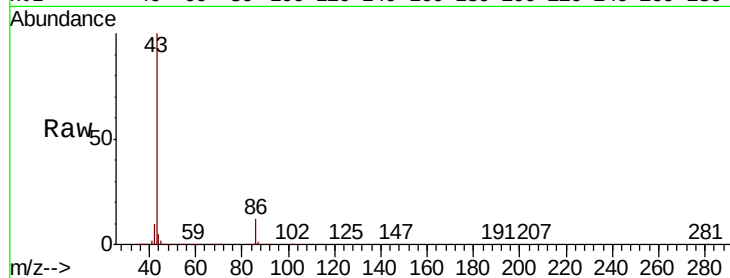
ClientSampled :

Tot Ion: 43 Resp: 1059349

Ion Ratio Lower Upper

43 100

86 12.0 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

400000

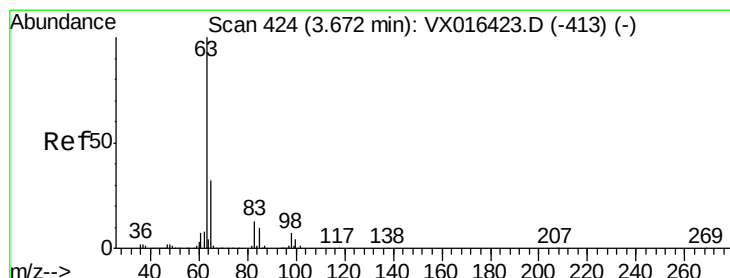
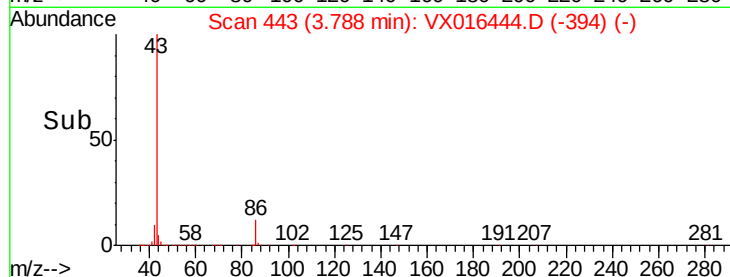
300000

200000

100000

0

Time--> 3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 51.037 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

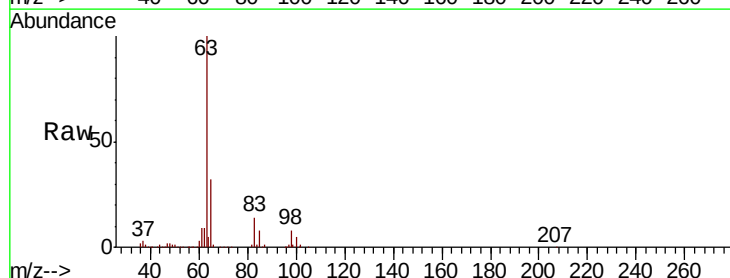
Tgt Ion: 63 Resp: 136726

Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.8

100 4.8 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.67

80000

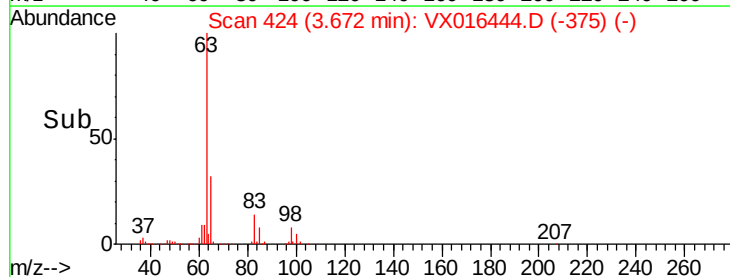
60000

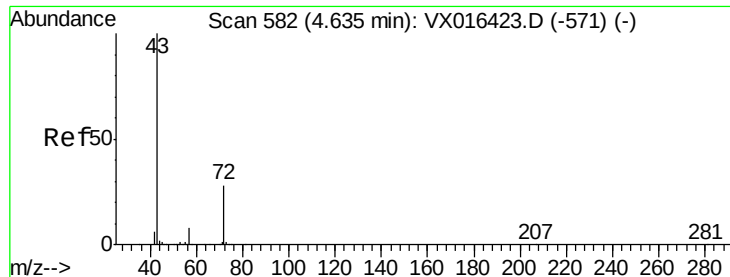
40000

20000

0

Time--> 3.50 3.60 3.70 3.80





#25

2-Butanone

Concen: 263.956 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Instrument :

MSVOA_X

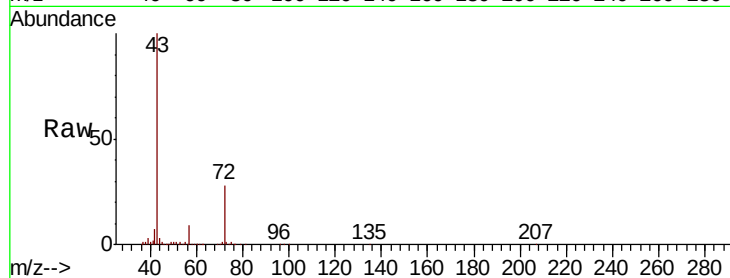
ClientSampled :

Tot Ion: 43 Resp: 313377

Ion Ratio Lower Upper

43 100

72 27.5 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.64

120000

100000

80000

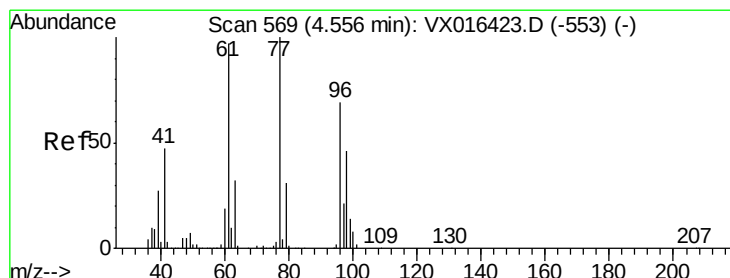
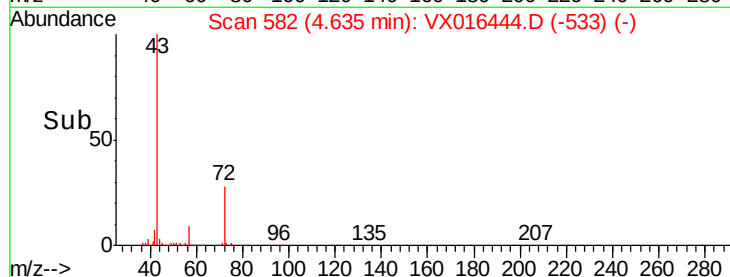
60000

40000

20000

0

Time--> 4.50 4.60 4.70



#26

2,2-Dichloropropane

Concen: 44.183 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX016444.D

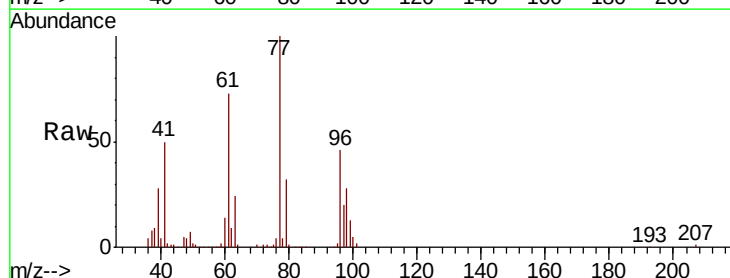
Acq: 26 May 2020 22:37

Tgt Ion: 77 Resp: 107587

Ion Ratio Lower Upper

77 100

97 22.7 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.54

40000

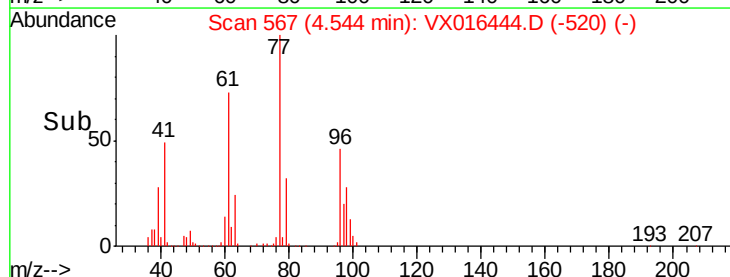
30000

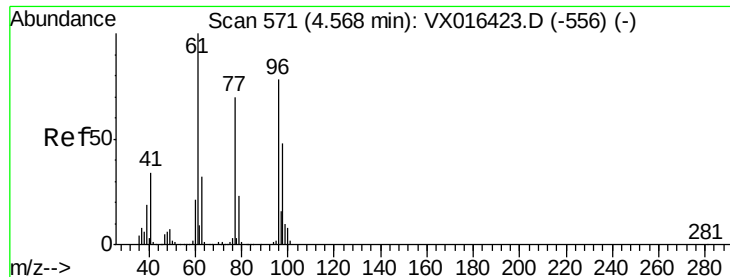
20000

10000

0

Time--> 4.40 4.50 4.60 4.70



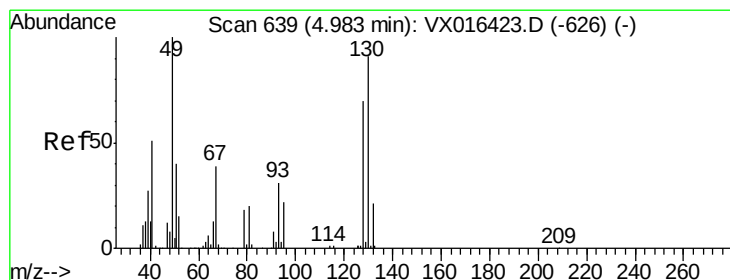
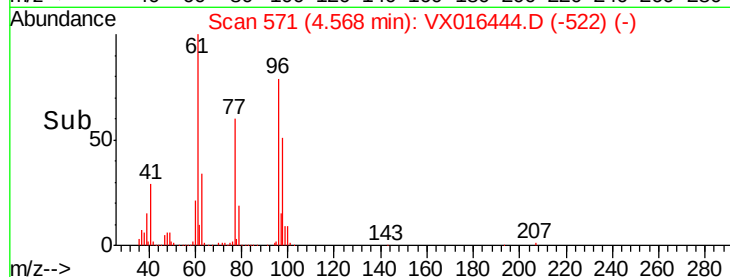
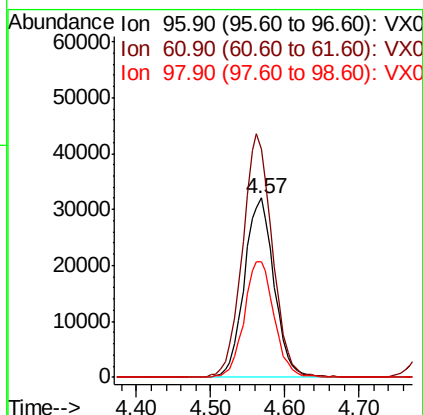
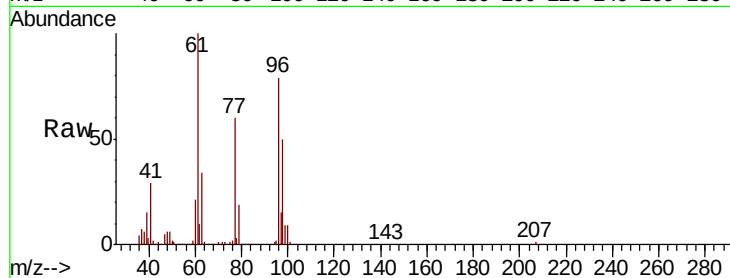


#27

cis-1,2-Dichloroethene
Concen: 50.533 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Instrument :
MSVOA_X
ClientSampleId :

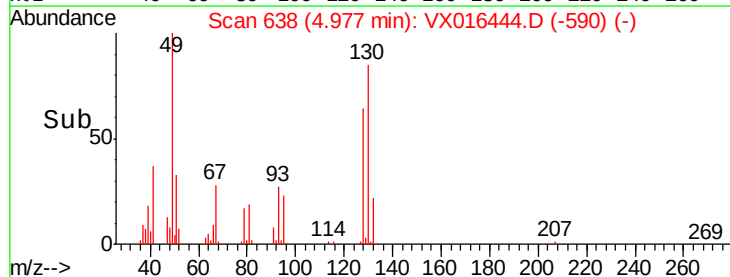
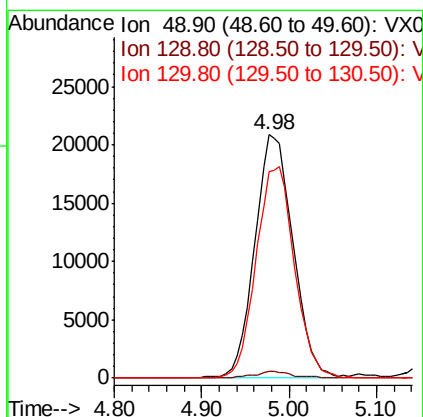
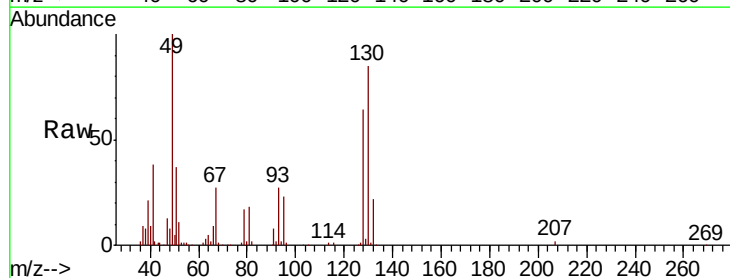
Tot Ion: 96 Resp: 89798
Ion Ratio Lower Upper
96 100
61 136.2 0.0 271.0
98 64.8 0.0 127.6

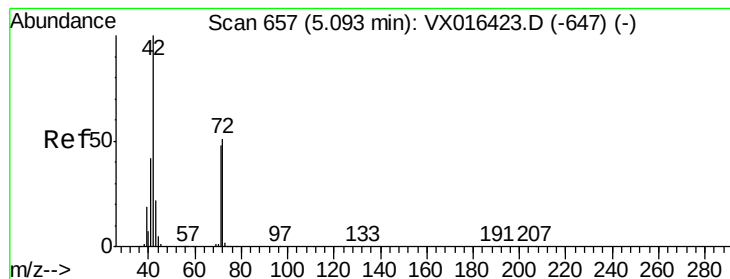


#28

Bromochloromethane
Concen: 49.697 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Tgt Ion: 49 Resp: 63820
Ion Ratio Lower Upper
49 100
129 2.7 0.0 4.8
130 87.0 71.2 106.8





#29

Tetrahydrofuran

Concen: 262.914 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

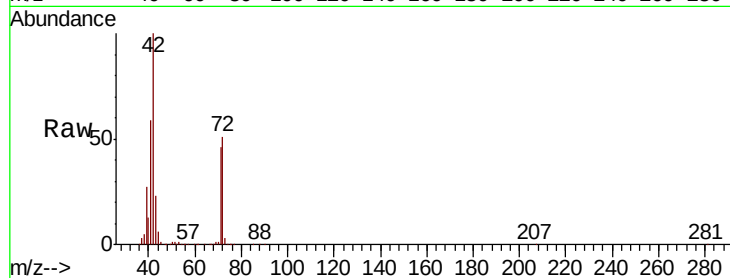
Tot Ion: 42 Resp: 202299

Ion Ratio Lower Upper

42 100

72 52.1 40.2 60.4

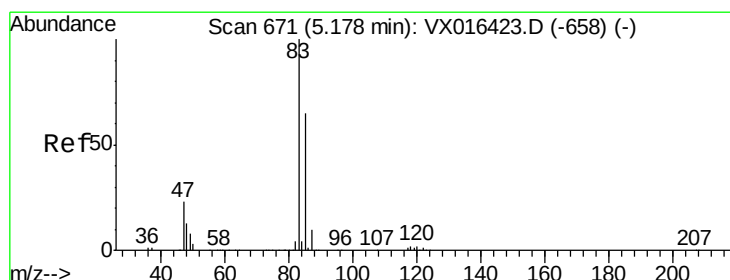
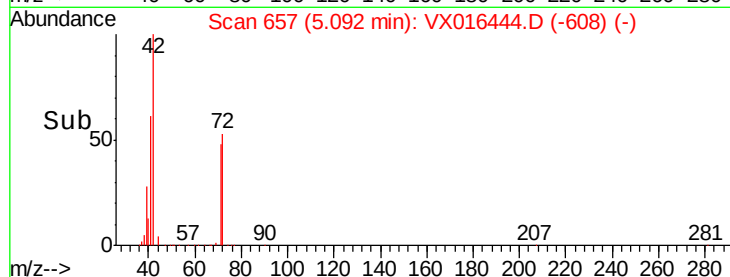
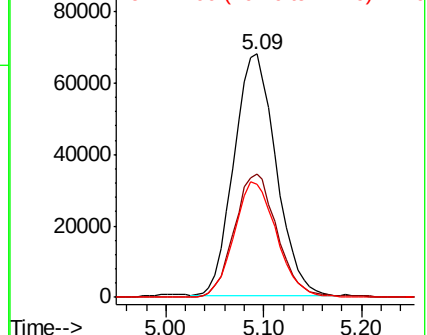
71 48.6 37.7 56.5



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 53.321 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016444.D

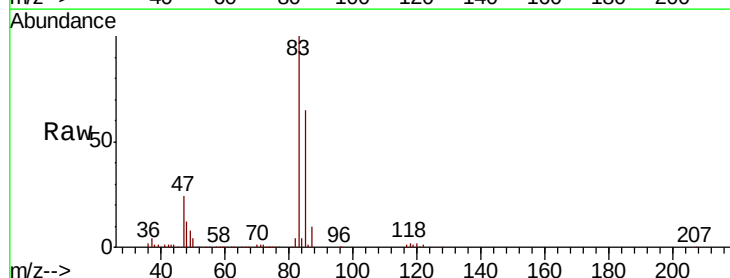
Acq: 26 May 2020 22:37

Tgt Ion: 83 Resp: 150110

Ion Ratio Lower Upper

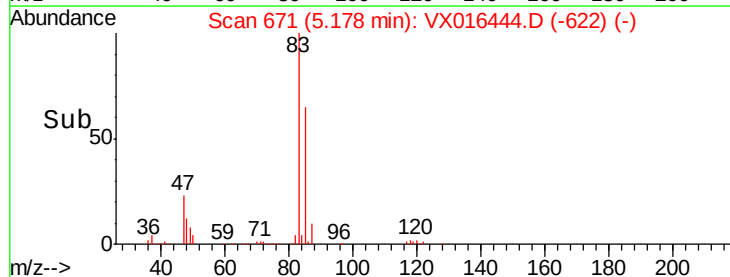
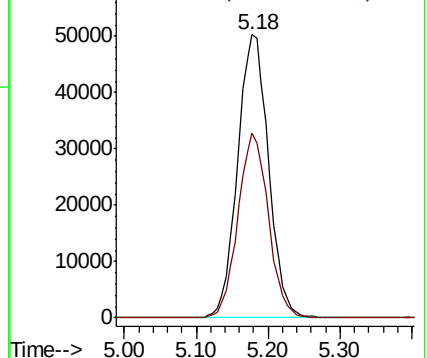
83 100

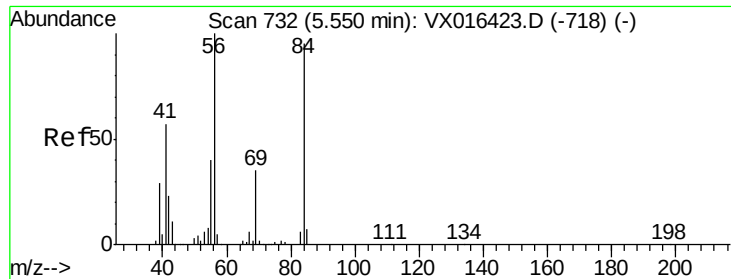
85 65.3 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

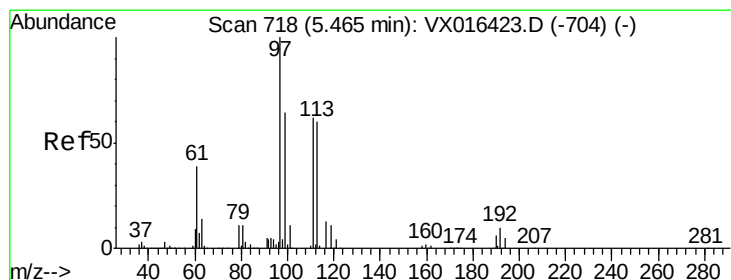
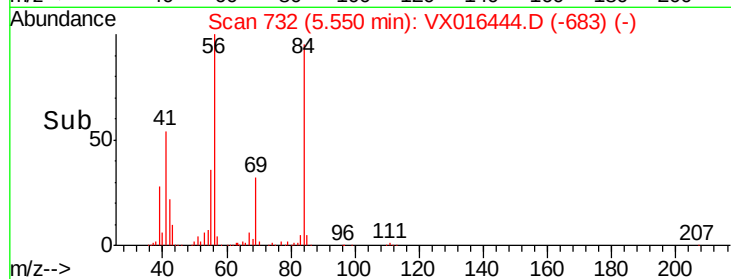
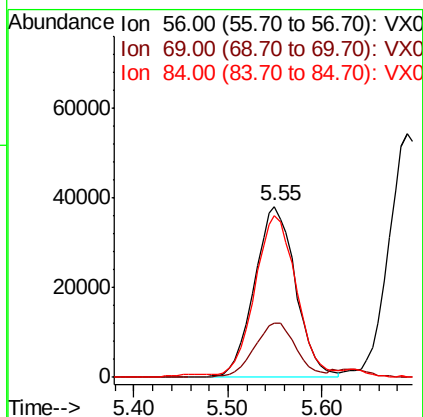
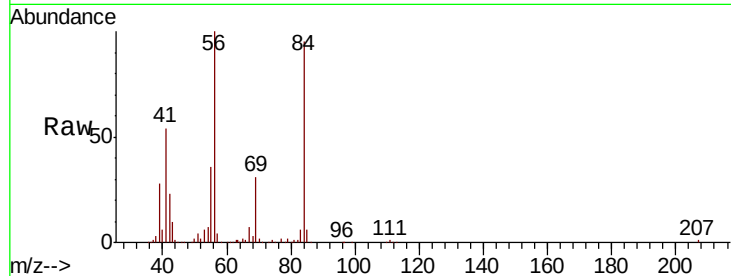




#31
Cyclohexane
Concen: 51.376 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

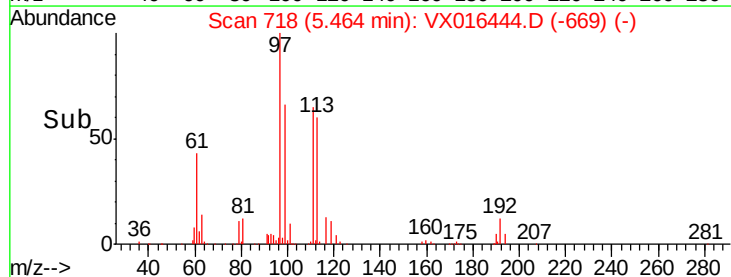
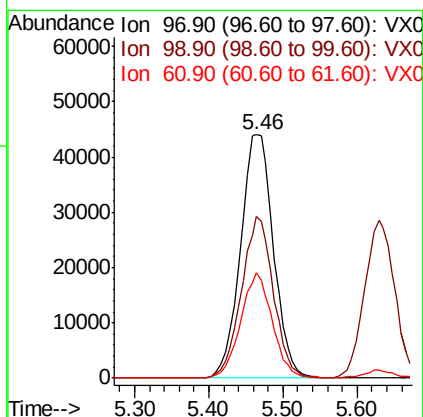
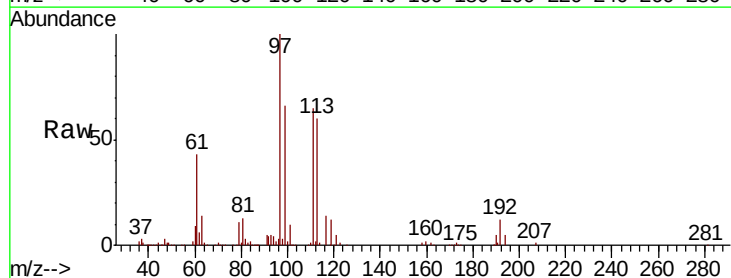
Instrument :
MSVOA_X
ClientSampleId :

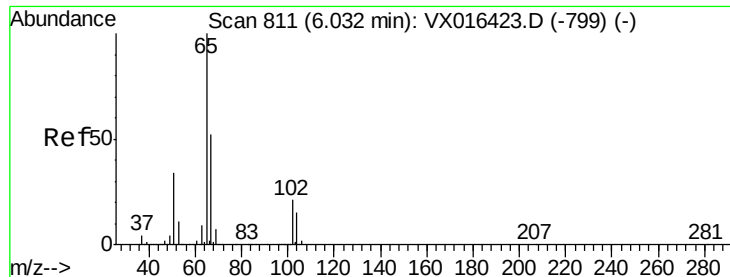
Tot Ion: 56 Resp: 116811
Ion Ratio Lower Upper
56 100
69 31.5 27.7 41.5
84 92.7 76.1 114.1



#32
1,1,1-Trichloroethane
Concen: 53.113 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Tgt Ion: 97 Resp: 136909
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 41.5 33.1 49.7

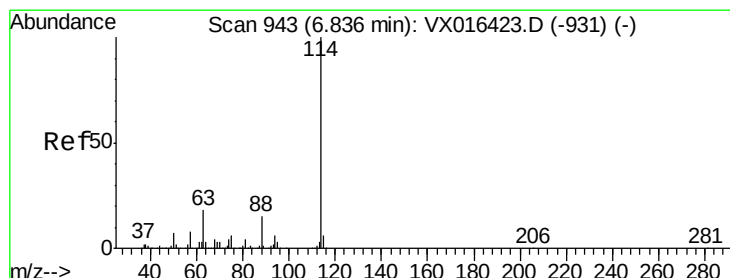
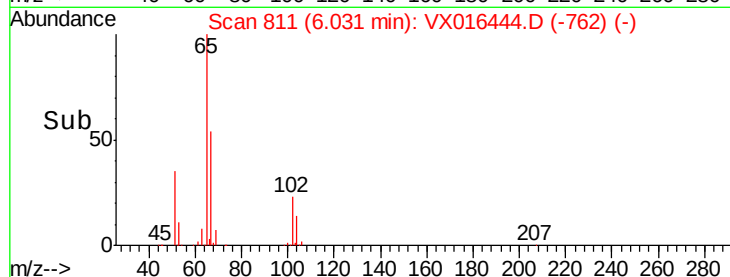
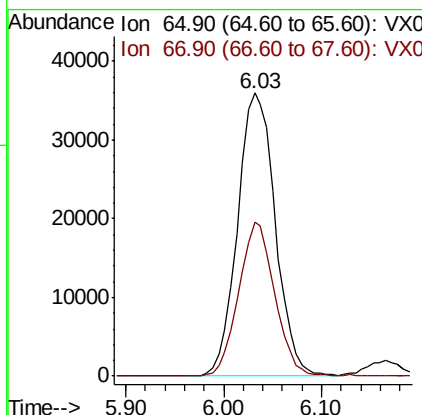
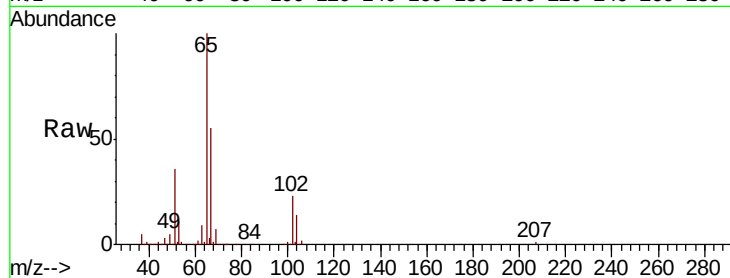




#33
 1,2-Dichloroethane-d4
 Concen: 52.423 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016444.D
 Acq: 26 May 2020 22:37

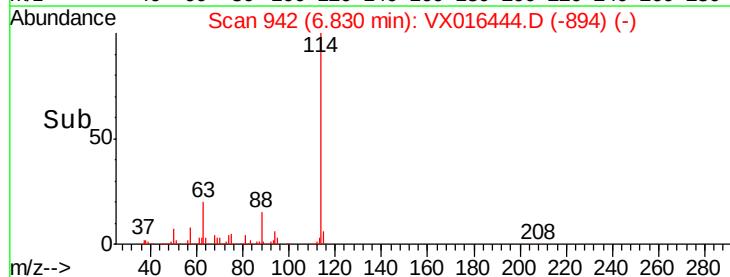
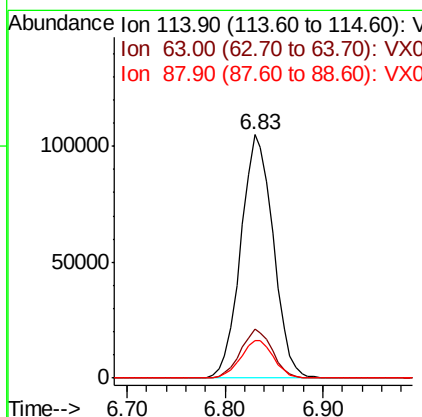
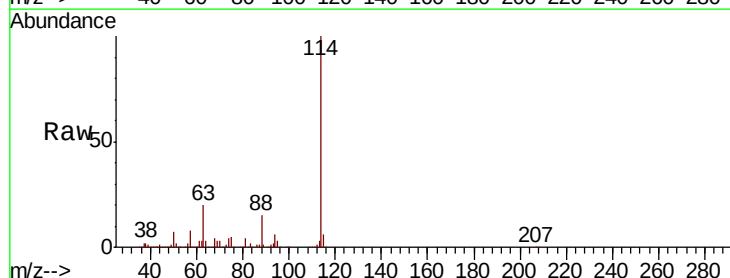
Instrument :
 MSVOA_X
 ClientSampleId :

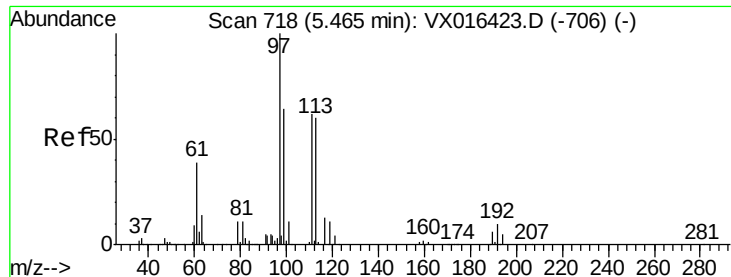
Tot Ion: 65 Resp: 96167
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX016444.D
 Acq: 26 May 2020 22:37

Tgt Ion: 114 Resp: 241775
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 36.4
 88 15.4 0.0 29.2





#35

Dibromofluoromethane

Concen: 49.861 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

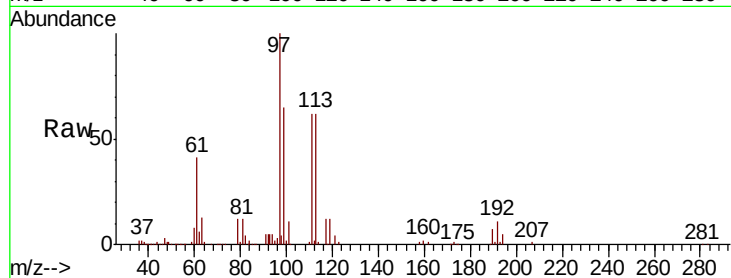
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:113 Resp: 77107

Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.5	123.7
192	19.3	16.5	24.7

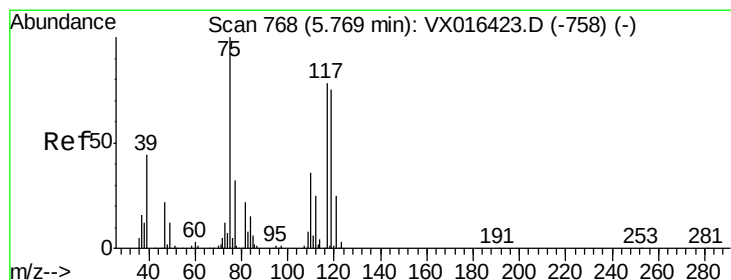
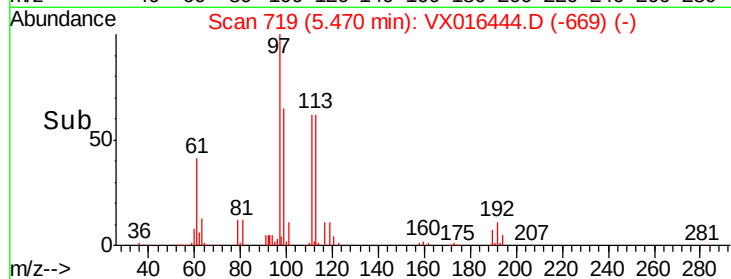
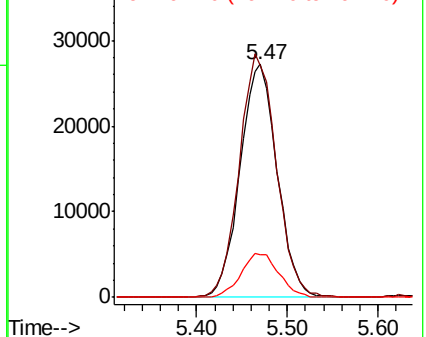


Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.462 ug/l

RT: 5.78 min Scan# 769

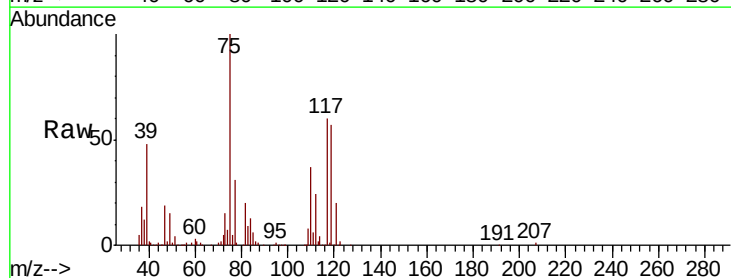
Delta R.T. 0.01 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Tgt Ion: 75 Resp: 108160

Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.7	56.1
77	31.5	24.9	37.3

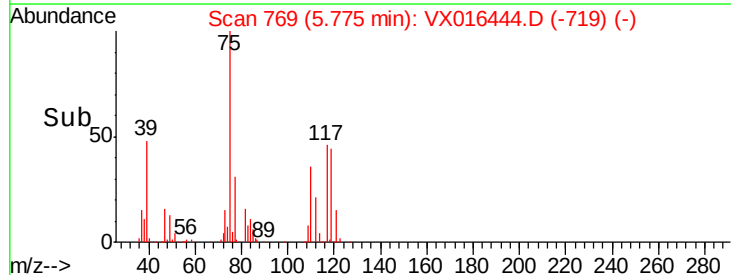
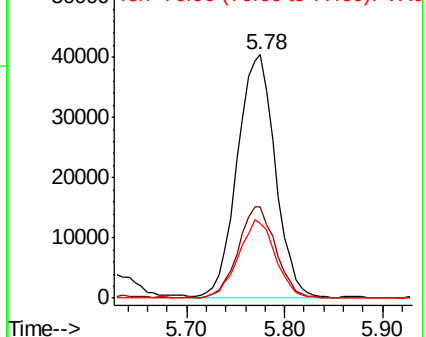


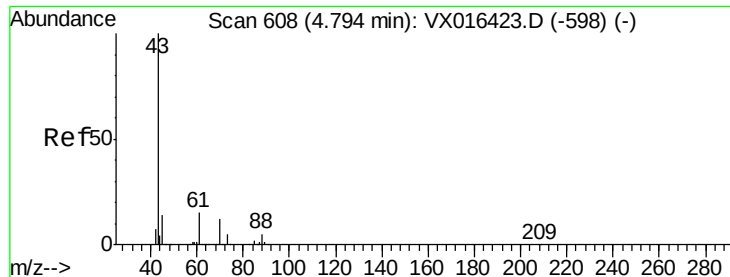
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

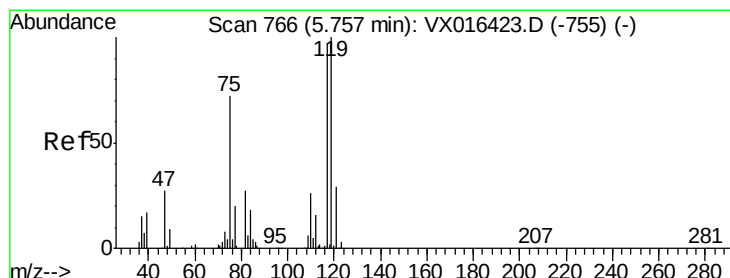
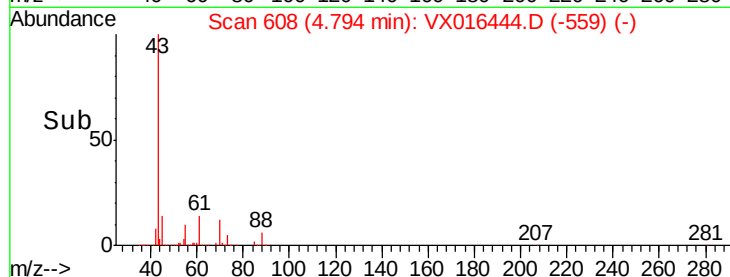
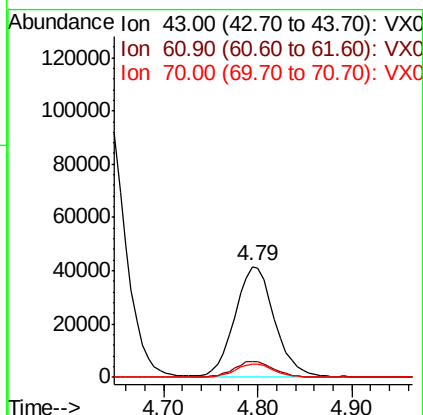
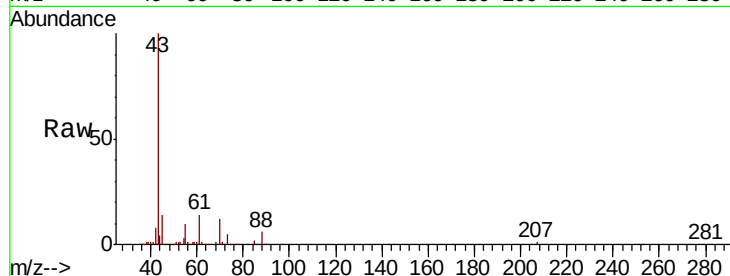




#37
Ethyl Acetate
Concen: 50.944 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

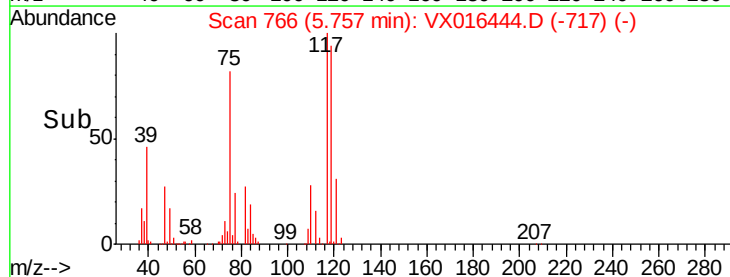
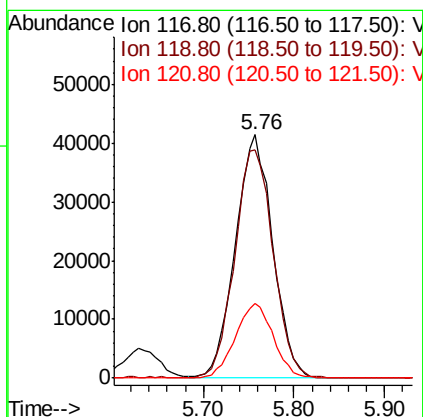
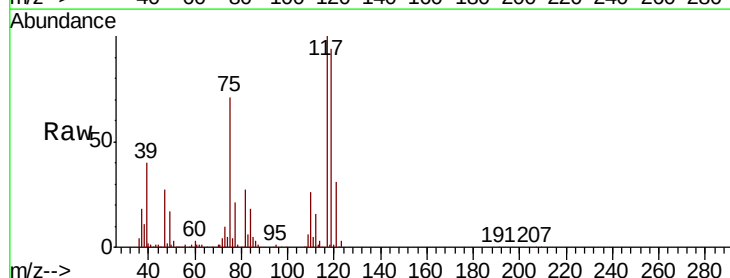
Instrument :
MSVOA_X
ClientSampled :

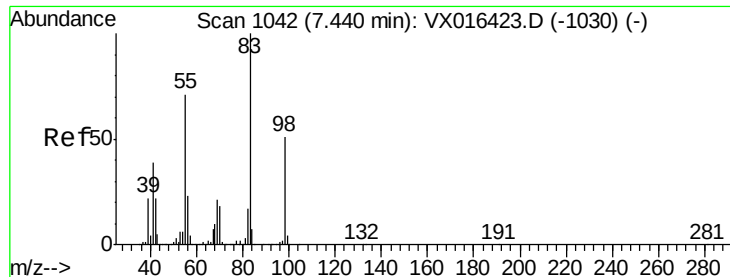
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.8	17.8
70	12.2	9.6	14.4



#38
Carbon Tetrachloride
Concen: 51.006 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	82.2	123.4
121	30.9	24.1	36.1

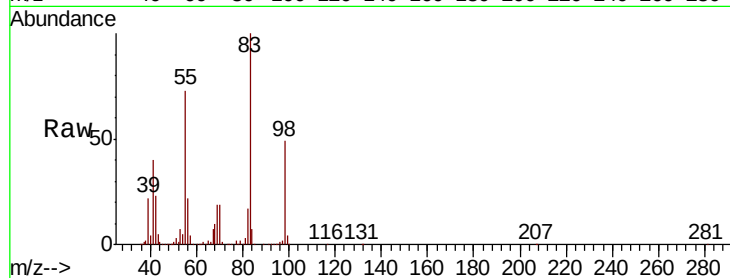




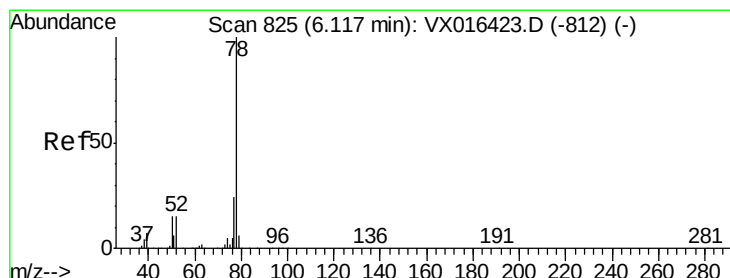
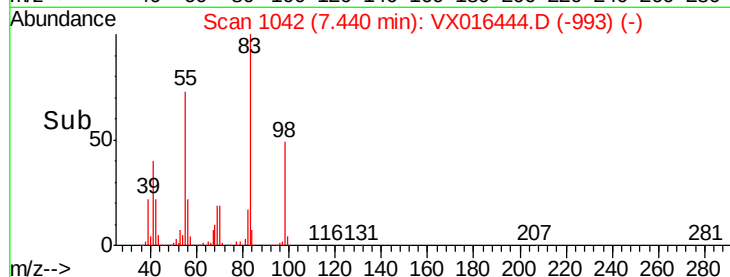
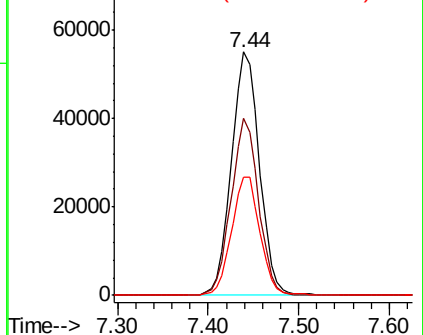
#39
Methylvlcyclohexane
Concen: 49.699 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 117985
Ion Ratio Lower Upper
83 100
55 72.8 56.8 85.2
98 48.8 40.6 61.0

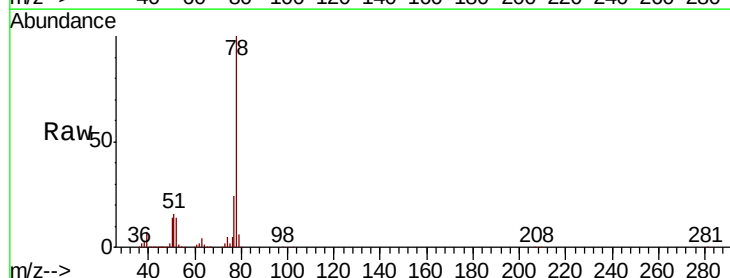


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

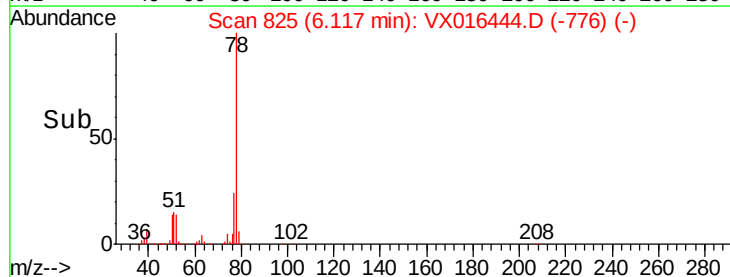
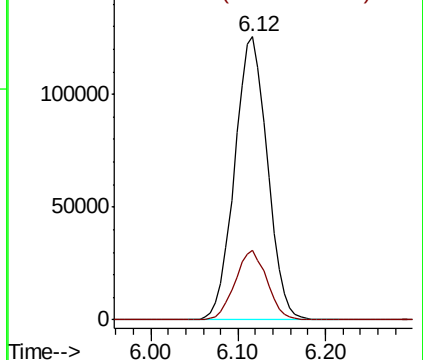


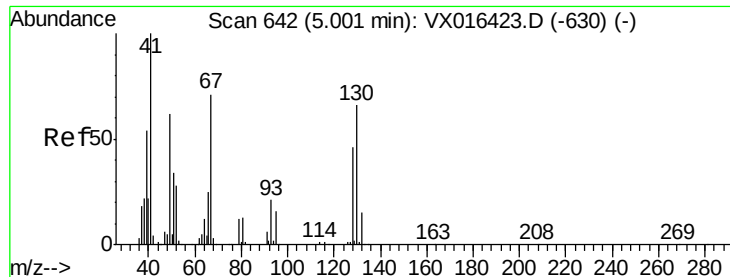
#40
Benzene
Concen: 51.096 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Tgt Ion: 78 Resp: 326876
Ion Ratio Lower Upper
78 100
77 24.4 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

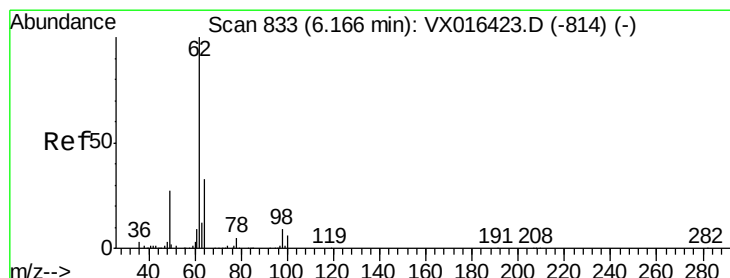
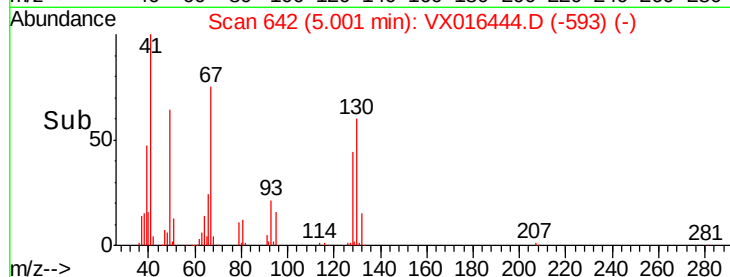
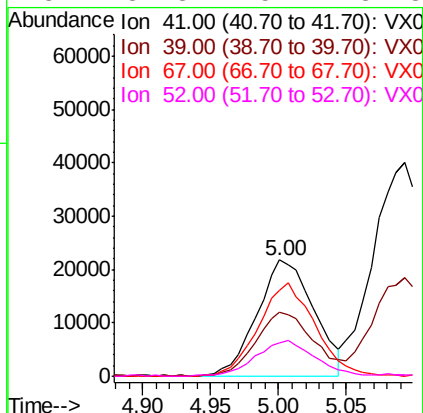
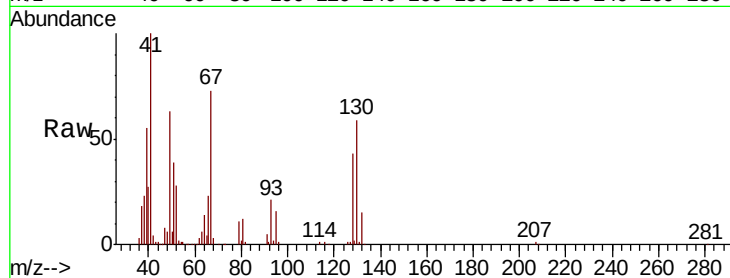




#41
Methacrylonitrile
Concen: 49.596 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

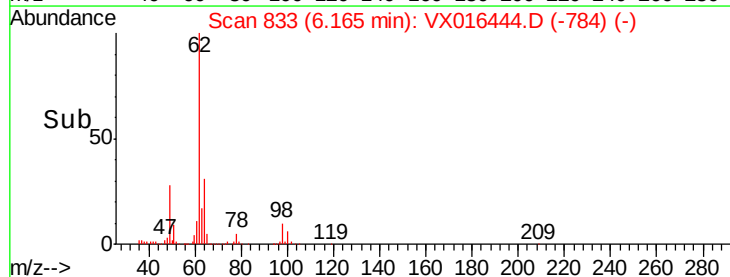
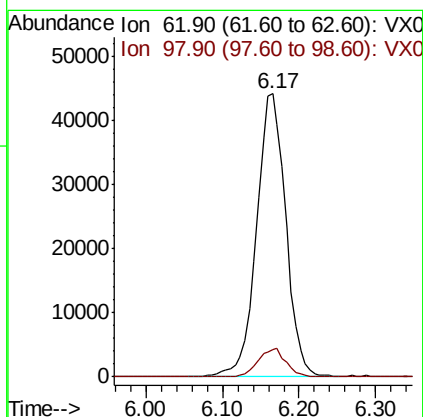
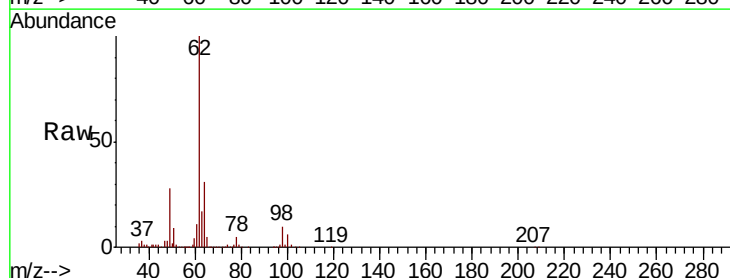
Instrument :
MSVOA_X
ClientSampleId :

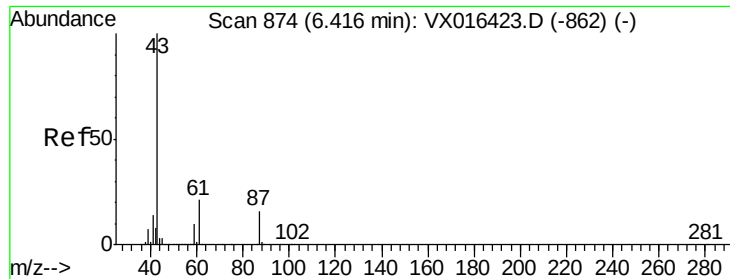
Tot Ion:	41	Resp:	62817
Ion	Ratio	Lower	Upper
41	100		
39	56.6	44.4	66.6
67	80.8	62.2	93.4
52	31.3	25.2	37.8



#42
1,2-Dichloroethane
Concen: 50.305 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Tgt Ion:	62	Resp:	117470
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.4





#43

Isopropyl Acetate

Concen: 51.232 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

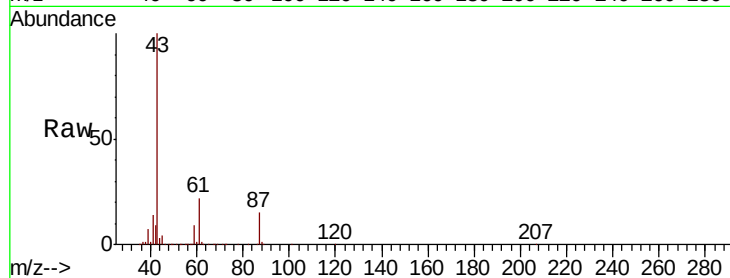
Tot Ion: 43 Resp: 194669

Ion Ratio Lower Upper

43 100

61 21.3 17.2 25.8

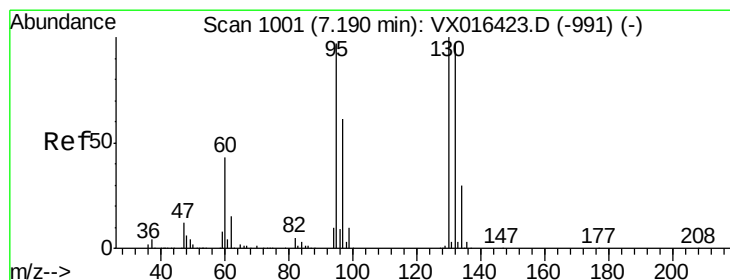
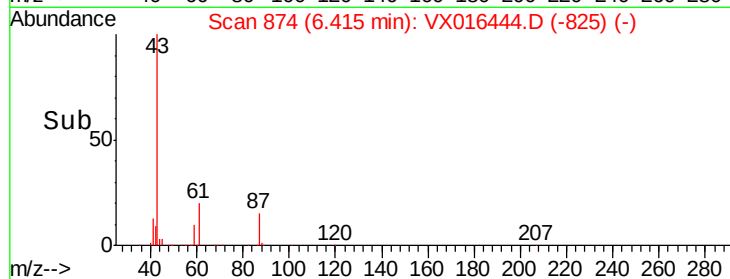
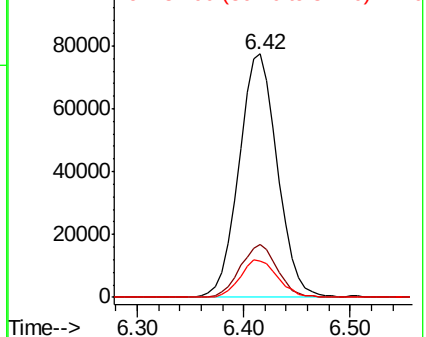
87 15.3 12.3 18.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.341 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016444.D

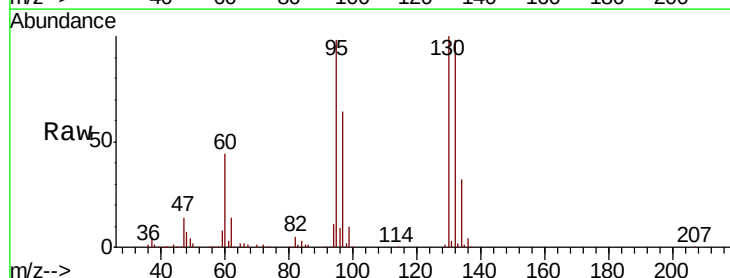
Acq: 26 May 2020 22:37

Tgt Ion:130 Resp: 101369

Ion Ratio Lower Upper

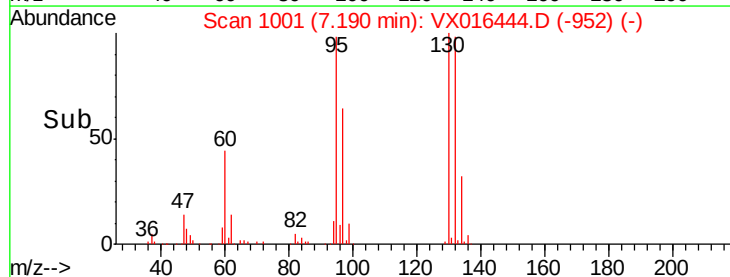
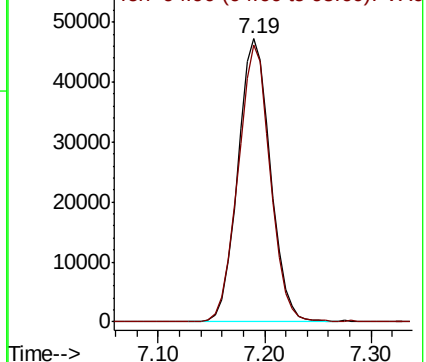
130 100

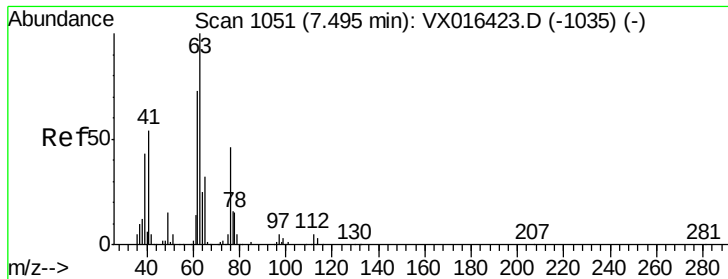
95 97.7 0.0 194.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

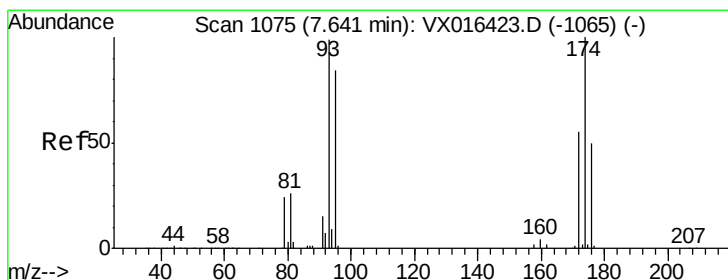
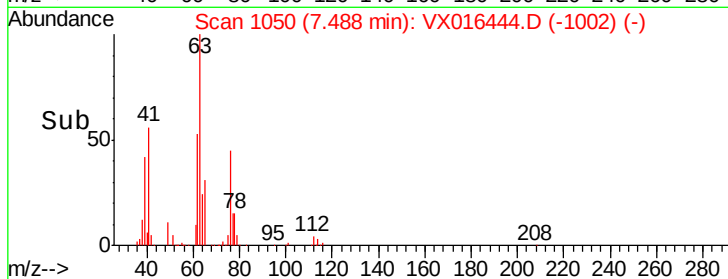
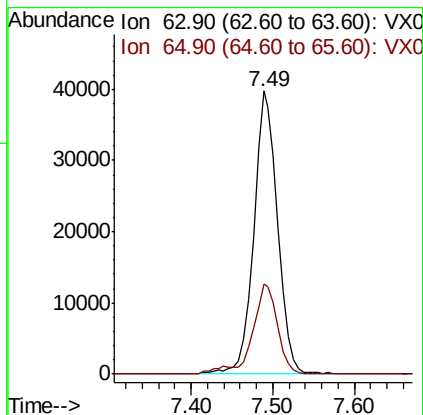
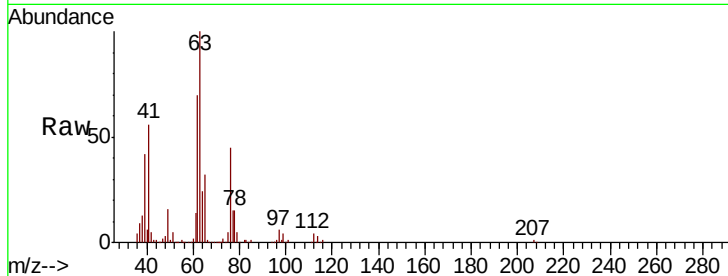




#45
 1,2-Dichloropropane
 Concen: 50.688 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX016444.D
 Acq: 26 May 2020 22:37

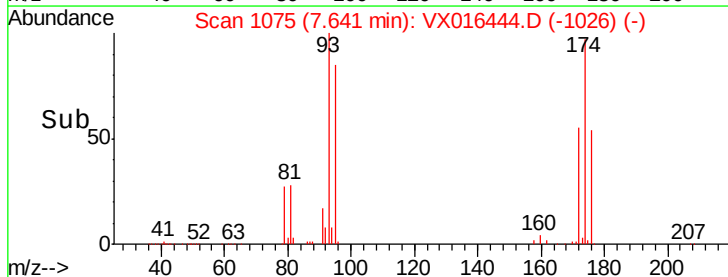
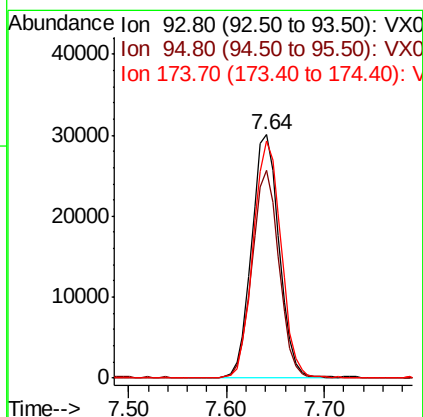
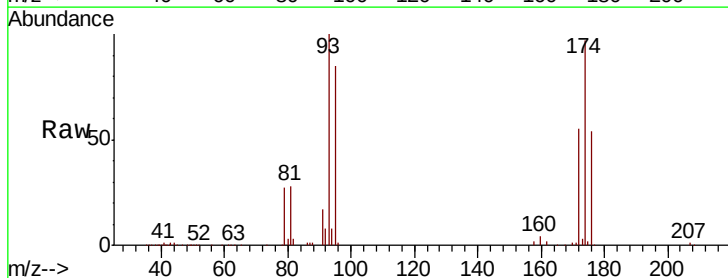
Instrument :
 MSVOA_X
 ClientSampleId :

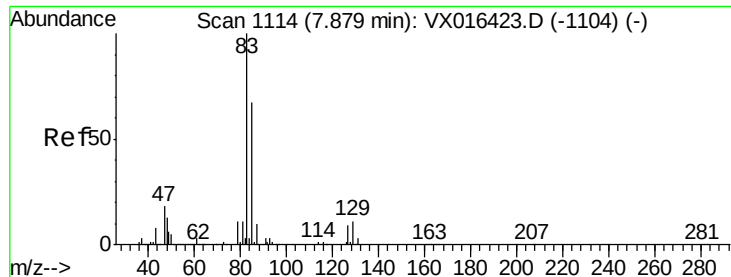
Tot Ion: 63 Resp: 80986
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.3 37.9



#46
 Dibromomethane
 Concen: 50.854 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016444.D
 Acq: 26 May 2020 22:37

Tgt Ion: 93 Resp: 59205
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.0 97.4
 174 99.1 81.4 122.0





#47

Bromodichloromethane

Concen: 51.660 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

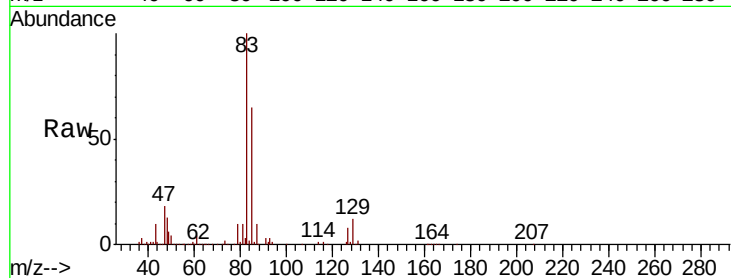
Tot Ion: 83 Resp: 121474

Ion Ratio Lower Upper

83 100

85 65.5 53.8 80.8

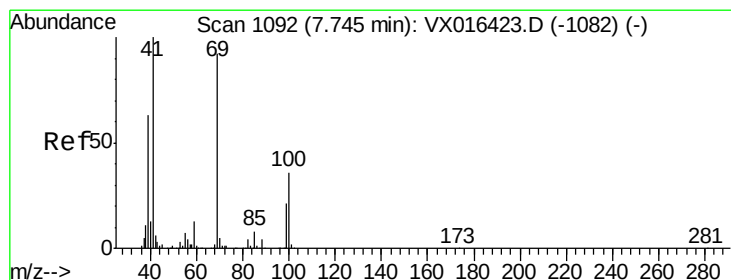
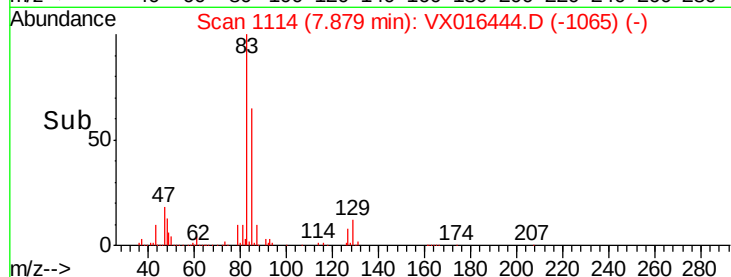
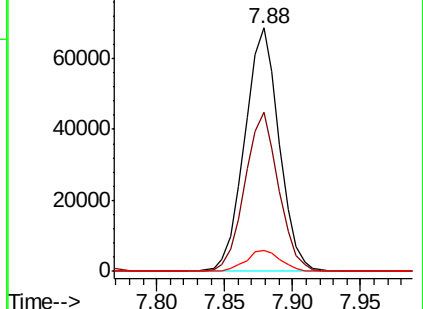
127 8.4 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.289 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

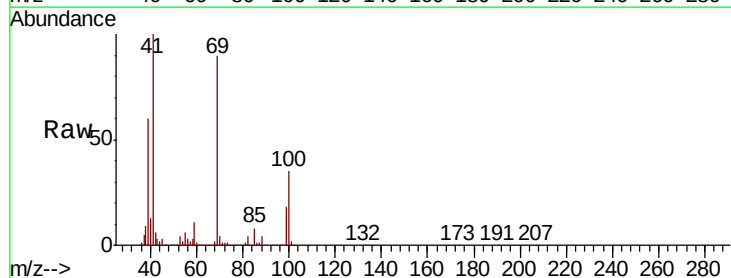
Tgt Ion: 41 Resp: 90541

Ion Ratio Lower Upper

41 100

69 92.2 71.8 107.8

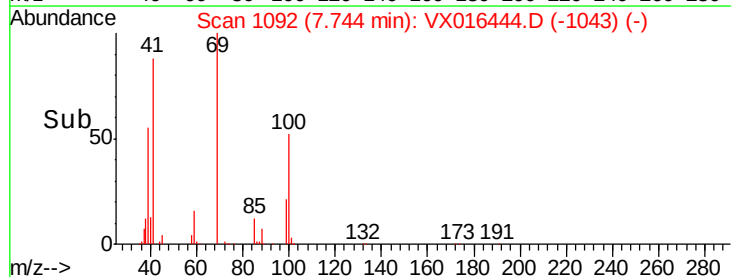
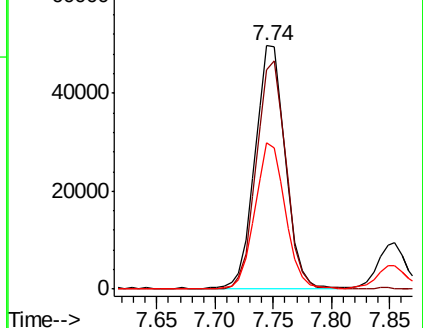
39 59.9 48.6 73.0

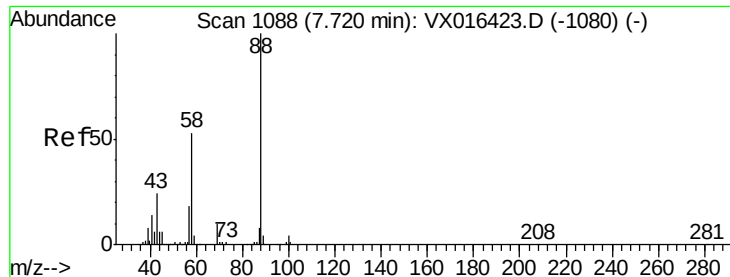


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1000.418 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

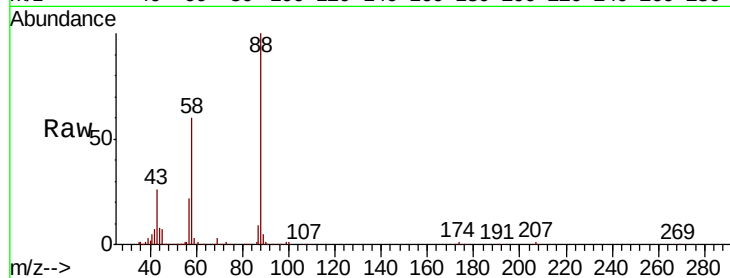
Tot Ion: 88 Resp: 44575

Ion Ratio Lower Upper

88 100

43 30.4 23.0 34.6

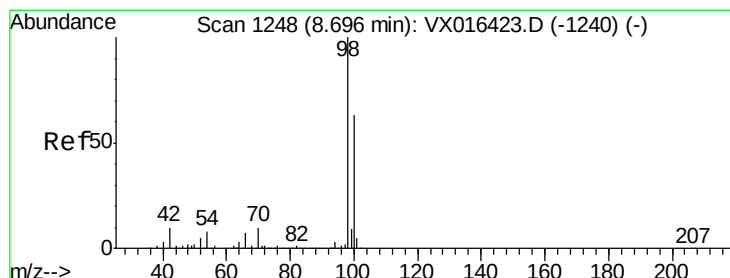
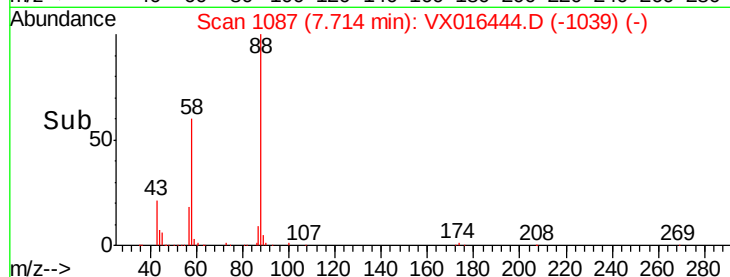
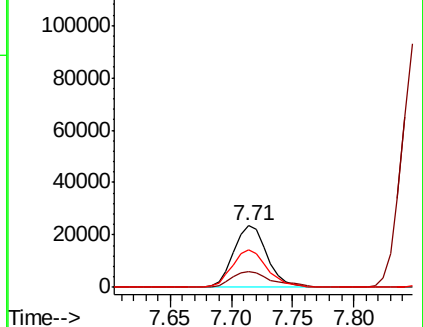
58 63.6 51.7 77.5



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 52.479 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016444.D

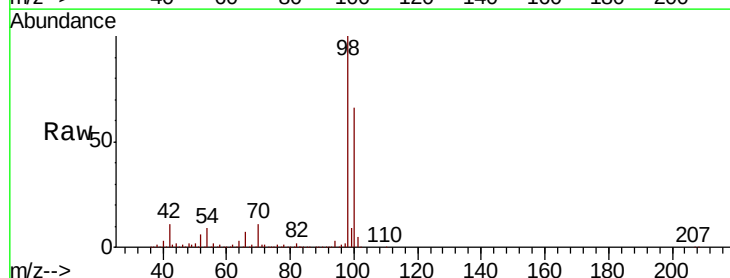
Acq: 26 May 2020 22:37

Tgt Ion: 98 Resp: 298936

Ion Ratio Lower Upper

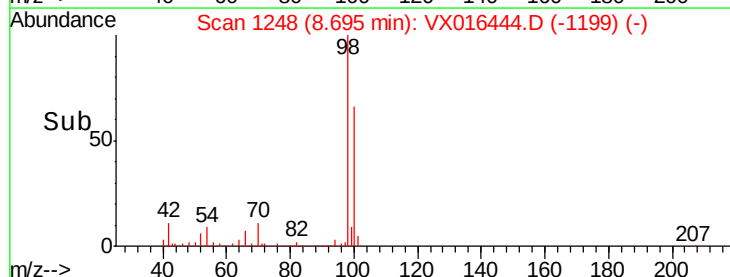
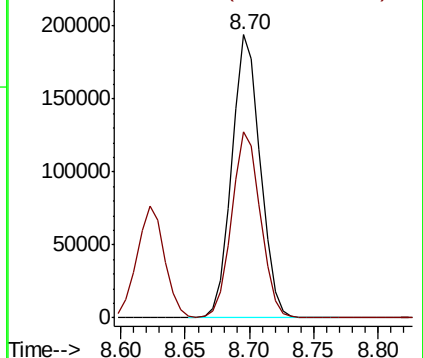
98 100

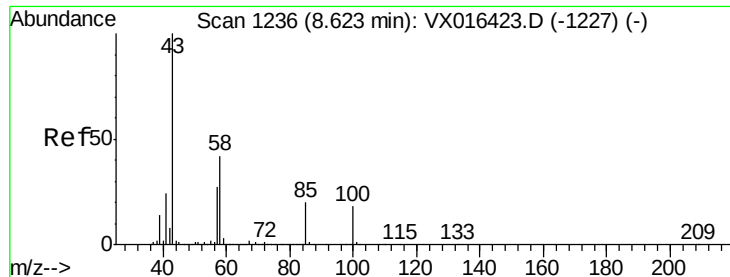
100 66.2 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 260.208 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Instrument :

MSVOA_X

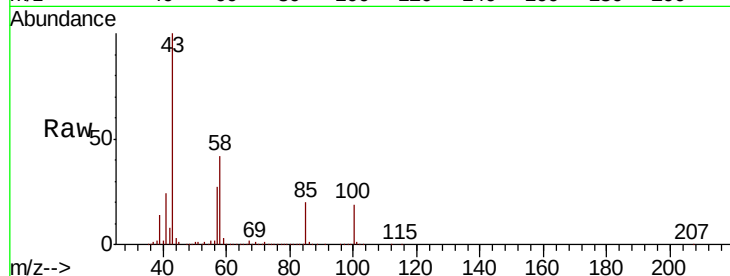
ClientSampleId :

Tot Ion: 43 Resp: 624864

Ion Ratio Lower Upper

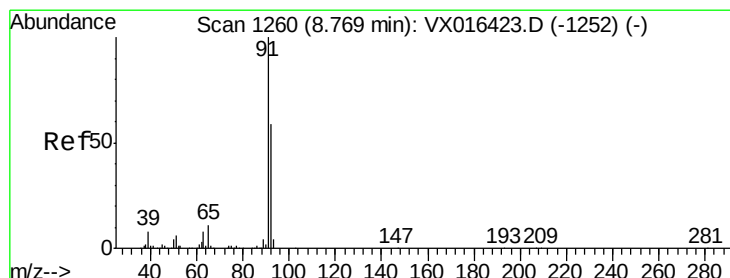
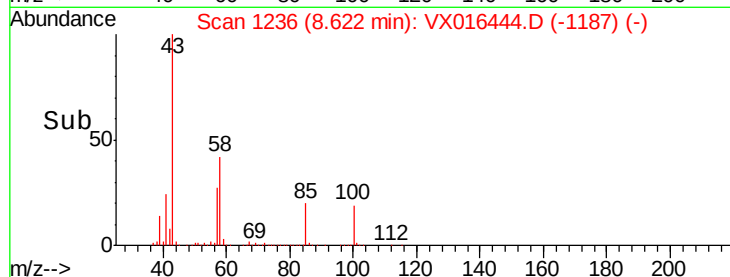
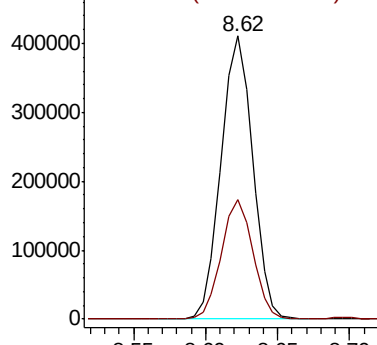
43 100

58 42.0 33.8 50.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.980 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016444.D

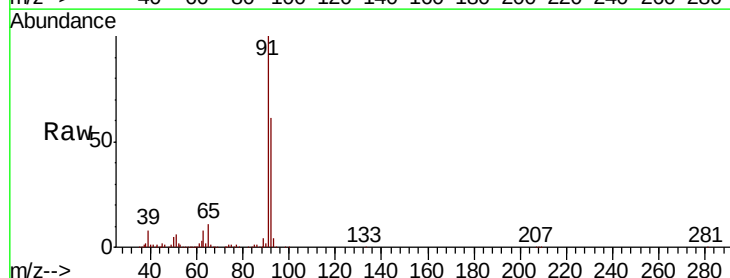
Acq: 26 May 2020 22:37

Tgt Ion: 92 Resp: 217474

Ion Ratio Lower Upper

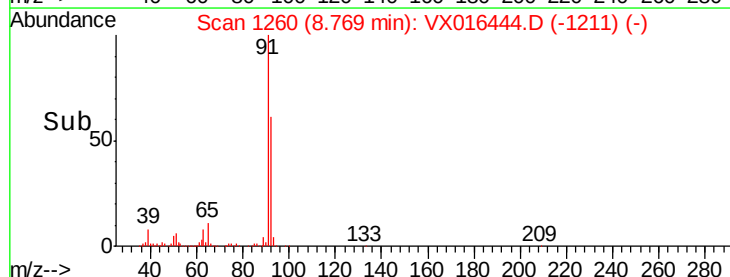
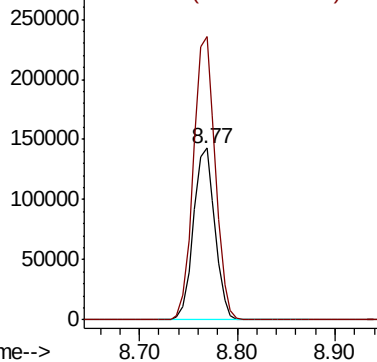
92 100

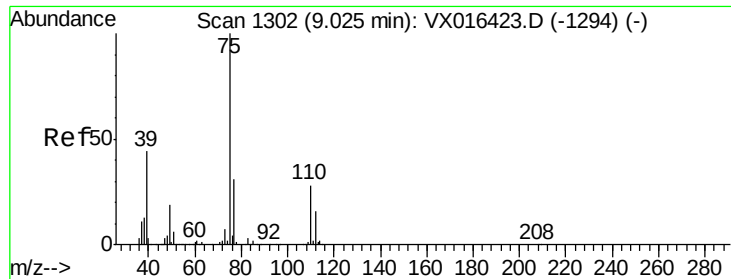
91 167.3 135.7 203.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 50.401 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

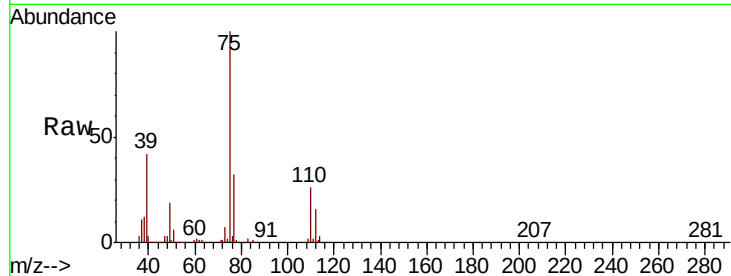
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 134876

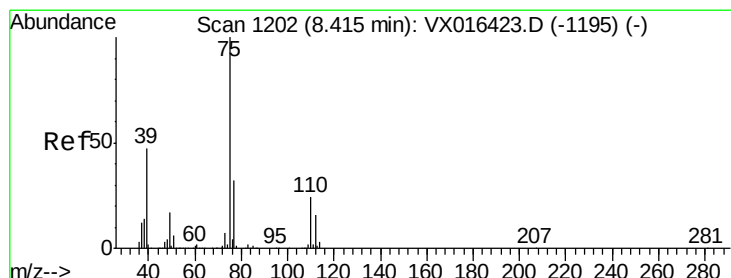
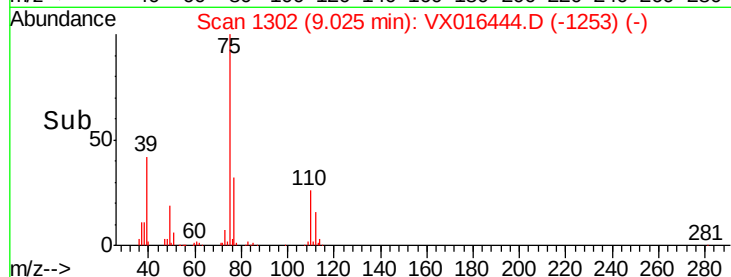
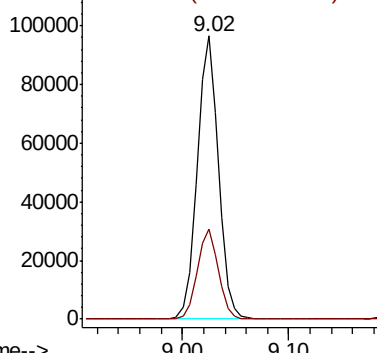
Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 49.643 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

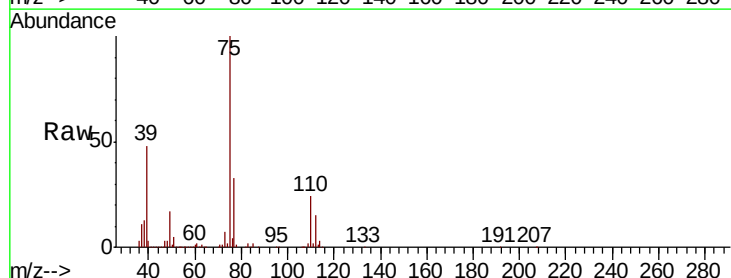
Tgt Ion: 75 Resp: 136581

Ion Ratio Lower Upper

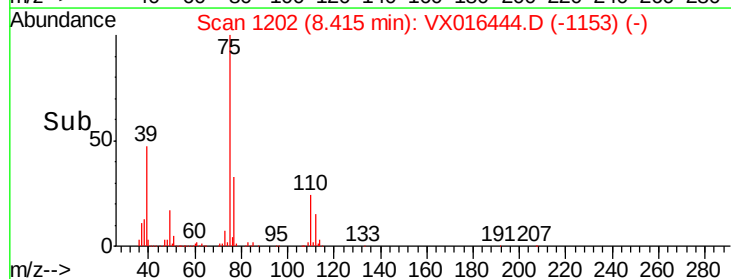
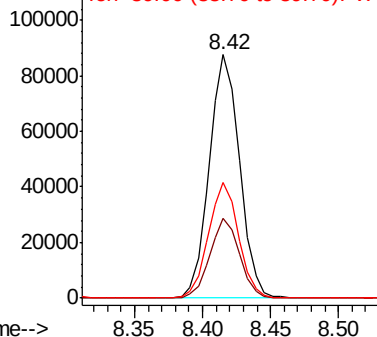
75 100

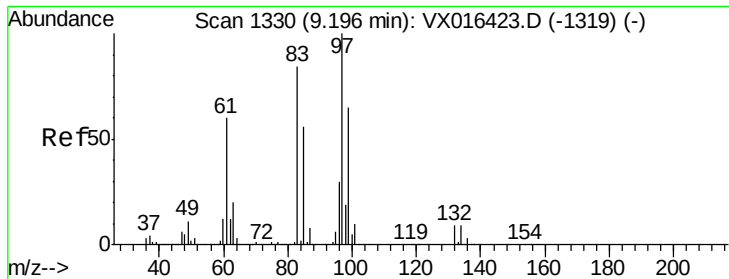
77 32.6 25.4 38.0

39 47.4 37.7 56.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0
Ion 39.00 (38.70 to 39.70): VX0

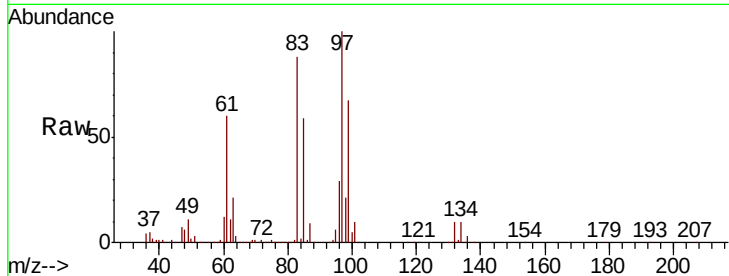




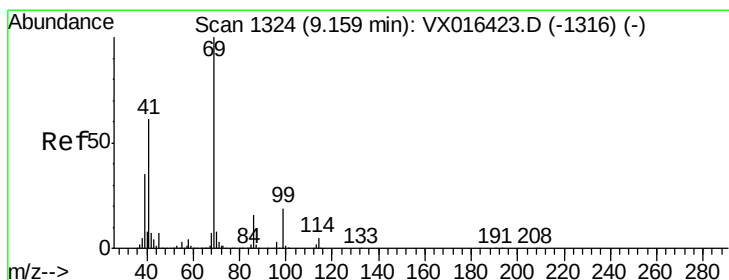
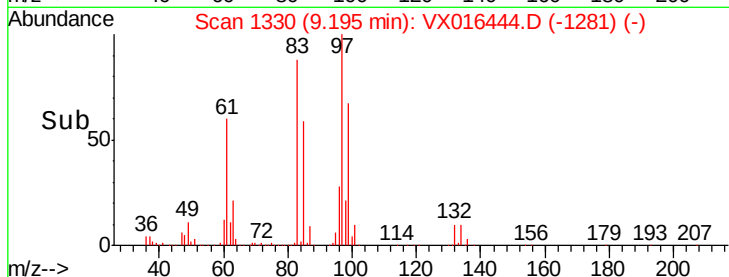
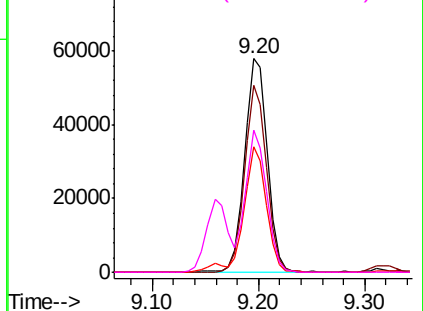
#55
 1,1,2-Trichloroethane
 Concen: 52.183 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016444.D
 Acq: 26 May 2020 22:37

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	87346
Ion	Ratio	Lower	Upper
97	100		
83	87.8	66.9	100.3
85	58.6	45.2	67.8
99	66.7	51.9	77.9

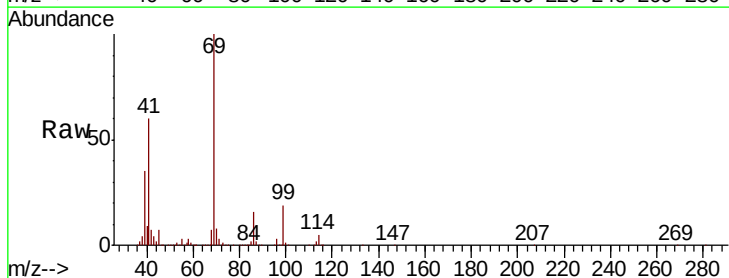


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

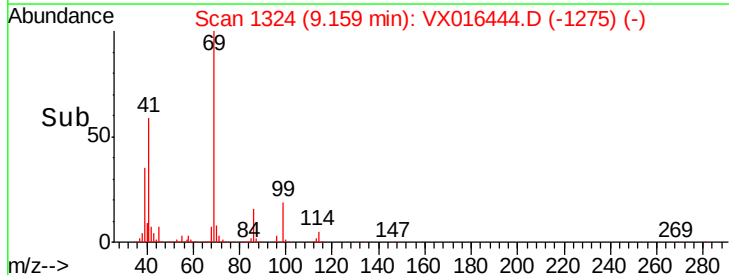
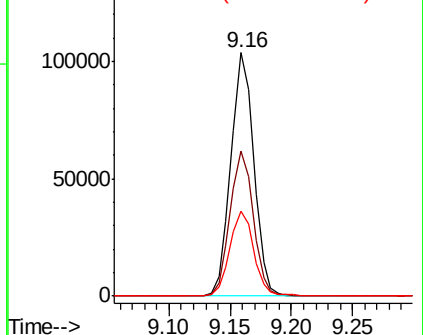


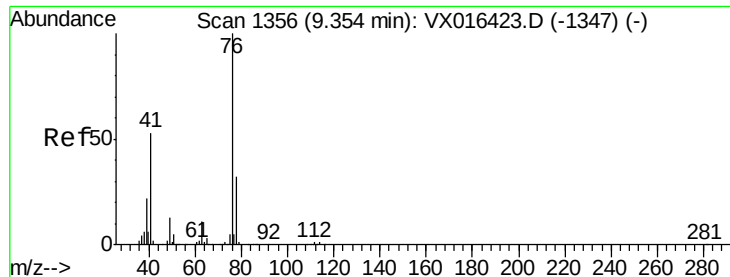
#56
 Ethyl methacrylate
 Concen: 53.422 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016444.D
 Acq: 26 May 2020 22:37

Tgt Ion:	69	Resp:	134564
Ion	Ratio	Lower	Upper
69	100		
41	60.2	47.9	71.9
39	36.0	28.7	43.1



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 52.904 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Instrument :

MSVOA_X

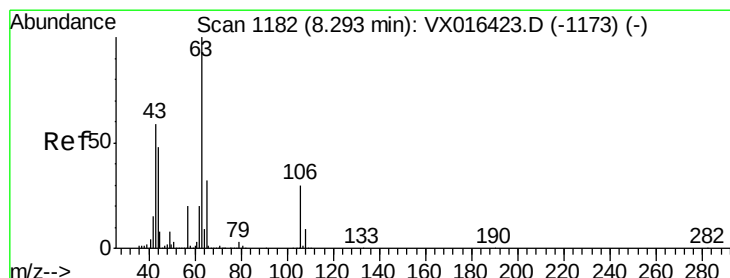
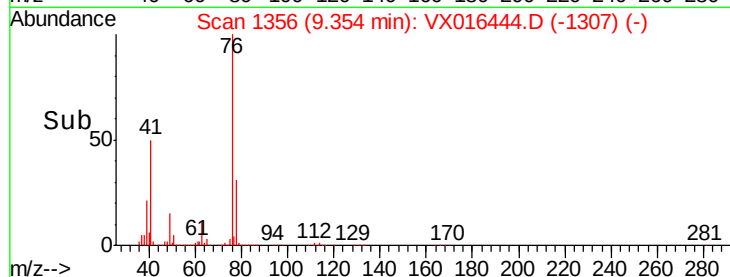
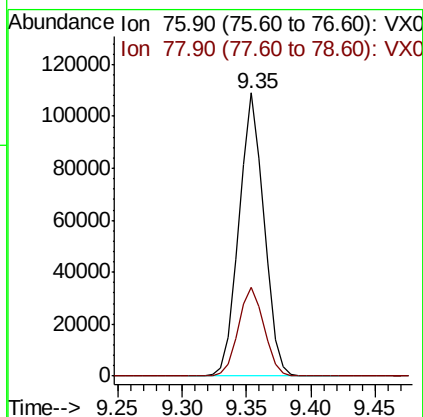
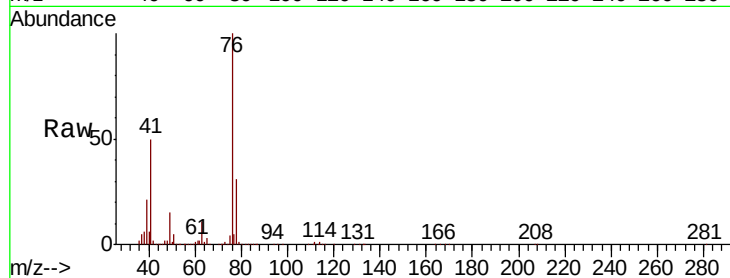
ClientSampleId :

Tot Ion: 76 Resp: 146821

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 250.032 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016444.D

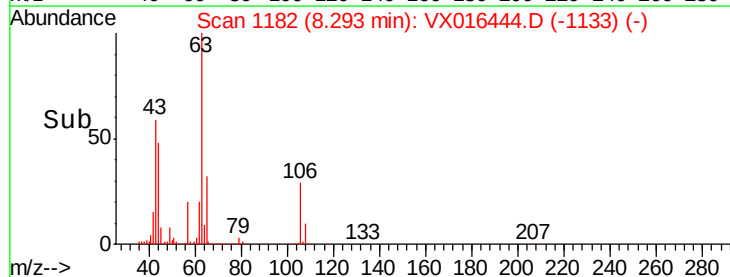
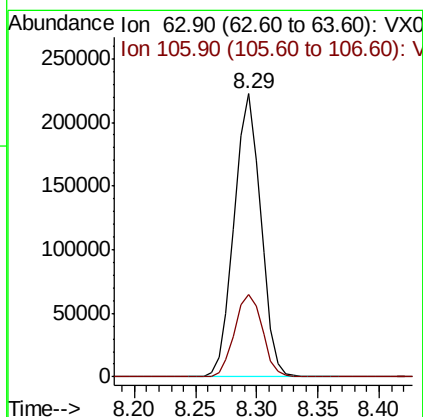
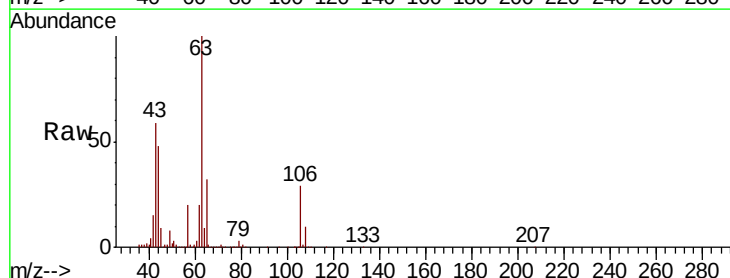
Acq: 26 May 2020 22:37

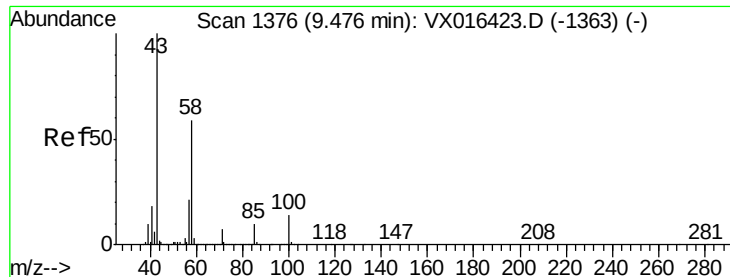
Tgt Ion: 63 Resp: 335931

Ion Ratio Lower Upper

63 100

106 30.4 24.6 36.8

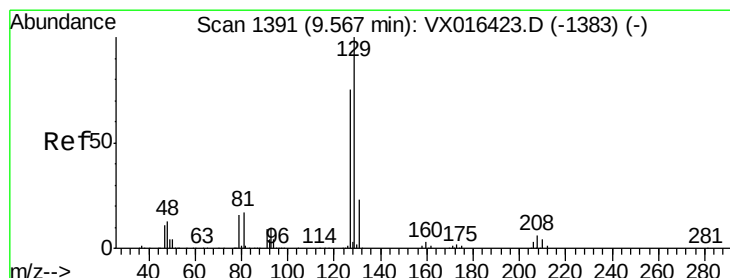
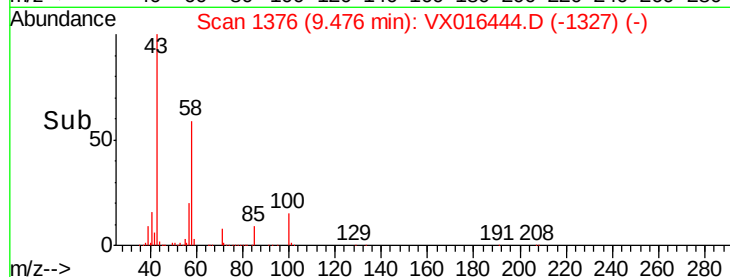
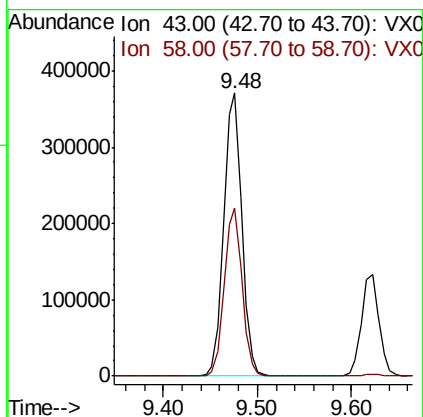
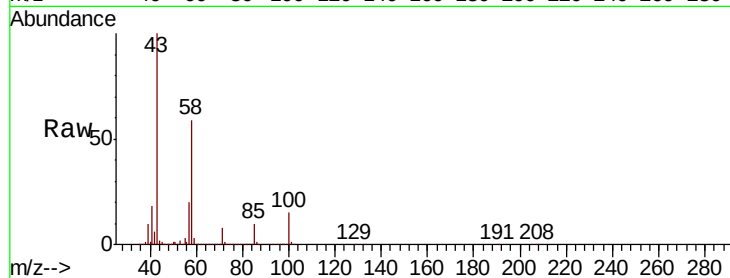




#59
2-Hexanone
Concen: 267.071 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

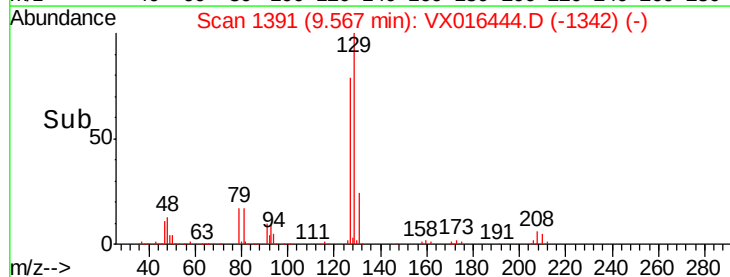
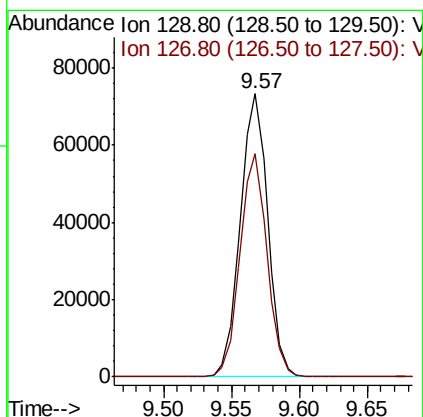
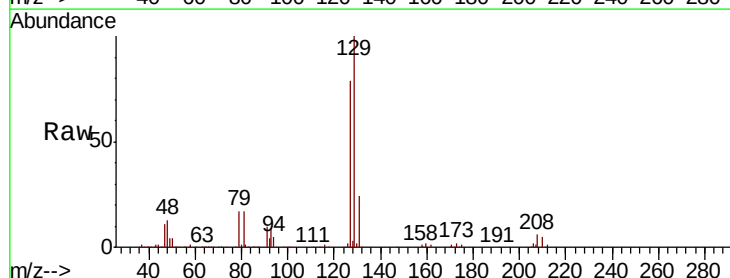
Instrument :
MSVOA_X
ClientSampleId :

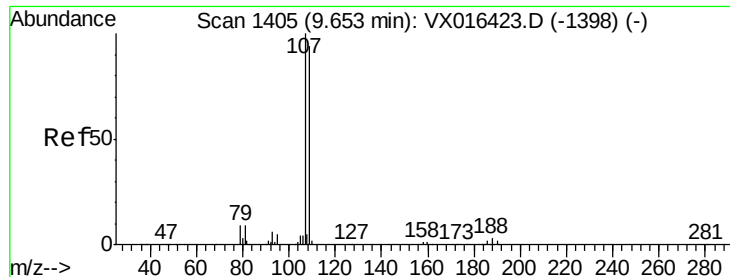
Tot Ion: 43 Resp: 493836
Ion Ratio Lower Upper
43 100
58 58.5 29.1 87.3



#60
Dibromochloromethane
Concen: 53.828 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Tgt Ion: 129 Resp: 103608
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.8





#61

1,2-Dibromoethane

Concen: 53.162 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Instrument :

MSVOA_X

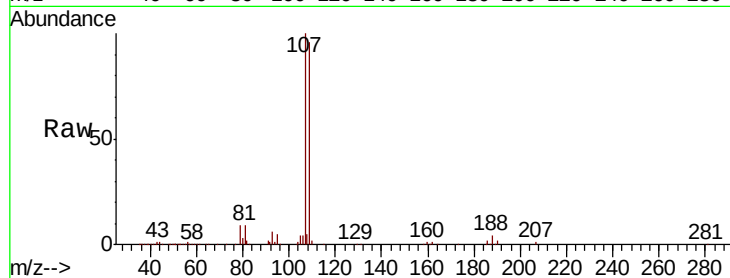
ClientSampleId :

Tot Ion:107 Resp: 97654

Ion Ratio Lower Upper

107 100

109 95.3 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

80000

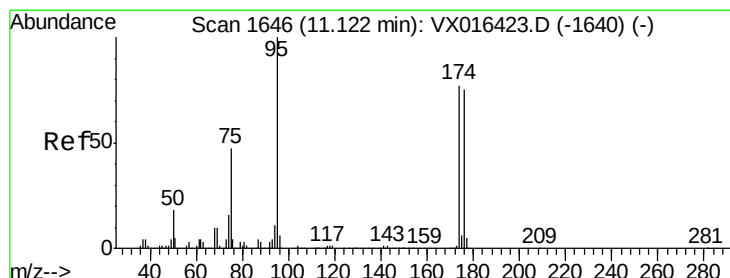
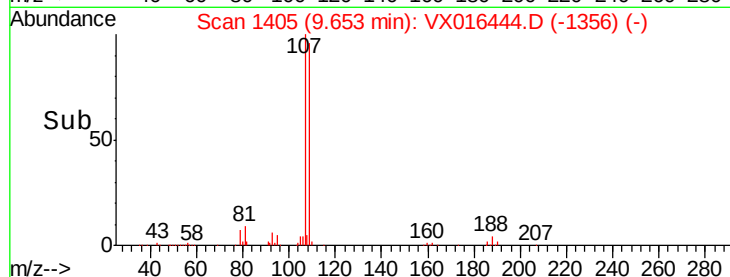
60000

40000

20000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 53.887 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

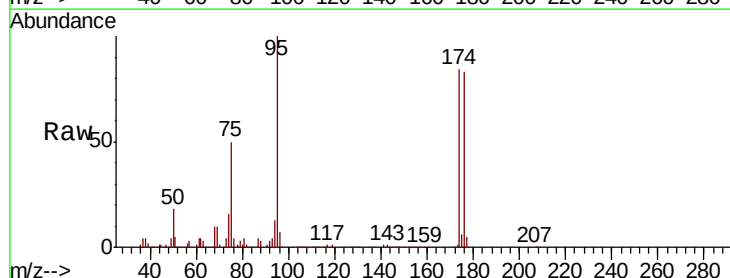
Tgt Ion: 95 Resp: 113915

Ion Ratio Lower Upper

95 100

174 82.5 0.0 162.6

176 78.7 0.0 158.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

120000

100000

80000

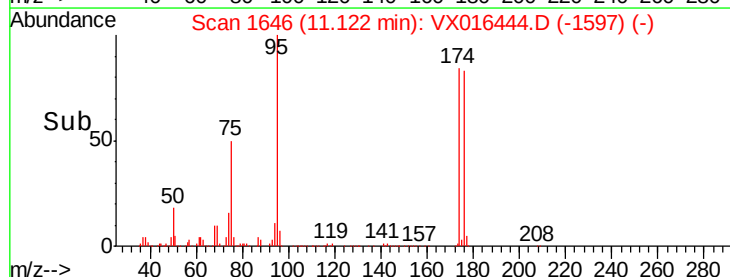
60000

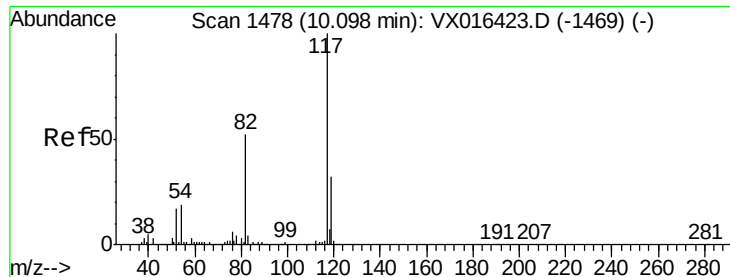
40000

20000

0

Time--> 11.10 11.12 11.20

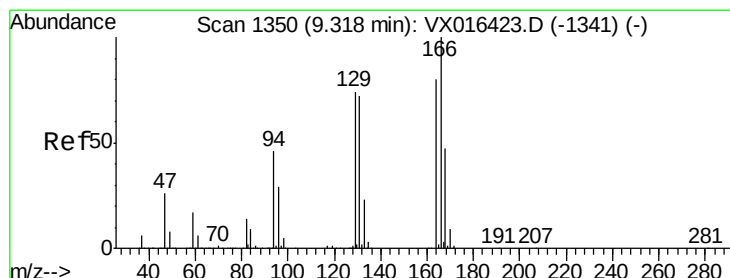
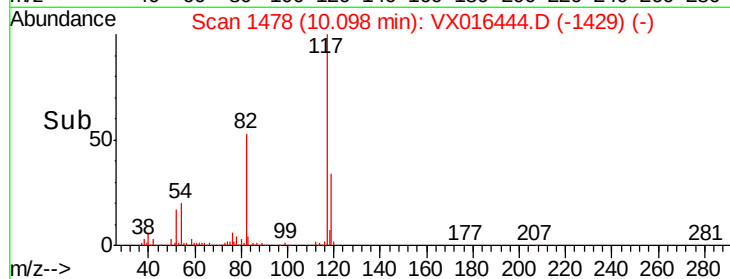
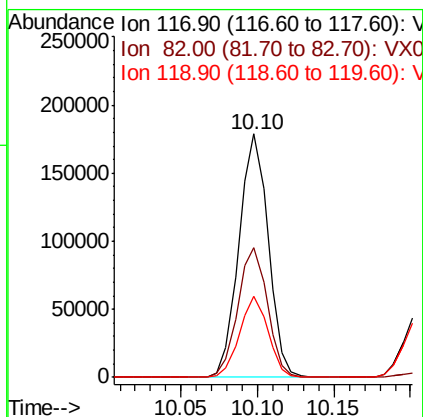
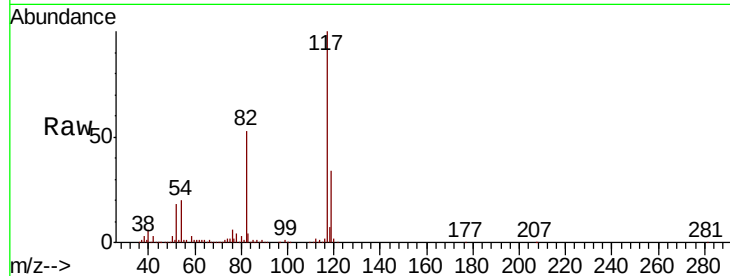




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

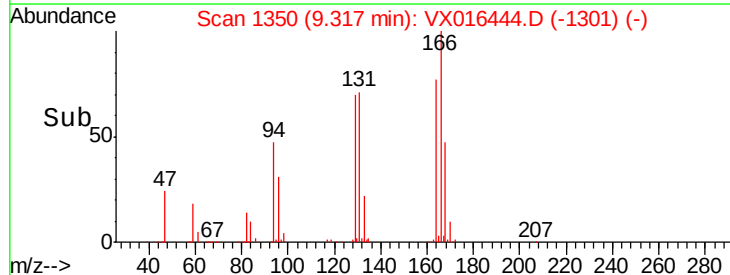
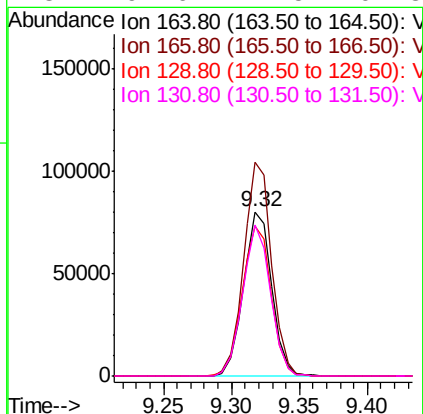
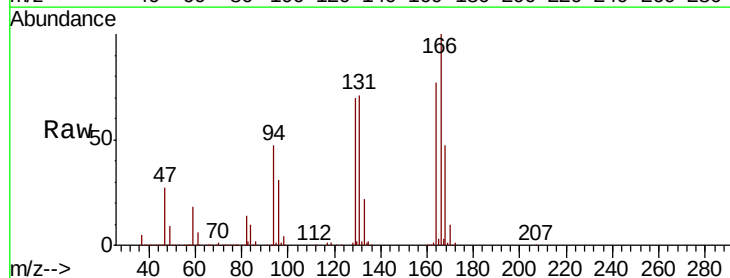
Instrument :
MSVOA_X
ClientSampleId :

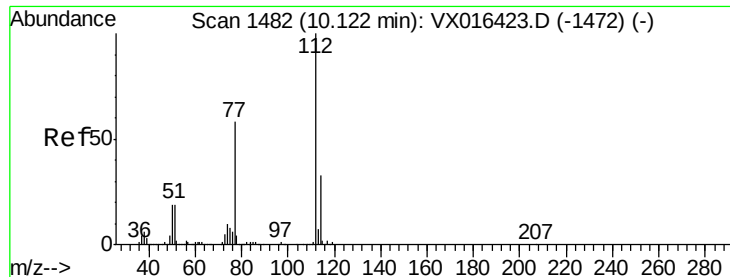
Tot Ion:117 Resp: 237841
Ion Ratio Lower Upper
117 100
82 53.4 41.8 62.6
119 33.5 25.7 38.5



#64
Tetrachloroethene
Concen: 46.857 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Tgt Ion:164 Resp: 116102
Ion Ratio Lower Upper
164 100
166 129.9 99.5 149.3
129 91.4 73.4 110.0
131 91.6 71.5 107.3





#65

Chlorobenzene

Concen: 50.963 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Instrument :

MSVOA_X

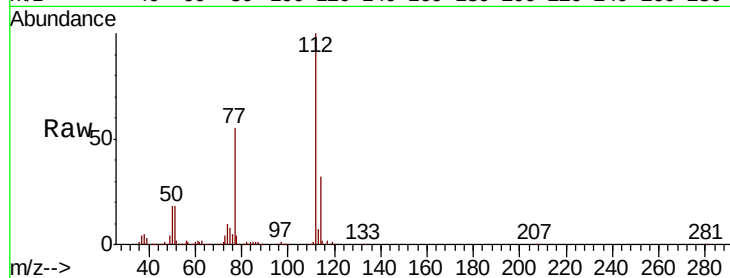
ClientSampleId :

Tot Ion:112 Resp: 239109

Ion Ratio Lower Upper

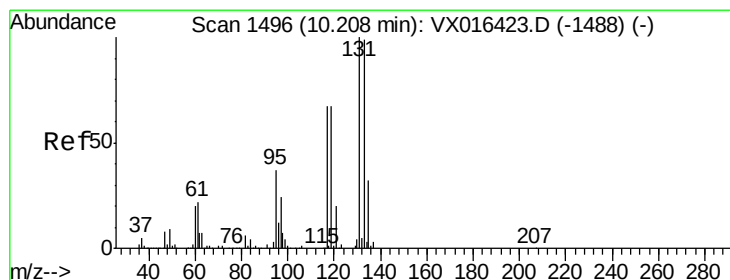
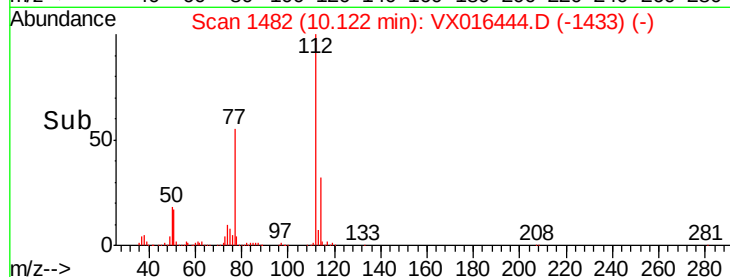
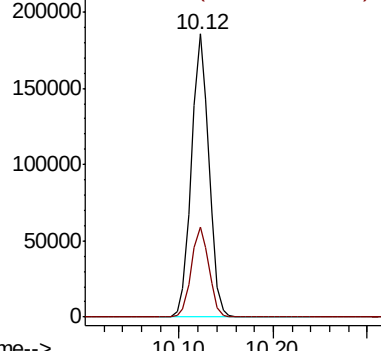
112 100

114 31.7 26.6 40.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.123 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

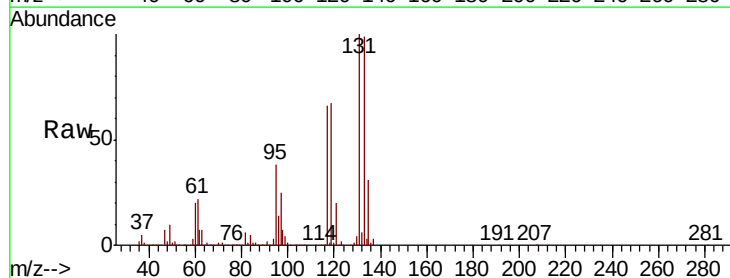
Tgt Ion:131 Resp: 91315

Ion Ratio Lower Upper

131 100

133 96.8 48.0 144.2

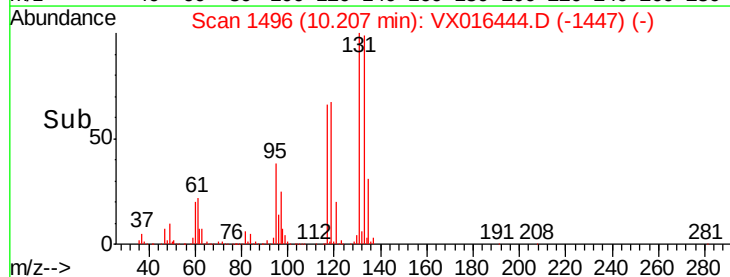
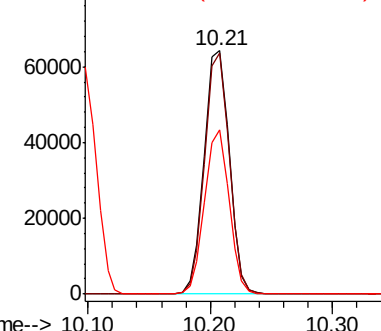
119 65.7 33.0 98.9

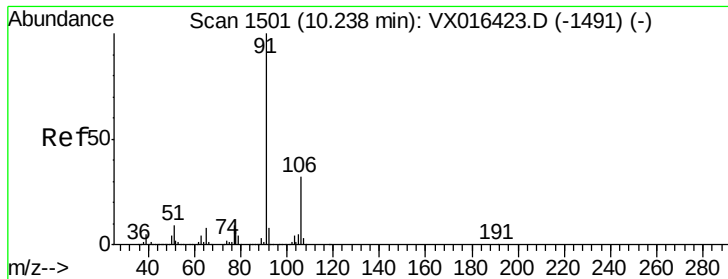


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 50.574 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Instrument :

MSVOA_X

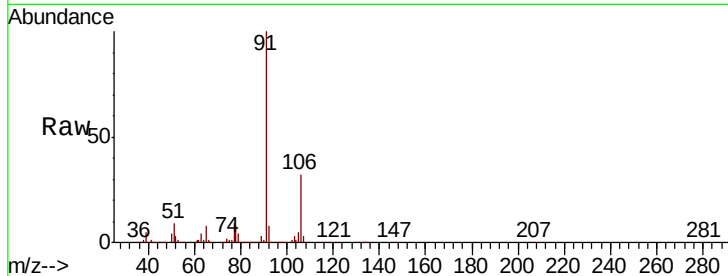
ClientSampleId :

Tot Ion: 91 Resp: 413177

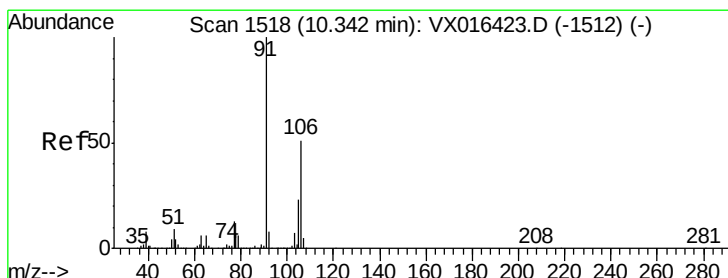
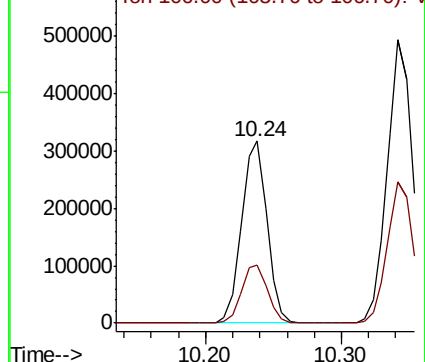
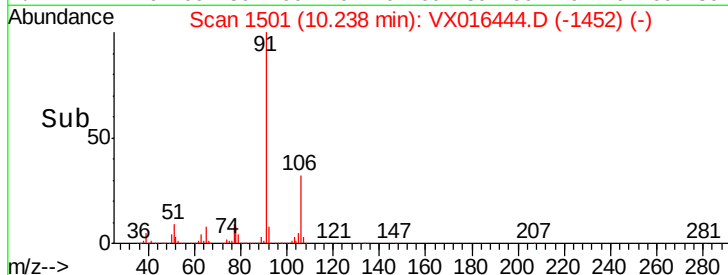
Ion Ratio Lower Upper

91 100

106 31.6 25.8 38.8



Abundance Ion 91.00 (90.70 to 91.70): VX016444.D (-1452) (-)



#68

m/p-Xylenes

Concen: 102.784 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016444.D

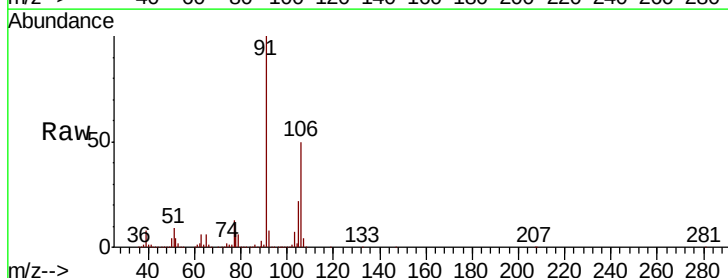
Acq: 26 May 2020 22:37

Tgt Ion: 106 Resp: 328370

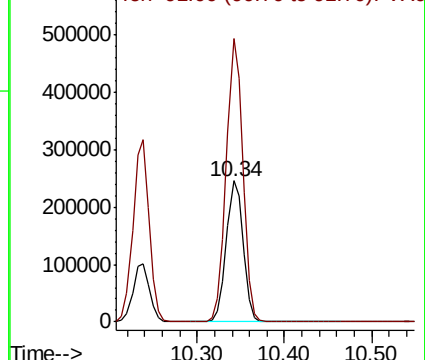
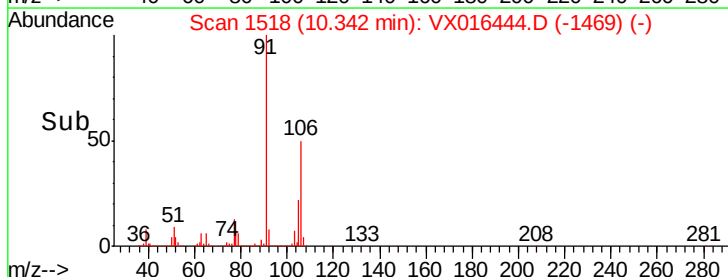
Ion Ratio Lower Upper

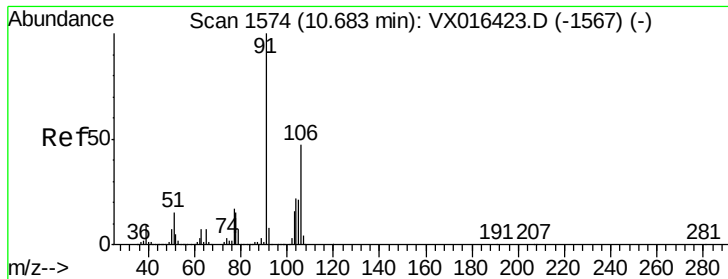
106 100

91 196.7 158.2 237.4



Abundance Ion 106.00 (105.70 to 106.70): VX016444.D (-1469) (-)

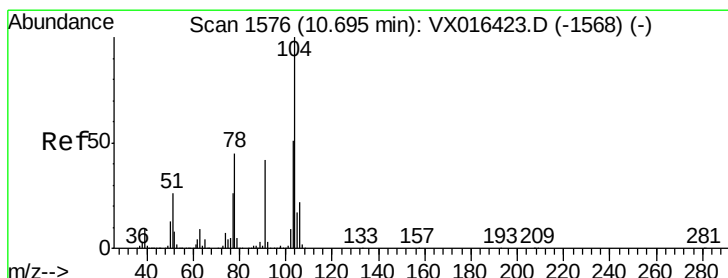
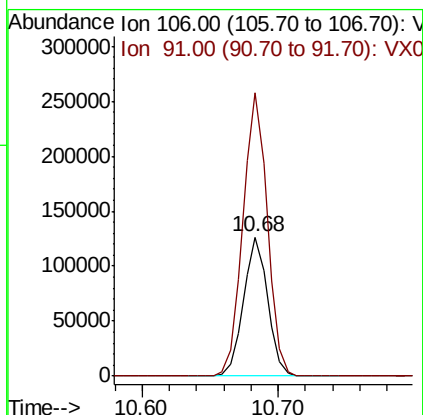
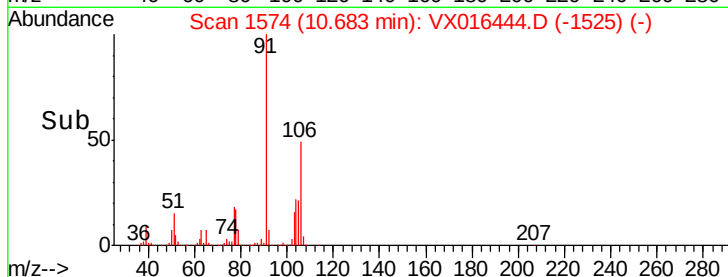
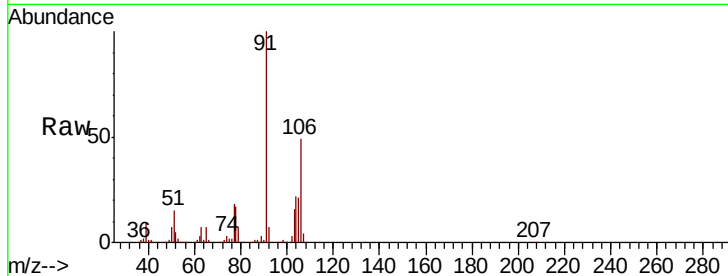




#69
o-Xylene
Concen: 51.615 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

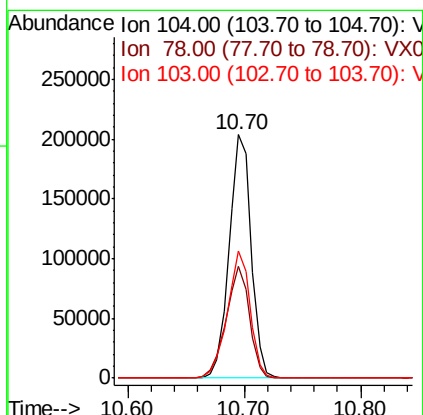
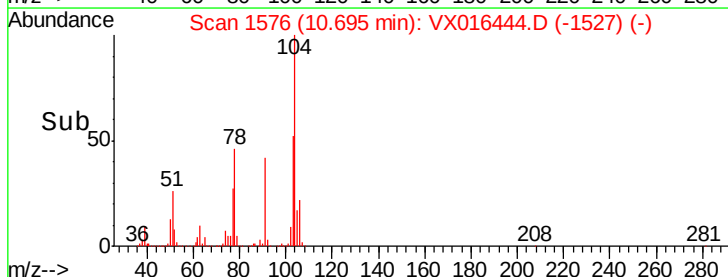
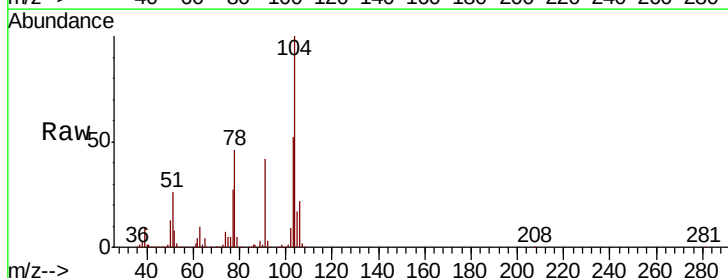
Instrument :
MSVOA_X
ClientSampled :

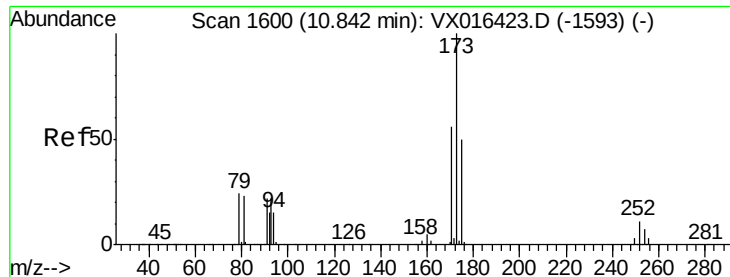
Tot Ion:106 Resp: 156702
Ion Ratio Lower Upper
106 100
91 205.7 104.0 312.0



#70
Styrene
Concen: 52.270 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Tgt Ion:104 Resp: 267900
Ion Ratio Lower Upper
104 100
78 49.1 39.2 58.8
103 54.1 43.8 65.6





#71

Bromoform

Concen: 51.884 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

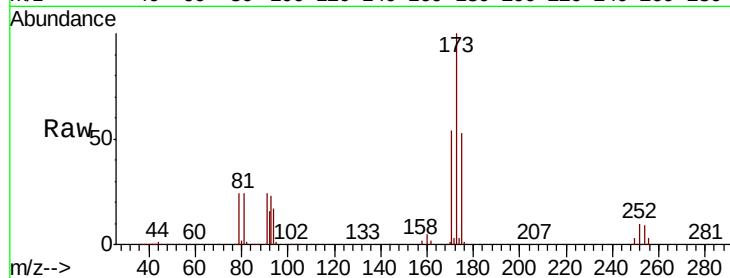
Tot Ion:173 Resp: 78033

Ion Ratio Lower Upper

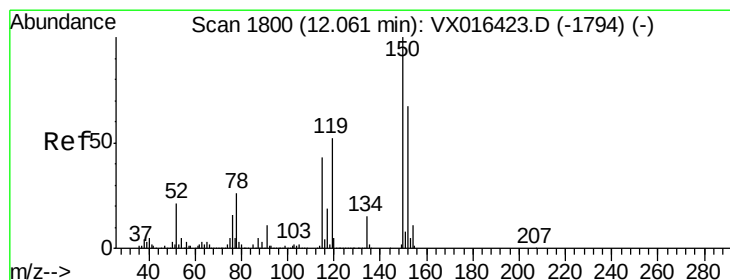
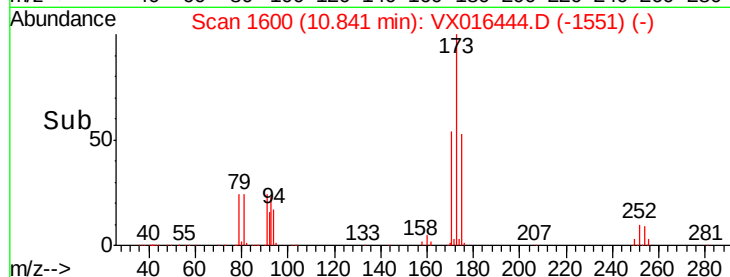
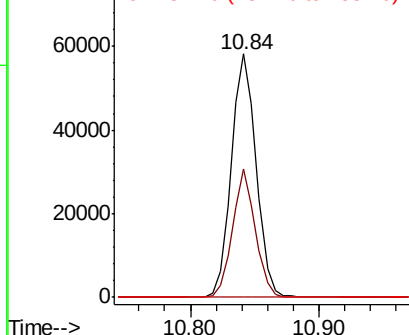
173 100

175 48.8 24.5 73.5

254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

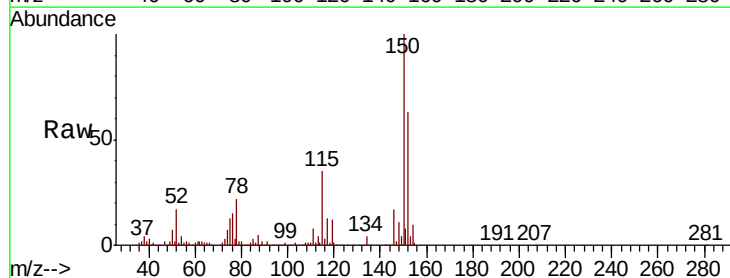
Tgt Ion:152 Resp: 123099

Ion Ratio Lower Upper

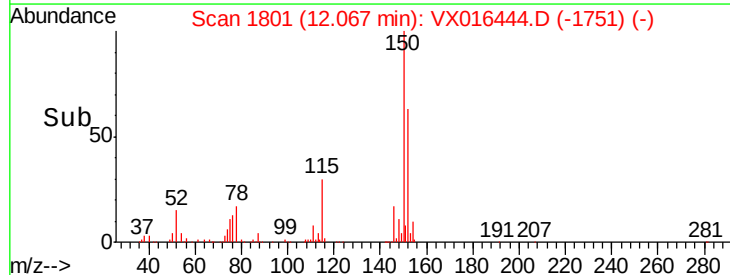
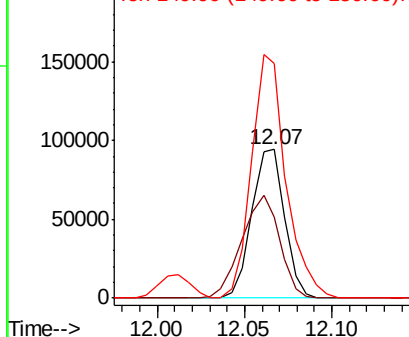
152 100

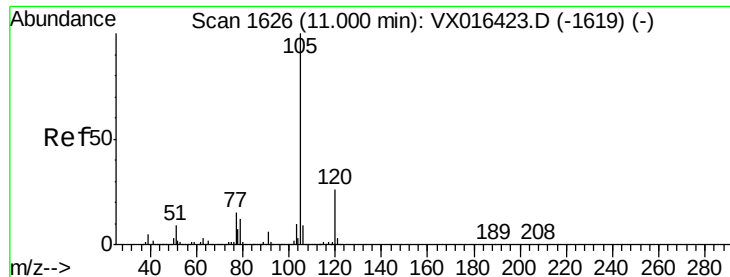
115 80.1 40.4 121.2

150 172.0 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.012 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Instrument :

MSVOA_X

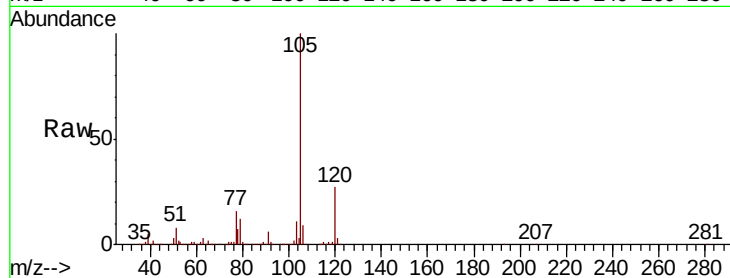
ClientSampleId :

Tot Ion:105 Resp: 407334

Ion Ratio Lower Upper

105 100

120 27.1 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

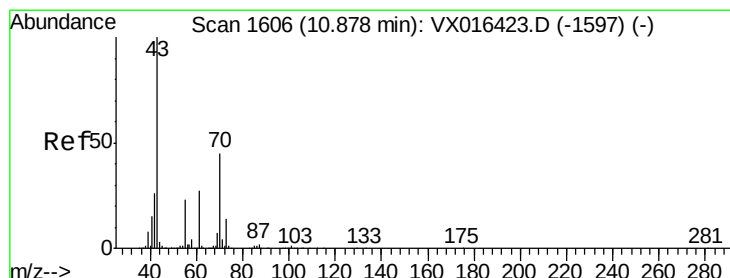
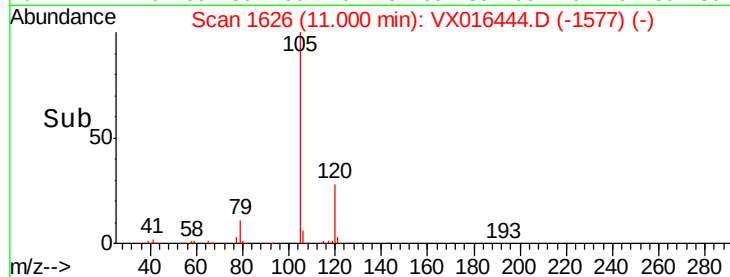
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 47.580 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Tgt Ion: 43 Resp: 168206

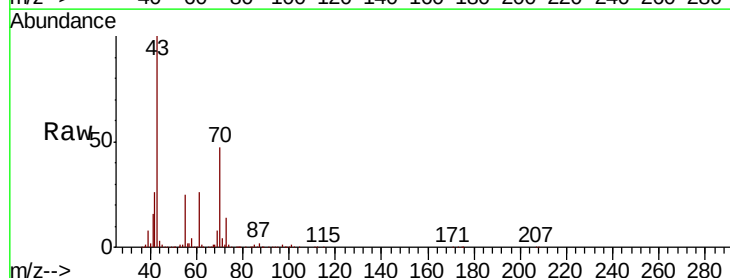
Ion Ratio Lower Upper

43 100

70 47.8 38.0 57.0

55 25.3 20.0 30.0

61 26.5 21.4 32.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

200000

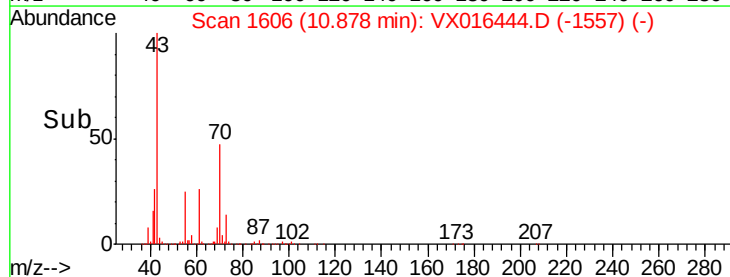
150000

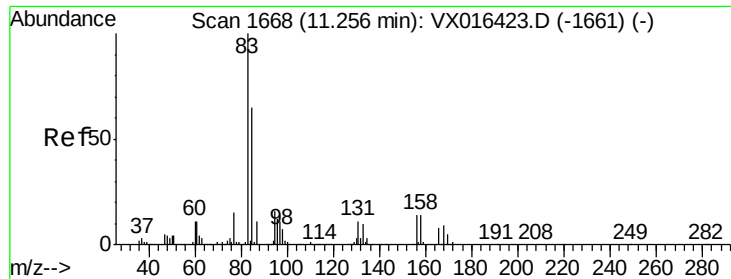
100000

50000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 53.606 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

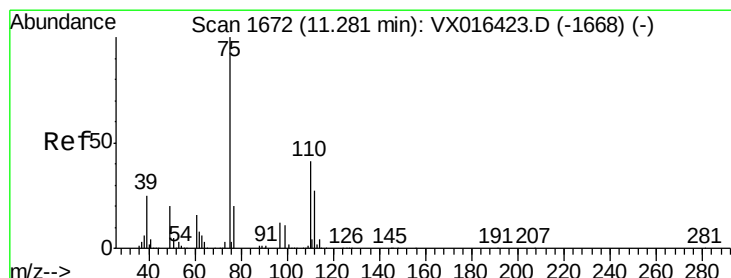
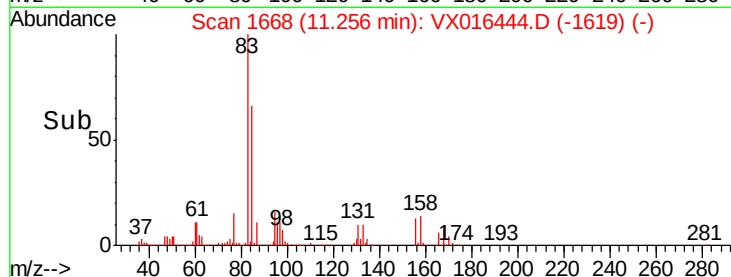
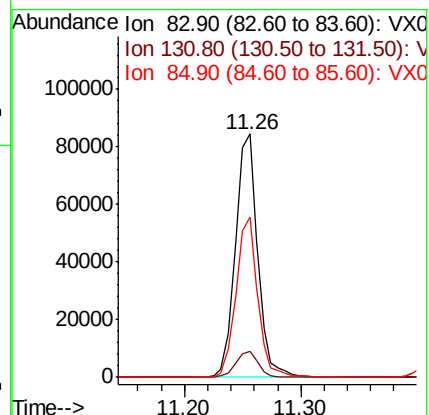
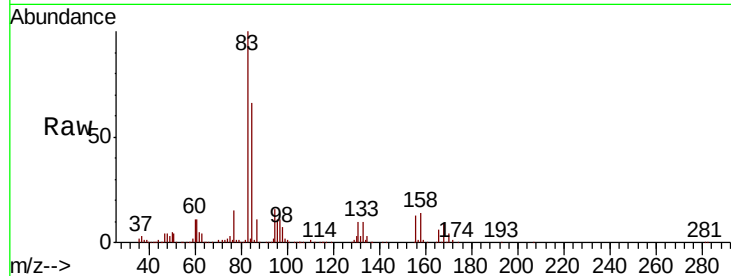
Tot Ion: 83 Resp: 112539

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

85 64.2 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 63.095 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016444.D

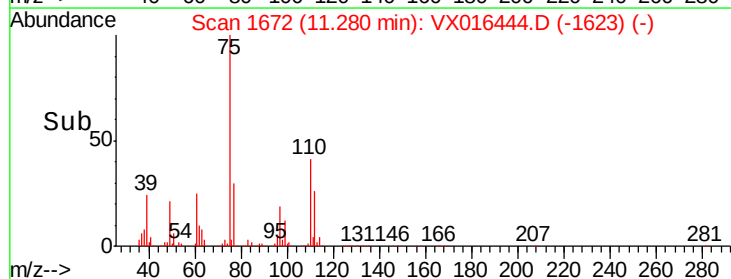
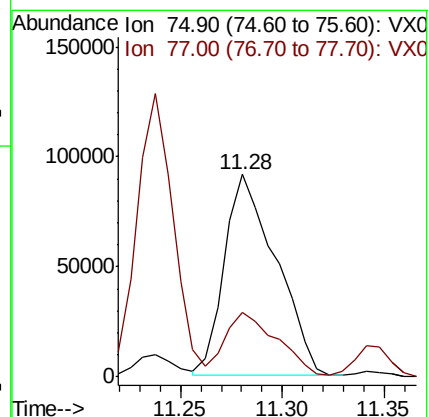
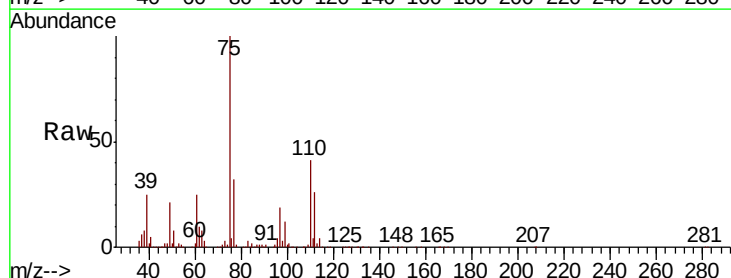
Acq: 26 May 2020 22:37

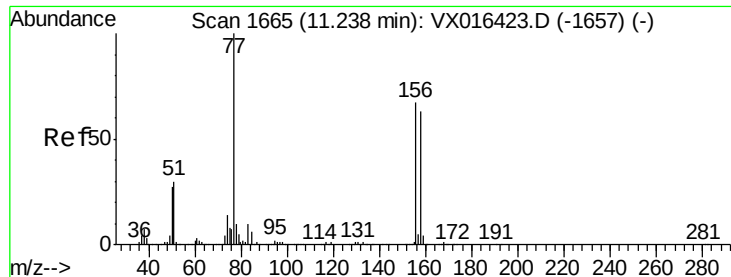
Tgt Ion: 75 Resp: 161204

Ion Ratio Lower Upper

75 100

77 32.4 21.4 64.3





#77

Bromobenzene

Concen: 49.866 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

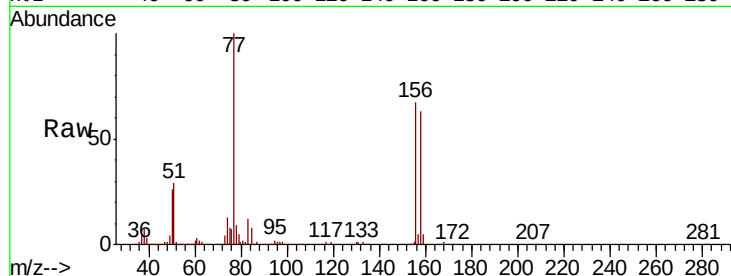
Tot Ion:156 Resp: 107311

Ion Ratio Lower Upper

156 100

77 149.4 74.6 223.8

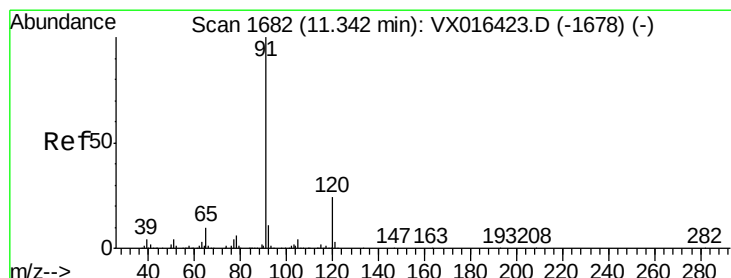
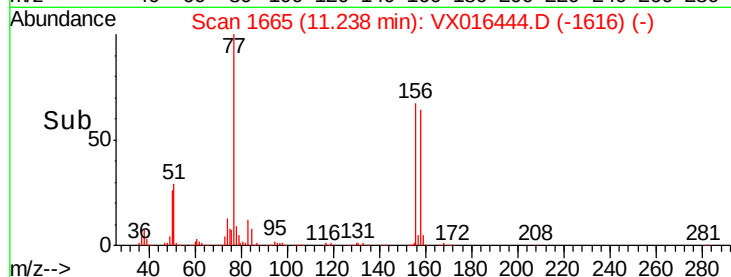
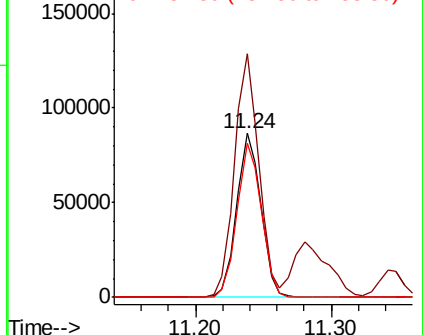
158 94.7 48.7 146.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.567 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016444.D

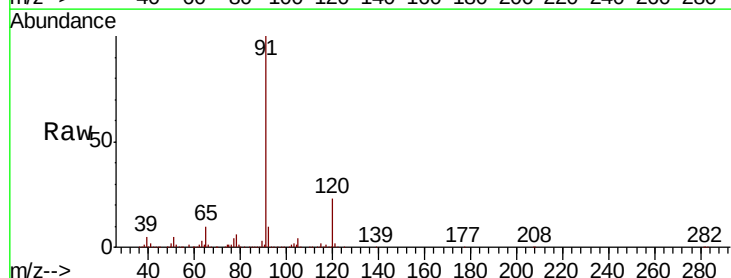
Acq: 26 May 2020 22:37

Tgt Ion: 91 Resp: 456360

Ion Ratio Lower Upper

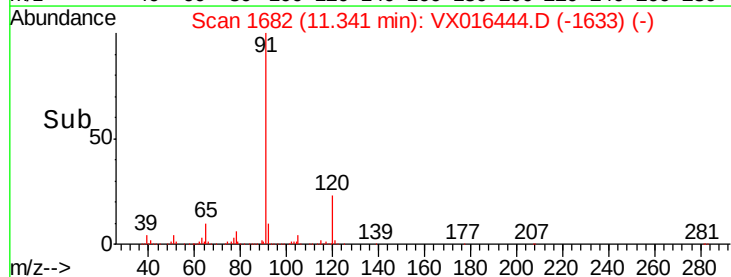
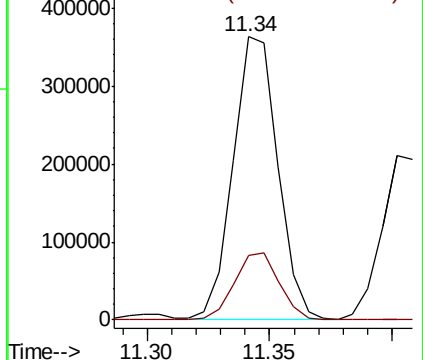
91 100

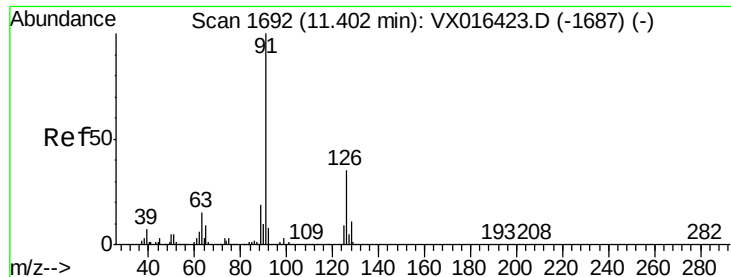
120 24.0 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.338 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Instrument :

MSVOA_X

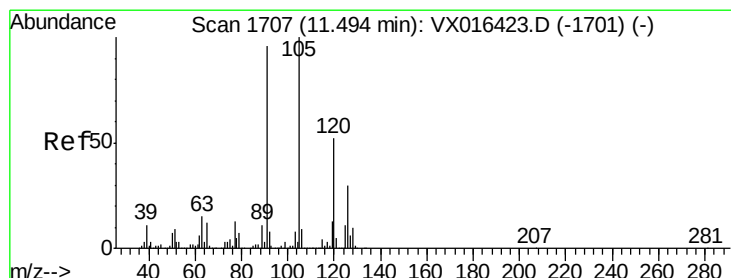
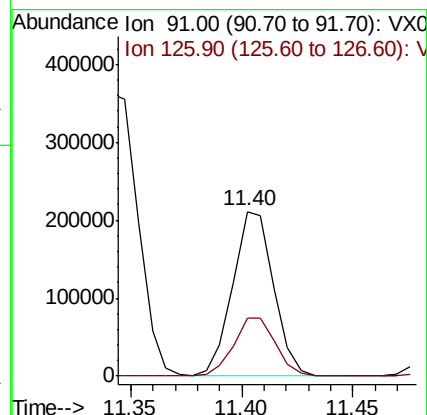
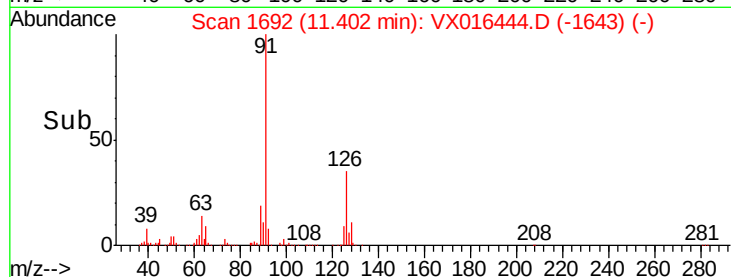
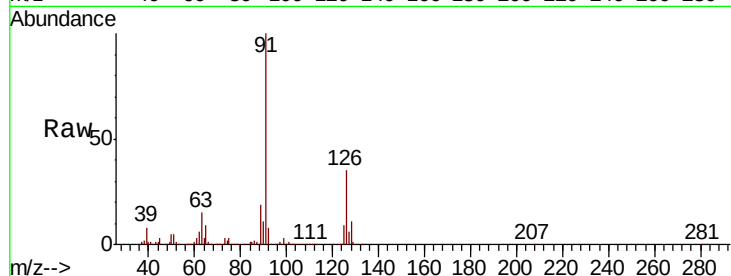
ClientSampled :

Tot Ion: 91 Resp: 270208

Ion Ratio Lower Upper

91 100

126 36.3 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 48.586 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016444.D

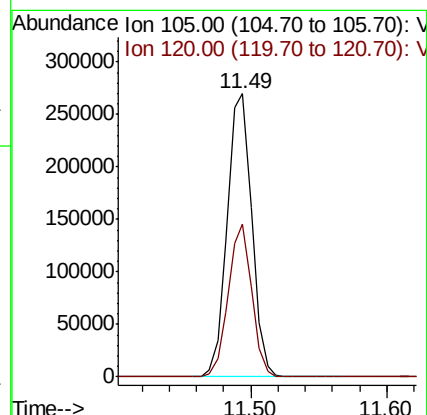
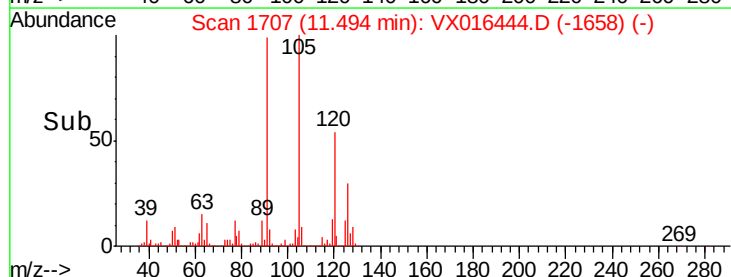
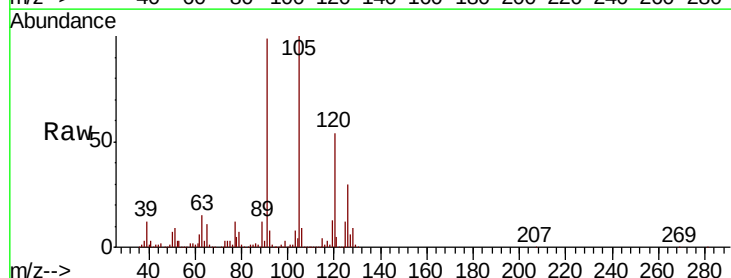
Acq: 26 May 2020 22:37

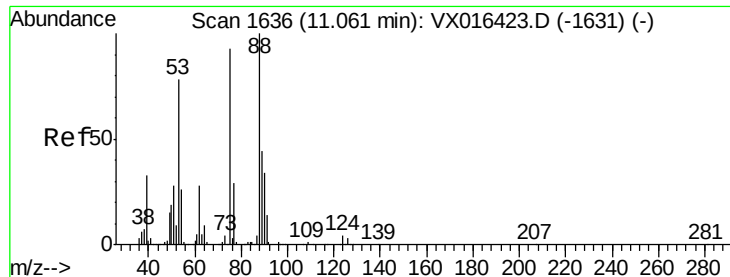
Tgt Ion:105 Resp: 337586

Ion Ratio Lower Upper

105 100

120 51.4 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 45.602 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Instrument :

MSVOA_X

ClientSampleId :

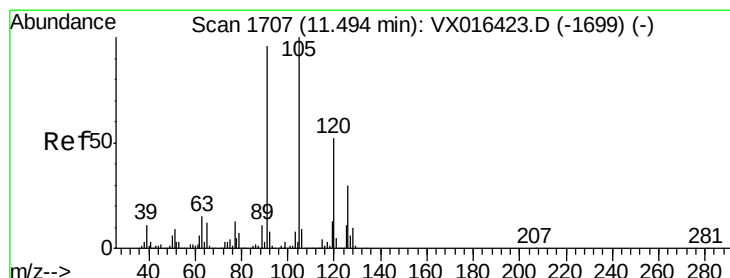
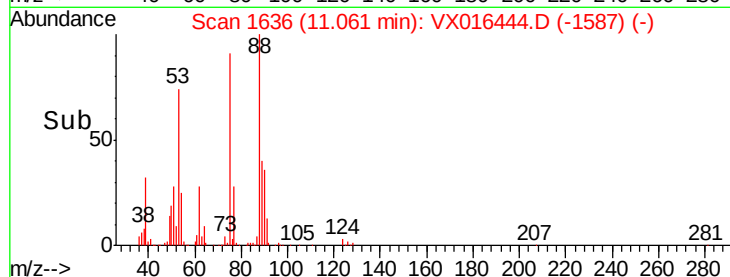
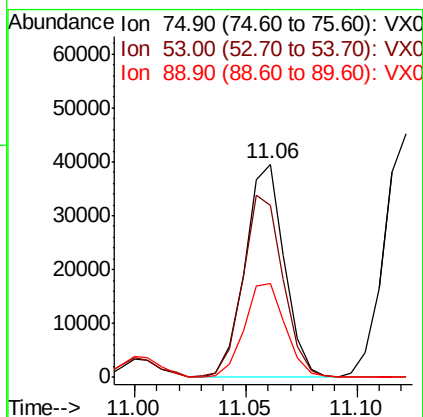
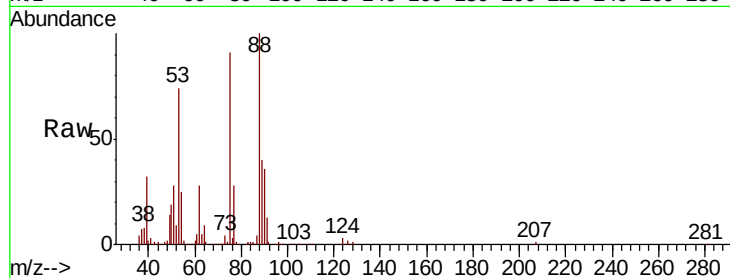
Tot Ion: 75 Resp: 48450

Ion Ratio Lower Upper

75 100

53 87.8 69.4 104.2

89 46.2 37.0 55.6



#82

4-Chlorotoluene

Concen: 48.355 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016444.D

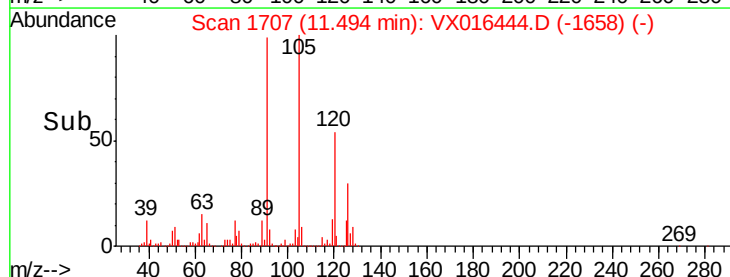
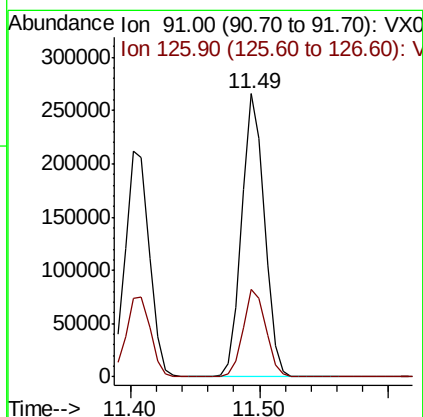
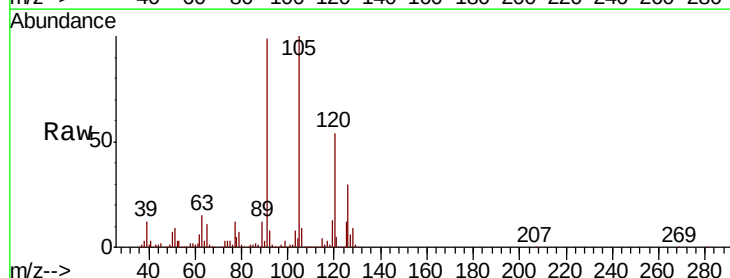
Acq: 26 May 2020 22:37

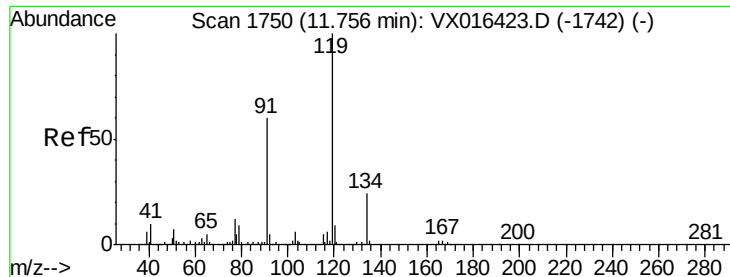
Tgt Ion: 91 Resp: 325090

Ion Ratio Lower Upper

91 100

126 30.7 15.7 47.0

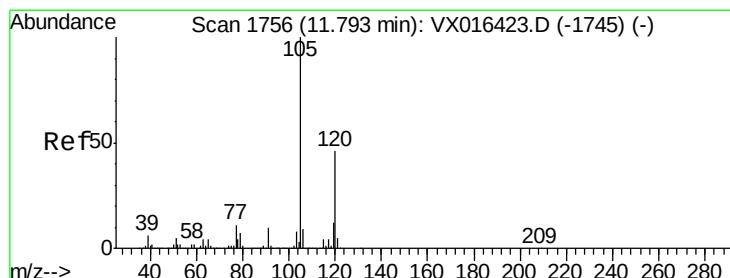
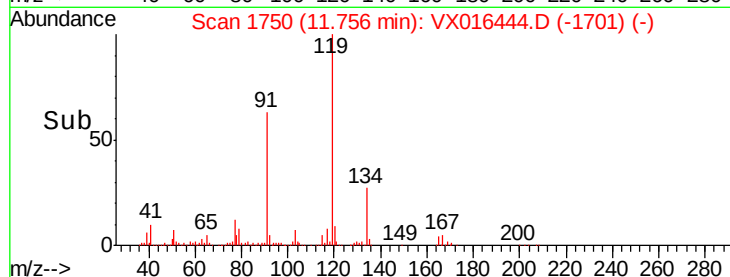
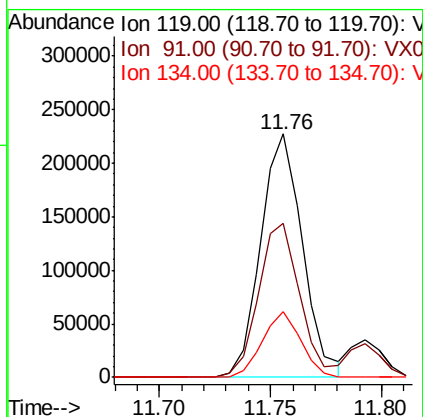
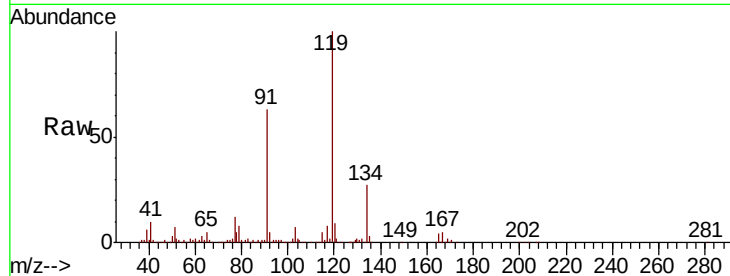




#83
 tert-Butylbenzene
 Concen: 49.987 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016444.D
 Acq: 26 May 2020 22:37

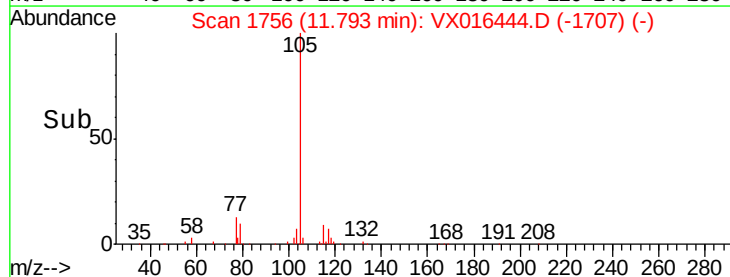
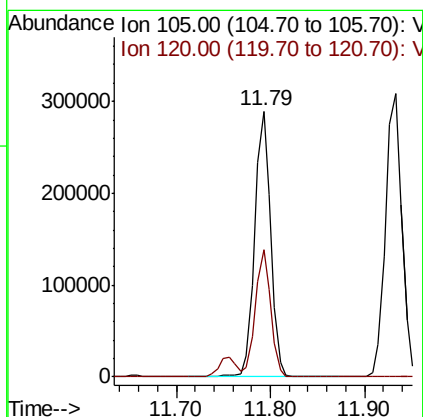
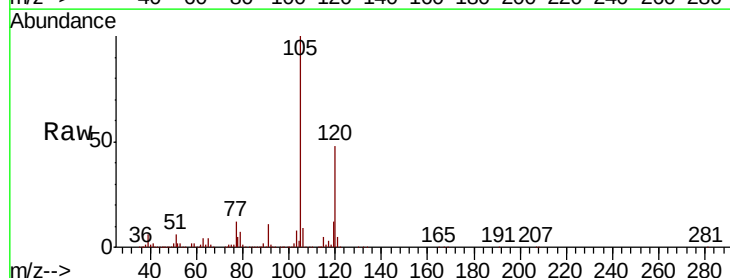
Instrument :
 MSVOA_X
 ClientSampleId :

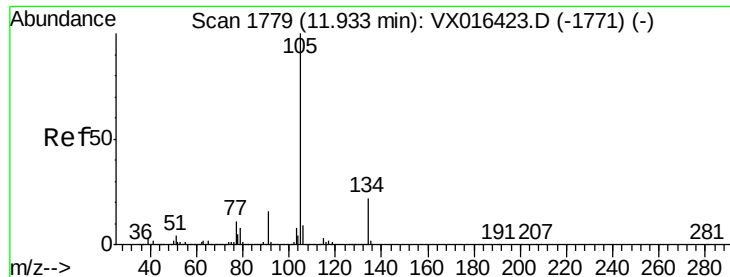
Tot Ion:119 Resp: 297001
 Ion Ratio Lower Upper
 119 100
 91 61.5 30.8 92.3
 134 24.9 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 49.445 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016444.D
 Acq: 26 May 2020 22:37

Tgt Ion:105 Resp: 346235
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 49.461 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

Instrument :

MSVOA_X

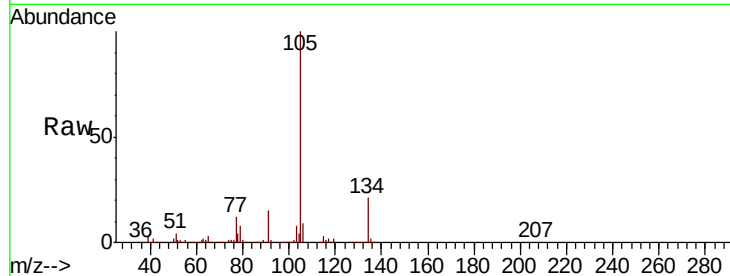
ClientSampleId :

Tot Ion:105 Resp: 372301

Ion Ratio Lower Upper

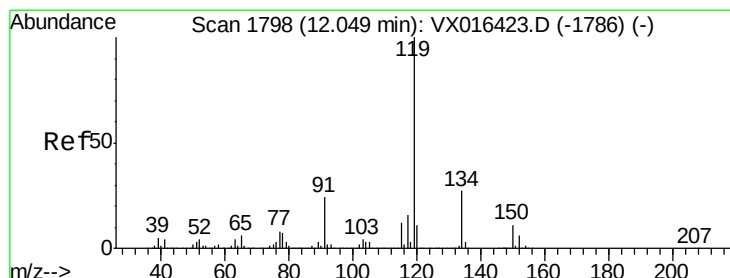
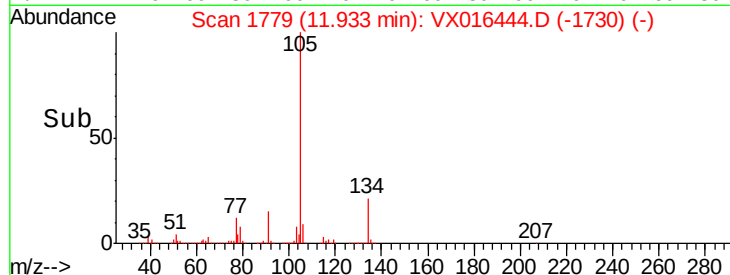
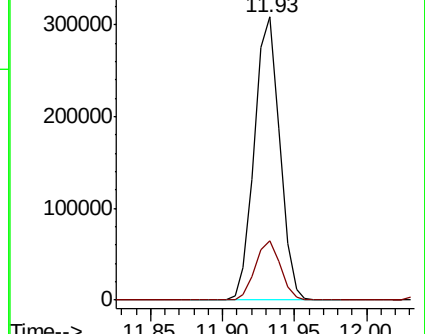
105 100

134 21.1 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.404 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016444.D

Acq: 26 May 2020 22:37

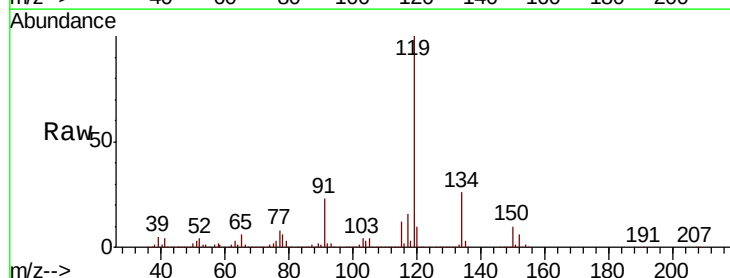
Tgt Ion:119 Resp: 347424

Ion Ratio Lower Upper

119 100

134 27.3 13.8 41.3

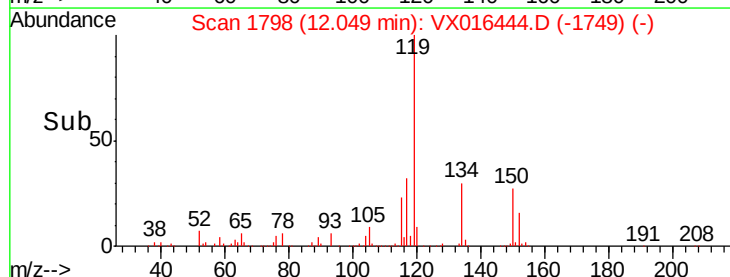
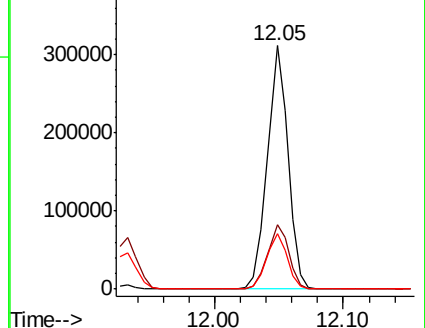
91 22.9 11.9 35.5

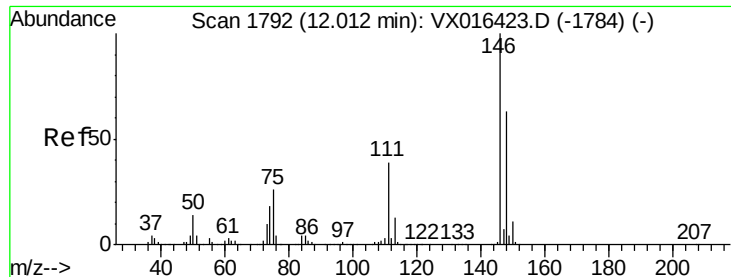


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

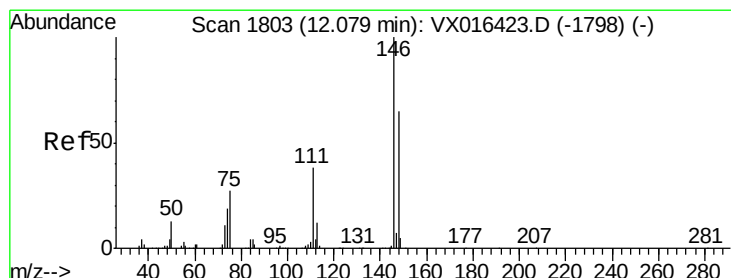
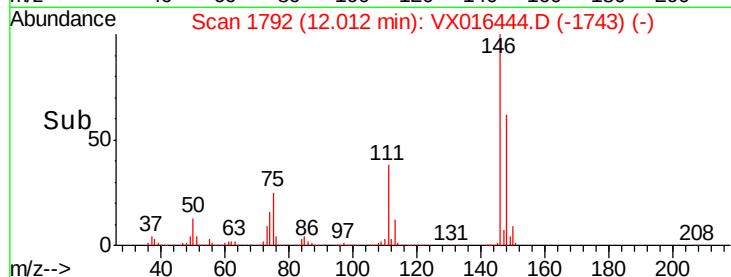
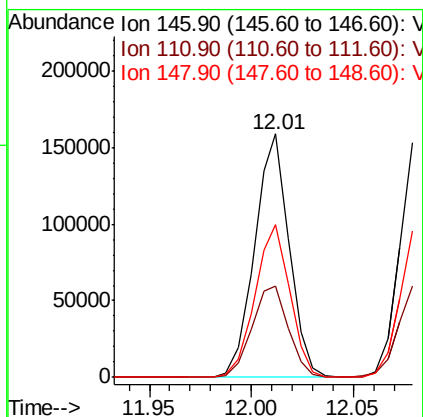
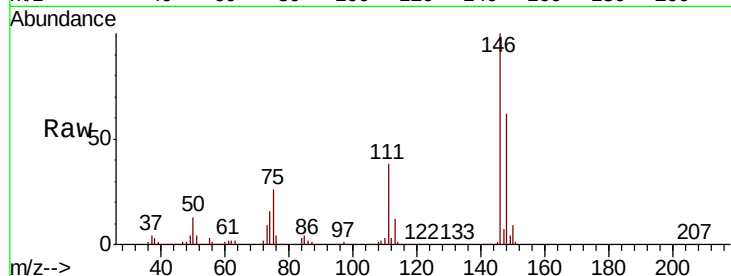




#87
 1,3-Dichlorobenzene
 Concen: 48.937 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016444.D
 Acq: 26 May 2020 22:37

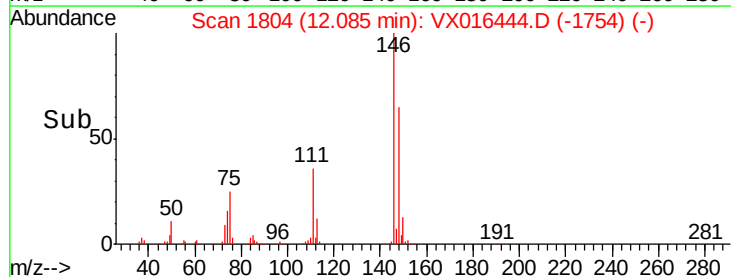
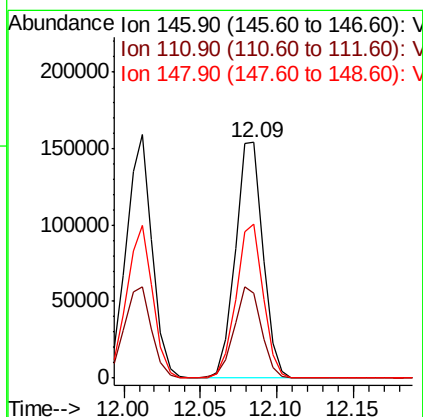
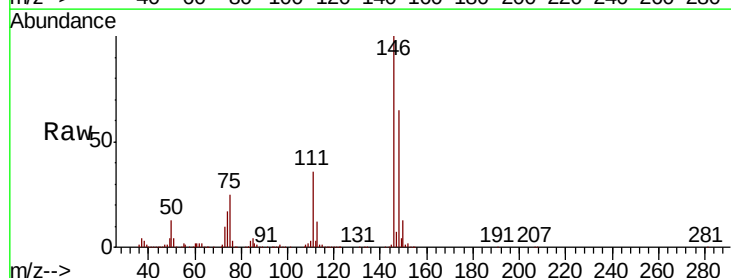
Instrument :
 MSVOA_X
 ClientSampleId :

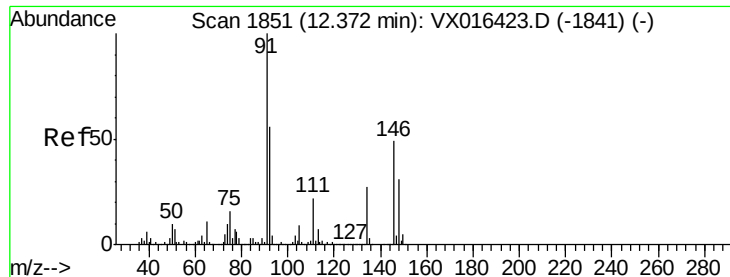
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.1	60.2
148	63.4	31.4	94.2



#88
 1,4-Dichlorobenzene
 Concen: 49.742 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX016444.D
 Acq: 26 May 2020 22:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.2	57.6
148	64.2	33.1	99.2

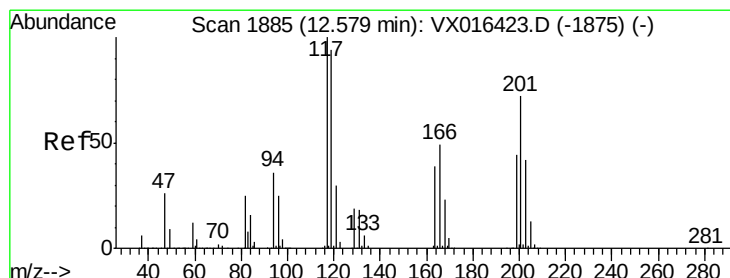
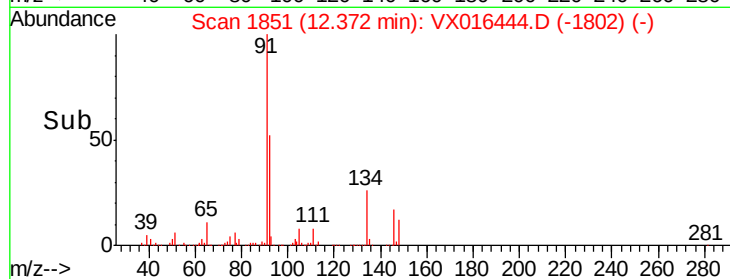
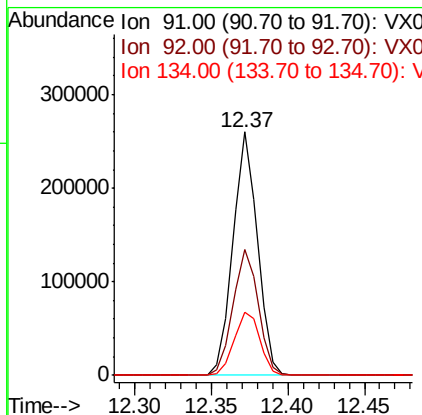
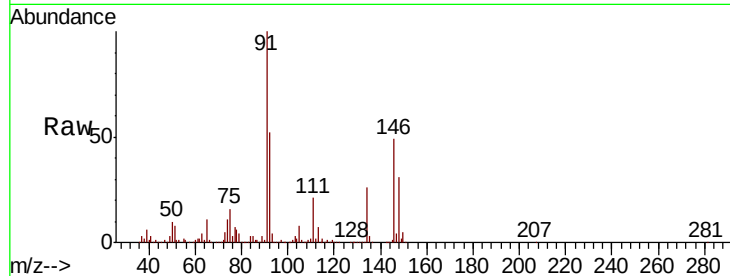




#89
n-Butylbenzene
Concen: 47.191 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

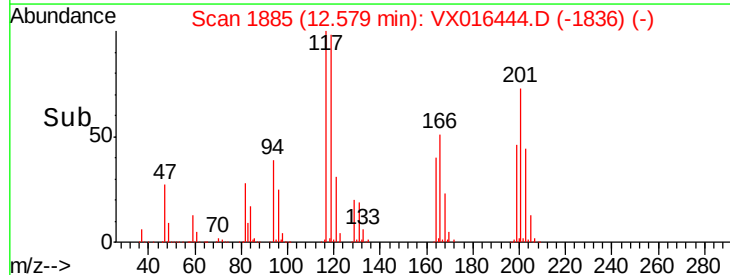
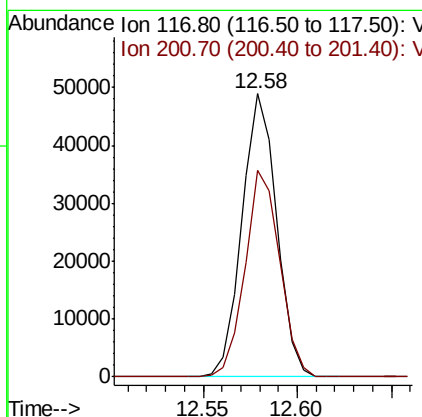
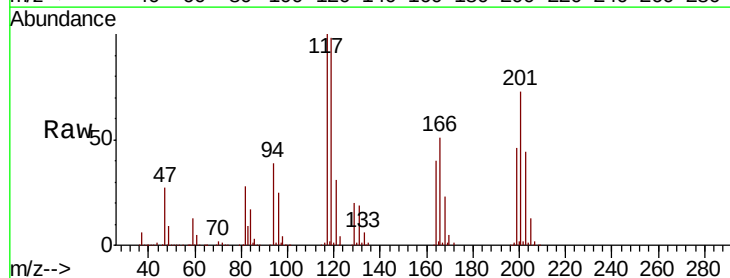
Instrument :
MSVOA_X
ClientSampleId :

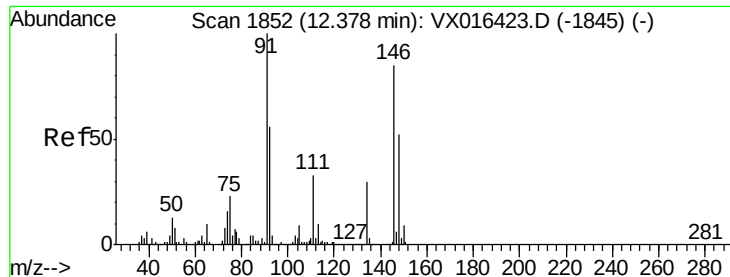
Tot Ion: 91 Resp: 287912
Ion Ratio Lower Upper
91 100
92 53.7 27.6 82.8
134 27.3 13.7 41.1



#90
Hexachloroethane
Concen: 49.049 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Tgt Ion: 117 Resp: 62509
Ion Ratio Lower Upper
117 100
201 72.8 37.6 112.9

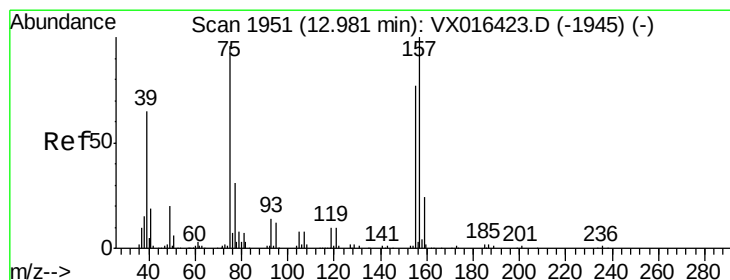
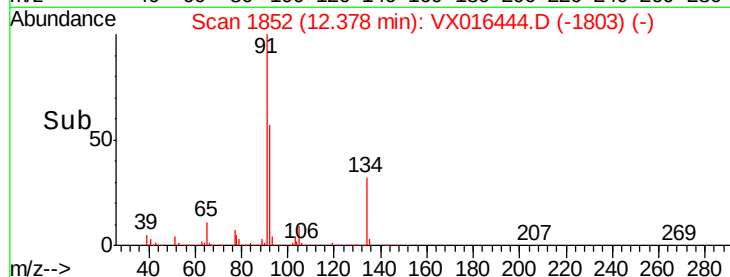
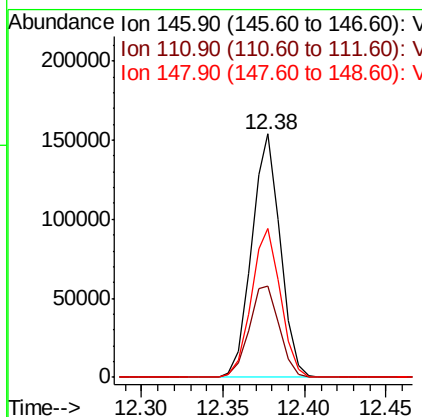
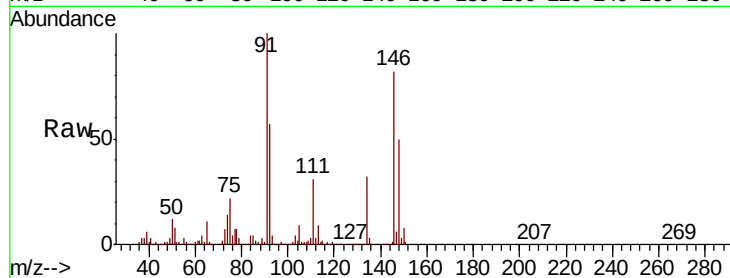




#91
 1,2-Dichlorobenzene
 Concen: 49.802 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016444.D
 Acq: 26 May 2020 22:37

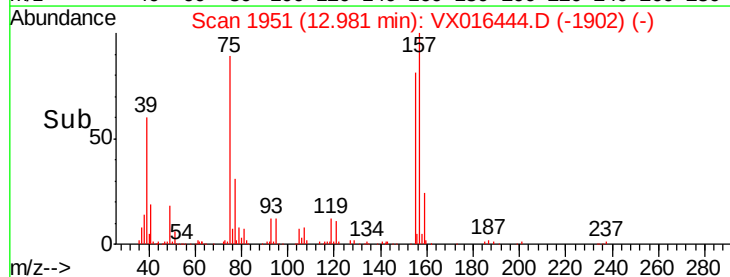
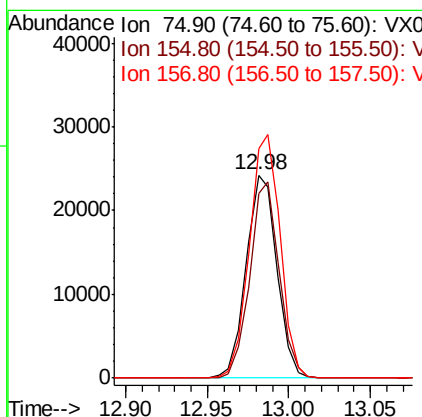
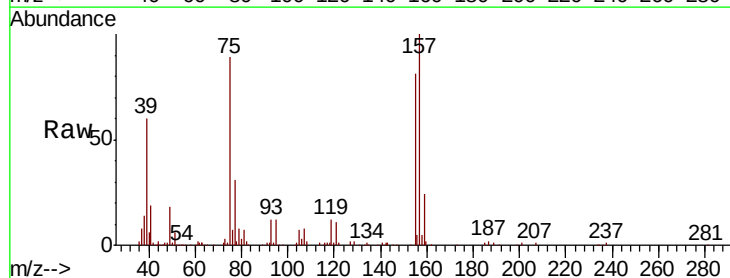
Instrument :
 MSVOA_X
 ClientSampleId :

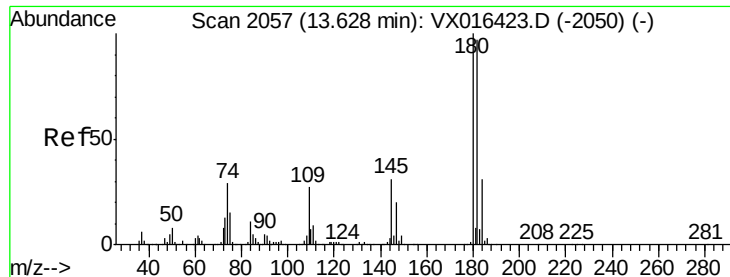
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.4	61.3
148	62.4	31.6	94.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.148 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016444.D
 Acq: 26 May 2020 22:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.3	44.8	134.4
157	120.1	57.8	173.4

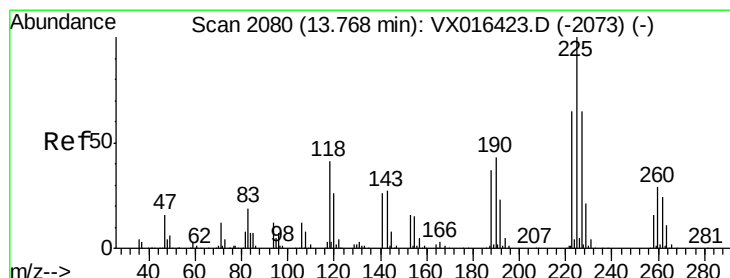
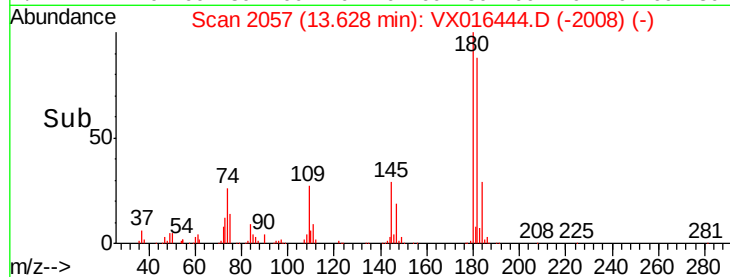
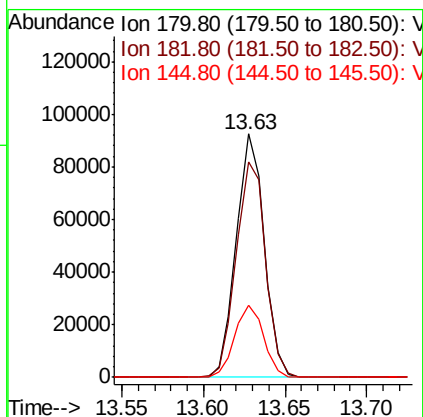
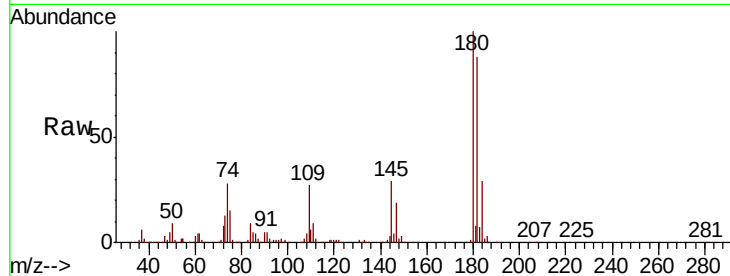




#93
 1,2,4-Trichlorobenzene
 Concen: 47.340 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016444.D
 Acq: 26 May 2020 22:37

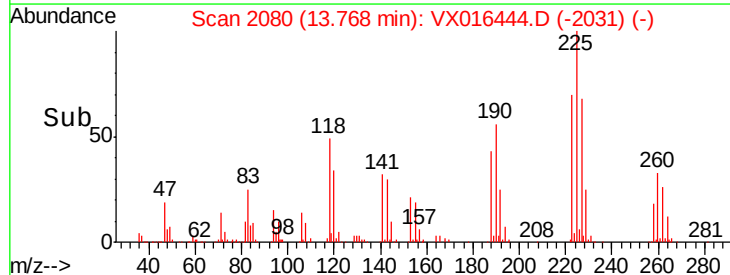
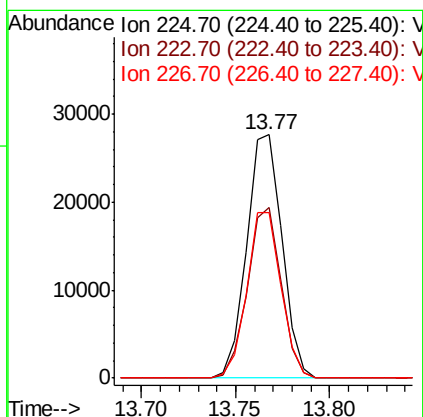
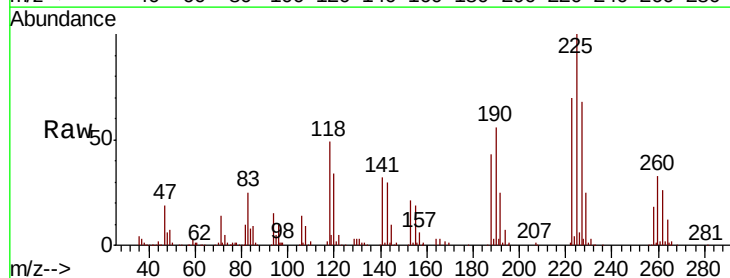
Instrument :
 MSVOA_X
 ClientSampleId :

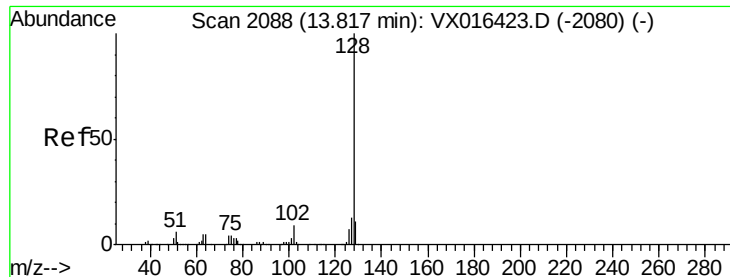
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.7	48.6	145.8
145	30.5	15.5	46.5



#94
 Hexachlorobutadiene
 Concen: 42.604 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016444.D
 Acq: 26 May 2020 22:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.7	32.6	98.0
227	66.0	32.5	97.4

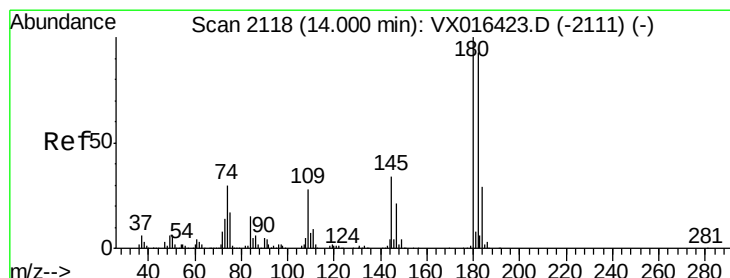
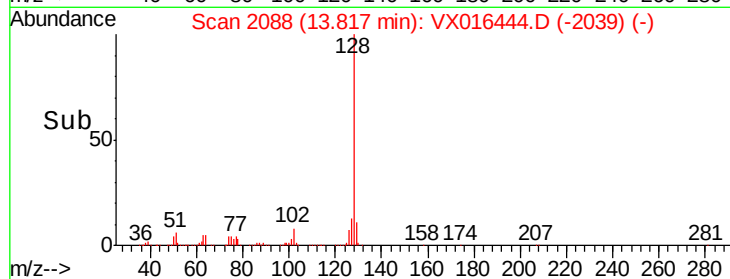
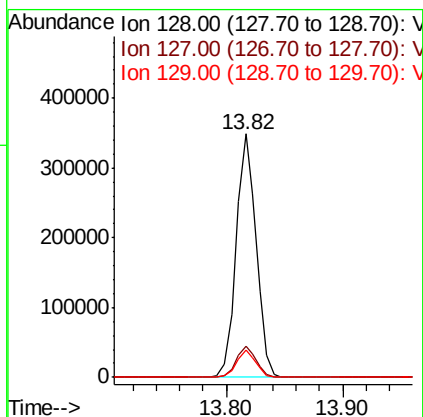
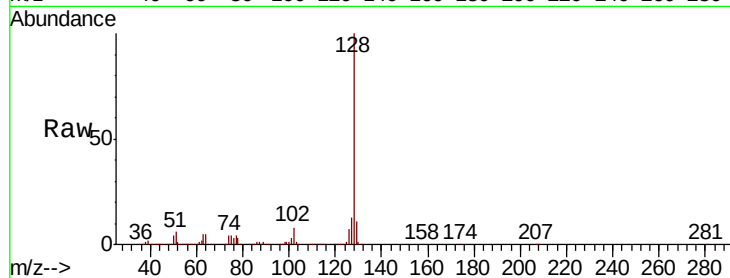




#95
Naphthalene
Concen: 49.608 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 416517
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 48.645 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX016444.D
Acq: 26 May 2020 22:37

Tgt Ion:180 Resp: 110168
Ion Ratio Lower Upper
180 100
182 98.3 48.2 144.6
145 33.4 16.3 48.9

