

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052220\
 Data File : VX016416.D
 Acq On : 22 May 2020 16:44
 Operator : JC/SP
 Sample : L2743-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 23 02:46:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	211568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	338047	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	316939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	165932	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	128340	46.10	ug/l	0.00
Spiked Amount			Recovery	=	92.20%	
35) Dibromofluoromethane	5.47	113	108479	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	
50) Toluene-d8	8.70	98	414495	50.23	ug/l	0.00
Spiked Amount			Recovery	=	100.46%	
62) 4-Bromofluorobenzene	11.12	95	164908	52.54	ug/l	0.00
Spiked Amount			Recovery	=	105.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	104746	46.774	ug/l	99
3) Chloromethane	1.31	50	116424	44.767	ug/l	99
4) Vinyl Chloride	1.39	62	129012	46.497	ug/l	100
5) Bromomethane	1.62	94	49401	35.316	ug/l	99
6) Chloroethane	1.70	64	77021	45.622	ug/l	100
7) Trichlorofluoromethane	1.91	101	176375	48.419	ug/l	99
8) Diethyl Ether	2.17	74	71221	46.403	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.36	101	97766	46.519	ug/l	98
10) Methyl Iodide	2.49	142	96103	34.043	ug/l	99
11) Tert butyl alcohol	3.03	59	158191	224.701	ug/l	99
12) 1,1-Dichloroethene	2.35	96	102295	46.513	ug/l	96
13) Acrolein	2.27	56	100422	227.950	ug/l	99
14) Allyl chloride	2.70	41	169656	42.072	ug/l	93
15) Acrylonitrile	3.12	53	344941	236.186	ug/l	99
16) Acetone	2.42	43	263997	212.523	ug/l	93
17) Carbon Disulfide	2.55	76	285505	43.201	ug/l	100
18) Methyl Acetate	2.75	43	136625	44.732	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	377601	49.805	ug/l	99
20) Methylene Chloride	2.84	84	121455	47.429	ug/l	90
21) trans-1,2-Dichloroethene	3.14	96	118972	48.544	ug/l	90
22) Diisopropyl ether	3.82	45	346277	45.518	ug/l	96
23) Vinyl Acetate	3.79	43	1486115	222.041	ug/l	96
24) 1,1-Dichloroethane	3.67	63	205155	48.208	ug/l	99
25) 2-Butanone	4.64	43	457730	228.672	ug/l	95
26) 2,2-Dichloropropane	4.55	77	167412	43.076	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	139347	52.008	ug/l	93
28) Bromochloromethane	4.98	49	81421	41.959	ug/l	89
29) Tetrahydrofuran	5.09	42	301134	227.044	ug/l	92
30) Chloroform	5.18	83	212422	50.133	ug/l	97
31) Cyclohexane	5.55	56	171677	44.389	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	194079	50.390	ug/l	97
36) 1,1-Dichloropropene	5.77	75	156153	46.927	ug/l	99
37) Ethyl Acetate	4.79	43	169836	44.036	ug/l	96
38) Carbon Tetrachloride	5.76	117	170575	50.432	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	169073	42.191	ug/l	99
40) Benzene	6.12	78	486347	49.951	ug/l	99
41) Methacrylonitrile	5.01	41	95093	45.655	ug/l	94
42) 1,2-Dichloroethane	6.17	62	163713	46.677	ug/l	97
43) Isopropyl Acetate	6.42	43	270309	43.927	ug/l	95
44) Trichloroethene	7.19	130	146823	42.447	ug/l	100
45) 1,2-Dichloropropane	7.49	63	122063	49.546	ug/l	100
46) Dibromomethane	7.64	93	83701	49.994	ug/l	97
47) Bromodichloromethane	7.88	83	171171	50.200	ug/l	95
48) Methyl methacrylate	7.75	41	129069	44.264	ug/l	90
49) 1,4-Dioxane	7.72	88	64695	925.106	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	883133	234.523	ug/l	95
52) Toluene	8.77	92	311618	51.347	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	197069	48.473	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	202516	47.690	ug/l	92
55) 1,1,2-Trichloroethane	9.20	97	125372	52.507	ug/l	97
56) Ethyl methacrylate	9.16	69	199468	51.179	ug/l	89
57) 1,3-Dichloropropane	9.35	76	209150	50.200	ug/l	99
59) 2-Hexanone	9.48	43	690264	233.413	ug/l	94
60) Dibromochloromethane	9.57	129	142935	54.354	ug/l	99
61) 1,2-Dibromoethane	9.65	107	134996	52.196	ug/l	99
64) Tetrachloroethene	9.32	164	161151	41.418	ug/l	97
65) Chlorobenzene	10.12	112	336019	50.633	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	129792	52.915	ug/l	100
67) Ethyl Benzene	10.24	91	590584	49.877	ug/l	100
68) m/p-Xylenes	10.34	106	456240	102.841	ug/l	99
69) o-Xylene	10.68	106	219975	51.584	ug/l	99
70) Stvrene	10.70	104	385432	53.277	ug/l	99
71) Bromoform	10.84	173	114200	57.145	ug/l #	99
73) Isopropylbenzene	11.01	105	576081	47.732	ug/l	99
74) N-amyl acetate	10.88	43	231886	41.191	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.26	83	163484	66.259	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	241199	64.057	ug/l	84
77) Bromobenzene	11.24	156	152176	48.850	ug/l	97
78) n-propylbenzene	11.35	91	650948	46.363	ug/l	99
79) 2-Chlorotoluene	11.40	91	399846	48.246	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	488398	47.928	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	73920	46.783	ug/l	94
82) 4-Chlorotoluene	11.49	91	474070	48.440	ug/l	100
83) tert-Butylbenzene	11.76	119	426290	48.542	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	500456	48.578	ug/l	100
85) sec-Butylbenzene	11.93	105	516918	43.596	ug/l	99
86) p-Isopropyltoluene	12.05	119	484718	44.030	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	271115	48.470	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	270165	47.588	ug/l	99
89) n-Butylbenzene	12.37	91	397970	39.571	ug/l	100
90) Hexachloroethane	12.58	117	85279	45.106	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	258799	48.051	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	46511	46.868	ug/l	92
93) 1,2,4-Trichlorobenzene	13.63	180	170259	42.698	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	58398	34.178	ug/l	98
95) Naphthalene	13.82	128	602916	46.696	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	165083	42.361	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. -0.01 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

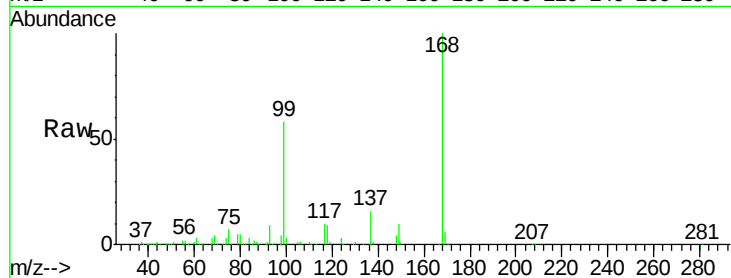
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 211568

Ion Ratio Lower Upper

168 100

99 57.5 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

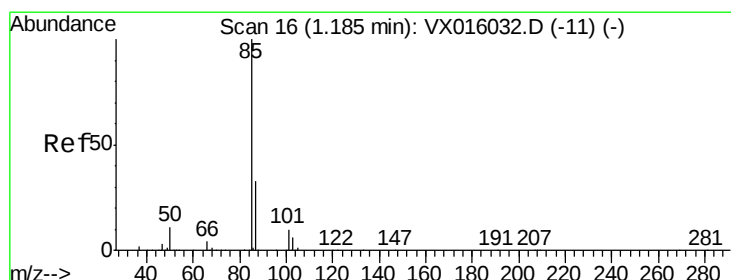
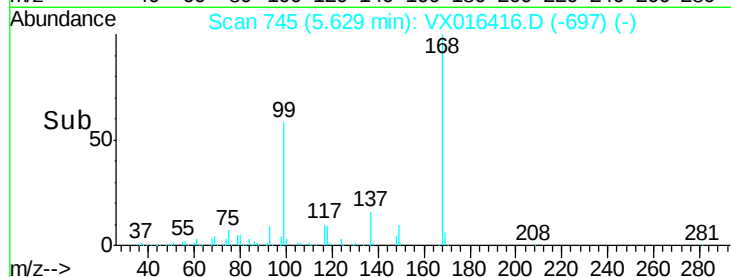
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.774 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016416.D

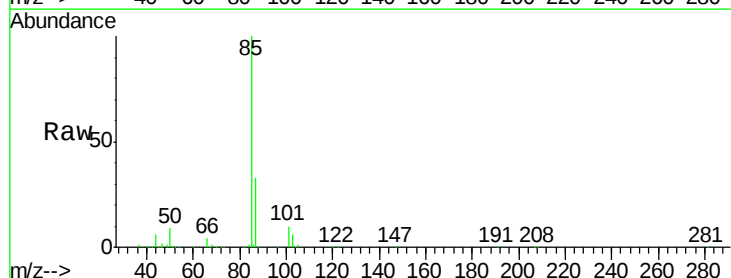
Acq: 22 May 2020 16:44

Tgt Ion: 85 Resp: 104746

Ion Ratio Lower Upper

85 100

87 33.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

120000

100000

80000

60000

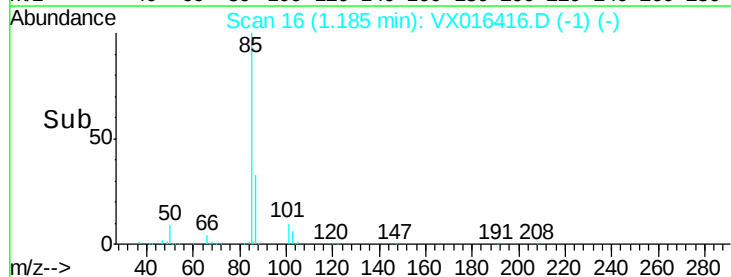
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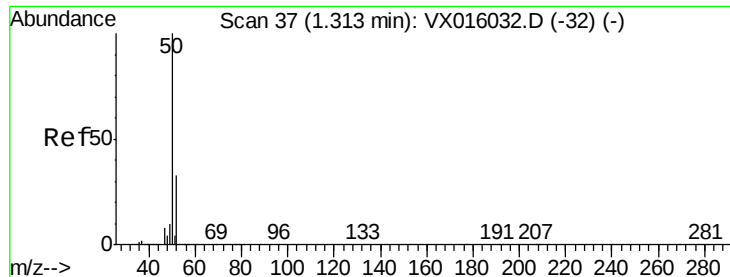
20000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 44.767 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

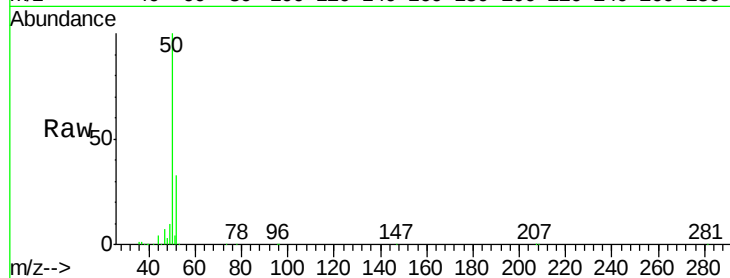
ClientSampleId :

Tot Ion: 50 Resp: 116424

Ion Ratio Lower Upper

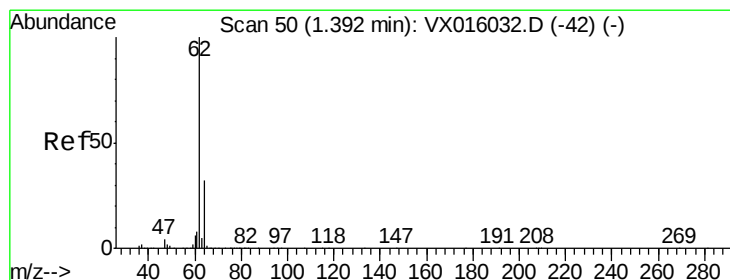
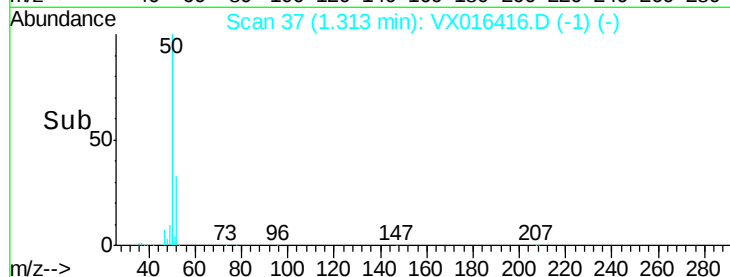
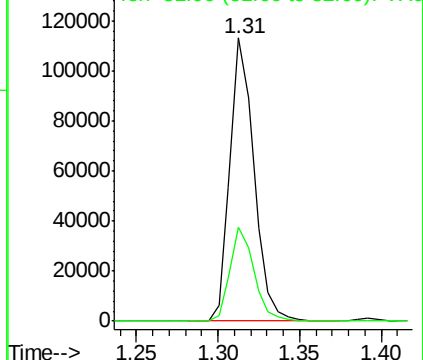
50 100

52 33.1 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.497 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016416.D

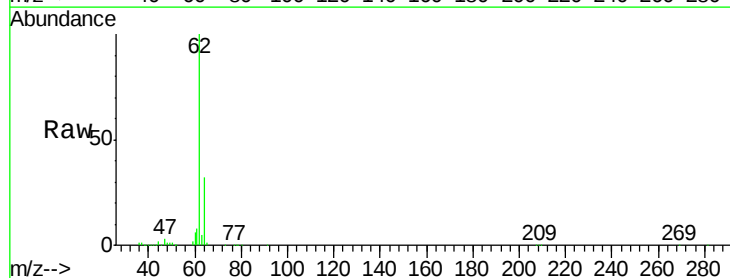
Acq: 22 May 2020 16:44

Tgt Ion: 62 Resp: 129012

Ion Ratio Lower Upper

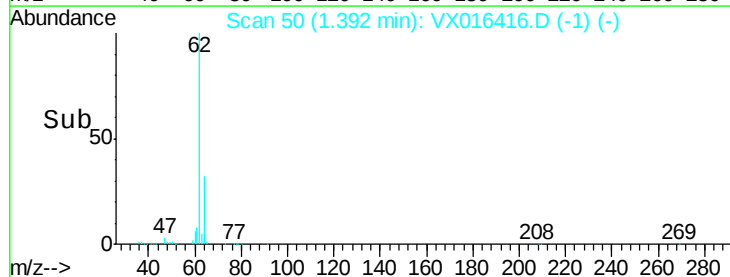
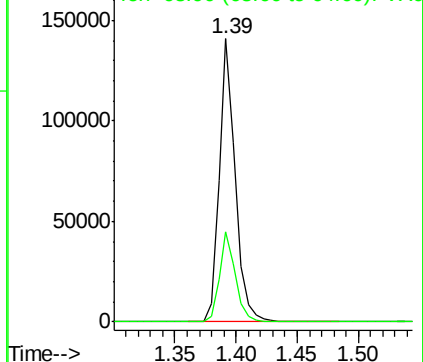
62 100

64 32.0 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 35.316 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

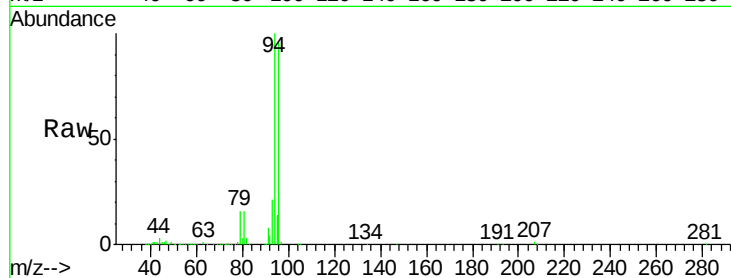
ClientSampled :

Tot Ion: 94 Resp: 49401

Ion Ratio Lower Upper

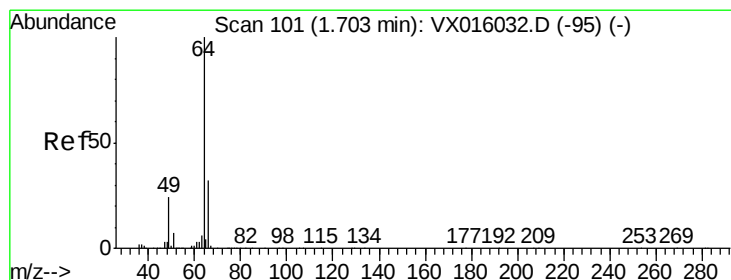
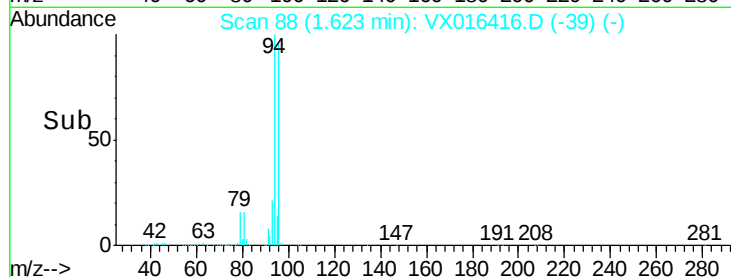
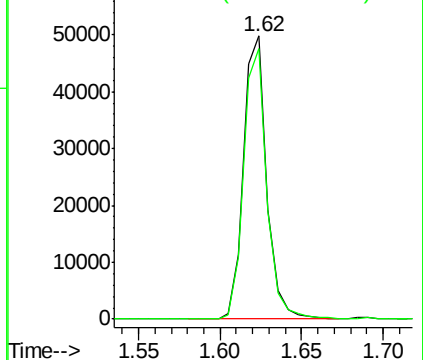
94 100

96 95.6 76.9 115.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 45.622 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016416.D

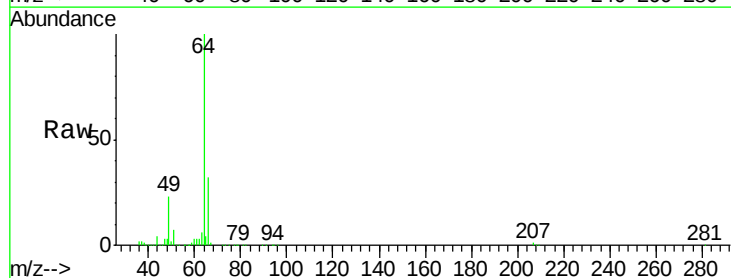
Acq: 22 May 2020 16:44

Tgt Ion: 64 Resp: 77021

Ion Ratio Lower Upper

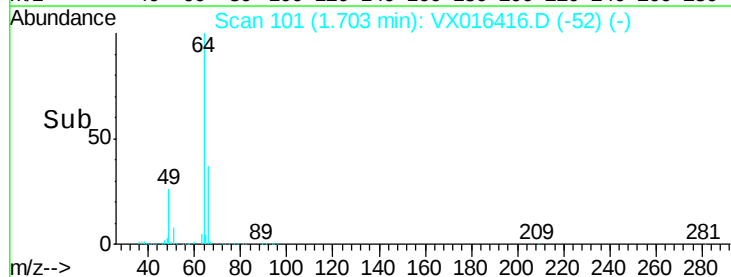
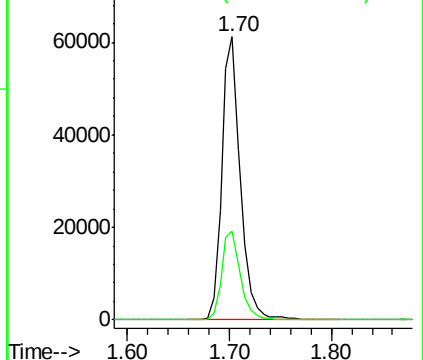
64 100

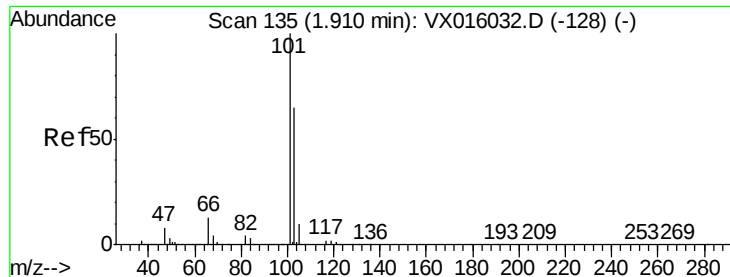
66 31.6 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



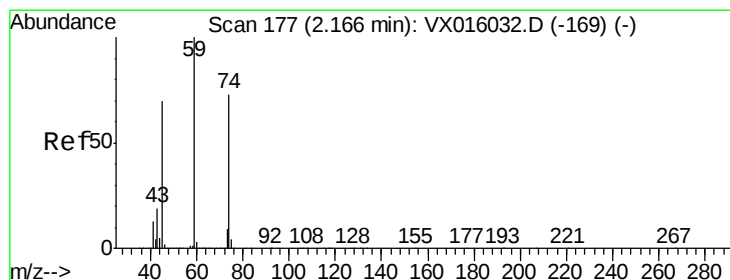
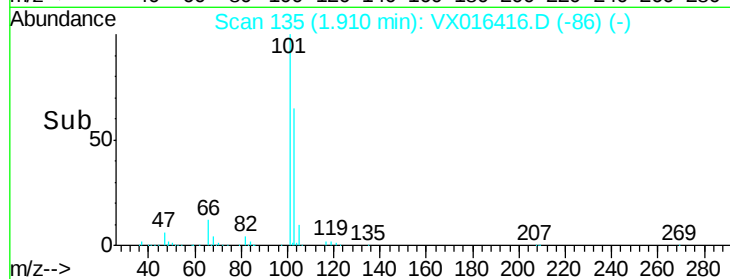
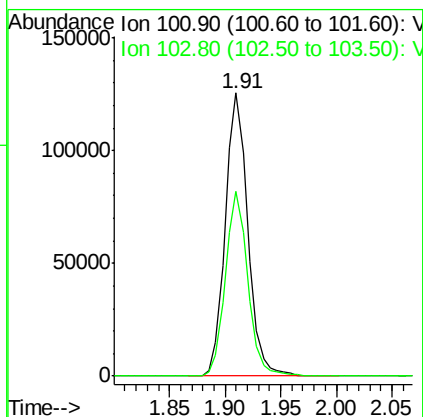
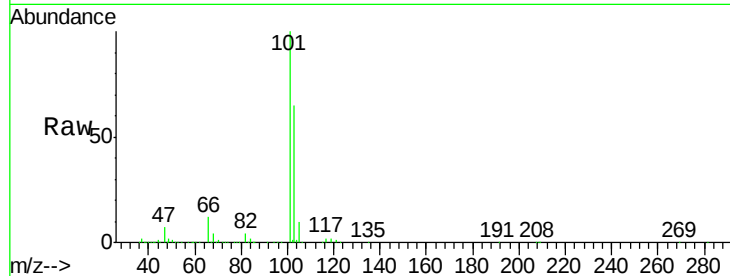


#7

Trichlorofluoromethane
Concen: 48.419 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

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MSVOA_X
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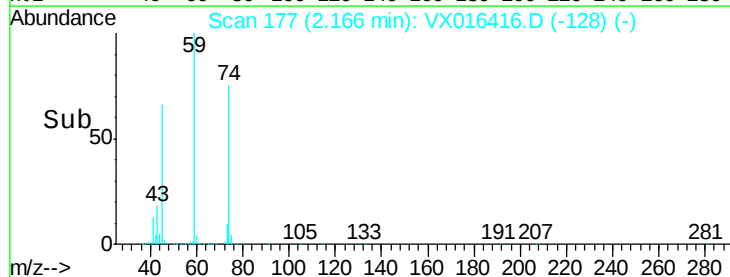
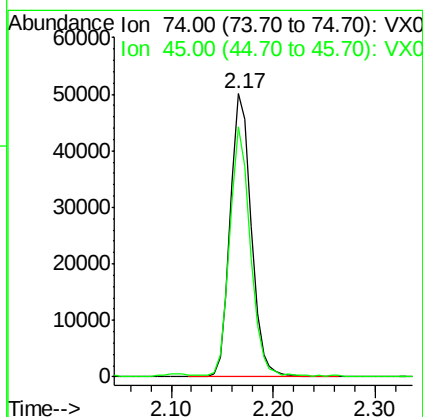
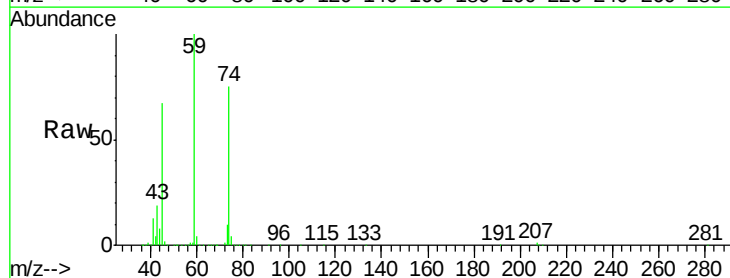
Tot Ion:101 Resp: 176375
Ion Ratio Lower Upper
101 100
103 65.1 51.8 77.6

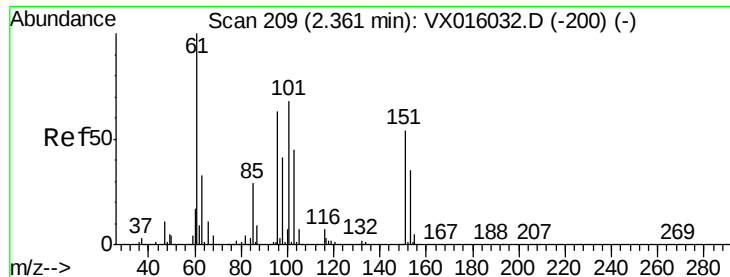


#8

Diethyl Ether
Concen: 46.403 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

Tgt Ion: 74 Resp: 71221
Ion Ratio Lower Upper
74 100
45 85.6 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.519 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

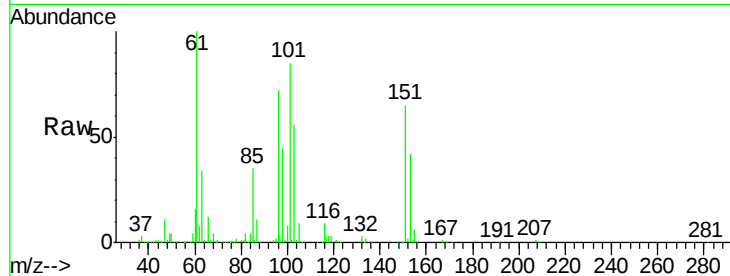
Tot Ion:101 Resp: 97766

Ion Ratio Lower Upper

101 100

85 42.7 34.2 51.4

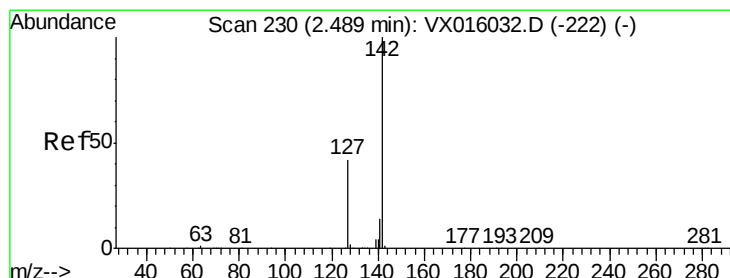
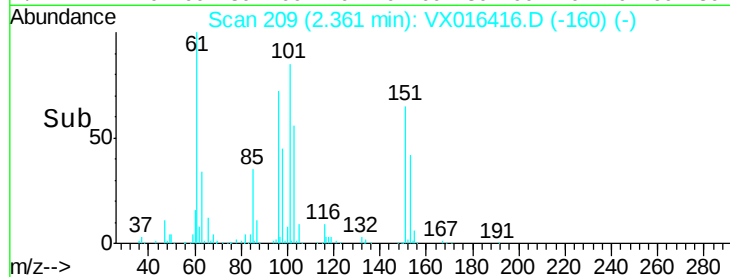
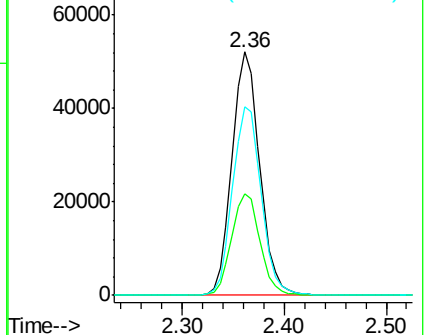
151 79.9 62.1 93.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 34.043 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

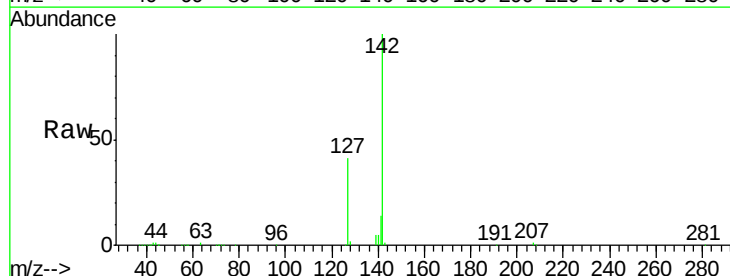
Tgt Ion:142 Resp: 96103

Ion Ratio Lower Upper

142 100

127 42.6 34.6 52.0

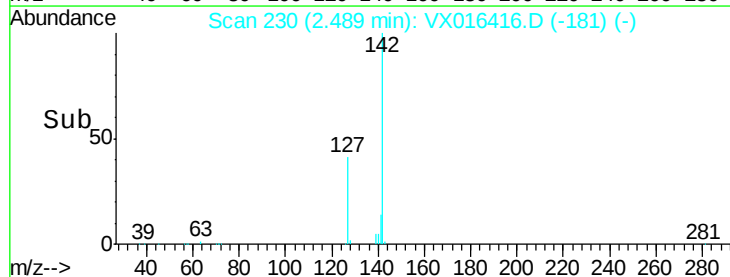
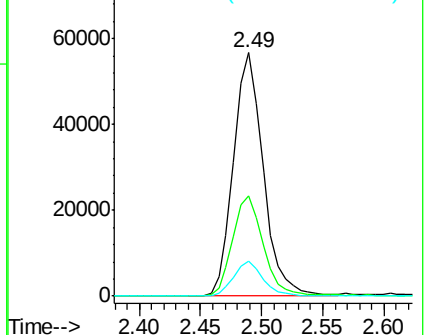
141 14.2 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



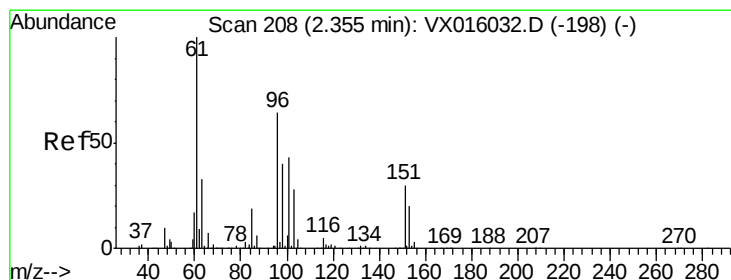
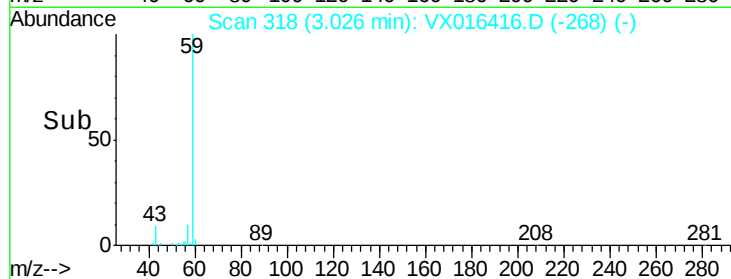
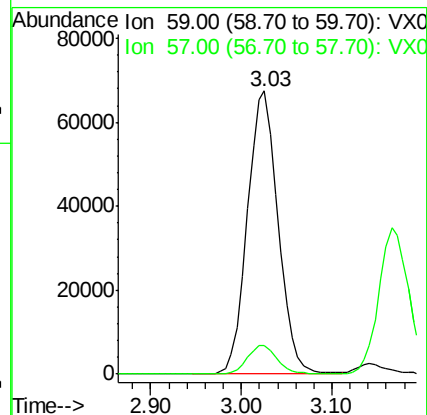
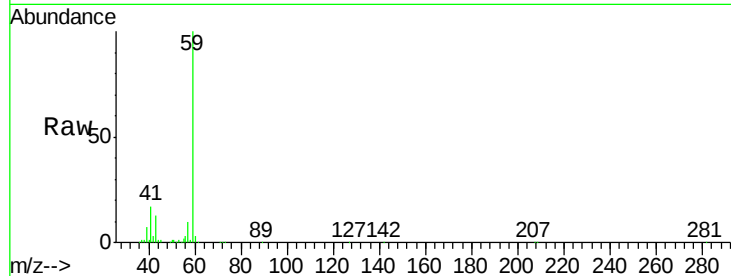


#11

Tert butyl alcohol
 Concen: 224.701 ug/l
 RT: 3.03 min Scan# 318
 Delta R.T. 0.01 min
 Lab File: VX016416.D
 Acq: 22 May 2020 16:44

Instrument :
 MSVOA_X
 ClientSampleId :

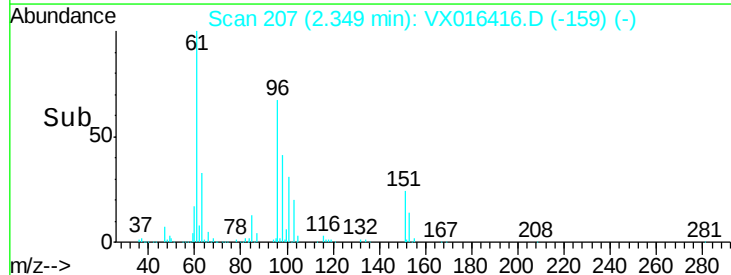
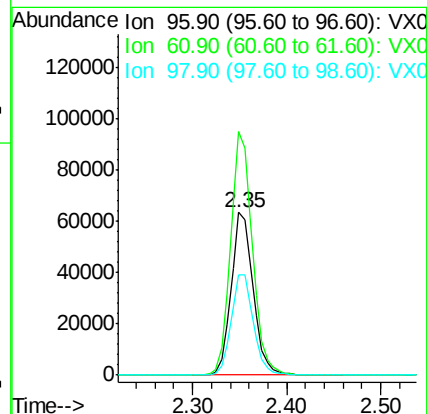
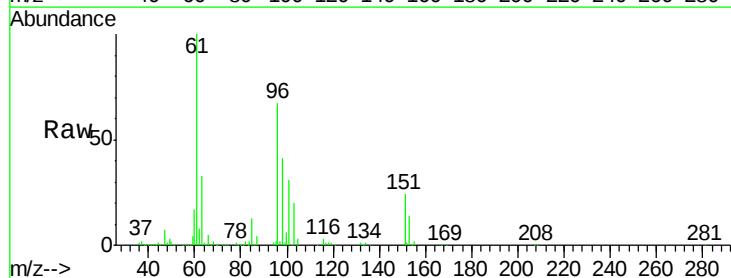
Tot Ion: 59 Resp: 158191
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.2 12.4



#12

1,1-Dichloroethene
 Concen: 46.513 ug/l
 RT: 2.35 min Scan# 207
 Delta R.T. -0.01 min
 Lab File: VX016416.D
 Acq: 22 May 2020 16:44

Tgt Ion: 96 Resp: 102295
 Ion Ratio Lower Upper
 96 100
 61 149.7 124.8 187.2
 98 61.3 49.7 74.5





#13

Acrolein

Concen: 227.950 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

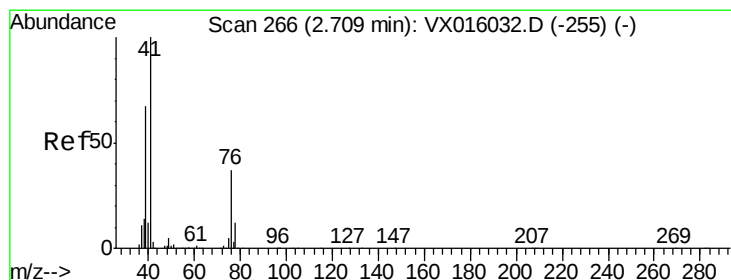
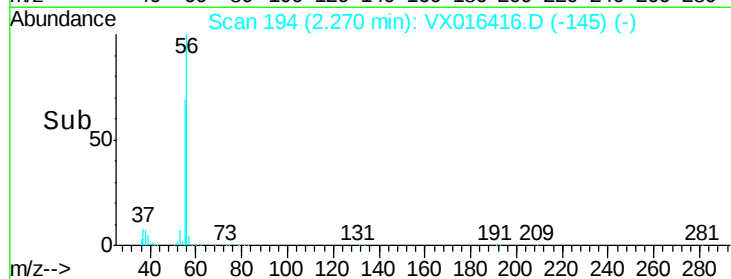
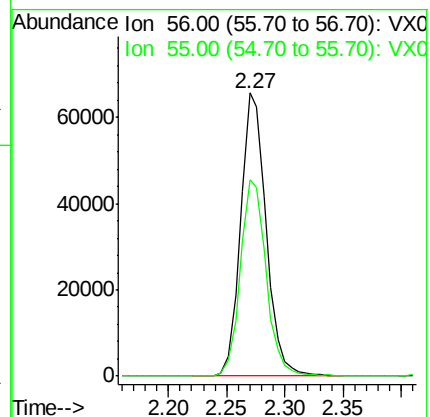
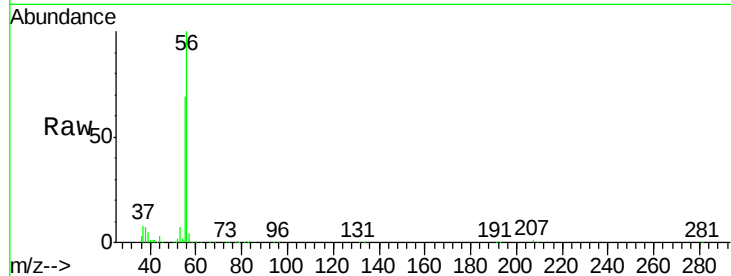
ClientSampleId :

Tot Ion: 56 Resp: 100422

Ion Ratio Lower Upper

56 100

55 69.8 56.5 84.7



#14

Allyl chloride

Concen: 42.072 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

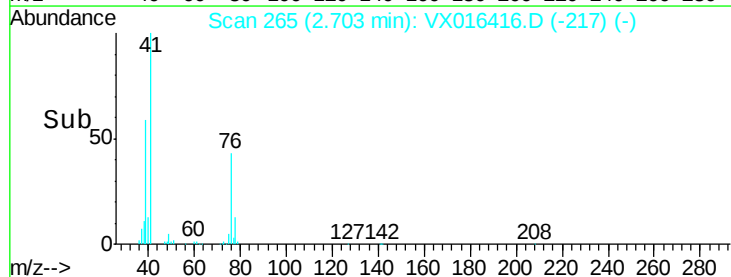
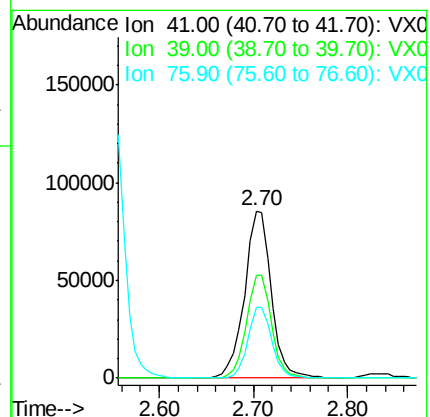
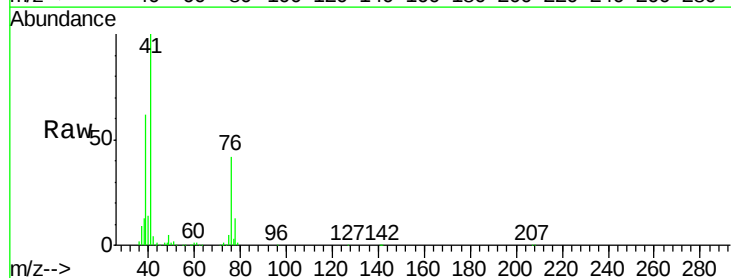
Tgt Ion: 41 Resp: 169656

Ion Ratio Lower Upper

41 100

39 58.0 50.5 75.7

76 37.9 26.6 40.0





#15

Acrylonitrile

Concen: 236.186 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

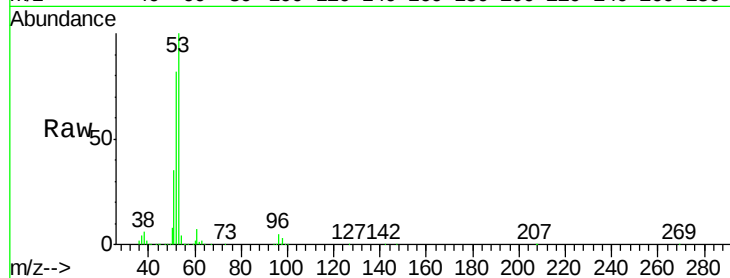
Tot Ion: 53 Resp: 344941

Ion Ratio Lower Upper

53 100

52 81.2 66.1 99.1

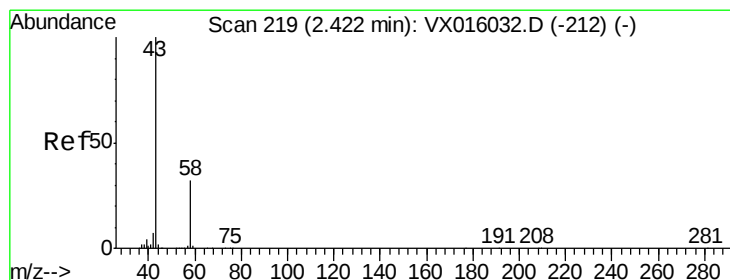
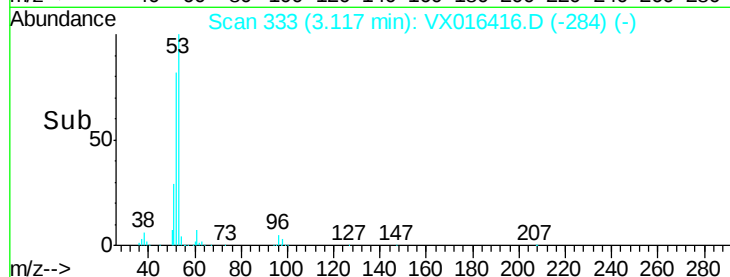
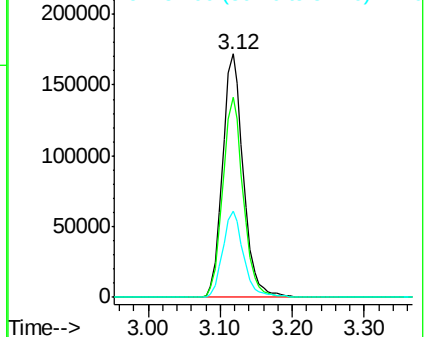
51 35.2 28.8 43.2



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: 212.523 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016416.D

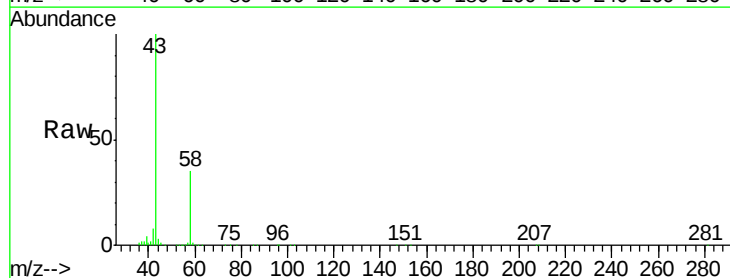
Acq: 22 May 2020 16:44

Tgt Ion: 43 Resp: 263997

Ion Ratio Lower Upper

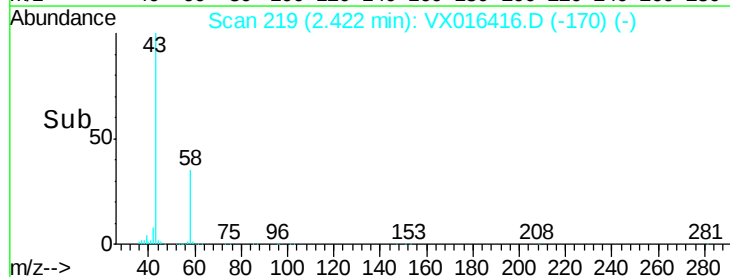
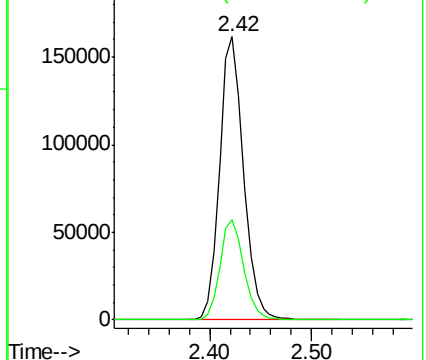
43 100

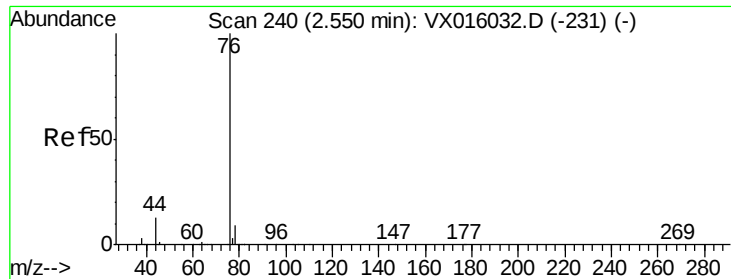
58 35.4 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 43.201 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

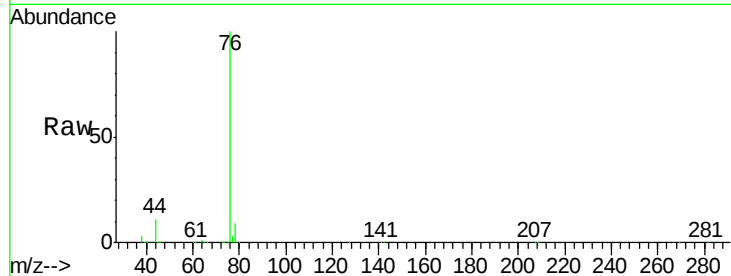
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 285505

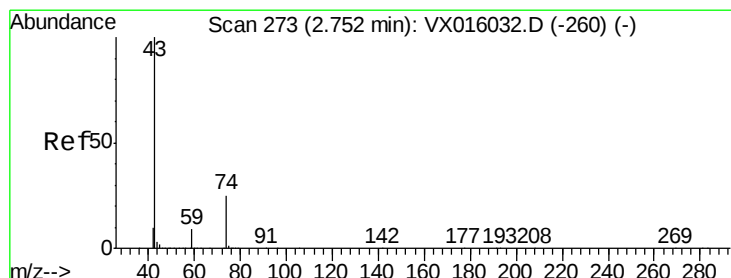
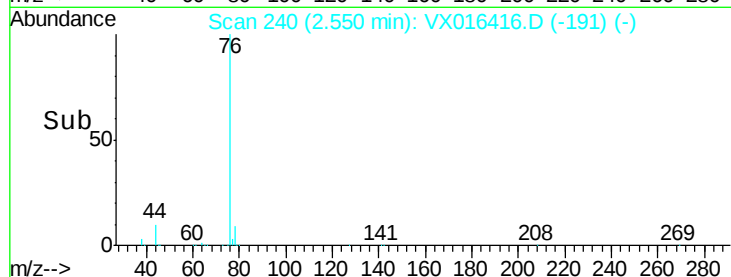
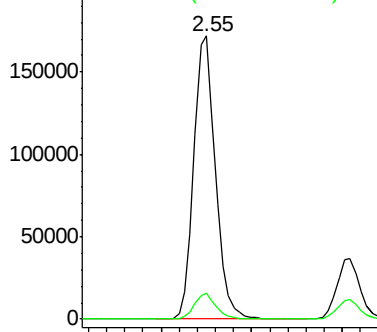
Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 44.732 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016416.D

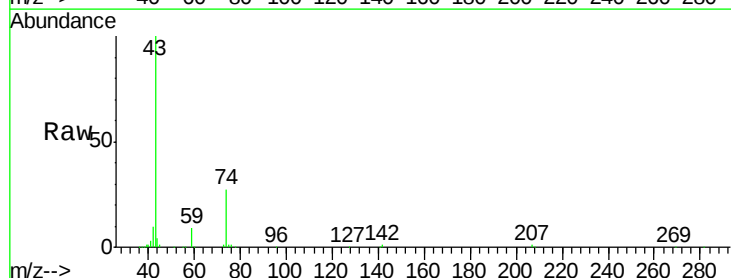
Acq: 22 May 2020 16:44

Tgt Ion: 43 Resp: 136625

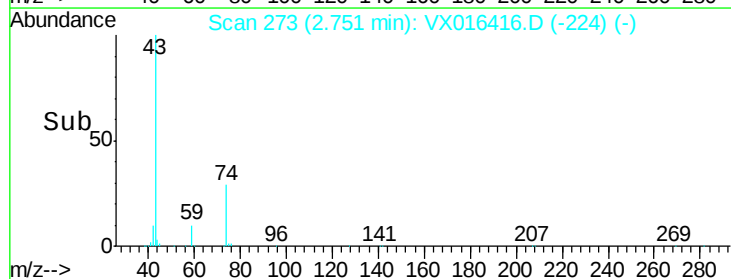
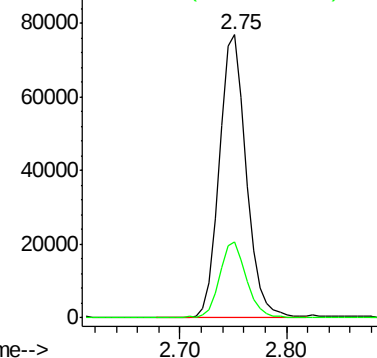
Ion Ratio Lower Upper

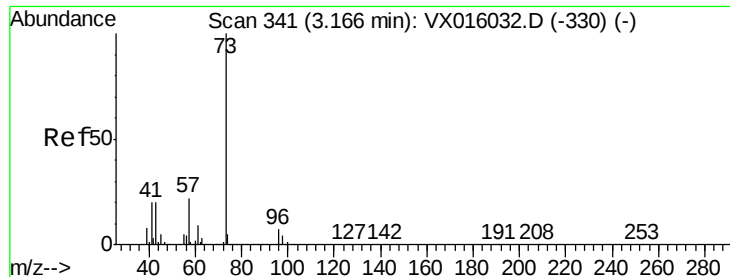
43 100

74 27.4 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0



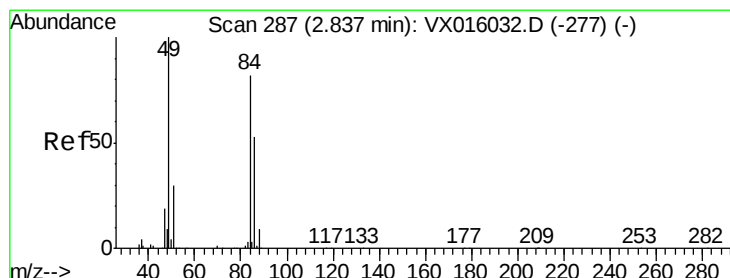
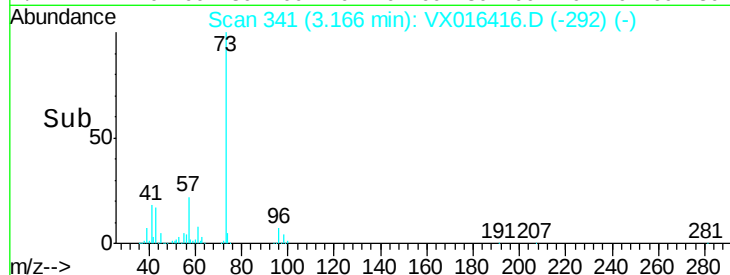
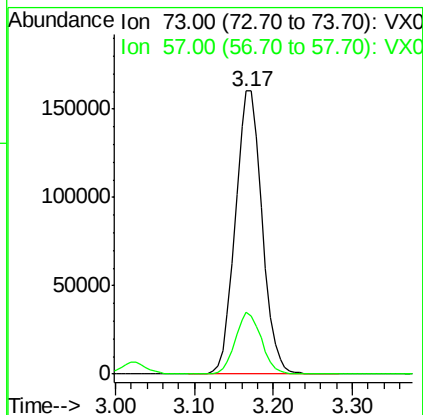
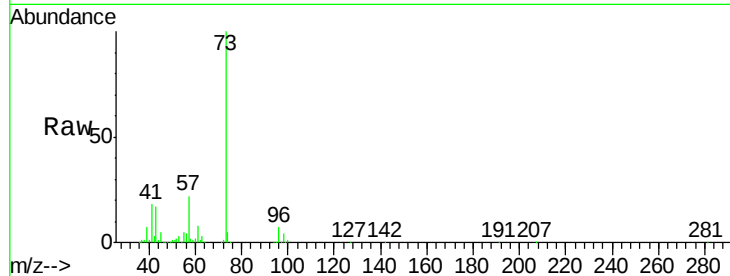


#19

Methyl tert-butyl Ether
 Concen: 49.805 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016416.D
 Acq: 22 May 2020 16:44

Instrument :
 MSVOA_X
 ClientSampleId :

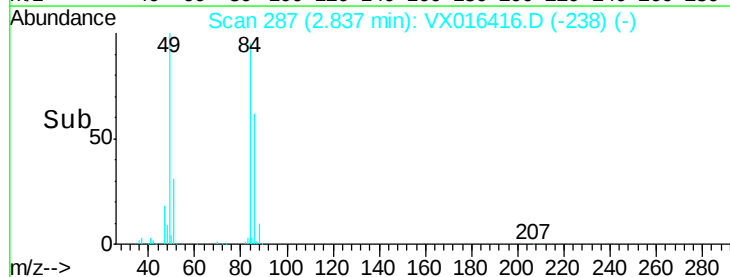
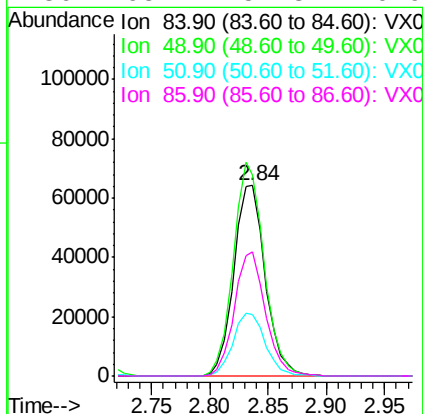
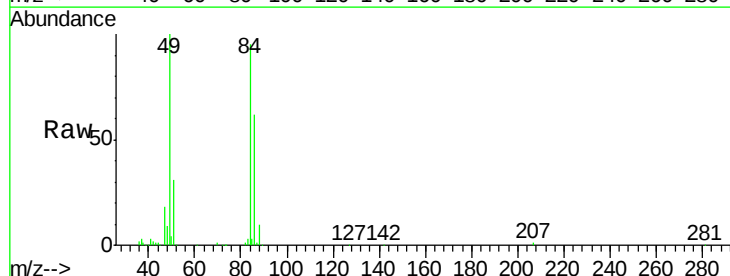
Tot Ion: 73 Resp: 377601
 Ion Ratio Lower Upper
 73 100
 57 21.7 17.8 26.6

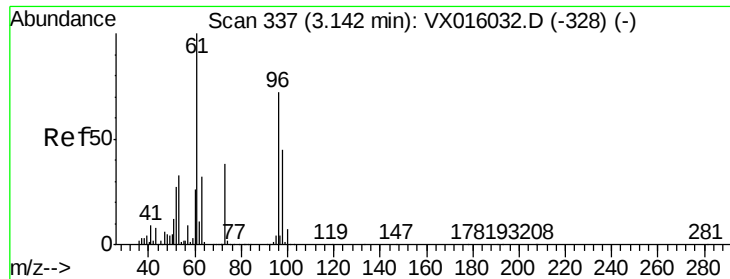


#20

Methylene Chloride
 Concen: 47.429 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX016416.D
 Acq: 22 May 2020 16:44

Tgt Ion: 84 Resp: 121455
 Ion Ratio Lower Upper
 84 100
 49 105.3 97.3 145.9
 51 32.5 29.3 43.9
 86 65.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 48.544 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :

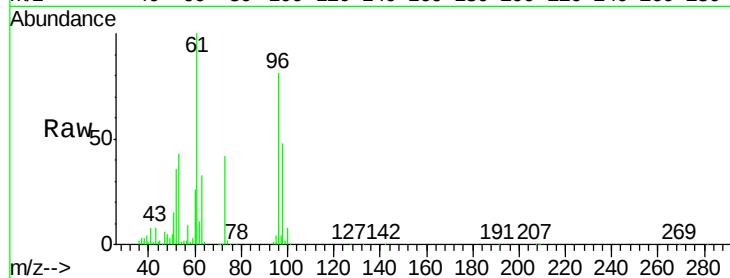
Tot Ion: 96 Resp: 118972

Ion Ratio Lower Upper

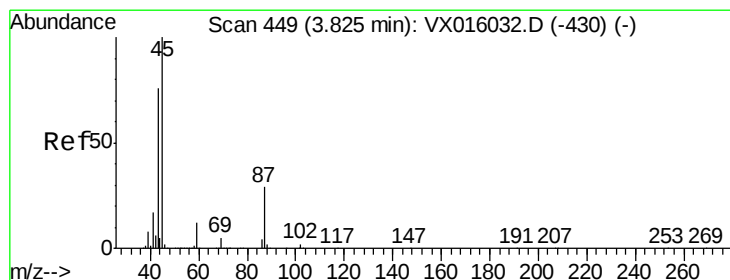
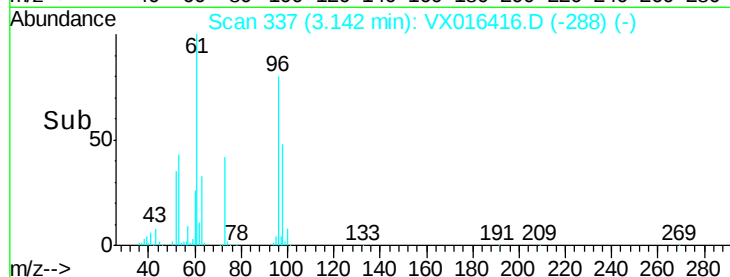
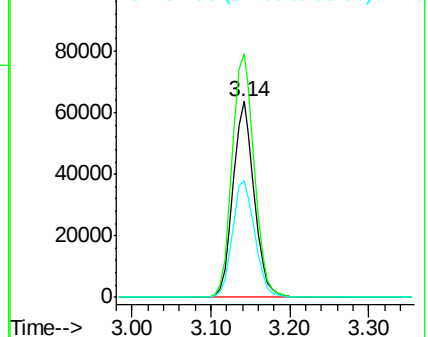
96 100

61 124.1 111.2 166.8

98 59.9 50.2 75.4



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



#22

Diisopropyl ether

Concen: 45.518 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Tgt Ion: 45 Resp: 346277

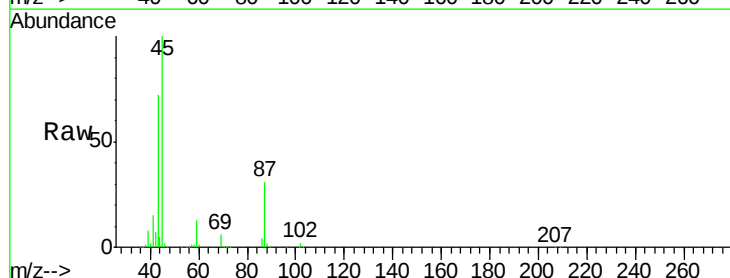
Ion Ratio Lower Upper

45 100

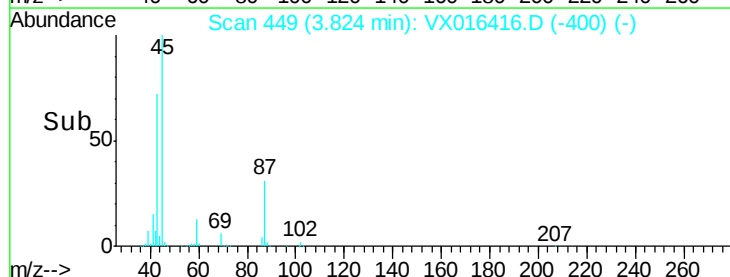
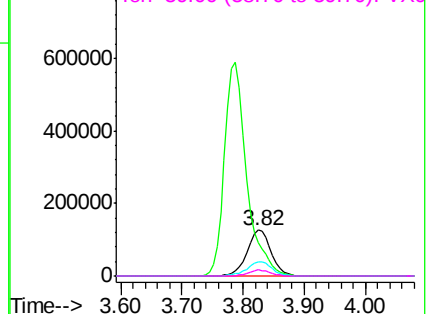
43 72.1 61.1 91.7

87 31.0 23.0 34.6

59 13.0 9.8 14.6



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 222.041 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

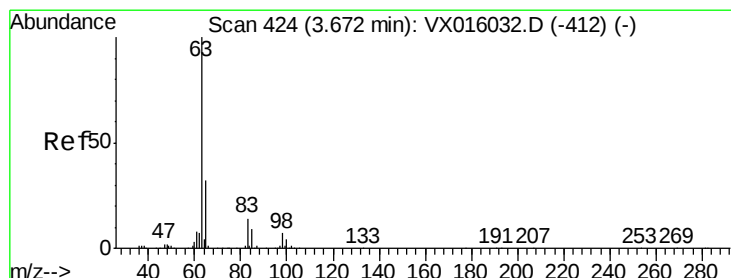
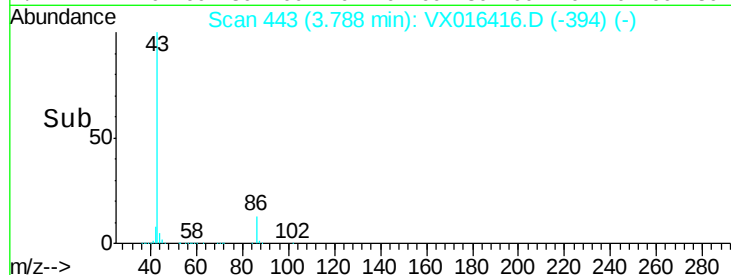
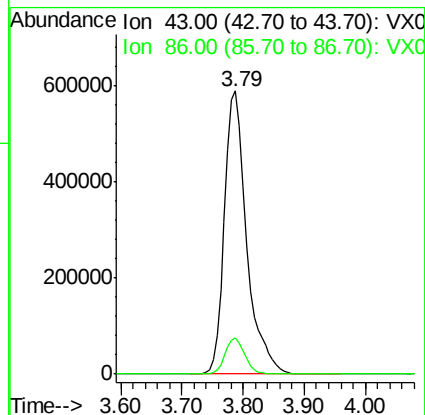
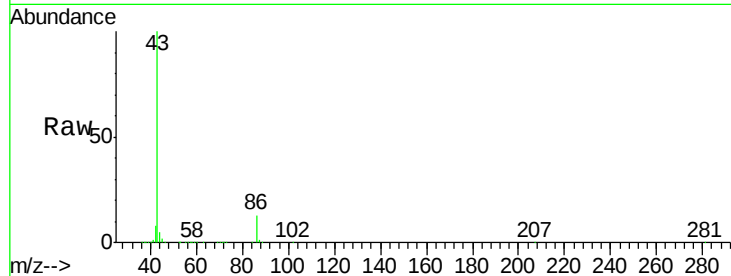
ClientSampleId :

Tot Ion: 43 Resp: 1486115

Ion Ratio Lower Upper

43 100

86 12.9 9.0 13.4



#24

1,1-Dichloroethane

Concen: 48.208 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

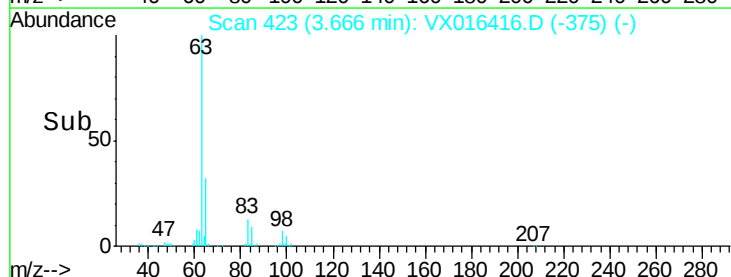
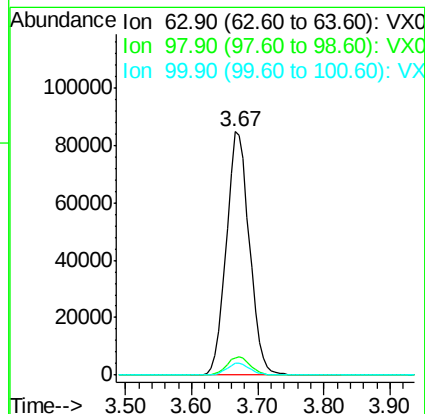
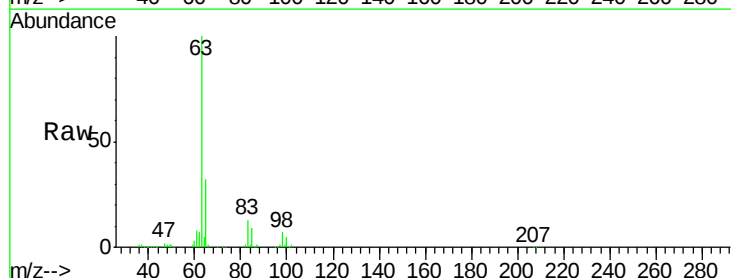
Tgt Ion: 63 Resp: 205155

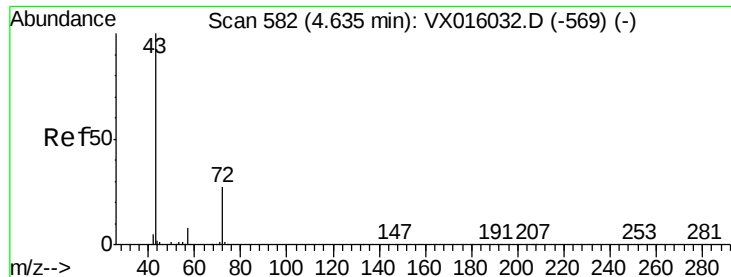
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

100 4.9 2.1 6.5





#25

2-Butanone

Concen: 228.672 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

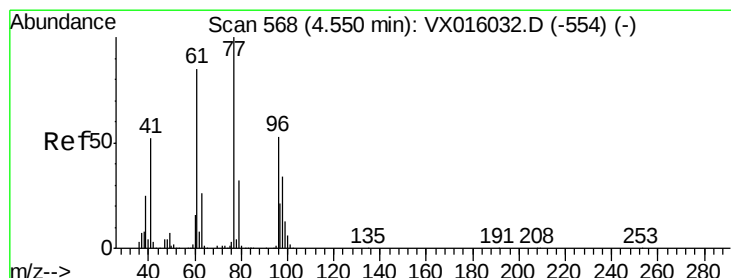
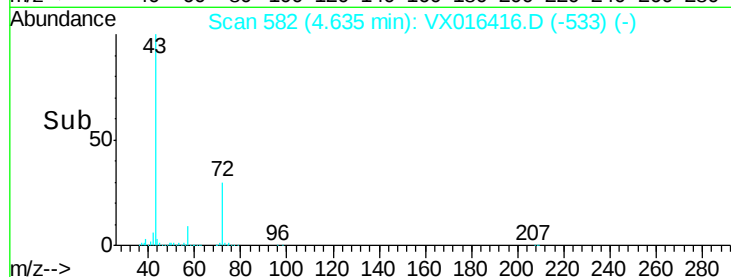
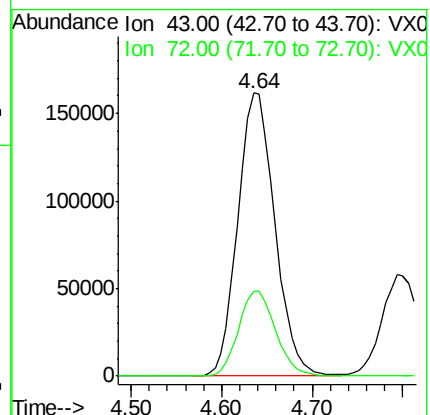
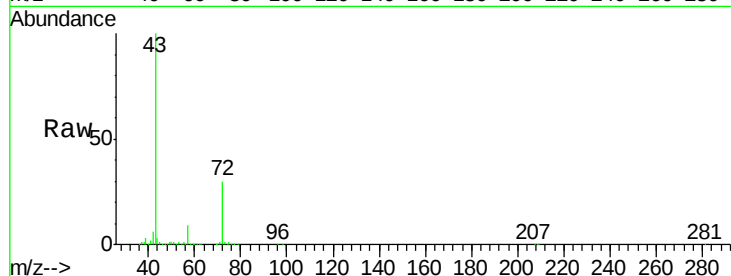
ClientSampleId :

Tot Ion: 43 Resp: 457730

Ion Ratio Lower Upper

43 100

72 29.7 21.8 32.8



#26

2,2-Dichloropropane

Concen: 43.076 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016416.D

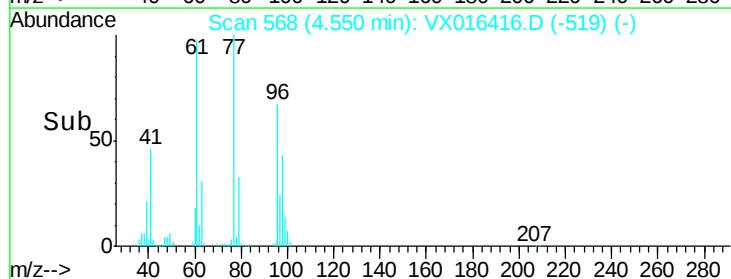
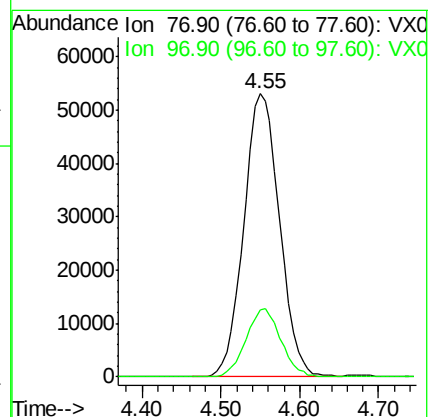
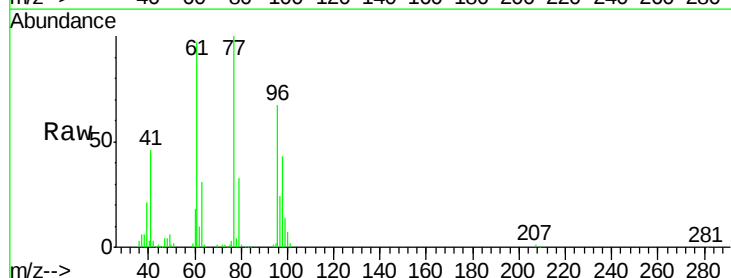
Acq: 22 May 2020 16:44

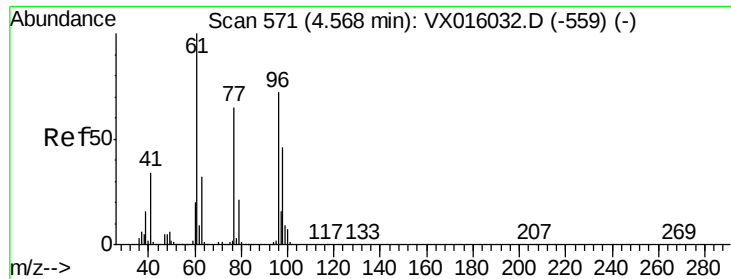
Tgt Ion: 77 Resp: 167412

Ion Ratio Lower Upper

77 100

97 23.4 11.2 33.6



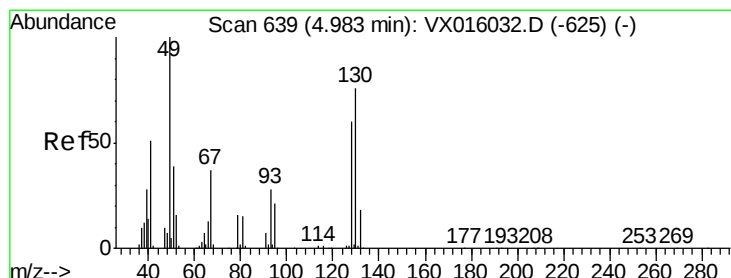
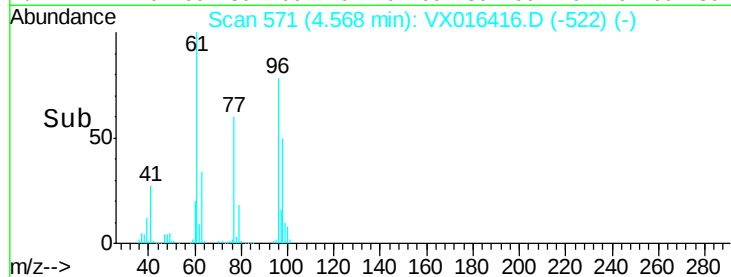
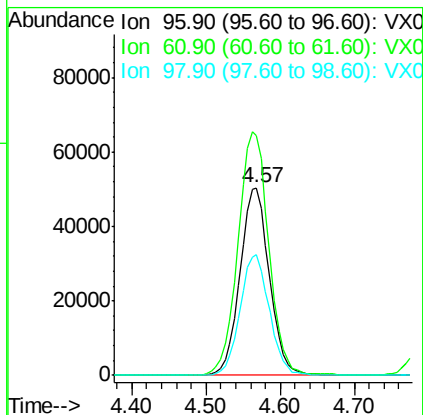
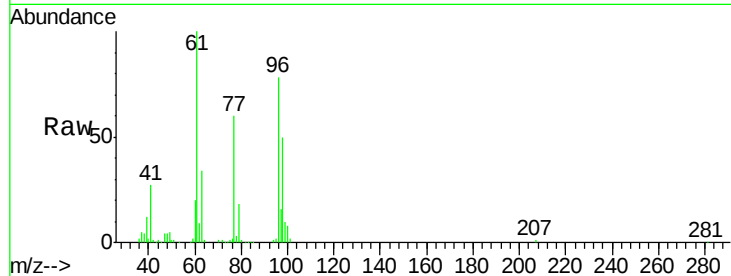


#27

cis-1,2-Dichloroethene
Concen: 52.008 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :

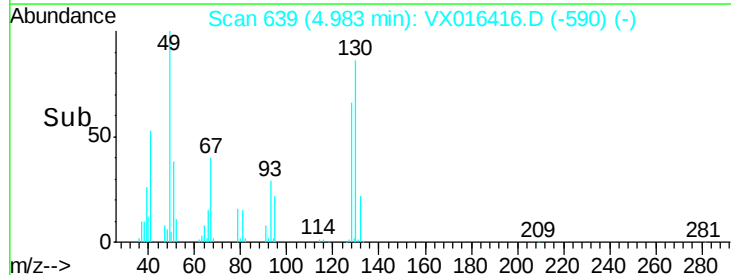
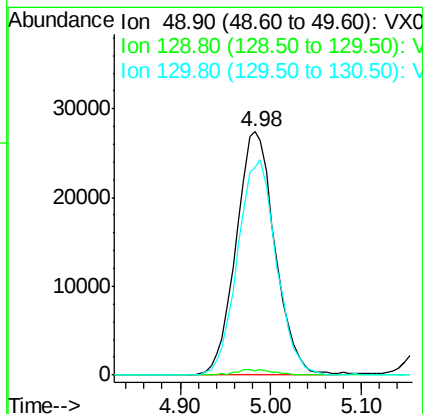
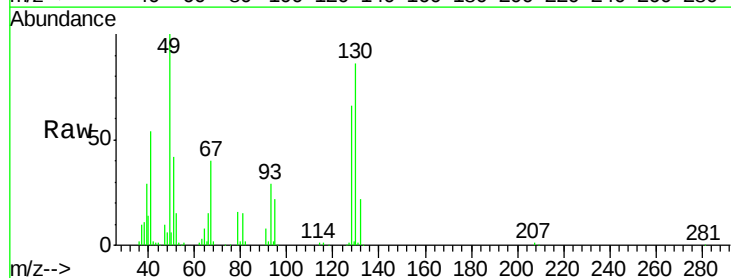
Tot Ion: 96 Resp: 139347
Ion Ratio Lower Upper
96 100
61 135.6 0.0 296.2
98 64.2 0.0 129.4

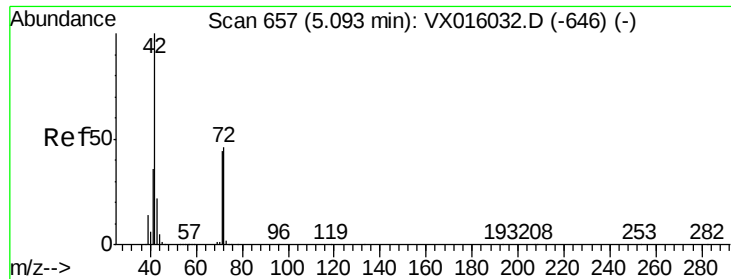


#28

Bromochloromethane
Concen: 41.959 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

Tgt Ion: 49 Resp: 81421
Ion Ratio Lower Upper
49 100
129 1.2 0.0 4.0
130 88.2 62.4 93.6

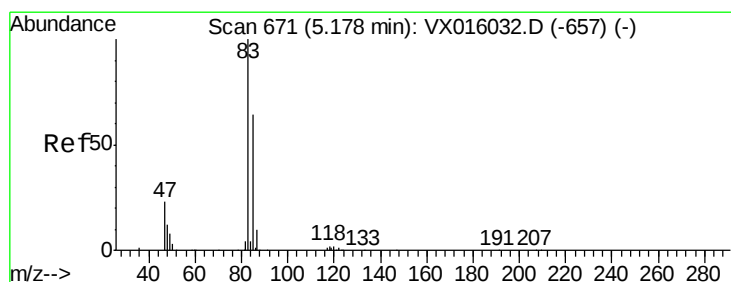
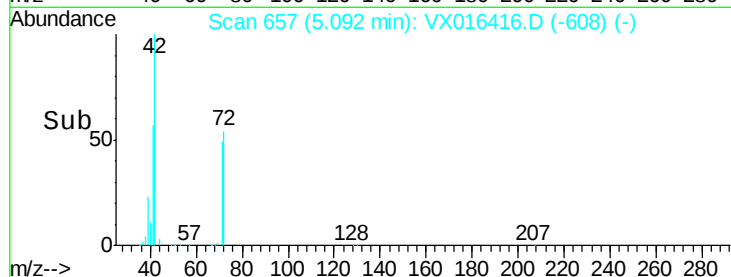
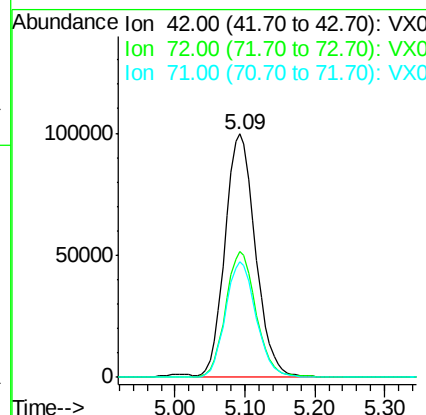
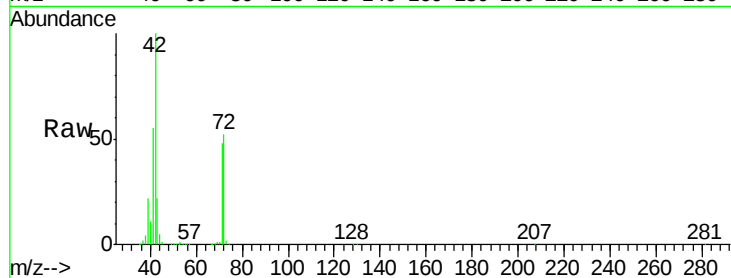




#29
Tetrahydrofuran
Concen: 227.044 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

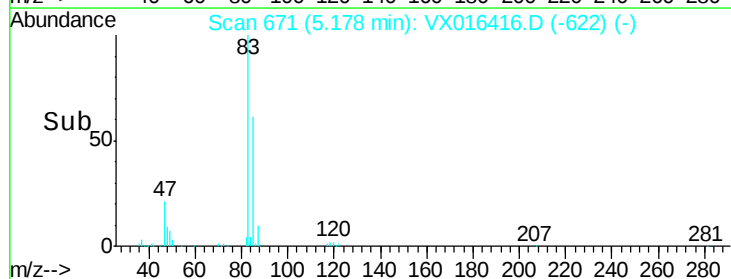
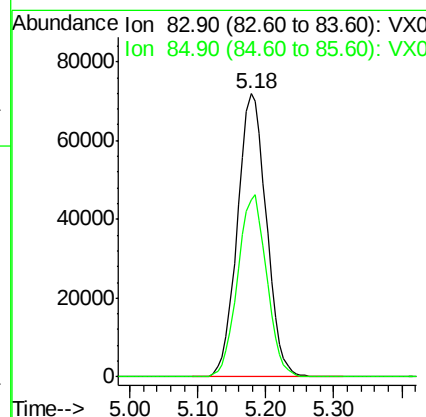
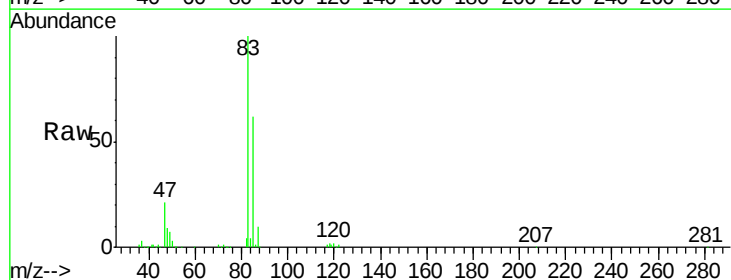
Instrument :
MSVOA_X
ClientSampleId :

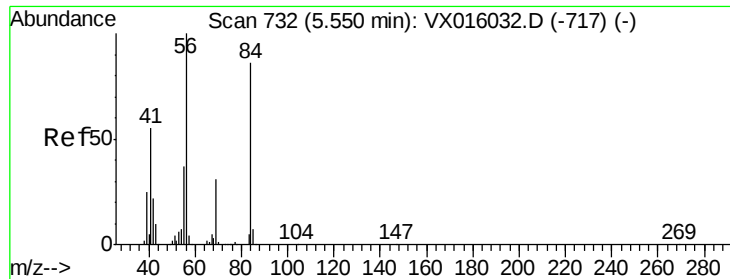
Tot Ion: 42 Resp: 301134
Ion Ratio Lower Upper
42 100
72 51.9 37.1 55.7
71 47.9 34.5 51.7



#30
Chloroform
Concen: 50.133 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

Tgt Ion: 83 Resp: 212422
Ion Ratio Lower Upper
83 100
85 62.5 51.6 77.4

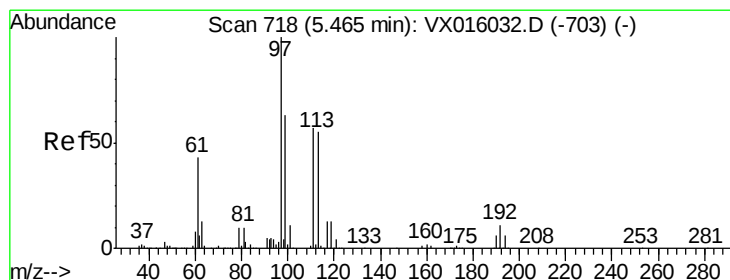
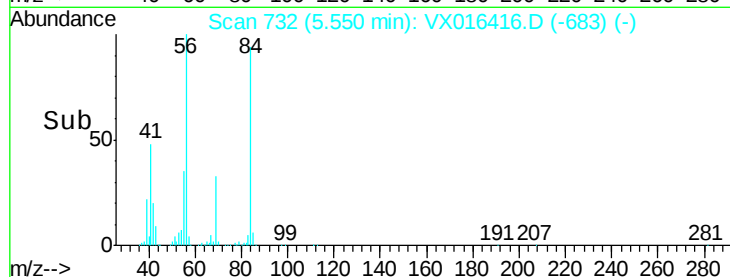
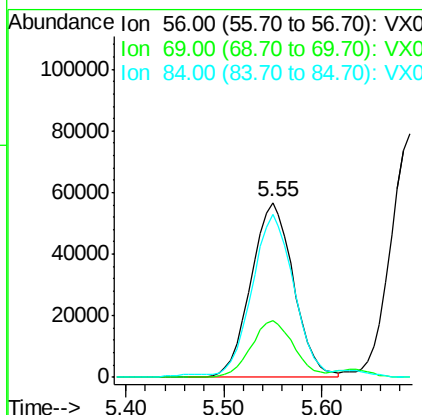
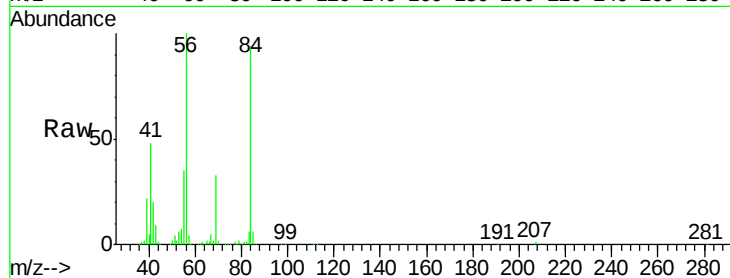




#31
Cyclohexane
Concen: 44.389 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

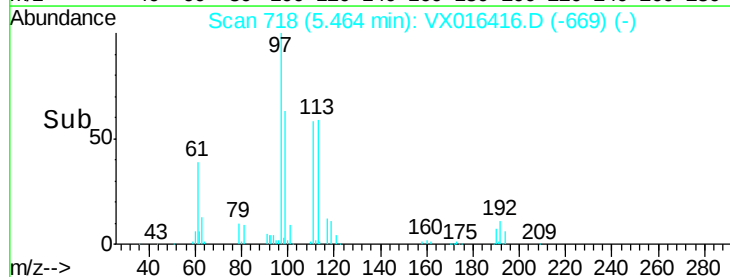
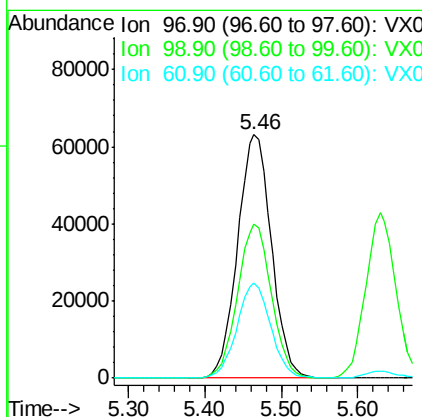
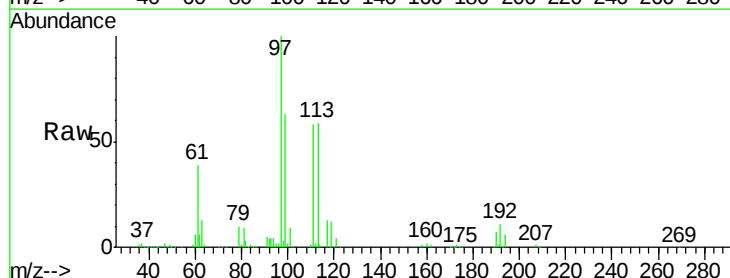
Instrument :
MSVOA_X
ClientSampled :

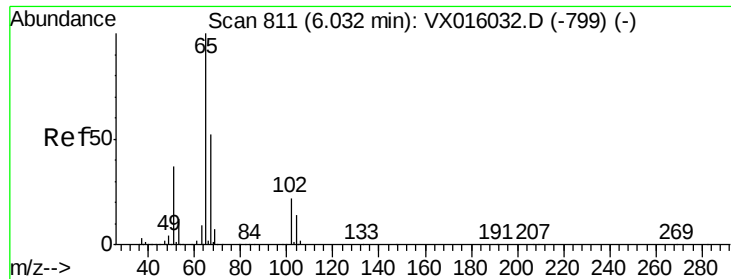
Tot Ion: 56 Resp: 171677
Ion Ratio Lower Upper
56 100
69 32.8 25.0 37.6
84 92.0 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 50.390 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

Tgt Ion: 97 Resp: 194079
Ion Ratio Lower Upper
97 100
99 63.2 51.0 76.4
61 38.8 34.5 51.7

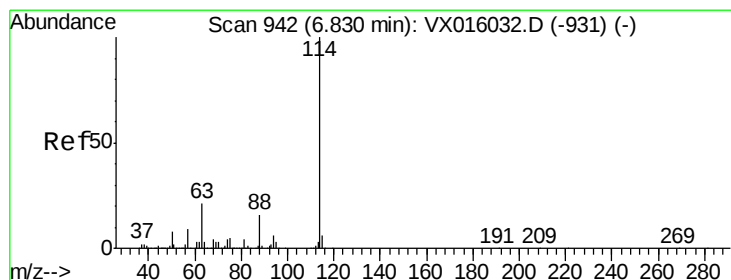
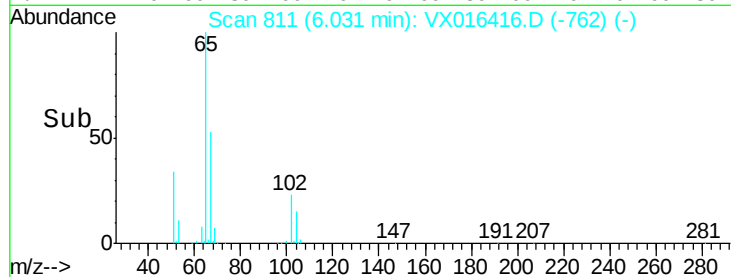
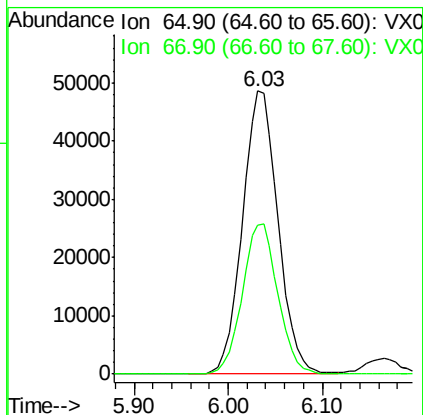
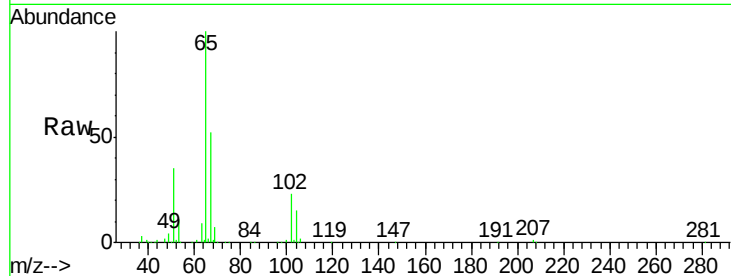




#33
 1,2-Dichloroethane-d4
 Concen: 46.099 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016416.D
 Acq: 22 May 2020 16:44

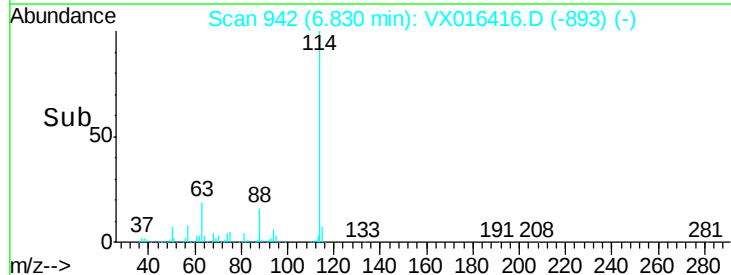
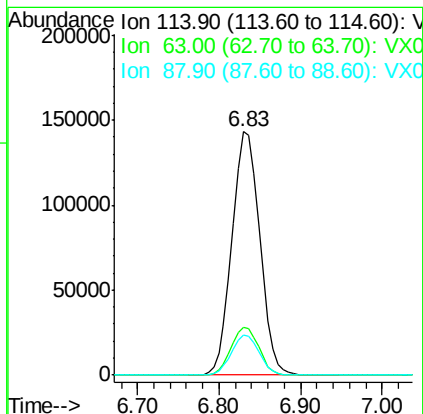
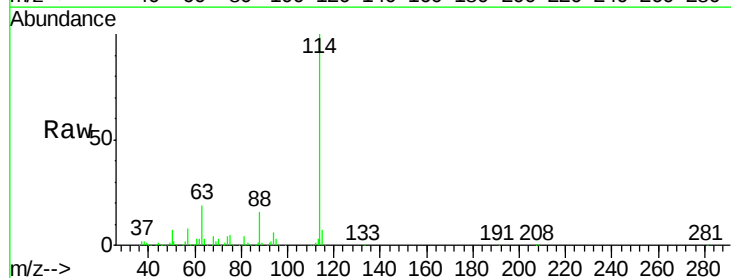
Instrument :
 MSVOA_X
 ClientSampled :

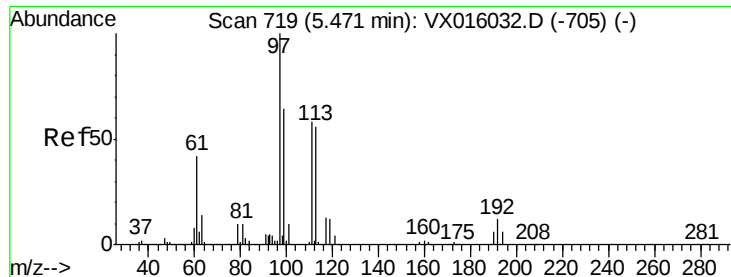
Tot Ion: 65 Resp: 128340
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016416.D
 Acq: 22 May 2020 16:44

Tgt Ion: 114 Resp: 338047
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 42.8
 88 16.5 0.0 31.4

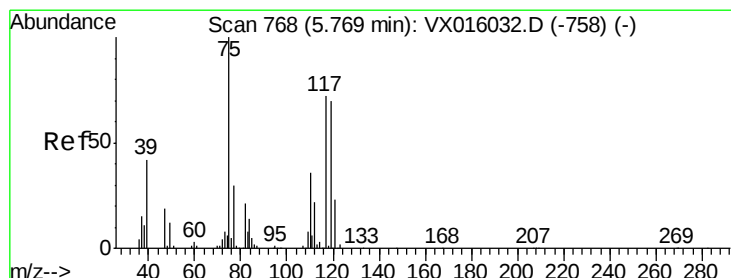
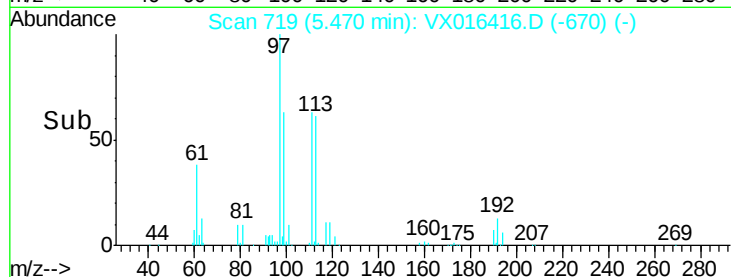
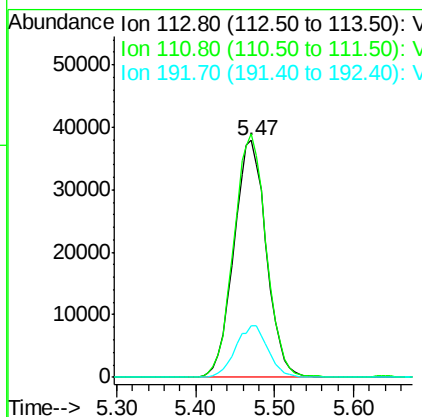
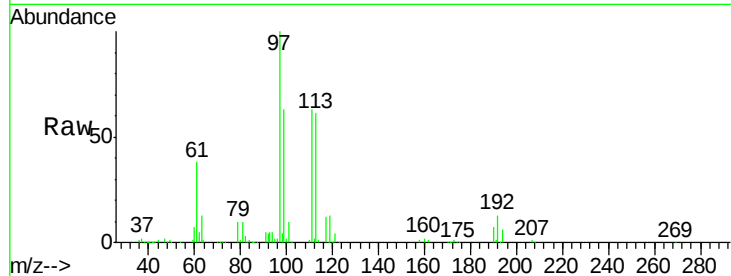




#35
Dibromofluoromethane
Concen: 50.652 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

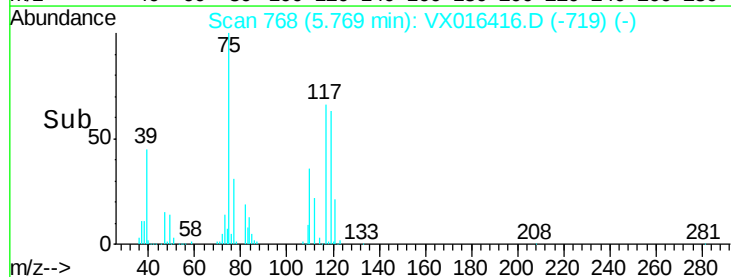
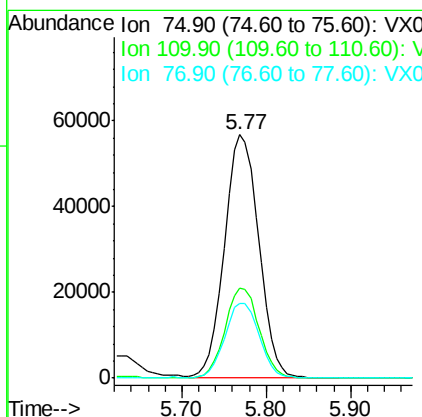
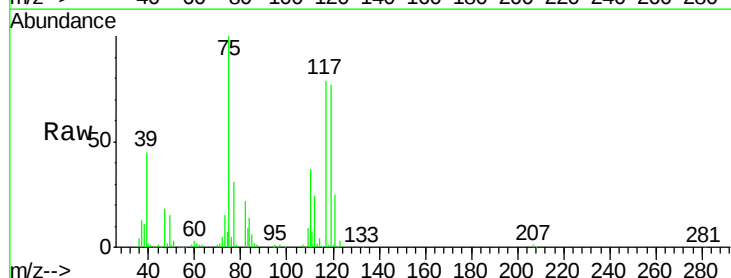
Instrument :
MSVOA_X
ClientSampled :

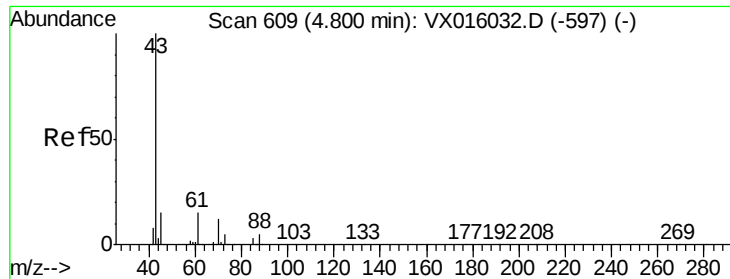
Tot Ion:113 Resp: 108479
Ion Ratio Lower Upper
113 100
111 102.6 81.6 122.4
192 21.8 17.0 25.4



#36
1,1-Dichloropropene
Concen: 46.927 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

Tgt Ion: 75 Resp: 156153
Ion Ratio Lower Upper
75 100
110 36.9 18.1 54.1
77 31.1 25.0 37.6

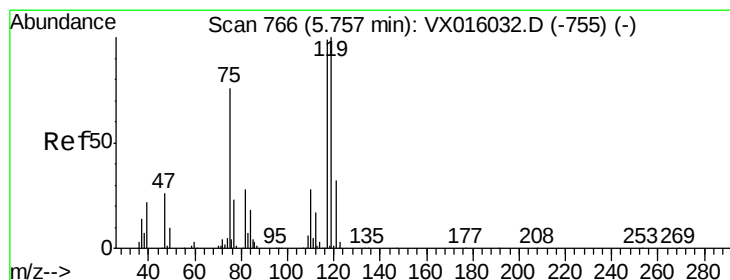
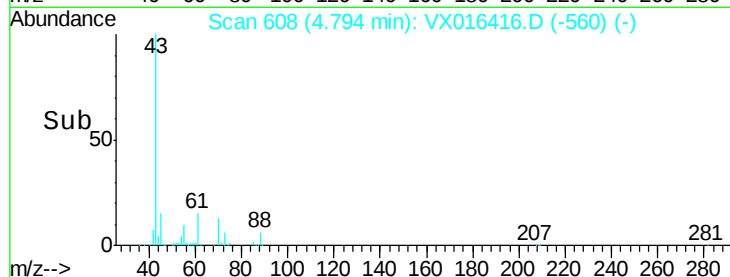
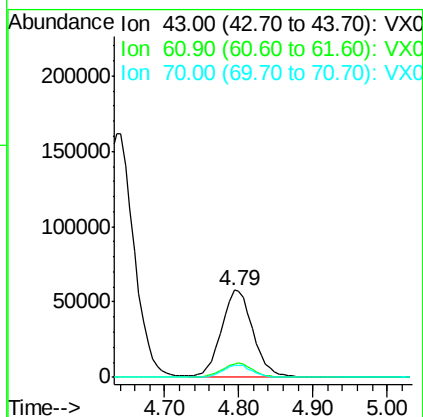
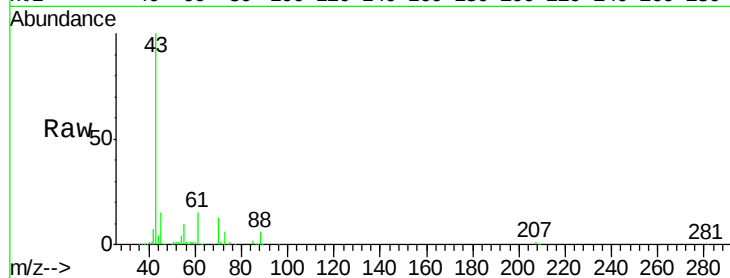




#37
Ethyl Acetate
Concen: 44.036 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

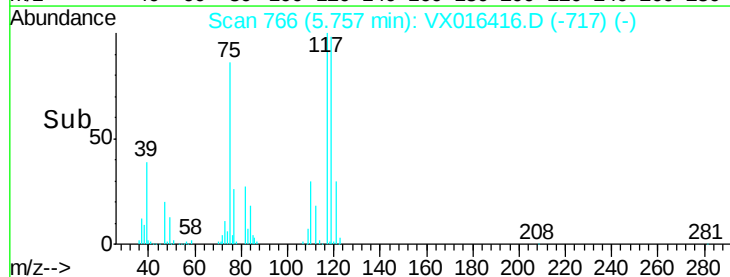
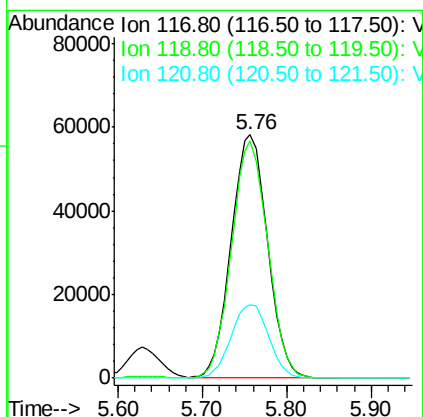
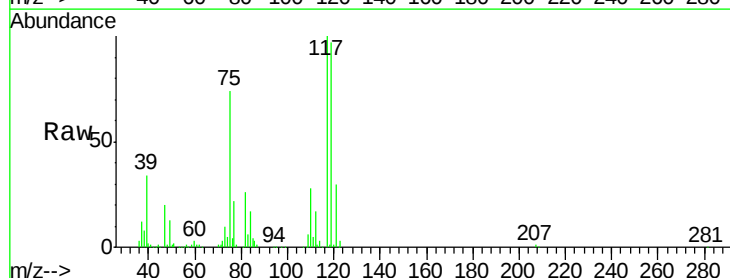
Instrument :
MSVOA_X
ClientSampled :

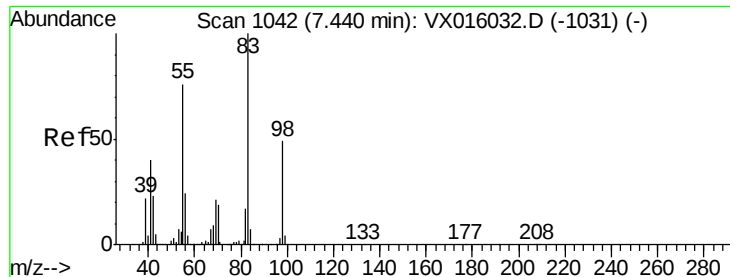
Tot Ion	43	Resp	169836
Ion Ratio	Lower	Upper	
43	100		
61	16.1	11.7	17.5
70	13.3	9.3	13.9



#38
Carbon Tetrachloride
Concen: 50.432 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

Tgt Ion	117	Resp	170575
Ion Ratio	Lower	Upper	
117	100		
119	97.2	80.3	120.5
121	30.2	25.7	38.5

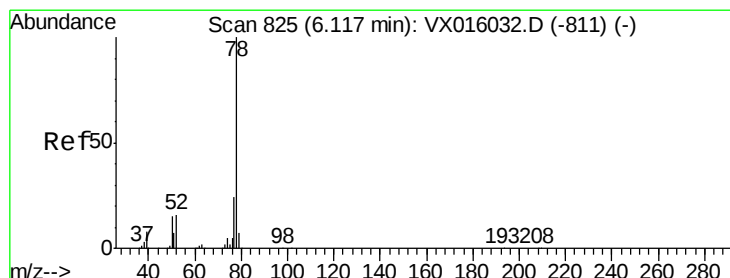
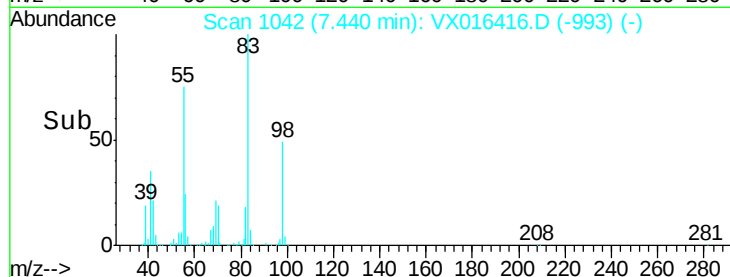
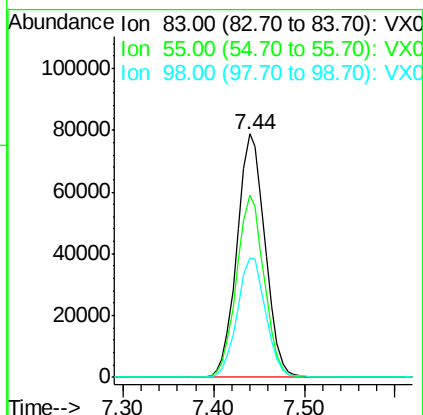
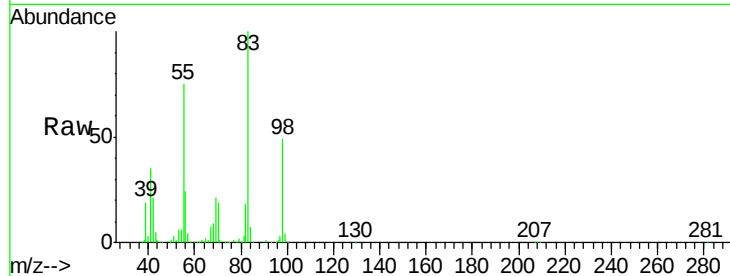




#39
Methvlcvclohexane
Concen: 42.191 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

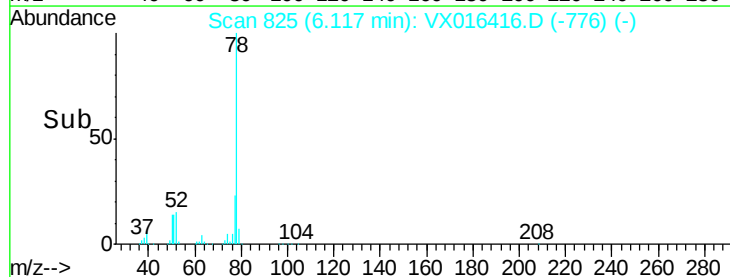
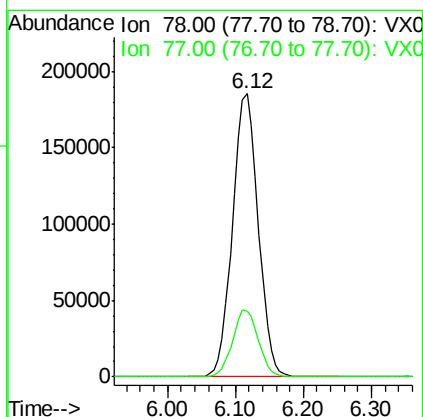
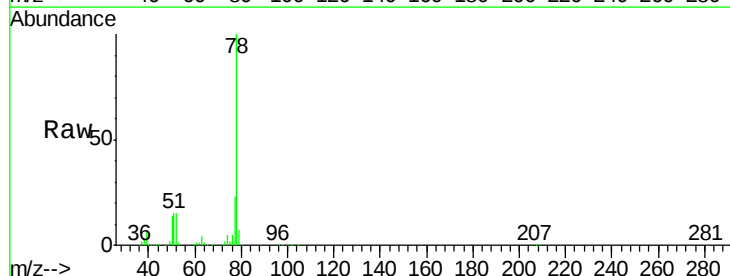
Instrument :
MSVOA_X
ClientSampleId :

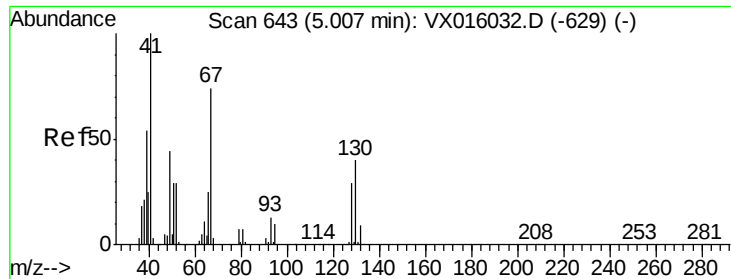
Tot Ion: 83 Resp: 169073
Ion Ratio Lower Upper
83 100
55 74.6 61.1 91.7
98 48.9 39.0 58.4



#40
Benzene
Concen: 49.951 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

Tgt Ion: 78 Resp: 486347
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.4

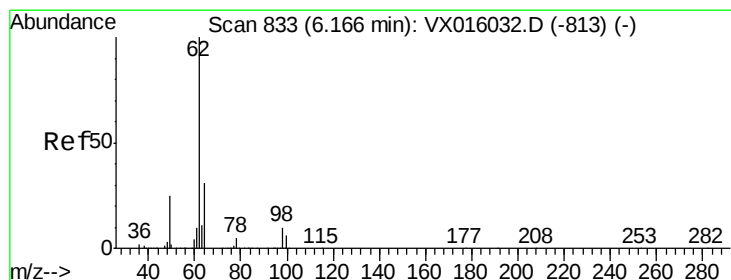
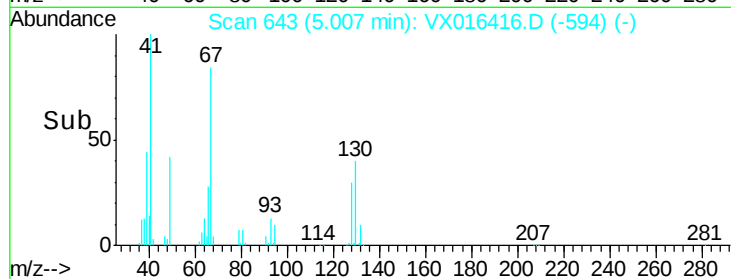
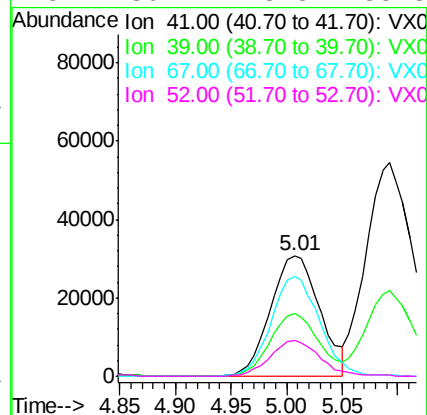
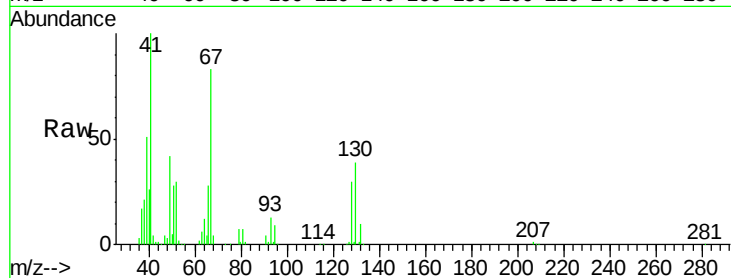




#41
Methacrylonitrile
Concen: 45.655 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

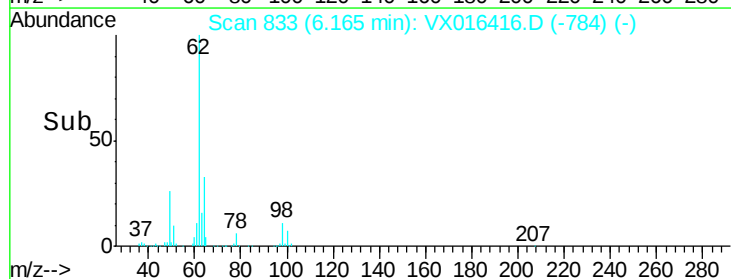
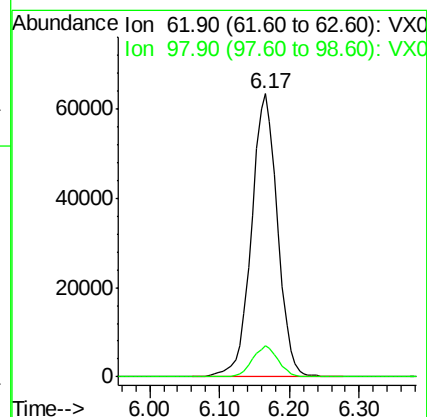
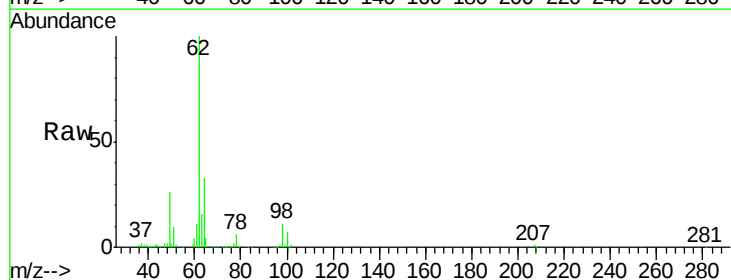
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	95093
Ion	Ratio	Lower	Upper
41	100		
39	51.5	43.2	64.8
67	81.8	59.3	88.9
52	30.2	23.5	35.3



#42
1,2-Dichloroethane
Concen: 46.677 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

Tgt Ion:	62	Resp:	163713
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	19.4



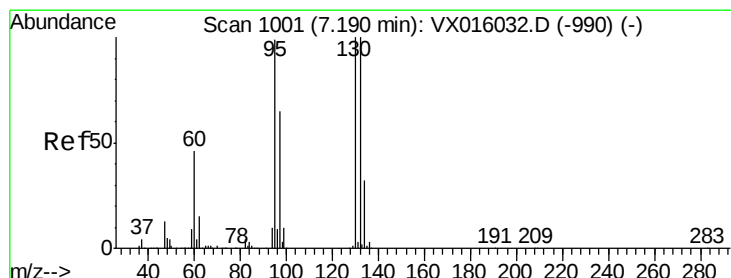
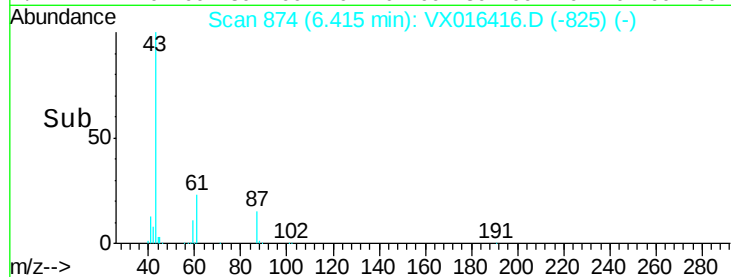
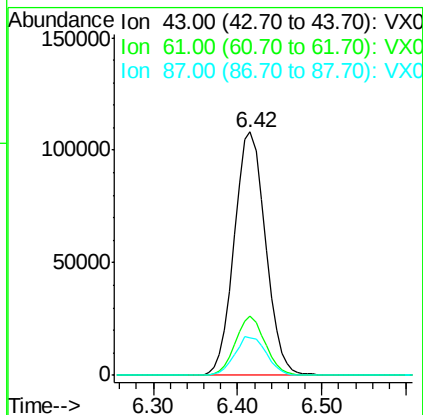
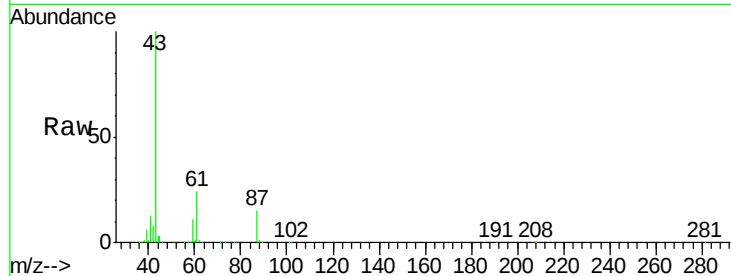


#43

Isopropyl Acetate
 Concen: 43.927 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016416.D
 Acq: 22 May 2020 16:44

Instrument :
 MSVOA_X
 ClientSampled :

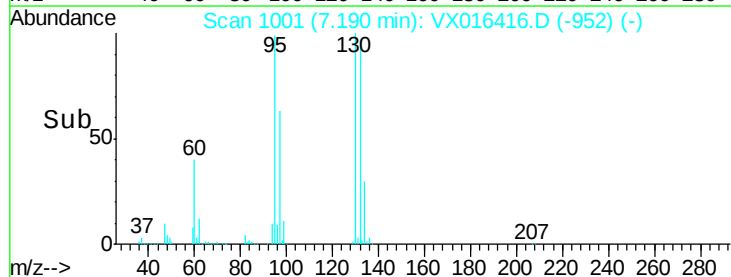
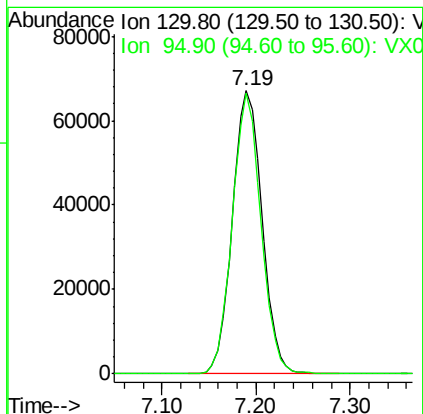
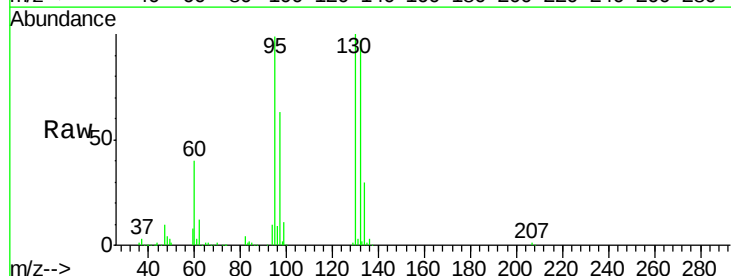
Tot Ion	43	Resp	270309
Ion	Ratio	Lower	Upper
43	100		
61	23.2	17.0	25.4
87	16.1	11.0	16.6

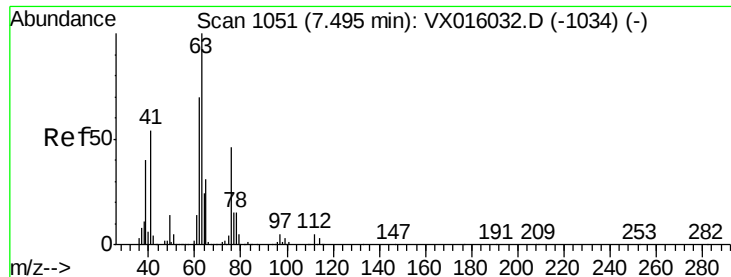


#44

Trichloroethene
 Concen: 42.447 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016416.D
 Acq: 22 May 2020 16:44

Tgt Ion	130	Resp	146823
Ion	Ratio	Lower	Upper
130	100		
95	99.1	0.0	197.4





#45

1,2-Dichloropropane

Concen: 49.546 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

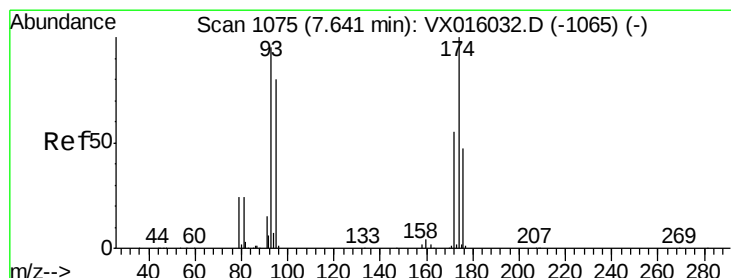
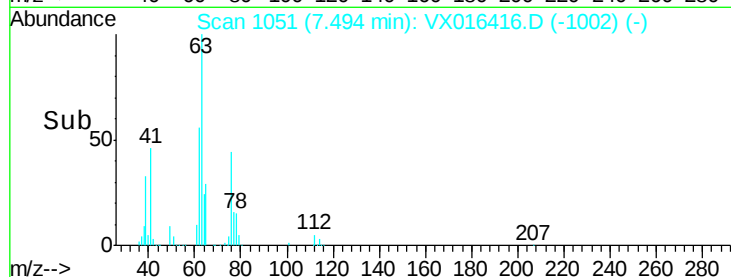
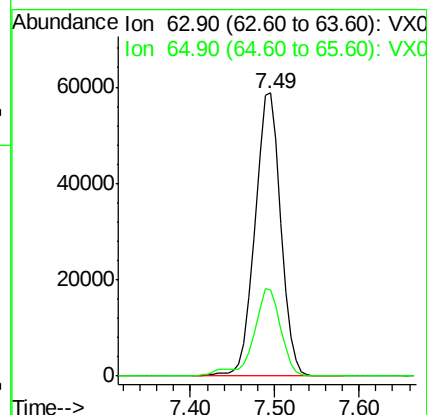
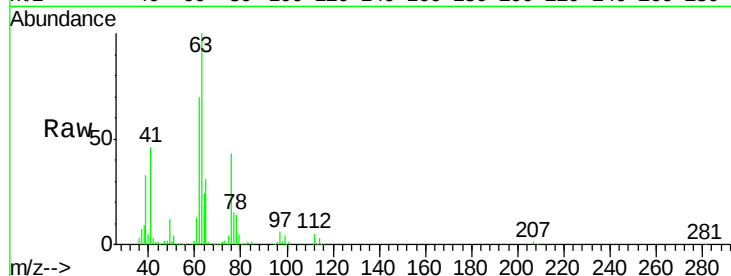
ClientSampleId :

Tot Ion: 63 Resp: 122063

Ion Ratio Lower Upper

63 100

65 30.7 24.4 36.6



#46

Dibromomethane

Concen: 49.994 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

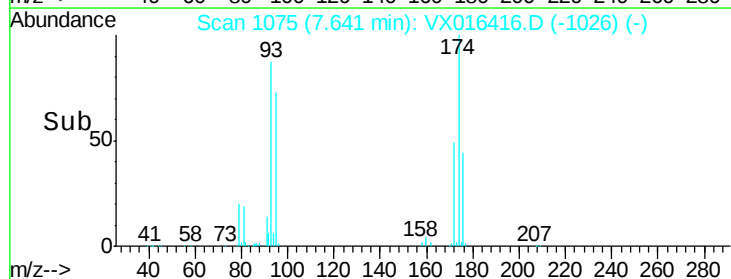
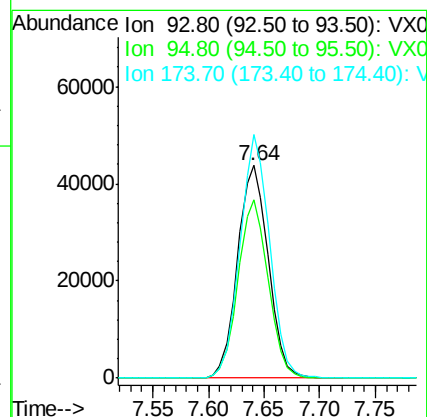
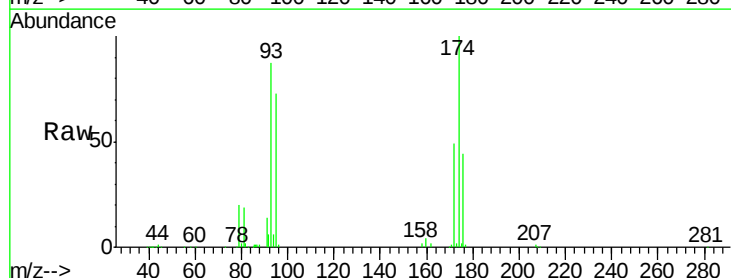
Tgt Ion: 93 Resp: 83701

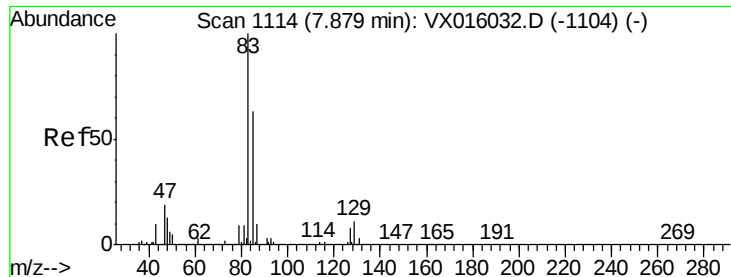
Ion Ratio Lower Upper

93 100

95 82.4 66.6 100.0

174 110.4 84.2 126.4





#47

Bromodichloromethane

Concen: 50.200 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :

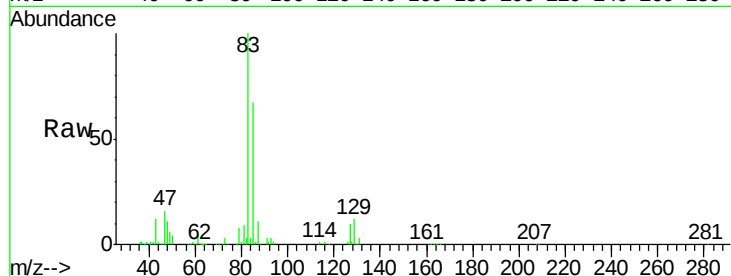
Tot Ion: 83 Resp: 171171

Ion Ratio Lower Upper

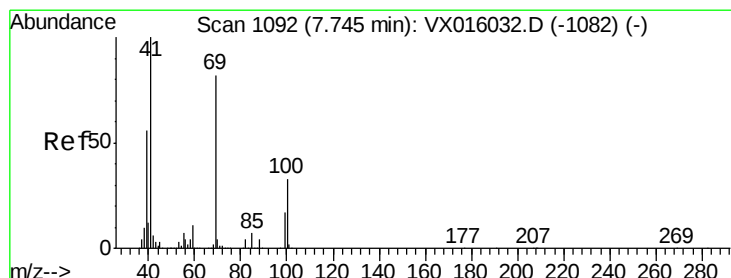
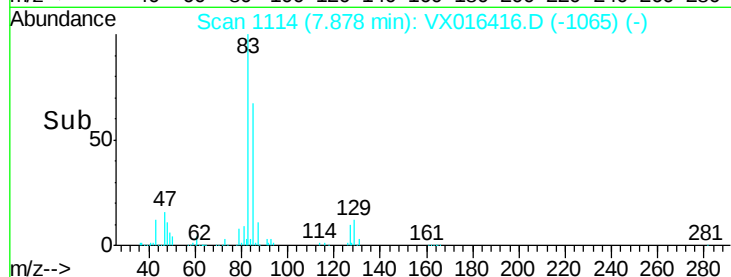
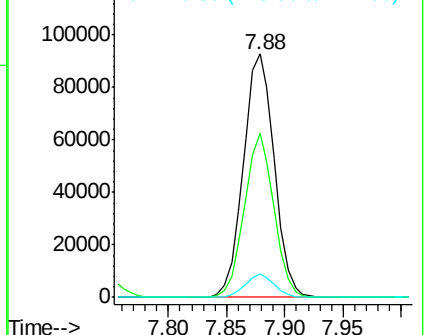
83 100

85 67.2 50.5 75.7

127 9.6 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 44.264 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

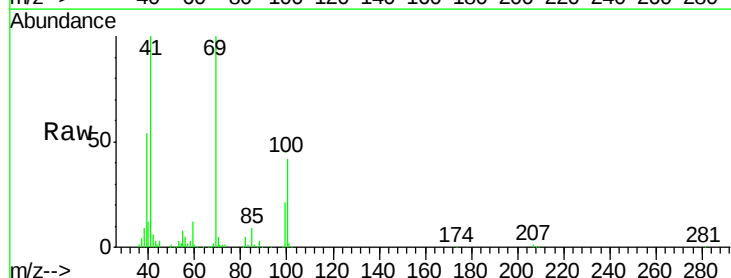
Tgt Ion: 41 Resp: 129069

Ion Ratio Lower Upper

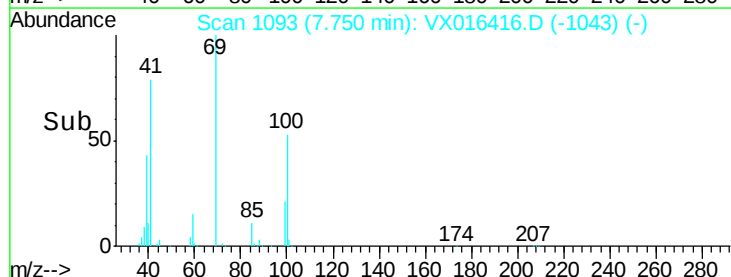
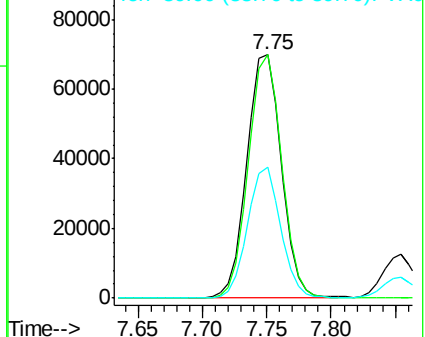
41 100

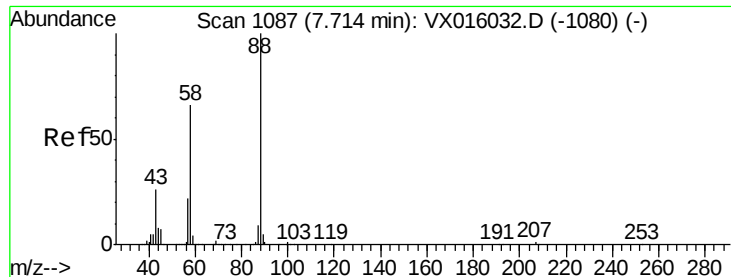
69 96.9 67.8 101.6

39 52.2 44.6 67.0



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





#49

1,4-Dioxane

Concen: 925.106 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :

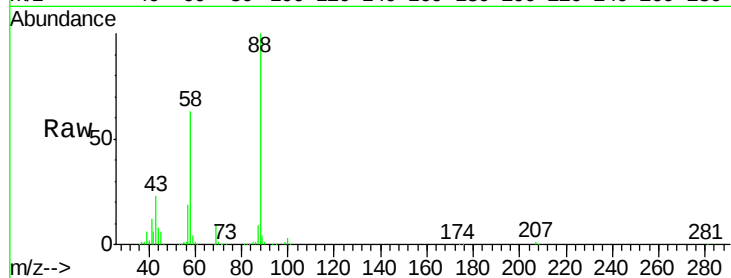
Tot Ion: 88 Resp: 64695

Ion Ratio Lower Upper

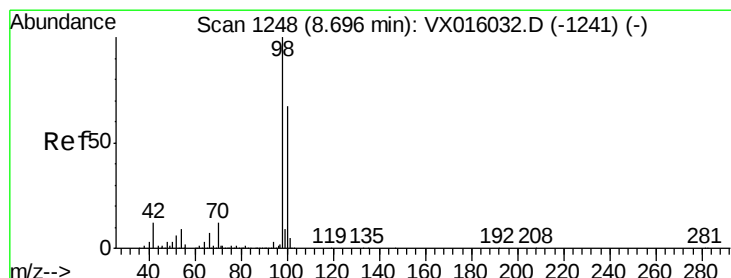
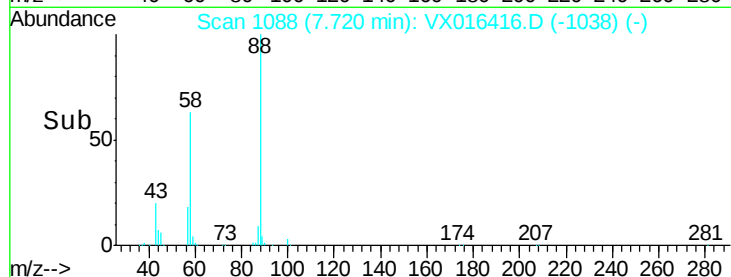
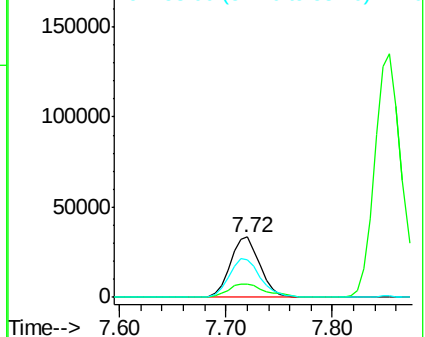
88 100

43 27.5 25.3 37.9

58 68.4 55.9 83.9



Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.230 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016416.D

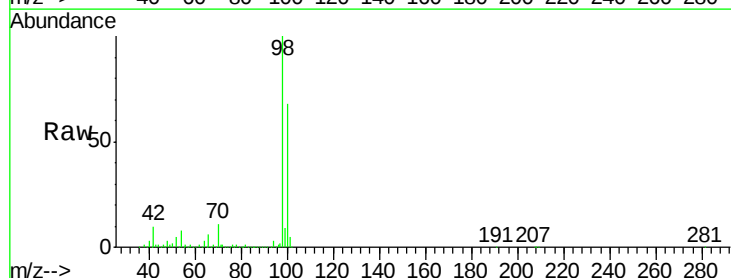
Acq: 22 May 2020 16:44

Tgt Ion: 98 Resp: 414495

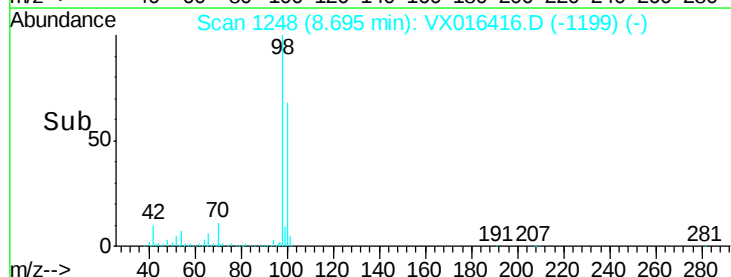
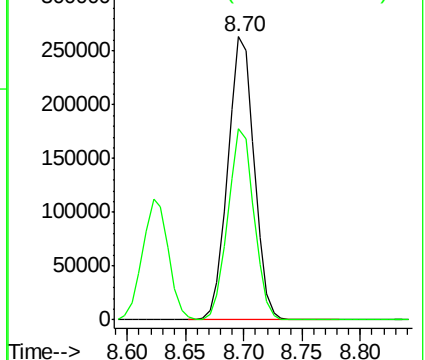
Ion Ratio Lower Upper

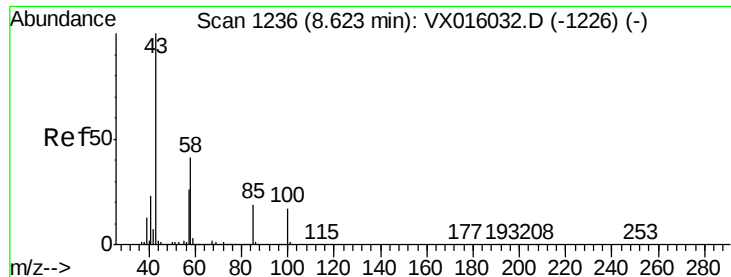
98 100

100 66.8 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 234.523 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

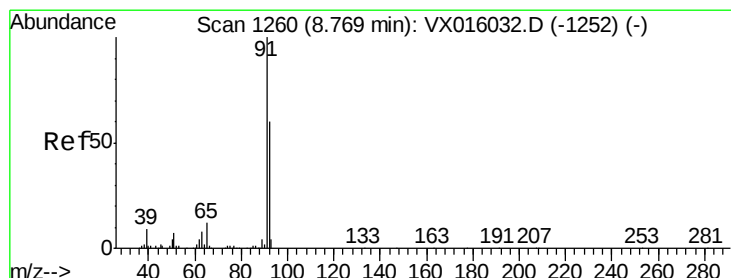
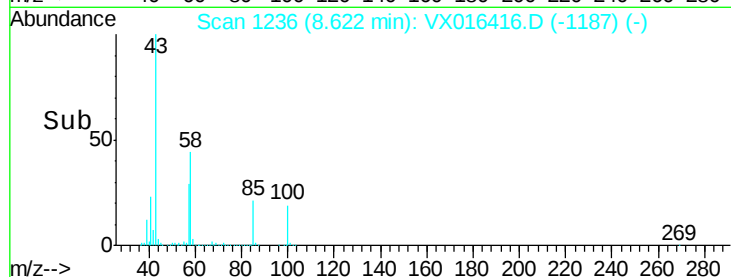
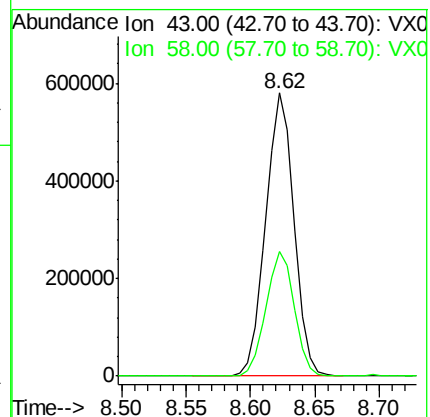
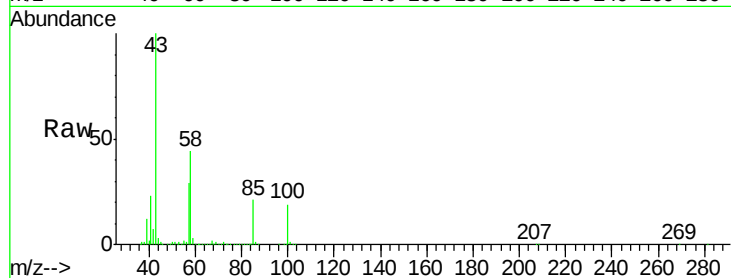
ClientSampleId :

Tot Ion: 43 Resp: 883133

Ion Ratio Lower Upper

43 100

58 44.2 33.0 49.4



#52

Toluene

Concen: 51.347 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016416.D

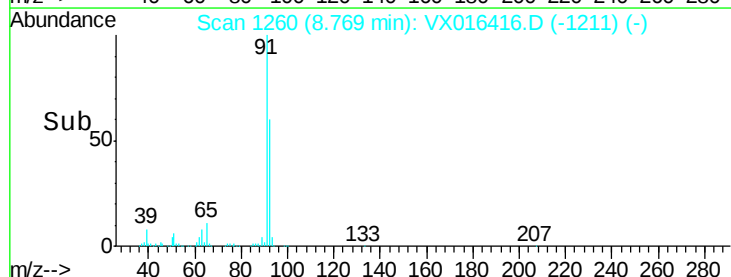
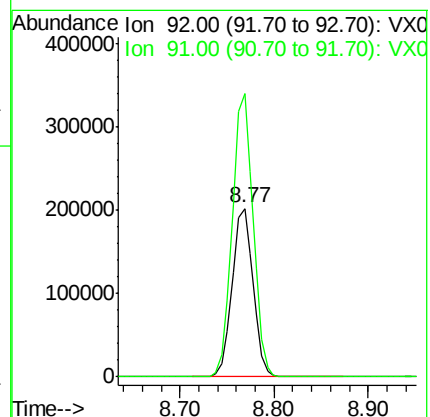
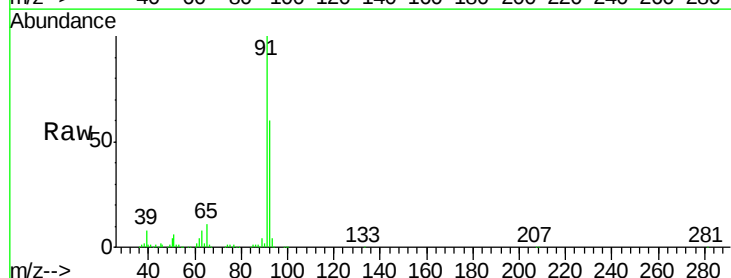
Acq: 22 May 2020 16:44

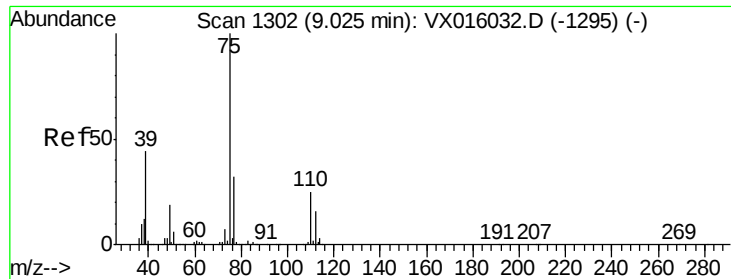
Tgt Ion: 92 Resp: 311618

Ion Ratio Lower Upper

92 100

91 167.6 134.5 201.7

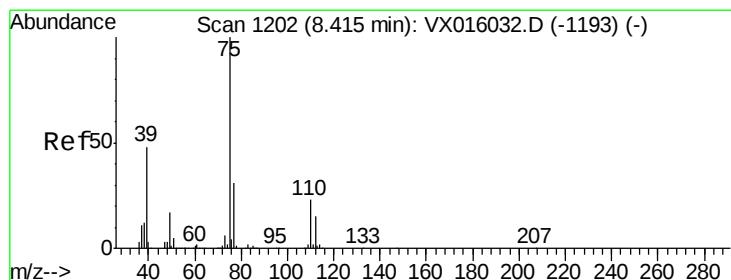
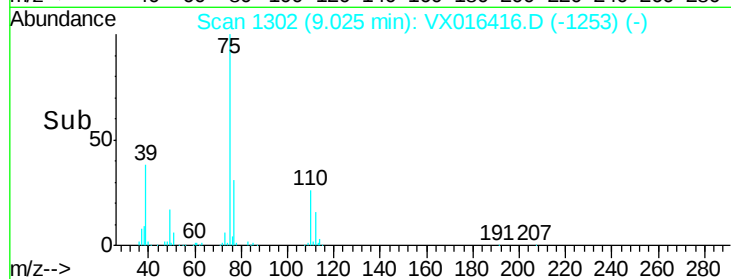
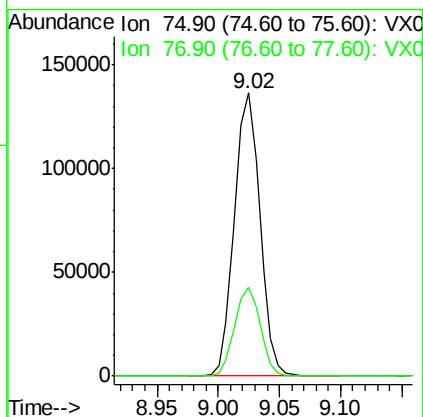
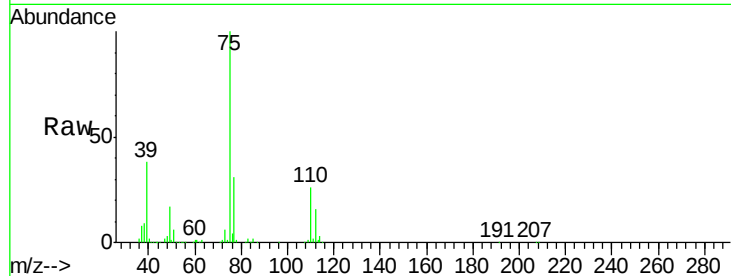




#53
t-1,3-Dichloropropene
Concen: 48.473 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

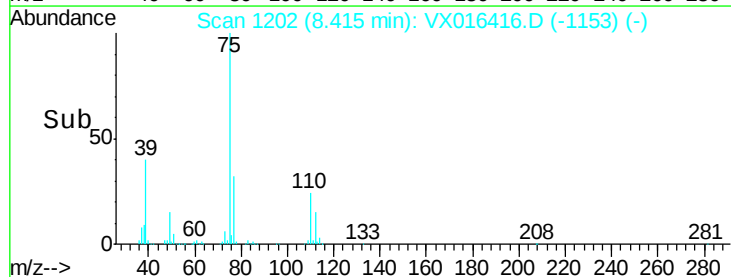
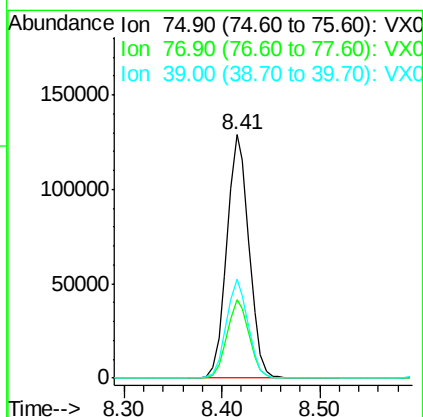
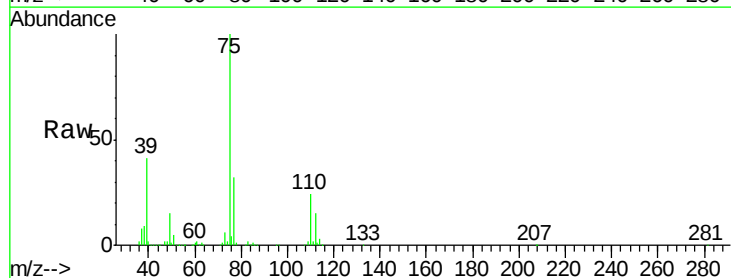
Instrument :
MSVOA_X
ClientSampled :

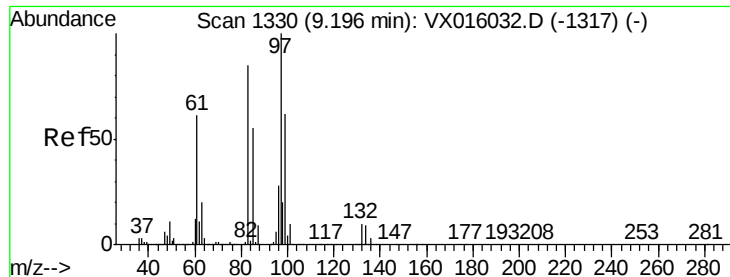
Tot Ion: 75 Resp: 197069
Ion Ratio Lower Upper
75 100
77 31.4 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 47.690 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

Tgt Ion: 75 Resp: 202516
Ion Ratio Lower Upper
75 100
77 32.5 24.7 37.1
39 40.5 38.7 58.1



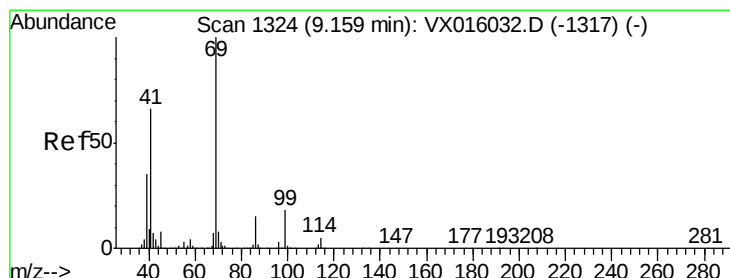
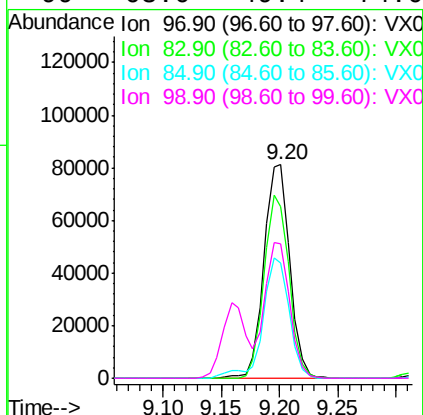
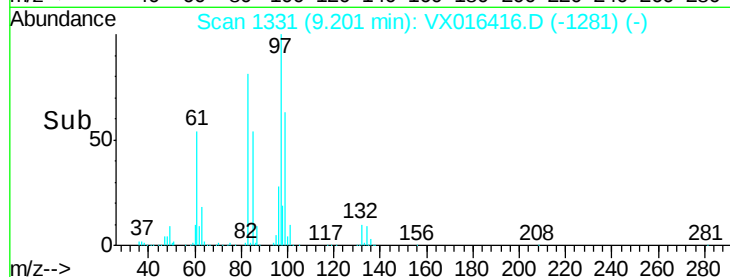
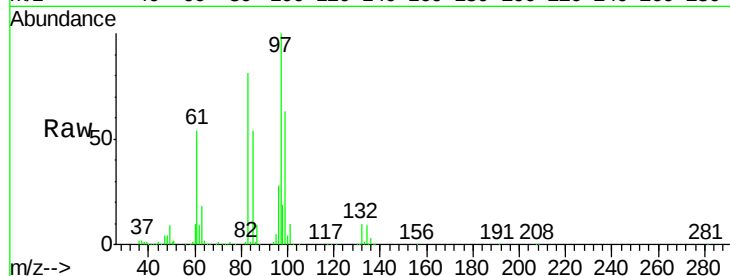


#55
 1,1,2-Trichloroethane
 Concen: 52.507 ug/l
 RT: 9.20 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VX016416.D
 Acq: 22 May 2020 16:44

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 125372

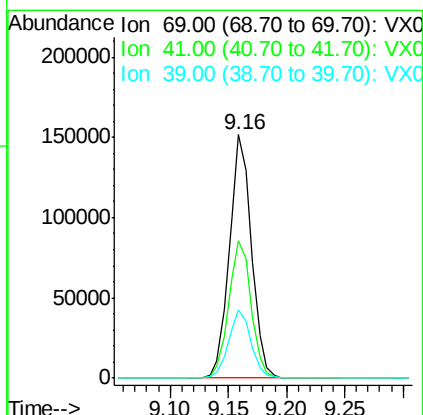
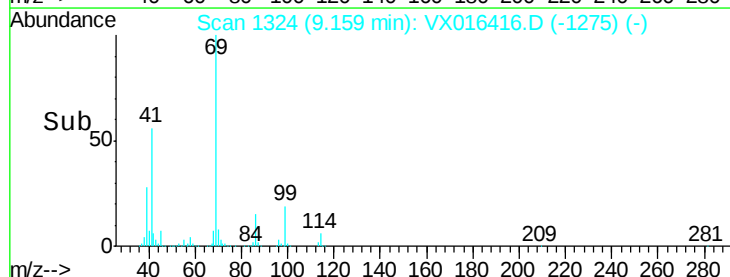
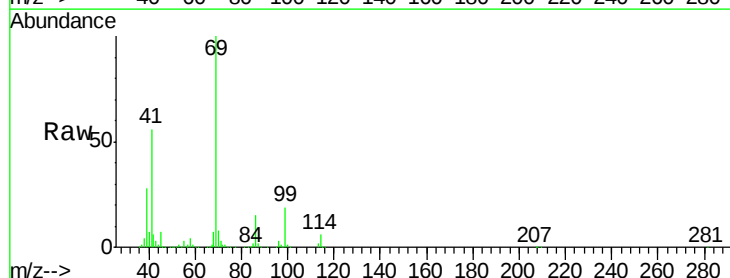
Ion	Ratio	Lower	Upper
97	100		
83	80.5	67.8	101.8
85	53.8	43.8	65.8
99	63.0	49.4	74.0

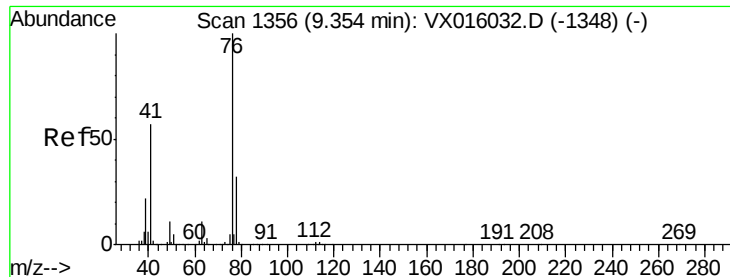


#56
 Ethyl methacrylate
 Concen: 51.179 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016416.D
 Acq: 22 May 2020 16:44

Tgt Ion: 69 Resp: 199468

Ion	Ratio	Lower	Upper
69	100		
41	57.4	52.2	78.4
39	28.4	28.2	42.4





#57

1,3-Dichloropropane

Concen: 50.200 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

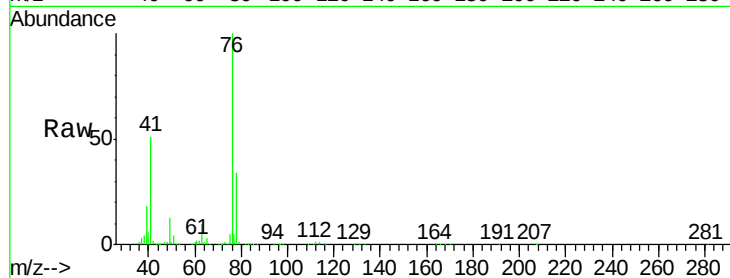
ClientSampleId :

Tot Ion: 76 Resp: 209150

Ion Ratio Lower Upper

76 100

78 33.1 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

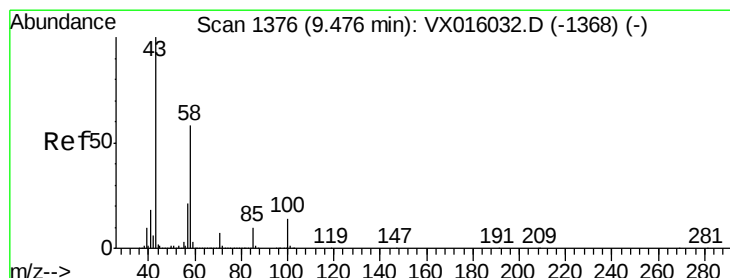
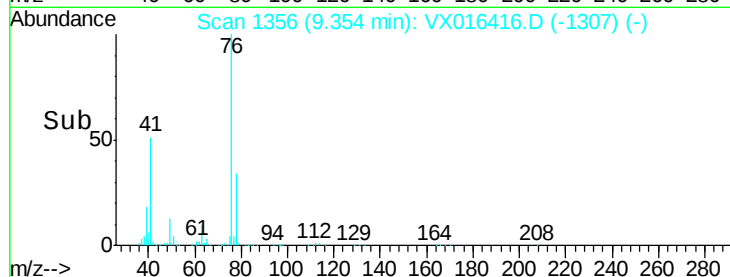
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 233.413 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX016416.D

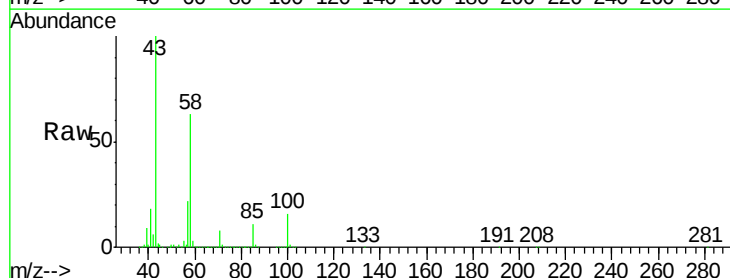
Acq: 22 May 2020 16:44

Tgt Ion: 43 Resp: 690264

Ion Ratio Lower Upper

43 100

58 61.9 28.6 85.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.48

600000

500000

400000

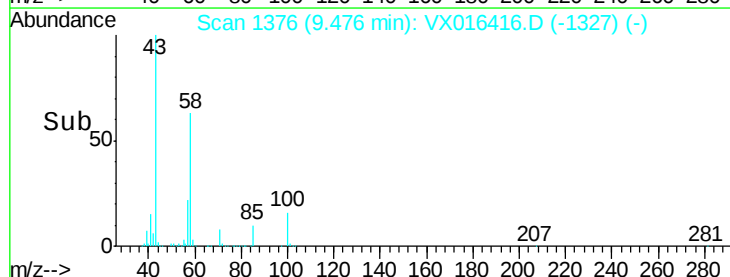
300000

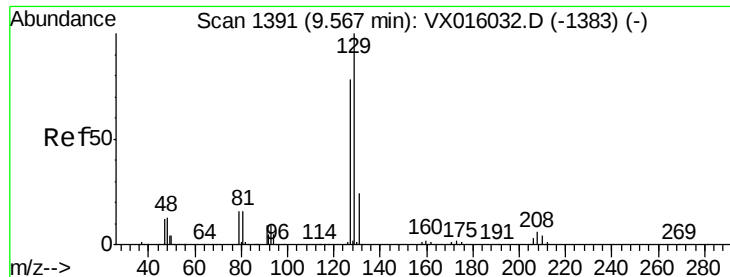
200000

100000

0

Time-->

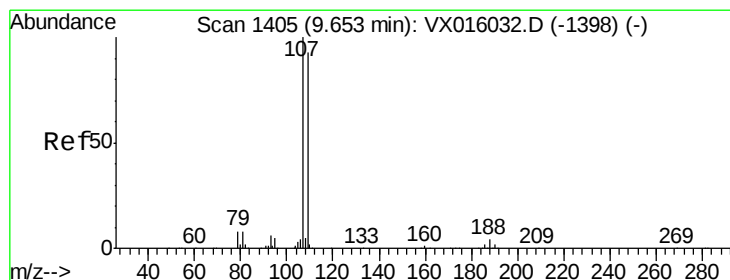
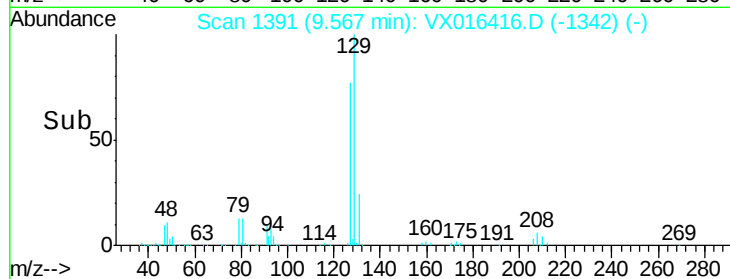
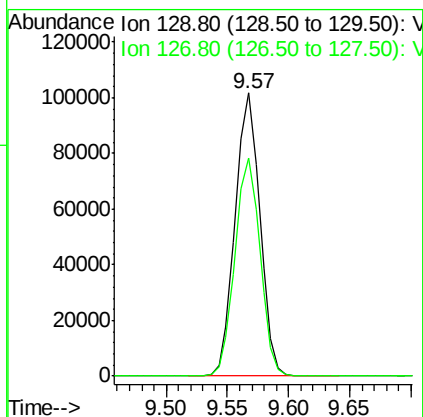
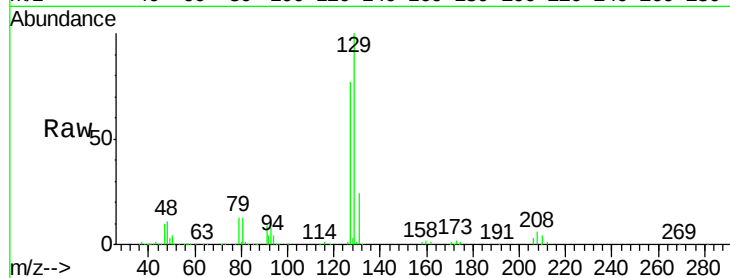




#60
 Dibromochloromethane
 Concen: 54.354 ug/l
 RT: 9.57 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX016416.D
 Acq: 22 May 2020 16:44

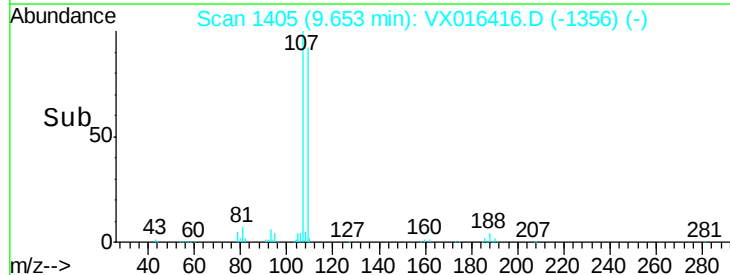
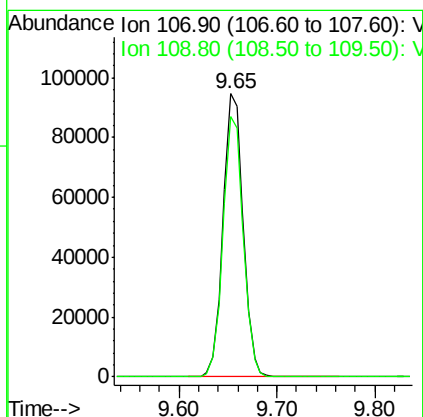
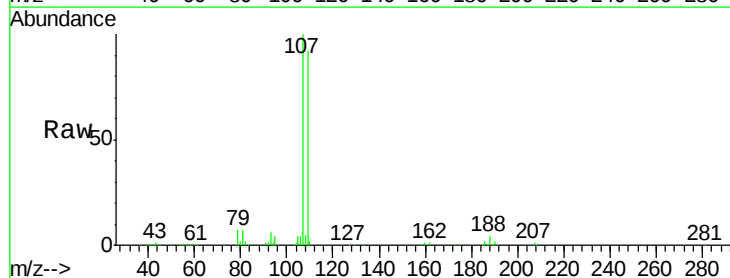
Instrument :
 MSVOA_X
 ClientSampleId :

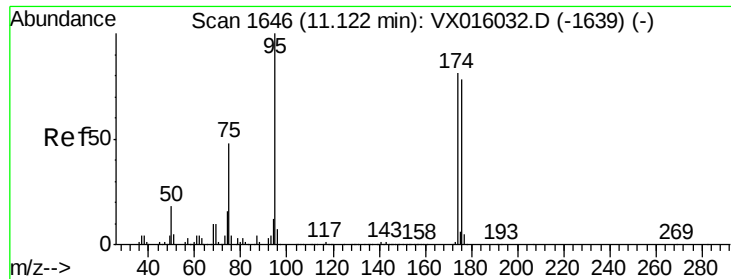
Tot Ion:129 Resp: 142935
 Ion Ratio Lower Upper
 129 100
 127 78.0 38.4 115.2



#61
 1,2-Dibromoethane
 Concen: 52.196 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016416.D
 Acq: 22 May 2020 16:44

Tgt Ion:107 Resp: 134996
 Ion Ratio Lower Upper
 107 100
 109 92.9 74.9 112.3





#62

4-Bromofluorobenzene

Concen: 52.541 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

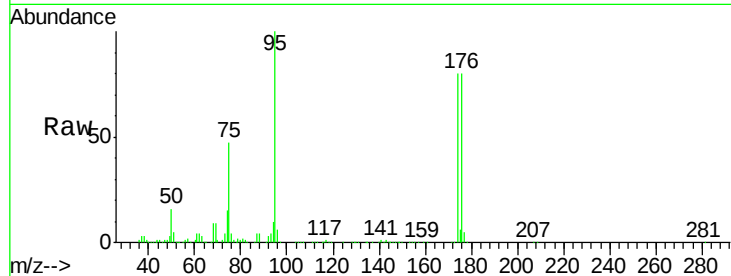
Tot Ion: 95 Resp: 164908

Ion Ratio Lower Upper

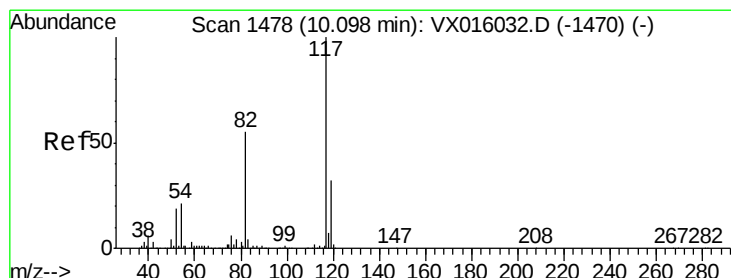
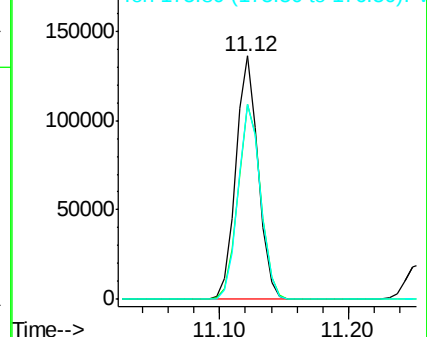
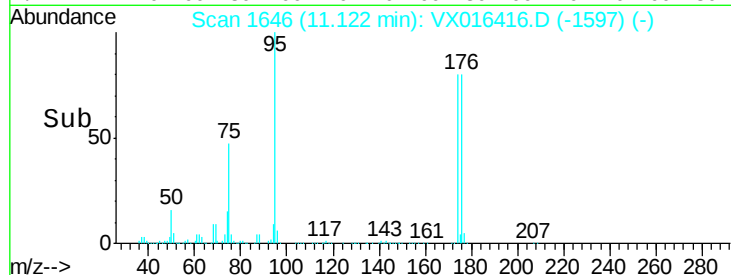
95 100

174 81.5 0.0 159.4

176 80.6 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX016416.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

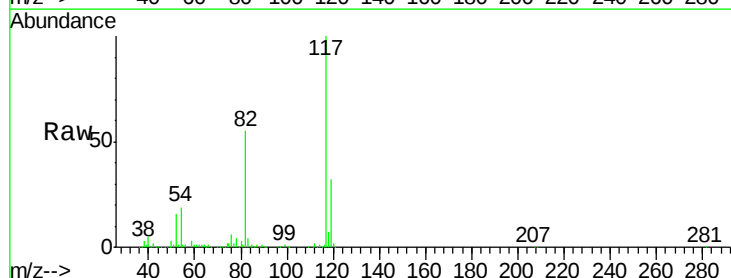
Tgt Ion: 117 Resp: 316939

Ion Ratio Lower Upper

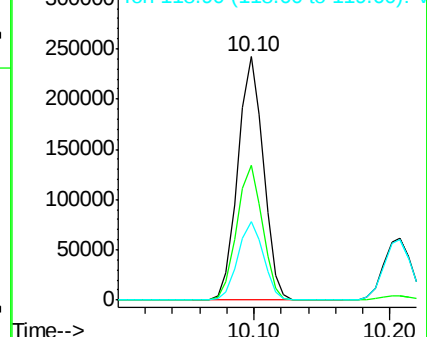
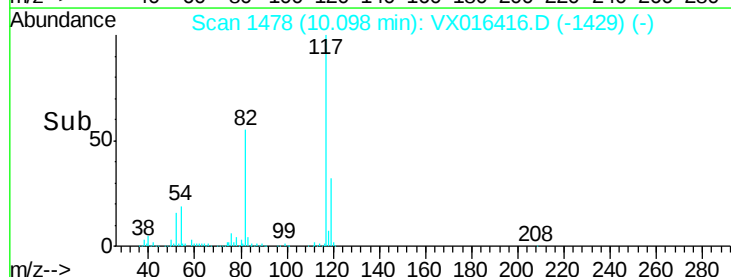
117 100

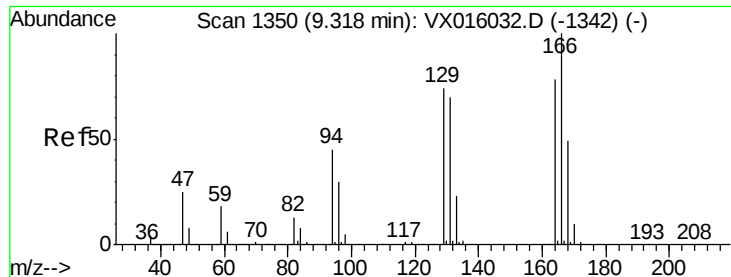
82 55.4 44.4 66.6

119 32.3 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VX016416.D (-1429) (-)





#64

Tetrachloroethene

Concen: 41.418 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 161151

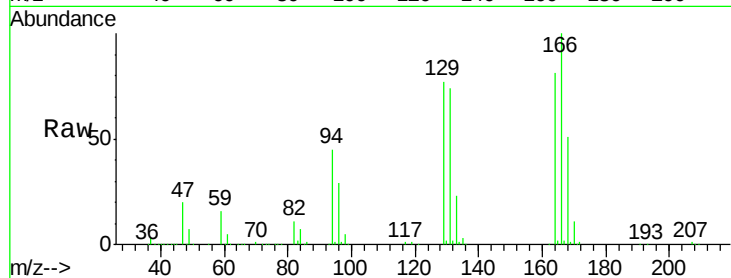
Ion Ratio Lower Upper

164 100

166 123.5 102.9 154.3

129 94.5 76.1 114.1

131 91.9 71.9 107.9

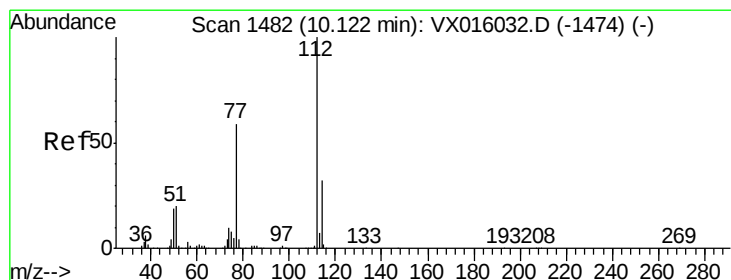
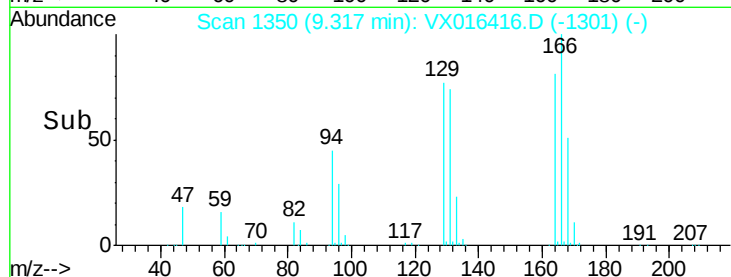
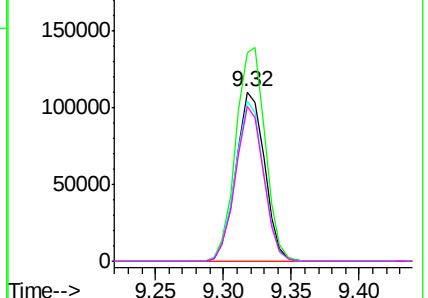


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 50.633 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016416.D

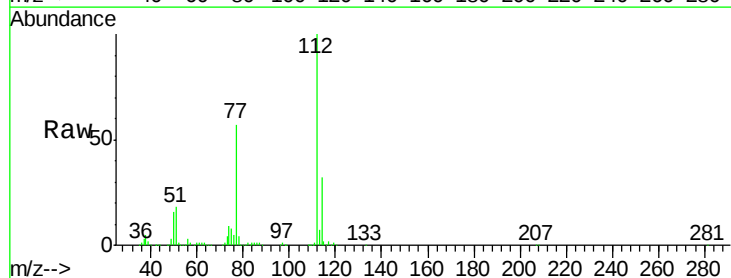
Acq: 22 May 2020 16:44

Tgt Ion:112 Resp: 336019

Ion Ratio Lower Upper

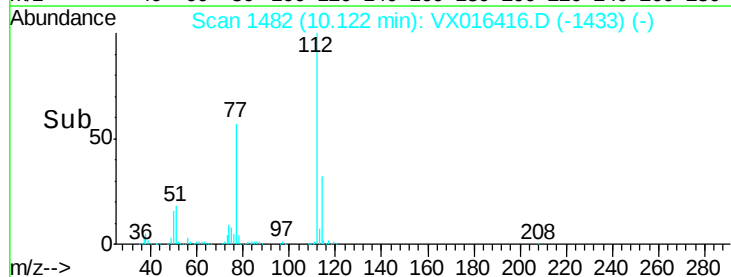
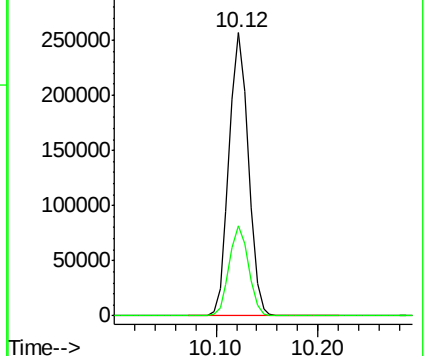
112 100

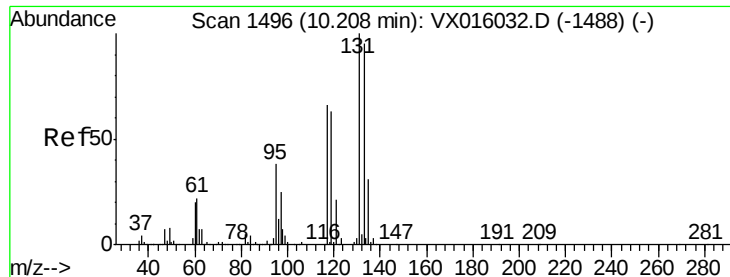
114 31.8 25.7 38.5



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: 52.915 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

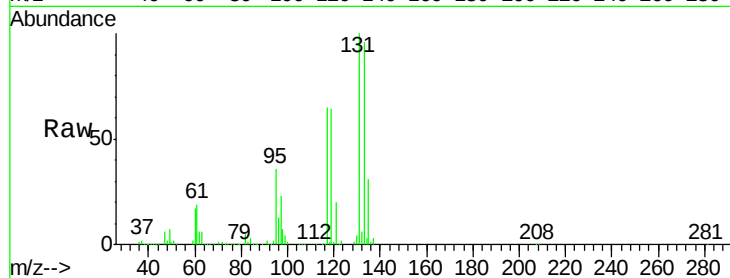
Tot Ion:131 Resp: 129792

Ion Ratio Lower Upper

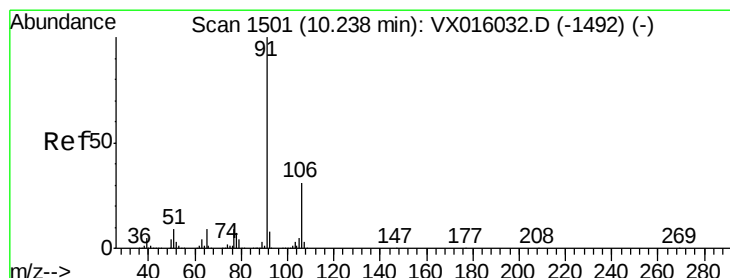
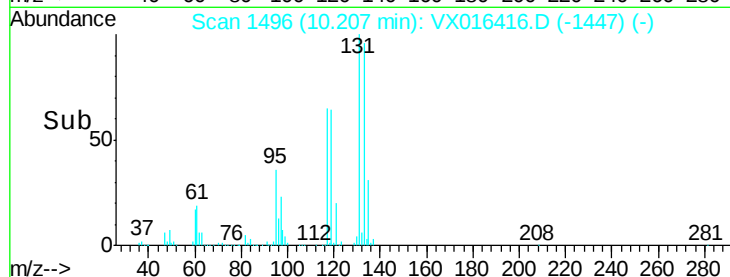
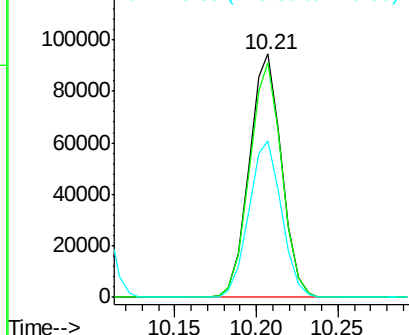
131 100

133 96.2 48.3 144.8

119 64.8 32.3 96.9



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: 49.877 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016416.D

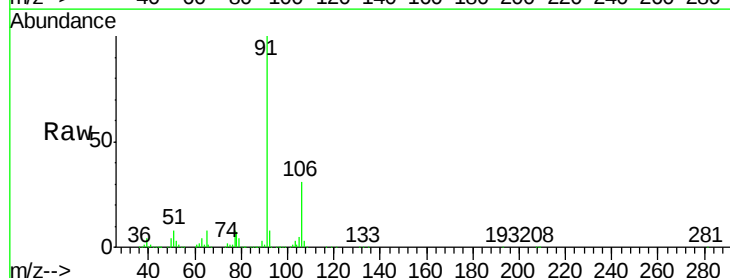
Acq: 22 May 2020 16:44

Tgt Ion: 91 Resp: 590584

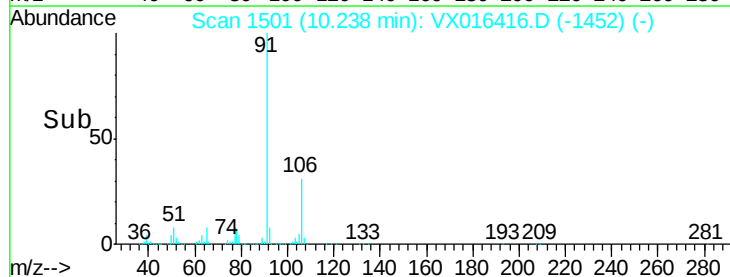
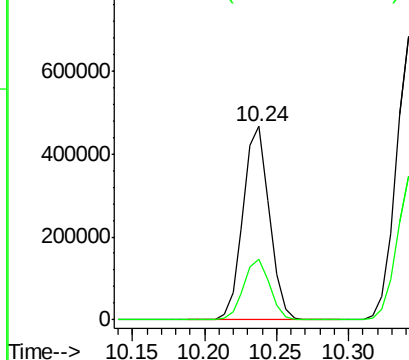
Ion Ratio Lower Upper

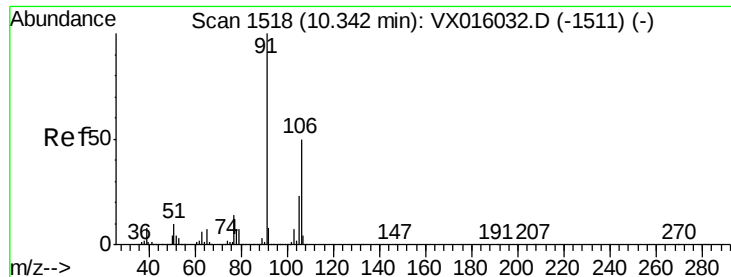
91 100

106 31.4 25.1 37.7



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





#68

m/p-Xylenes

Concen: 102.841 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

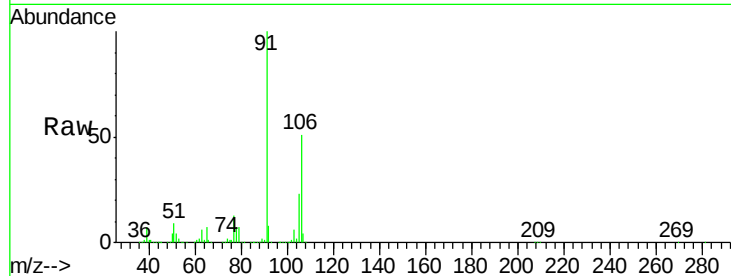
ClientSampleId :

Tot Ion:106 Resp: 456240

Ion Ratio Lower Upper

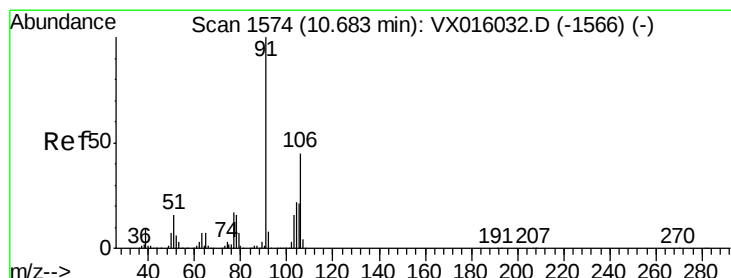
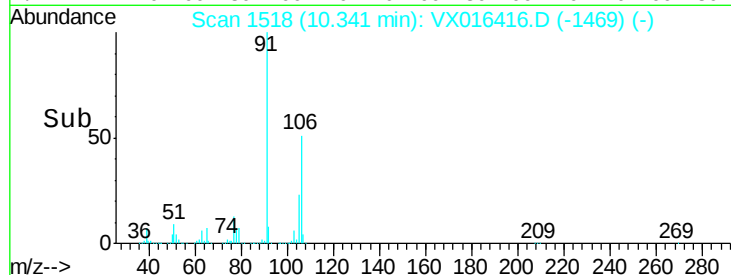
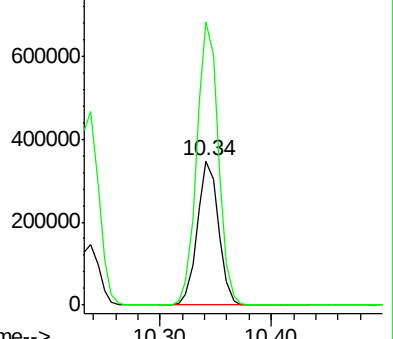
106 100

91 199.9 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 51.584 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX016416.D

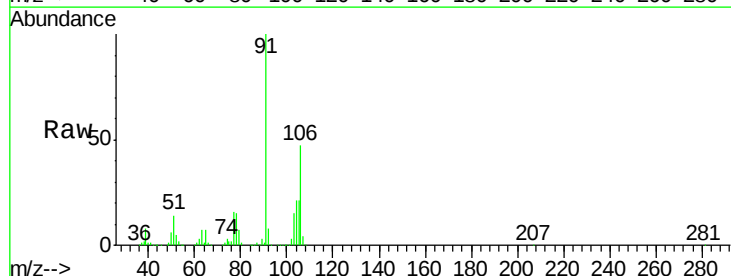
Acq: 22 May 2020 16:44

Tgt Ion:106 Resp: 219975

Ion Ratio Lower Upper

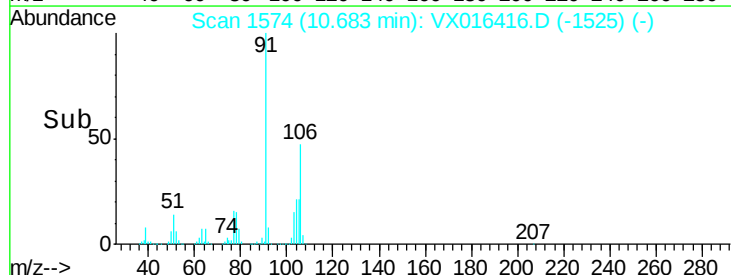
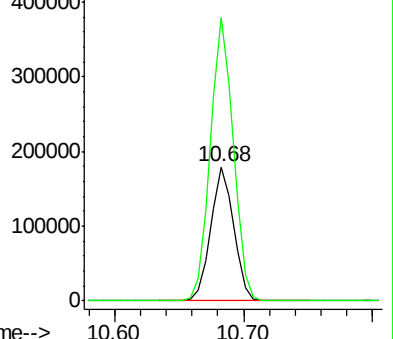
106 100

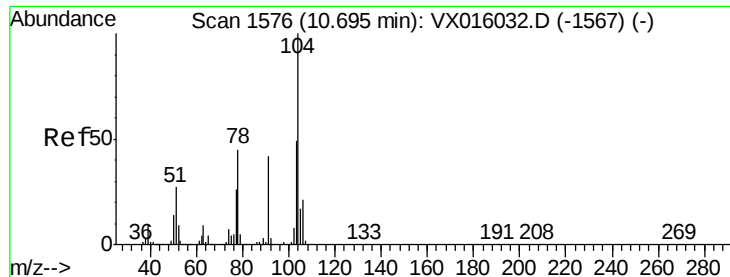
91 212.7 107.5 322.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

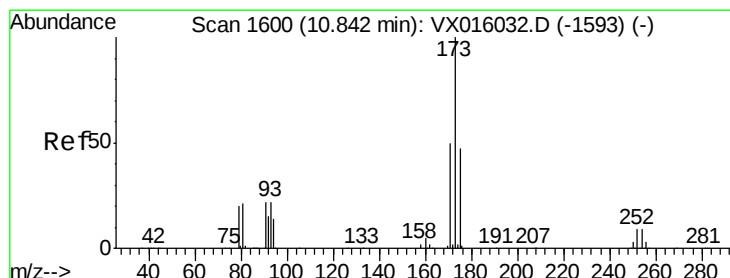
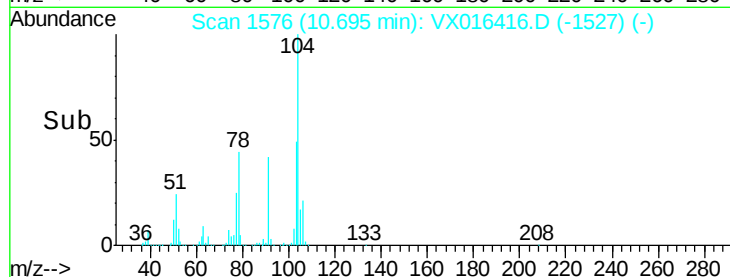
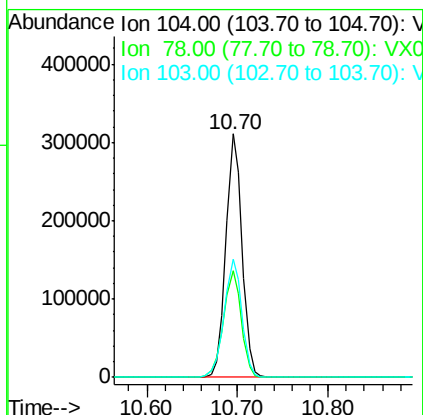
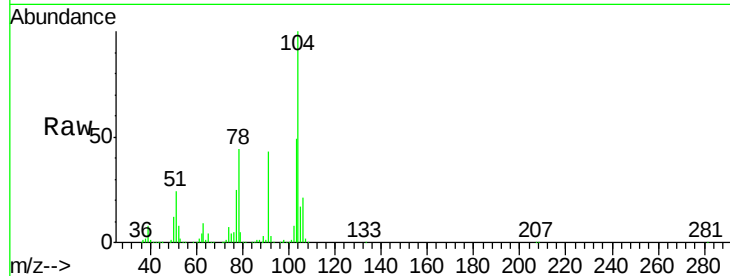




#70
Stvrene
Concen: 53.277 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

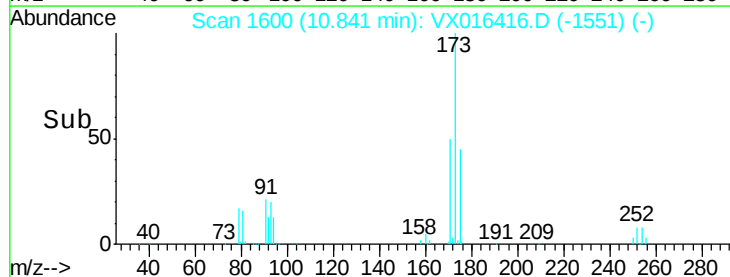
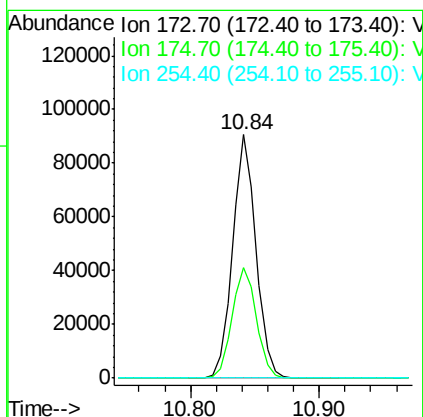
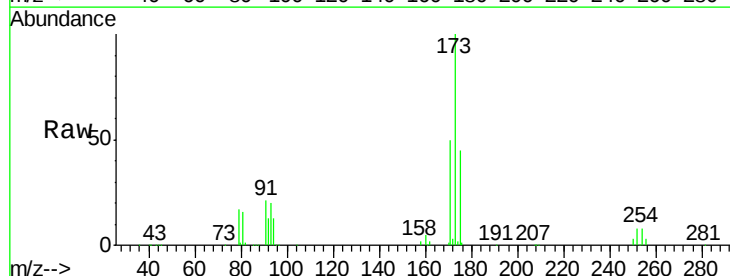
Instrument :
MSVOA_X
ClientSampleId :

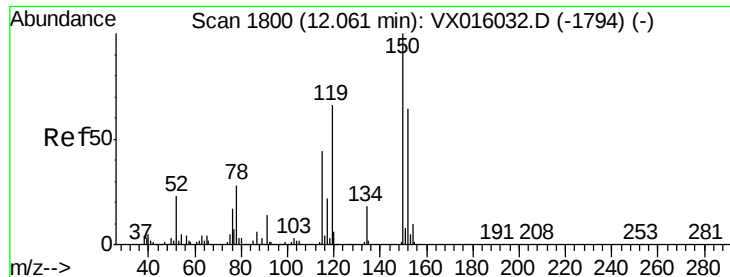
Tot Ion:104 Resp: 385432
Ion Ratio Lower Upper
104 100
78 48.7 40.2 60.2
103 53.4 43.0 64.6



#71
Bromoform
Concen: 57.145 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

Tgt Ion:173 Resp: 114200
Ion Ratio Lower Upper
173 100
175 47.6 24.0 72.0
254 0.1 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

ClientSampled :

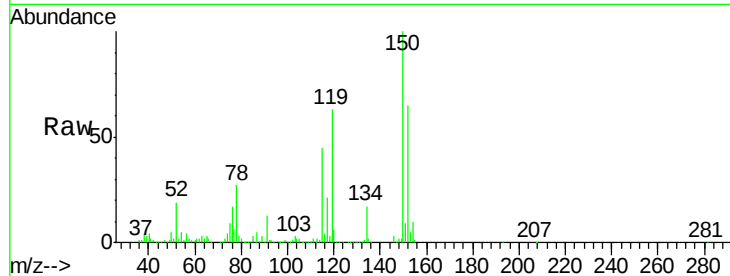
Tot Ion:152 Resp: 165932

Ion Ratio Lower Upper

152 100

115 81.1 41.3 124.1

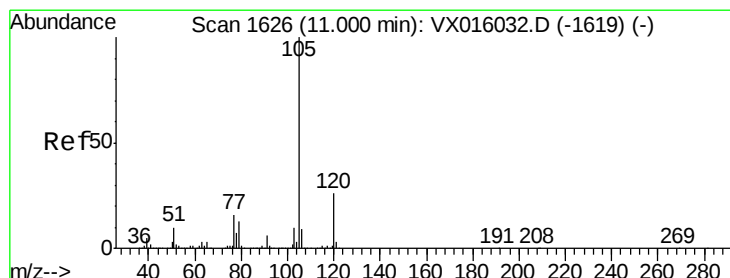
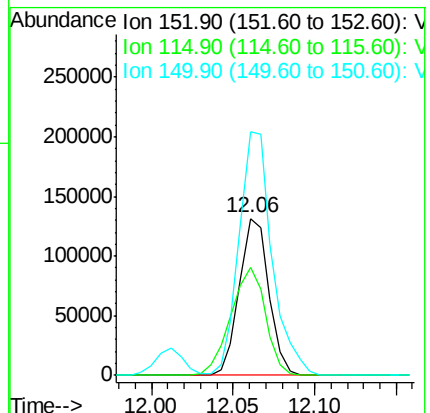
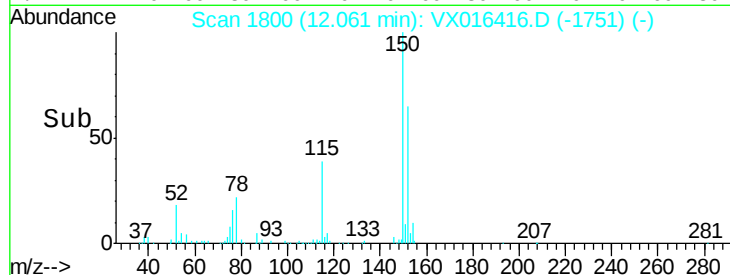
150 174.5 0.0 352.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 47.732 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016416.D

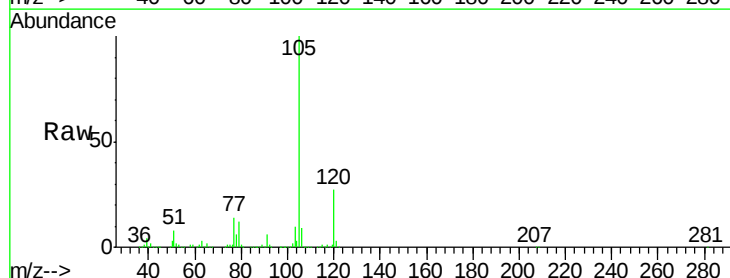
Acq: 22 May 2020 16:44

Tgt Ion:105 Resp: 576081

Ion Ratio Lower Upper

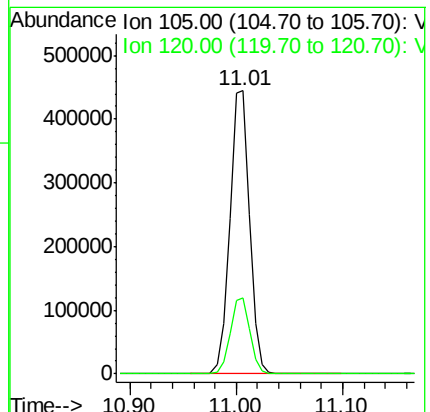
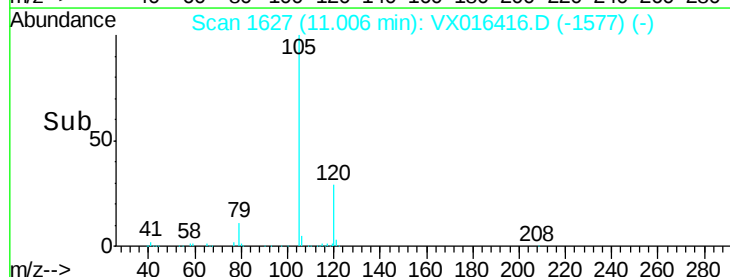
105 100

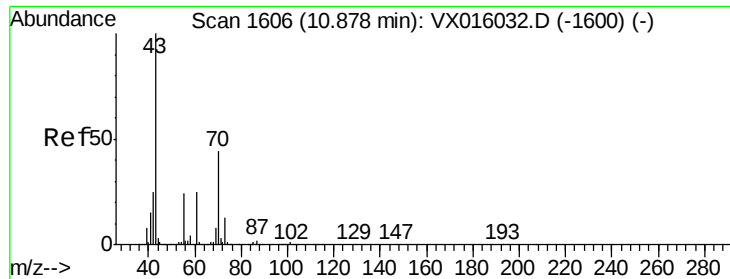
120 26.5 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 41.191 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 231886

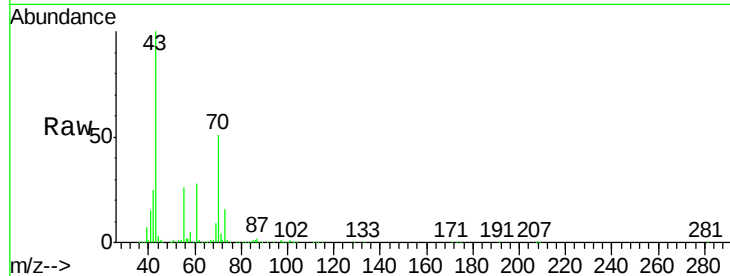
Ion Ratio Lower Upper

43 100

70 50.9 36.5 54.7

55 26.8 19.7 29.5

61 28.0 20.9 31.3

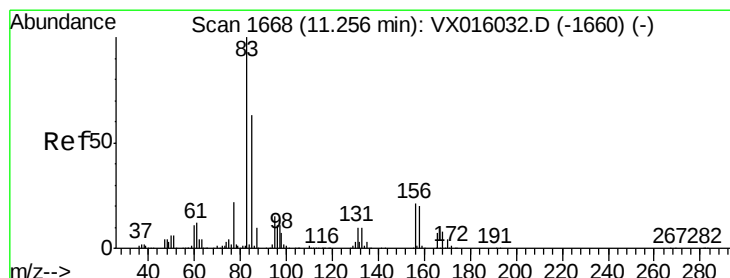
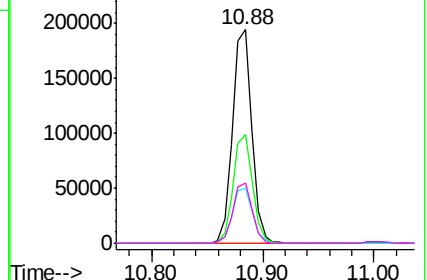
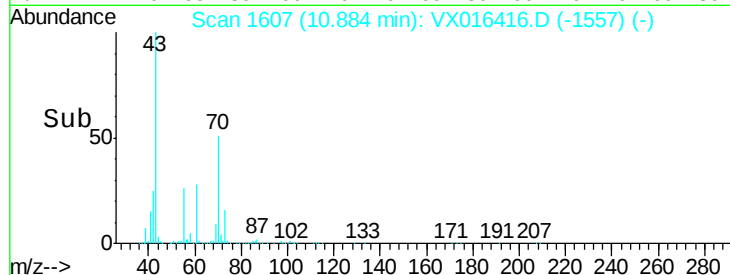


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 66.259 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

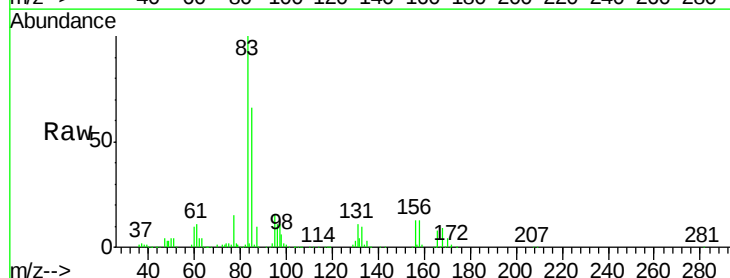
Tgt Ion: 83 Resp: 163484

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.4

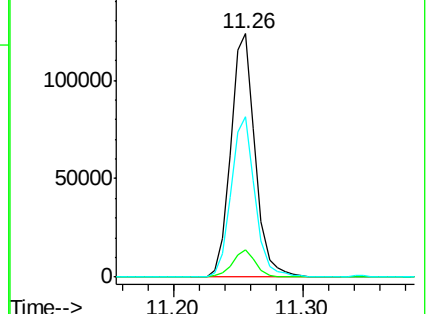
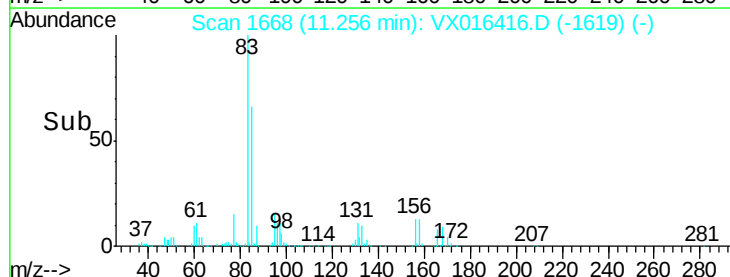
85 65.0 32.0 96.0

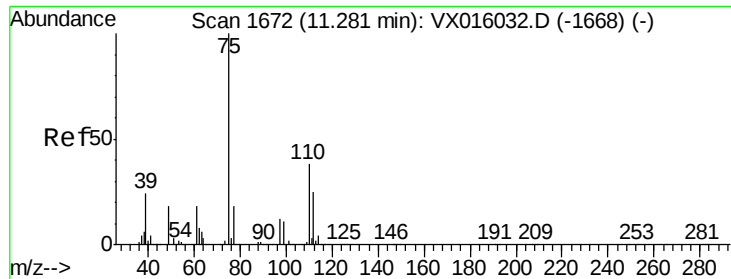


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 64.057 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

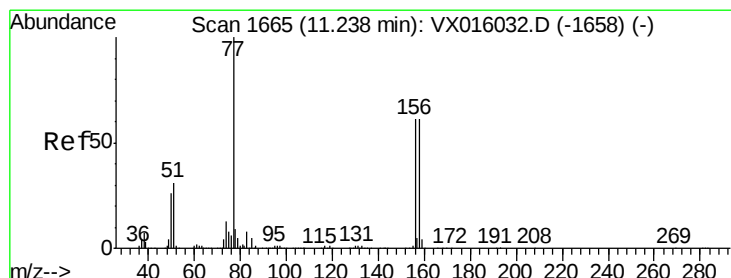
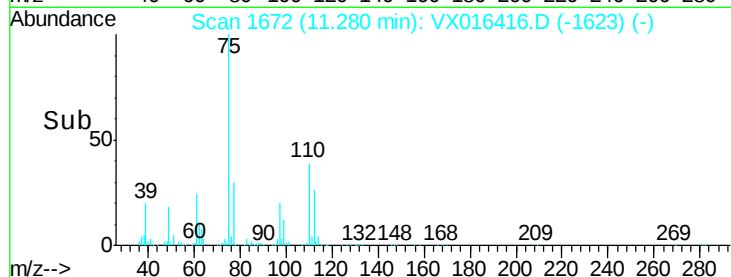
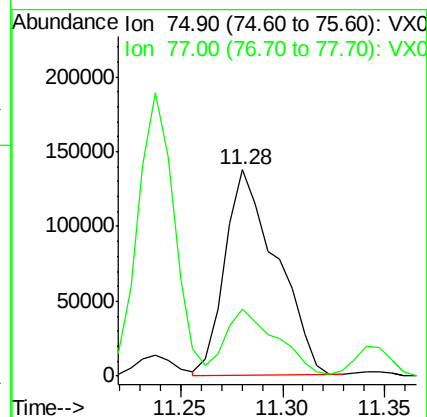
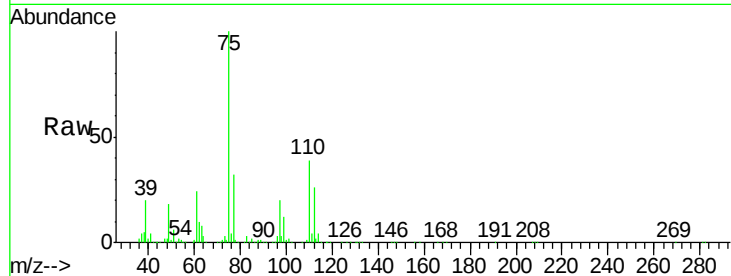
ClientSampleId :

Tot Ion: 75 Resp: 241199

Ion Ratio Lower Upper

75 100

77 32.5 21.2 63.6



#77

Bromobenzene

Concen: 48.850 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

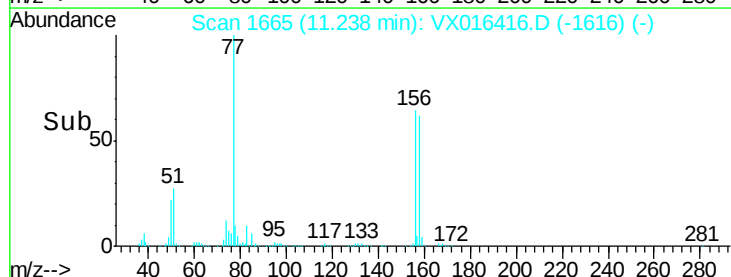
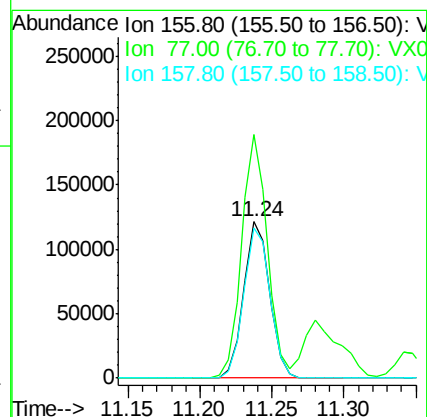
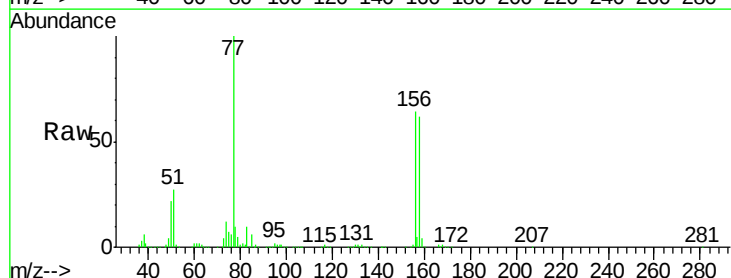
Tgt Ion: 156 Resp: 152176

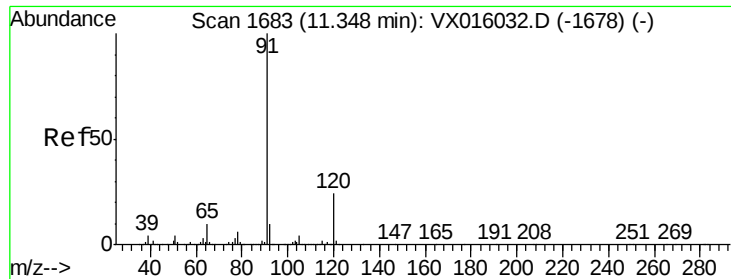
Ion Ratio Lower Upper

156 100

77 154.3 80.1 240.3

158 97.2 49.4 148.2





#78

n-propylbenzene

Concen: 46.363 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

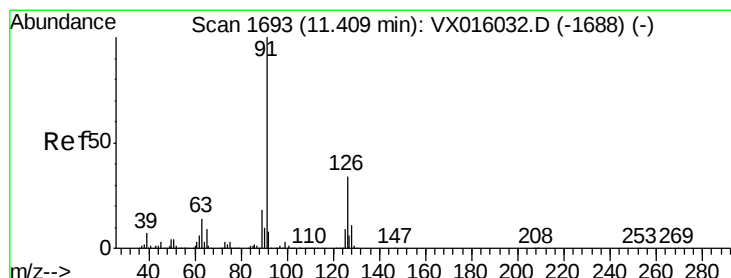
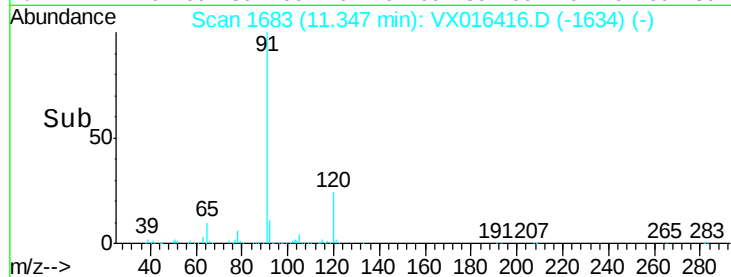
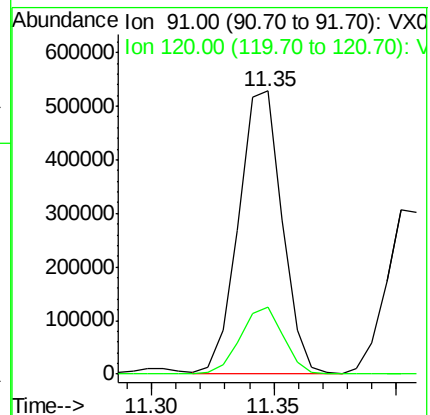
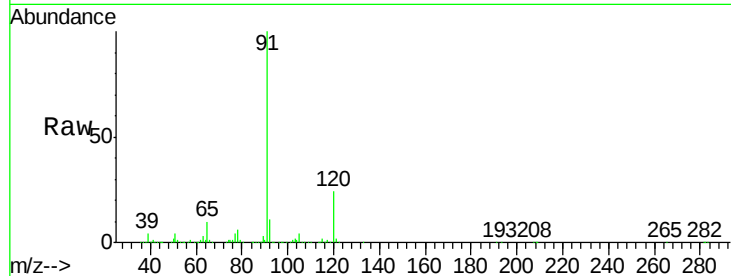
ClientSampleId :

Tot Ion: 91 Resp: 650948

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.5



#79

2-Chlorotoluene

Concen: 48.246 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016416.D

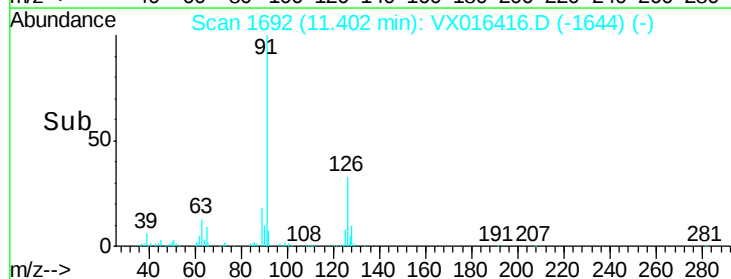
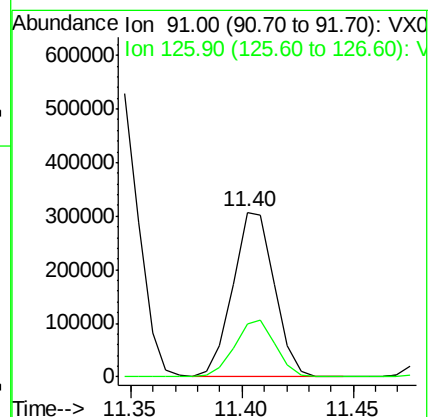
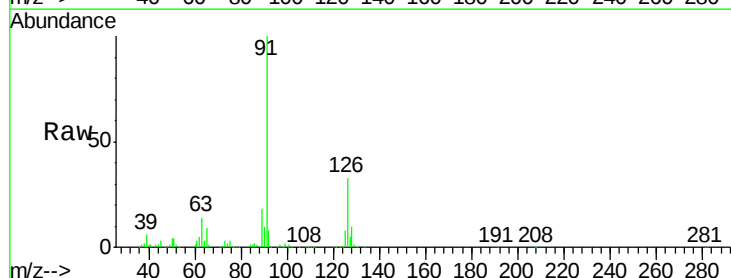
Acq: 22 May 2020 16:44

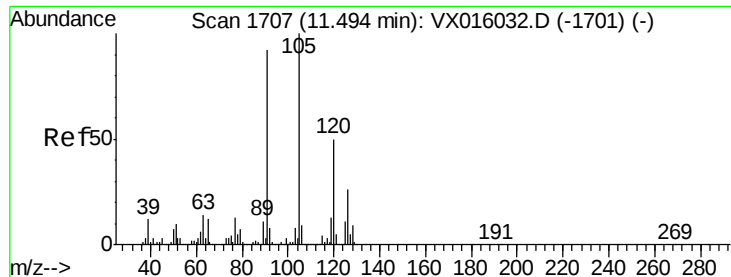
Tgt Ion: 91 Resp: 399846

Ion Ratio Lower Upper

91 100

126 33.7 16.9 50.6



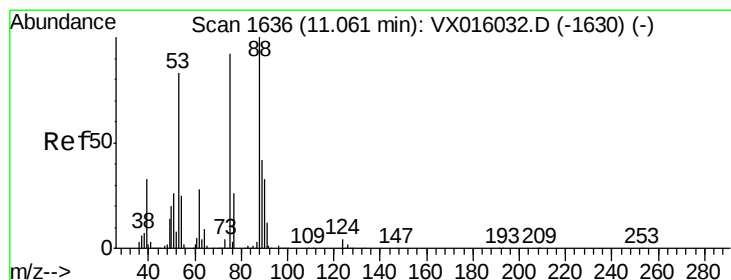
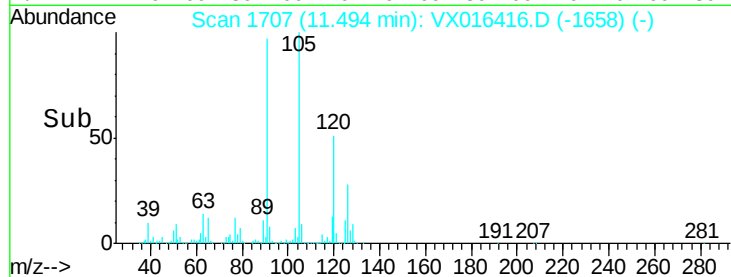
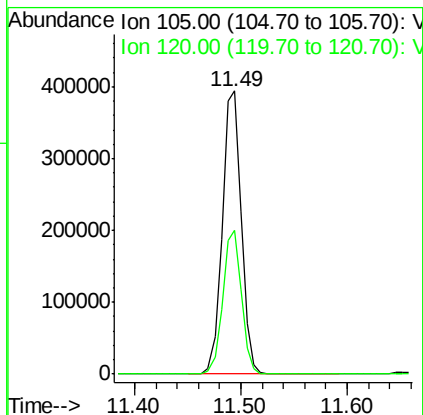
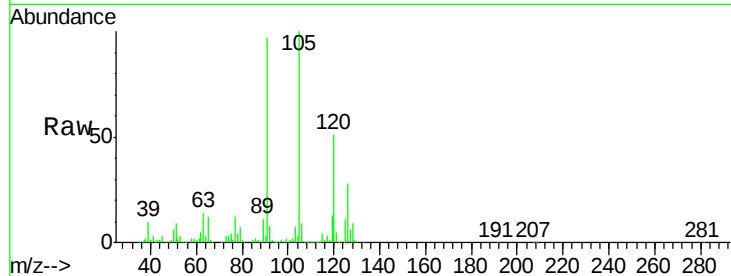


#80

1,3,5-Trimethylbenzene
Concen: 47.928 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

Instrument :
MSVOA_X
ClientSampleId :

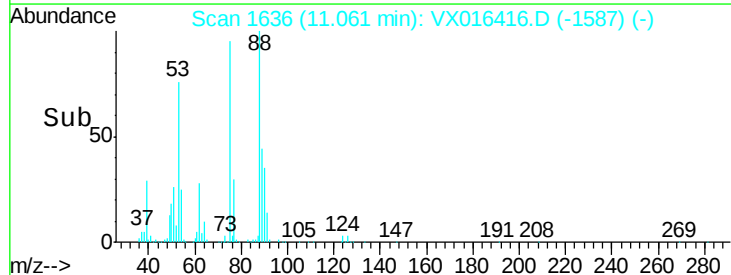
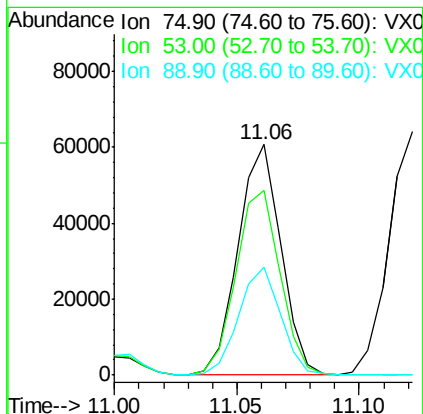
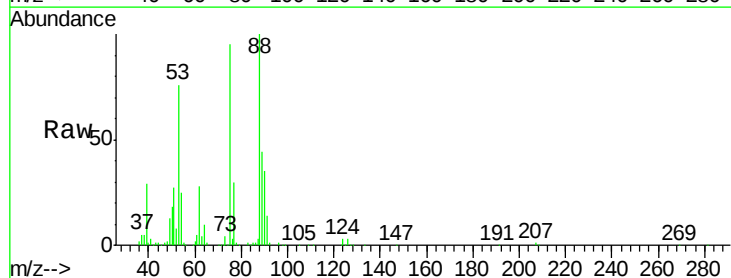
Tot Ion:105 Resp: 488398
Ion Ratio Lower Upper
105 100
120 49.8 24.6 74.0

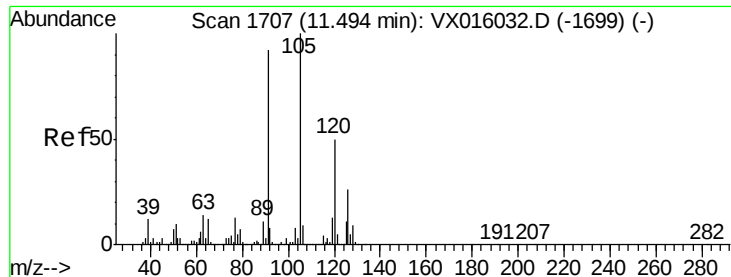


#81

trans-1,4-Dichloro-2-butene
Concen: 46.783 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016416.D
Acq: 22 May 2020 16:44

Tgt Ion: 75 Resp: 73920
Ion Ratio Lower Upper
75 100
53 82.4 73.1 109.7
89 46.2 36.7 55.1





#82

4-Chlorotoluene

Concen: 48.440 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

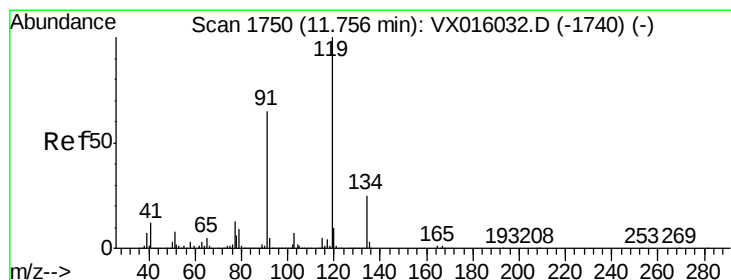
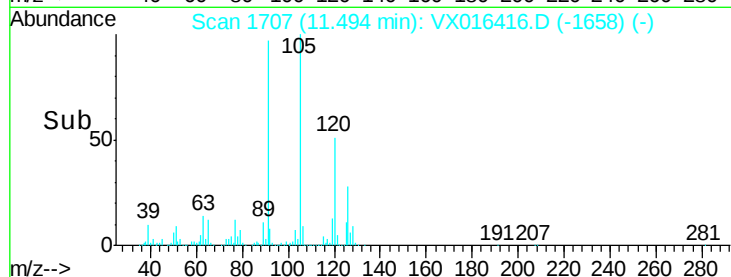
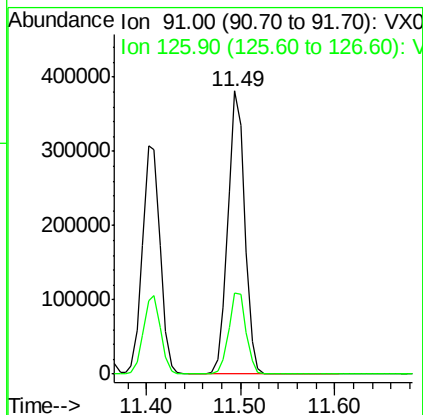
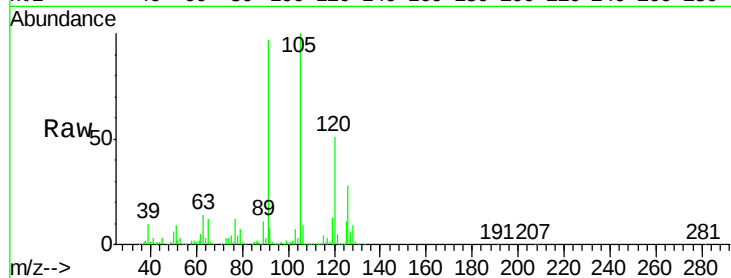
ClientSampled :

Tot Ion: 91 Resp: 474070

Ion Ratio Lower Upper

91 100

126 29.6 14.8 44.3



#83

tert-Butylbenzene

Concen: 48.542 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

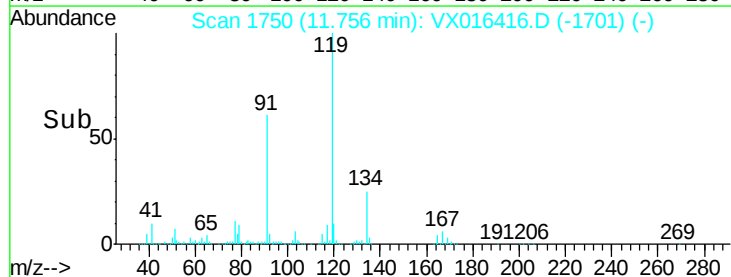
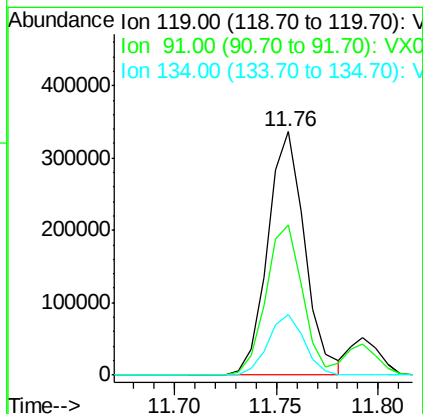
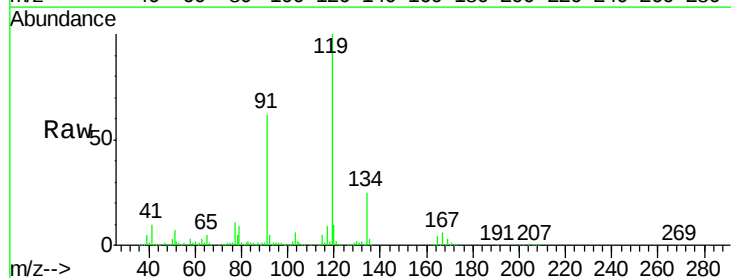
Tgt Ion: 119 Resp: 426290

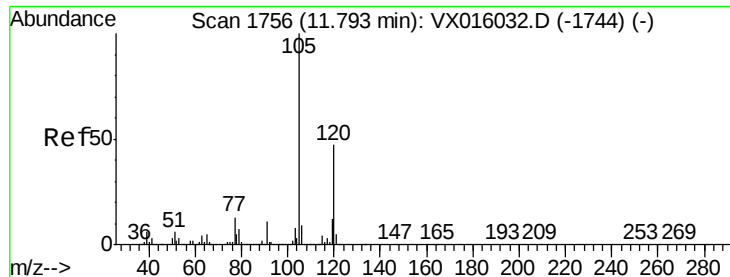
Ion Ratio Lower Upper

119 100

91 60.6 32.8 98.4

134 24.2 12.4 37.0





#84

1,2,4-Trimethylbenzene

Concen: 48.578 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

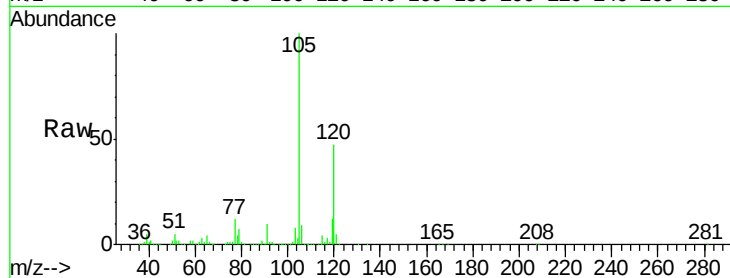
ClientSampleId :

Tot Ion:105 Resp: 500456

Ion Ratio Lower Upper

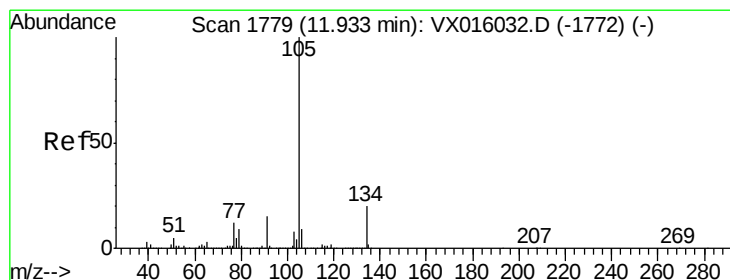
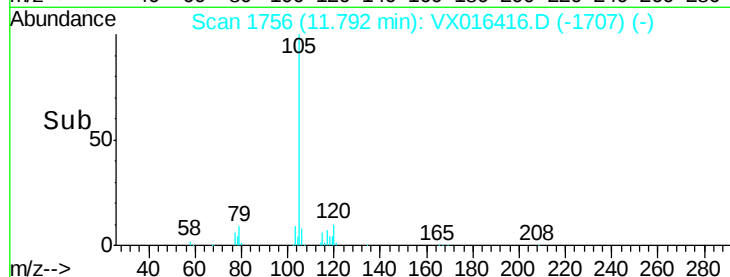
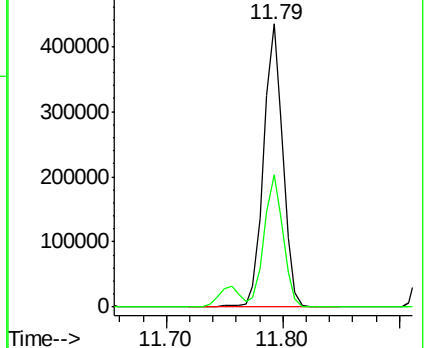
105 100

120 46.2 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 43.596 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016416.D

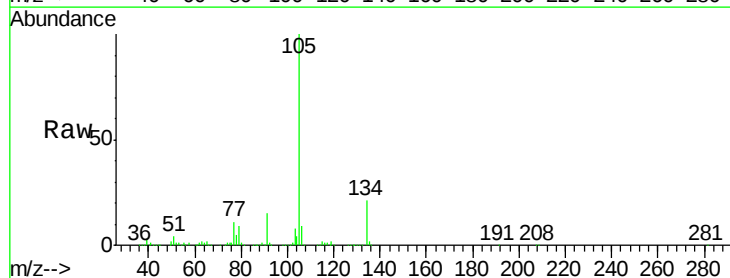
Acq: 22 May 2020 16:44

Tgt Ion:105 Resp: 516918

Ion Ratio Lower Upper

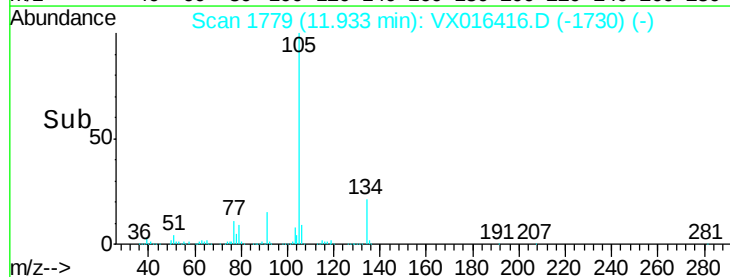
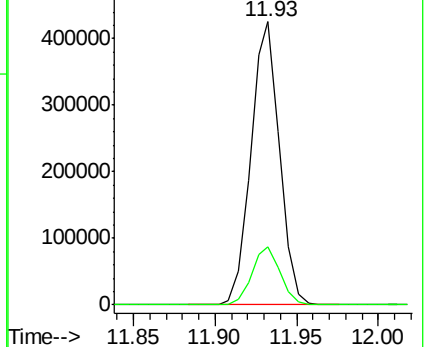
105 100

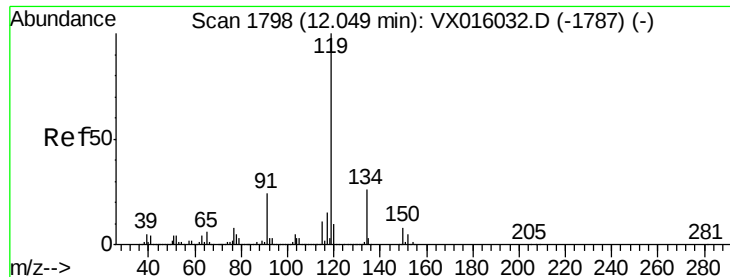
134 20.5 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

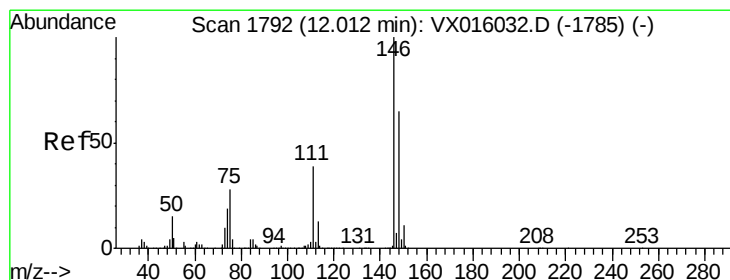
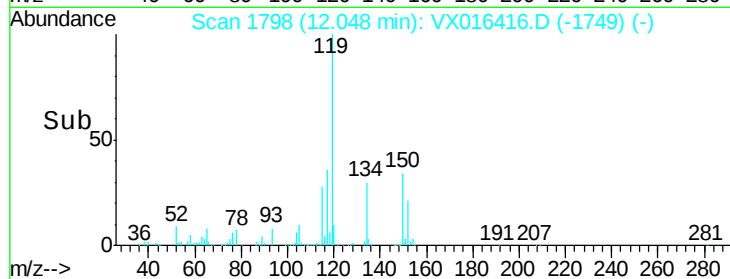
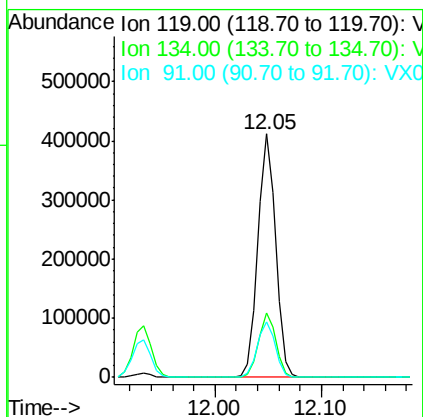
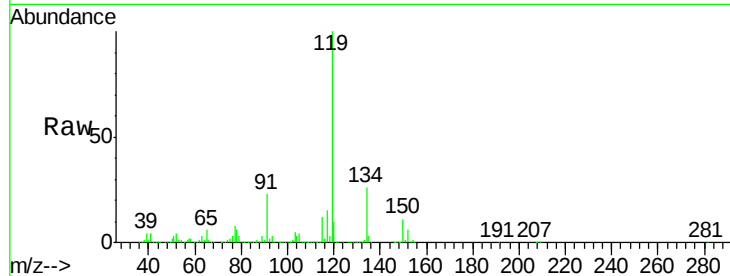




#86
 p-Isopropyltoluene
 Concen: 44.030 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016416.D
 Acq: 22 May 2020 16:44

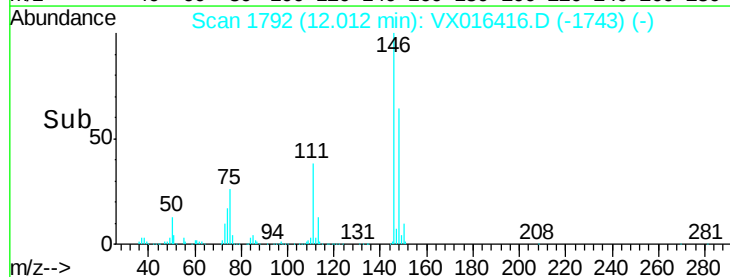
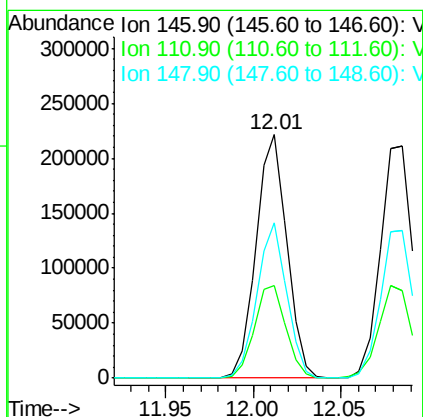
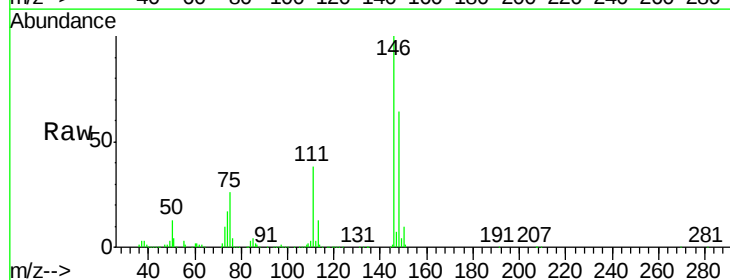
Instrument :
 MSVOA_X
 ClientSampled :

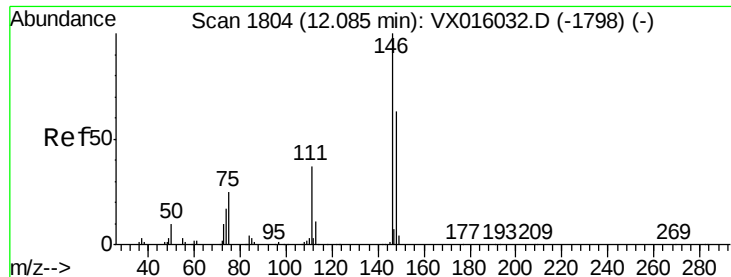
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.1	39.3
91	23.0	11.8	35.4



#87
 1,3-Dichlorobenzene
 Concen: 48.470 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016416.D
 Acq: 22 May 2020 16:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.2	60.6
148	61.7	32.1	96.3

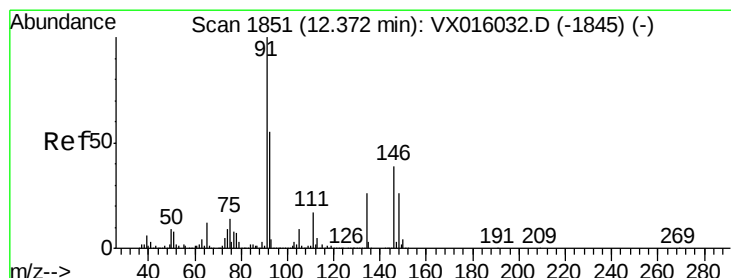
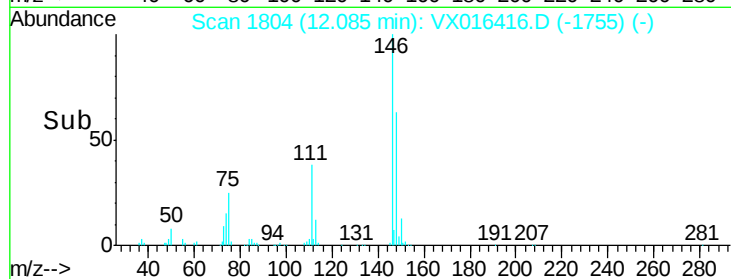
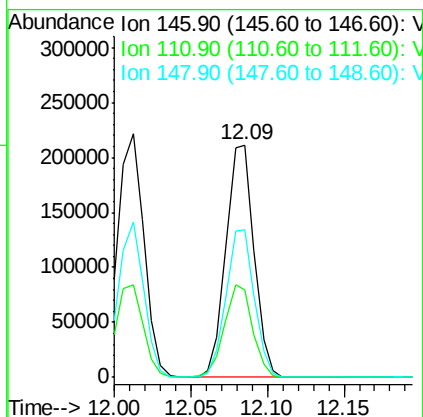
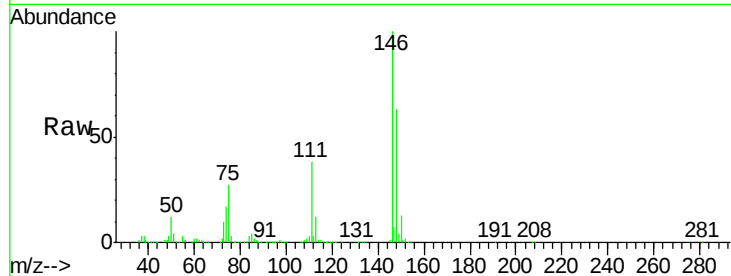




#88
 1,4-Dichlorobenzene
 Concen: 47.588 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VX016416.D
 Acq: 22 May 2020 16:44

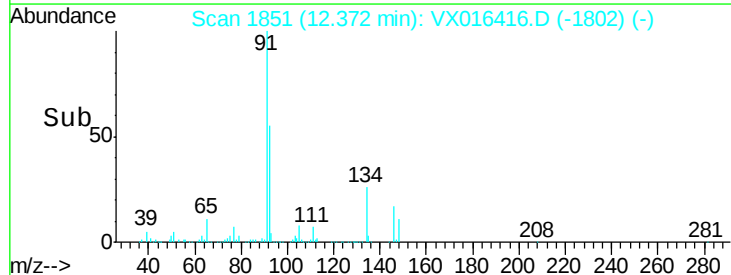
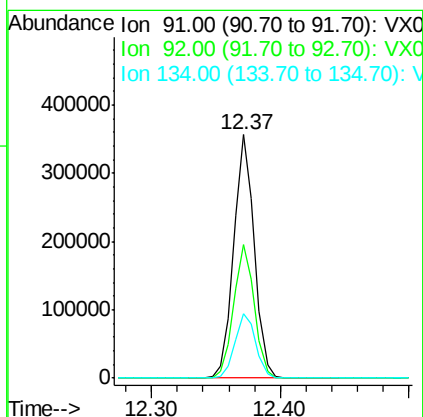
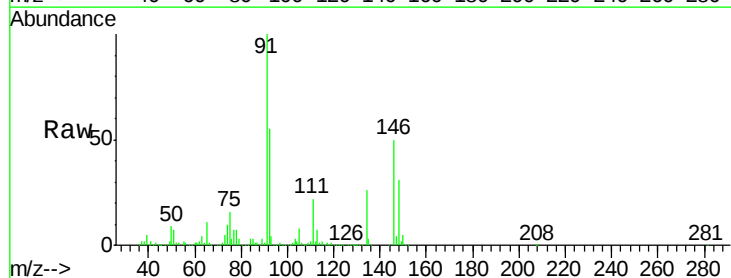
Instrument :
 MSVOA_X
 ClientSampled :

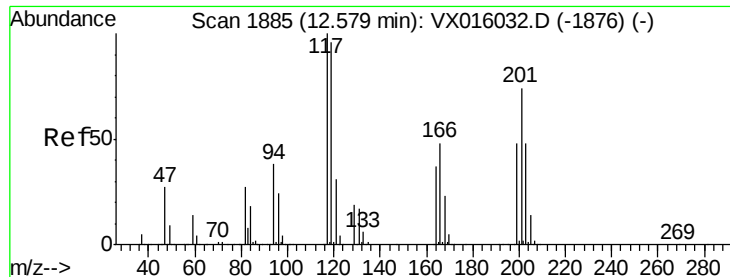
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.6	58.7
148	63.9	31.8	95.3



#89
 n-Butylbenzene
 Concen: 39.571 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX016416.D
 Acq: 22 May 2020 16:44

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.6	82.7
134	26.8	13.4	40.1





#90

Hexachloroethane

Concen: 45.106 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

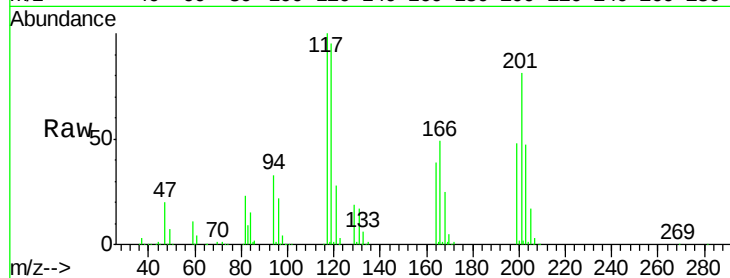
ClientSampleId :

Tot Ion:117 Resp: 85279

Ion Ratio Lower Upper

117 100

201 84.5 39.8 119.3

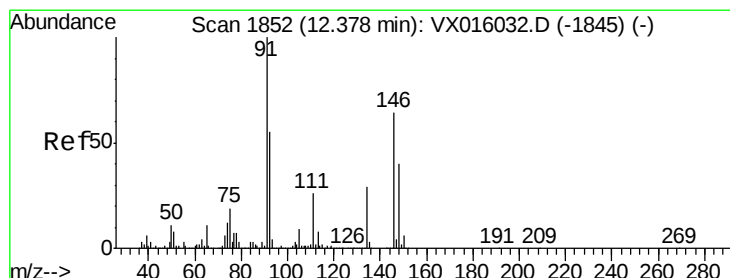
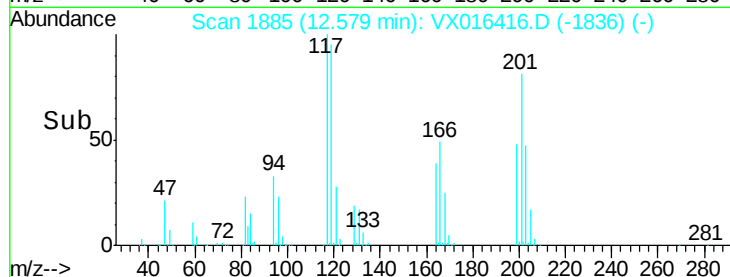


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.58

Time--> 12.50 12.55 12.60



#91

1,2-Dichlorobenzene

Concen: 48.051 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

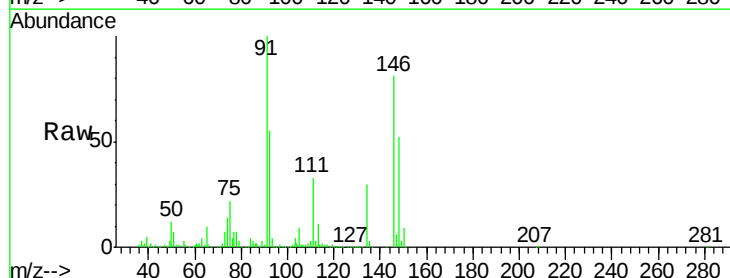
Tgt Ion:146 Resp: 258799

Ion Ratio Lower Upper

146 100

111 42.0 21.1 63.1

148 64.1 32.4 97.0



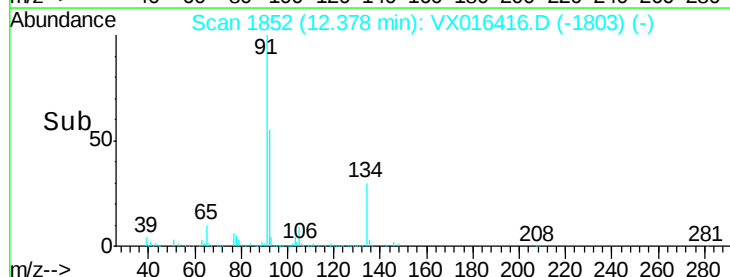
Abundance Ion 145.90 (145.60 to 146.60): V

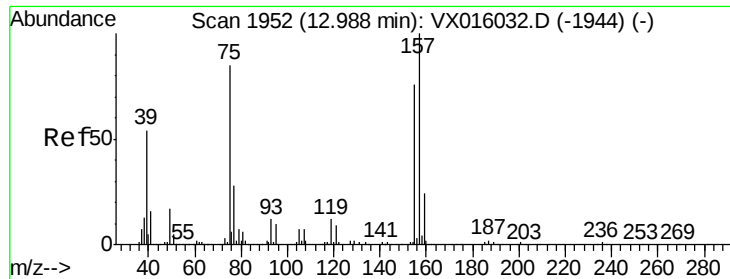
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

12.38

Time--> 12.30 12.35 12.40





#92

1,2-Dibromo-3-Chloropropane

Concen: 46.868 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

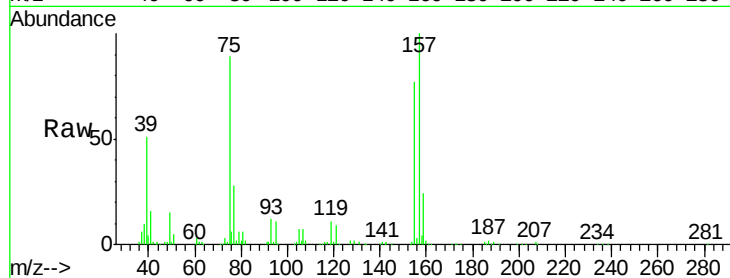
Tot Ion: 75 Resp: 46511

Ion Ratio Lower Upper

75 100

155 92.6 42.5 127.5

157 118.8 55.3 165.8



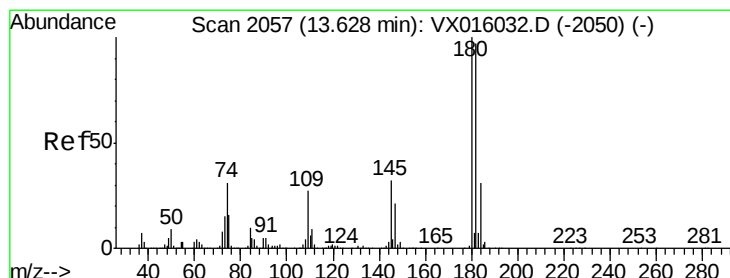
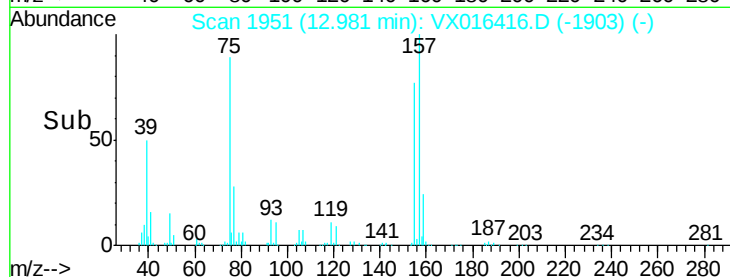
Abundance Ion 74.90 (74.60 to 75.60): VX016032.D (-1944) (-)

Ion 154.80 (154.50 to 155.50): VX016032.D (-1944) (-)

Ion 156.80 (156.50 to 157.50): VX016032.D (-1944) (-)

12.98

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 42.698 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

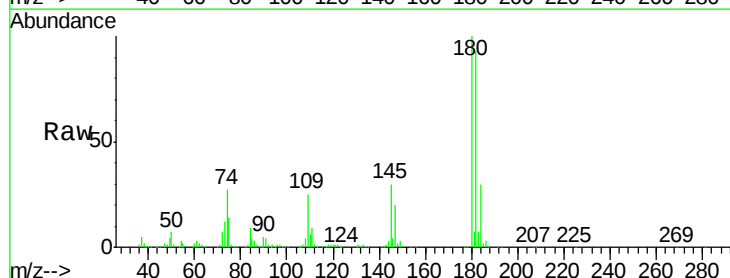
Tgt Ion: 180 Resp: 170259

Ion Ratio Lower Upper

180 100

182 93.2 48.7 146.1

145 29.8 15.7 47.1



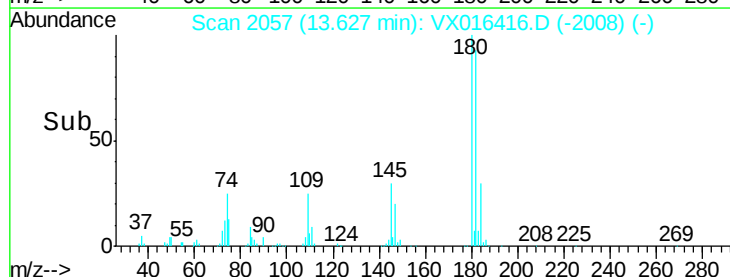
Abundance Ion 179.80 (179.50 to 180.50): VX016032.D (-2050) (-)

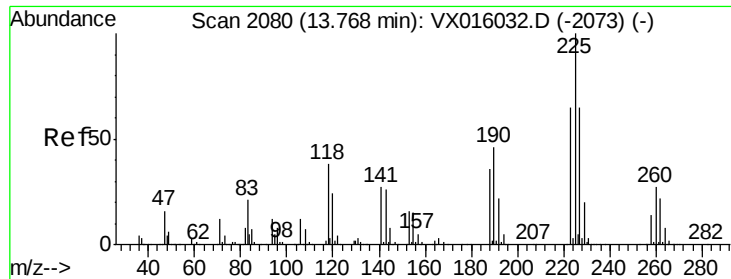
Ion 181.80 (181.50 to 182.50): VX016032.D (-2050) (-)

Ion 144.80 (144.50 to 145.50): VX016032.D (-2050) (-)

13.63

Time-->





#94

Hexachlorobutadiene

Concen: 34.178 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

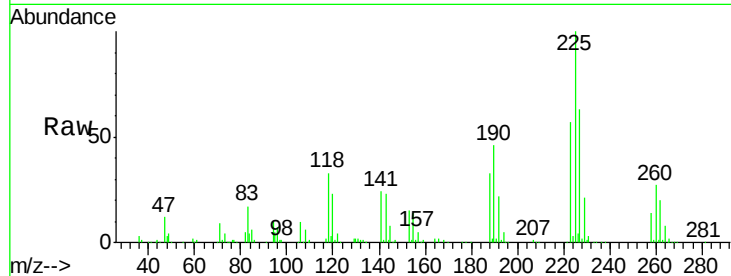
Tot Ion:225 Resp: 58398

Ion Ratio Lower Upper

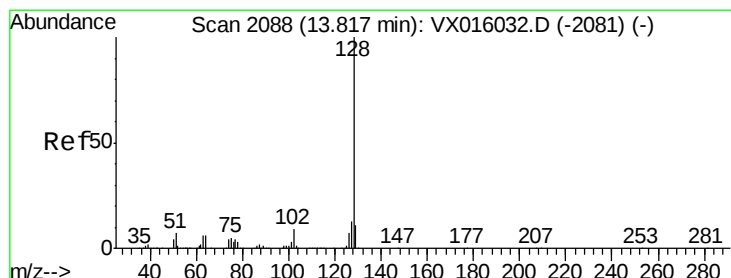
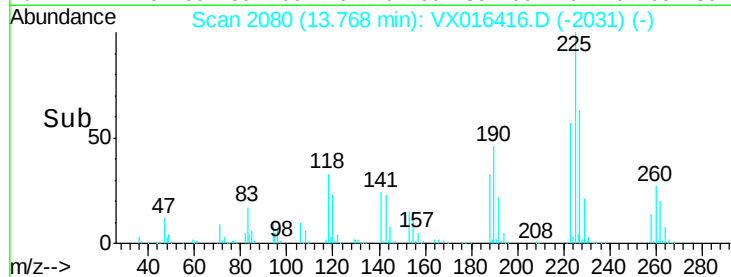
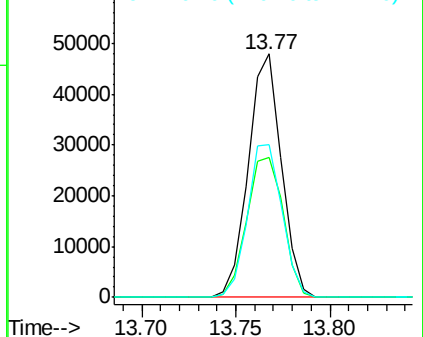
225 100

223 63.5 32.3 96.9

227 65.6 31.8 95.4



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 46.696 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016416.D

Acq: 22 May 2020 16:44

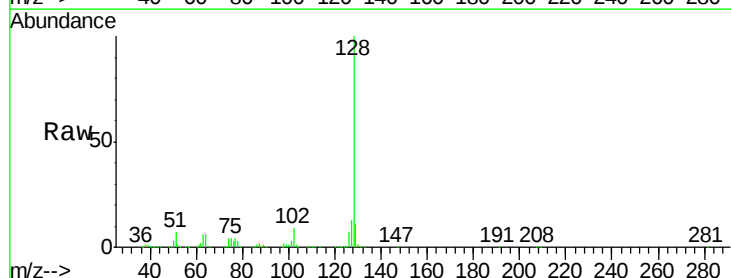
Tgt Ion:128 Resp: 602916

Ion Ratio Lower Upper

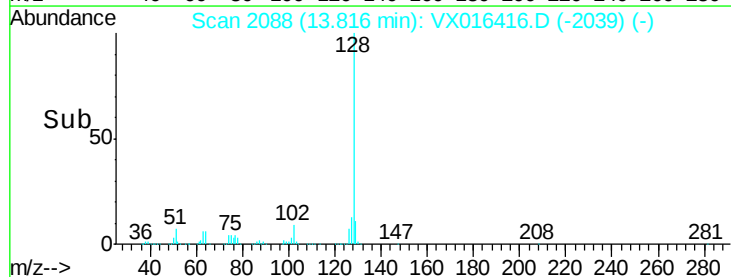
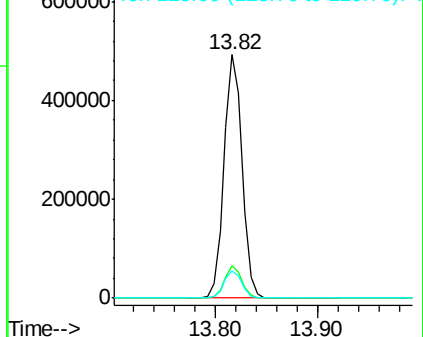
128 100

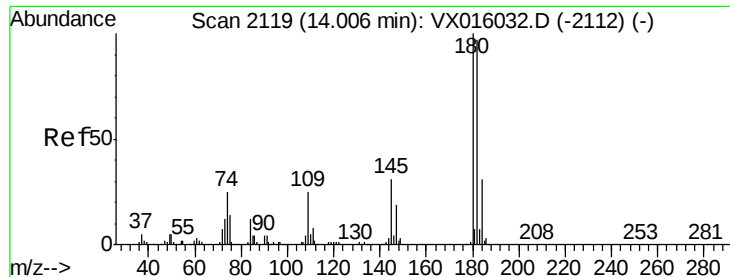
127 12.7 10.2 15.4

129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

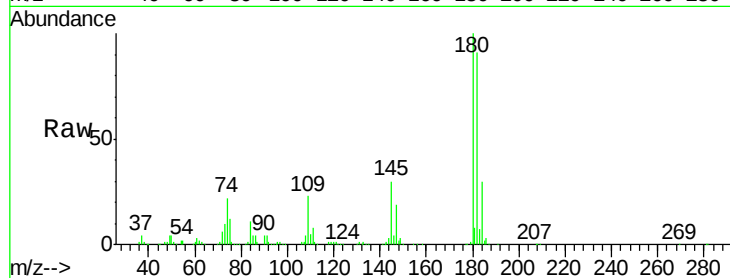




#96
 1,2,3-Trichlorobenzene
 Concen: 42.361 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VX016416.D
 Acq: 22 May 2020 16:44

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	48.4	145.0
145	31.7	16.4	49.1



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

