

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052220\
 Data File : VX016417.D
 Acq On : 22 May 2020 17:07
 Operator : JC/SP
 Sample : L2743-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 23 02:47:04 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	161456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	296268	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	291692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	146375	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	120343	56.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.28%	
35) Dibromofluoromethane	5.46	113	99964	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
50) Toluene-d8	8.70	98	355725	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.12	95	146994	53.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.88%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	57419	33.599	ug/l	99
3) Chloromethane	1.31	50	93542	47.132	ug/l	100
4) Vinyl Chloride	1.39	62	94739	44.742	ug/l	99
5) Bromomethane	1.62	94	46780	43.822	ug/l	96
6) Chloroethane	1.70	64	63948	49.635	ug/l	99
7) Trichlorofluoromethane	1.91	101	108458	39.015	ug/l	99
8) Diethyl Ether	2.17	74	66157	56.482	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	54717	34.116	ug/l	97
10) Methyl Iodide	2.49	142	85575	39.723	ug/l	99
11) Tert butyl alcohol	3.02	59	151205	281.440	ug/l	99
12) 1,1-Dichloroethene	2.35	96	74652	44.479	ug/l	97
13) Acrolein	2.27	56	101246	301.151	ug/l	98
14) Allyl chloride	2.70	41	147693	47.994	ug/l	93
15) Acrylonitrile	3.12	53	331160	297.127	ug/l	99
16) Acetone	2.42	43	250153	263.881	ug/l	91
17) Carbon Disulfide	2.54	76	214694	42.566	ug/l	99
18) Methyl Acetate	2.75	43	130474	55.977	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	356253	61.574	ug/l	99
20) Methylene Chloride	2.83	84	109319	55.939	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	97467	52.113	ug/l	93
22) Diisopropyl ether	3.82	45	313448	53.991	ug/l	94
23) Vinyl Acetate	3.79	43	1394352	272.992	ug/l	96
24) 1,1-Dichloroethane	3.67	63	179068	55.138	ug/l	99
25) 2-Butanone	4.64	43	438194	286.857	ug/l	95
26) 2,2-Dichloropropane	4.55	77	131413	44.308	ug/l	96
27) cis-1,2-Dichloroethene	4.57	96	124906	61.088	ug/l	92
28) Bromochloromethane	4.98	49	74983	50.634	ug/l #	13
29) Tetrahydrofuran	5.09	42	289098	285.622	ug/l	92
30) Chloroform	5.18	83	190763	58.995	ug/l	97
31) Cyclohexane	5.54	56	97436	33.012	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	148761	50.612	ug/l	98
36) 1,1-Dichloropropene	5.77	75	114635	39.308	ug/l	99
37) Ethyl Acetate	4.79	43	161462	47.768	ug/l	96
38) Carbon Tetrachloride	5.76	117	122234	41.236	ug/l	94

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Quant Time: May 23 02:47:04 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)
39) Methylcyclohexane	7.44	83	88036	25.067	ug/l	96
40) Benzene	6.11	78	423450	49.625	ug/l	99
41) Methacrylonitrile	5.01	41	90792	49.737	ug/l	95
42) 1,2-Dichloroethane	6.17	62	154400	50.229	ug/l	97
43) Isopropyl Acetate	6.42	43	258763	47.980	ug/l	95
44) Trichloroethene	7.19	130	123617	40.778	ug/l	94
45) 1,2-Dichloropropane	7.49	63	111495	51.638	ug/l	99
46) Dibromomethane	7.64	93	79424	54.129	ug/l	98
47) Bromodichloromethane	7.88	83	160118	53.580	ug/l	99
48) Methyl methacrylate	7.74	41	124771	48.824	ug/l	91
49) 1,4-Dioxane	7.72	88	62667	1022.473	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	846789	256.582	ug/l	94
52) Toluene	8.77	92	270560	50.869	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	185650	52.104	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	192248	51.657	ug/l	91
55) 1,1,2-Trichloroethane	9.20	97	121352	57.991	ug/l	99
56) Ethyl methacrylate	9.16	69	193712	56.711	ug/l #	88
57) 1,3-Dichloropropane	9.35	76	202262	55.393	ug/l	100
59) 2-Hexanone	9.48	43	663416	255.970	ug/l	94
60) Dibromochloromethane	9.57	129	136246	59.116	ug/l	100
61) 1,2-Dibromoethane	9.65	107	129870	57.295	ug/l	100
64) Tetrachloroethene	9.32	164	131579	36.745	ug/l	99
65) Chlorobenzene	10.12	112	302090	49.461	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	116685	51.688	ug/l	99
67) Ethyl Benzene	10.24	91	494109	45.341	ug/l	99
68) m/p-Xylenes	10.34	106	381806	93.512	ug/l	99
69) o-Xylene	10.68	106	190790	48.613	ug/l	99
70) Styrene	10.70	104	345276	51.857	ug/l	99
71) Bromoform	10.84	173	104657	56.903	ug/l #	99
73) Isopropylbenzene	11.01	105	450750	42.338	ug/l	99
74) N-amyl acetate	10.88	43	222079	44.720	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.26	83	155714	70.806	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	229758	69.171	ug/l	84
77) Bromobenzene	11.24	156	136949	49.835	ug/l	97
78) n-propylbenzene	11.35	91	503662	40.665	ug/l	100
79) 2-Chlorotoluene	11.40	91	338932	46.360	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	396826	44.145	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	70474	50.562	ug/l	93
82) 4-Chlorotoluene	11.49	91	400276	46.365	ug/l	100
83) tert-Butylbenzene	11.76	119	324358	41.870	ug/l	94
84) 1,2,4-Trimethylbenzene	11.79	105	413670	45.518	ug/l	100
85) sec-Butylbenzene	11.93	105	363660	34.768	ug/l	100
86) p-Isopropyltoluene	12.05	119	359942	37.065	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	232669	47.154	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	238323	47.588	ug/l	99
89) n-Butylbenzene	12.37	91	272707	30.739	ug/l	99
90) Hexachloroethane	12.58	117	65509	39.278	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	231516	48.729	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44346	50.656	ug/l	93
93) 1,2,4-Trichlorobenzene	13.63	180	137167	38.995	ug/l	99

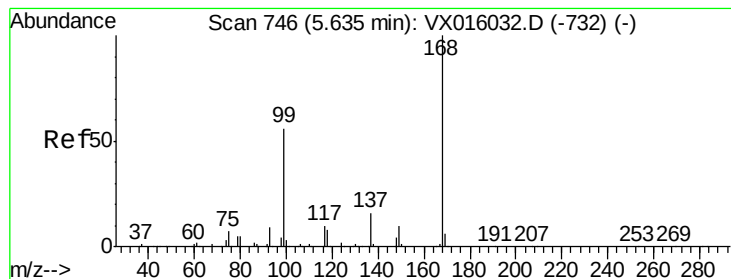
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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	39269	26.178	ug/l	97
95) Naphthalene	13.82	128	547282	48.050	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	136168	39.610	ug/l	99

(#) = 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: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

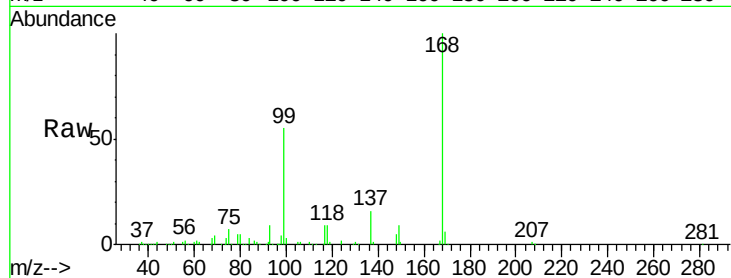
ClientSampleId :

Tot Ion:168 Resp: 161456

Ion Ratio Lower Upper

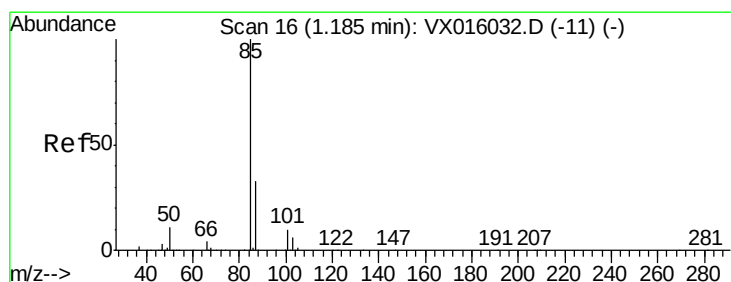
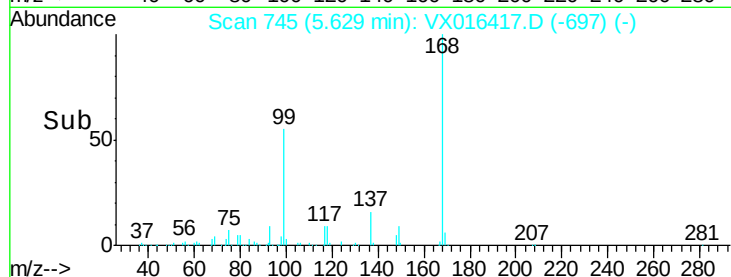
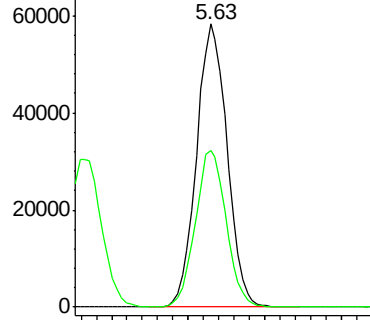
168 100

99 55.3 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 33.599 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.01 min

Lab File: VX016417.D

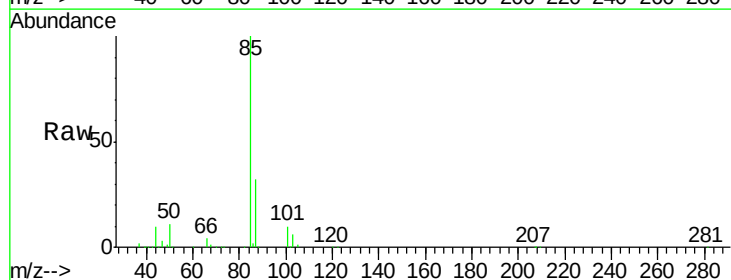
Acq: 22 May 2020 17:07

Tgt Ion: 85 Resp: 57419

Ion Ratio Lower Upper

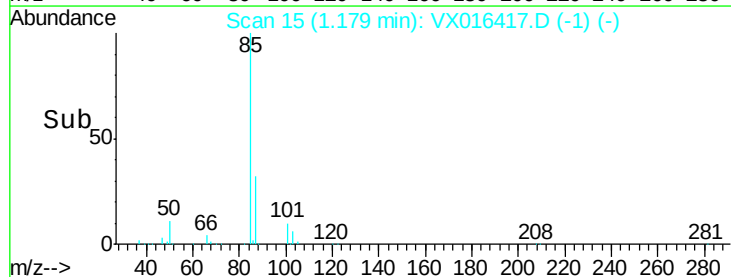
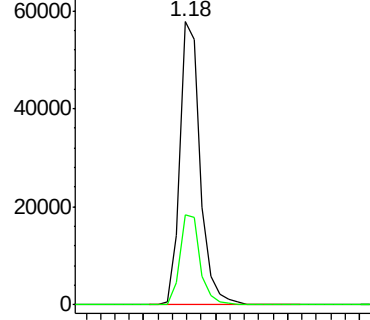
85 100

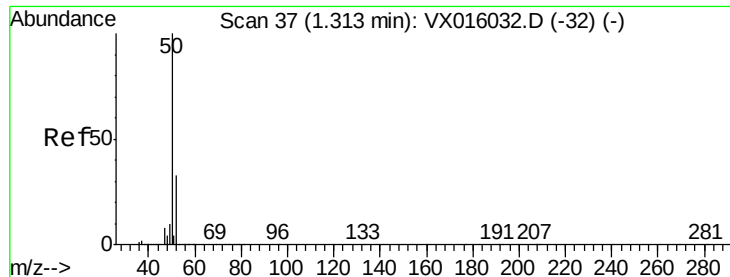
87 32.0 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.132 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

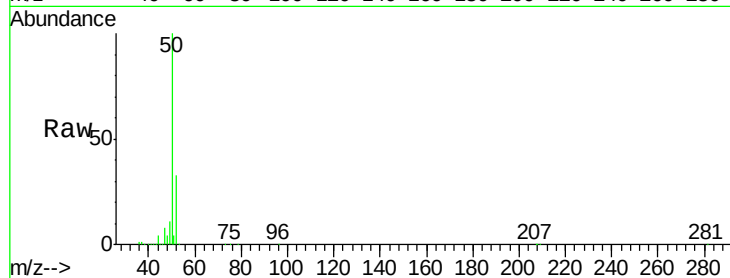
ClientSampleId :

Tot Ion: 50 Resp: 93542

Ion Ratio Lower Upper

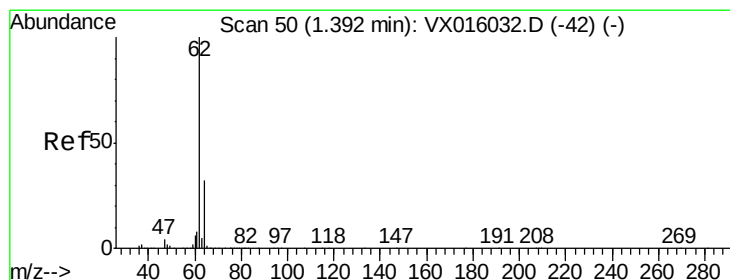
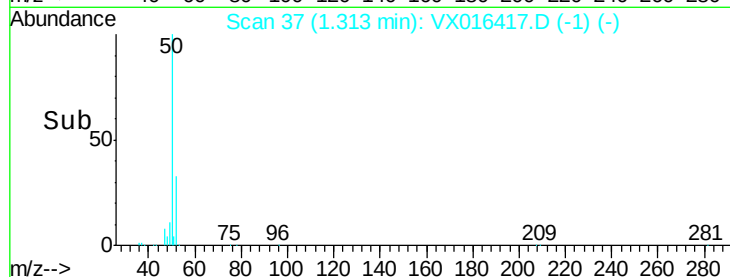
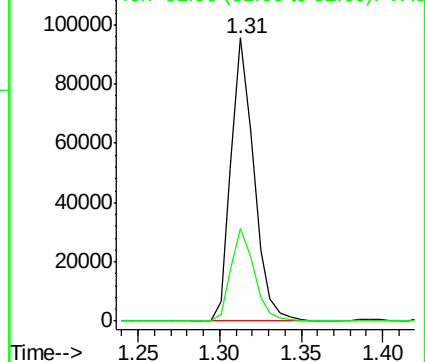
50 100

52 32.7 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: 44.742 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016417.D

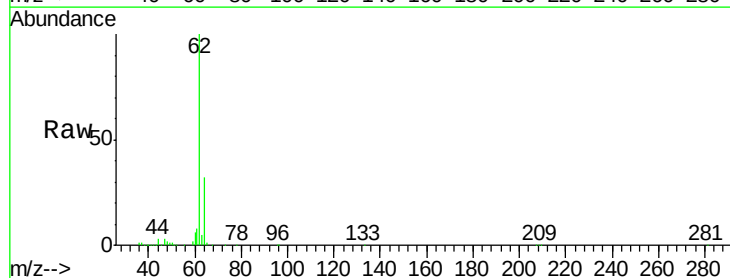
Acq: 22 May 2020 17:07

Tgt Ion: 62 Resp: 94739

Ion Ratio Lower Upper

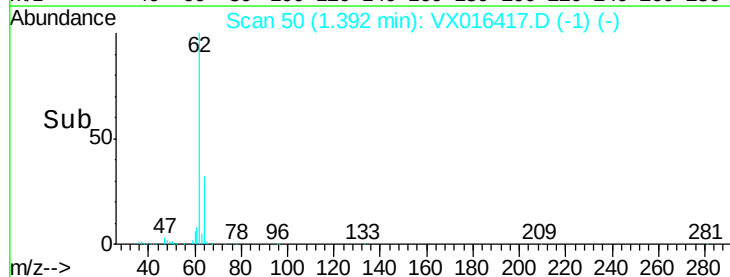
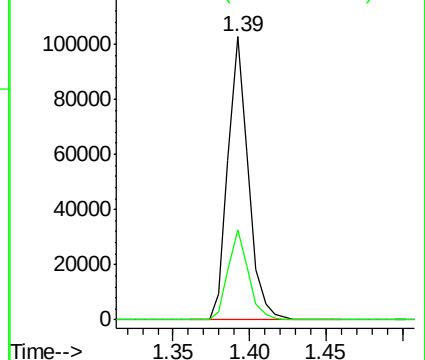
62 100

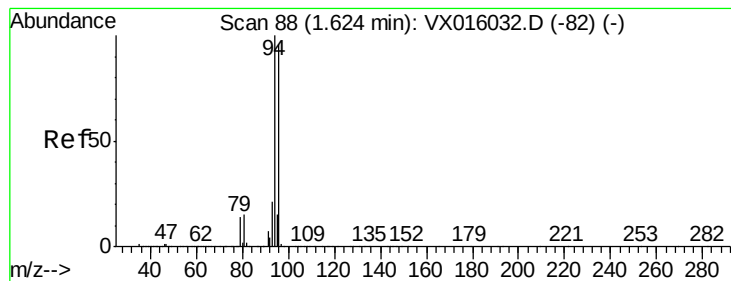
64 31.6 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 43.822 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

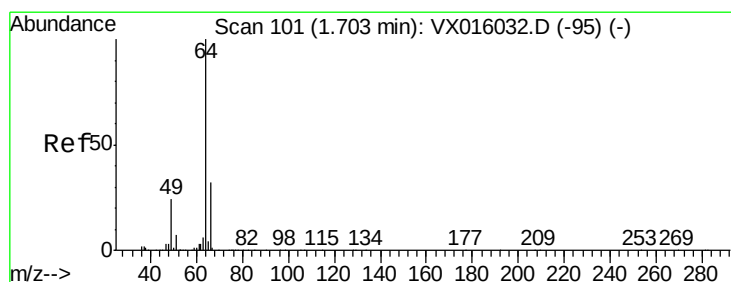
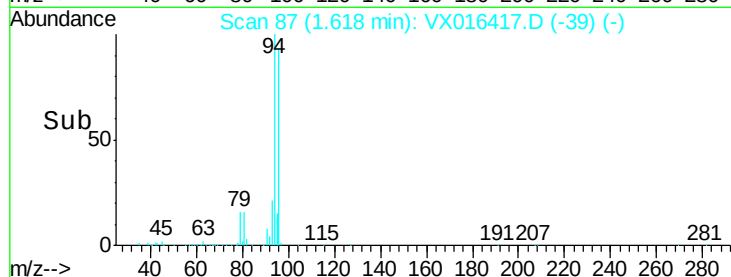
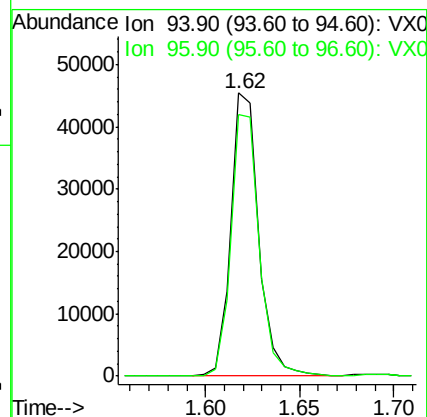
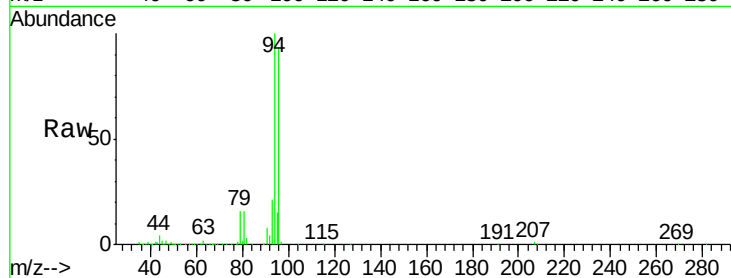
ClientSampled :

Tot Ion: 94 Resp: 46780

Ion Ratio Lower Upper

94 100

96 92.4 76.9 115.3



#6

Chloroethane

Concen: 49.635 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016417.D

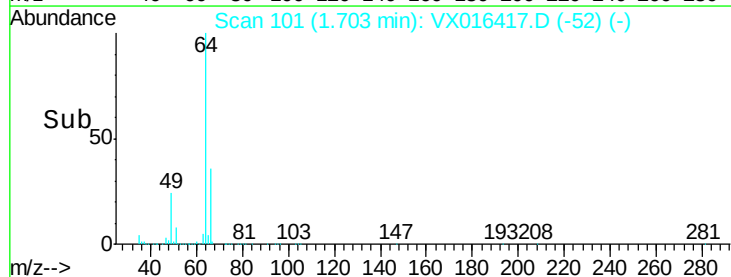
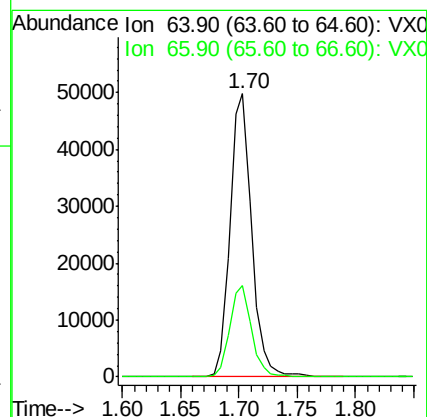
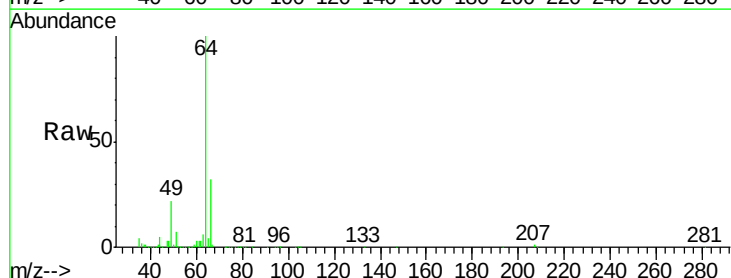
Acq: 22 May 2020 17:07

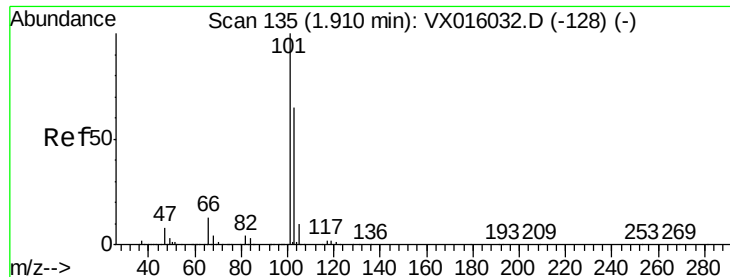
Tgt Ion: 64 Resp: 63948

Ion Ratio Lower Upper

64 100

66 32.1 25.2 37.8



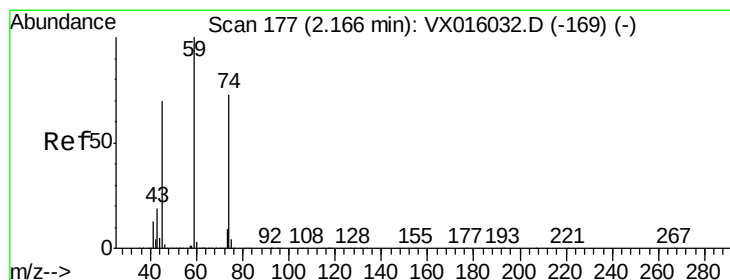
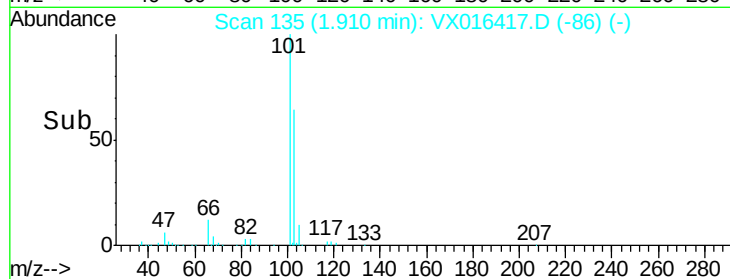
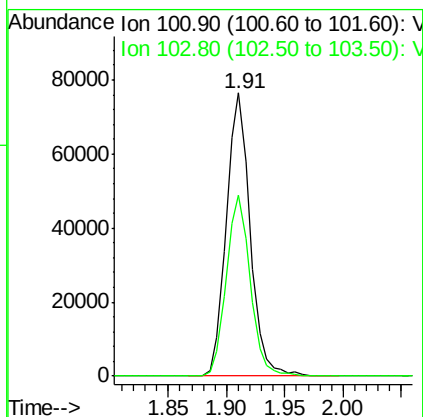
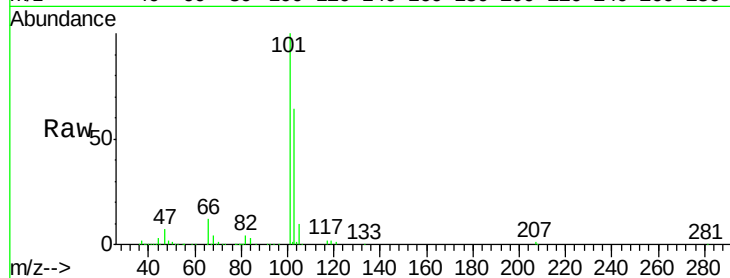


#7

Trichlorofluoromethane
 Concen: 39.015 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.00 min
 Lab File: VX016417.D
 Acq: 22 May 2020 17:07

Instrument :
 MSVOA_X
 ClientSampleId :

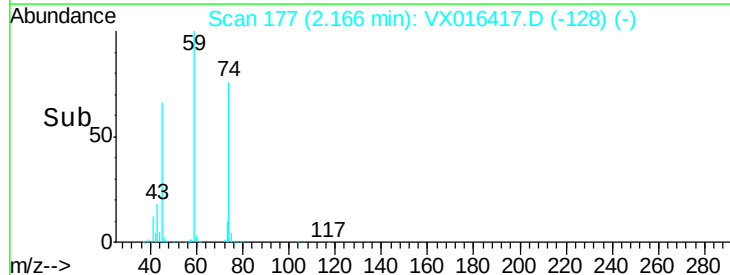
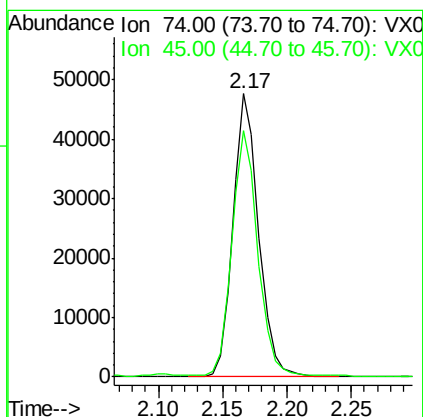
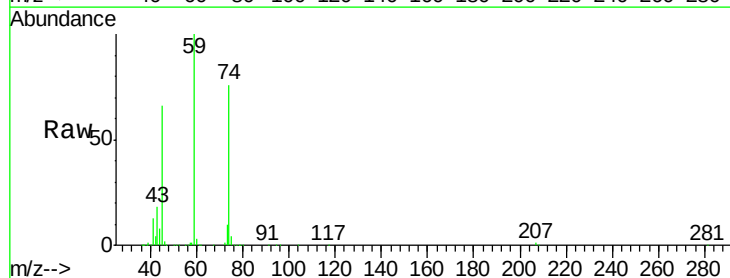
Tot Ion:101 Resp: 108458
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.8 77.6

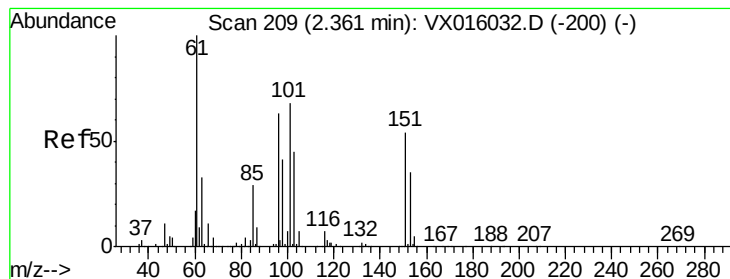


#8

Diethyl Ether
 Concen: 56.482 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016417.D
 Acq: 22 May 2020 17:07

Tgt Ion: 74 Resp: 66157
 Ion Ratio Lower Upper
 74 100
 45 88.1 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 34.116 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016417.D

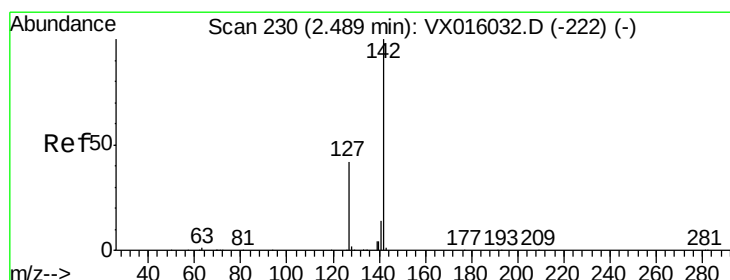
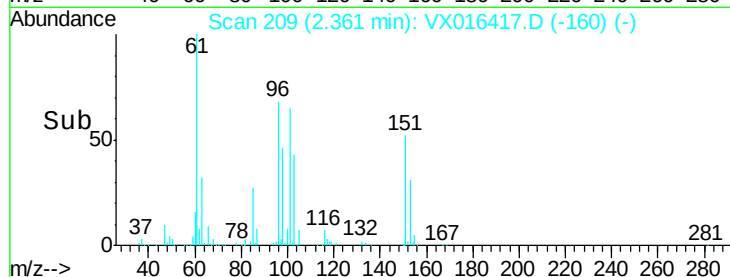
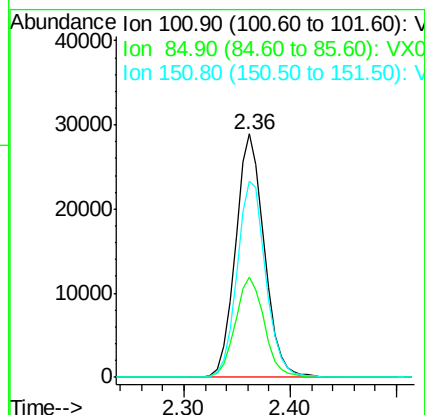
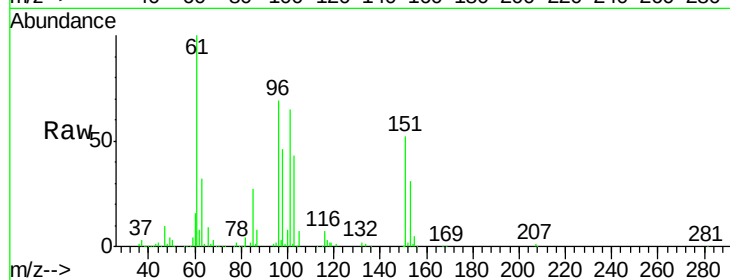
Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	101	Resp:	54717
Ion	Ratio	Lower	Upper
101	100		
85	41.6	34.2	51.4
151	80.8	62.1	93.1



#10

Methyl Iodide

Concen: 39.723 ug/l

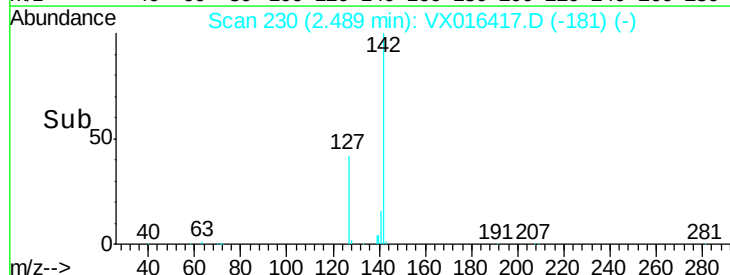
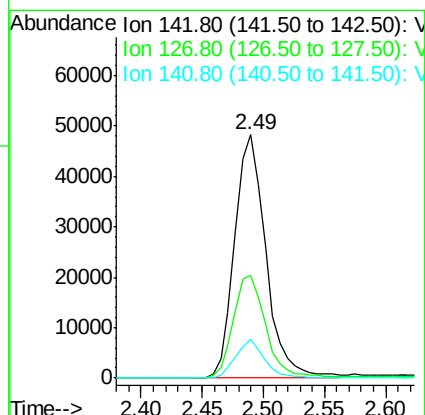
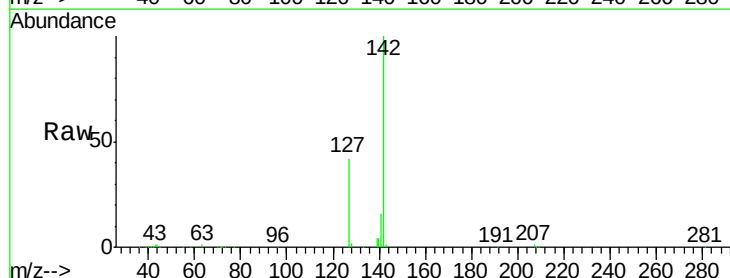
RT: 2.49 min Scan# 230

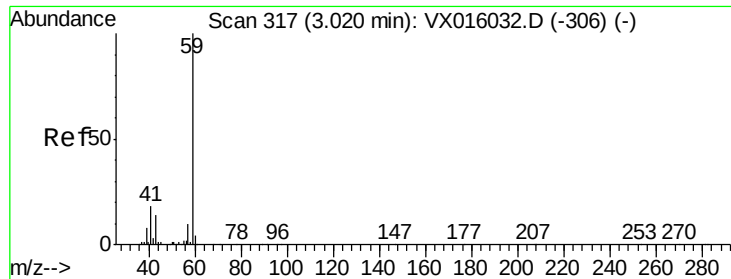
Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Tgt Ion:	142	Resp:	85575
Ion	Ratio	Lower	Upper
142	100		
127	43.5	34.6	52.0
141	14.7	11.3	16.9

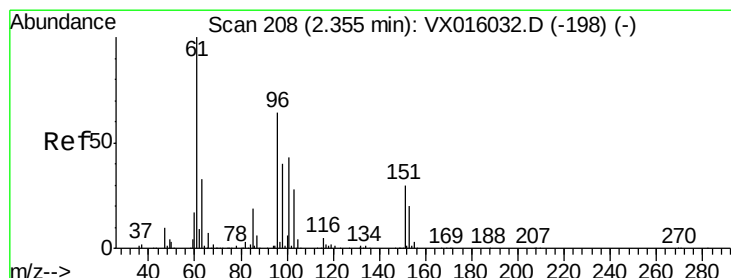
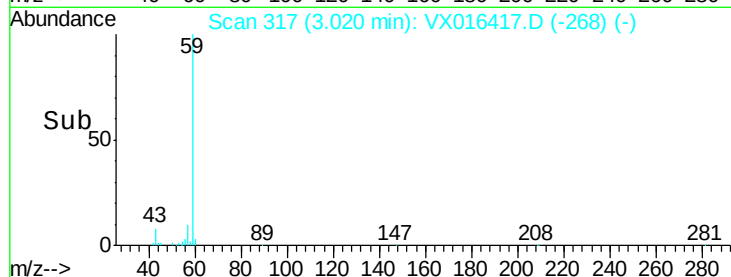
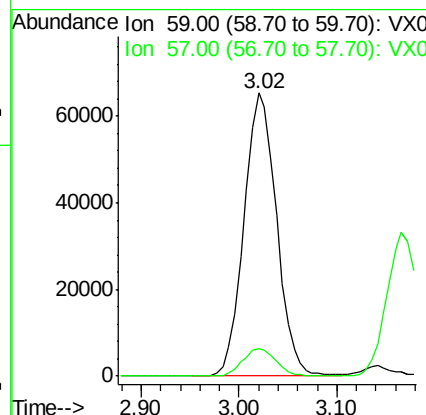
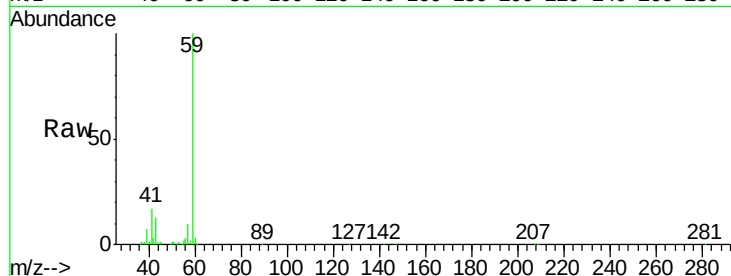




#11
Tert butyl alcohol
Concen: 281.440 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

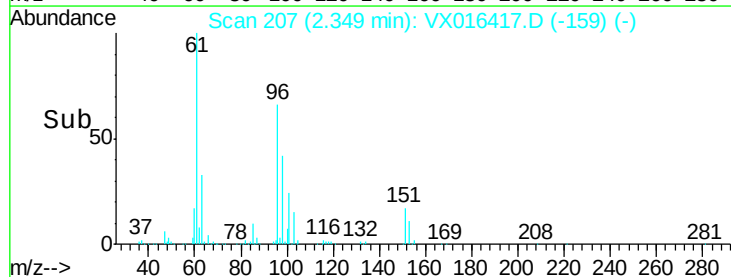
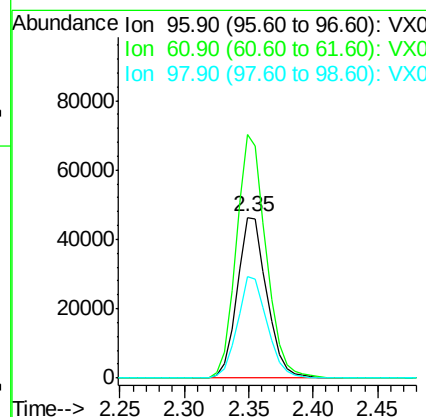
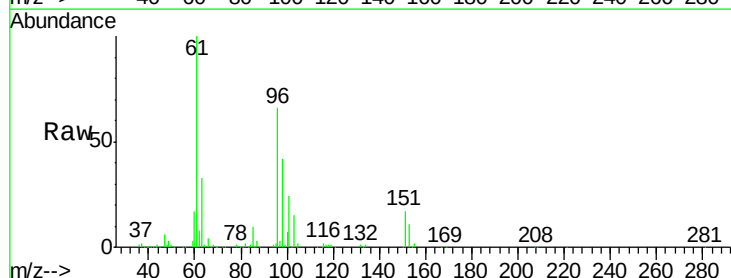
Instrument :
MSVOA_X
ClientSampleId :

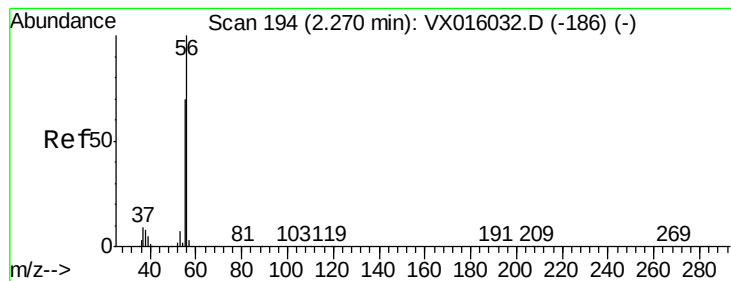
Tot Ion: 59 Resp: 151205
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 44.479 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Tgt Ion: 96 Resp: 74652
Ion Ratio Lower Upper
96 100
61 151.6 124.8 187.2
98 63.6 49.7 74.5





#13

Acrolein

Concen: 301.151 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

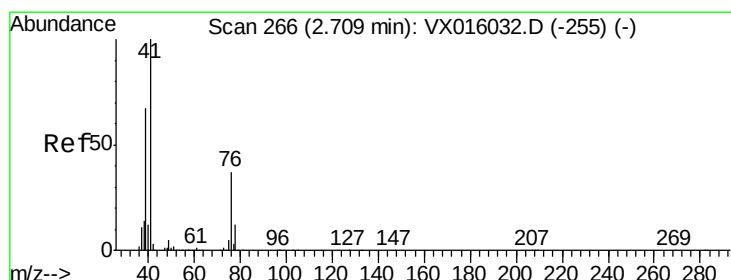
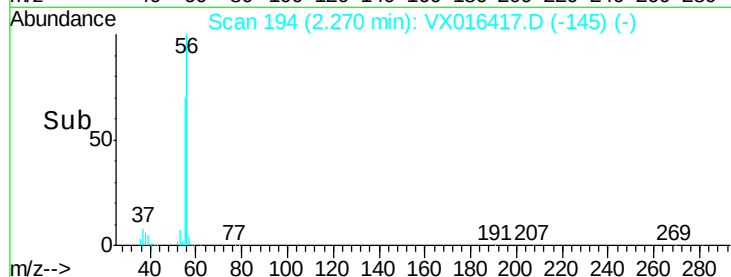
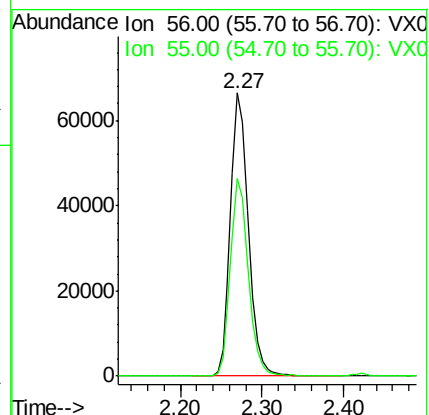
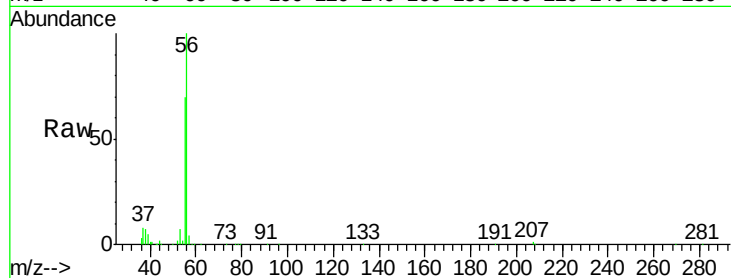
ClientSampleId :

Tot Ion: 56 Resp: 101246

Ion Ratio Lower Upper

56 100

55 69.2 56.5 84.7



#14

Allyl chloride

Concen: 47.994 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

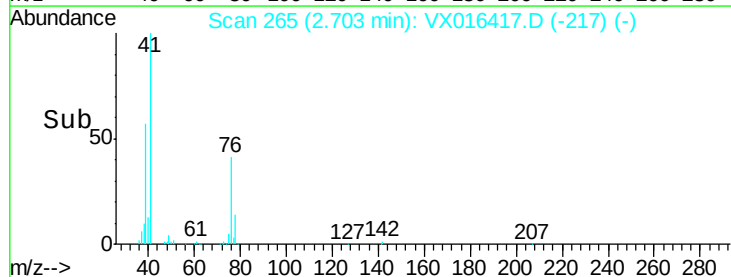
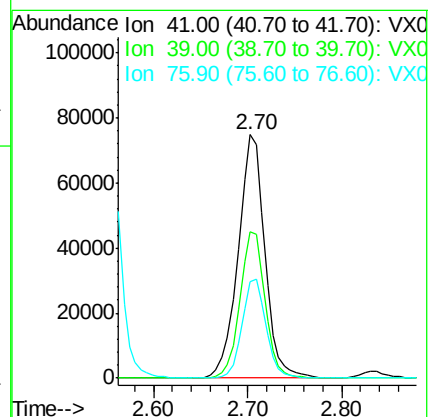
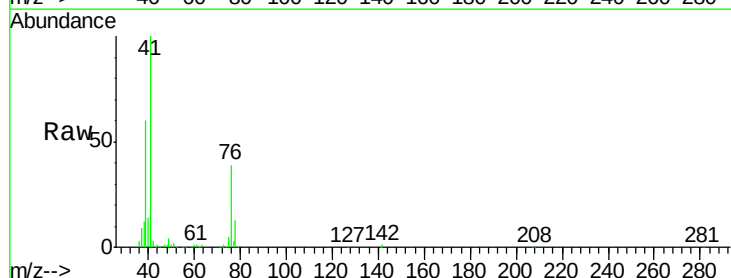
Tgt Ion: 41 Resp: 147693

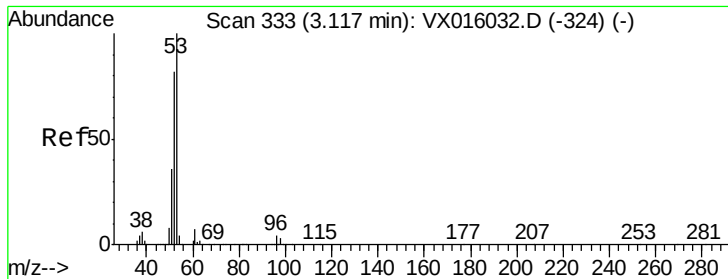
Ion Ratio Lower Upper

41 100

39 56.7 50.5 75.7

76 36.6 26.6 40.0





#15

Acrylonitrile

Concen: 297.127 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

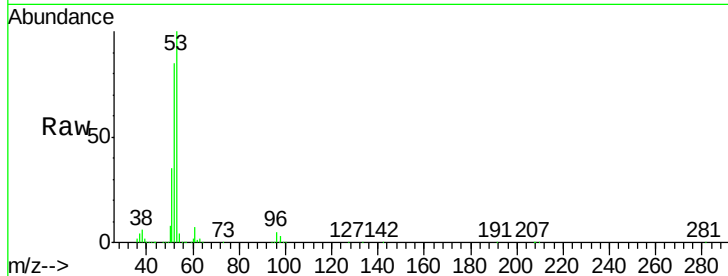
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 331160

Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.1	99.1
51	35.0	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

3.12

200000

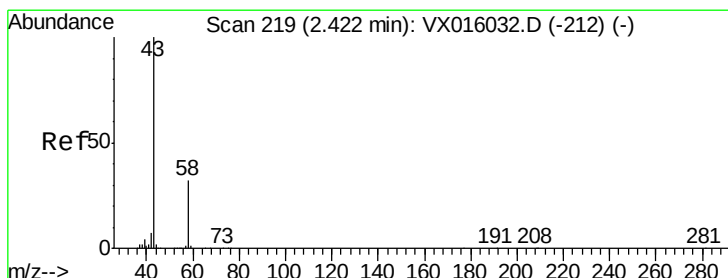
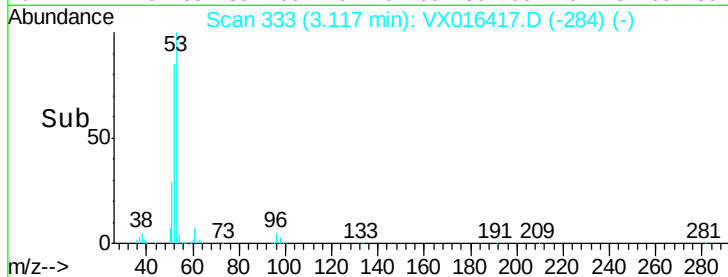
150000

100000

50000

0

Time--> 3.00 3.10 3.20



#16

Acetone

Concen: 263.881 ug/l

RT: 2.42 min Scan# 219

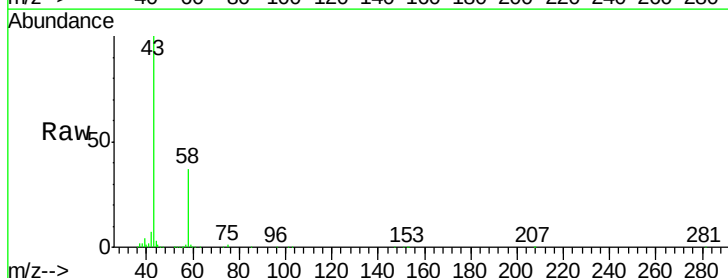
Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Tgt Ion: 43 Resp: 250153

Ion	Ratio	Lower	Upper
43	100		
58	36.6	25.4	38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

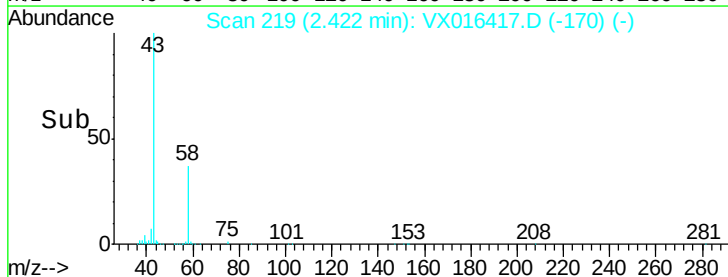
150000

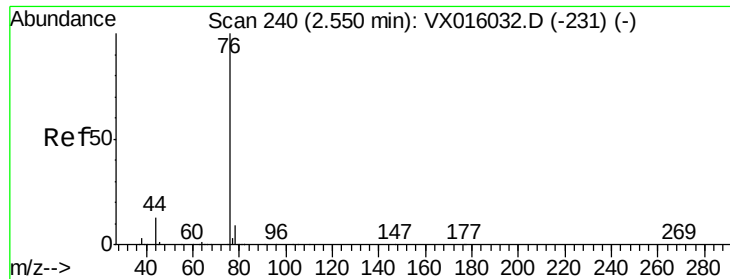
100000

50000

0

Time--> 2.30 2.40 2.50

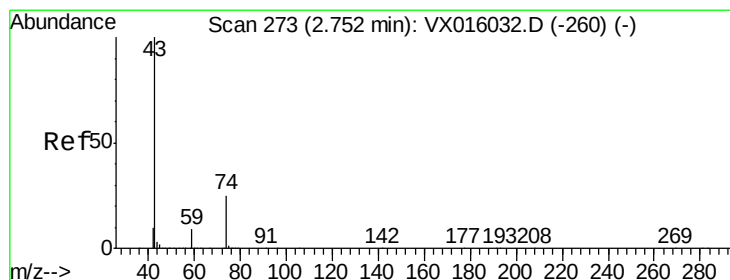
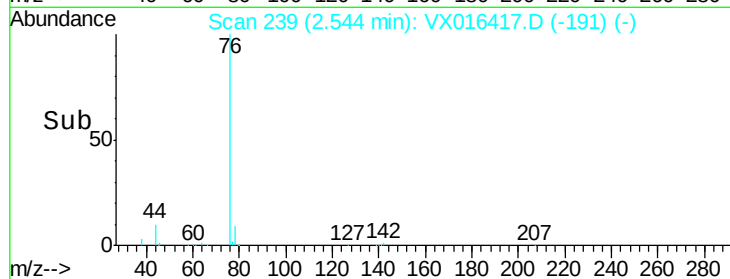
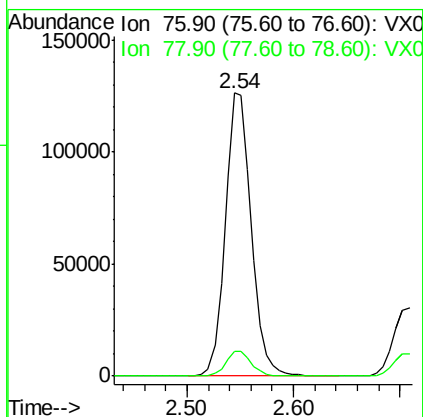
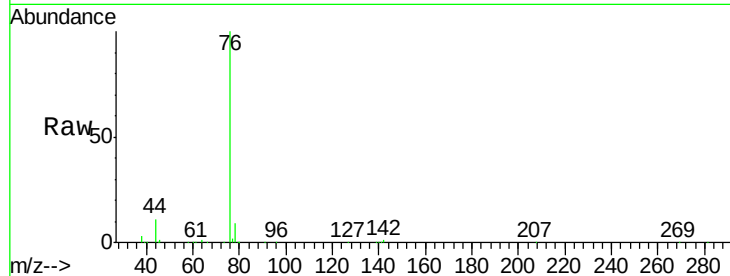




#17
Carbon Disulfide
Concen: 42.566 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

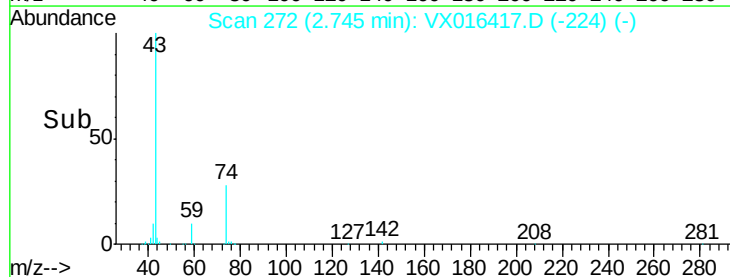
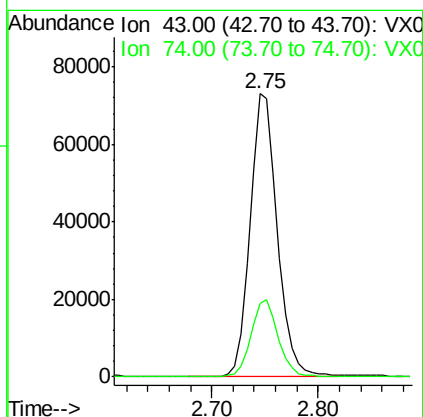
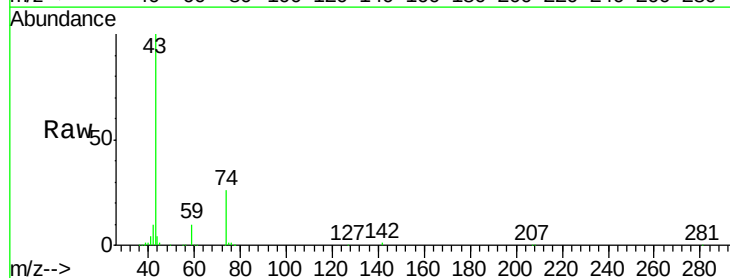
Instrument :
MSVOA_X
ClientSampleId :

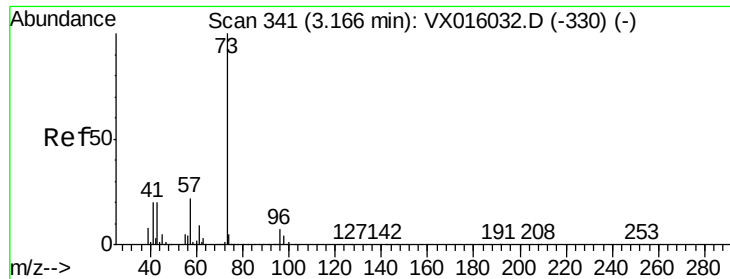
Tot Ion: 76 Resp: 214694
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



#18
Methyl Acetate
Concen: 55.977 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Tgt Ion: 43 Resp: 130474
Ion Ratio Lower Upper
43 100
74 27.5 20.2 30.2



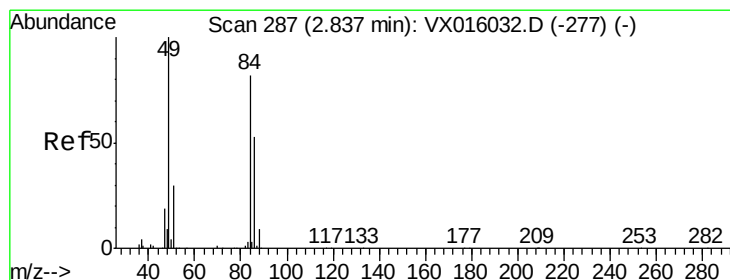
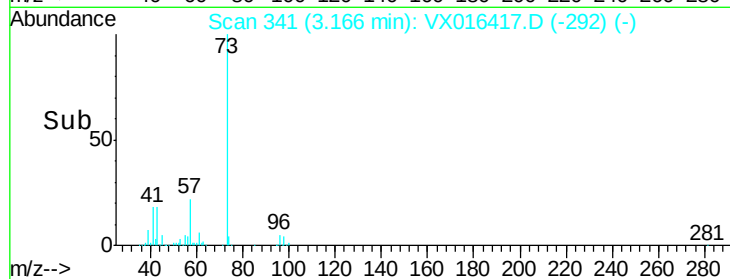
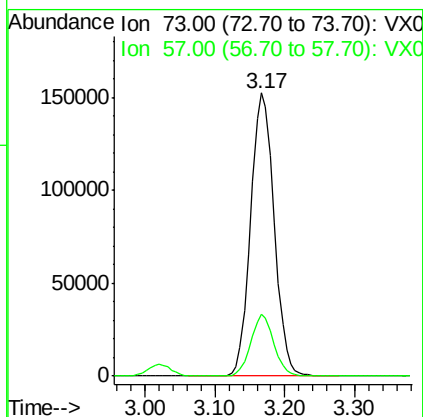
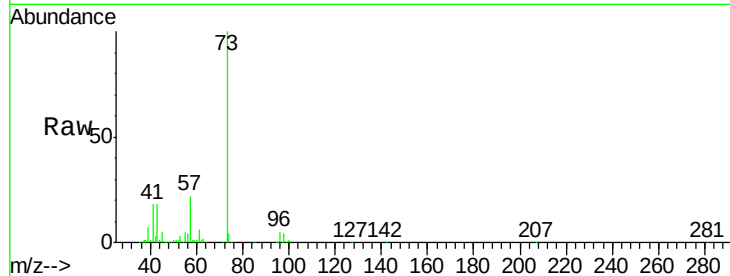


#19

Methyl tert-butyl Ether
 Concen: 61.574 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016417.D
 Acq: 22 May 2020 17:07

Instrument :
 MSVOA_X
 ClientSampleId :

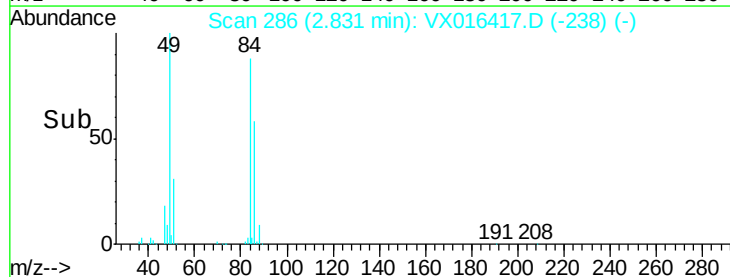
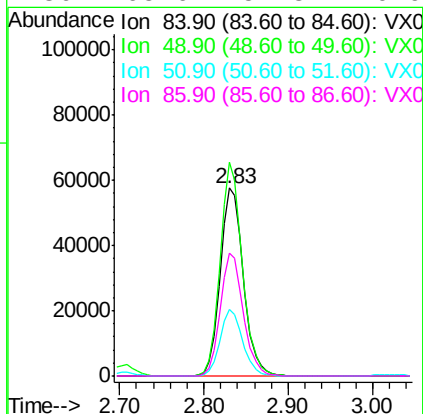
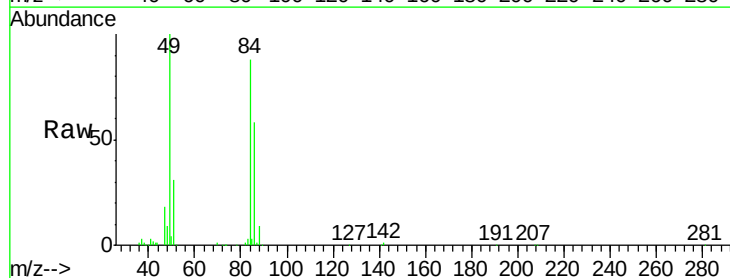
Tot Ion: 73 Resp: 356253
 Ion Ratio Lower Upper
 73 100
 57 21.7 17.8 26.6

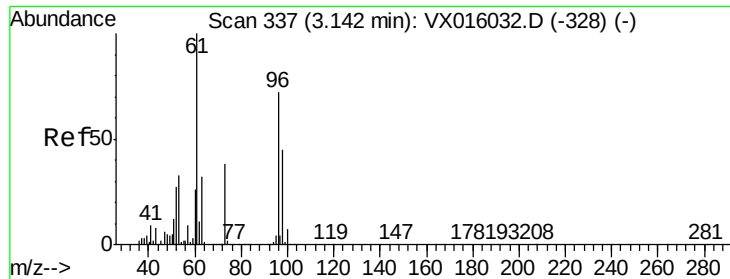


#20

Methylene Chloride
 Concen: 55.939 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016417.D
 Acq: 22 May 2020 17:07

Tgt Ion: 84 Resp: 109319
 Ion Ratio Lower Upper
 84 100
 49 113.7 97.3 145.9
 51 35.4 29.3 43.9
 86 65.6 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 52.113 ug/l

RT: 3.14 min Scan# 337

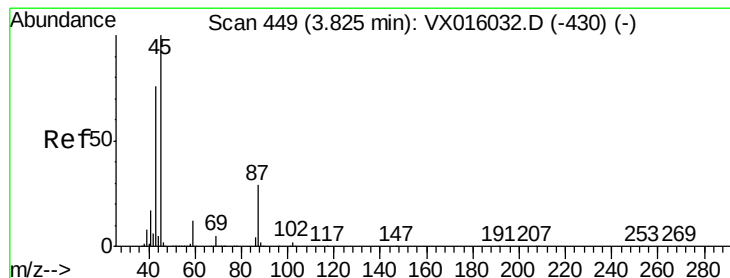
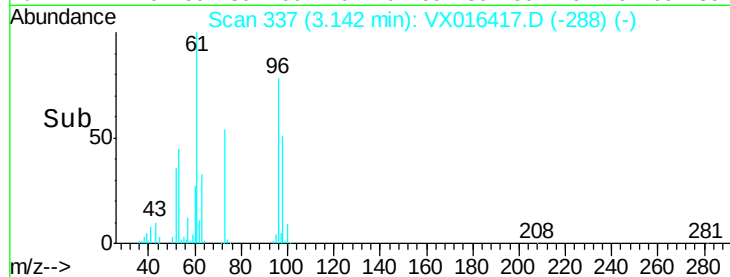
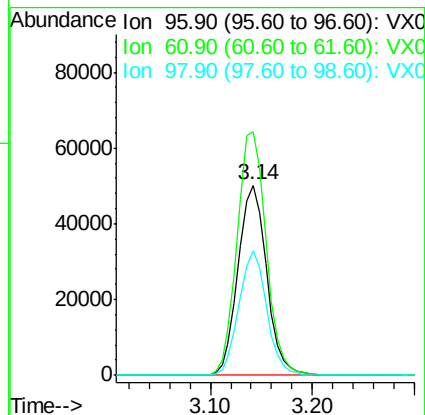
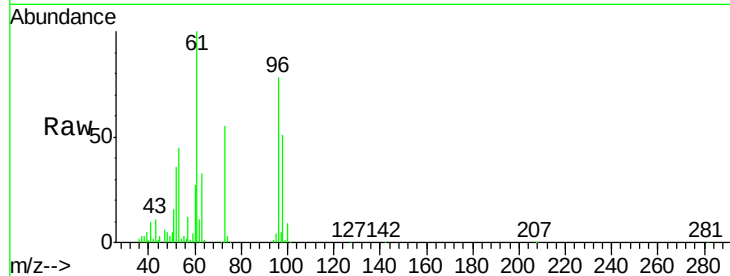
Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	96	Resp:	97467
Ion	Ratio	Lower	Upper
96	100		
61	128.1	111.2	166.8
98	65.3	50.2	75.4



#22

Diisopropyl ether

Concen: 53.991 ug/l

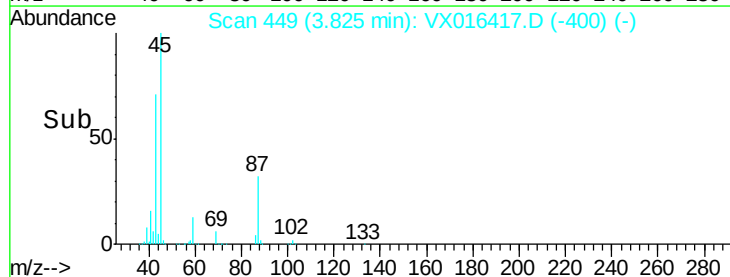
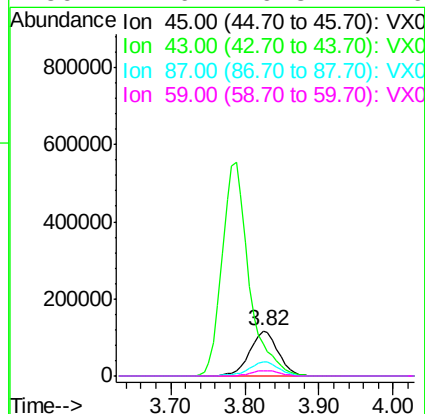
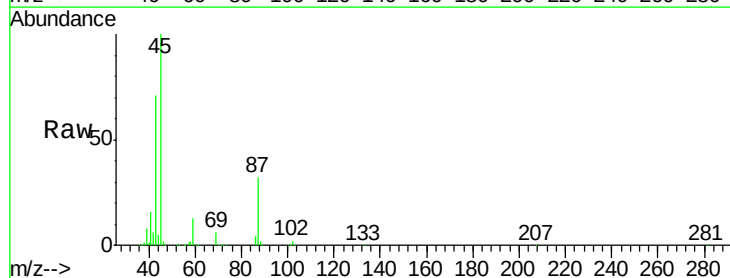
RT: 3.82 min Scan# 449

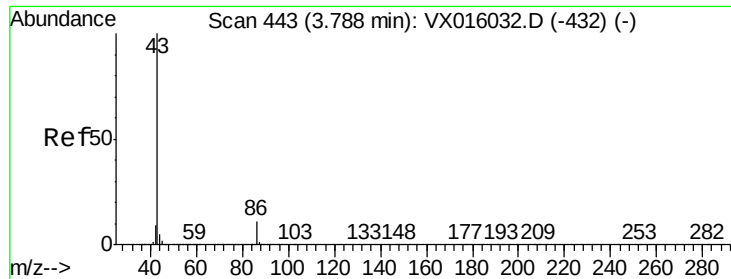
Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Tgt Ion:	45	Resp:	313448
Ion	Ratio	Lower	Upper
45	100		
43	70.7	61.1	91.7
87	31.9	23.0	34.6
59	12.6	9.8	14.6





#23

Vinyl Acetate

Concen: 272.992 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

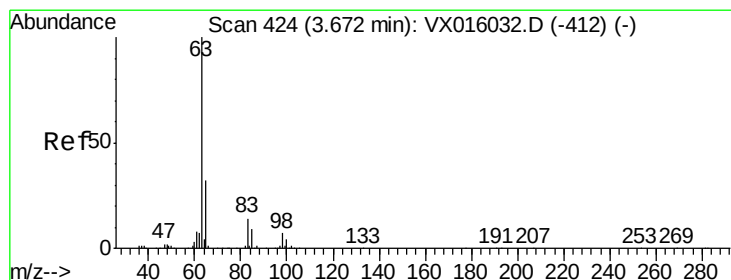
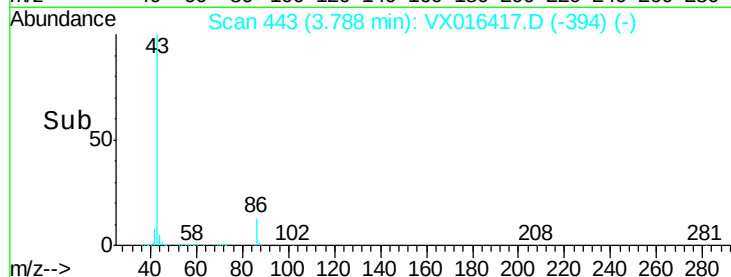
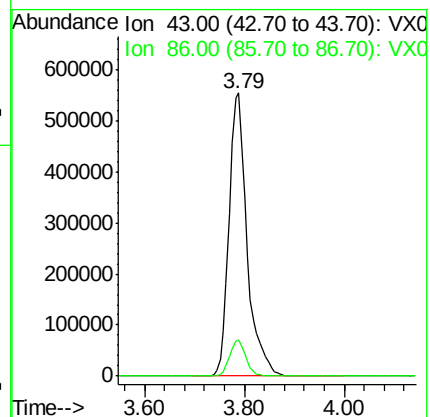
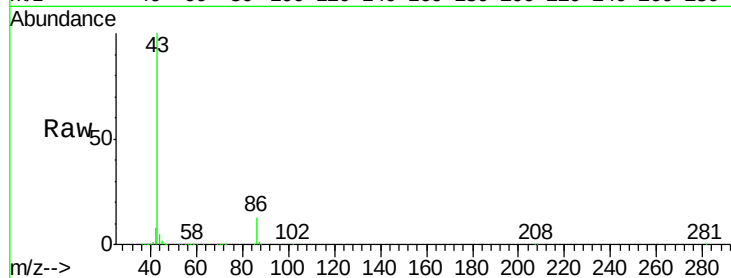
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1394352

Ion Ratio Lower Upper

43 100

86 12.7 9.0 13.4



#24

1,1-Dichloroethane

Concen: 55.138 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

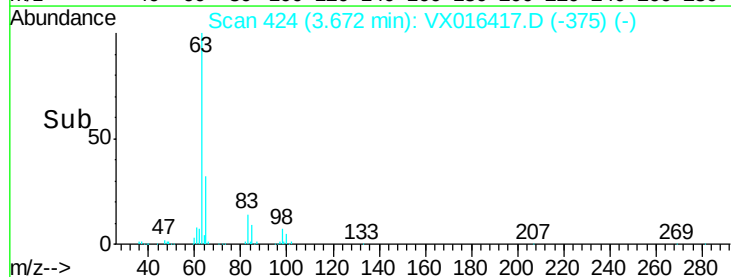
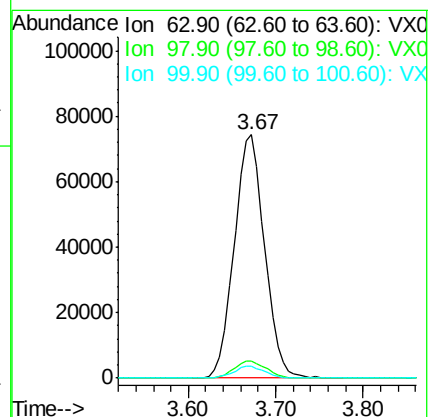
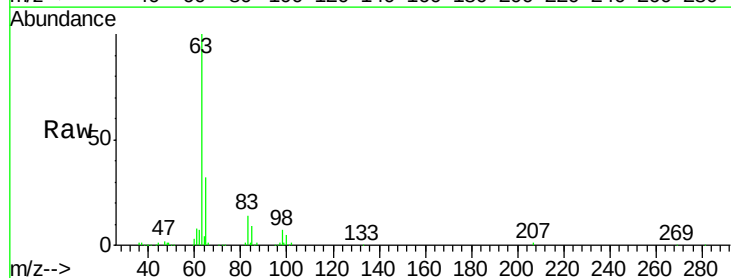
Tgt Ion: 63 Resp: 179068

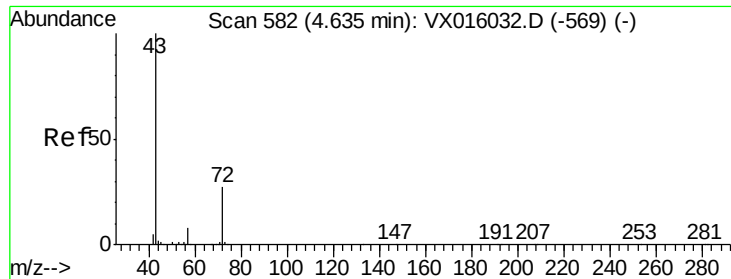
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

100 4.8 2.1 6.5

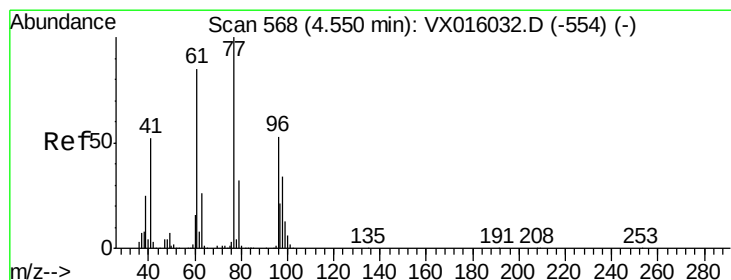
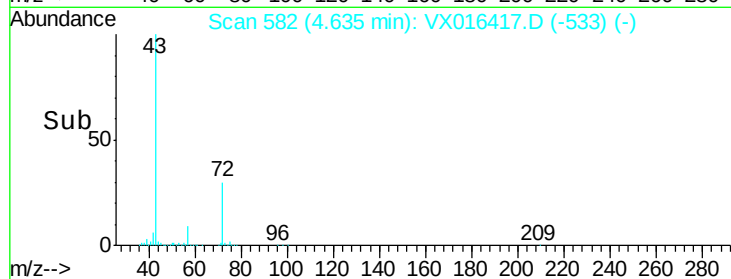
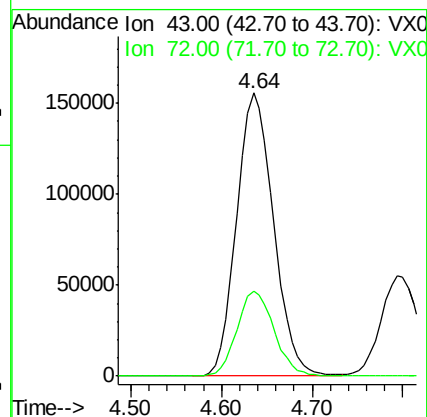
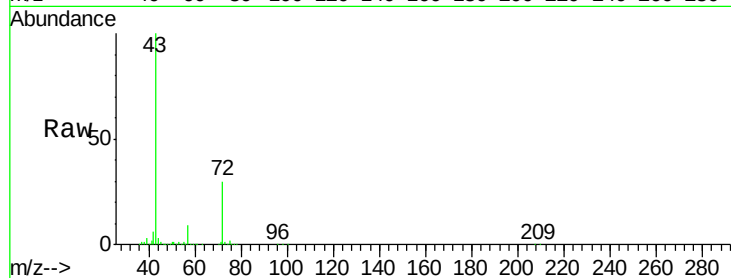




#25
2-Butanone
Concen: 286.857 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

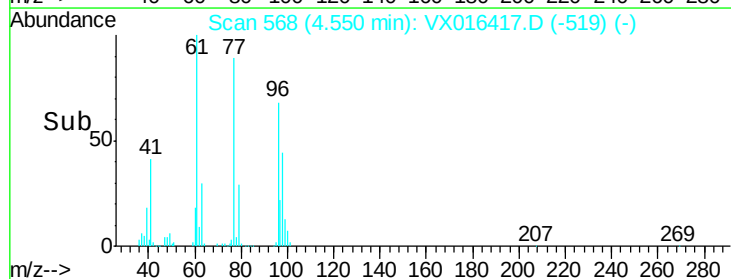
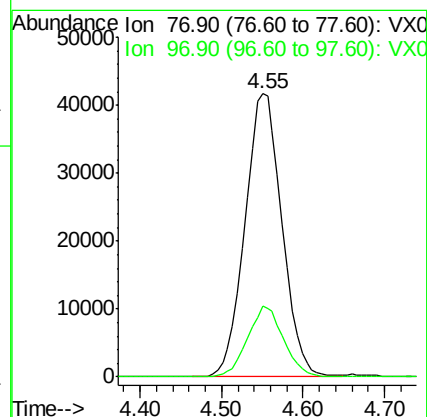
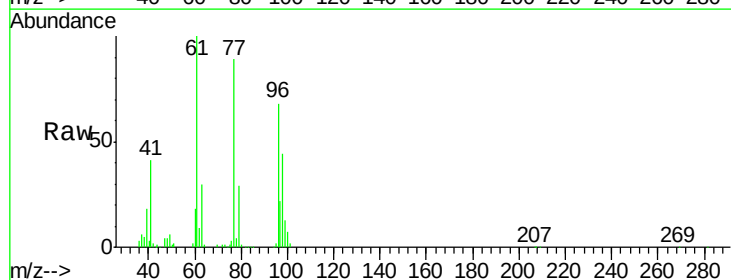
Instrument :
MSVOA_X
ClientSampleId :

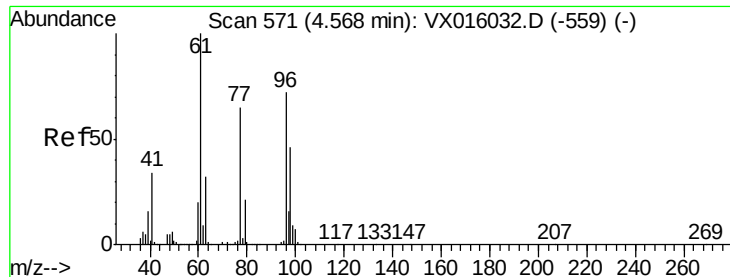
Tot Ion: 43 Resp: 438194
Ion Ratio Lower Upper
43 100
72 30.1 21.8 32.8



#26
2,2-Dichloropropane
Concen: 44.308 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Tgt Ion: 77 Resp: 131413
Ion Ratio Lower Upper
77 100
97 24.1 11.2 33.6



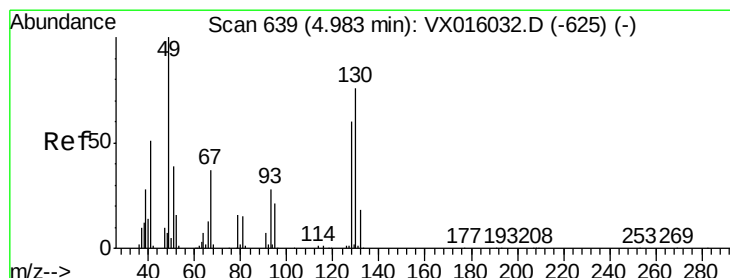
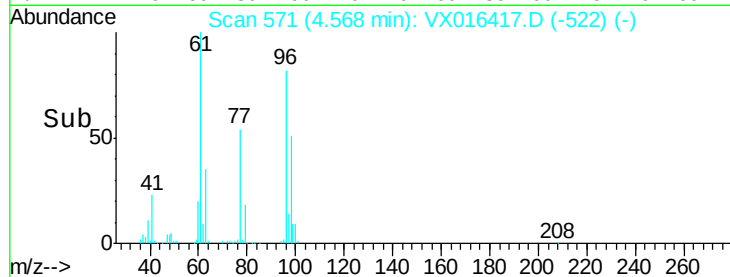
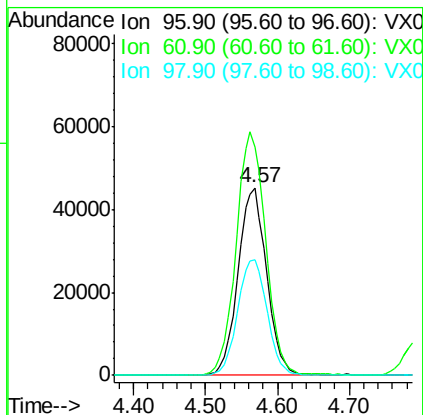
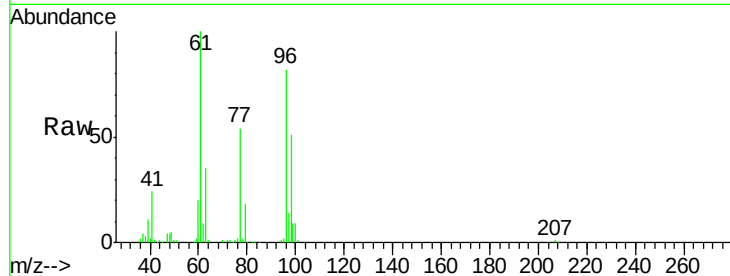


#27

cis-1,2-Dichloroethene
Concen: 61.088 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Instrument :
MSVOA_X
ClientSampleId :

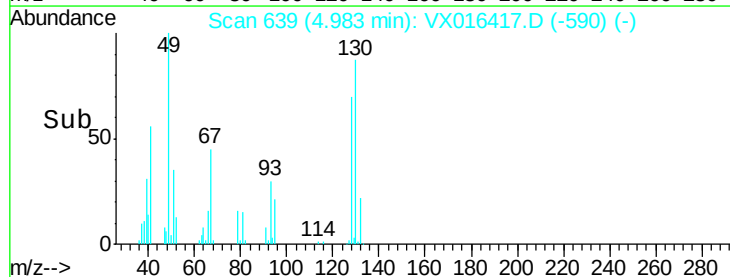
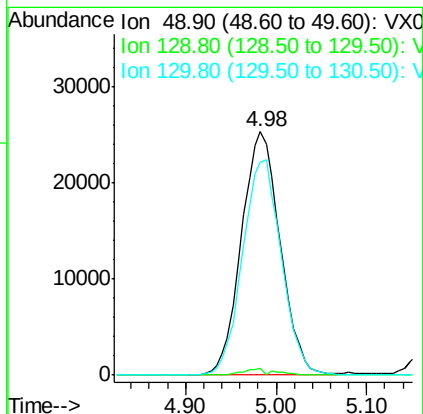
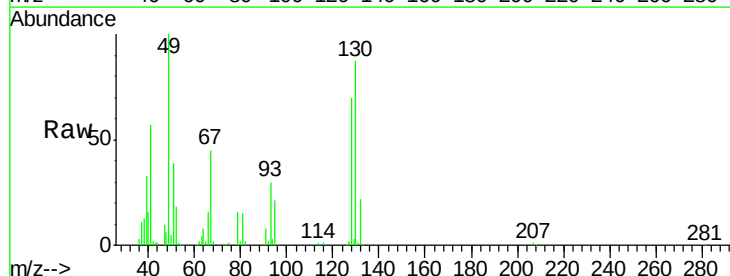
Tot Ion	96	Resp	124906
Ion Ratio	Lower	Upper	
96	100		
61	133.8	0.0	296.2
98	63.6	0.0	129.4

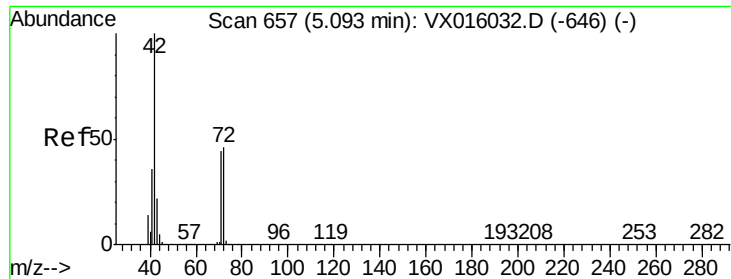


#28

Bromochloromethane
Concen: 50.634 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Tgt Ion	49	Resp	74983
Ion Ratio	Lower	Upper	
49	100		
129	1.4	0.0	4.0
130	0.0	62.4	93.6#

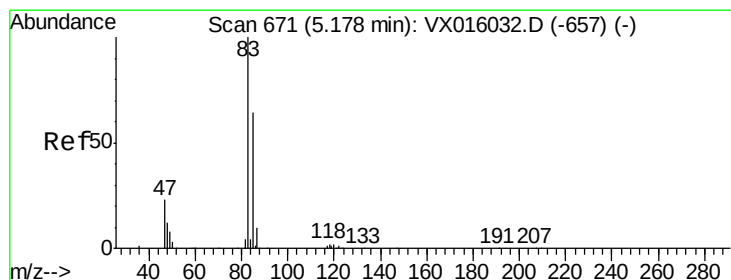
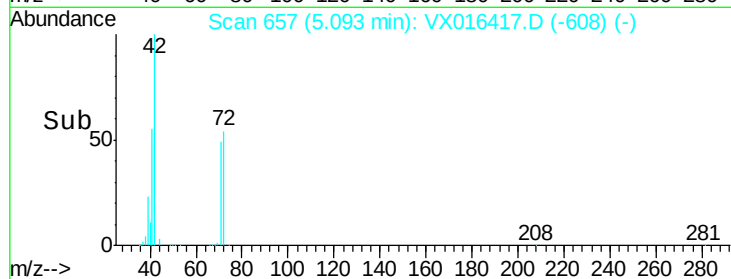
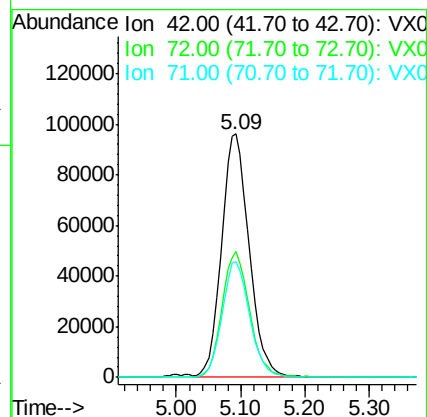
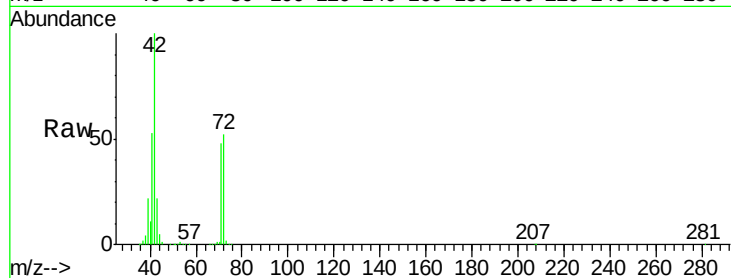




#29
Tetrahydrofuran
Concen: 285.622 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

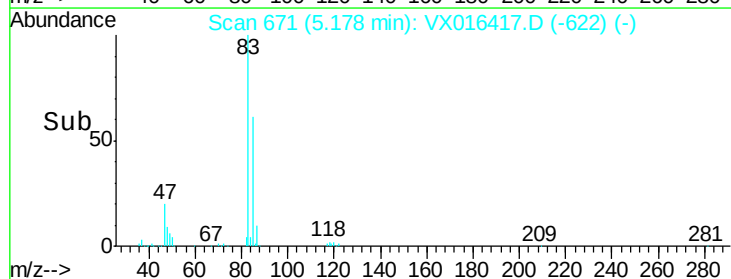
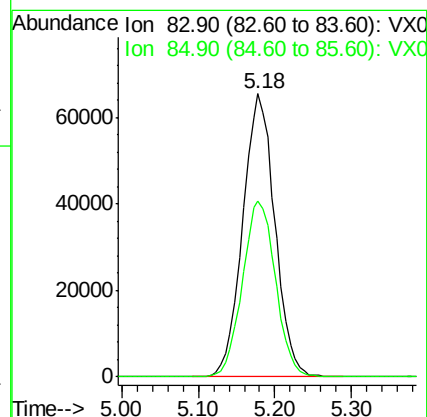
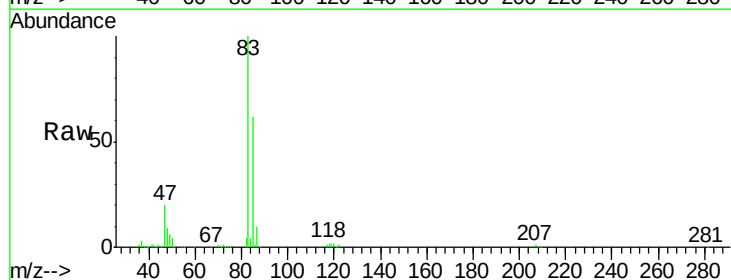
Instrument :
MSVOA_X
ClientSampleId :

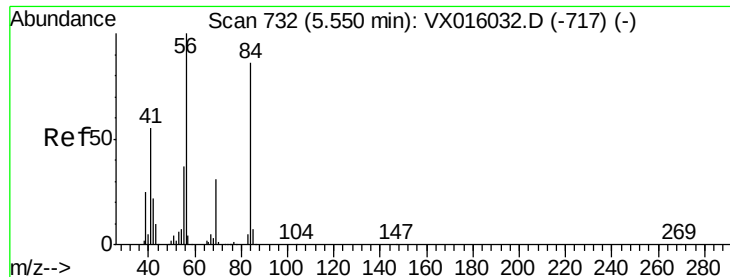
Tot Ion: 42 Resp: 289098
Ion Ratio Lower Upper
42 100
72 52.1 37.1 55.7
71 47.8 34.5 51.7



#30
Chloroform
Concen: 58.995 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Tgt Ion: 83 Resp: 190763
Ion Ratio Lower Upper
83 100
85 62.0 51.6 77.4

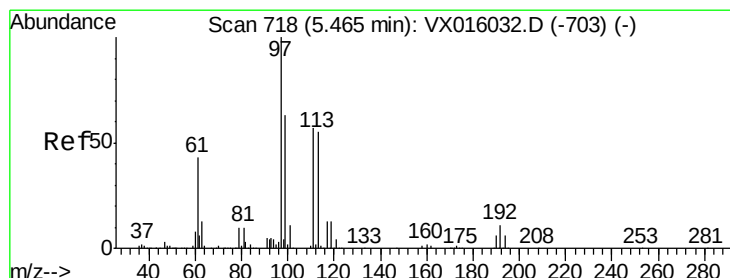
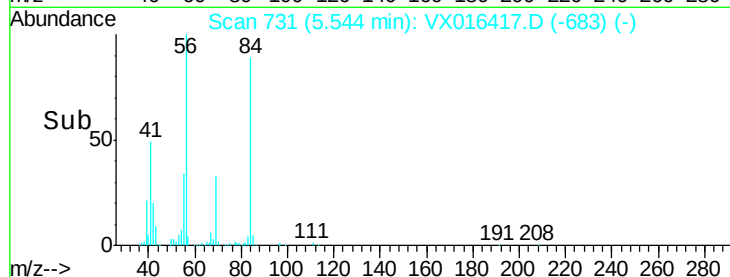
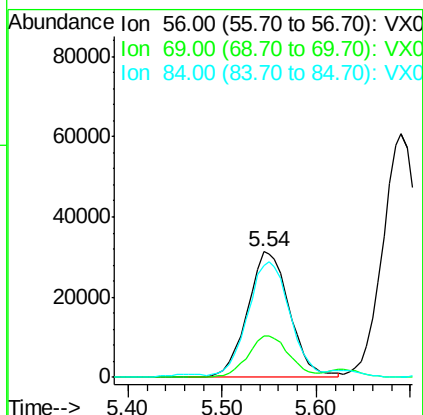
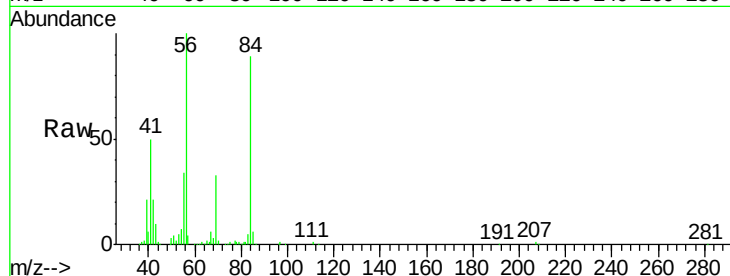




#31
Cyclohexane
Concen: 33.012 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

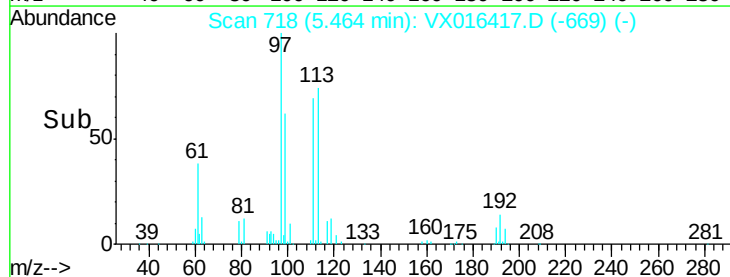
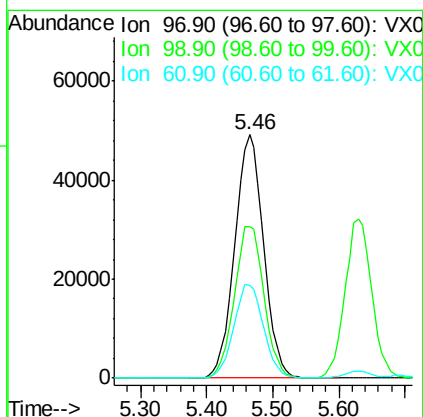
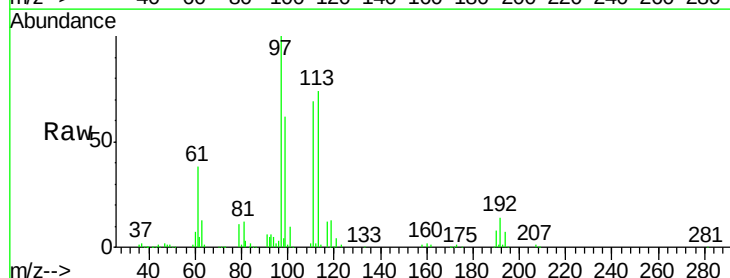
Instrument :
MSVOA_X
ClientSampleId :

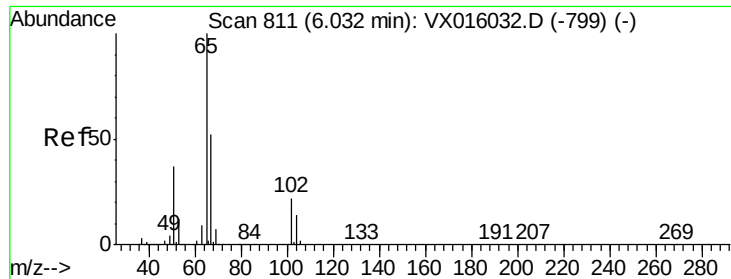
Tot Ion: 56 Resp: 97436
Ion Ratio Lower Upper
56 100
69 32.7 25.0 37.6
84 86.9 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 50.612 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Tgt Ion: 97 Resp: 148761
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.4
61 39.6 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 56.643 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

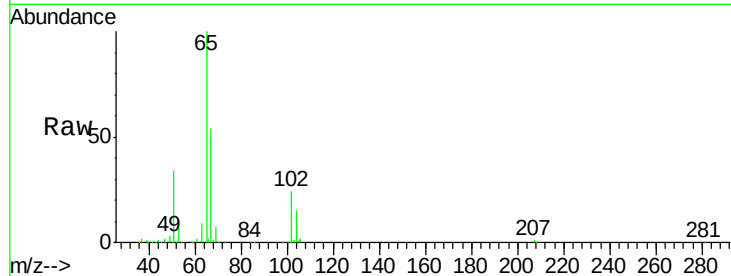
ClientSampleId :

Tot Ion: 65 Resp: 120343

Ion Ratio Lower Upper

65 100

67 53.2 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

50000

40000

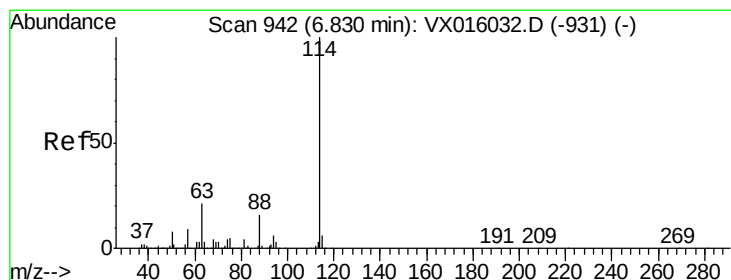
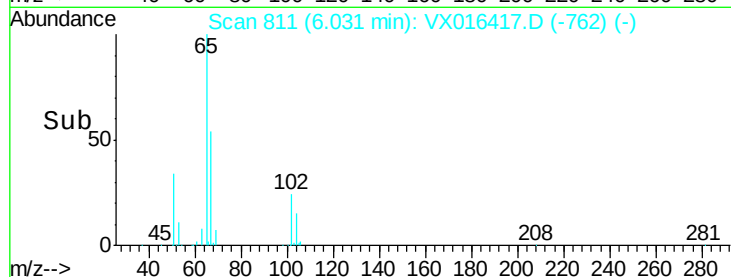
30000

20000

10000

0

Time--> 5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

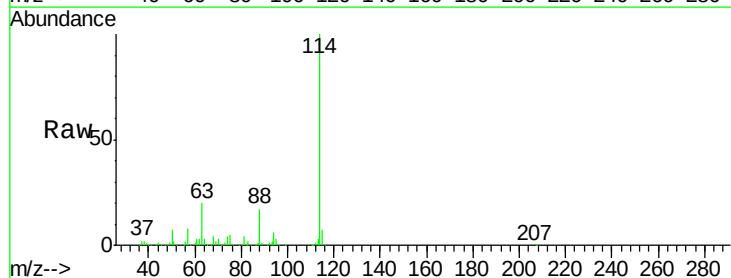
Tgt Ion: 114 Resp: 296268

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.8

88 16.8 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.83

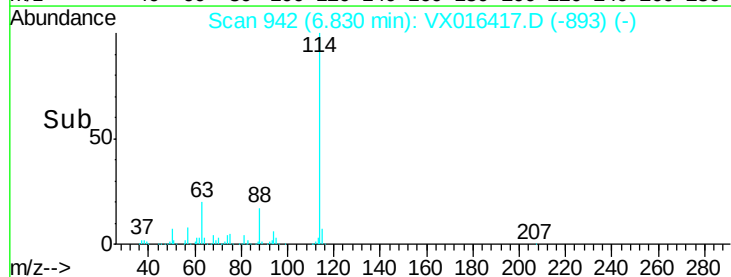
150000

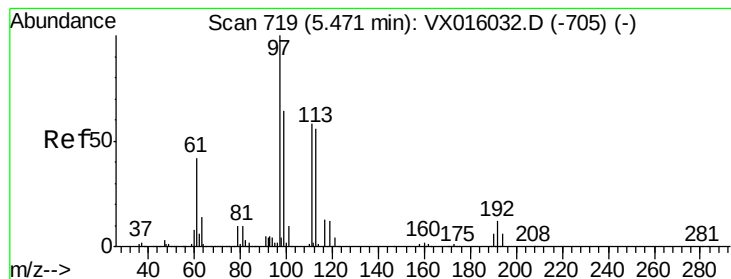
100000

50000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 53.258 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

ClientSampleId :

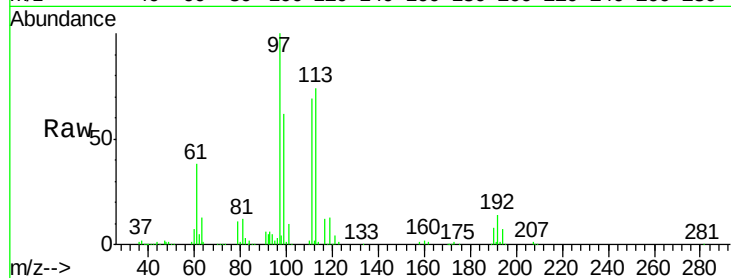
Tot Ion:113 Resp: 99964

Ion Ratio Lower Upper

113 100

111 101.2 81.6 122.4

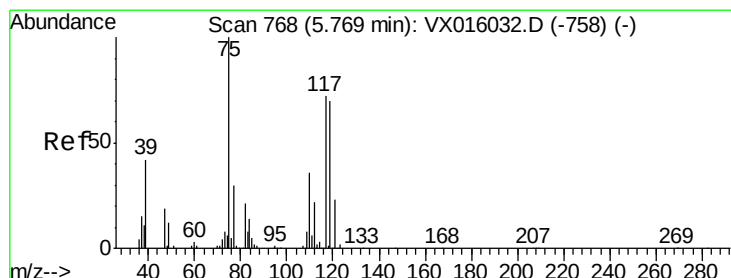
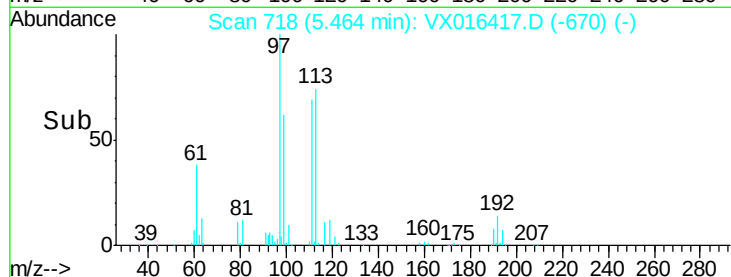
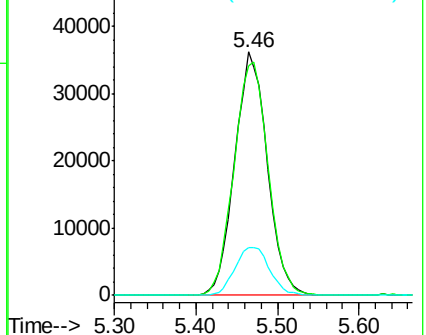
192 21.2 17.0 25.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 39.308 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

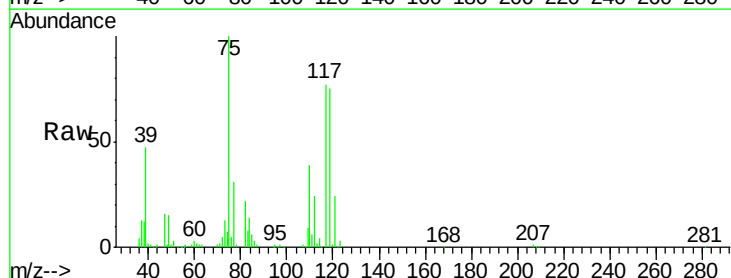
Tgt Ion: 75 Resp: 114635

Ion Ratio Lower Upper

75 100

110 37.2 18.1 54.1

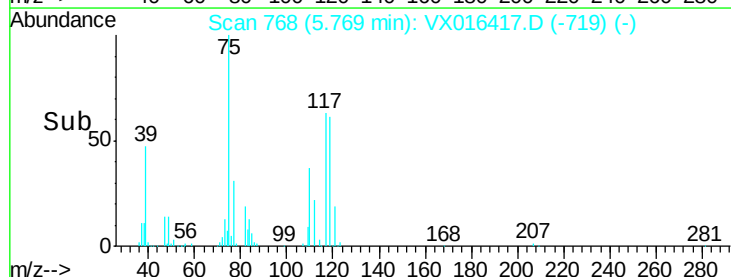
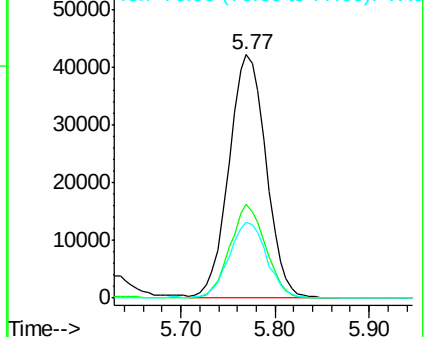
77 31.6 25.0 37.6

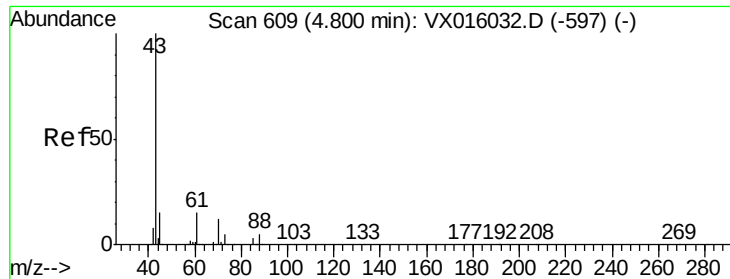


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

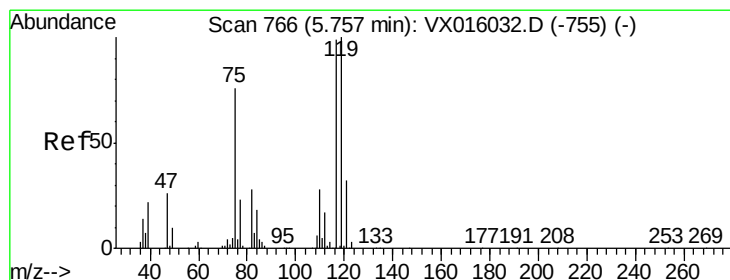
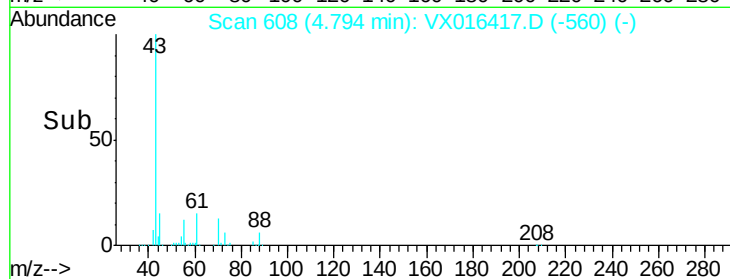
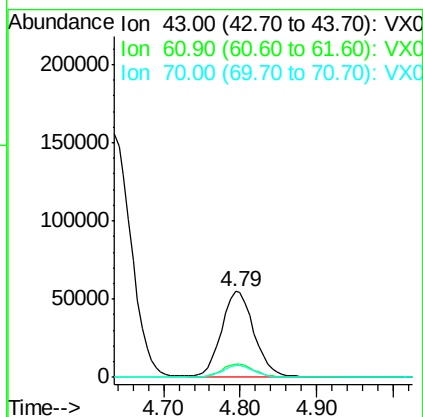
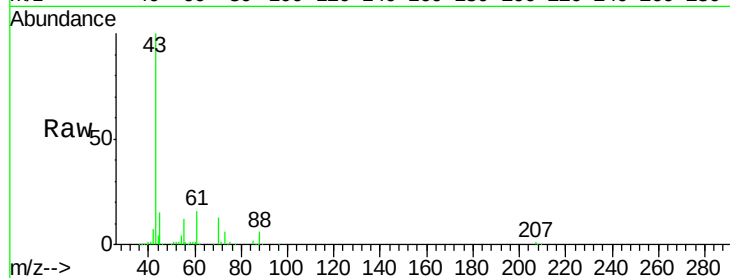




#37
Ethyl Acetate
Concen: 47.768 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

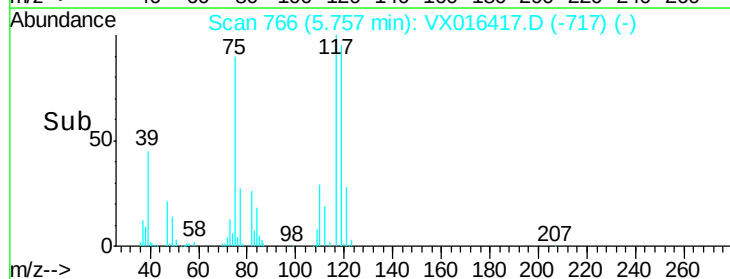
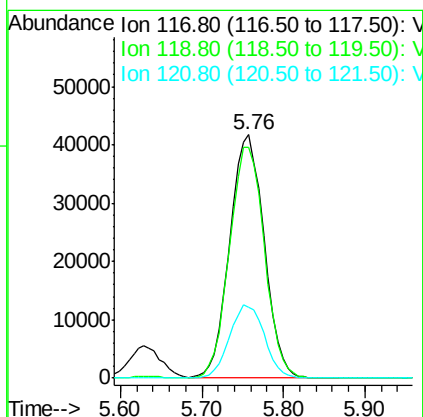
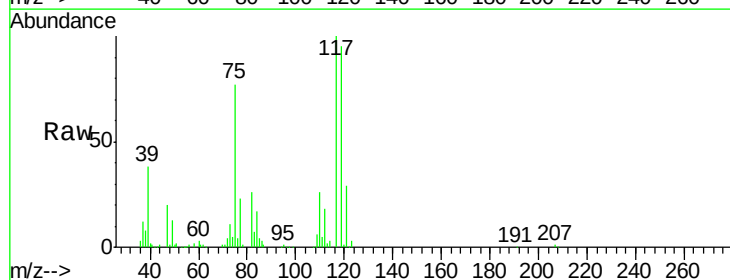
Instrument :
MSVOA_X
ClientSampleId :

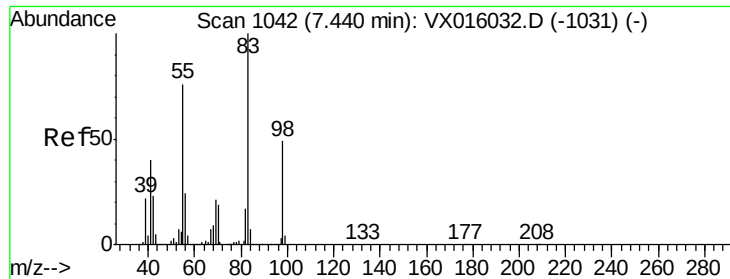
Tot Ion	43	Resp	161462
Ion Ratio	Lower	Upper	
43	100		
61	16.0	11.7	17.5
70	13.1	9.3	13.9



#38
Carbon Tetrachloride
Concen: 41.236 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Tgt Ion	117	Resp	122234
Ion Ratio	Lower	Upper	
117	100		
119	94.8	80.3	120.5
121	29.0	25.7	38.5

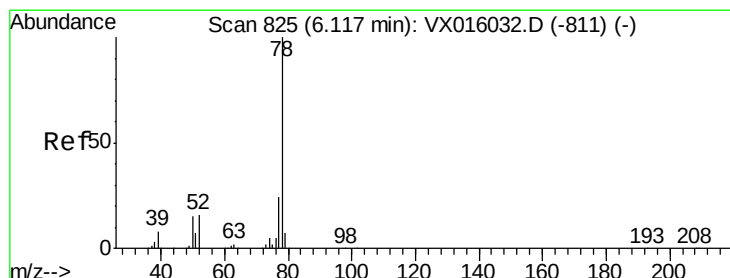
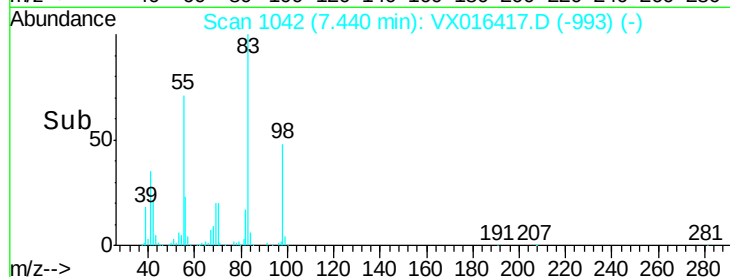
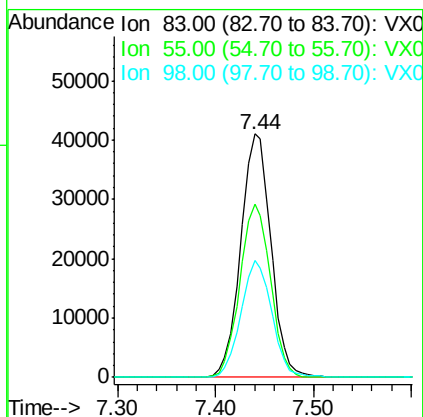
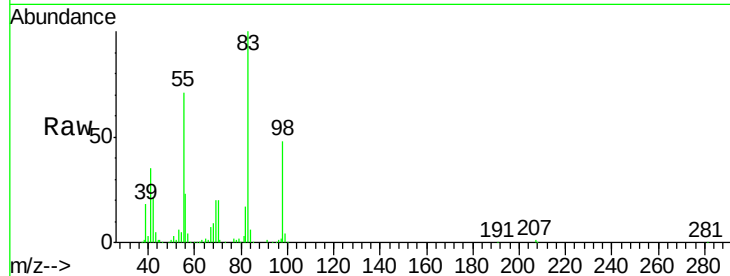




#39
Methylvlcyclohexane
Concen: 25.067 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

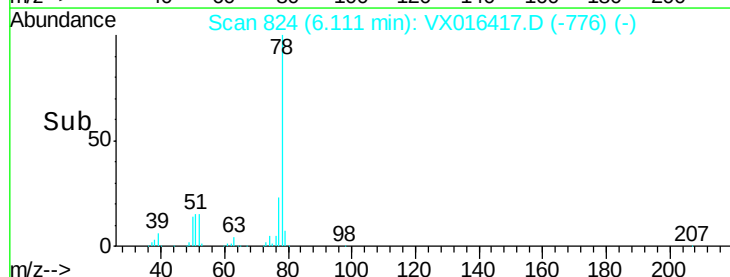
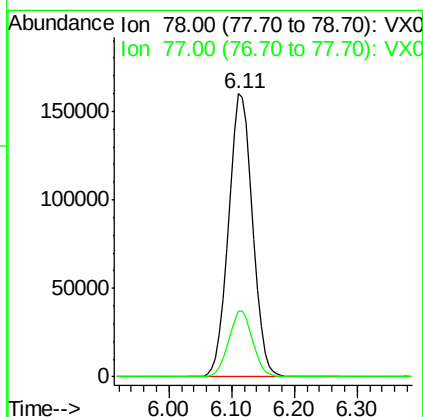
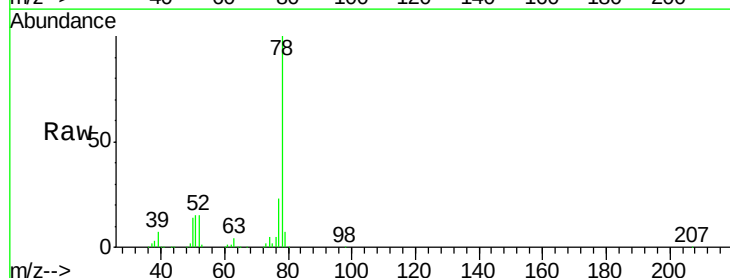
Instrument :
MSVOA_X
ClientSampled :

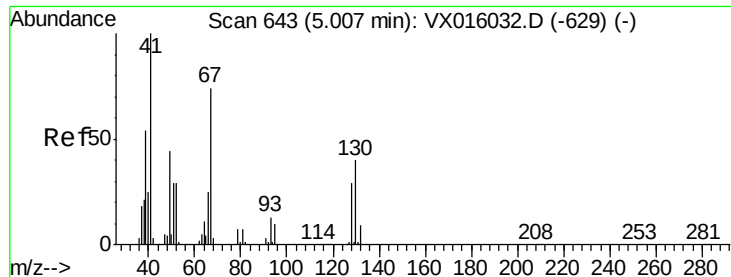
Tot Ion: 83 Resp: 88036
Ion Ratio Lower Upper
83 100
55 71.1 61.1 91.7
98 48.0 39.0 58.4



#40
Benzene
Concen: 49.625 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Tgt Ion: 78 Resp: 423450
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4

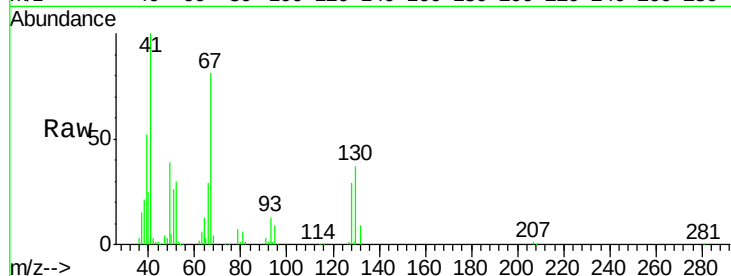




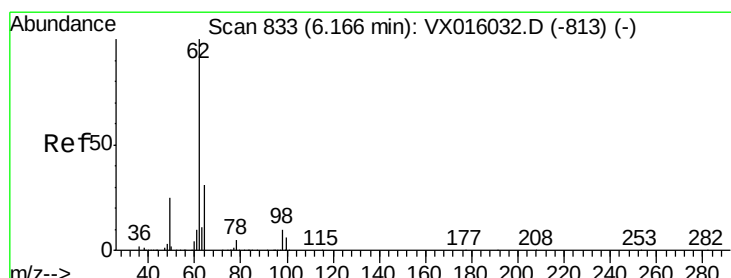
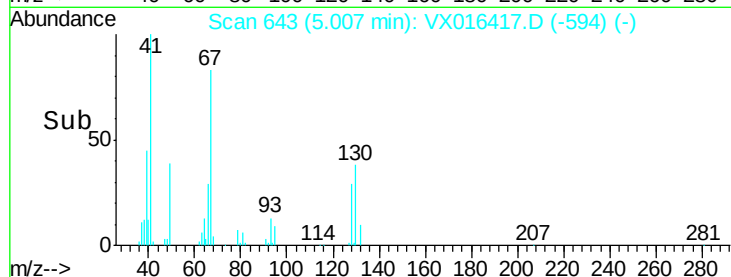
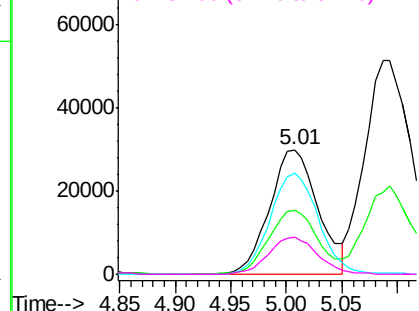
#41
Methacrylonitrile
Concen: 49.737 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	90792
Ion	Ratio	Lower	Upper
41	100		
39	52.7	43.2	64.8
67	81.5	59.3	88.9
52	30.7	23.5	35.3

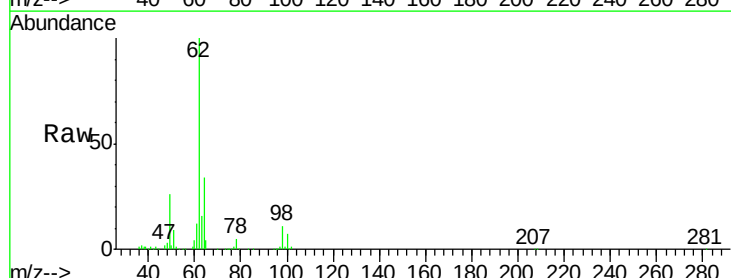


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

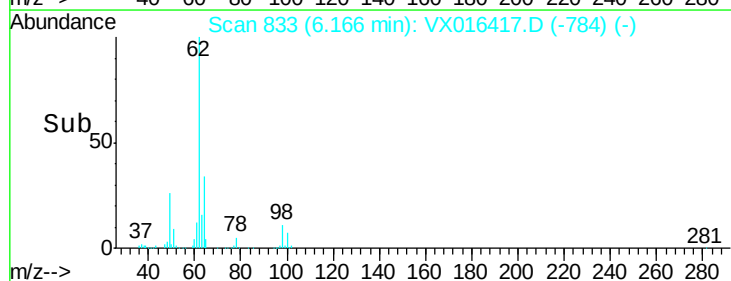
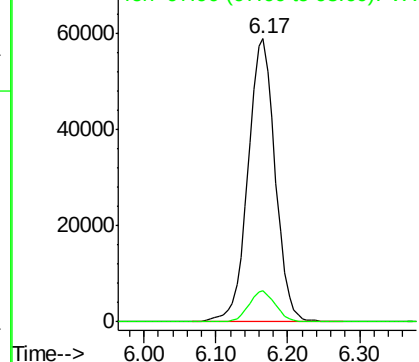


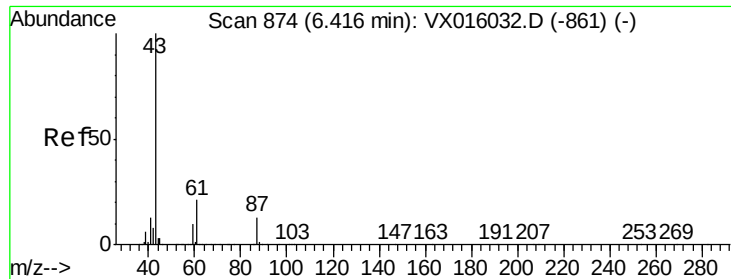
#42
1,2-Dichloroethane
Concen: 50.229 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Tgt Ion:	62	Resp:	154400
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	19.4



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





#43

Isopropyl Acetate

Concen: 47.980 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

ClientSampleId :

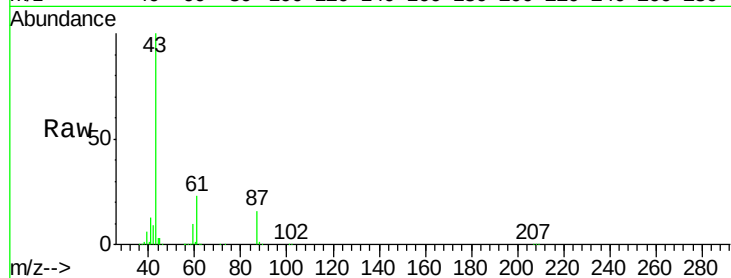
Tot Ion: 43 Resp: 258763

Ion Ratio Lower Upper

43 100

61 23.6 17.0 25.4

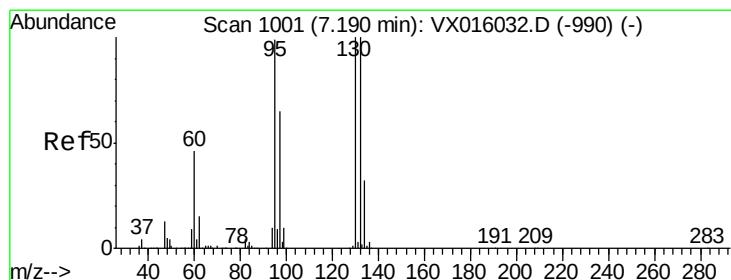
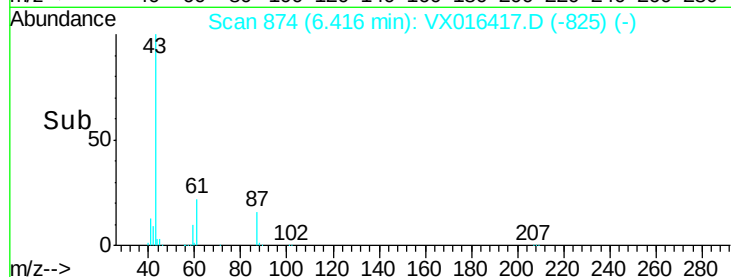
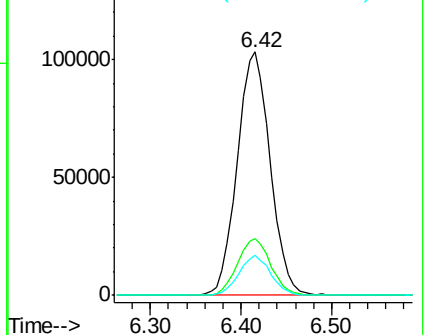
87 15.9 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 40.778 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016417.D

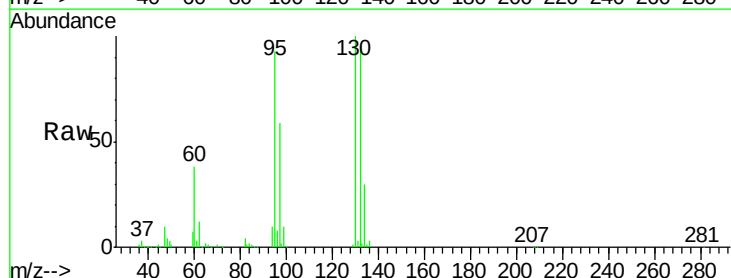
Acq: 22 May 2020 17:07

Tgt Ion:130 Resp: 123617

Ion Ratio Lower Upper

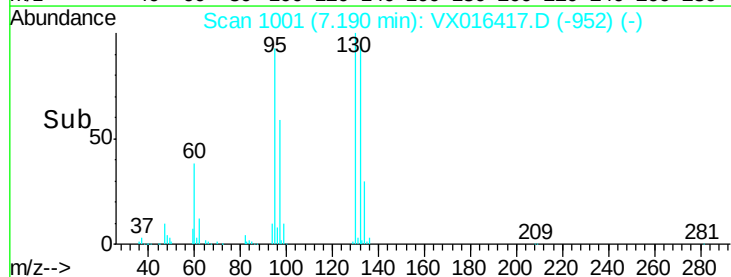
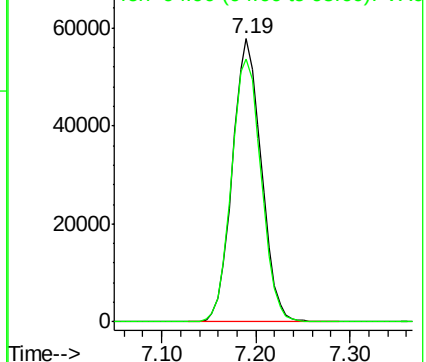
130 100

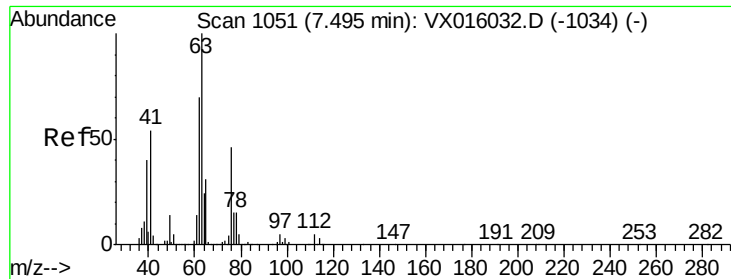
95 92.9 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.638 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

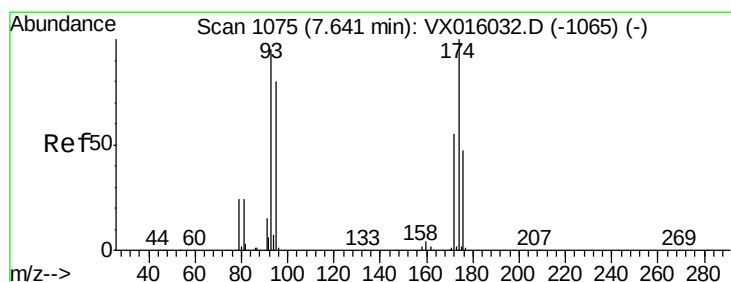
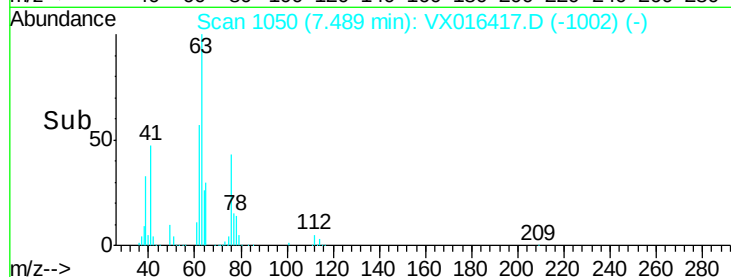
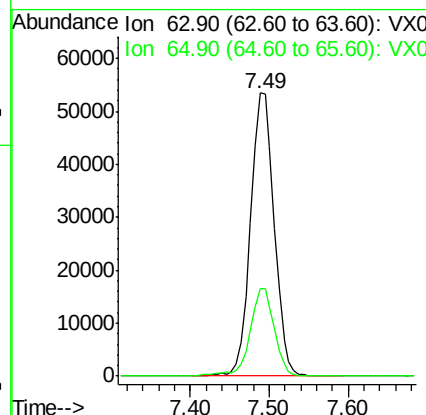
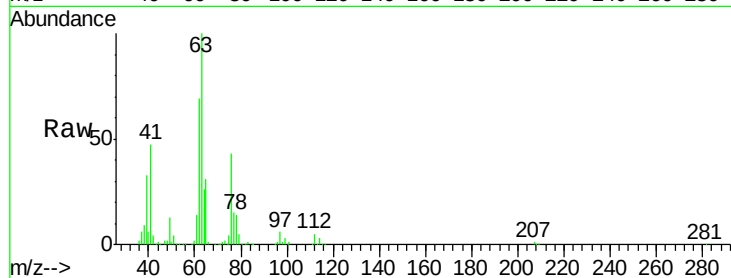
ClientSampleId :

Tot Ion: 63 Resp: 111495

Ion Ratio Lower Upper

63 100

65 31.0 24.4 36.6



#46

Dibromomethane

Concen: 54.129 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

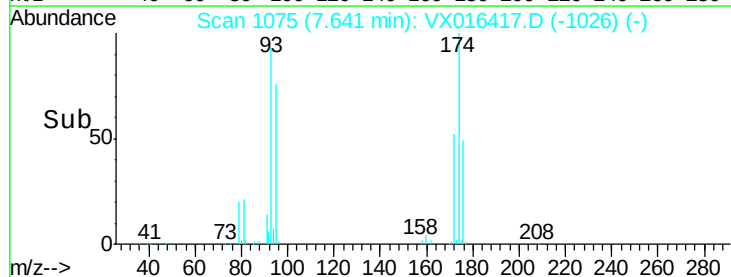
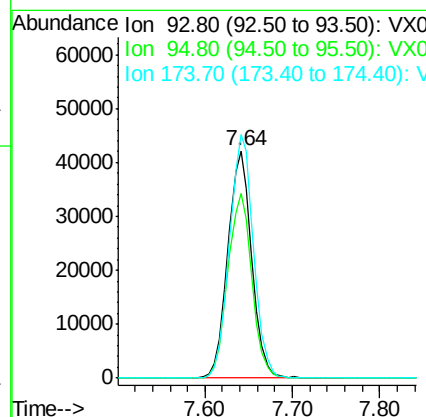
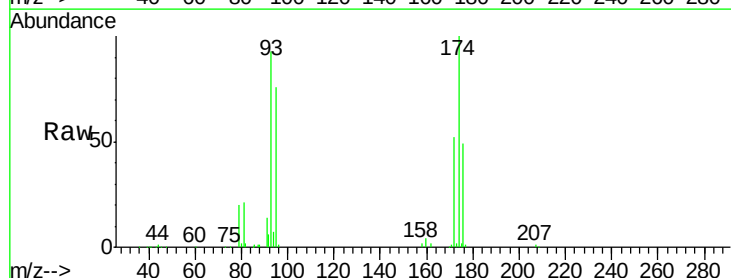
Tgt Ion: 93 Resp: 79424

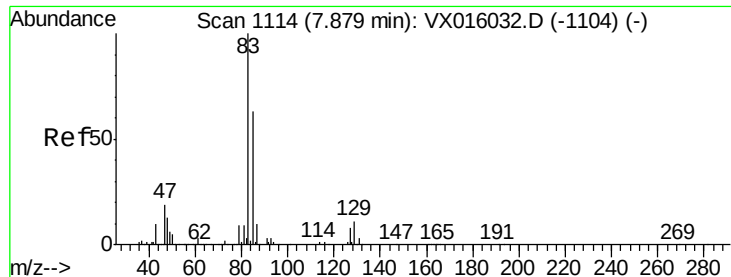
Ion Ratio Lower Upper

93 100

95 82.2 66.6 100.0

174 108.6 84.2 126.4





#47

Bromodichloromethane

Concen: 53.580 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

ClientSampleId :

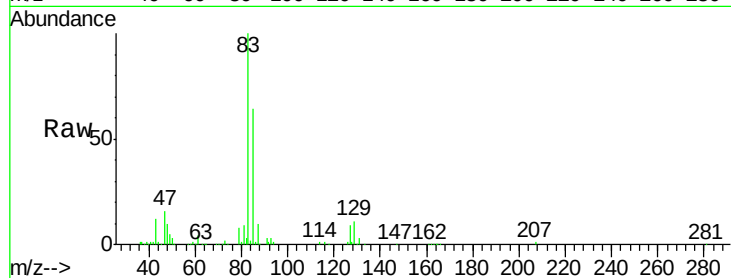
Tot Ion: 83 Resp: 160118

Ion Ratio Lower Upper

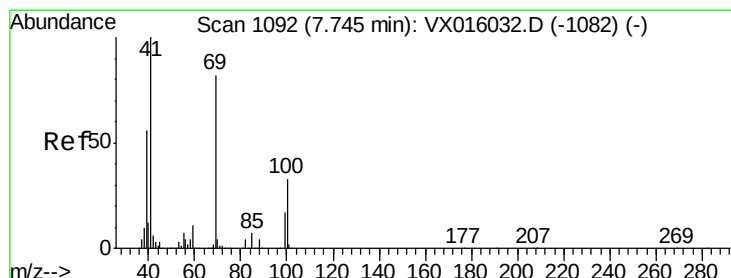
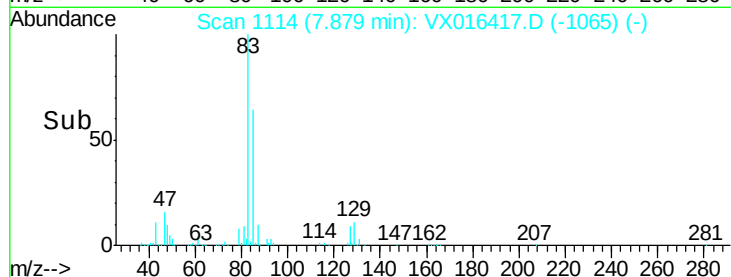
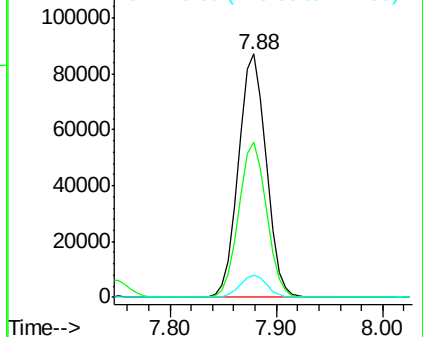
83 100

85 63.7 50.5 75.7

127 9.2 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: 48.824 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

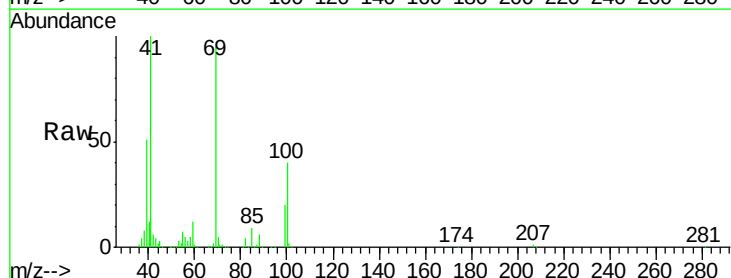
Tgt Ion: 41 Resp: 124771

Ion Ratio Lower Upper

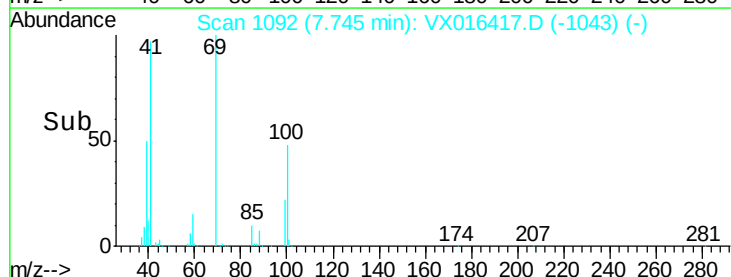
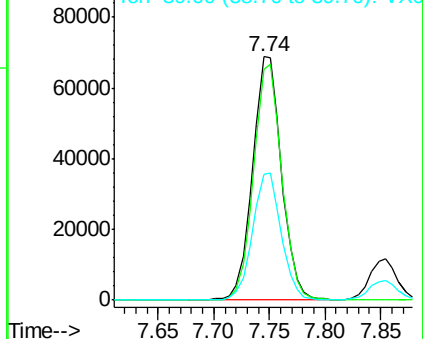
41 100

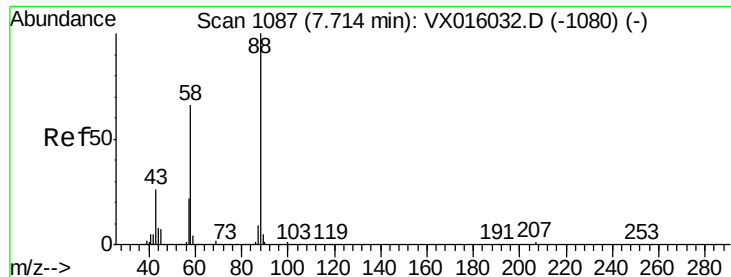
69 94.8 67.8 101.6

39 51.8 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: 1022.473 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

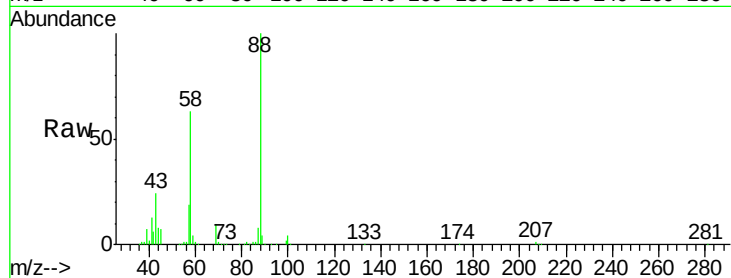
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 88 Resp: 62667

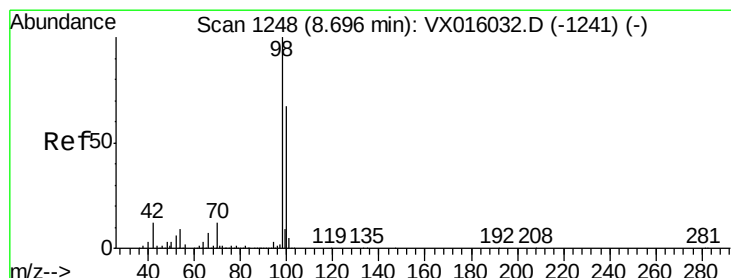
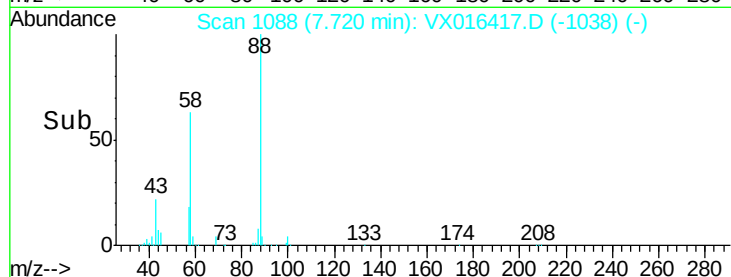
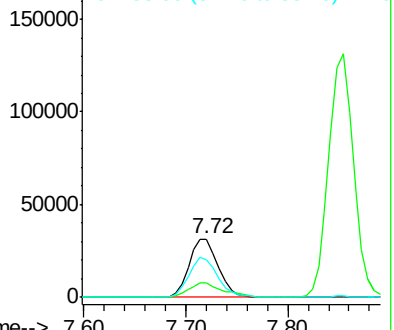
Ion	Ratio	Lower	Upper
88	100		
43	28.0	25.3	37.9
58	68.1	55.9	83.9



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: 49.187 ug/l

RT: 8.70 min Scan# 1248

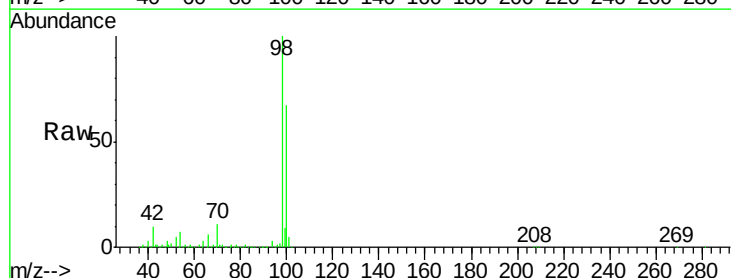
Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

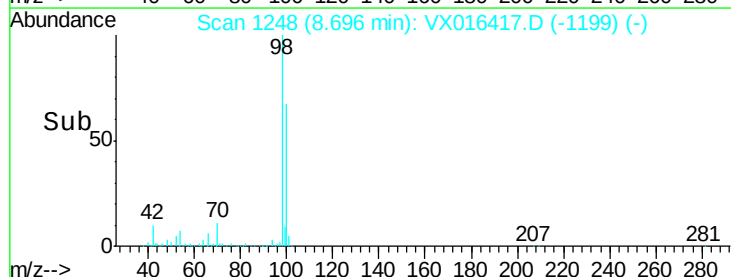
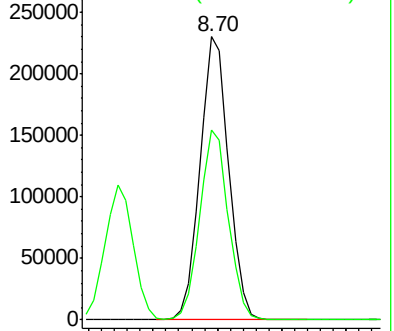
Tgt Ion: 98 Resp: 355725

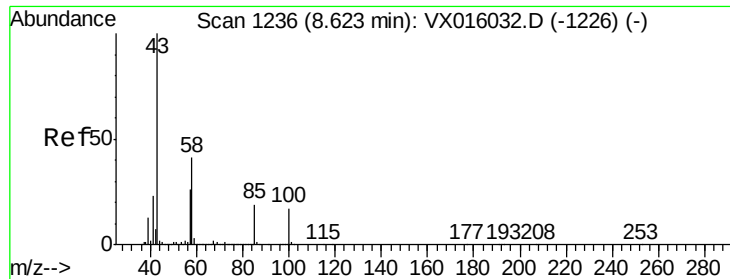
Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.7	80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

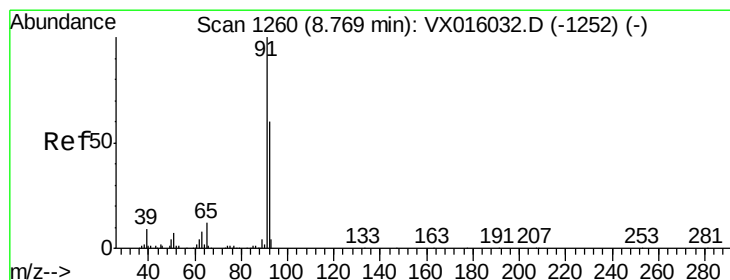
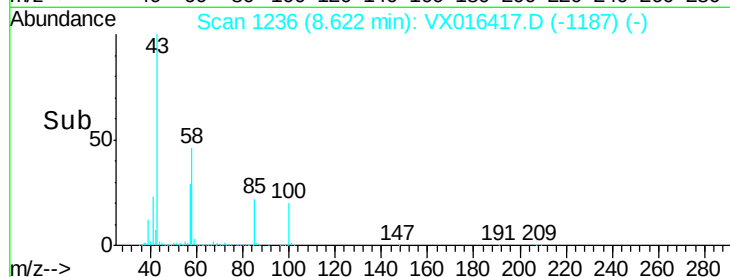
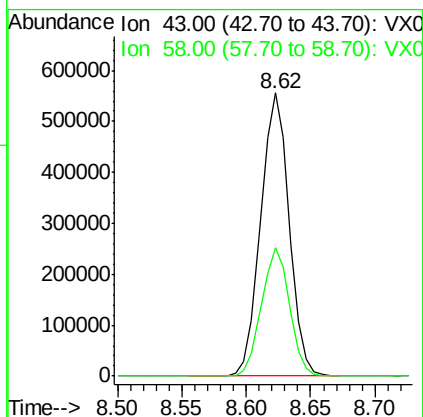
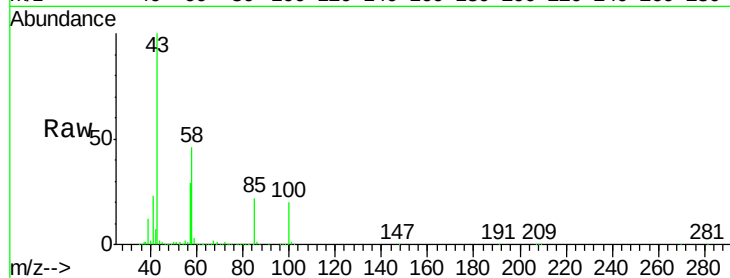




#51
 4-Methyl-2-Pentanone
 Concen: 256.582 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016417.D
 Acq: 22 May 2020 17:07

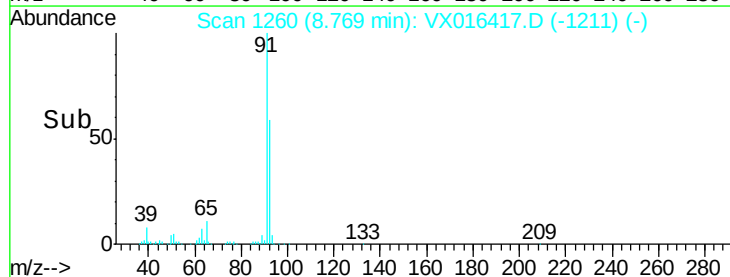
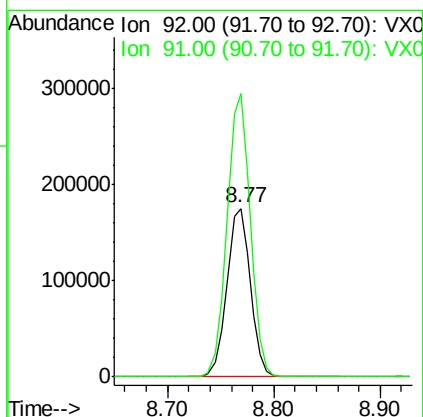
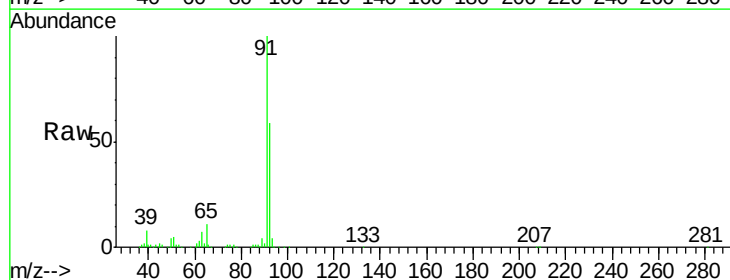
Instrument :
 MSVOA_X
 ClientSampleId :

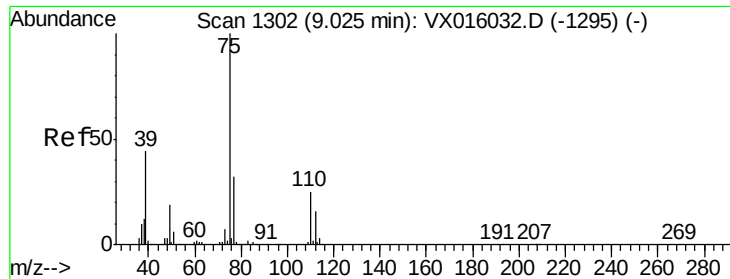
Tot Ion: 43 Resp: 846789
 Ion Ratio Lower Upper
 43 100
 58 44.9 33.0 49.4



#52
 Toluene
 Concen: 50.869 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX016417.D
 Acq: 22 May 2020 17:07

Tgt Ion: 92 Resp: 270560
 Ion Ratio Lower Upper
 92 100
 91 166.7 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 52.104 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

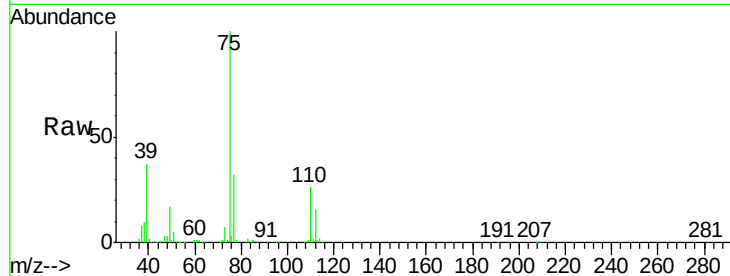
ClientSampleId :

Tot Ion: 75 Resp: 185650

Ion Ratio Lower Upper

75 100

77 32.0 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

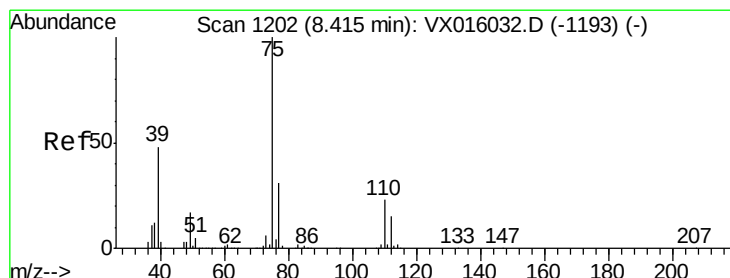
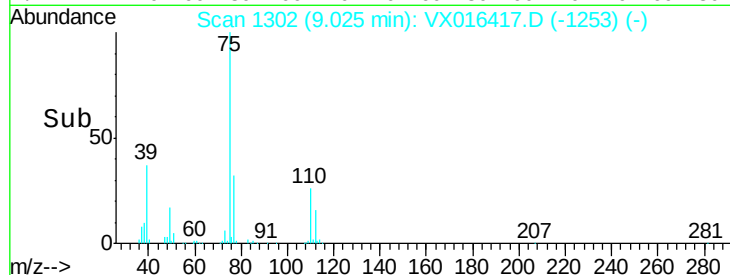
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.657 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

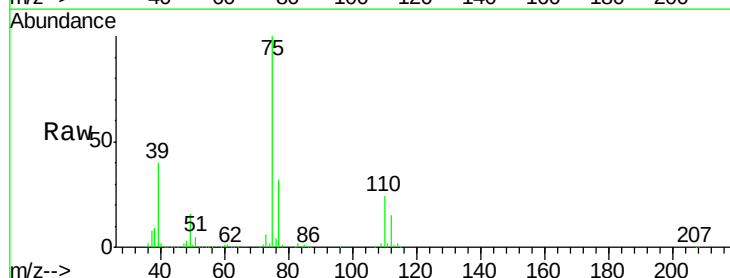
Tgt Ion: 75 Resp: 192248

Ion Ratio Lower Upper

75 100

77 32.1 24.7 37.1

39 39.6 38.7 58.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

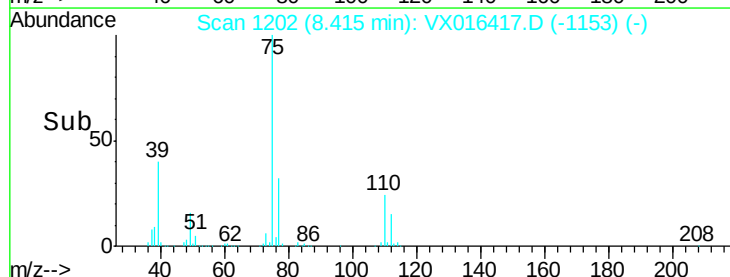
150000

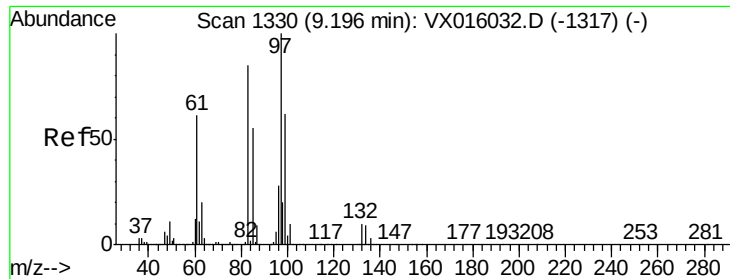
100000

50000

0

Time-->

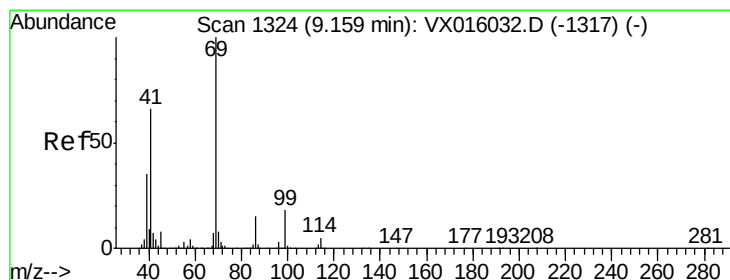
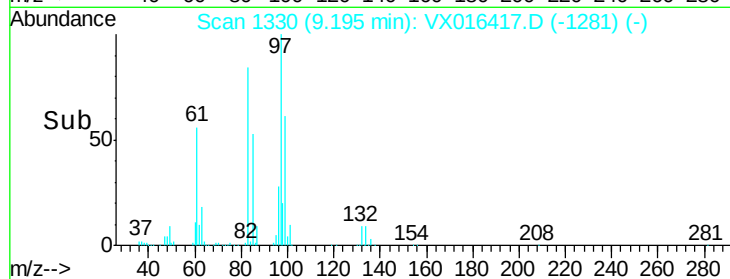
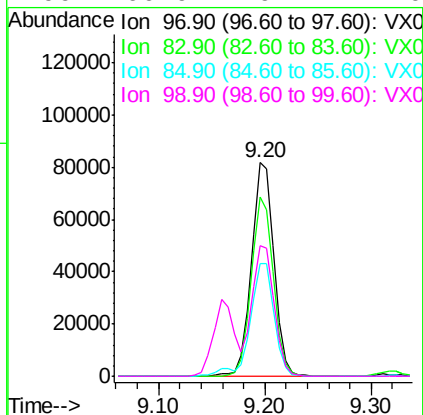
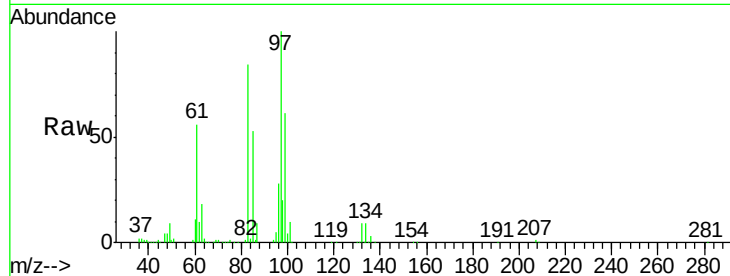




#55
 1,1,2-Trichloroethane
 Concen: 57.991 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016417.D
 Acq: 22 May 2020 17:07

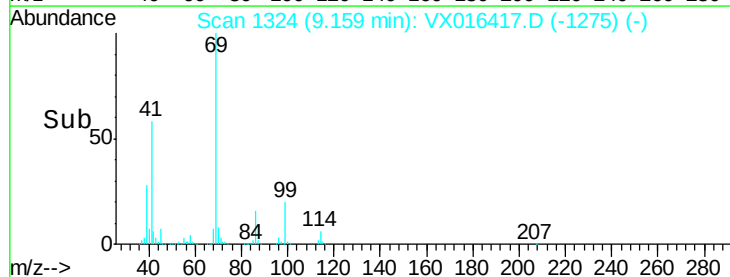
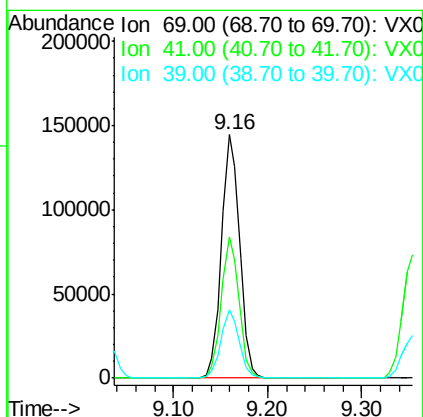
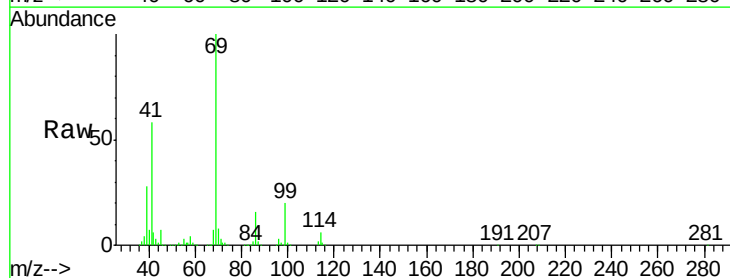
Instrument :
 MSVOA_X
 ClientSampleId :

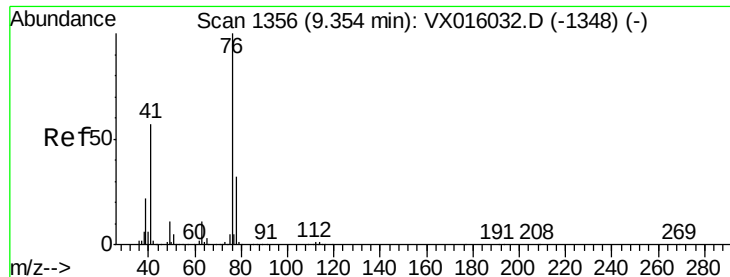
Tot Ion:	97	Resp:	121352
Ion	Ratio	Lower	Upper
97	100		
83	84.1	67.8	101.8
85	52.8	43.8	65.8
99	60.9	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 56.711 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016417.D
 Acq: 22 May 2020 17:07

Tgt Ion:	69	Resp:	193712
Ion	Ratio	Lower	Upper
69	100		
41	56.2	52.2	78.4
39	28.1	28.2	42.4#





#57

1,3-Dichloropropane

Concen: 55.393 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

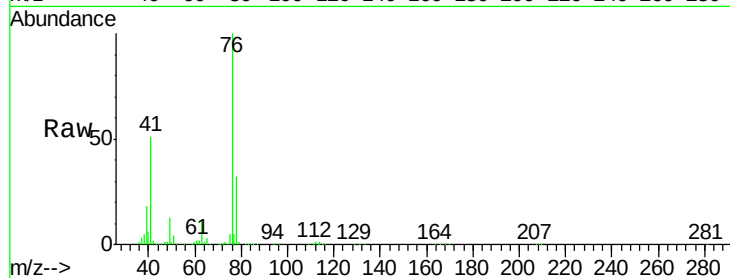
ClientSampleId :

Tot Ion: 76 Resp: 202262

Ion Ratio Lower Upper

76 100

78 32.2 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

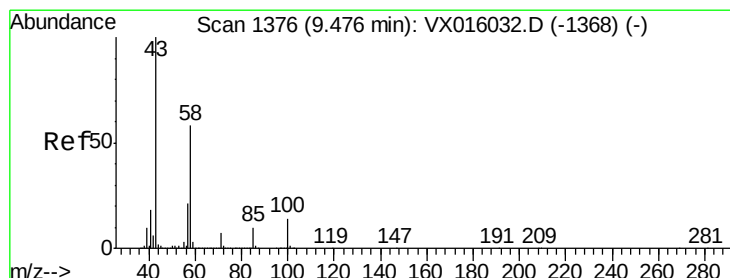
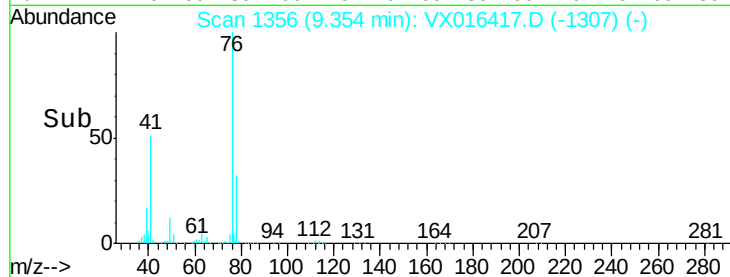
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 255.970 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX016417.D

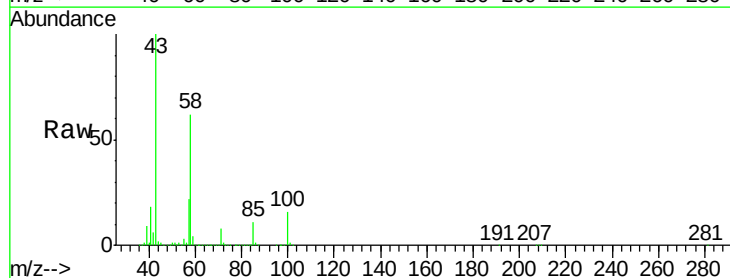
Acq: 22 May 2020 17:07

Tgt Ion: 43 Resp: 663416

Ion Ratio Lower Upper

43 100

58 62.0 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

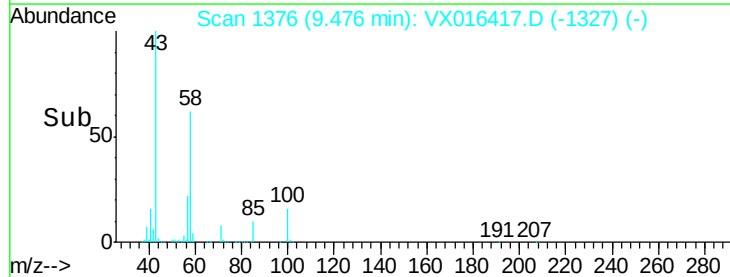
300000

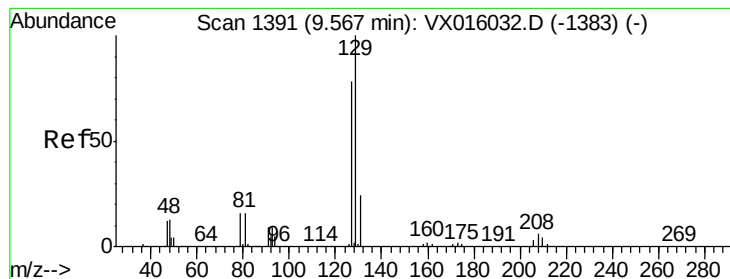
200000

100000

0

Time-->





#60

Dibromochloromethane

Concen: 59.116 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

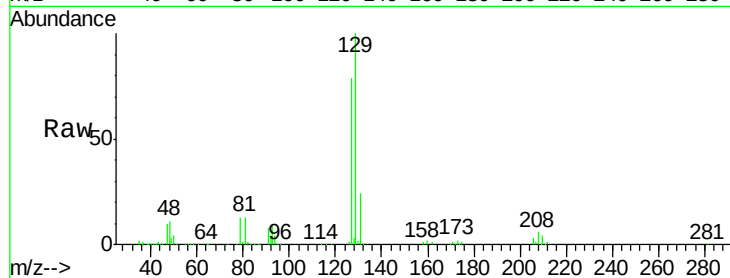
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 136246

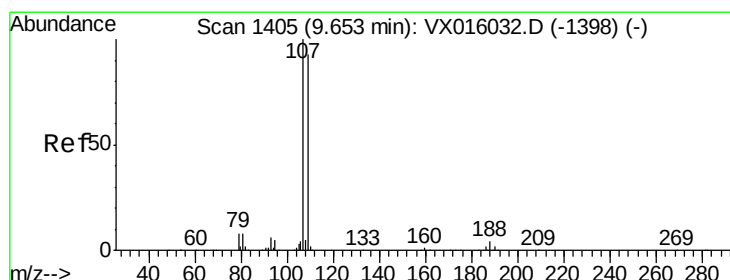
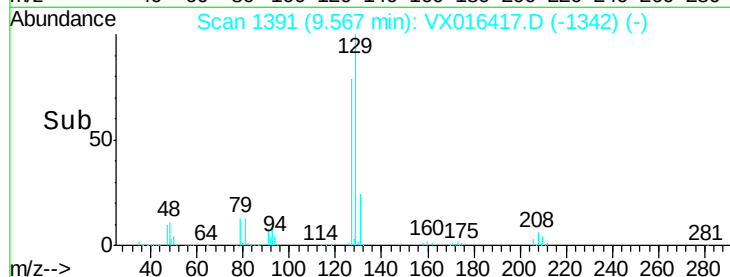
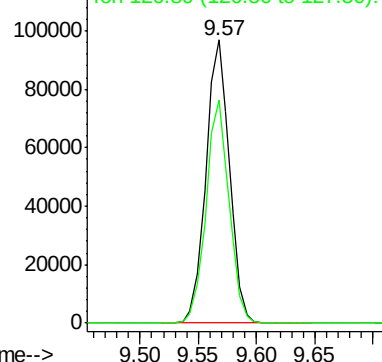
Ion Ratio Lower Upper

129 100

127 77.1 38.4 115.2



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 57.295 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016417.D

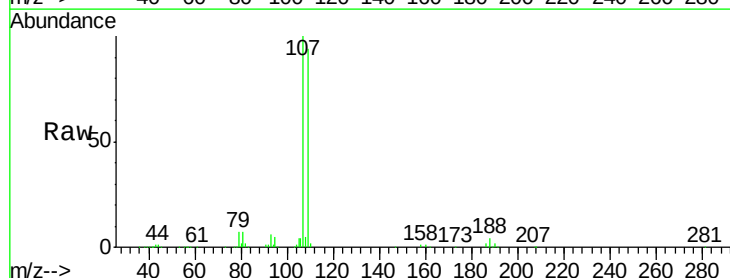
Acq: 22 May 2020 17:07

Tgt Ion:107 Resp: 129870

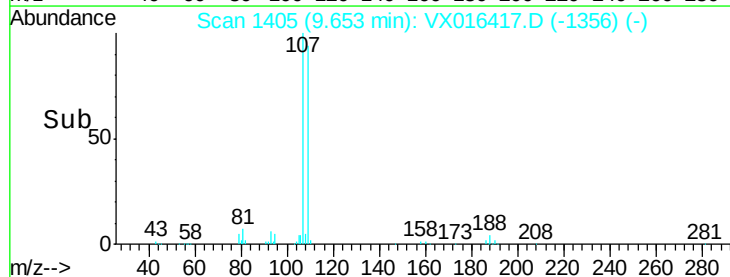
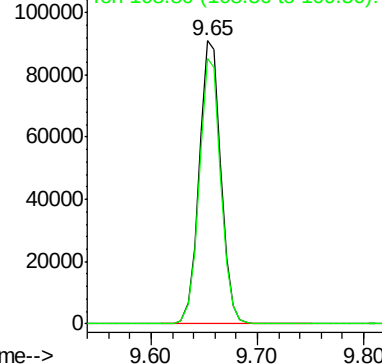
Ion Ratio Lower Upper

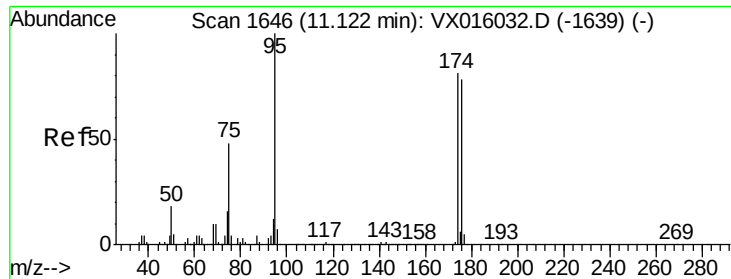
107 100

109 93.2 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 53.437 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

ClientSampleId :

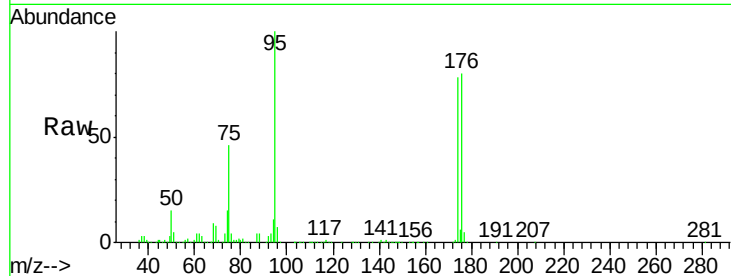
Tot Ion: 95 Resp: 146994

Ion Ratio Lower Upper

95 100

174 80.7 0.0 159.4

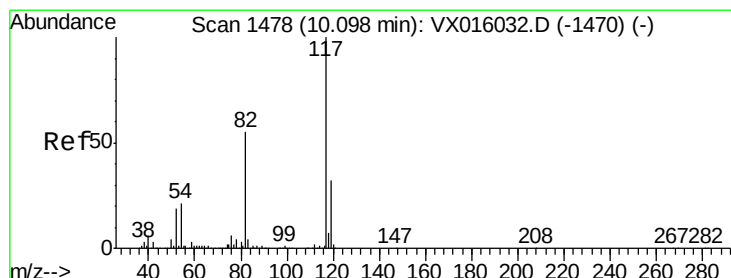
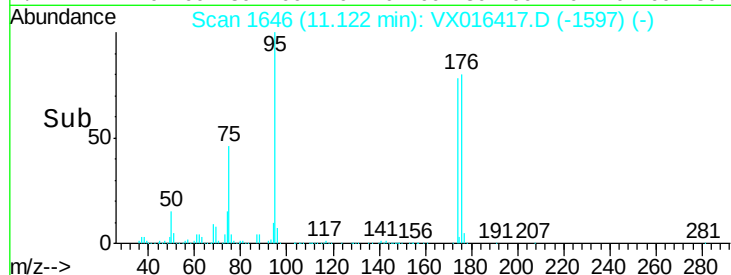
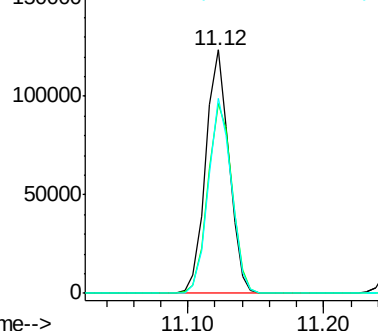
176 79.7 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX016417.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016417.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016417.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

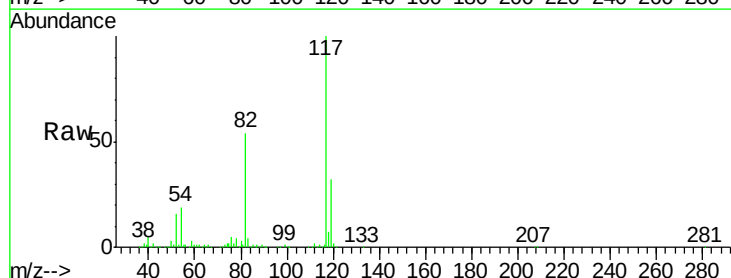
Tgt Ion: 117 Resp: 291692

Ion Ratio Lower Upper

117 100

82 54.0 44.4 66.6

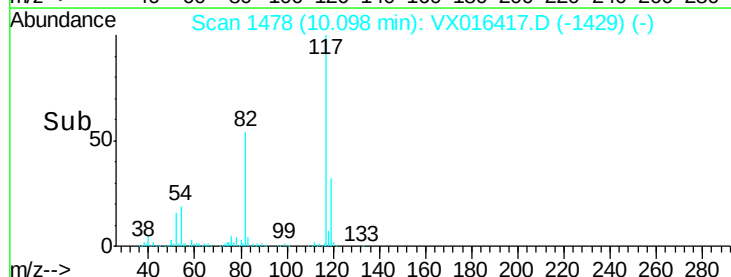
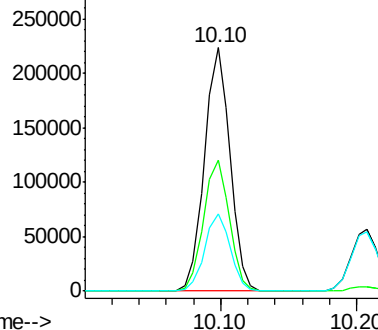
119 31.6 25.5 38.3

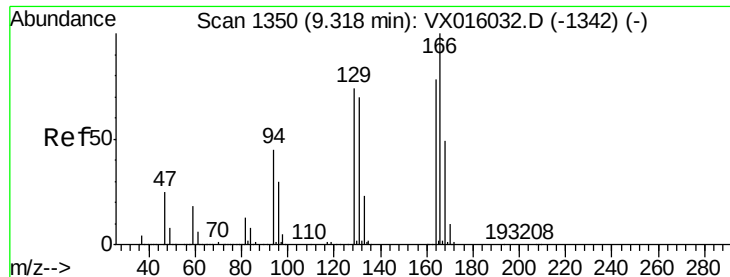


Abundance Ion 116.90 (116.60 to 117.60): VX016417.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016417.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016417.D (-1429) (-)





#64

Tetrachloroethene

Concen: 36.745 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 131579

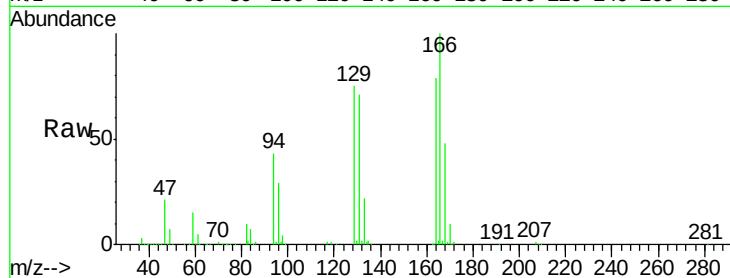
Ion Ratio Lower Upper

164 100

166 126.2 102.9 154.3

129 94.8 76.1 114.1

131 89.0 71.9 107.9

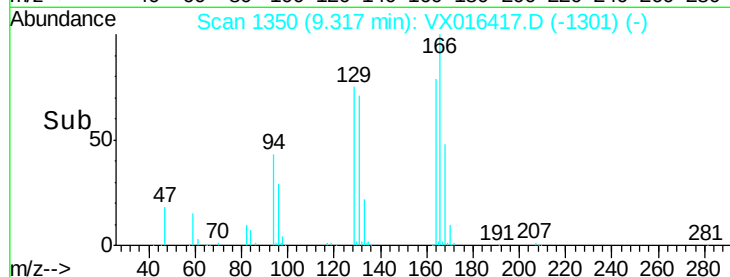


Abundance Ion 163.80 (163.50 to 164.50): V

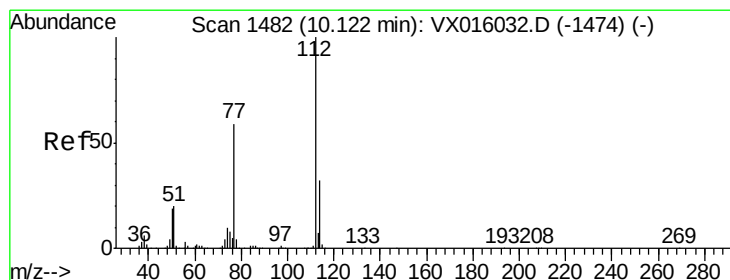
Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



Time-->



#65

Chlorobenzene

Concen: 49.461 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016417.D

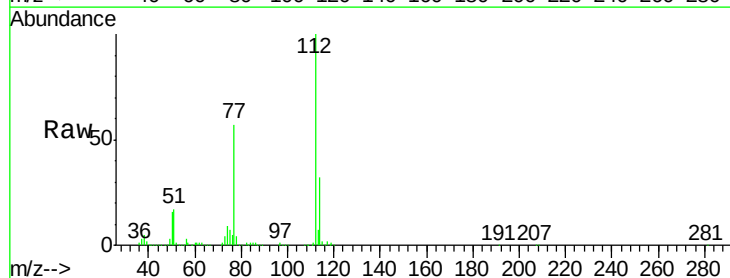
Acq: 22 May 2020 17:07

Tgt Ion:112 Resp: 302090

Ion Ratio Lower Upper

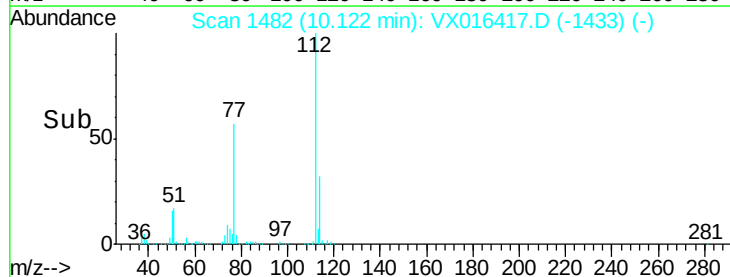
112 100

114 32.1 25.7 38.5

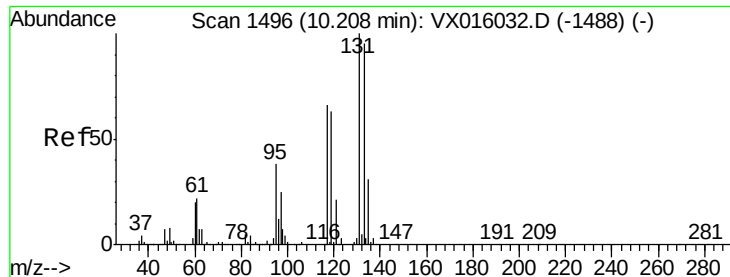


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 51.688 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

ClientSampleId :

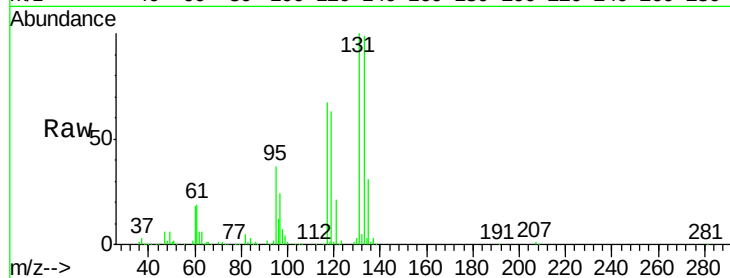
Tot Ion:131 Resp: 116685

Ion Ratio Lower Upper

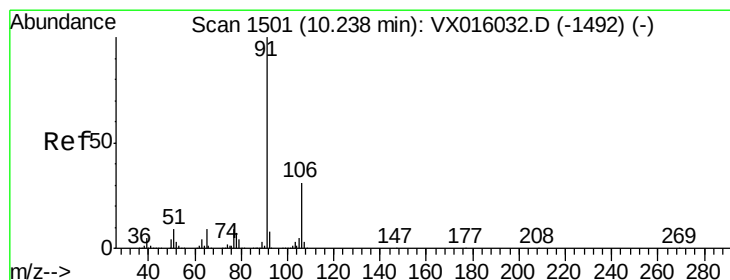
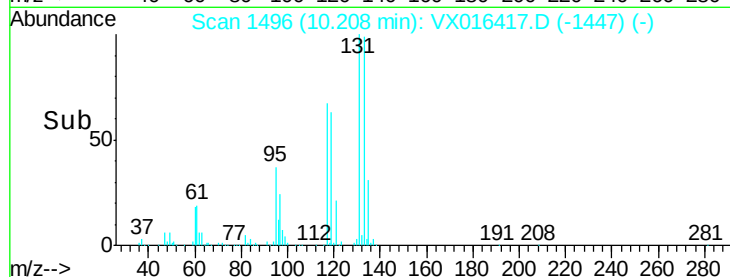
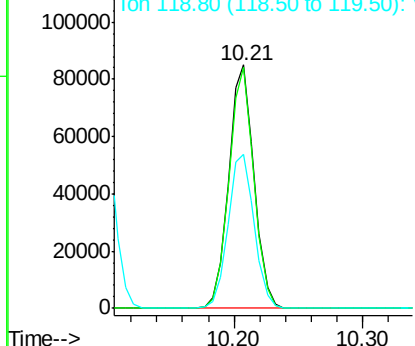
131 100

133 97.4 48.3 144.8

119 65.4 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: 45.341 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016417.D

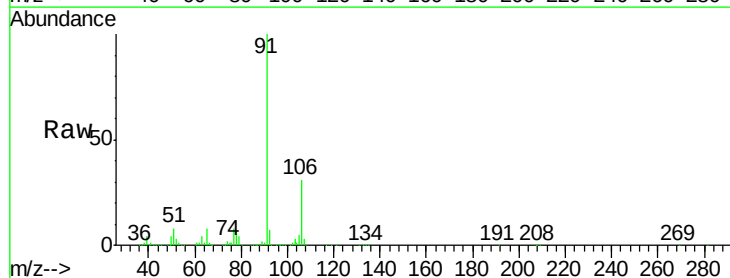
Acq: 22 May 2020 17:07

Tgt Ion: 91 Resp: 494109

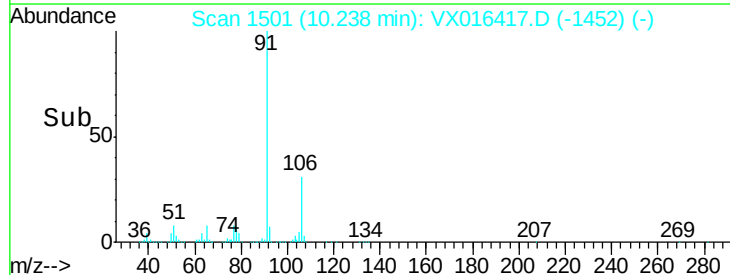
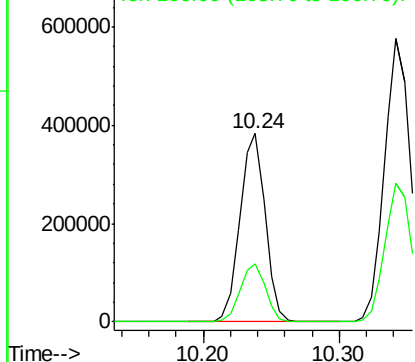
Ion Ratio Lower Upper

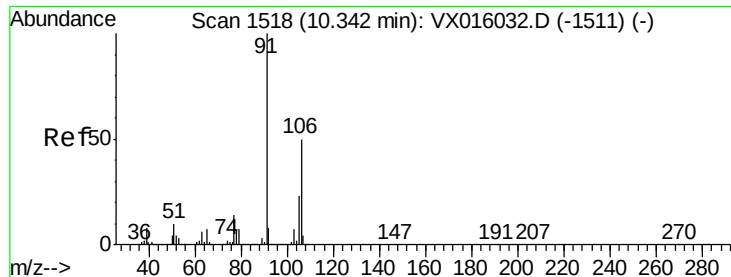
91 100

106 30.9 25.1 37.7



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

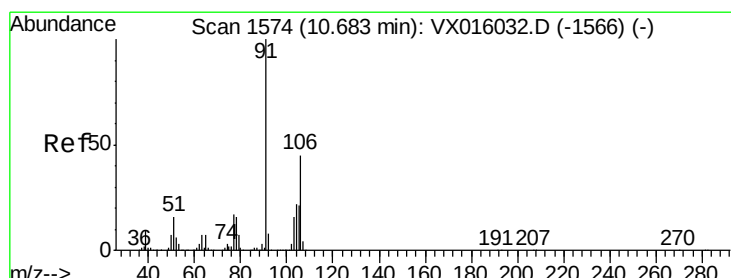
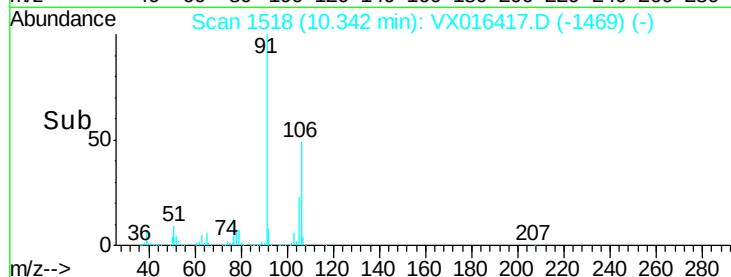
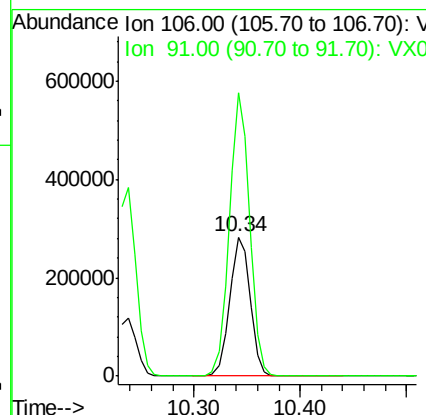
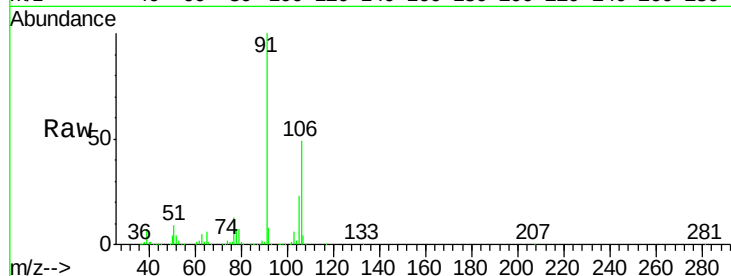




#68
m/p-Xylenes
Concen: 93.512 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

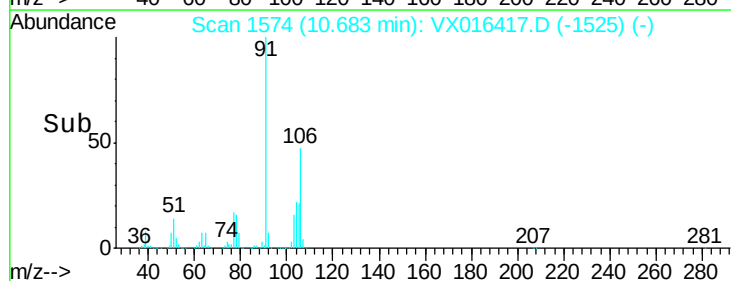
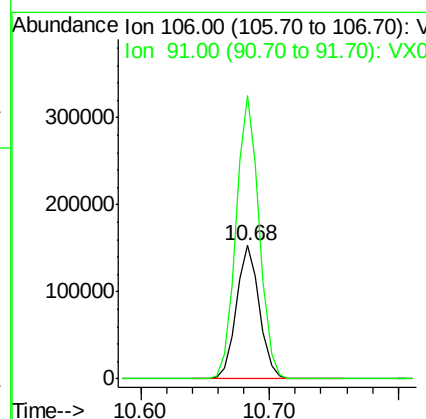
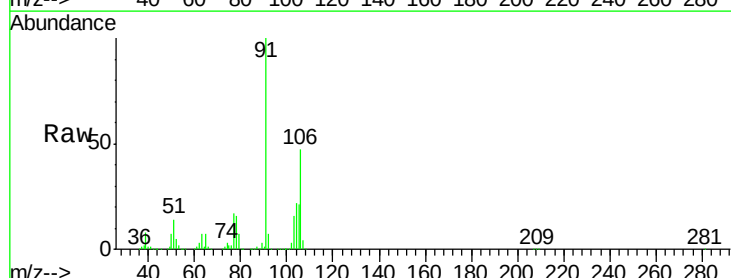
Instrument :
MSVOA_X
ClientSampled :

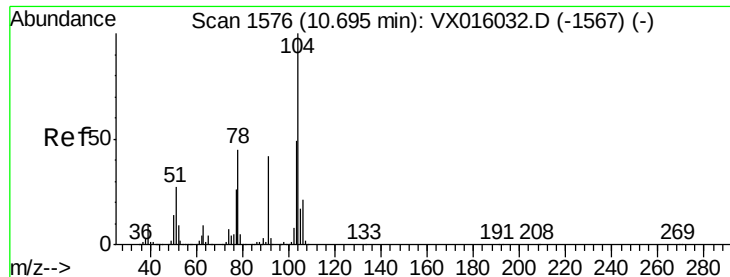
Tot Ion:106 Resp: 381806
Ion Ratio Lower Upper
106 100
91 200.6 161.7 242.5



#69
o-Xylene
Concen: 48.613 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Tgt Ion:106 Resp: 190790
Ion Ratio Lower Upper
106 100
91 213.6 107.5 322.6

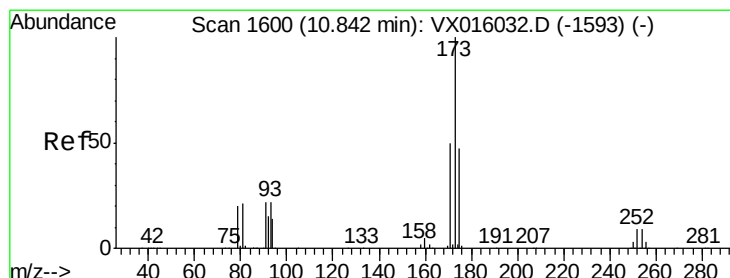
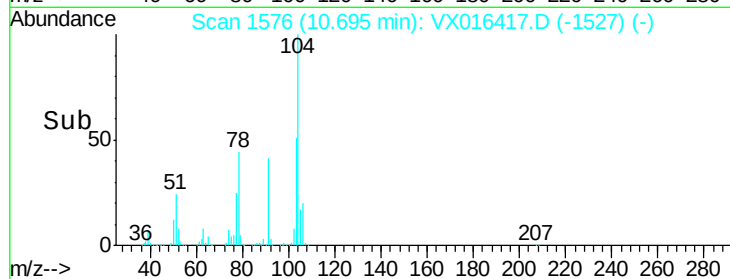
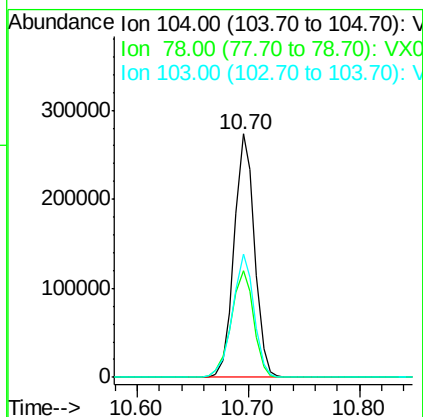
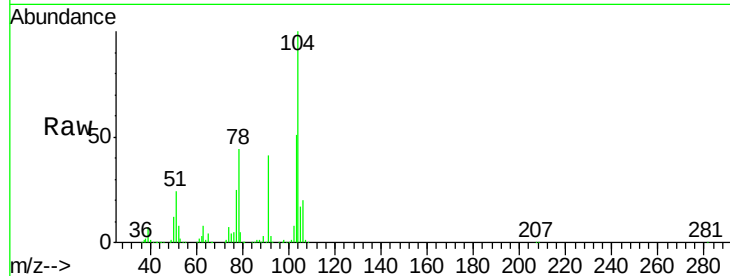




#70
Stvrene
Concen: 51.857 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

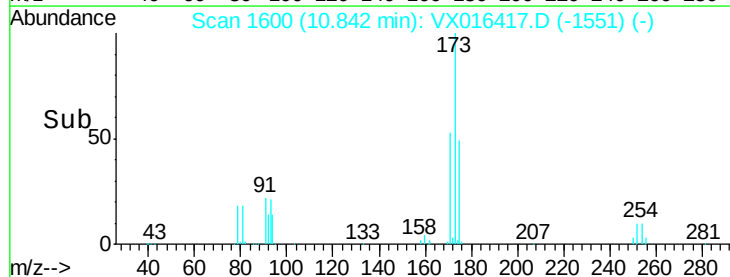
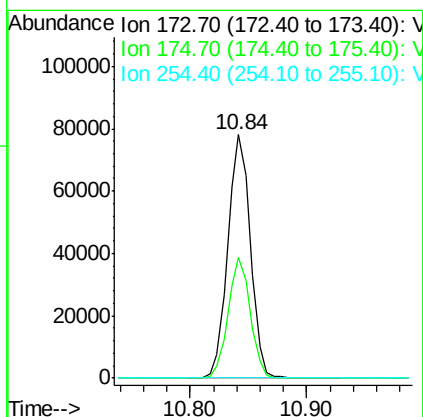
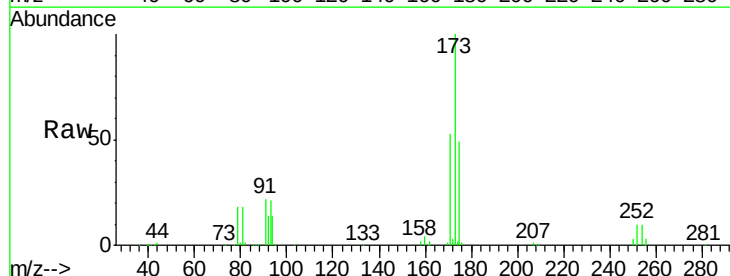
Instrument :
MSVOA_X
ClientSampleId :

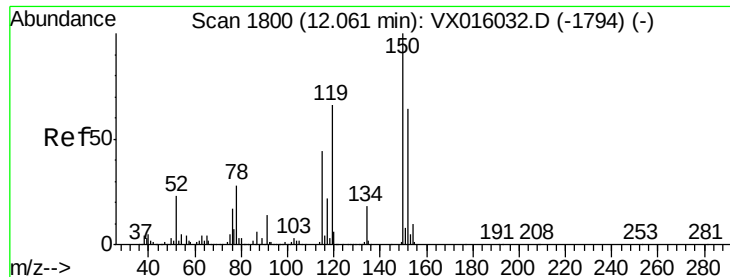
Tot Ion	Ratio	Lower	Upper
104	100		
78	48.5	40.2	60.2
103	53.6	43.0	64.6



#71
Bromoform
Concen: 56.903 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	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: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

ClientSampleId :

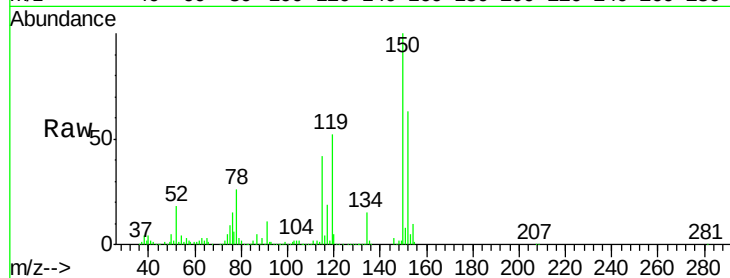
Tot Ion:152 Resp: 146375

Ion Ratio Lower Upper

152 100

115 76.8 41.3 124.1

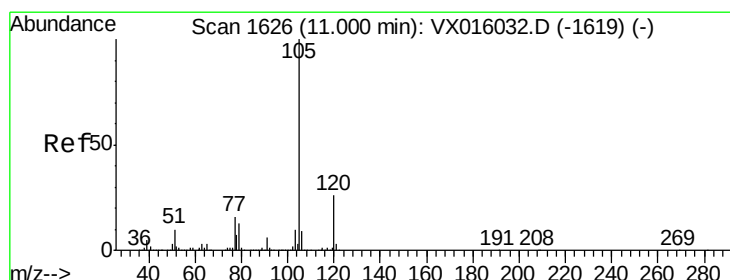
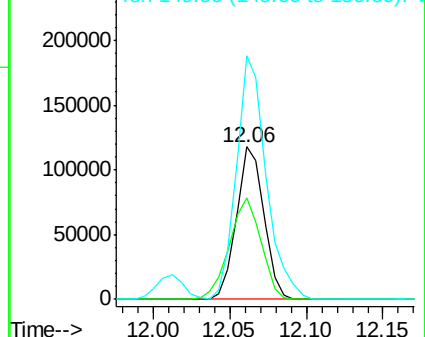
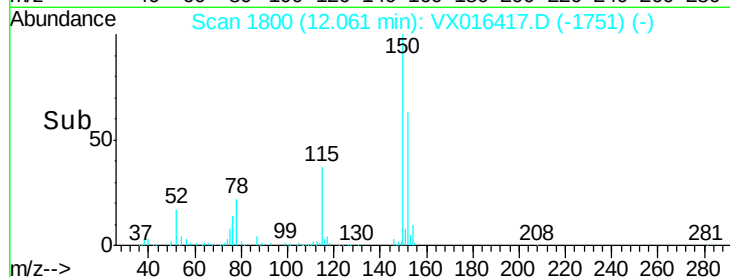
150 173.3 0.0 352.2



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: 42.338 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016417.D

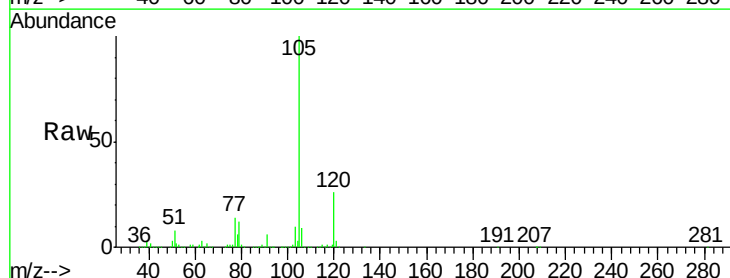
Acq: 22 May 2020 17:07

Tgt Ion:105 Resp: 450750

Ion Ratio Lower Upper

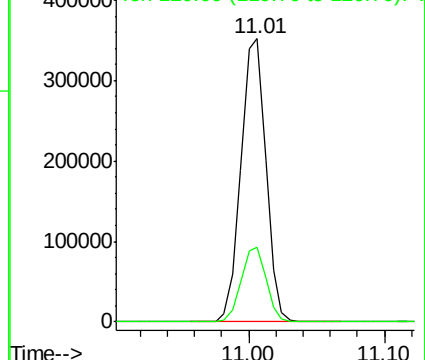
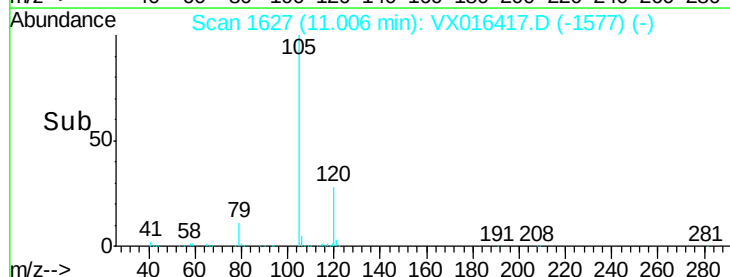
105 100

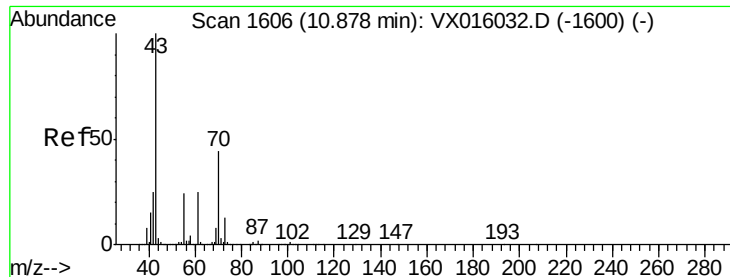
120 26.2 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 44.720 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 222079

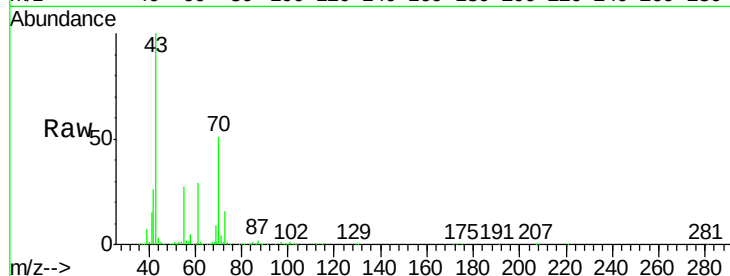
Ion Ratio Lower Upper

43 100

70 50.2 36.5 54.7

55 26.9 19.7 29.5

61 28.1 20.9 31.3

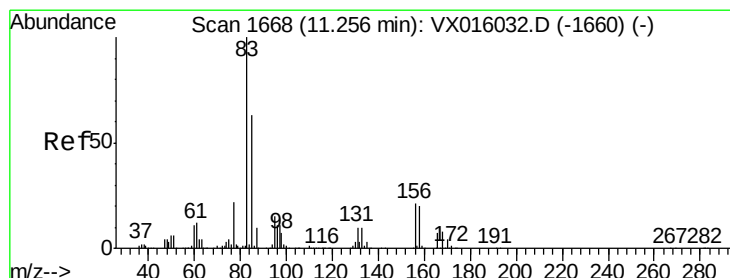
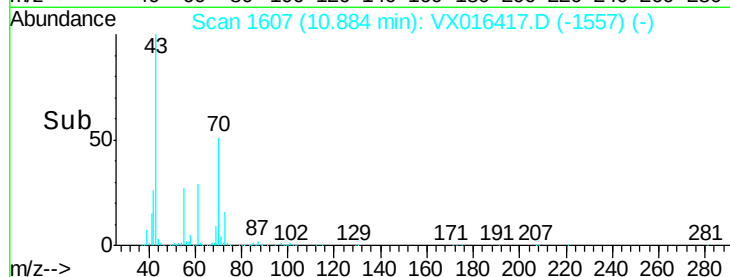
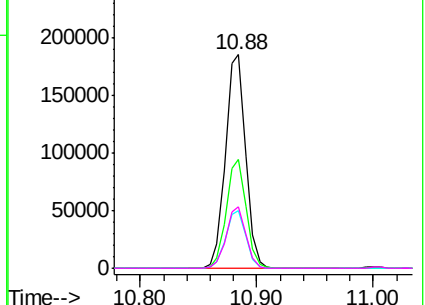


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 70.806 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

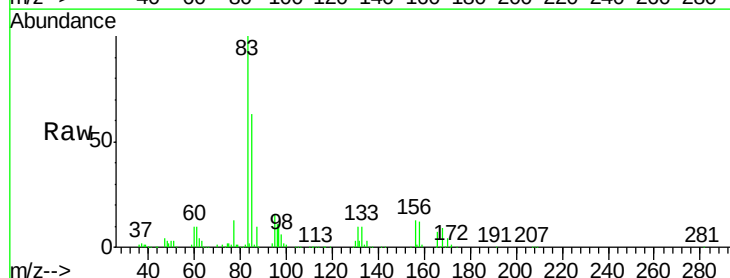
Tgt Ion: 83 Resp: 155714

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.4

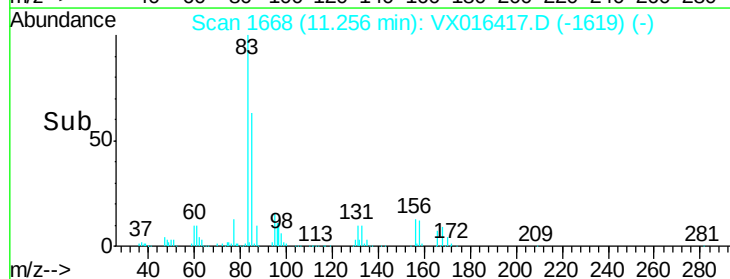
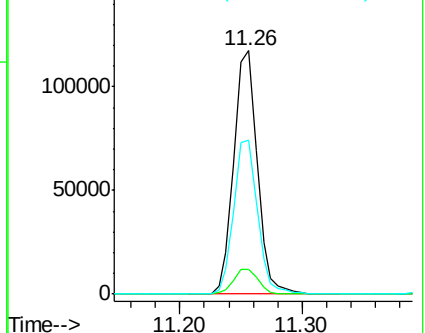
85 64.3 32.0 96.0

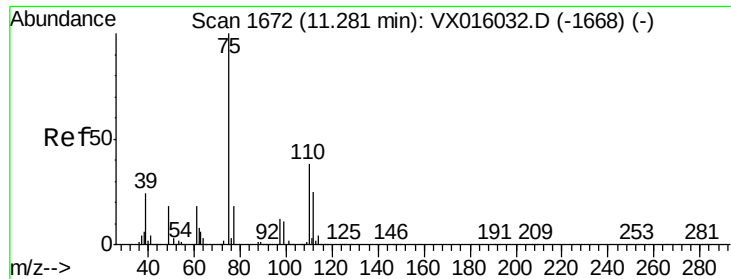


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 69.171 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

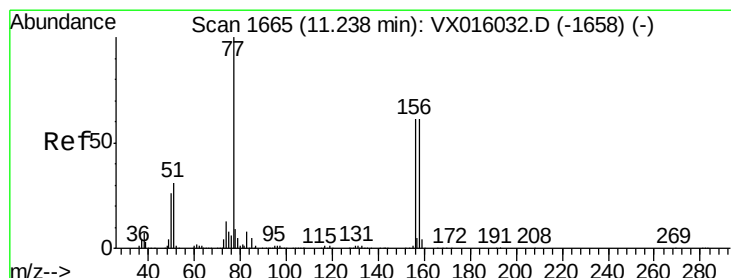
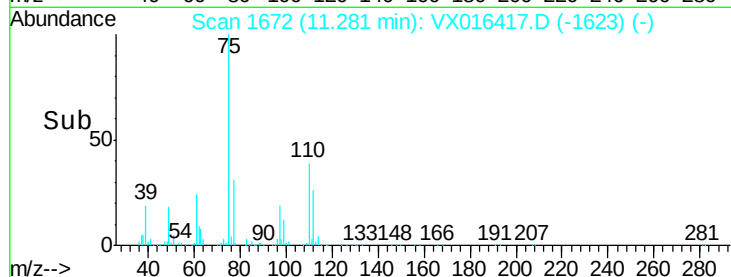
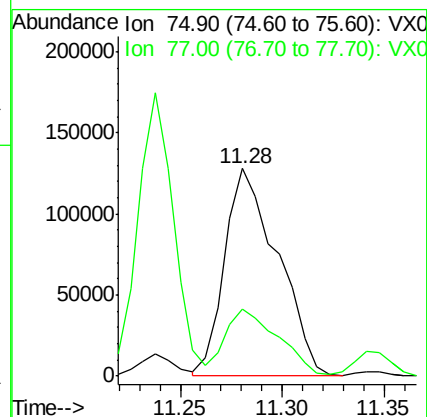
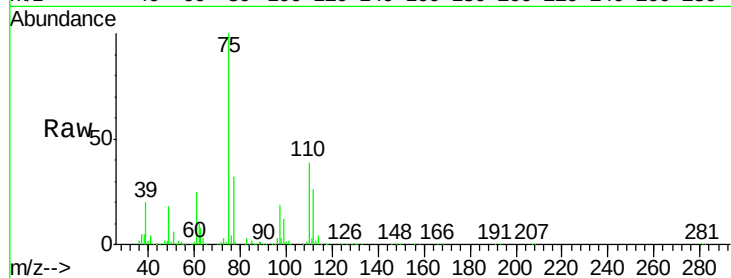
ClientSampleId :

Tot Ion: 75 Resp: 229758

Ion Ratio Lower Upper

75 100

77 32.4 21.2 63.6



#77

Bromobenzene

Concen: 49.835 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

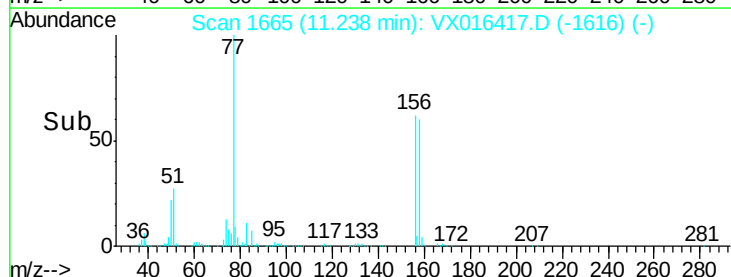
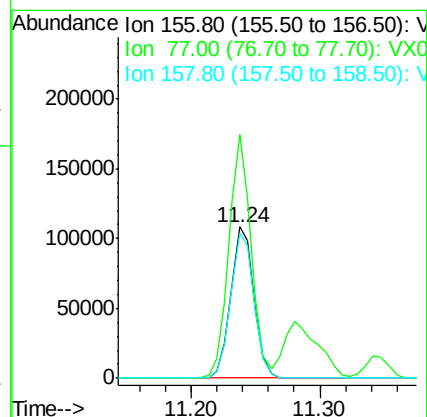
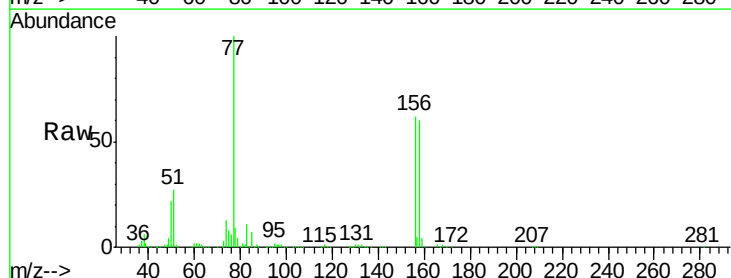
Tgt Ion: 156 Resp: 136949

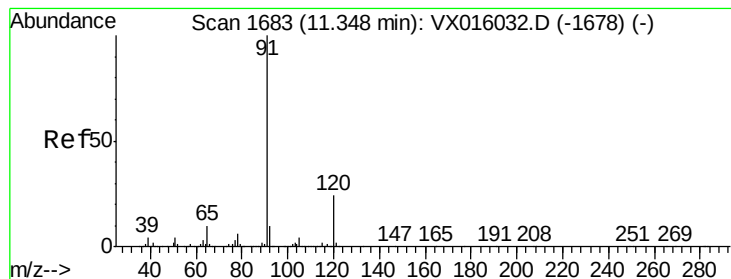
Ion Ratio Lower Upper

156 100

77 155.4 80.1 240.3

158 96.9 49.4 148.2





#78

n-propylbenzene

Concen: 40.665 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

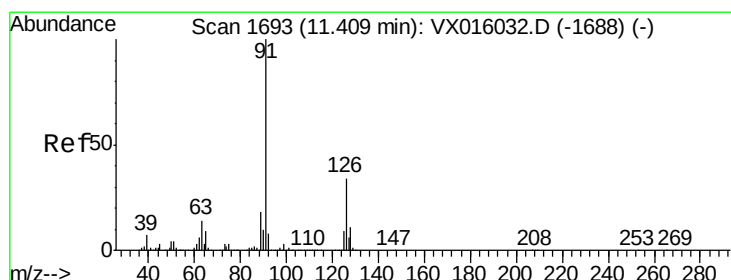
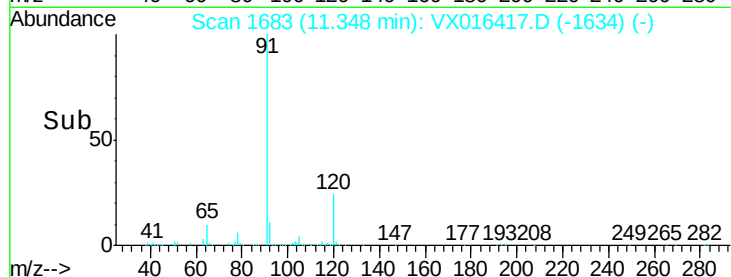
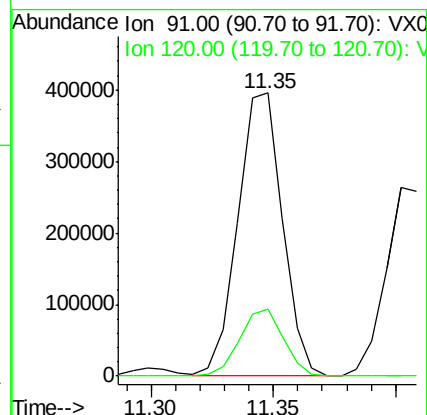
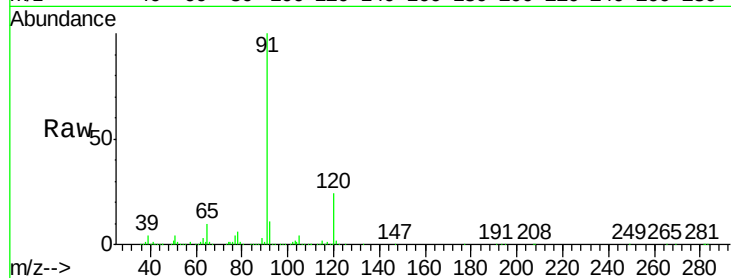
ClientSampleId :

Tot Ion: 91 Resp: 503662

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.5



#79

2-Chlorotoluene

Concen: 46.360 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016417.D

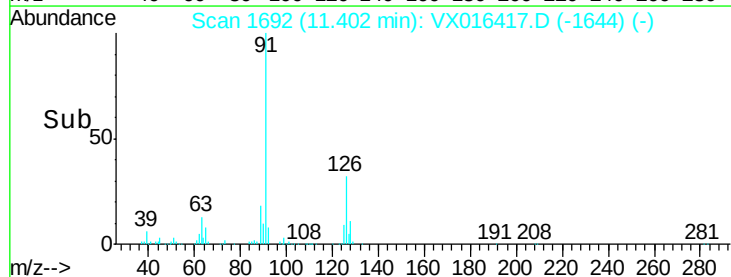
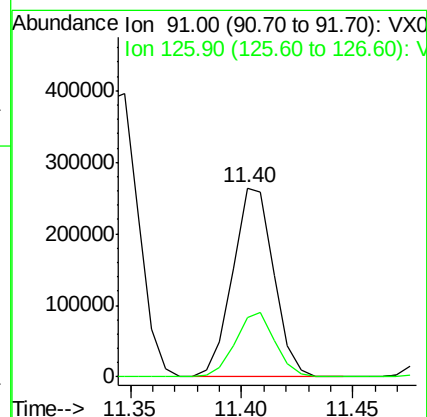
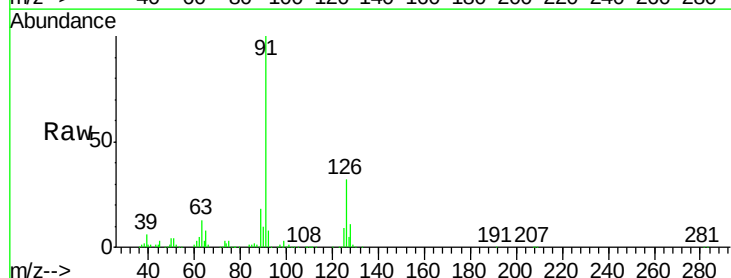
Acq: 22 May 2020 17:07

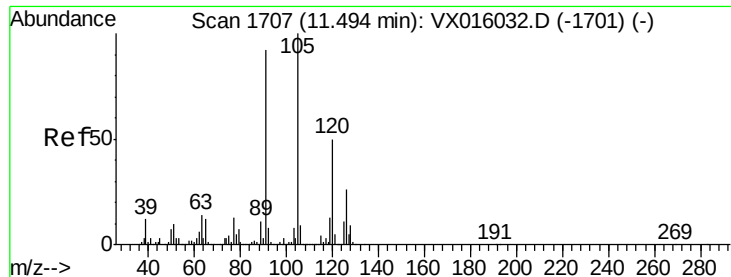
Tgt Ion: 91 Resp: 338932

Ion Ratio Lower Upper

91 100

126 33.2 16.9 50.6





#80

1,3,5-Trimethylbenzene

Concen: 44.145 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

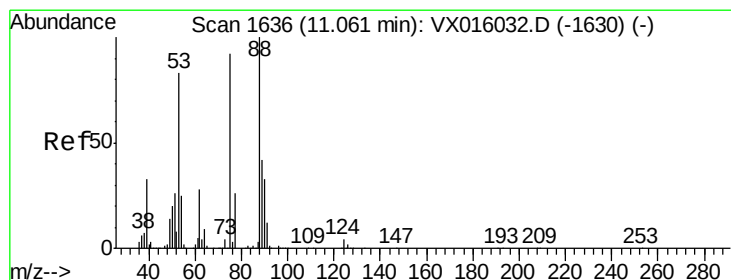
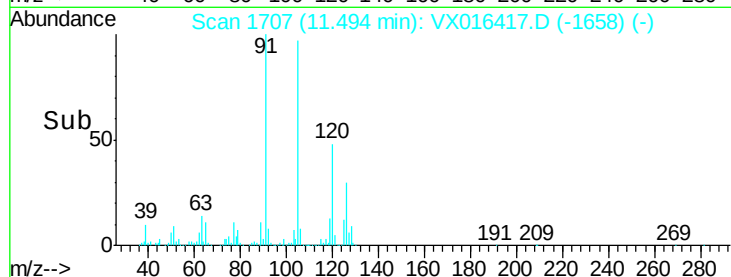
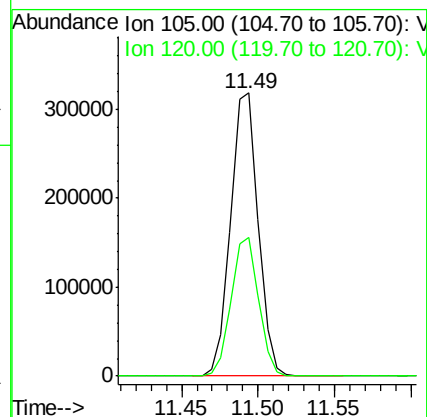
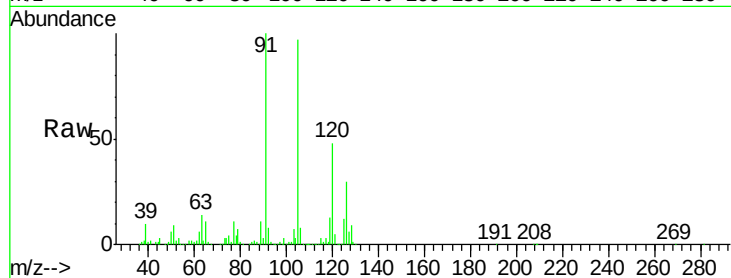
ClientSampleId :

Tot Ion:105 Resp: 396826

Ion Ratio Lower Upper

105 100

120 48.8 24.6 74.0



#81

trans-1,4-Dichloro-2-butene

Concen: 50.562 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

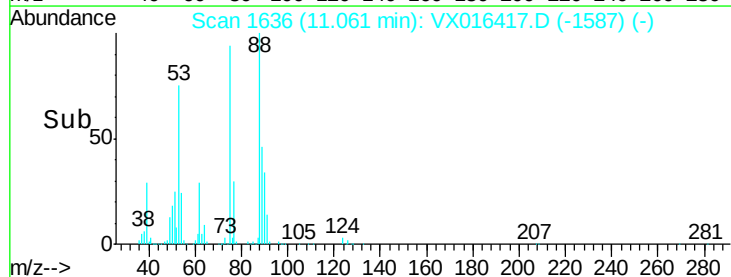
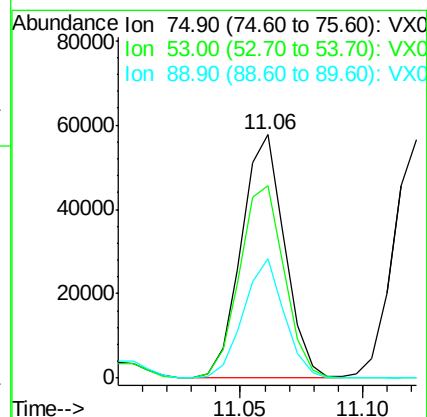
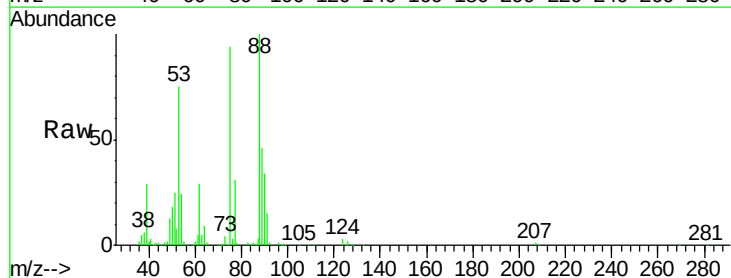
Tgt Ion: 75 Resp: 70474

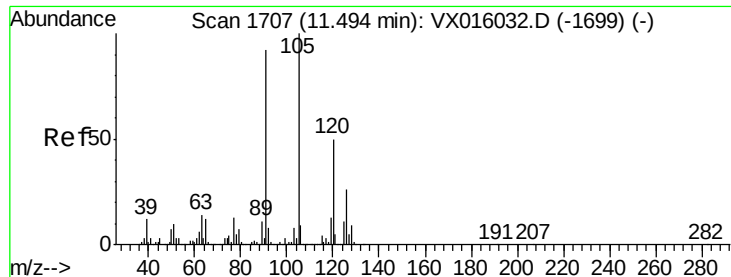
Ion Ratio Lower Upper

75 100

53 82.0 73.1 109.7

89 46.8 36.7 55.1





#82

4-Chlorotoluene

Concen: 46.365 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

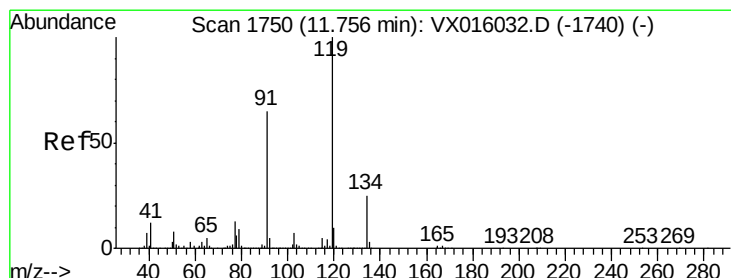
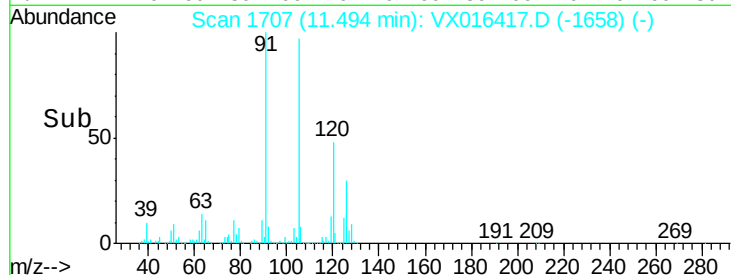
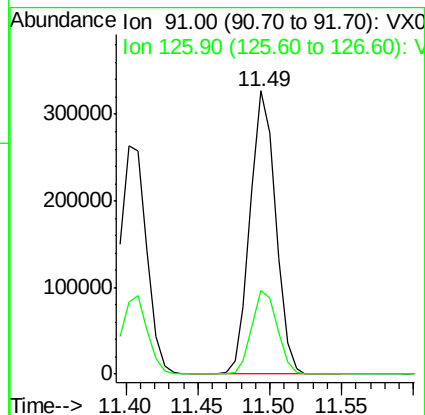
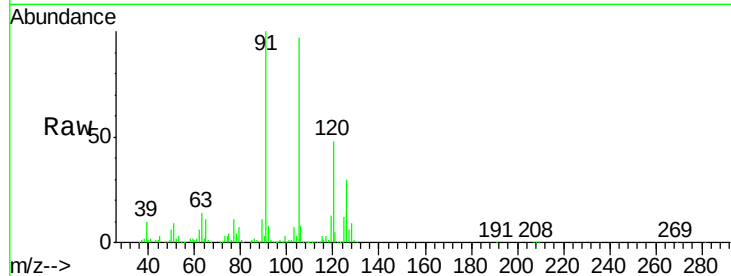
ClientSampleId :

Tot Ion: 91 Resp: 400276

Ion Ratio Lower Upper

91 100

126 29.7 14.8 44.3



#83

tert-Butylbenzene

Concen: 41.870 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

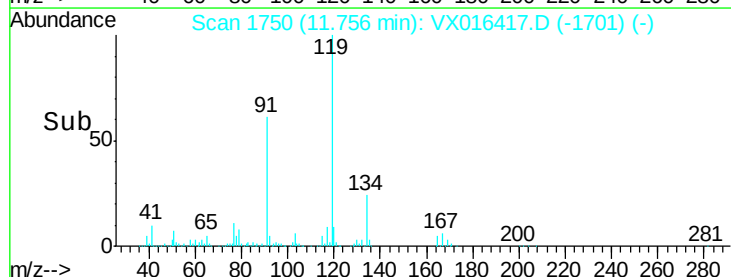
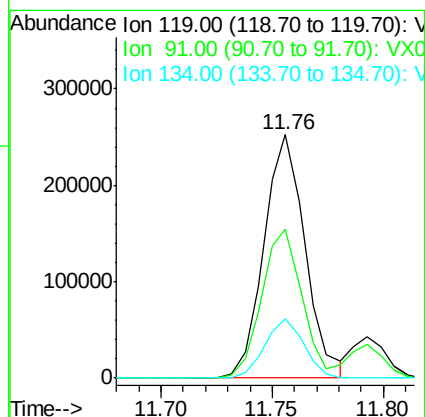
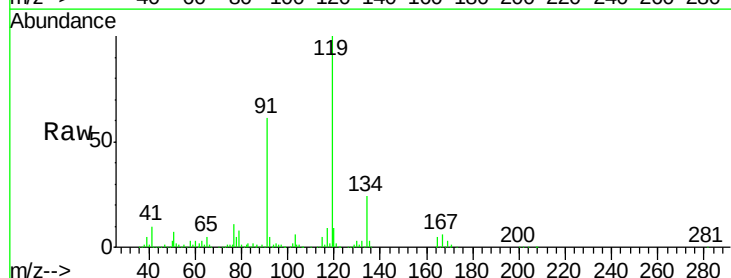
Tgt Ion: 119 Resp: 324358

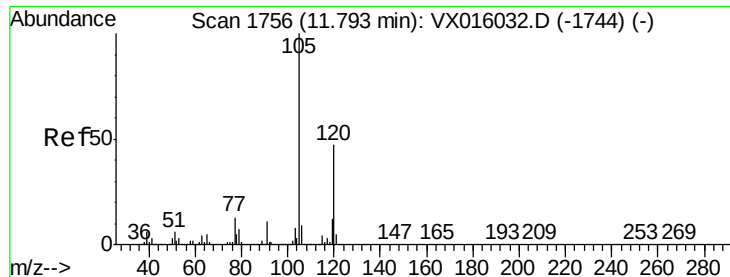
Ion Ratio Lower Upper

119 100

91 59.6 32.8 98.4

134 23.4 12.4 37.0

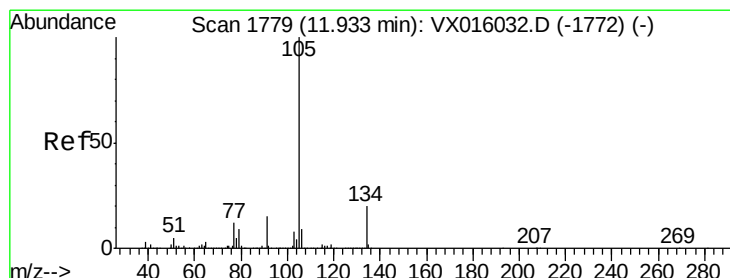
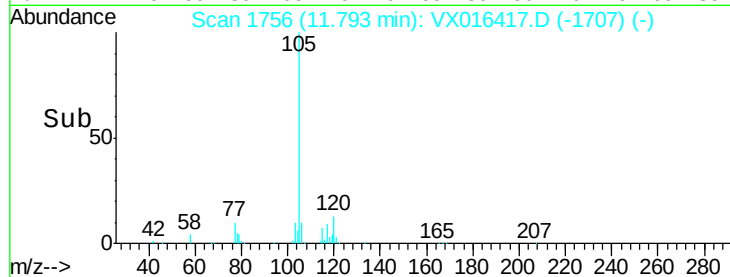
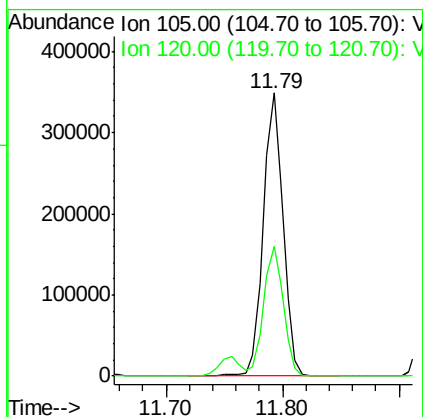
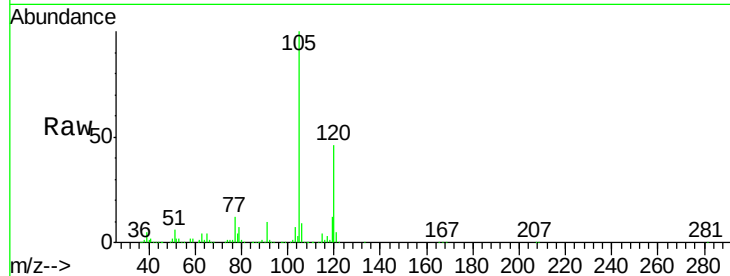




#84
 1,2,4-Trimethylbenzene
 Concen: 45.518 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016417.D
 Acq: 22 May 2020 17:07

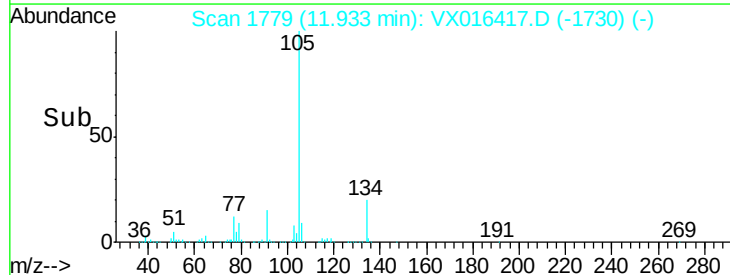
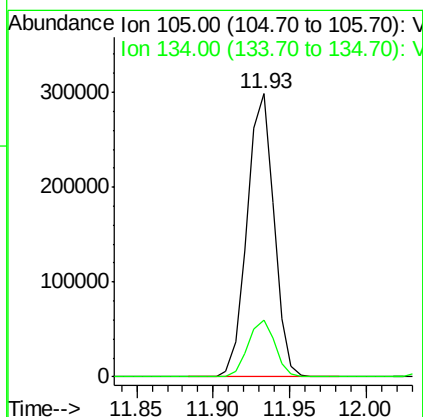
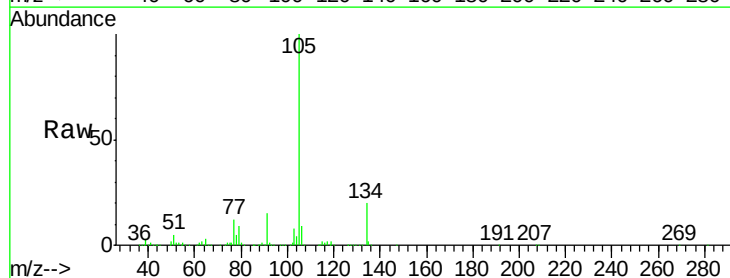
Instrument :
 MSVOA_X
 ClientSampleId :

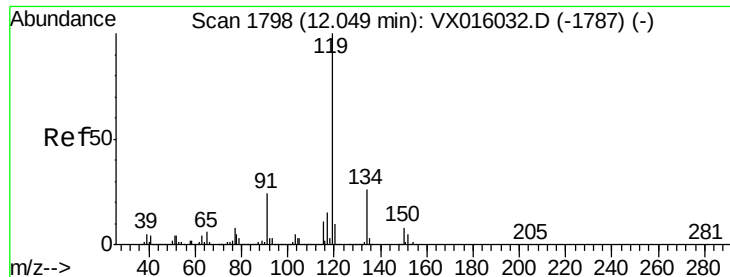
Tot Ion:105 Resp: 413670
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.0 69.0



#85
 sec-Butylbenzene
 Concen: 34.768 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016417.D
 Acq: 22 May 2020 17:07

Tgt Ion:105 Resp: 363660
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.3

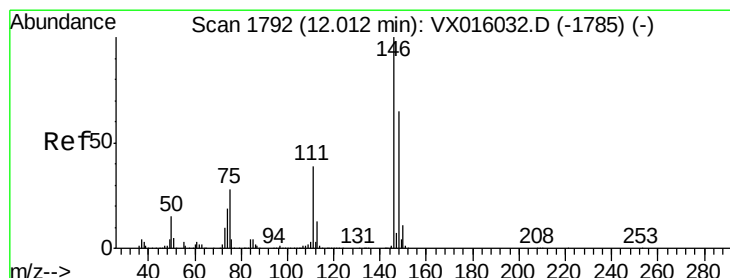
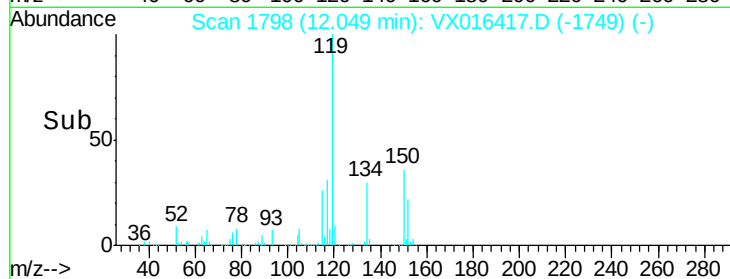
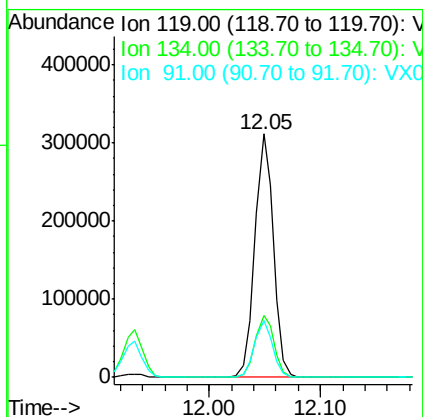
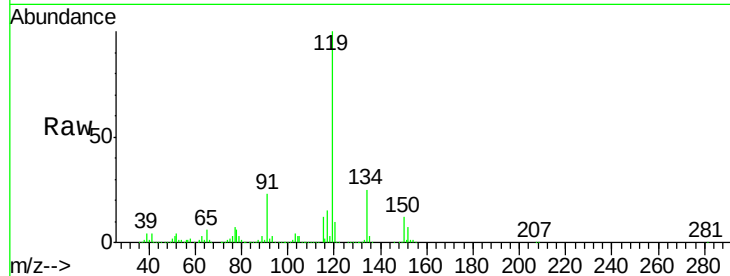




#86
 p-Isopropyltoluene
 Concen: 37.065 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016417.D
 Acq: 22 May 2020 17:07

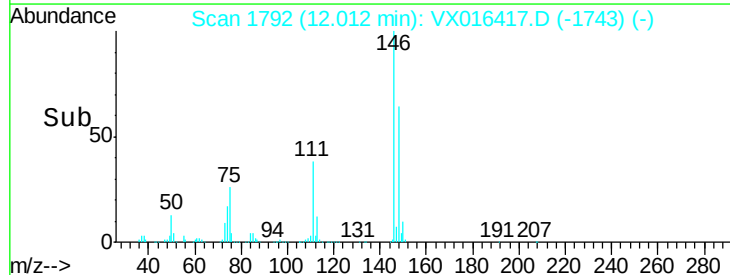
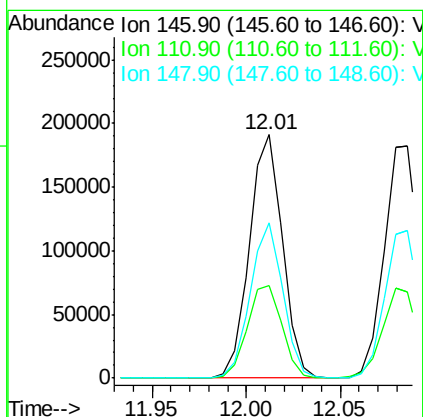
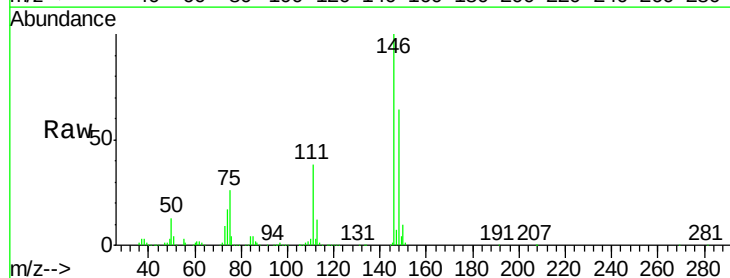
Instrument :
 MSVOA_X
 ClientSampleId :

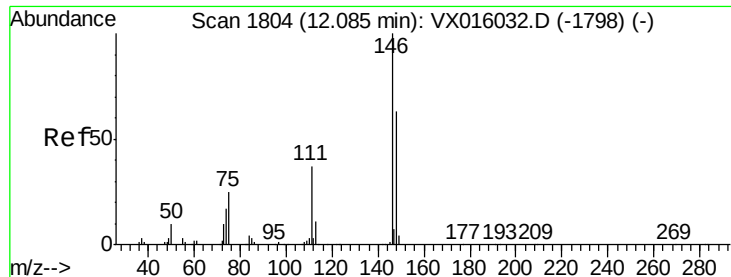
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.1	39.3
91	23.1	11.8	35.4



#87
 1,3-Dichlorobenzene
 Concen: 47.154 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016417.D
 Acq: 22 May 2020 17:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.2	60.6
148	62.7	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: VX016417.D

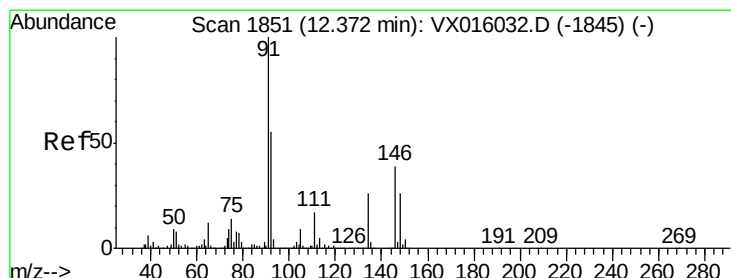
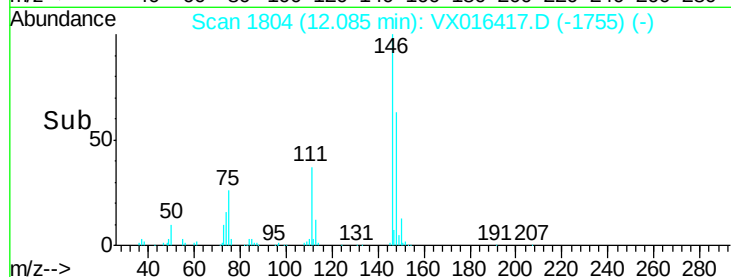
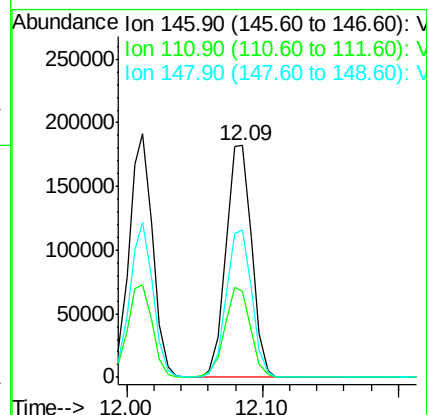
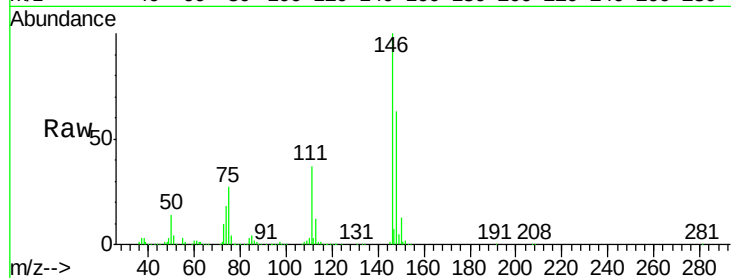
Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	146	Resp:	238323
Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.6	58.7
148	63.0	31.8	95.3



#89

n-Butylbenzene

Concen: 30.739 ug/l

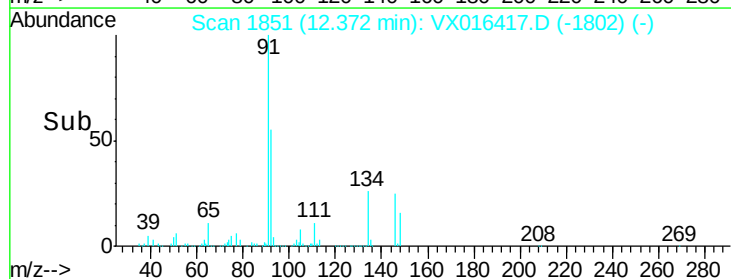
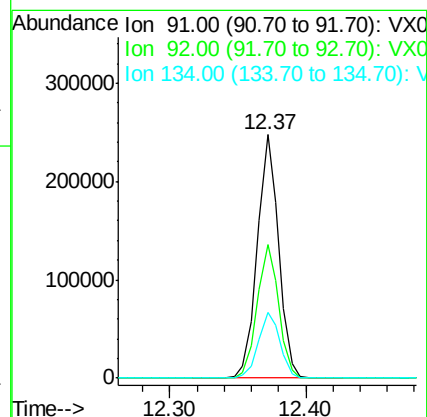
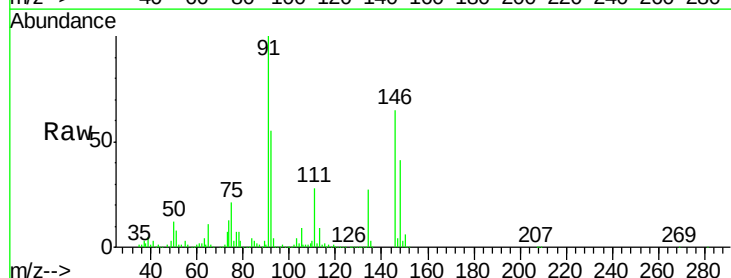
RT: 12.37 min Scan# 1851

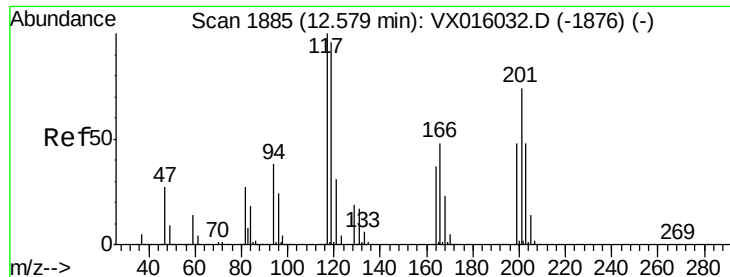
Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Tgt Ion:	91	Resp:	272707
Ion	Ratio	Lower	Upper
91	100		
92	55.4	27.6	82.7
134	27.4	13.4	40.1





#90

Hexachloroethane

Concen: 39.278 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

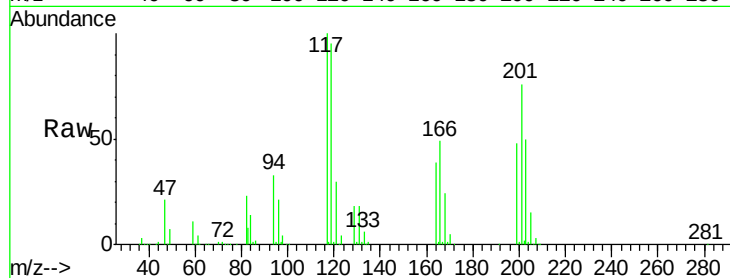
ClientSampled :

Tot Ion:117 Resp: 65509

Ion Ratio Lower Upper

117 100

201 82.7 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

60000

50000

40000

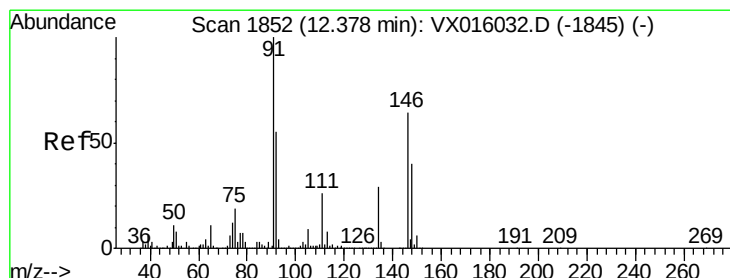
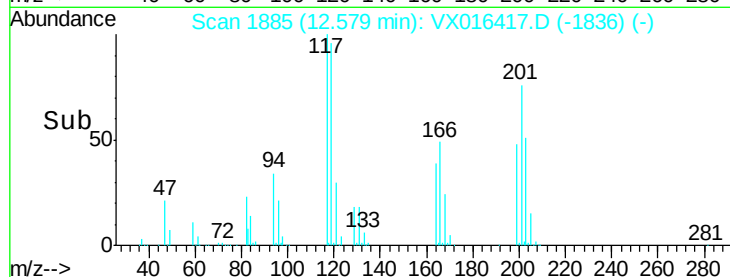
30000

20000

10000

0

Time--> 12.50 12.55 12.60 12.65



#91

1,2-Dichlorobenzene

Concen: 48.729 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

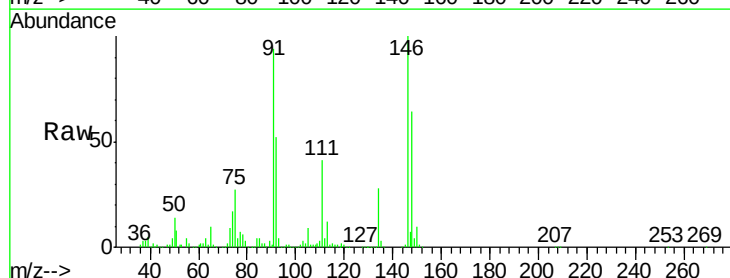
Tgt Ion:146 Resp: 231516

Ion Ratio Lower Upper

146 100

111 41.9 21.1 63.1

148 63.4 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

250000

200000

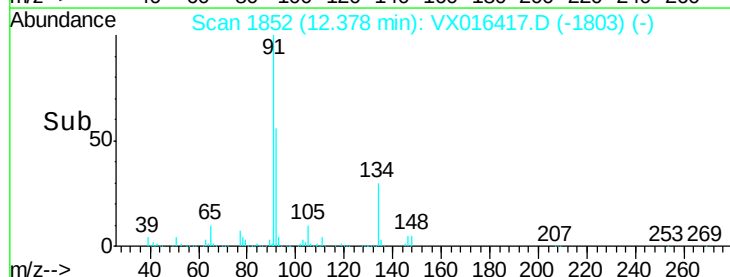
150000

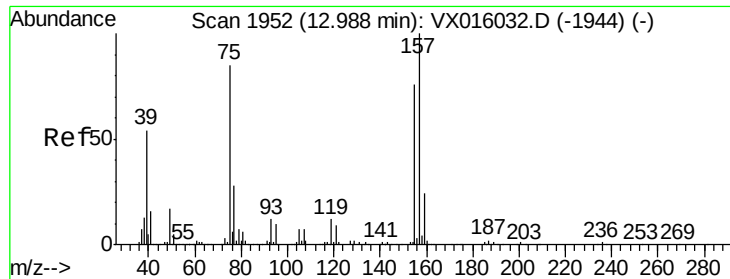
100000

50000

0

Time--> 12.30 12.40





#92

1,2-Dibromo-3-Chloropropane

Concen: 50.656 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

Instrument :

MSVOA_X

ClientSampled :

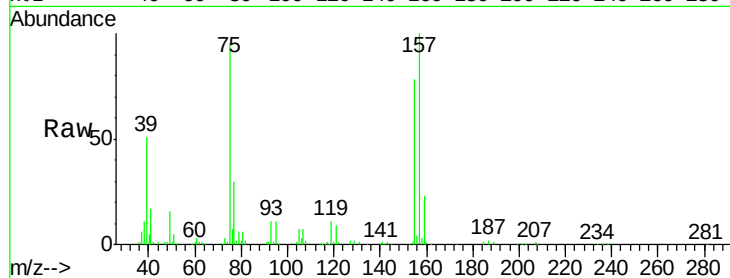
Tot Ion: 75 Resp: 44346

Ion Ratio Lower Upper

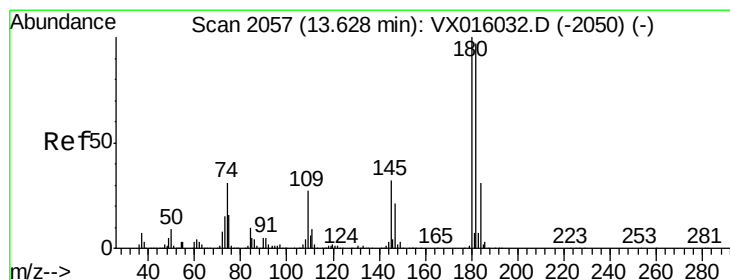
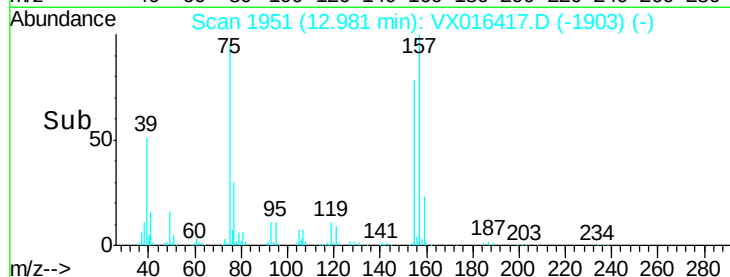
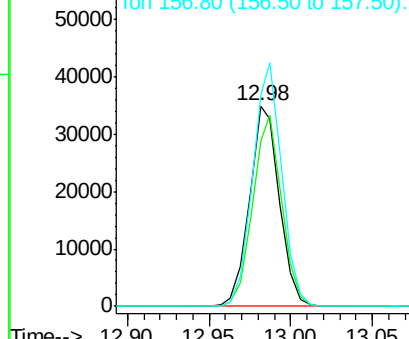
75 100

155 92.3 42.5 127.5

157 117.9 55.3 165.8



Abundance Ion 74.90 (74.60 to 75.60): VX016417.D (-1903) (-)



#93

1,2,4-Trichlorobenzene

Concen: 38.995 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX016417.D

Acq: 22 May 2020 17:07

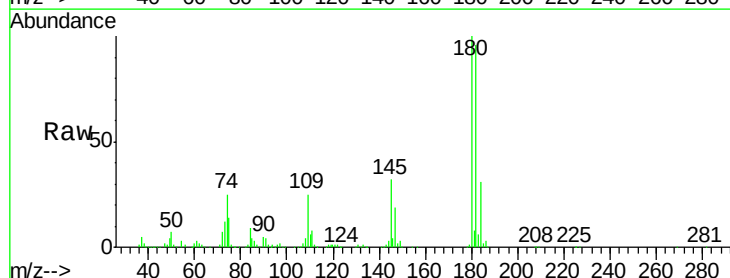
Tgt Ion: 180 Resp: 137167

Ion Ratio Lower Upper

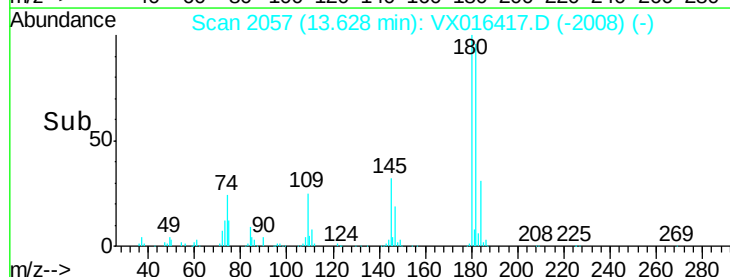
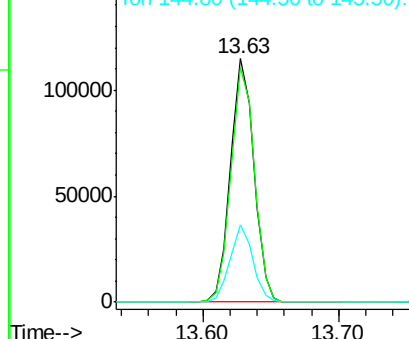
180 100

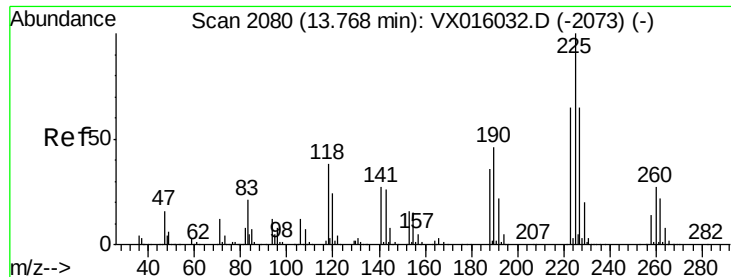
182 96.9 48.7 146.1

145 30.9 15.7 47.1



Abundance Ion 179.80 (179.50 to 180.50): VX016417.D (-2008) (-)

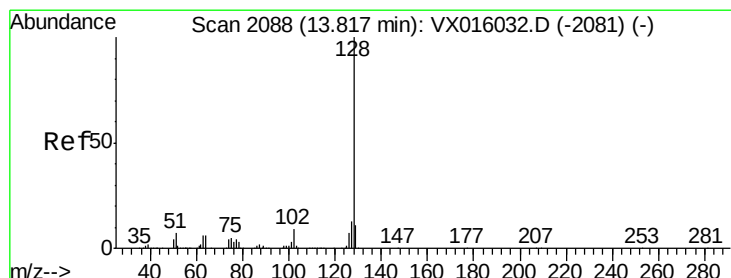
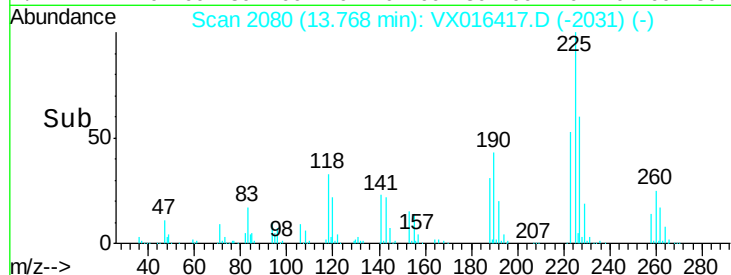
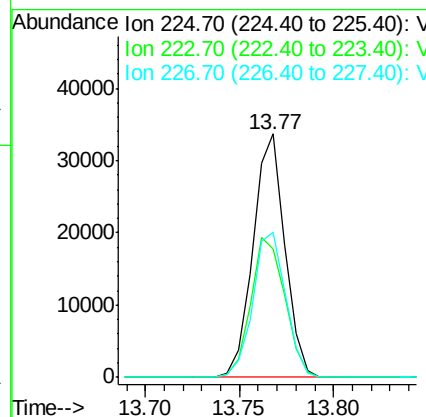
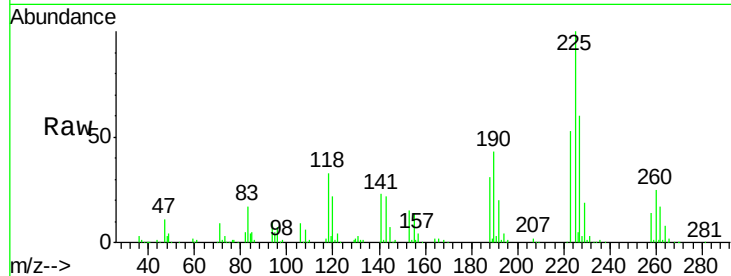




#94
Hexachlorobutadiene
Concen: 26.178 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

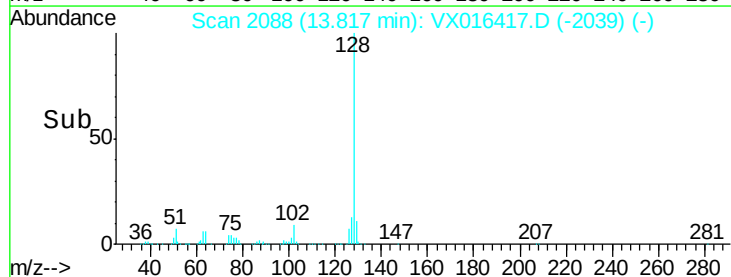
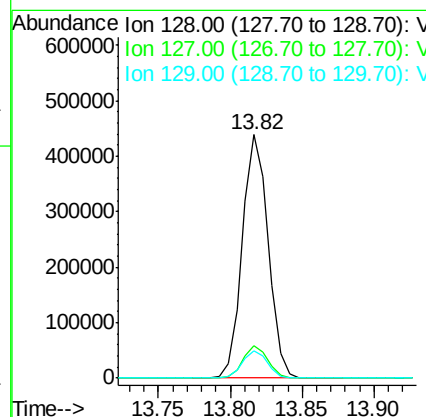
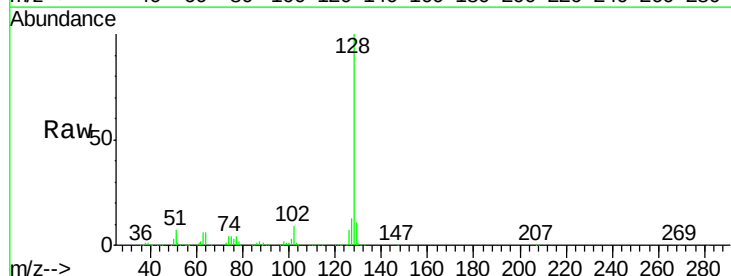
Instrument :
MSVOA_X
ClientSampleId :

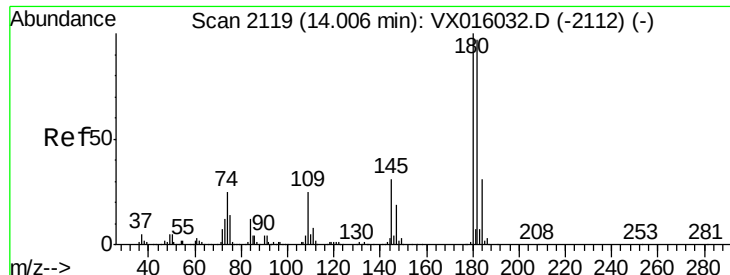
Tot Ion	Ratio	Lower	Upper
225	100		
223	61.6	32.3	96.9
227	61.6	31.8	95.4



#95
Naphthalene
Concen: 48.050 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016417.D
Acq: 22 May 2020 17:07

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.0	8.7	13.1

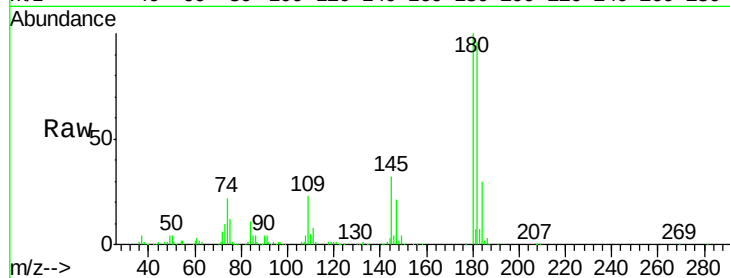




#96
 1,2,3-Trichlorobenzene
 Concen: 39.610 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VX016417.D
 Acq: 22 May 2020 17:07

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.9	48.4	145.0
145	33.4	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

