

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050520\
 Data File : VX016070.D
 Acq On : 05 May 2020 17:36
 Operator : JC/SP
 Sample : L2469-24MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 06 09:24:09 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	284956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	470603	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	437266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	225102	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	179404	47.84	ug/l	0.00
Spiked Amount			Recovery	=	95.68%	
35) Dibromofluoromethane	5.47	113	140843	47.24	ug/l	0.00
Spiked Amount			Recovery	=	94.48%	
50) Toluene-d8	8.70	98	547600	47.67	ug/l	0.00
Spiked Amount			Recovery	=	95.34%	
62) 4-Bromofluorobenzene	11.12	95	210815	48.25	ug/l	0.00
Spiked Amount			Recovery	=	96.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	150340	49.845	ug/l	99
3) Chloromethane	1.31	50	166206	47.450	ug/l	99
4) Vinyl Chloride	1.39	62	182913	48.945	ug/l	99
5) Bromomethane	1.62	94	94704	50.266	ug/l	97
6) Chloroethane	1.70	64	114614	50.405	ug/l	99
7) Trichlorofluoromethane	1.91	101	239552	48.826	ug/l	99
8) Diethyl Ether	2.17	74	99689	48.224	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	138104	48.789	ug/l	99
10) Methyl Iodide	2.49	142	175898	46.262	ug/l	99
11) Tert butyl alcohol	3.01	59	233657	246.419	ug/l	100
12) 1,1-Dichloroethene	2.36	96	144534	48.794	ug/l	95
13) Acrolein	2.27	56	118841	200.286	ug/l	99
14) Allyl chloride	2.71	41	263803	48.571	ug/l	99
15) Acrylonitrile	3.12	53	484569	246.341	ug/l	99
16) Acetone	2.42	43	411394	245.888	ug/l	99
17) Carbon Disulfide	2.55	76	438876	49.334	ug/l	99
18) Methyl Acetate	2.75	43	184183	44.773	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	513875	50.324	ug/l	100
20) Methylene Chloride	2.84	84	164448	47.679	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	158182	47.920	ug/l	98
22) Diisopropyl ether	3.82	45	511891	49.958	ug/l	95
23) Vinyl Acetate	3.79	43	2080967	230.844	ug/l	100
24) 1,1-Dichloroethane	3.67	63	288130	50.269	ug/l	99
25) 2-Butanone	4.64	43	680948	252.574	ug/l	99
26) 2,2-Dichloropropane	4.55	77	224221	42.835	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	178402	49.436	ug/l	98
28) Bromochloromethane	4.98	49	129818	49.670	ug/l	100
29) Tetrahydrofuran	5.09	42	447706	250.620	ug/l	100
30) Chloroform	5.18	83	284252	49.808	ug/l	100
31) Cyclohexane	5.55	56	261495	50.199	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	260353	50.188	ug/l	100
36) 1,1-Dichloropropene	5.77	75	217611	46.976	ug/l	99
37) Ethyl Acetate	4.79	43	239251	44.561	ug/l	99
38) Carbon Tetrachloride	5.76	117	229180	48.673	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	258458	46.329	ug/l	100
40) Benzene	6.12	78	651177	48.042	ug/l	99
41) Methacrylonitrile	5.00	41	138509	47.769	ug/l	99
42) 1,2-Dichloroethane	6.17	62	233838	47.891	ug/l	100
43) Isopropyl Acetate	6.42	43	391636	45.717	ug/l	100
44) Trichloroethene	7.19	130	214696	44.586	ug/l	100
45) 1,2-Dichloropropane	7.49	63	167605	48.869	ug/l	100
46) Dibromomethane	7.64	93	112999	48.482	ug/l	99
47) Bromodichloromethane	7.88	83	233779	49.249	ug/l	97
48) Methyl methacrylate	7.74	41	197542	48.664	ug/l	99
49) 1,4-Dioxane	7.71	88	93663	962.080	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1293206	246.688	ug/l	100
52) Toluene	8.77	92	409295	48.445	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	265587	46.926	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	278581	47.124	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	162455	48.874	ug/l	98
56) Ethyl methacrylate	9.16	69	271725	50.080	ug/l	99
57) 1,3-Dichloropropane	9.35	76	285360	49.200	ug/l	100
59) 2-Hexanone	9.48	43	1008121	244.875	ug/l	99
60) Dibromochloromethane	9.57	129	183351	50.084	ug/l	98
61) 1,2-Dibromoethane	9.65	107	175977	48.876	ug/l	100
64) Tetrachloroethene	9.32	164	252999	47.131	ug/l	99
65) Chlorobenzene	10.12	112	435889	47.608	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	164425	48.588	ug/l	99
67) Ethyl Benzene	10.24	91	787004	48.175	ug/l	98
68) m/p-Xylenes	10.34	106	595230	97.250	ug/l	100
69) o-Xylene	10.68	106	289143	49.146	ug/l	99
70) Styrene	10.70	104	497501	49.844	ug/l	99
71) Bromoform	10.84	173	139194	50.485	ug/l #	99
73) Isopropylbenzene	11.01	105	766028	46.787	ug/l	99
74) N-amyl acetate	10.88	43	328588	43.026	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	169614	52.430	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	317704	62.196	ug/l	83
77) Bromobenzene	11.24	156	190865	45.164	ug/l	98
78) n-propylbenzene	11.35	91	887252	46.582	ug/l	100
79) 2-Chlorotoluene	11.41	91	521611	46.395	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	646964	46.801	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	98269	45.845	ug/l	99
82) 4-Chlorotoluene	11.49	91	615256	46.342	ug/l	100
83) tert-Butylbenzene	11.76	119	557444	46.792	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	653914	46.789	ug/l	100
85) sec-Butylbenzene	11.93	105	747937	46.498	ug/l	100
86) p-Isopropyltoluene	12.05	119	689905	46.196	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	341116	44.954	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	347350	45.101	ug/l	99
89) n-Butylbenzene	12.37	91	609967	44.708	ug/l	99
90) Hexachloroethane	12.58	117	122208	47.648	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	330328	45.210	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	61713	45.840	ug/l	99
93) 1,2,4-Trichlorobenzene	13.63	180	238713	44.129	ug/l	98

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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	107705	46.278	ug/l	99
95) Naphthalene	13.82	128	815946	46.583	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	243807	46.117	ug/l	96

(#) = 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: VX016070.D

Acq: 05 May 2020 17:36

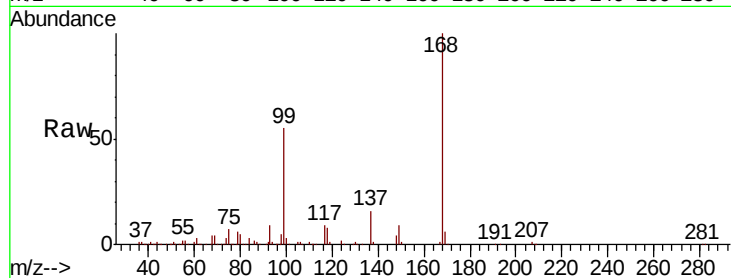
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 284956

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

5.63

120000

100000

80000

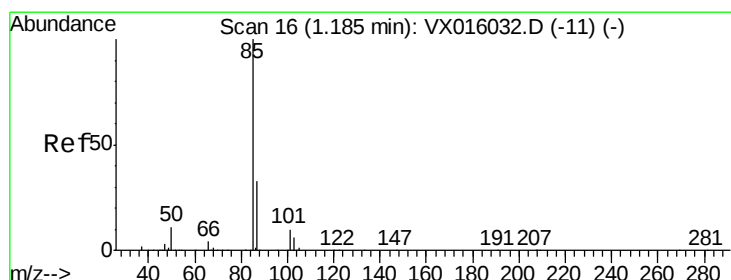
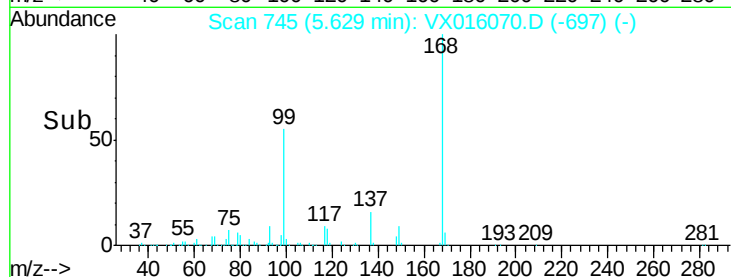
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.845 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016070.D

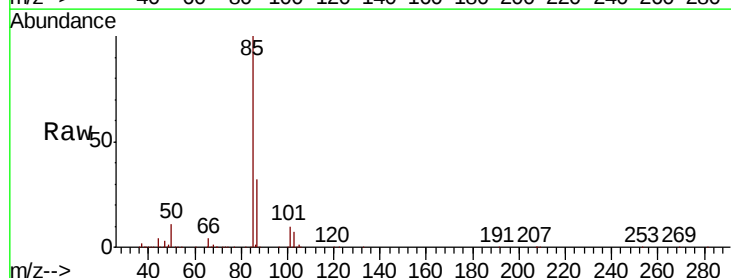
Acq: 05 May 2020 17:36

Tgt Ion: 85 Resp: 150340

Ion Ratio Lower Upper

85 100

87 32.3 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

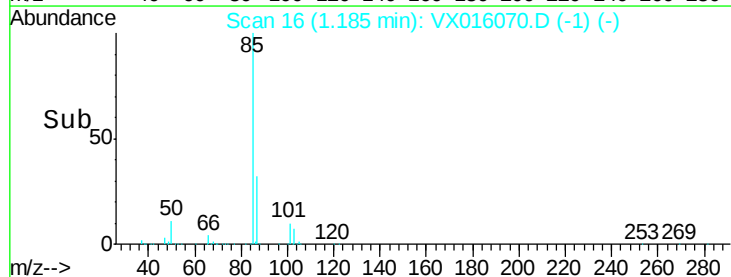
150000

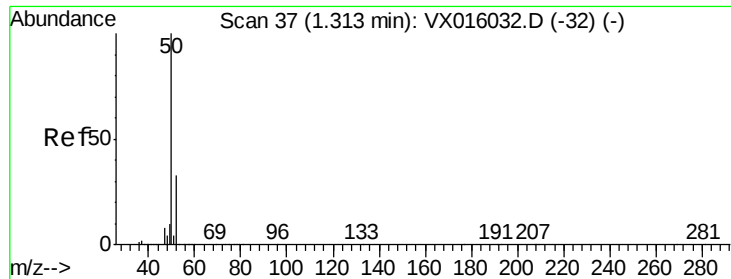
100000

50000

0

Time-->





#3

Chloromethane

Concen: 47.450 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

Instrument :

MSVOA_X

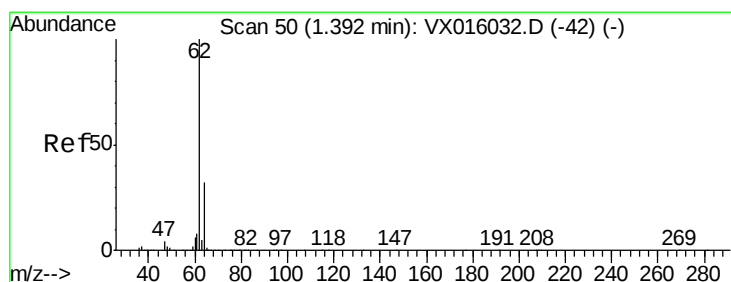
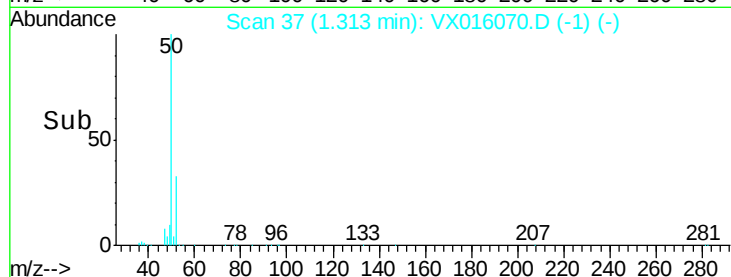
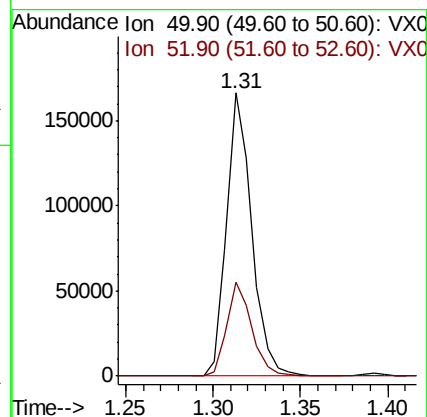
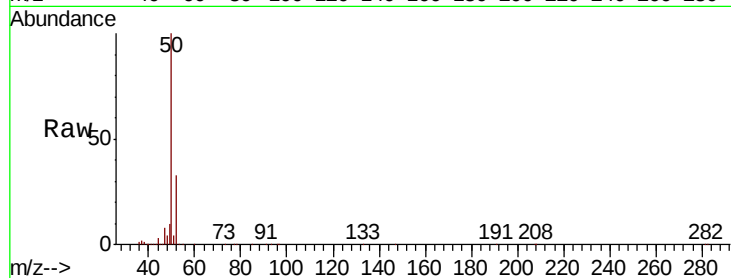
ClientSampleId :

Tot Ion: 50 Resp: 166206

Ion Ratio Lower Upper

50 100

52 33.0 26.1 39.1



#4

Vinyl Chloride

Concen: 48.945 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016070.D

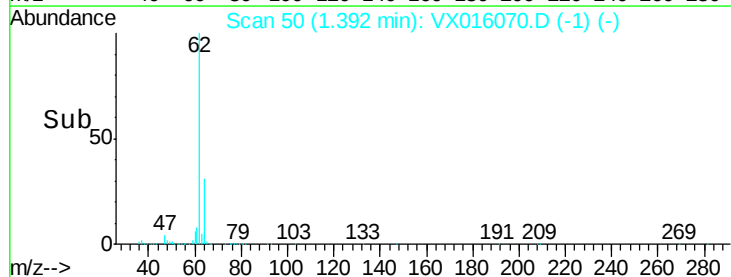
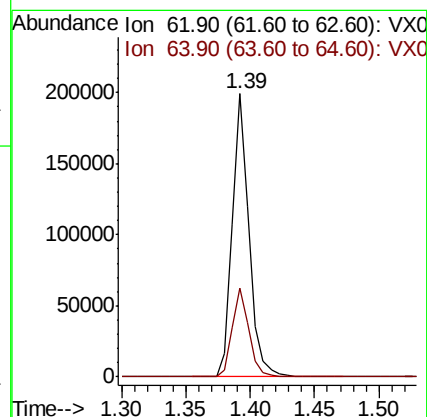
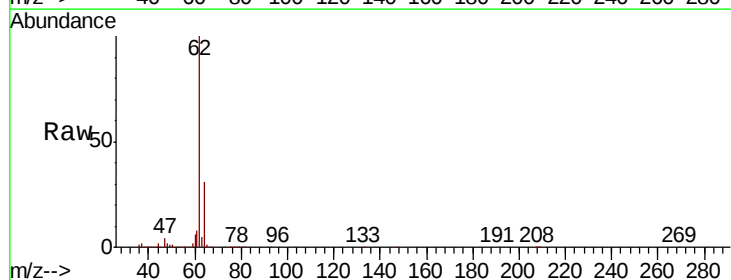
Acq: 05 May 2020 17:36

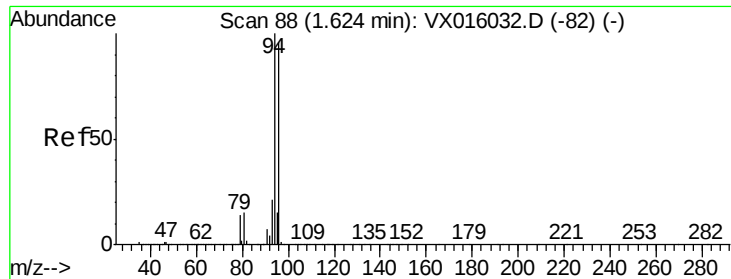
Tgt Ion: 62 Resp: 182913

Ion Ratio Lower Upper

62 100

64 31.5 25.7 38.5





#5

Bromomethane

Concen: 50.266 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

Instrument :

MSVOA_X

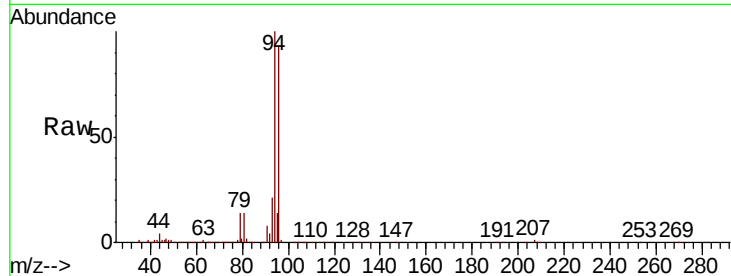
ClientSampleId :

Tot Ion: 94 Resp: 94704

Ion Ratio Lower Upper

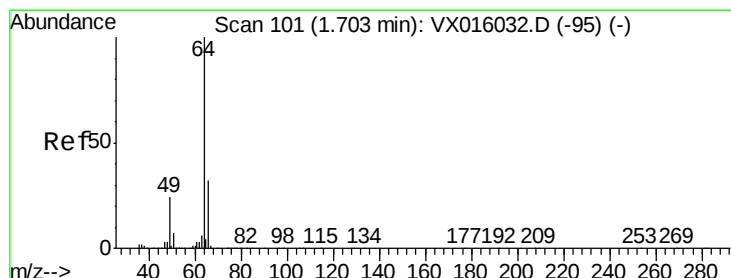
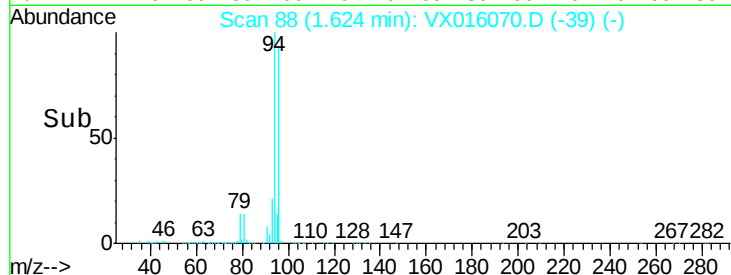
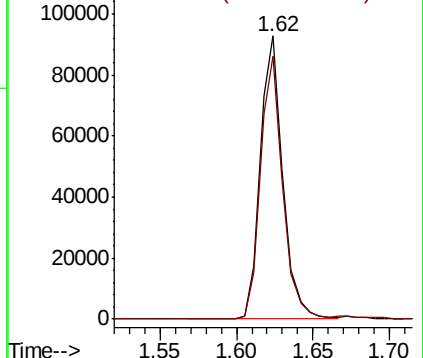
94 100

96 92.8 76.9 115.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.405 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016070.D

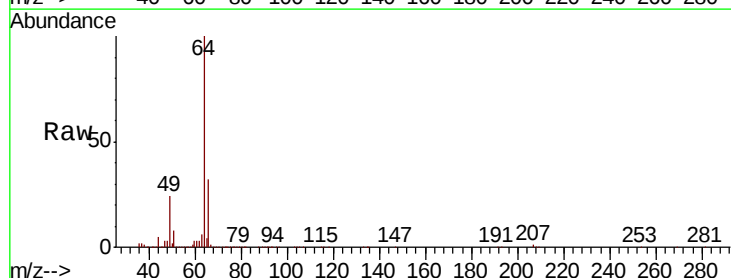
Acq: 05 May 2020 17:36

Tgt Ion: 64 Resp: 114614

Ion Ratio Lower Upper

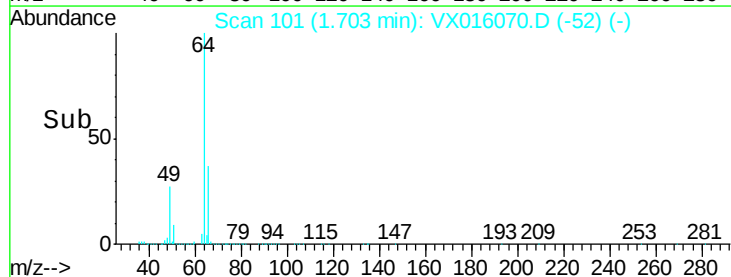
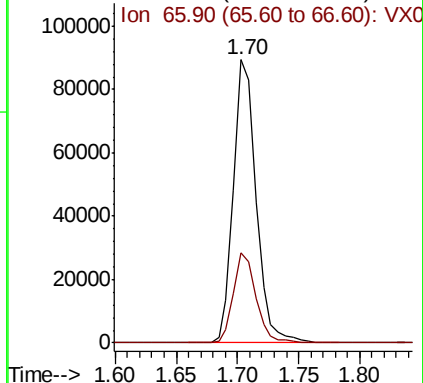
64 100

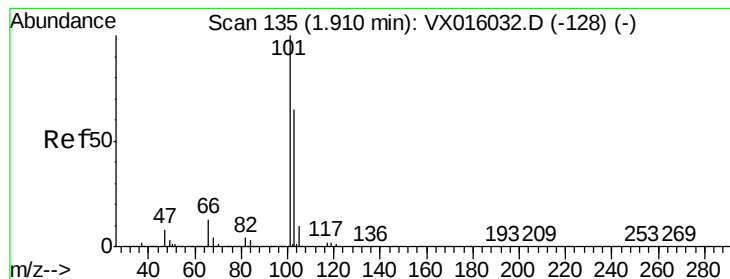
66 31.9 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



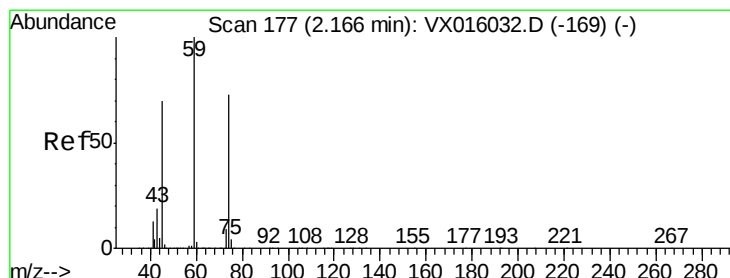
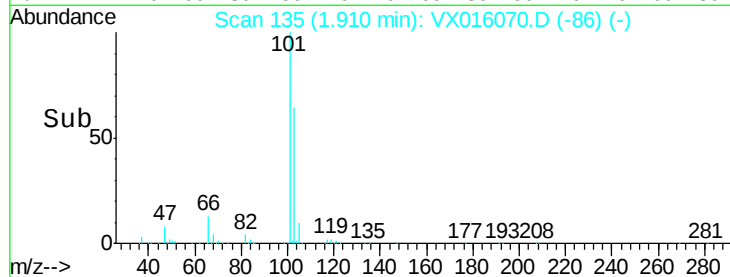
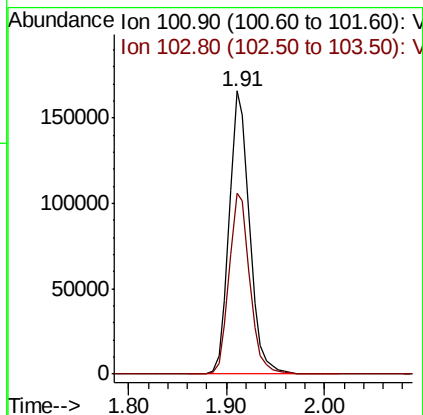
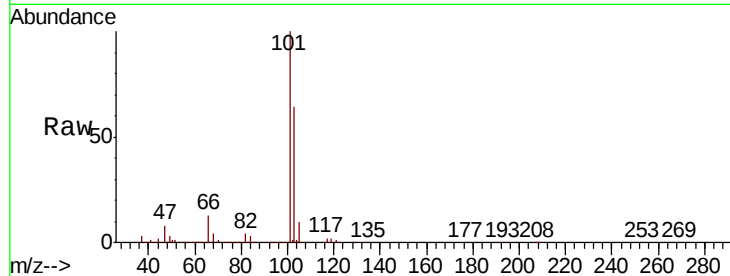


#7

Trichlorofluoromethane
 Concen: 48.826 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.00 min
 Lab File: VX016070.D
 Acq: 05 May 2020 17:36

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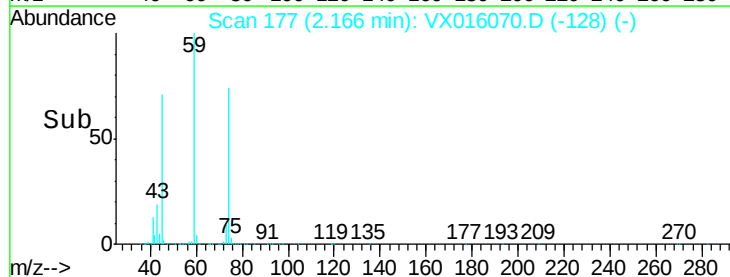
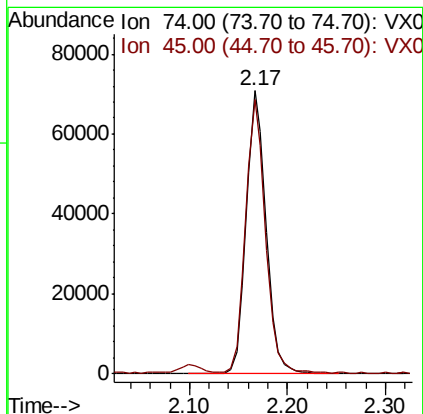
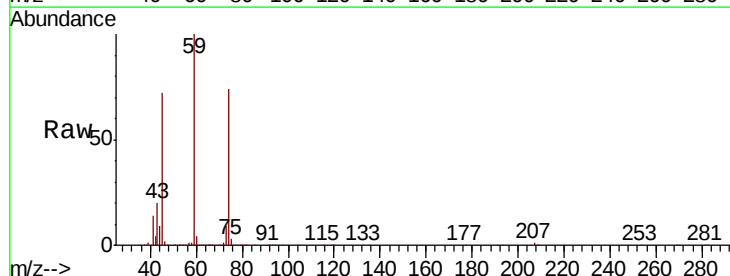
Tot Ion:101 Resp: 239552
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.8 77.6

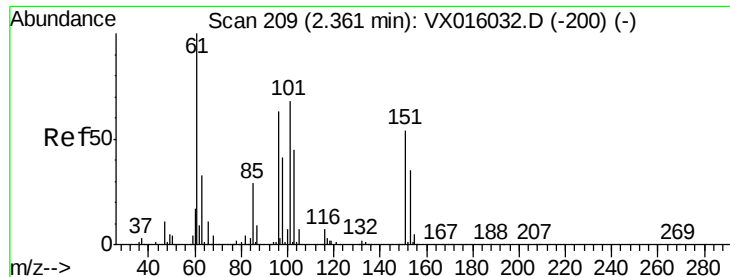


#8

Diethyl Ether
 Concen: 48.224 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016070.D
 Acq: 05 May 2020 17:36

Tgt Ion: 74 Resp: 99689
 Ion Ratio Lower Upper
 74 100
 45 96.6 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.789 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

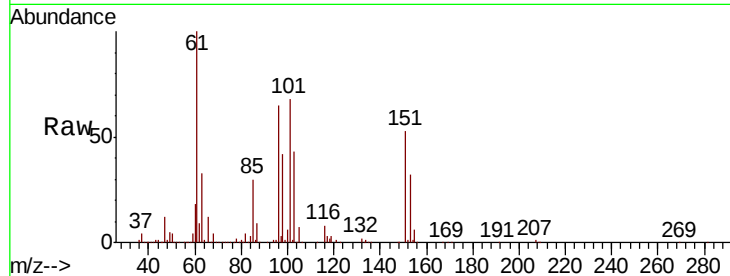
Tot Ion:101 Resp: 138104

Ion Ratio Lower Upper

101 100

85 43.8 34.2 51.4

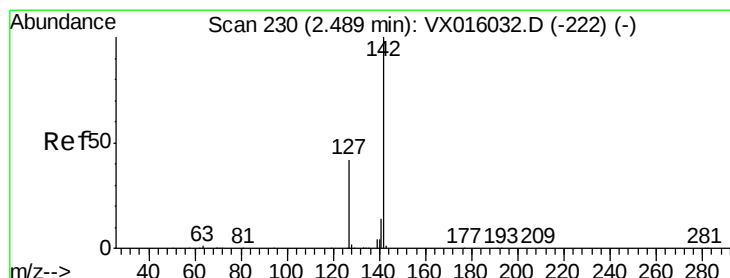
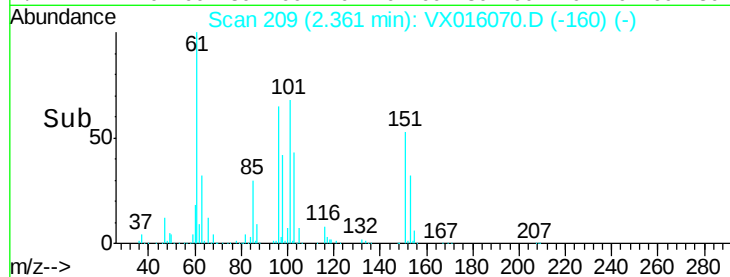
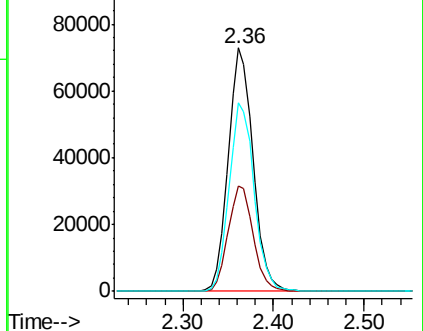
151 78.3 62.1 93.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.262 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

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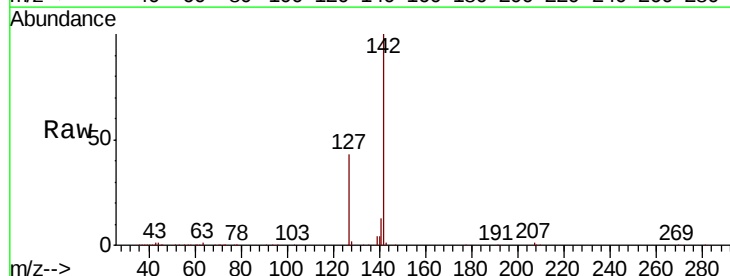
Tgt Ion:142 Resp: 175898

Ion Ratio Lower Upper

142 100

127 42.9 34.6 52.0

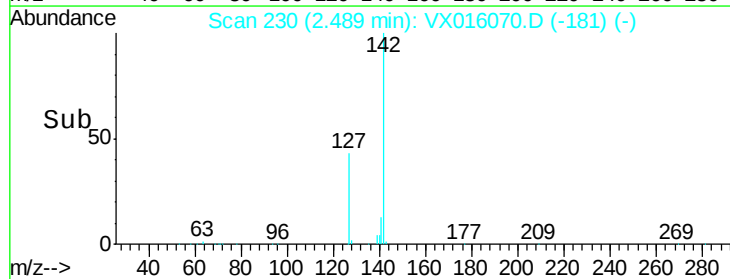
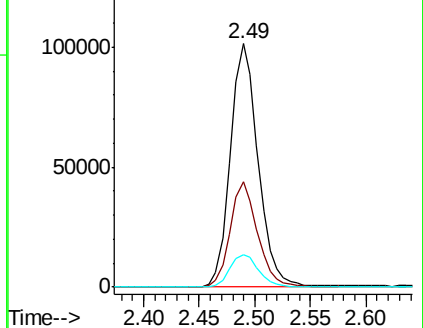
141 14.0 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



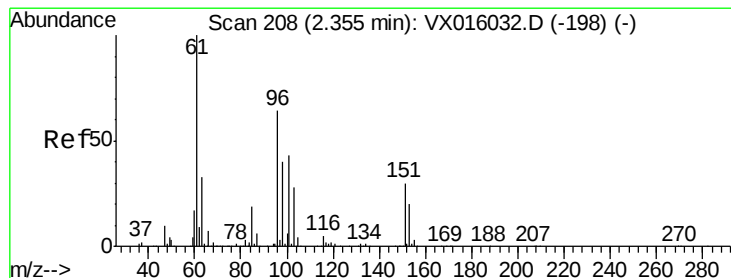
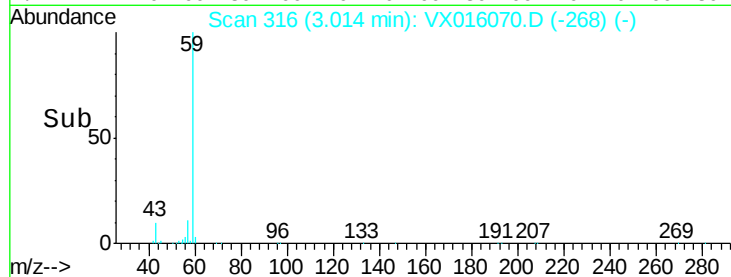
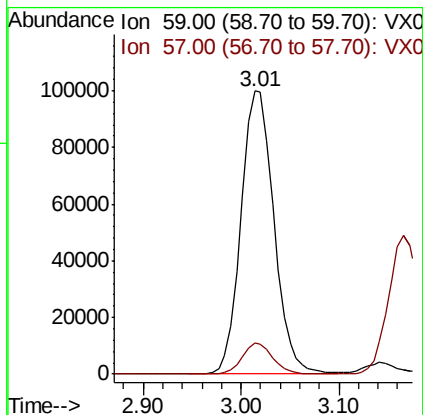
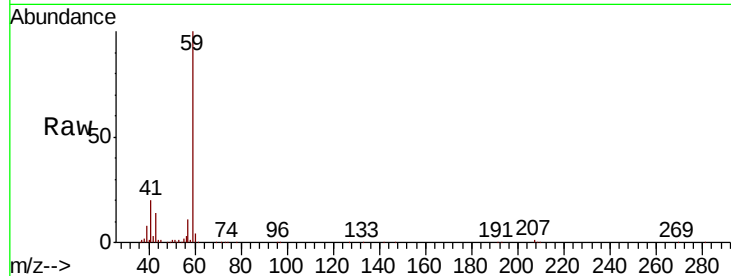


#11

Tert butyl alcohol
 Concen: 246.419 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX016070.D
 Acq: 05 May 2020 17:36

Instrument :
 MSVOA_X
 ClientSampled :

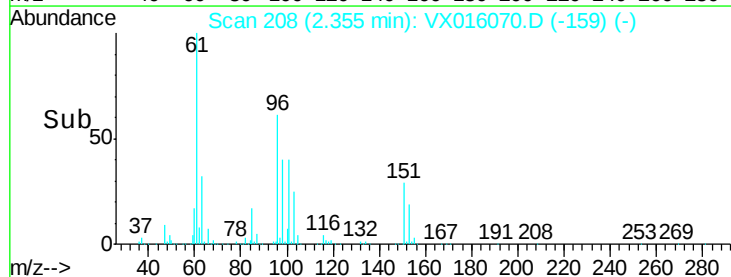
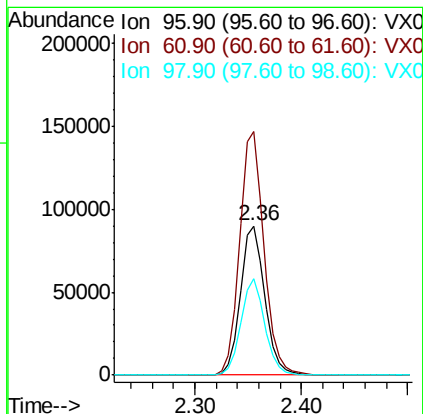
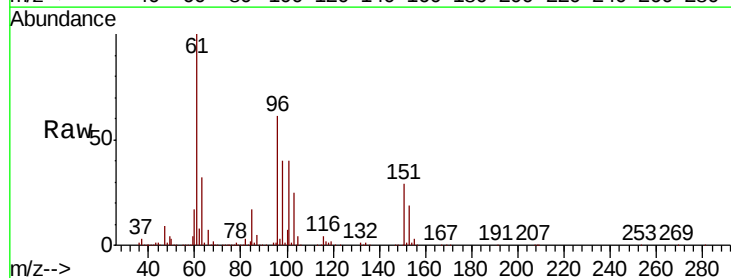
Tot Ion: 59 Resp: 233657
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.4



#12

1,1-Dichloroethene
 Concen: 48.794 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016070.D
 Acq: 05 May 2020 17:36

Tgt Ion: 96 Resp: 144534
 Ion Ratio Lower Upper
 96 100
 61 163.3 124.8 187.2
 98 64.6 49.7 74.5





#13

Acrolein

Concen: 200.286 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

Instrument :

MSVOA_X

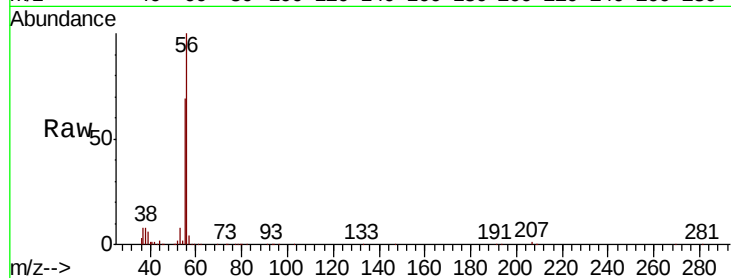
ClientSampleId :

Tot Ion: 56 Resp: 118841

Ion Ratio Lower Upper

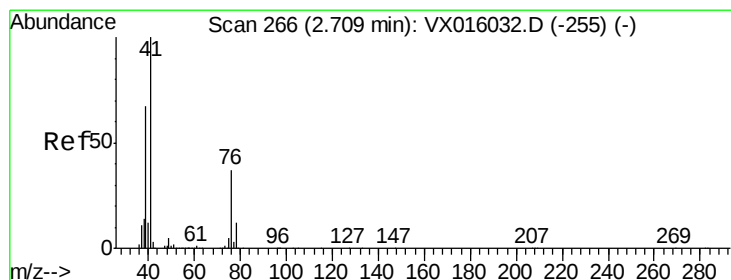
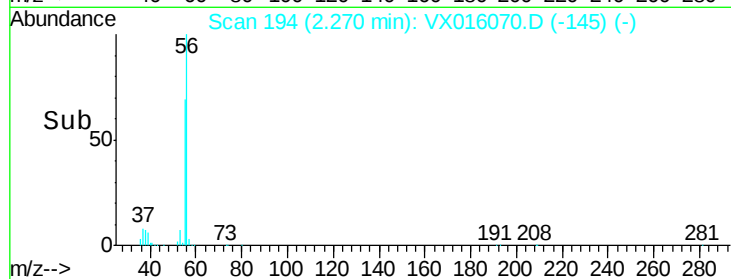
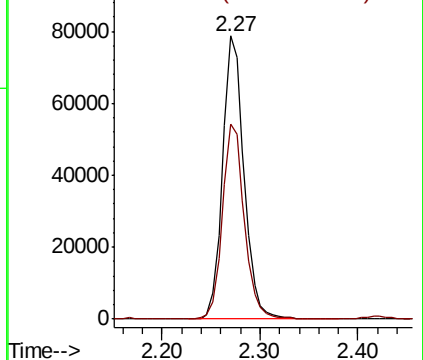
56 100

55 69.9 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 48.571 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

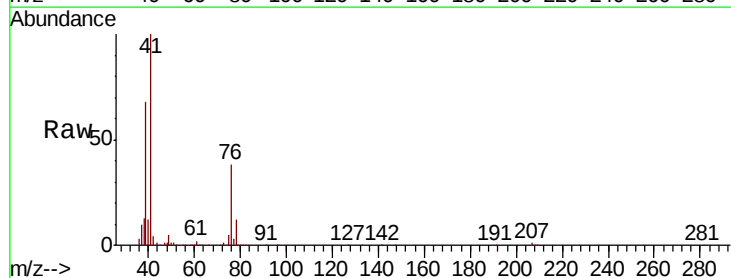
Tgt Ion: 41 Resp: 263803

Ion Ratio Lower Upper

41 100

39 62.2 50.5 75.7

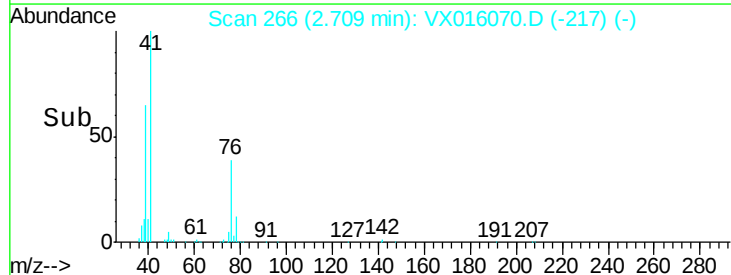
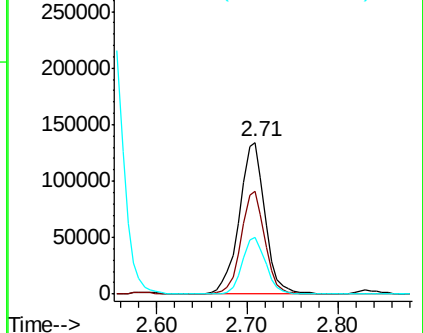
76 34.2 26.6 40.0

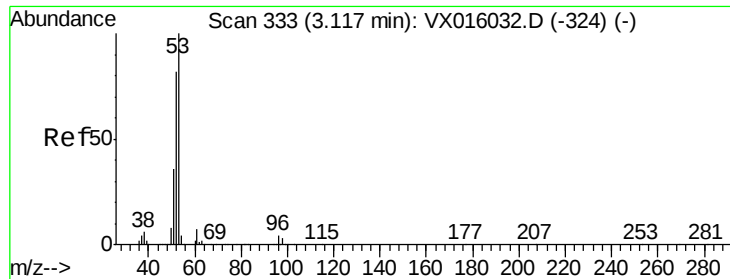


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

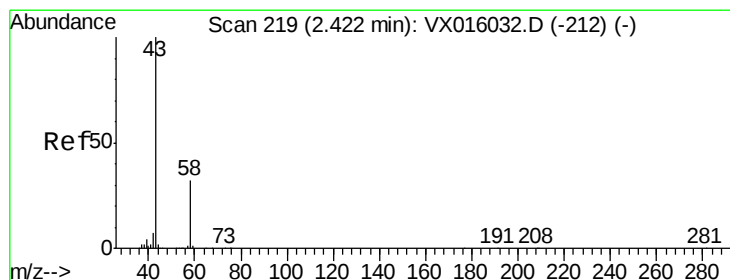
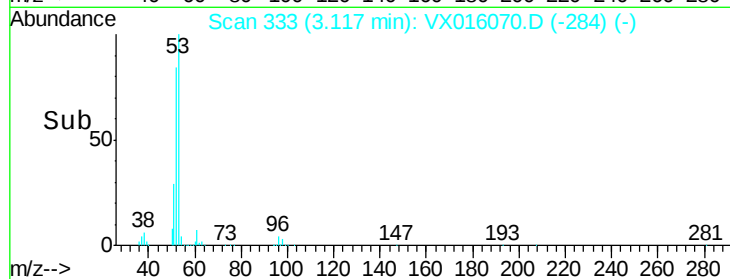
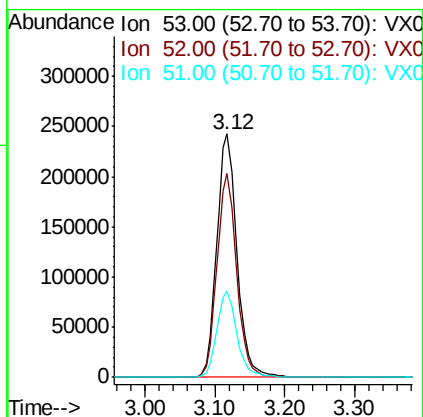
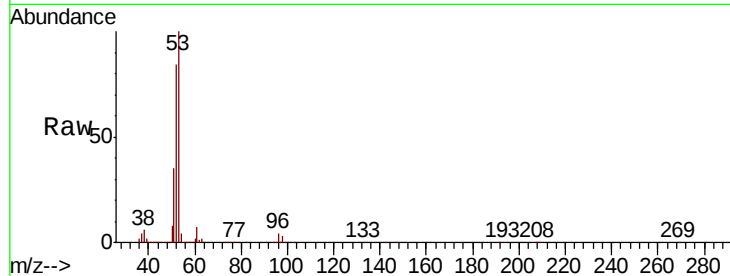




#15
 Acrylonitrile
 Concen: 246.341 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016070.D
 Acq: 05 May 2020 17:36

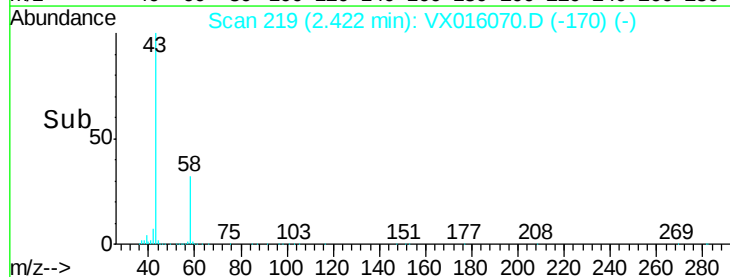
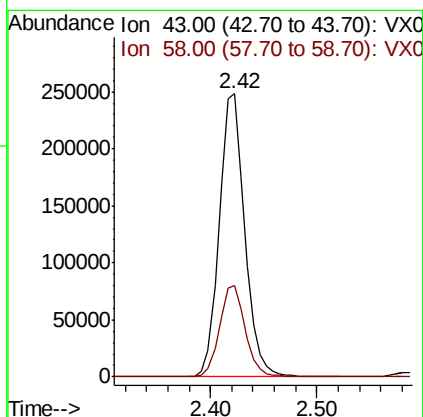
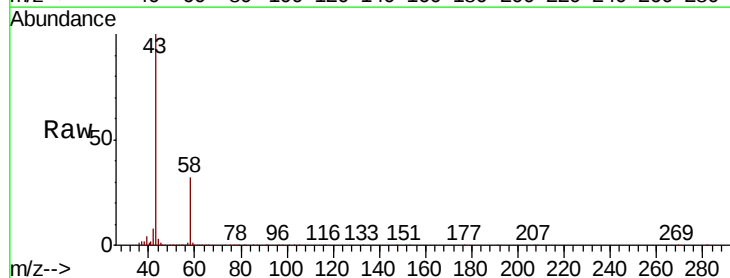
Instrument :
 MSVOA_X
 ClientSampleId :

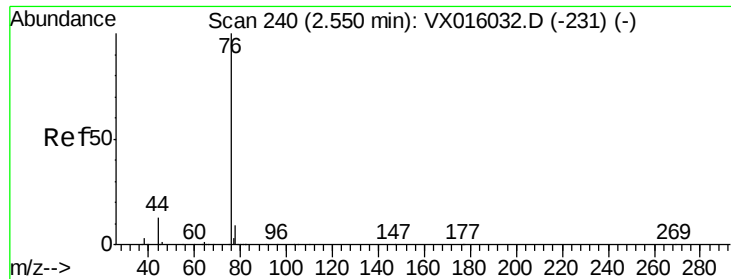
Tot Ion	53	Resp	484569
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.1	99.1
51	35.5	28.8	43.2



#16
 Acetone
 Concen: 245.888 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX016070.D
 Acq: 05 May 2020 17:36

Tgt Ion	43	Resp	411394
Ion	Ratio	Lower	Upper
43	100		
58	32.4	25.4	38.0





#17

Carbon Disulfide

Concen: 49.334 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

Instrument :

MSVOA_X

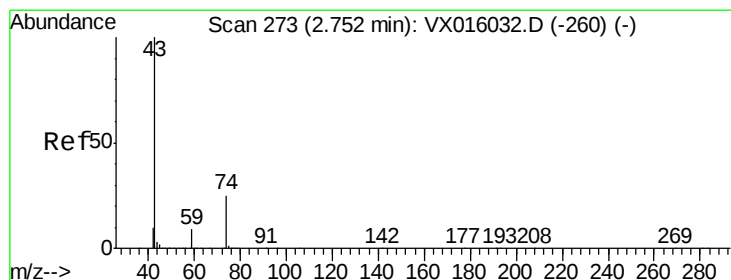
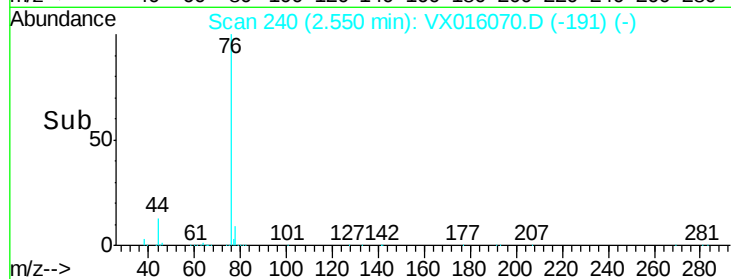
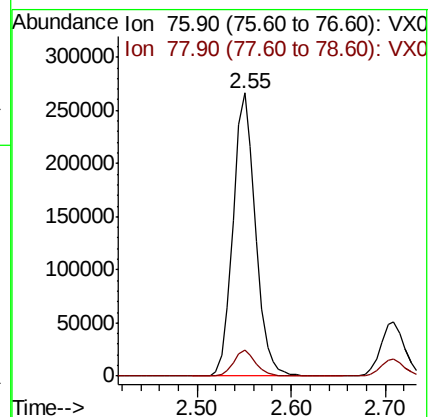
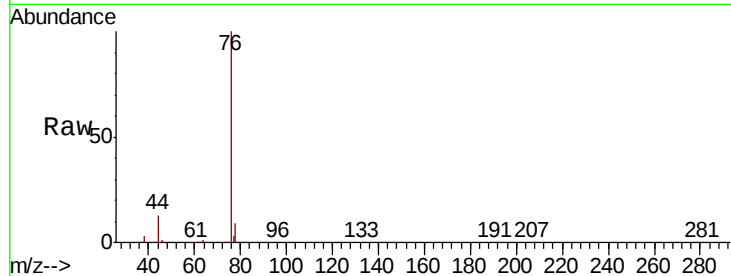
ClientSampleId :

Tot Ion: 76 Resp: 438876

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3



#18

Methyl Acetate

Concen: 44.773 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016070.D

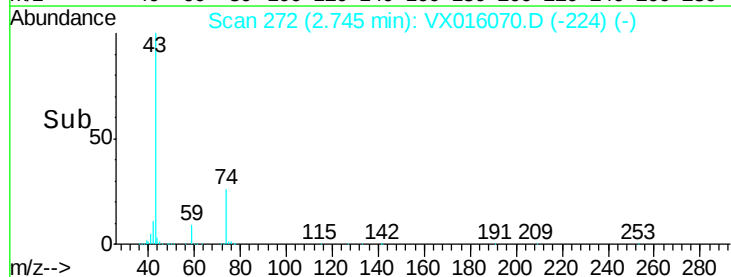
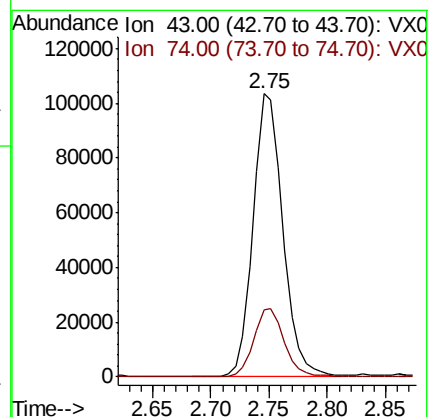
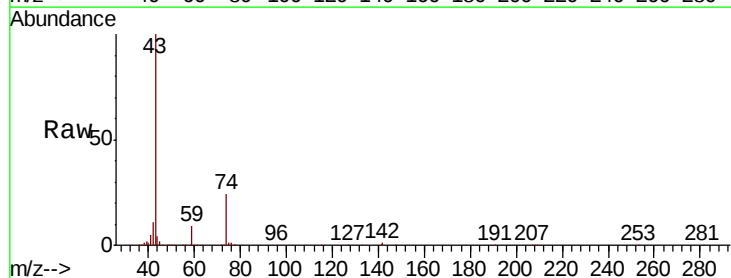
Acq: 05 May 2020 17:36

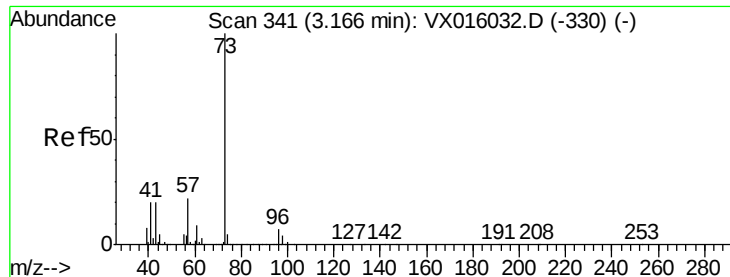
Tgt Ion: 43 Resp: 184183

Ion Ratio Lower Upper

43 100

74 25.1 20.2 30.2

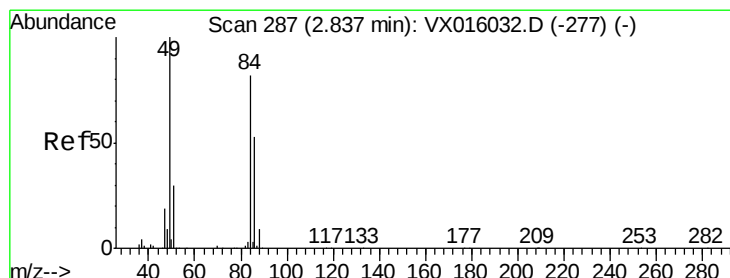
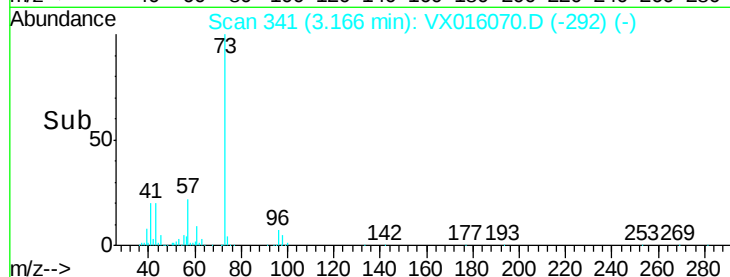
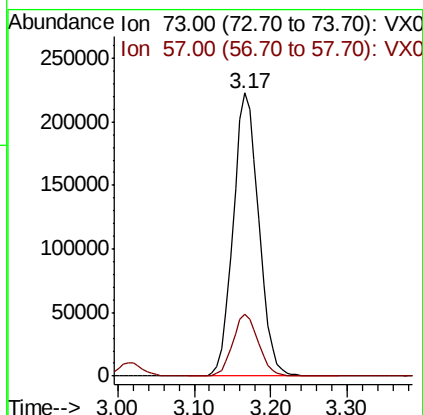
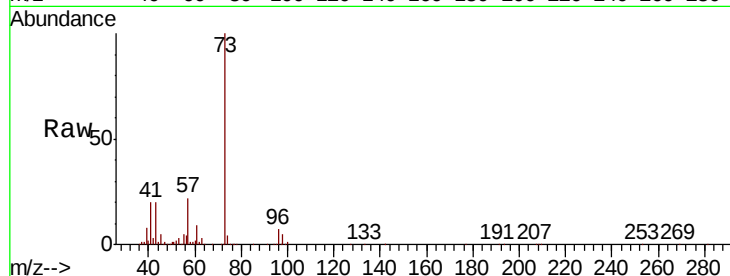




#19
Methyl tert-butyl Ether
Concen: 50.324 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016070.D
Acq: 05 May 2020 17:36

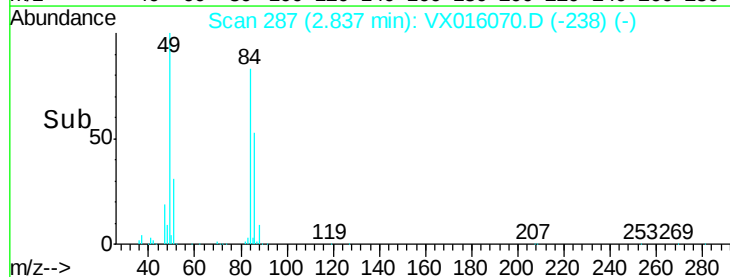
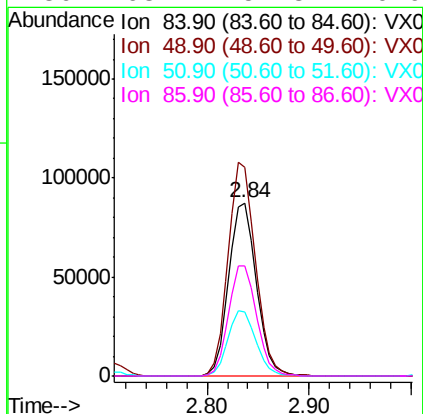
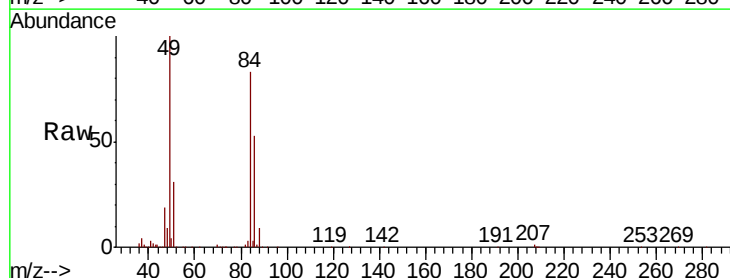
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 73 Resp: 513875
Ion Ratio Lower Upper
73 100
57 22.0 17.8 26.6



#20
Methylene Chloride
Concen: 47.679 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016070.D
Acq: 05 May 2020 17:36

Tgt Ion: 84 Resp: 164448
Ion Ratio Lower Upper
84 100
49 120.9 97.3 145.9
51 37.1 29.3 43.9
86 63.7 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 47.920 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

Instrument :

MSVOA_X

ClientSampled :

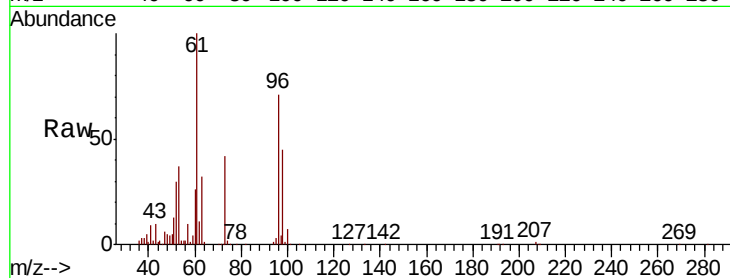
Tot Ion: 96 Resp: 158182

Ion Ratio Lower Upper

96 100

61 141.6 111.2 166.8

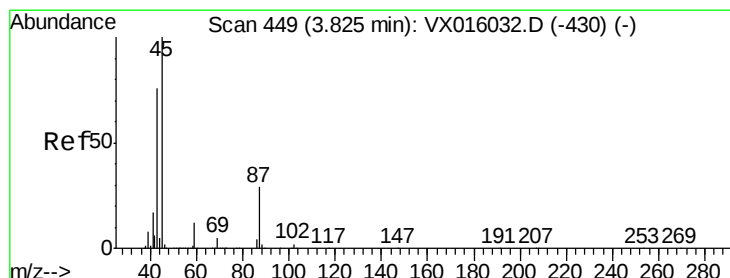
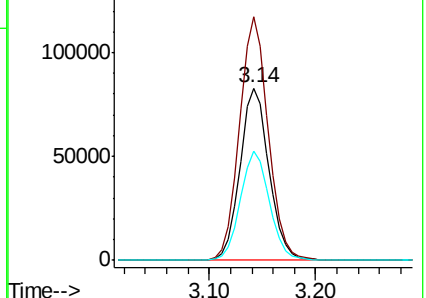
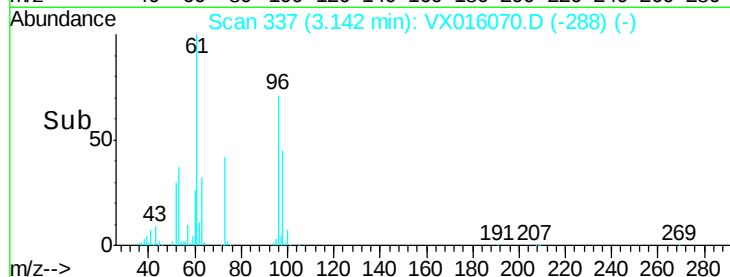
98 63.3 50.2 75.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 49.958 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

Tgt Ion: 45 Resp: 511891

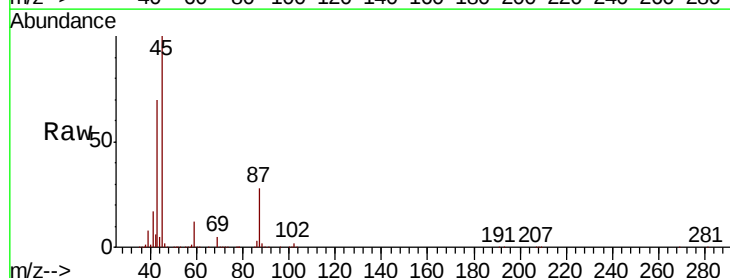
Ion Ratio Lower Upper

45 100

43 70.3 61.1 91.7

87 28.1 23.0 34.6

59 11.6 9.8 14.6

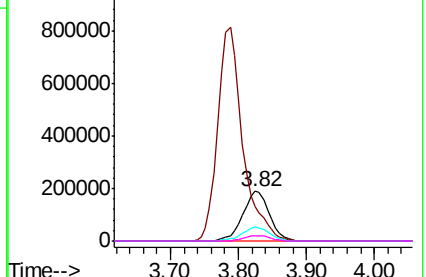
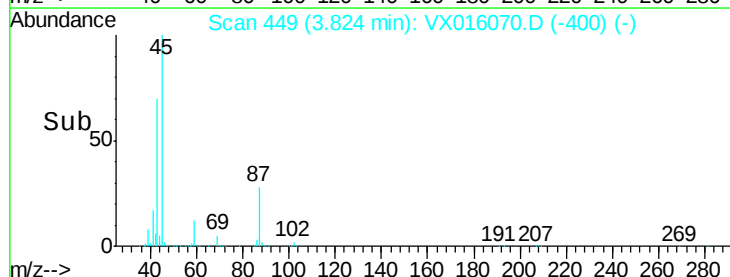


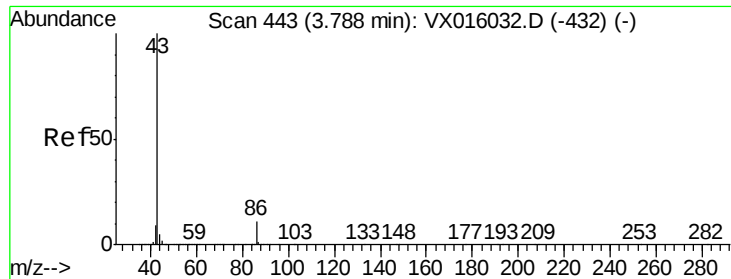
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

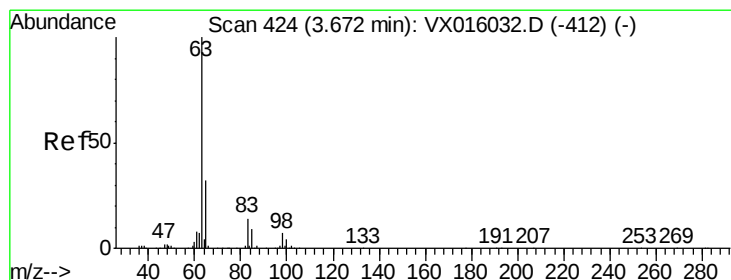
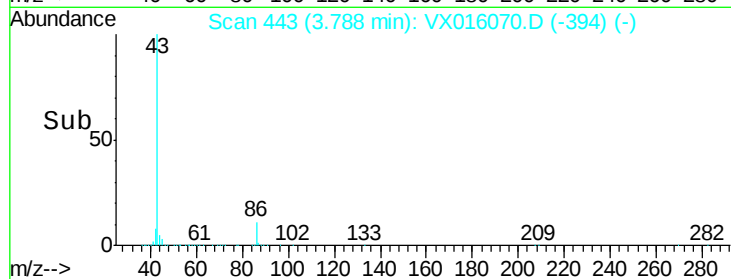
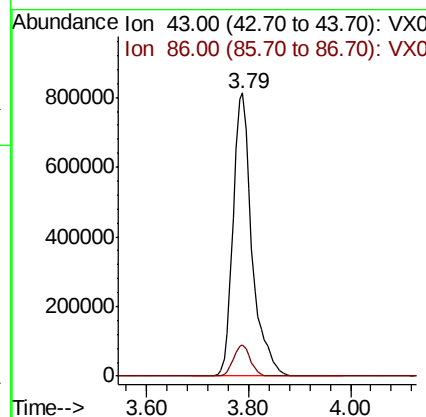
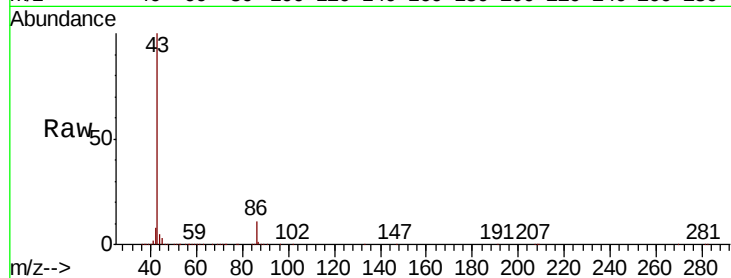




#23
 Vinyl Acetate
 Concen: 230.844 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VX016070.D
 Acq: 05 May 2020 17:36

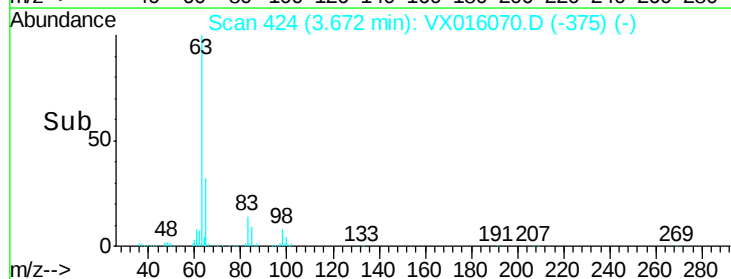
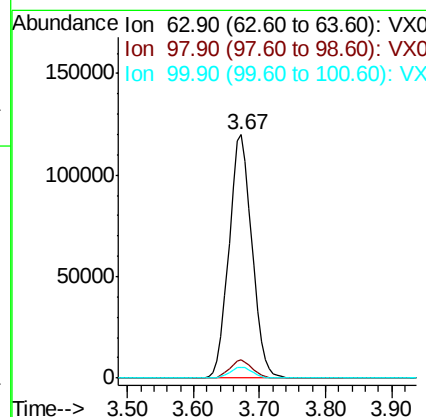
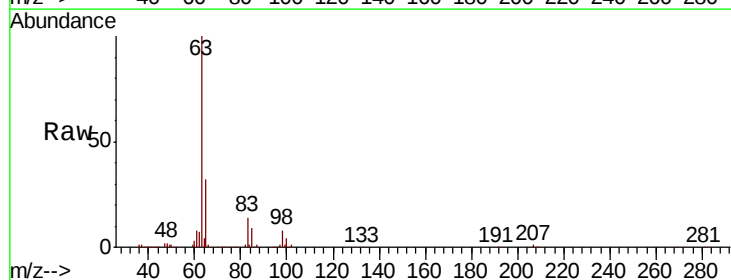
Instrument :
 MSVOA_X
 ClientSampleId :

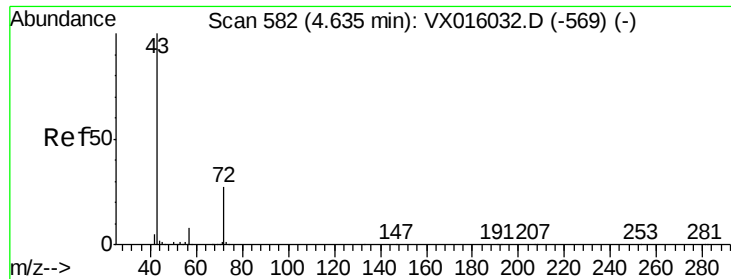
Tot Ion: 43 Resp: 2080967
 Ion Ratio Lower Upper
 43 100
 86 11.2 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 50.269 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX016070.D
 Acq: 05 May 2020 17:36

Tgt Ion: 63 Resp: 288130
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.5
 100 4.4 2.1 6.5





#25

2-Butanone

Concen: 252.574 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

Instrument :

MSVOA_X

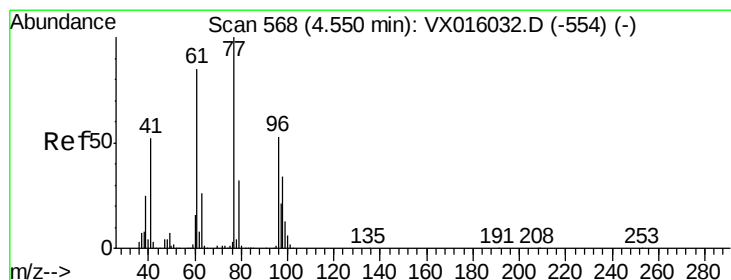
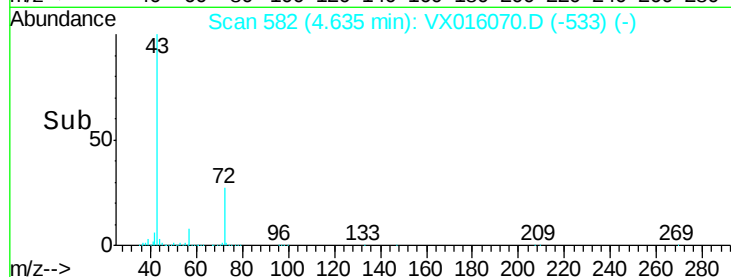
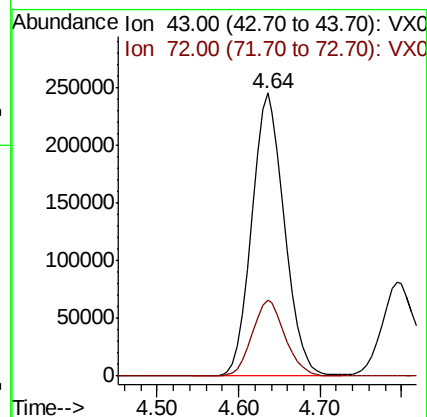
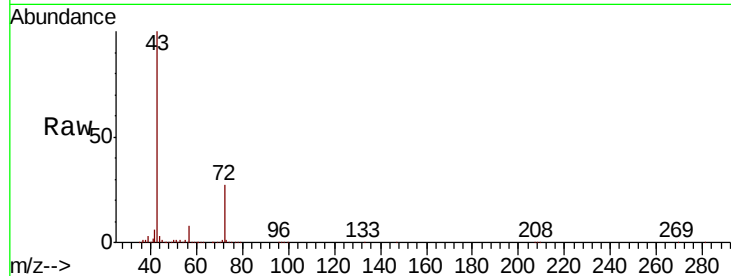
ClientSampled :

Tot Ion: 43 Resp: 680948

Ion Ratio Lower Upper

43 100

72 26.7 21.8 32.8



#26

2,2-Dichloropropane

Concen: 42.835 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016070.D

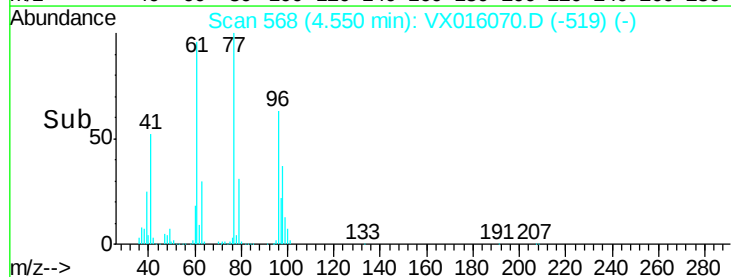
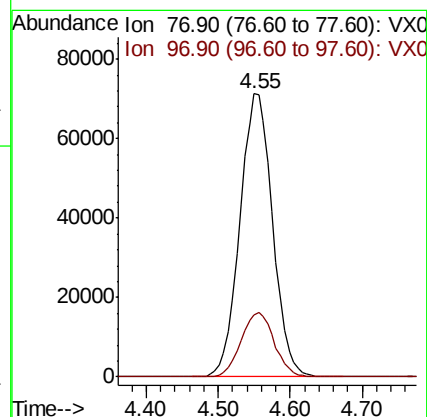
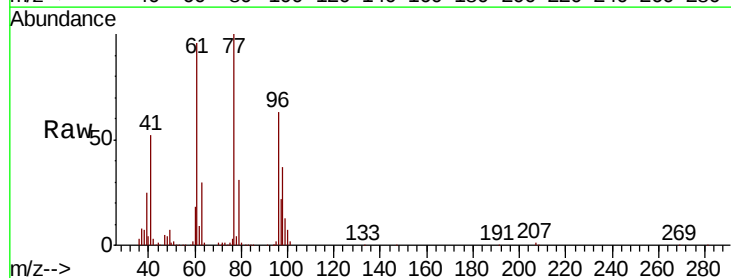
Acq: 05 May 2020 17:36

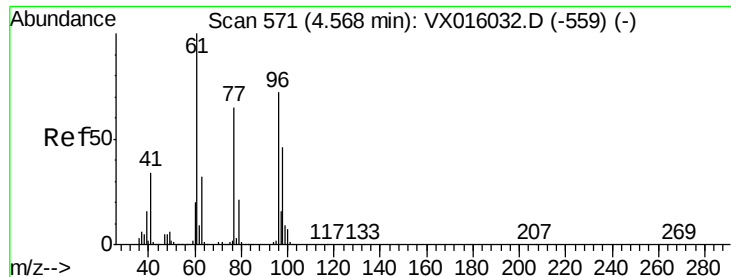
Tgt Ion: 77 Resp: 224221

Ion Ratio Lower Upper

77 100

97 23.0 11.2 33.6



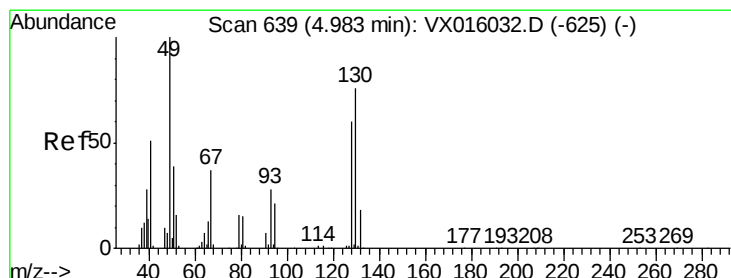
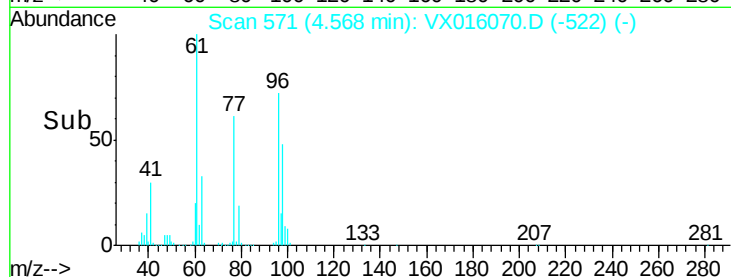
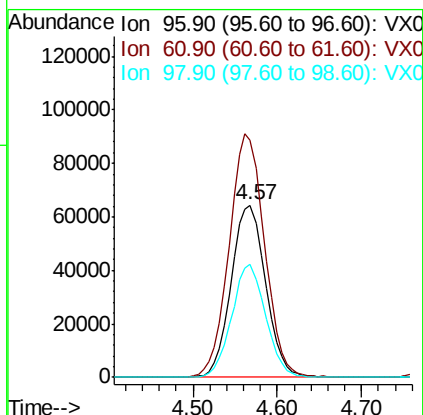
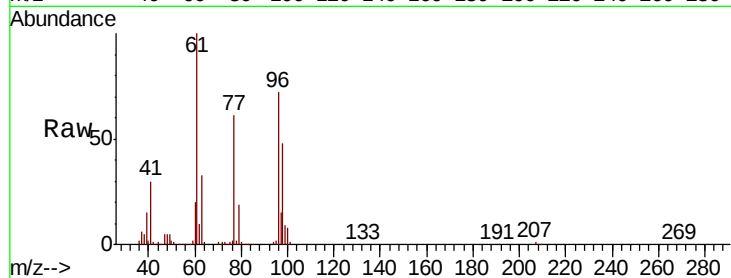


#27

cis-1,2-Dichloroethene
Concen: 49.436 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016070.D
Acq: 05 May 2020 17:36

Instrument :
MSVOA_X
ClientSampleId :

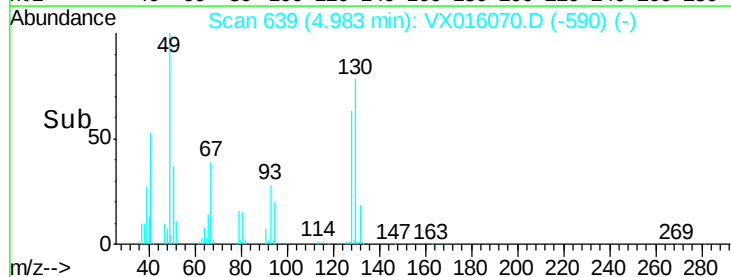
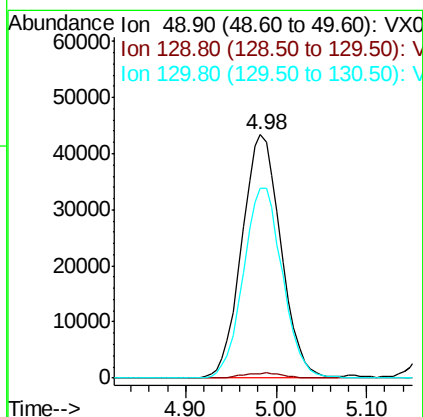
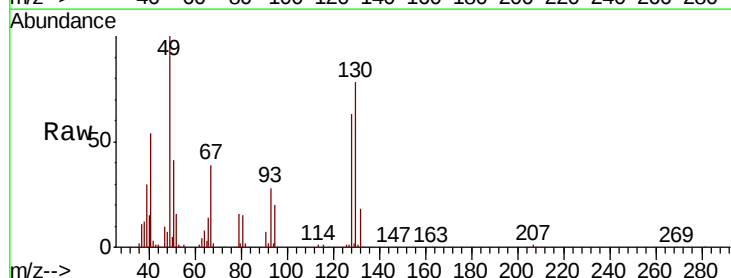
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.2	0.0	296.2
98	64.8	0.0	129.4

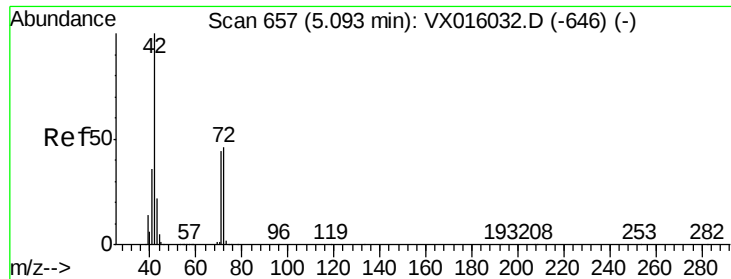


#28

Bromochloromethane
Concen: 49.670 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016070.D
Acq: 05 May 2020 17:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	78.1	62.4	93.6

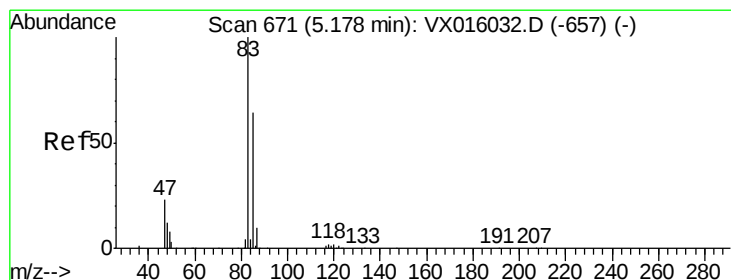
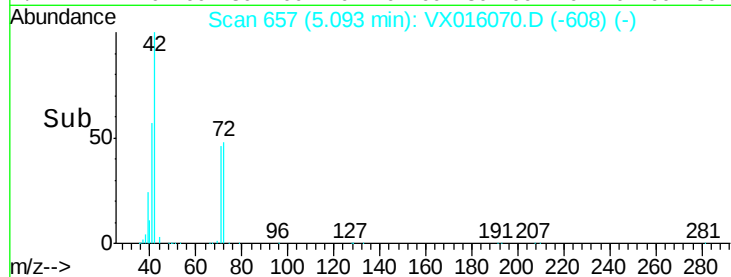
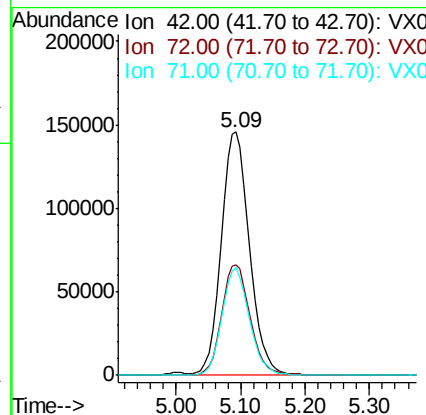
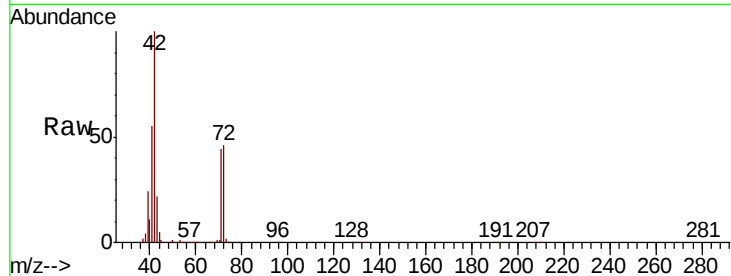




#29
Tetrahydrofuran
Concen: 250.620 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016070.D
Acq: 05 May 2020 17:36

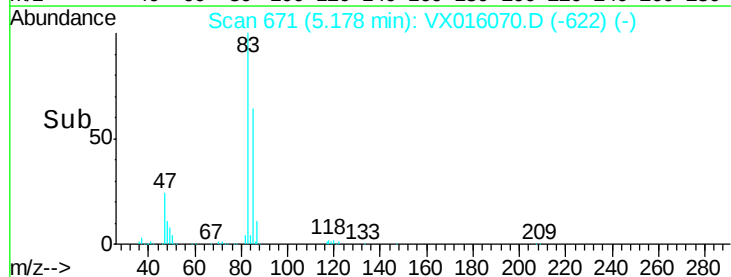
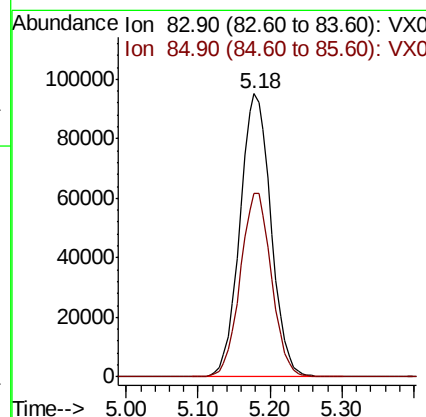
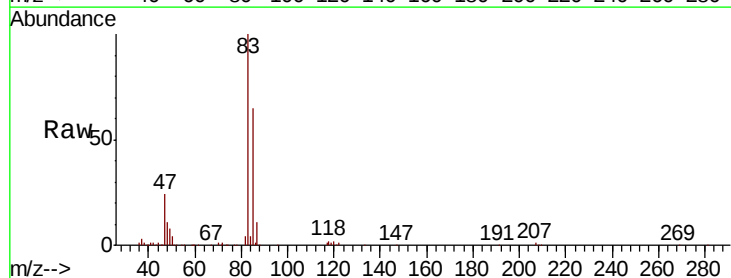
Instrument :
MSVOA_X
ClientSampleId :

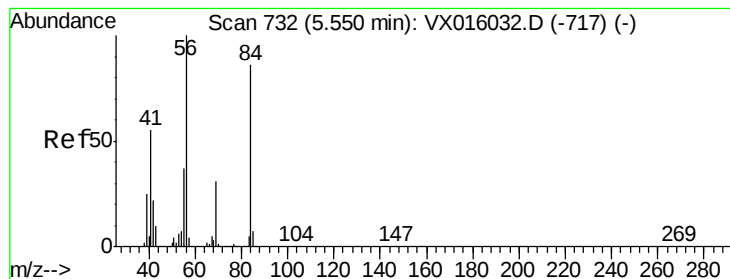
Tot Ion	Ratio	Lower	Upper
42	100		
72	46.3	37.1	55.7
71	43.2	34.5	51.7



#30
Chloroform
Concen: 49.808 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016070.D
Acq: 05 May 2020 17:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.6	77.4





#31

Cyclohexane

Concen: 50.199 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

Instrument :
MSVOA_X
ClientSampleId :

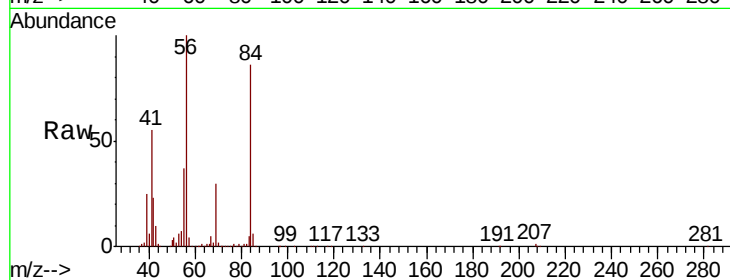
Tot Ion: 56 Resp: 261495

Ion Ratio Lower Upper

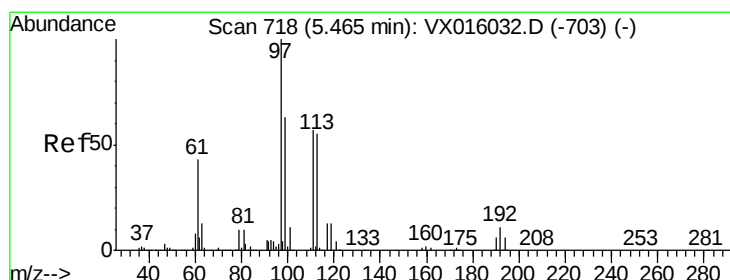
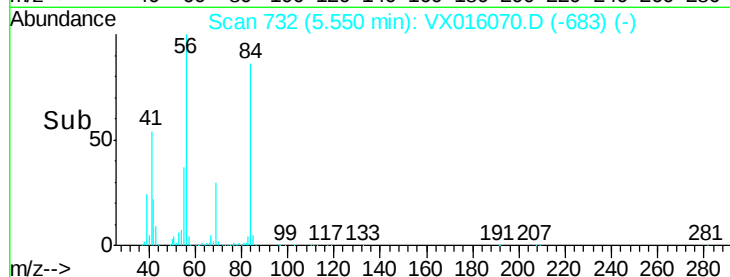
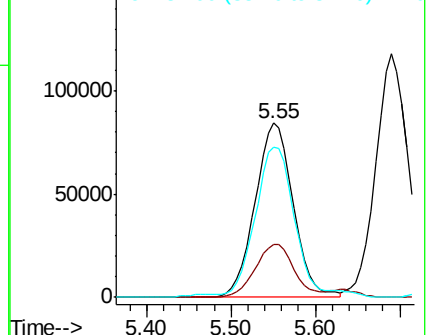
56 100

69 30.4 25.0 37.6

84 84.7 69.0 103.6



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 50.188 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

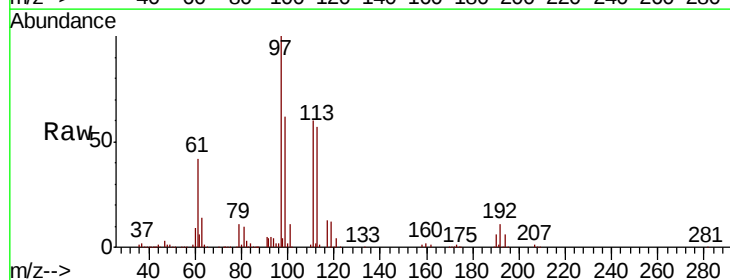
Tgt Ion: 97 Resp: 260353

Ion Ratio Lower Upper

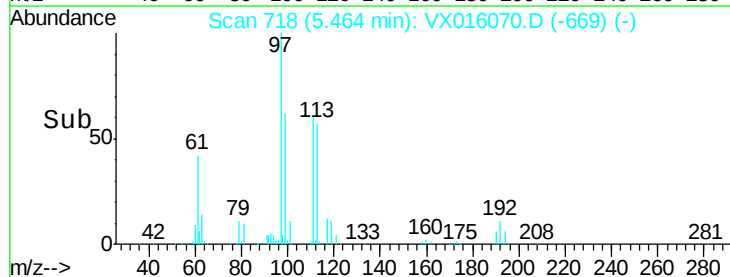
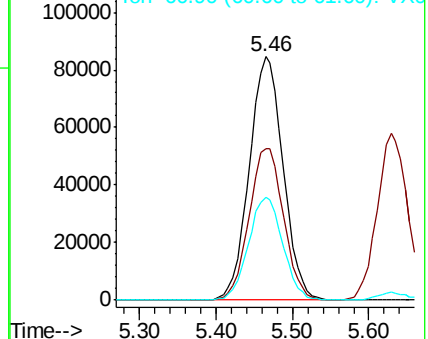
97 100

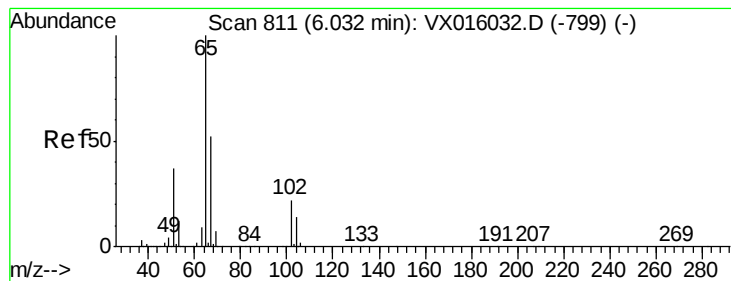
99 63.7 51.0 76.4

61 43.0 34.5 51.7



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.845 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

Instrument :

MSVOA_X

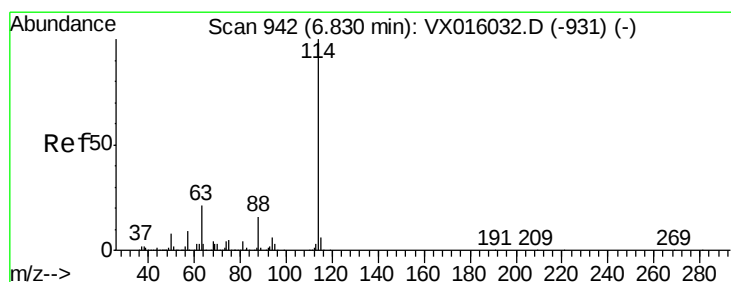
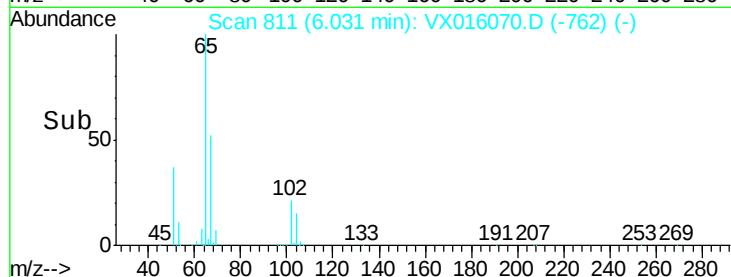
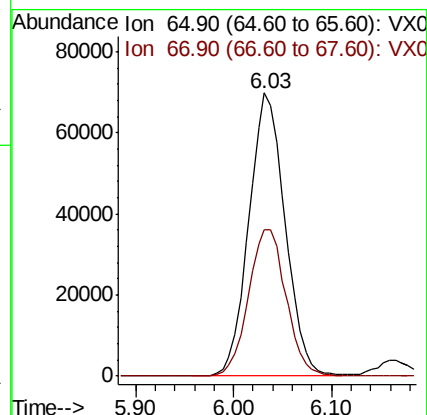
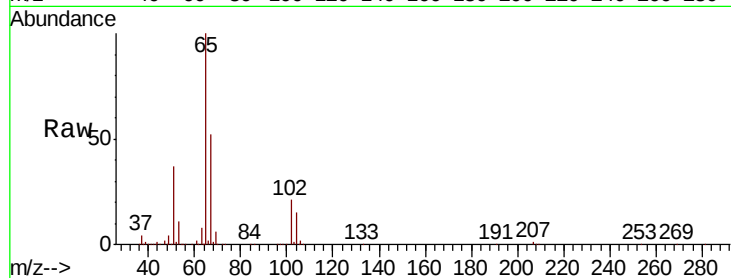
ClientSampleId :

Tot Ion: 65 Resp: 179404

Ion Ratio Lower Upper

65 100

67 53.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

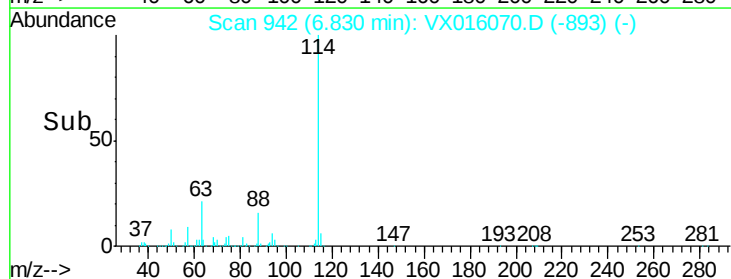
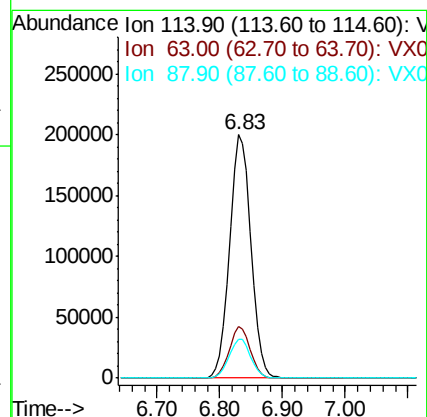
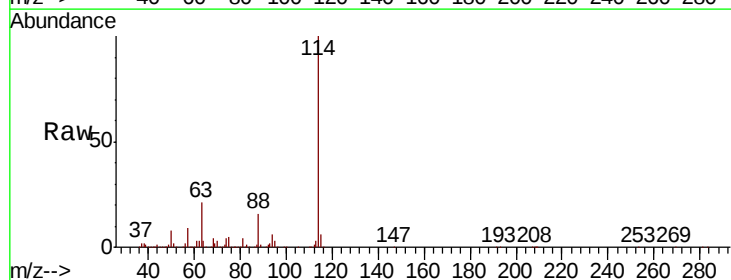
Tgt Ion: 114 Resp: 470603

Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.8

88 16.0 0.0 31.4

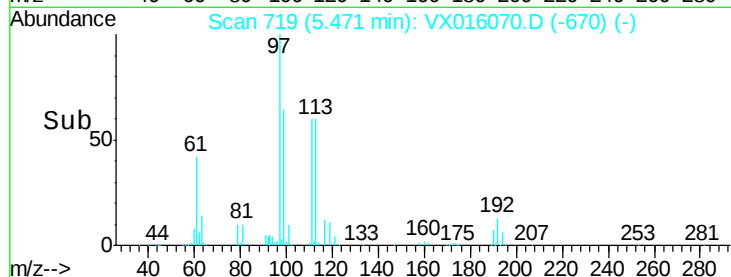
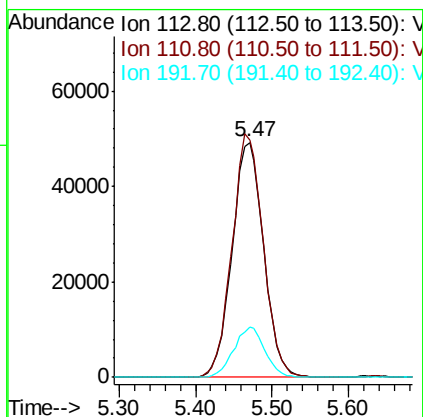
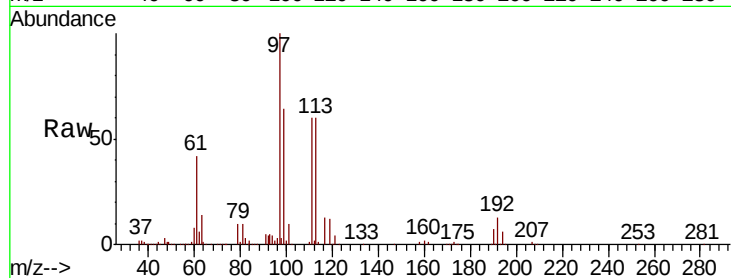




#35
 Dibromofluoromethane
 Concen: 47.239 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX016070.D
 Acq: 05 May 2020 17:36

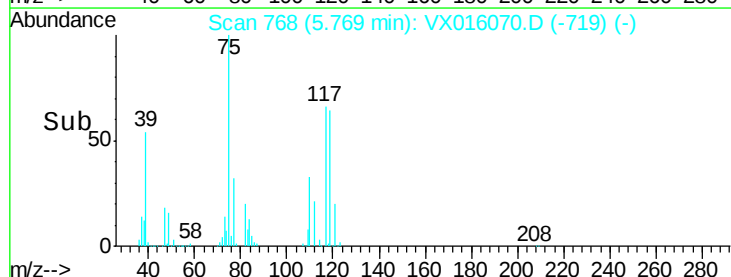
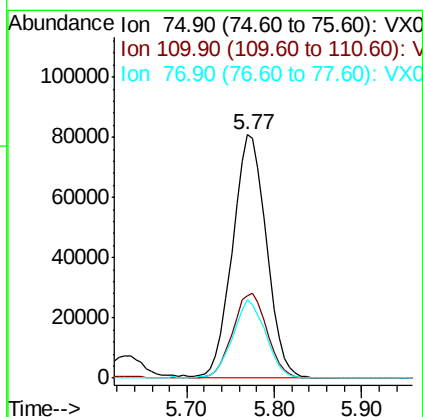
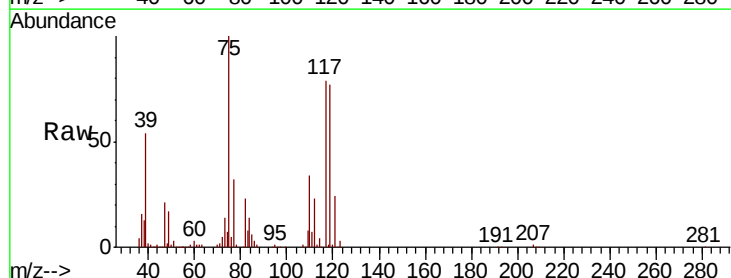
Instrument :
 MSVOA_X
 ClientSampleId :

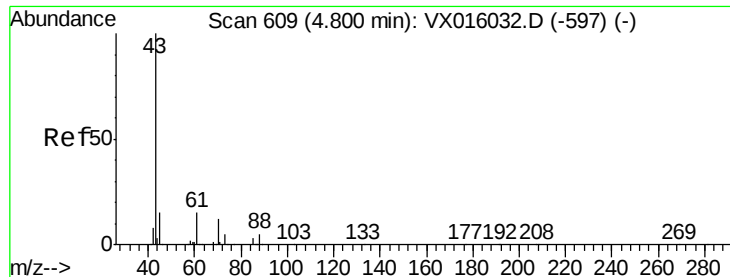
Tot Ion:113 Resp: 140843
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.6 122.4
 192 21.2 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 46.976 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016070.D
 Acq: 05 May 2020 17:36

Tgt Ion: 75 Resp: 217611
 Ion Ratio Lower Upper
 75 100
 110 35.6 18.1 54.1
 77 31.2 25.0 37.6





#37

Ethyl Acetate

Concen: 44.561 ug/l

RT: 4.79 min Scan# 608

Delta R.T. -0.01 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

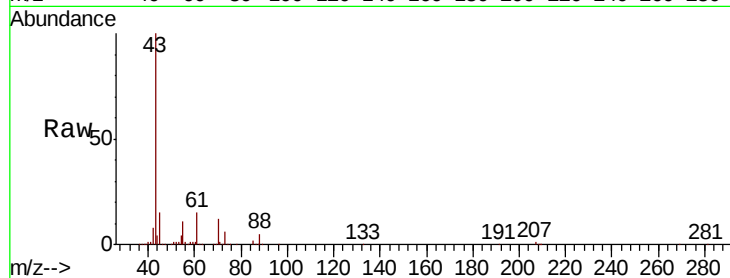
Tot Ion: 43 Resp: 239251

Ion Ratio Lower Upper

43 100

61 14.3 11.7 17.5

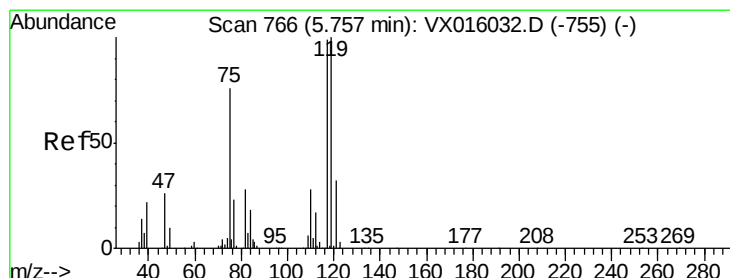
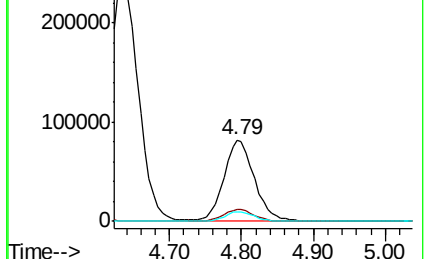
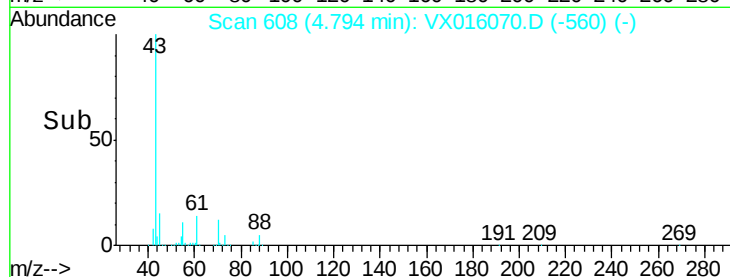
70 11.5 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX016070.D (-560) (-)

Ion 60.90 (60.60 to 61.60): VX016070.D (-560) (-)

Ion 70.00 (69.70 to 70.70): VX016070.D (-560) (-)



#38

Carbon Tetrachloride

Concen: 48.673 ug/l

RT: 5.76 min Scan# 766

Delta R.T. -0.00 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

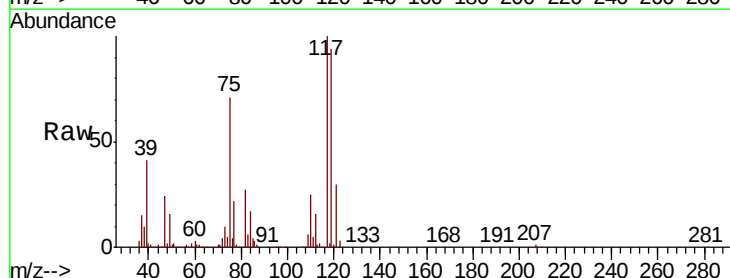
Tgt Ion: 117 Resp: 229180

Ion Ratio Lower Upper

117 100

119 93.8 80.3 120.5

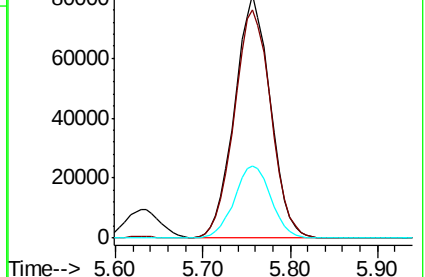
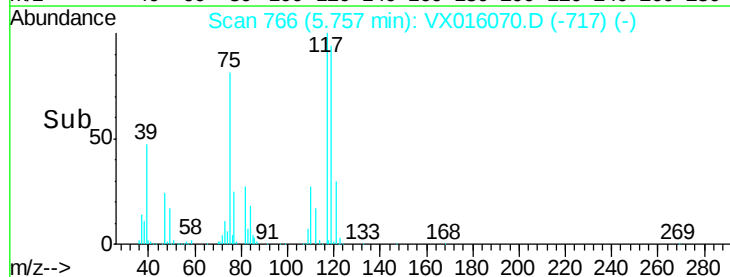
121 29.9 25.7 38.5

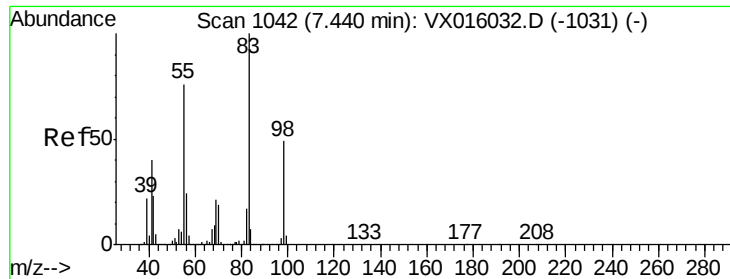


Abundance Ion 116.80 (116.50 to 117.50): VX016070.D (-717) (-)

Ion 118.80 (118.50 to 119.50): VX016070.D (-717) (-)

Ion 120.80 (120.50 to 121.50): VX016070.D (-717) (-)

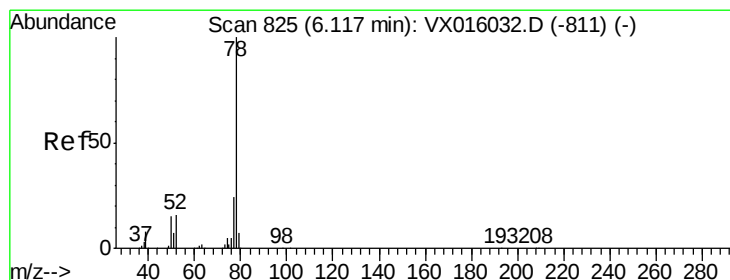
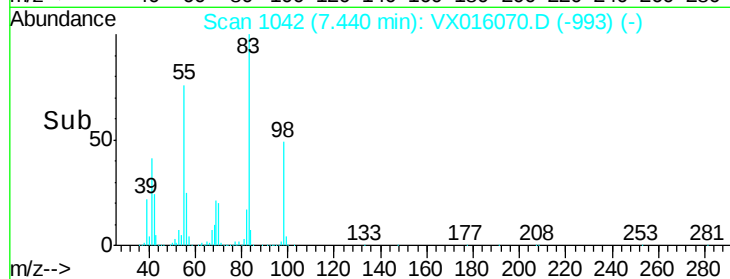
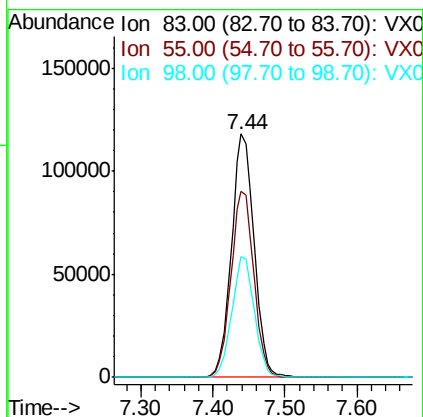
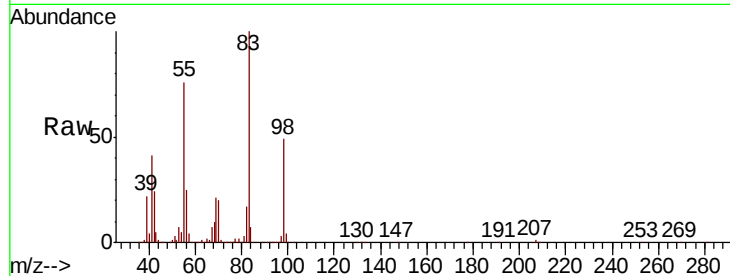




#39
Methvlcvclohexane
Concen: 46.329 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016070.D
Acq: 05 May 2020 17:36

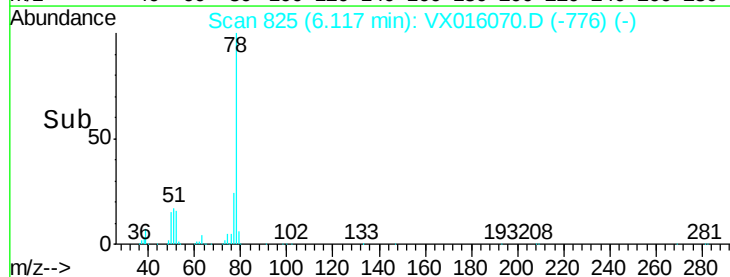
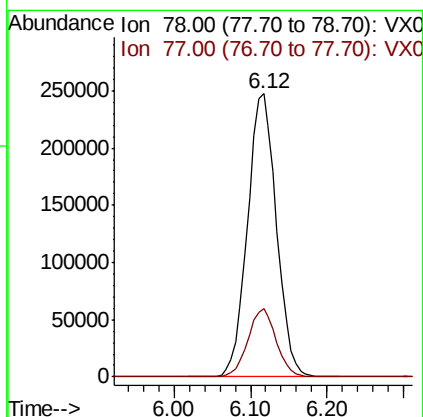
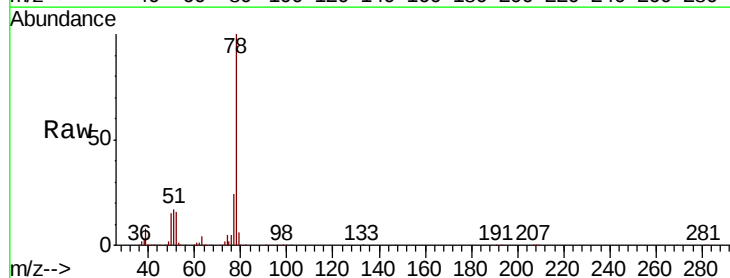
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	83	Resp	258458
Ion Ratio	Lower	Upper	
83	100		
55	76.4	61.1	91.7
98	49.4	39.0	58.4



#40
Benzene
Concen: 48.042 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016070.D
Acq: 05 May 2020 17:36

Tgt Ion	78	Resp	651177
Ion Ratio	Lower	Upper	
78	100		
77	24.2	19.0	28.4

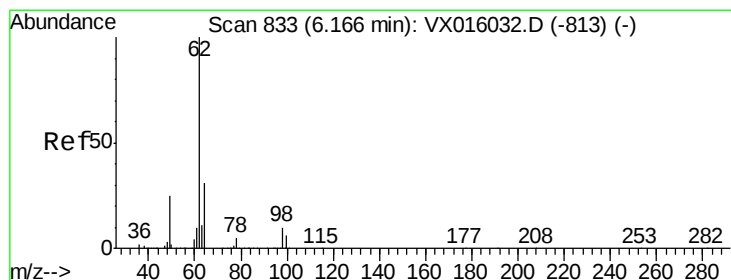
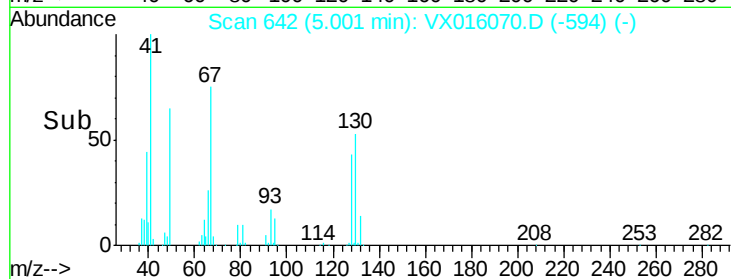
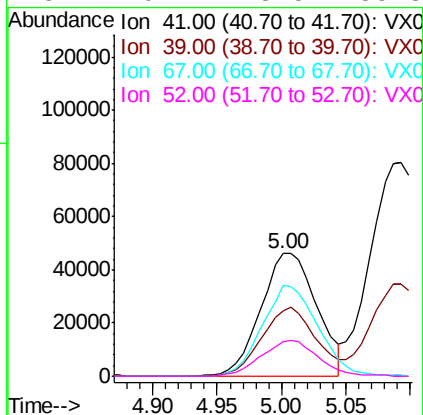
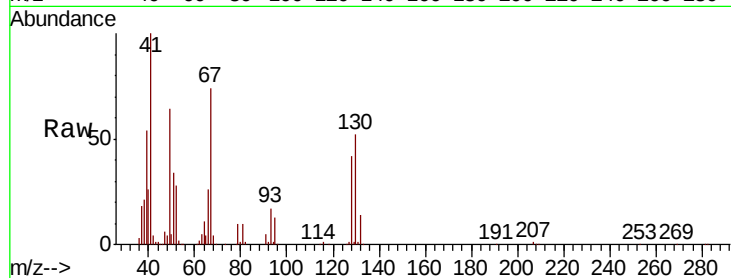




#41
Methacrylonitrile
Concen: 47.769 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016070.D
Acq: 05 May 2020 17:36

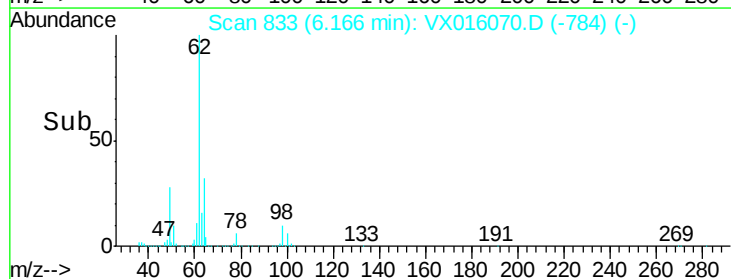
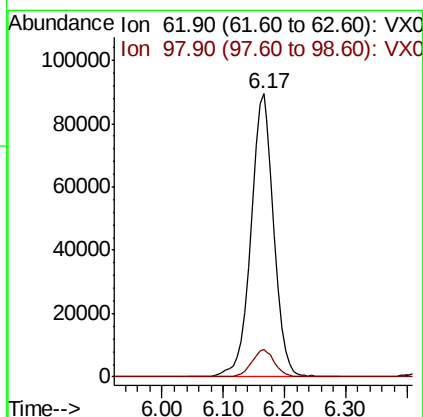
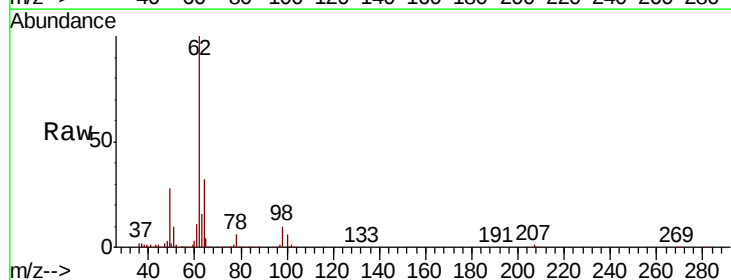
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	138509
Ion	Ratio	Lower	Upper
41	100		
39	55.6	43.2	64.8
67	74.2	59.3	88.9
52	29.7	23.5	35.3



#42
1,2-Dichloroethane
Concen: 47.891 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016070.D
Acq: 05 May 2020 17:36

Tgt Ion:	62	Resp:	233838
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.4



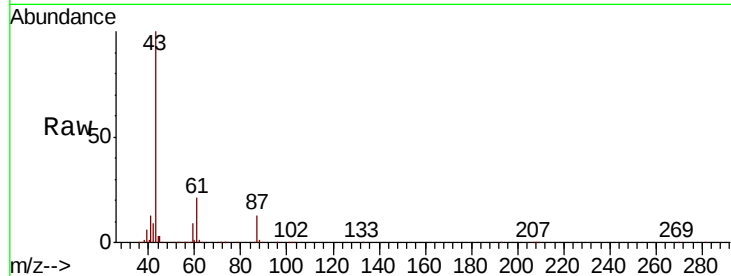


#43

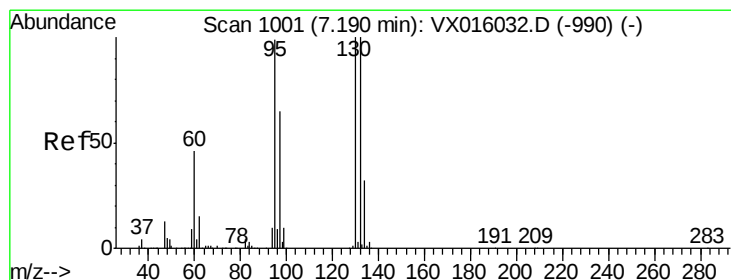
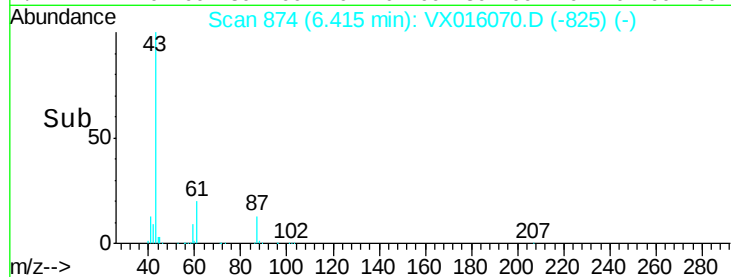
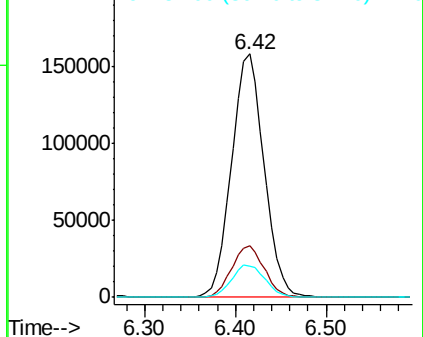
Isopropyl Acetate
 Concen: 45.717 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016070.D
 Acq: 05 May 2020 17:36

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.5	17.0	25.4
87	13.8	11.0	16.6



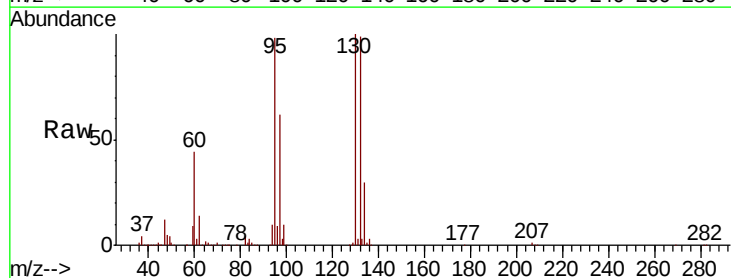
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



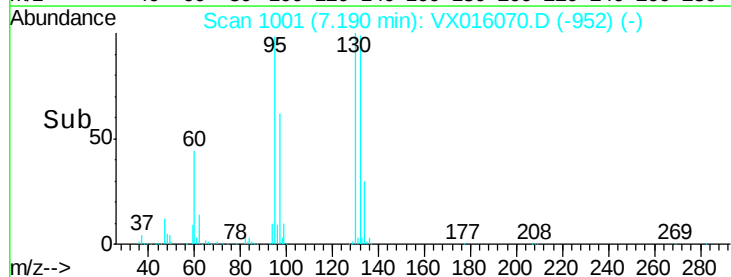
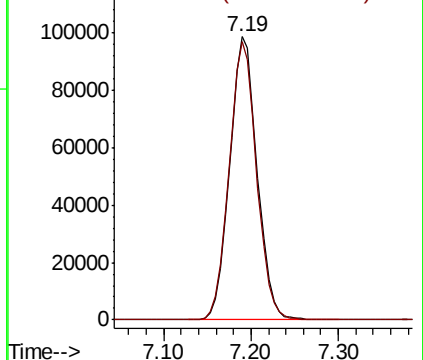
#44

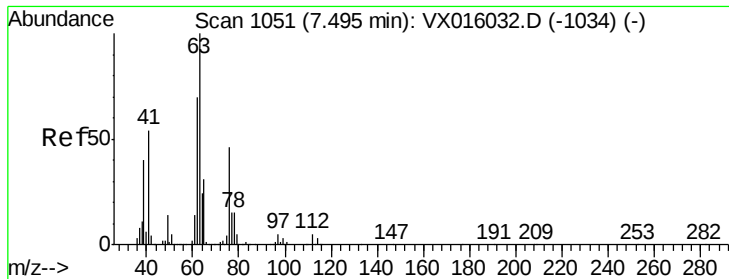
Trichloroethene
 Concen: 44.586 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016070.D
 Acq: 05 May 2020 17:36

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.3	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: 48.869 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

Instrument :

MSVOA_X

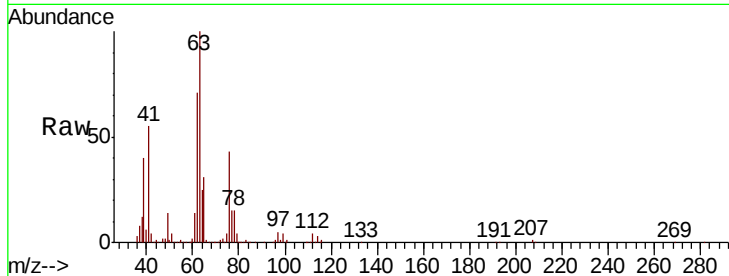
ClientSampleId :

Tot Ion: 63 Resp: 167605

Ion Ratio Lower Upper

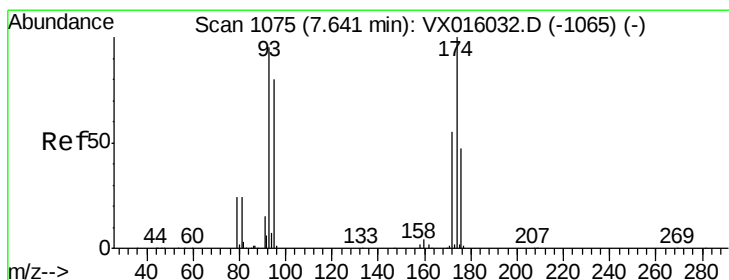
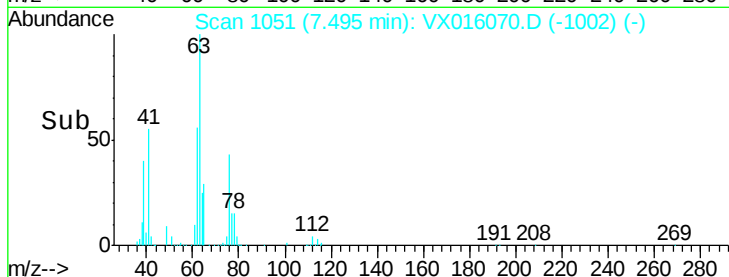
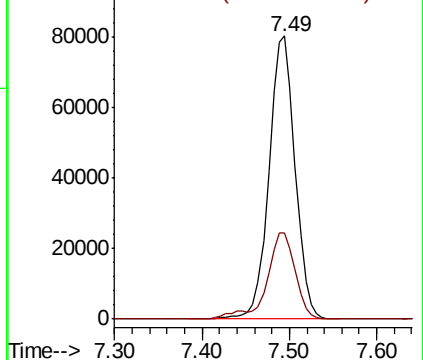
63 100

65 30.7 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.482 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

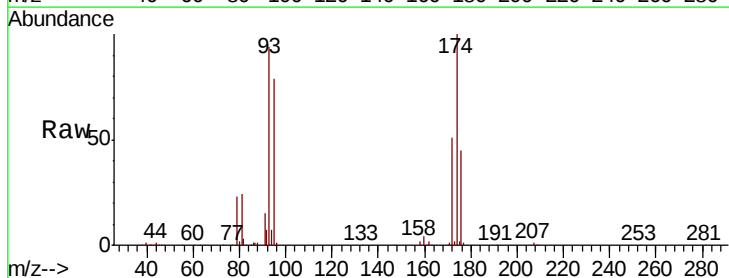
Tgt Ion: 93 Resp: 112999

Ion Ratio Lower Upper

93 100

95 81.9 66.6 100.0

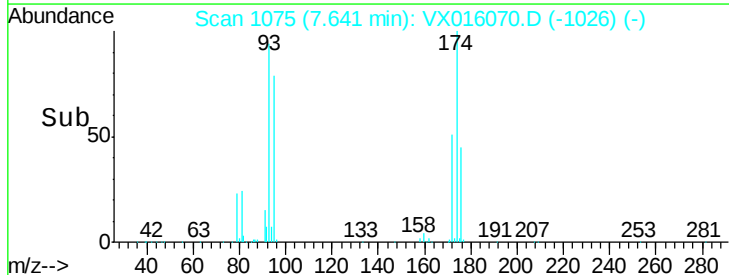
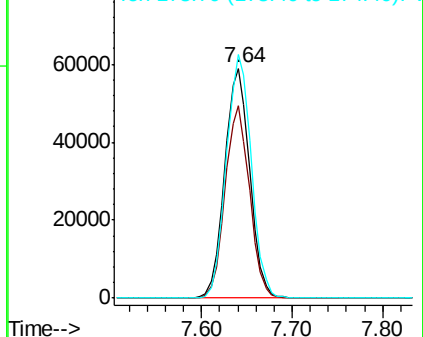
174 105.6 84.2 126.4

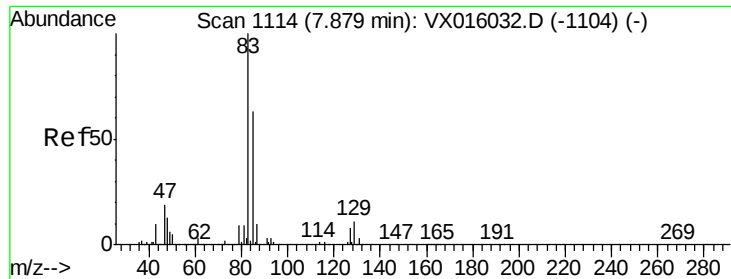


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.249 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

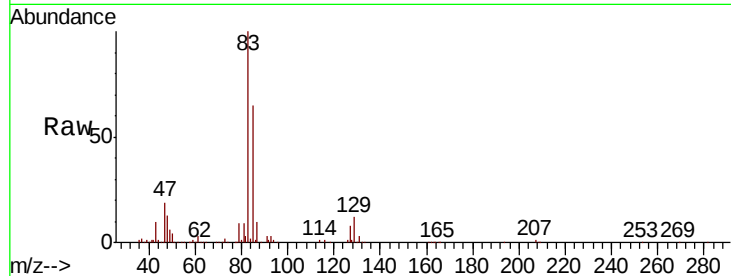
Tot Ion: 83 Resp: 233779

Ion Ratio Lower Upper

83 100

85 65.4 50.5 75.7

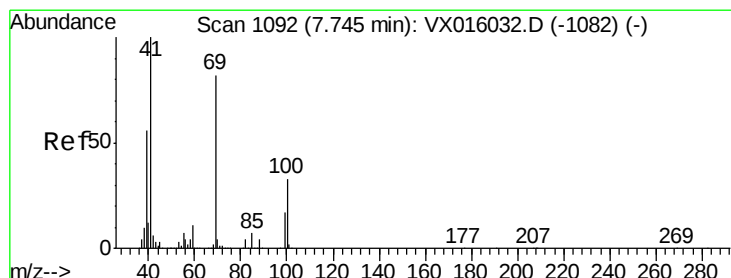
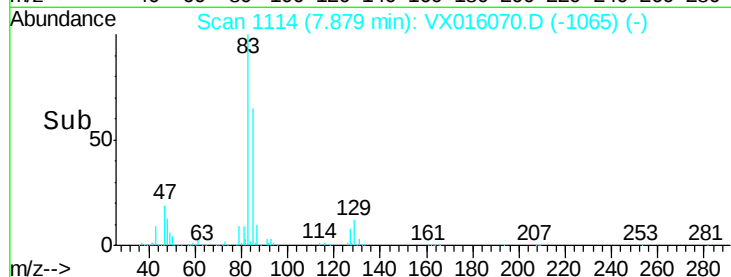
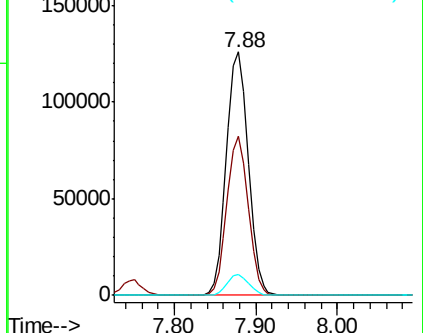
127 8.4 6.7 10.1



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: 48.664 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

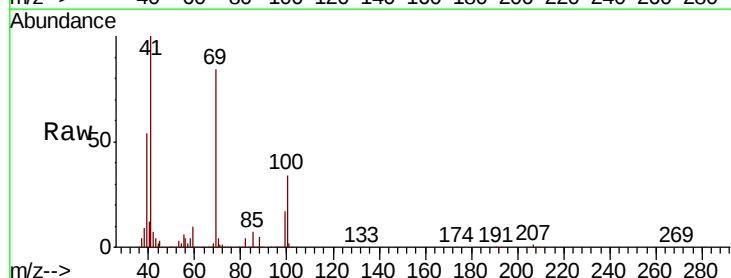
Tgt Ion: 41 Resp: 197542

Ion Ratio Lower Upper

41 100

69 85.1 67.8 101.6

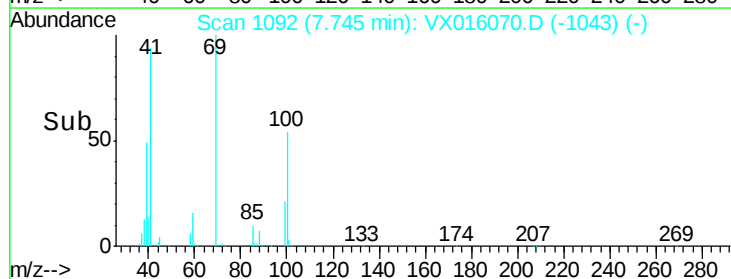
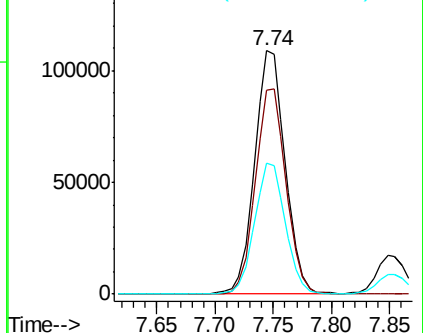
39 54.3 44.6 67.0

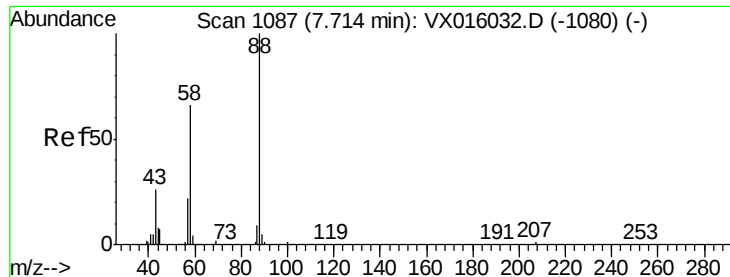


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 962.080 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

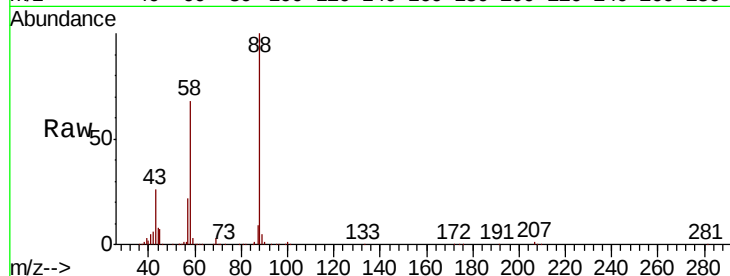
Tot Ion: 88 Resp: 93663

Ion Ratio Lower Upper

88 100

43 31.0 25.3 37.9

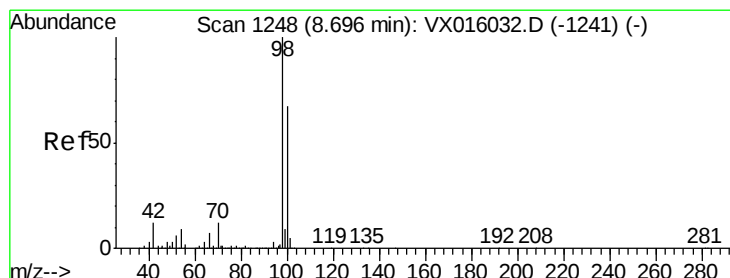
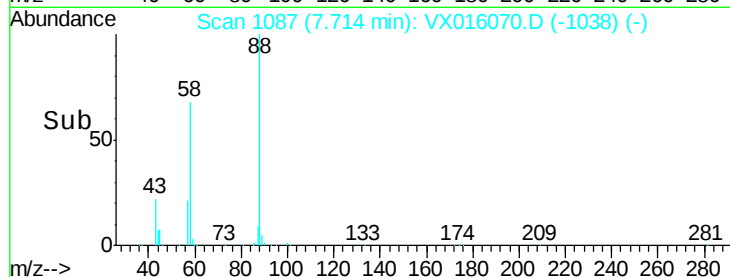
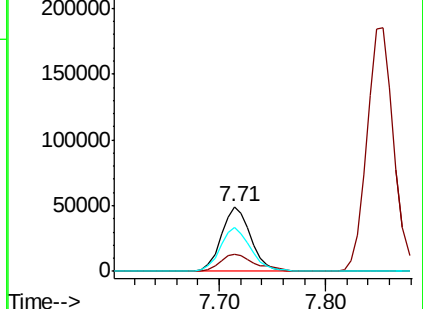
58 70.8 55.9 83.9



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: 47.668 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016070.D

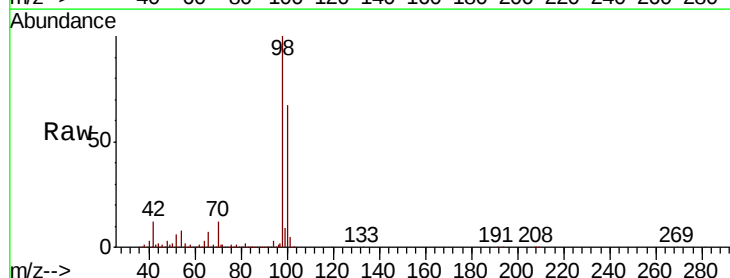
Acq: 05 May 2020 17:36

Tgt Ion: 98 Resp: 547600

Ion Ratio Lower Upper

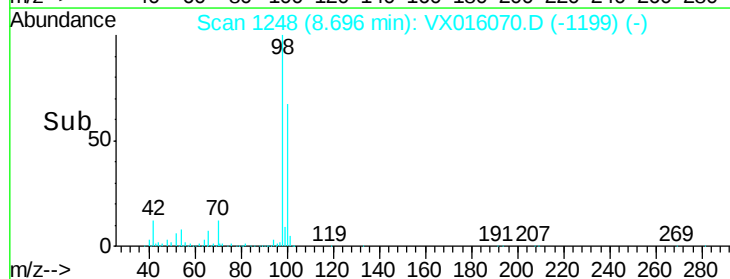
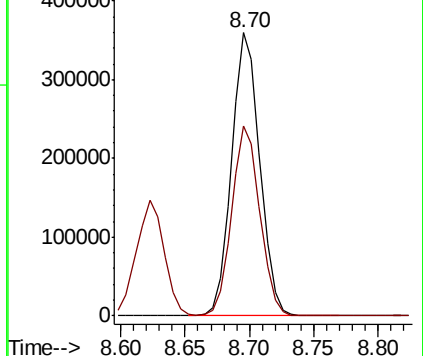
98 100

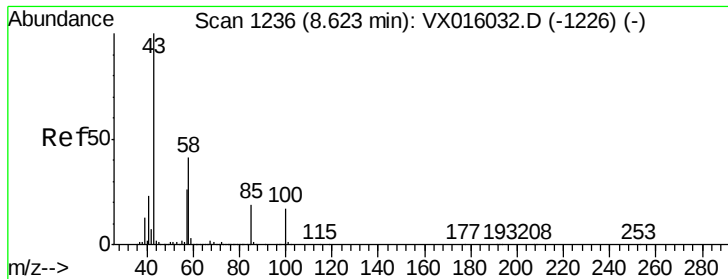
100 67.0 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 246.688 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

Instrument :

MSVOA_X

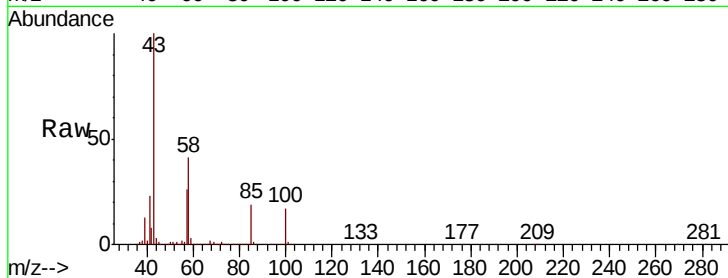
ClientSampleId :

Tot Ion: 43 Resp: 1293206

Ion Ratio Lower Upper

43 100

58 41.4 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

800000

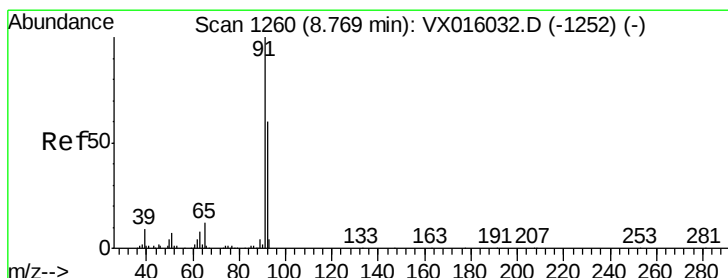
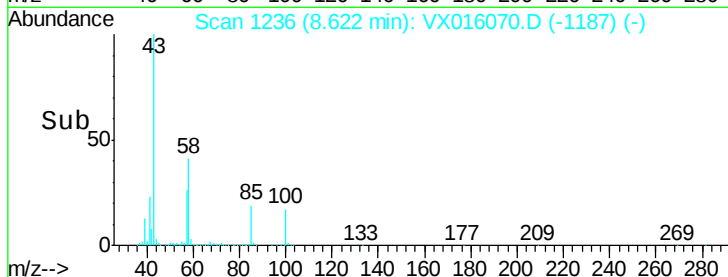
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 48.445 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016070.D

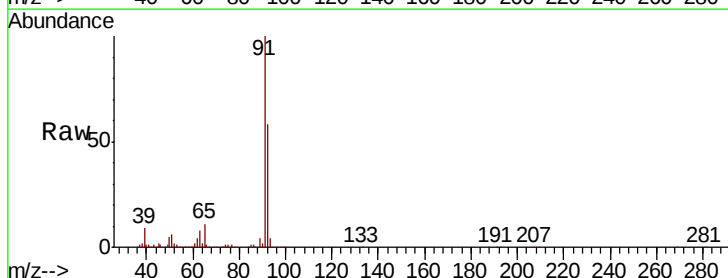
Acq: 05 May 2020 17:36

Tgt Ion: 92 Resp: 409295

Ion Ratio Lower Upper

92 100

91 169.1 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

500000

400000

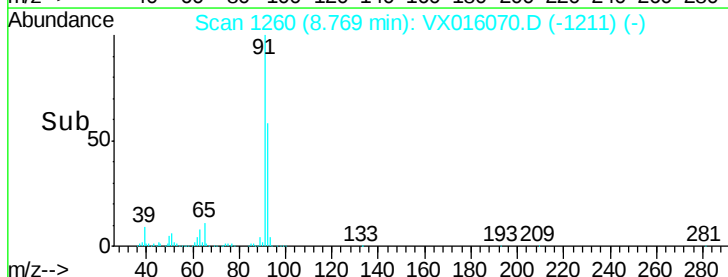
300000

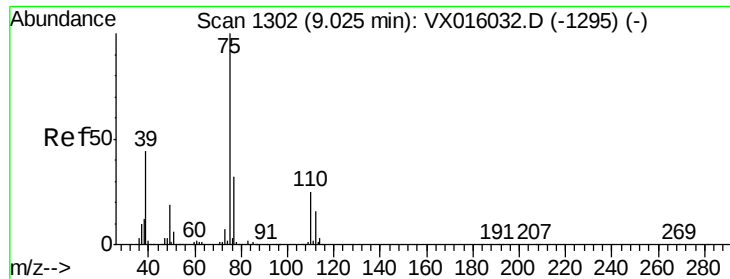
200000

100000

0

Time-->

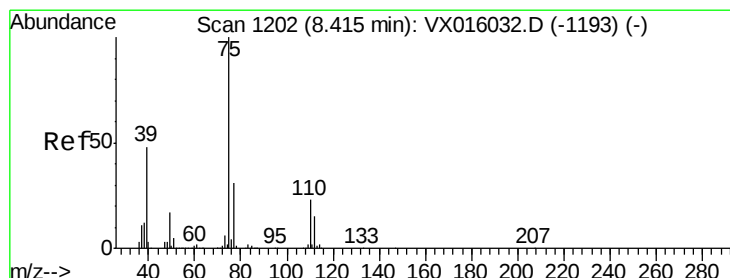
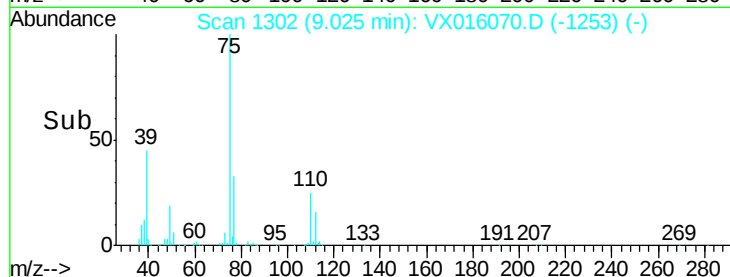
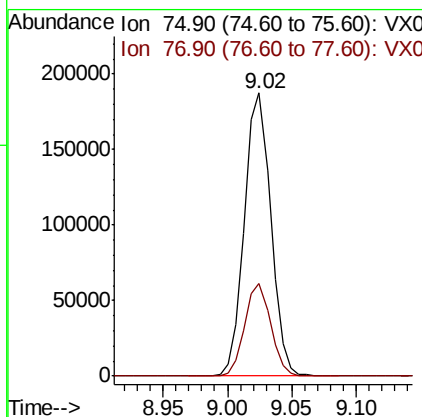
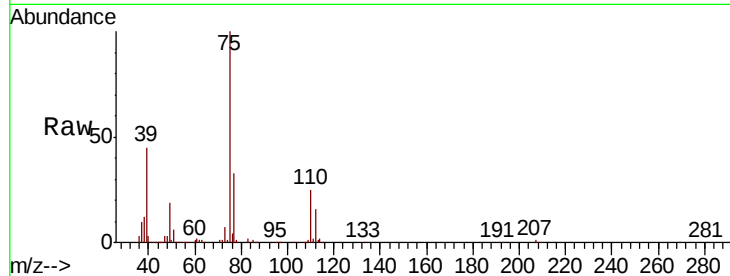




#53
 t-1,3-Dichloropropene
 Concen: 46.926 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX016070.D
 Acq: 05 May 2020 17:36

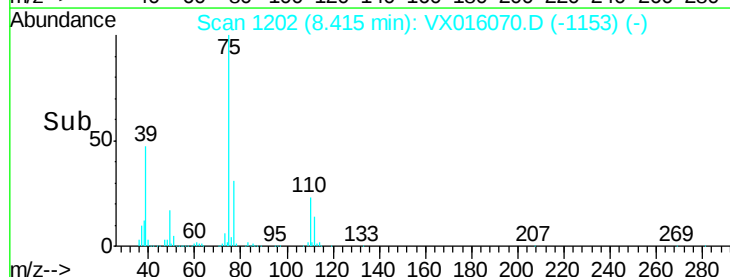
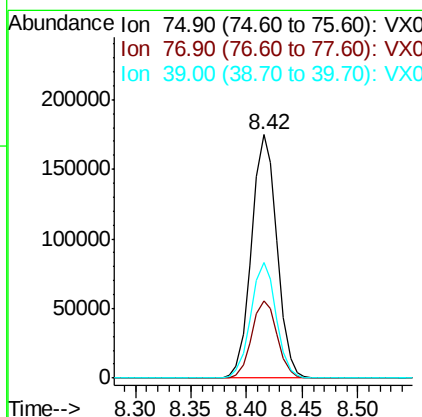
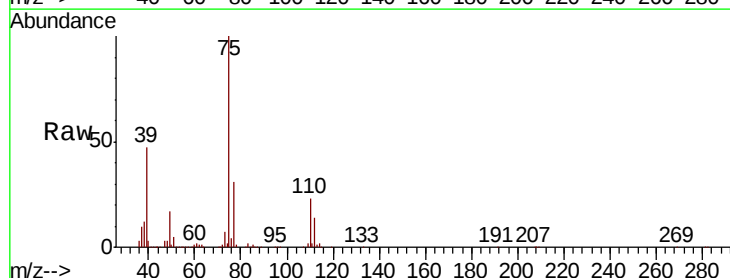
Instrument :
 MSVOA_X
 ClientSampleId :

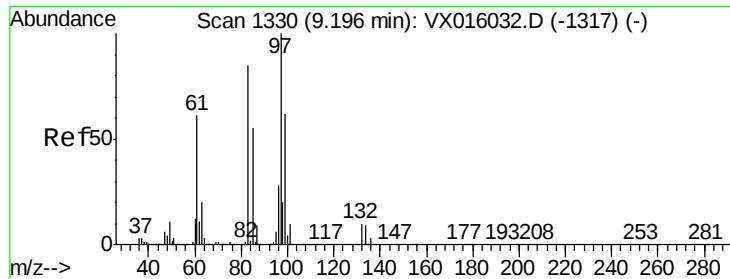
Tot Ion: 75 Resp: 265587
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 47.124 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX016070.D
 Acq: 05 May 2020 17:36

Tgt Ion: 75 Resp: 278581
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.7 37.1
 39 47.4 38.7 58.1

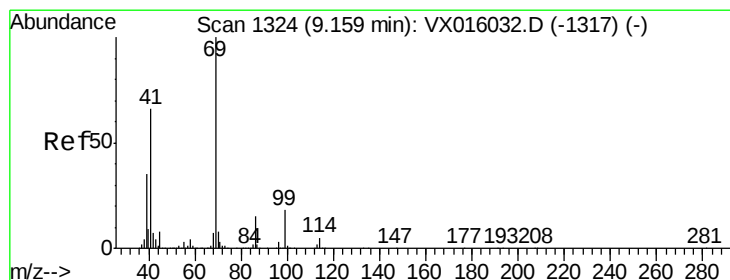
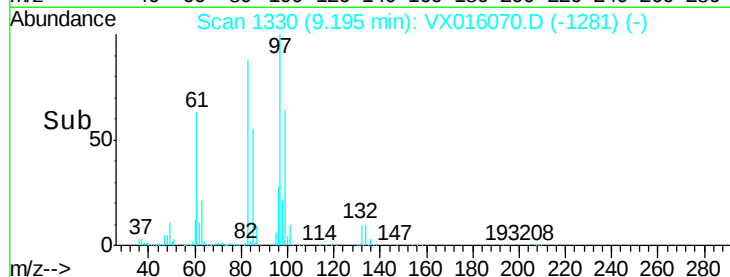
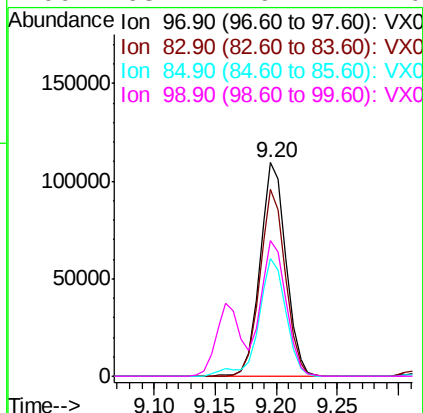
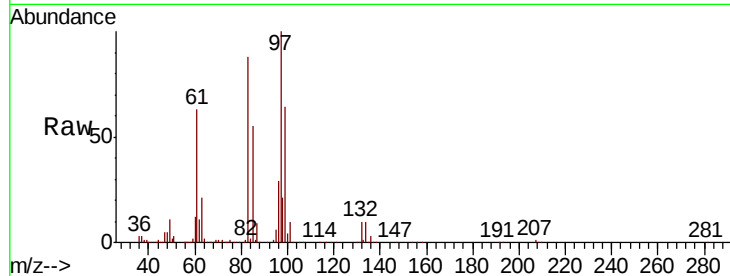




#55
 1,1,2-Trichloroethane
 Concen: 48.874 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016070.D
 Acq: 05 May 2020 17:36

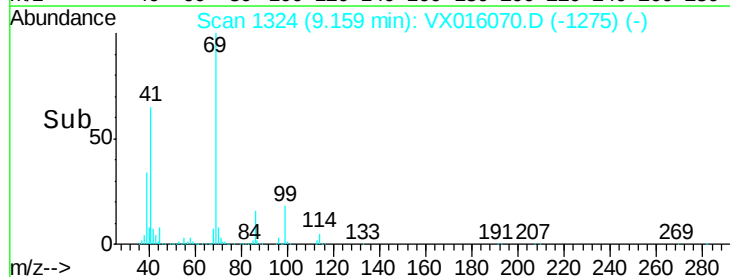
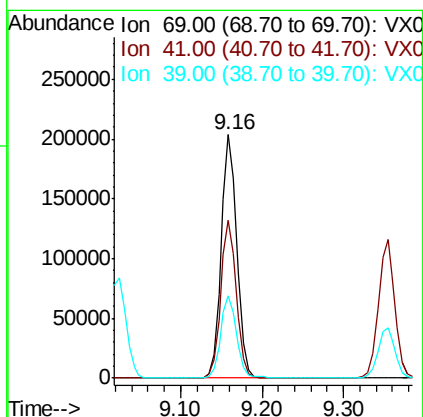
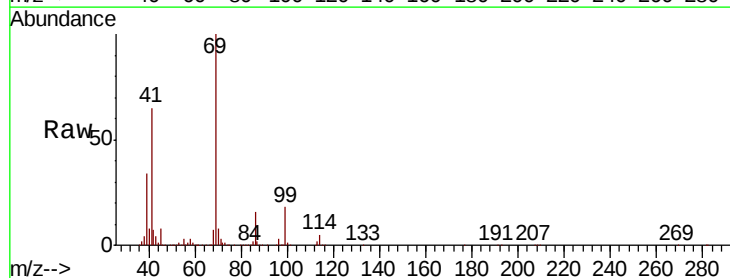
Instrument :
 MSVOA_X
 ClientSampleId :

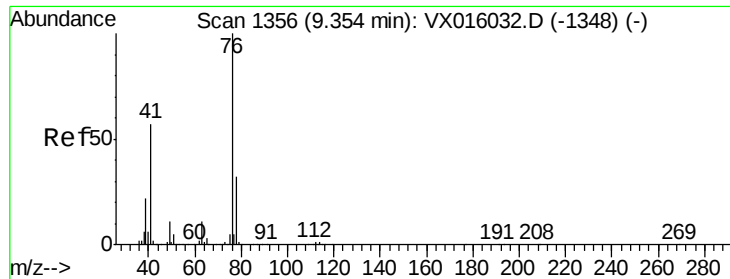
Tot Ion:	97	Resp:	162455
Ion	Ratio	Lower	Upper
97	100		
83	87.7	67.8	101.8
85	55.3	43.8	65.8
99	63.4	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 50.080 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016070.D
 Acq: 05 May 2020 17:36

Tgt Ion:	69	Resp:	271725
Ion	Ratio	Lower	Upper
69	100		
41	64.6	52.2	78.4
39	34.4	28.2	42.4





#57

1,3-Dichloropropane

Concen: 49.200 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

Instrument :

MSVOA_X

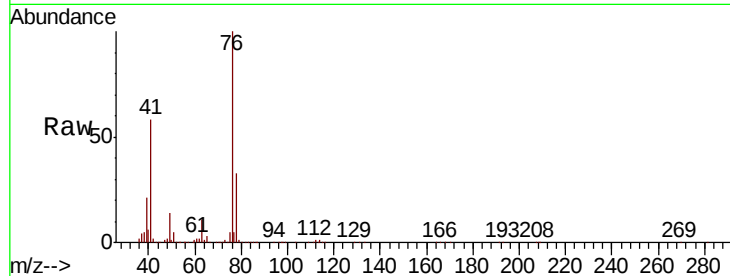
ClientSampleId :

Tot Ion: 76 Resp: 285360

Ion Ratio Lower Upper

76 100

78 32.3 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

200000

150000

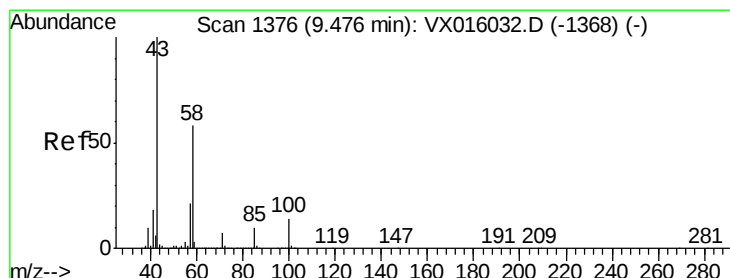
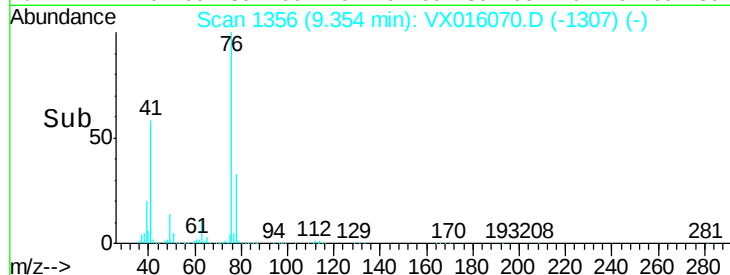
100000

50000

0

9.30 9.40 9.50

Time-->



#59

2-Hexanone

Concen: 244.875 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX016070.D

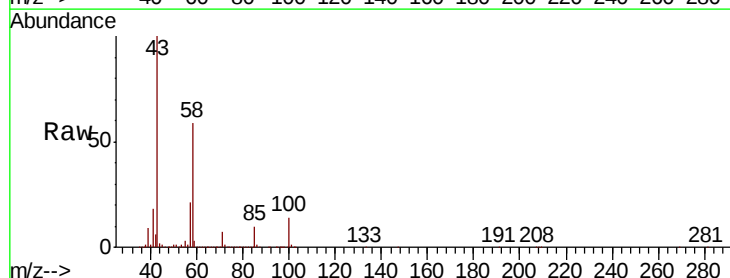
Acq: 05 May 2020 17:36

Tgt Ion: 43 Resp: 1008121

Ion Ratio Lower Upper

43 100

58 57.9 28.6 85.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.48

800000

600000

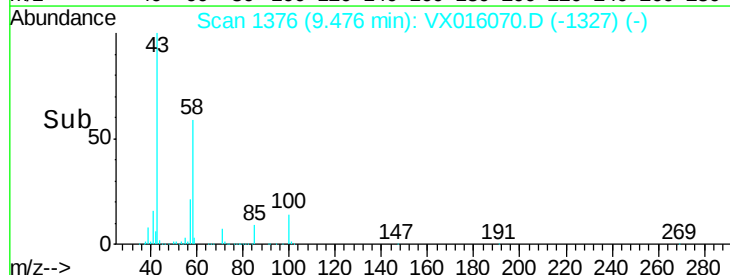
400000

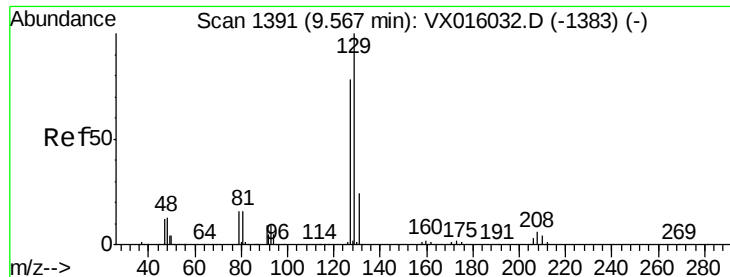
200000

0

9.40 9.50 9.60

Time-->





#60

Dibromochloromethane

Concen: 50.084 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

Instrument :

MSVOA_X

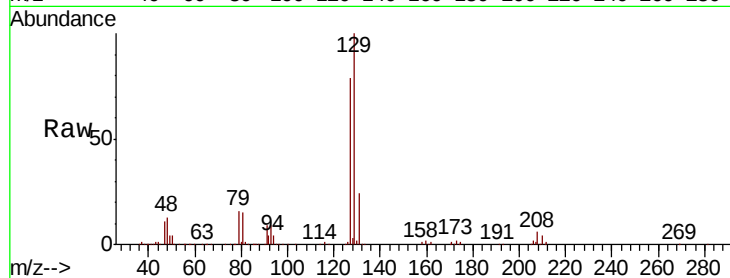
ClientSampled :

Tot Ion:129 Resp: 183351

Ion Ratio Lower Upper

129 100

127 78.9 38.4 115.2



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

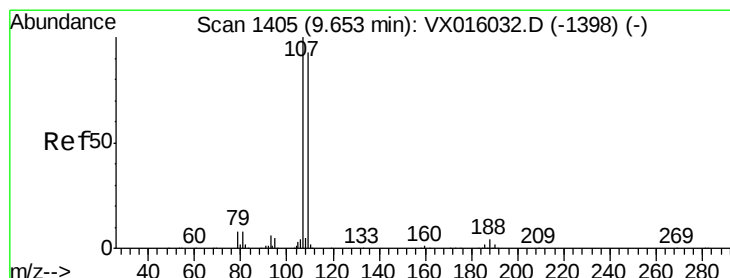
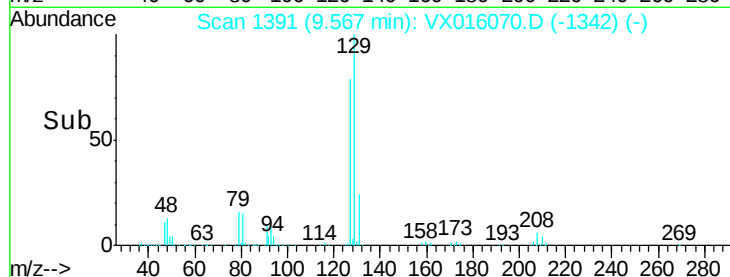
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 48.876 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016070.D

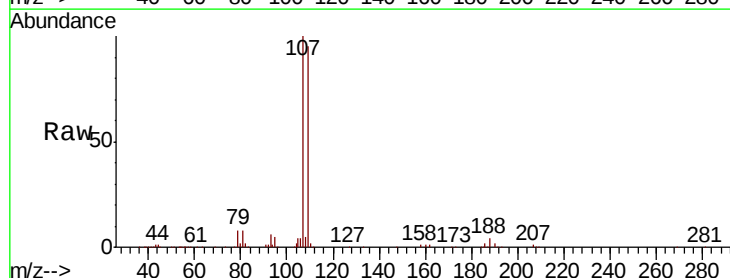
Acq: 05 May 2020 17:36

Tgt Ion:107 Resp: 175977

Ion Ratio Lower Upper

107 100

109 94.1 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

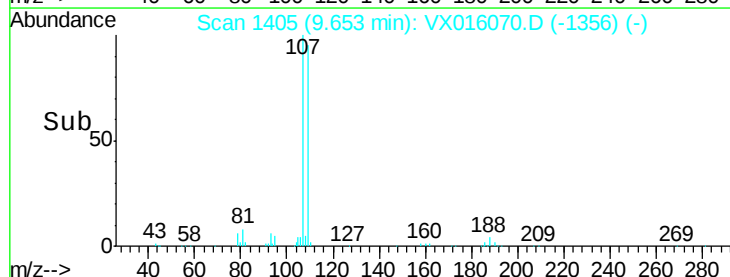
9.65

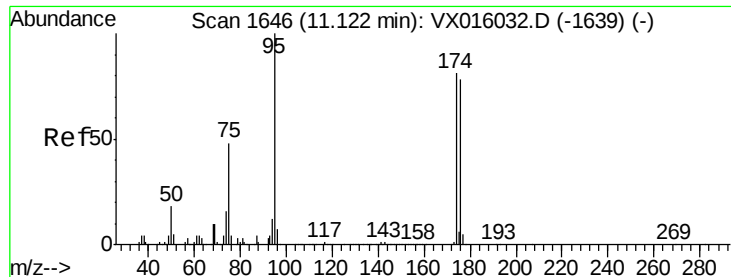
100000

50000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 48.248 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

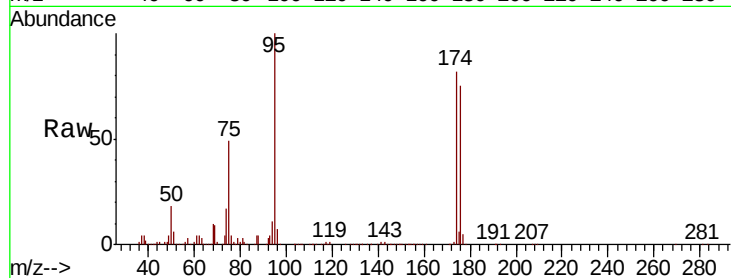
Tot Ion: 95 Resp: 210815

Ion Ratio Lower Upper

95 100

174 82.2 0.0 159.4

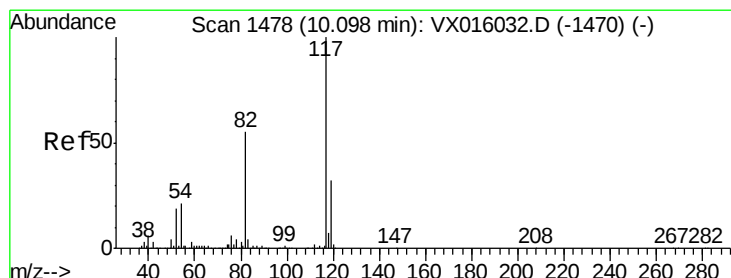
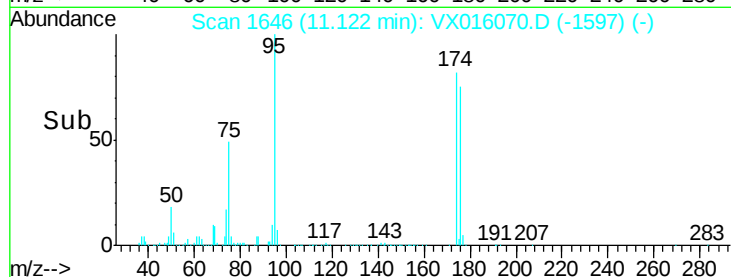
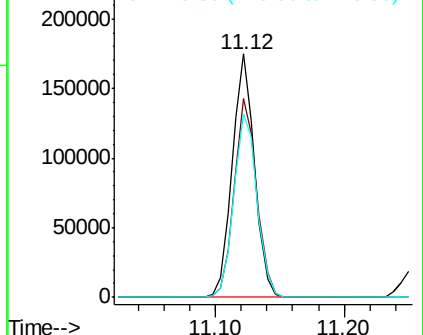
176 78.3 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

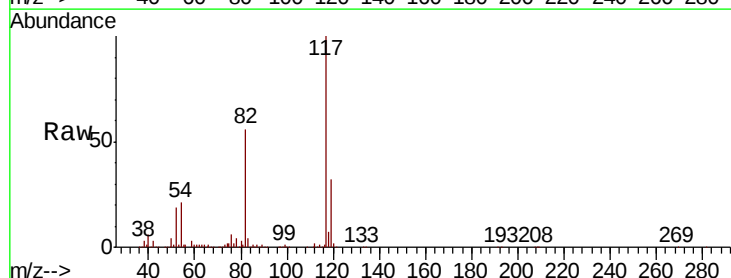
Tgt Ion: 117 Resp: 437266

Ion Ratio Lower Upper

117 100

82 55.7 44.4 66.6

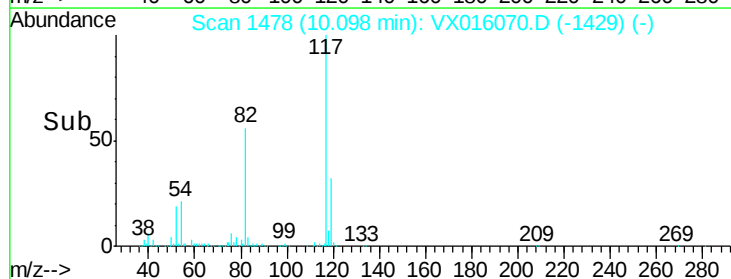
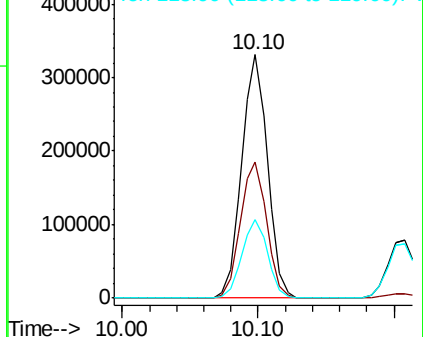
119 32.4 25.5 38.3

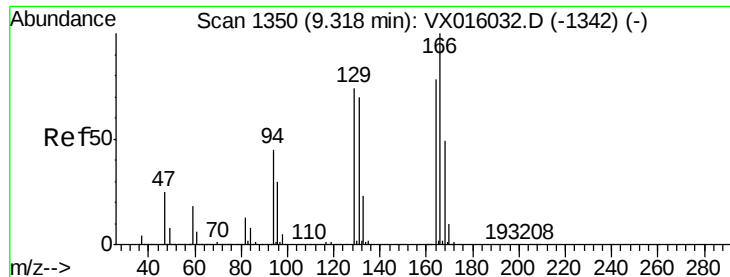


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 47.131 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 252999

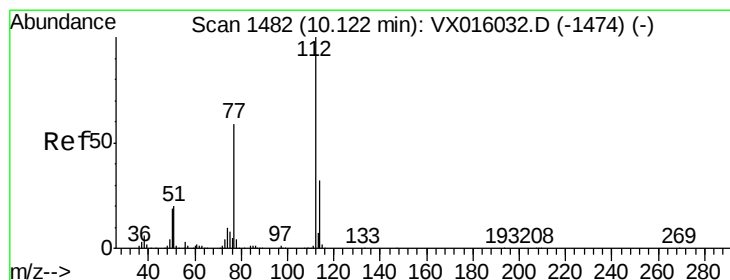
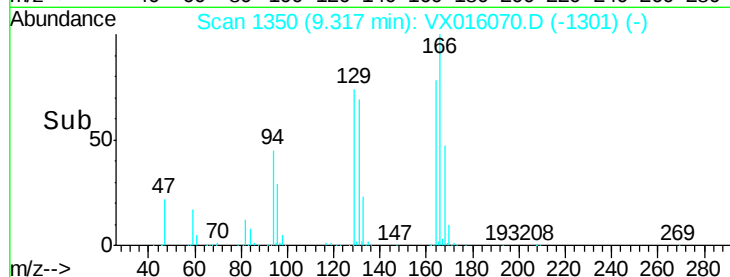
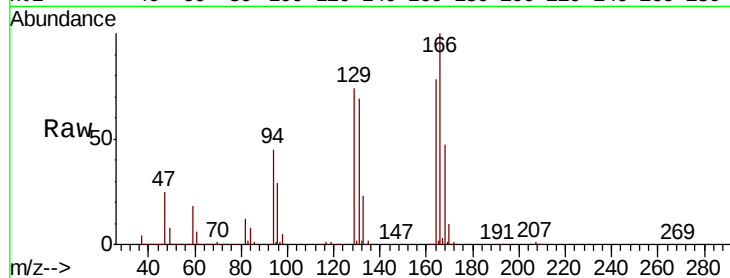
Ion Ratio Lower Upper

164 100

166 127.4 102.9 154.3

129 94.1 76.1 114.1

131 88.2 71.9 107.9



#65

Chlorobenzene

Concen: 47.608 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016070.D

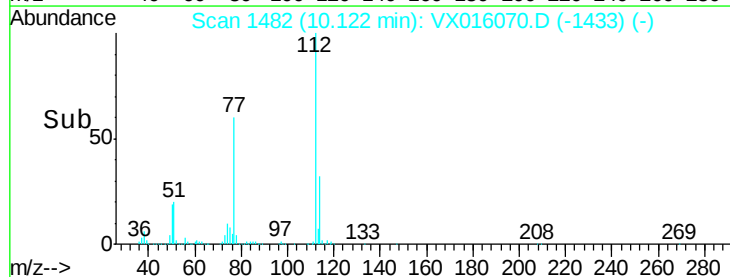
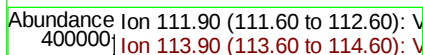
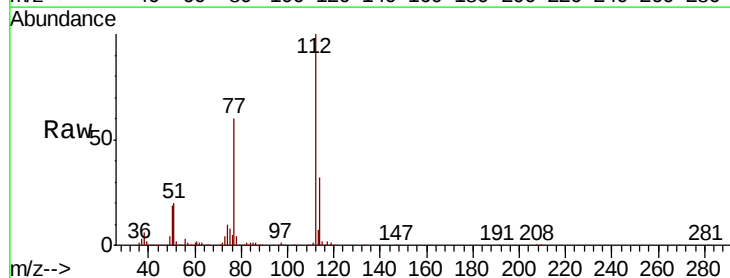
Acq: 05 May 2020 17:36

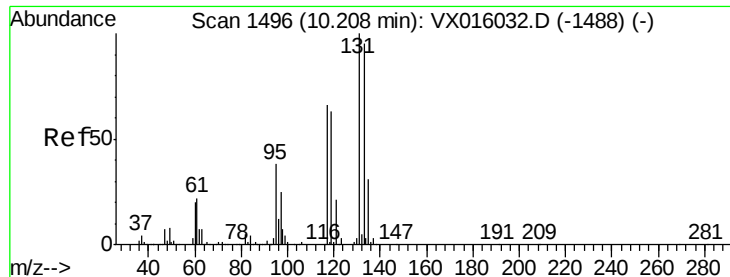
Tgt Ion:112 Resp: 435889

Ion Ratio Lower Upper

112 100

114 31.6 25.7 38.5





#66

1,1,1,2-Tetrachloroethane

Concen: 48.588 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

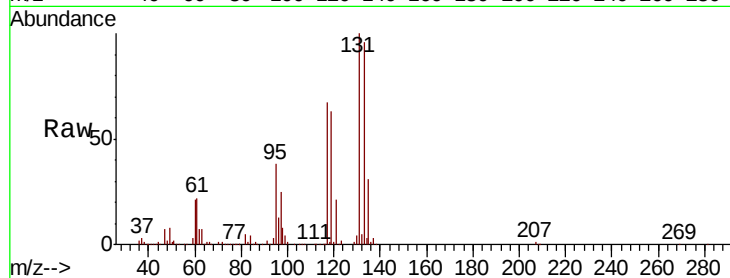
Tot Ion:131 Resp: 164425

Ion Ratio Lower Upper

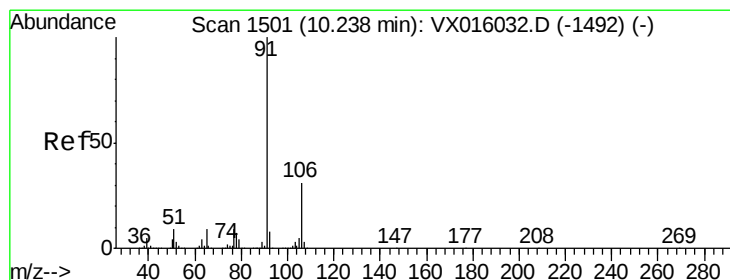
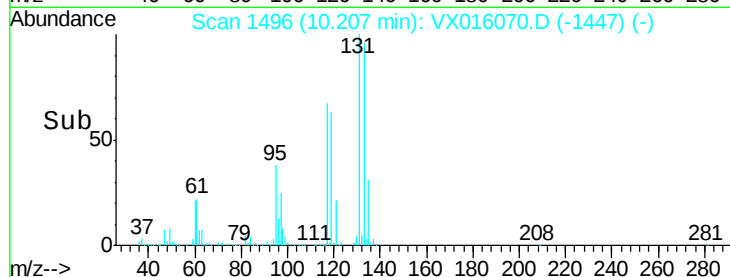
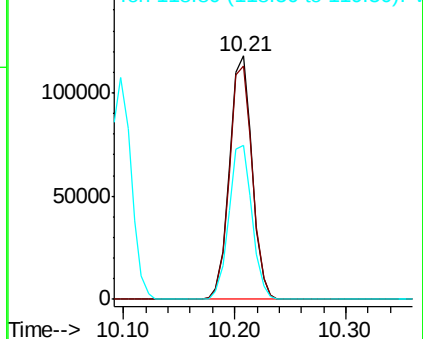
131 100

133 97.5 48.3 144.8

119 64.5 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: 48.175 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016070.D

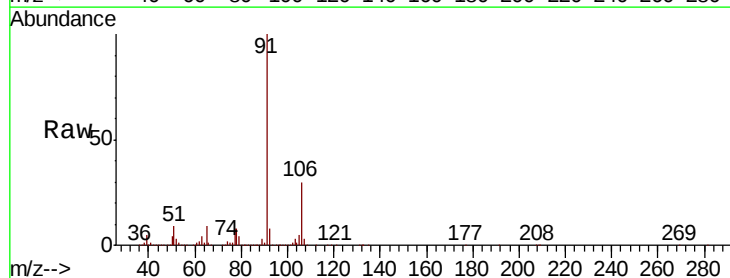
Acq: 05 May 2020 17:36

Tgt Ion: 91 Resp: 787004

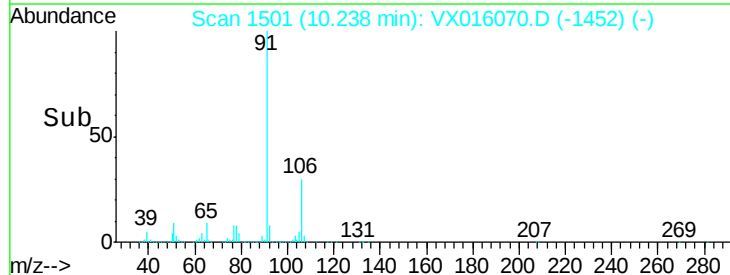
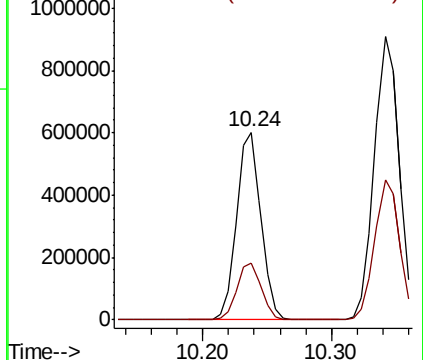
Ion Ratio Lower Upper

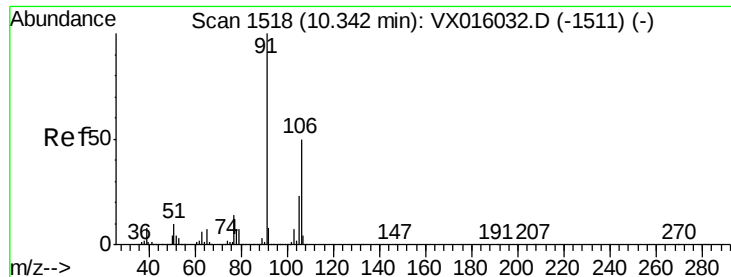
91 100

106 30.4 25.1 37.7



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





#68

m/p-Xylenes

Concen: 97.250 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

Instrument :

MSVOA_X

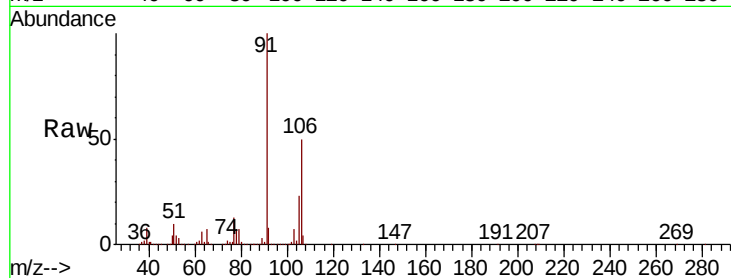
ClientSampleId :

Tot Ion:106 Resp: 595230

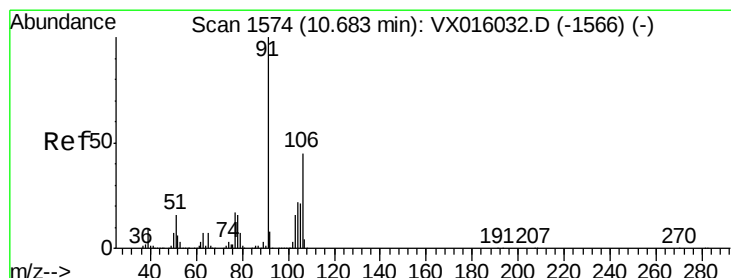
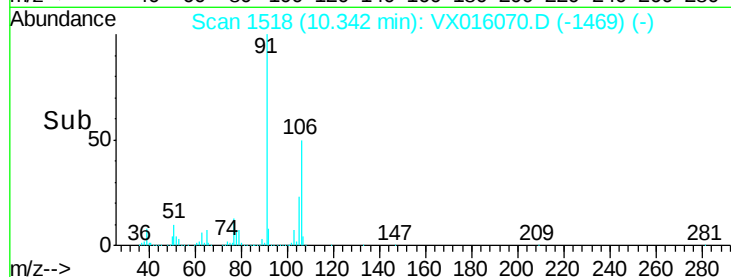
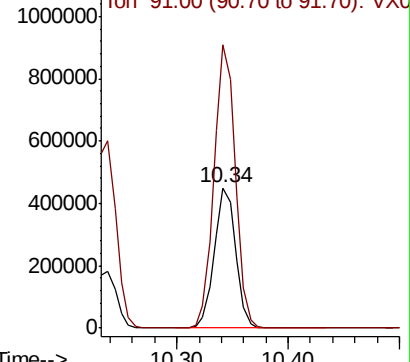
Ion Ratio Lower Upper

106 100

91 201.7 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): V



#69

o-Xylene

Concen: 49.146 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX016070.D

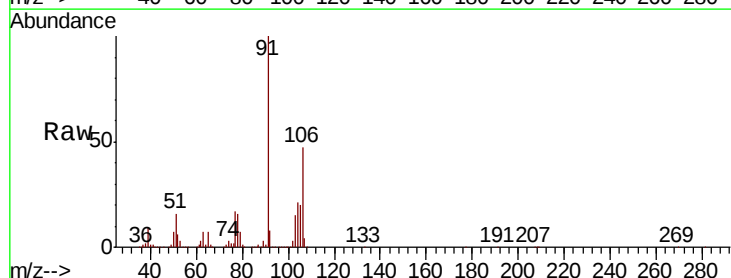
Acq: 05 May 2020 17:36

Tgt Ion:106 Resp: 289143

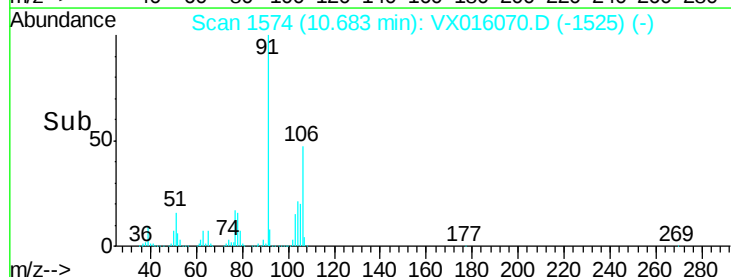
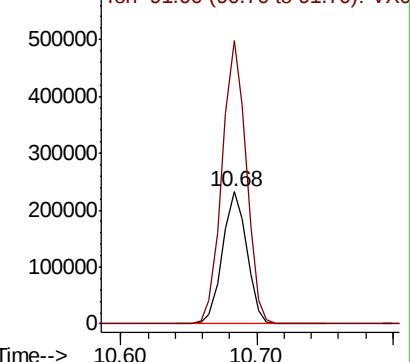
Ion Ratio Lower Upper

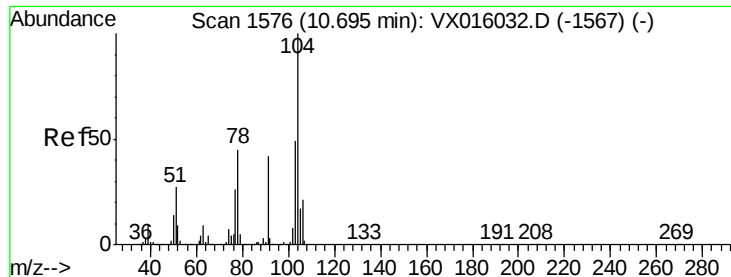
106 100

91 213.2 107.5 322.6



Abundance Ion 106.00 (105.70 to 106.70): V

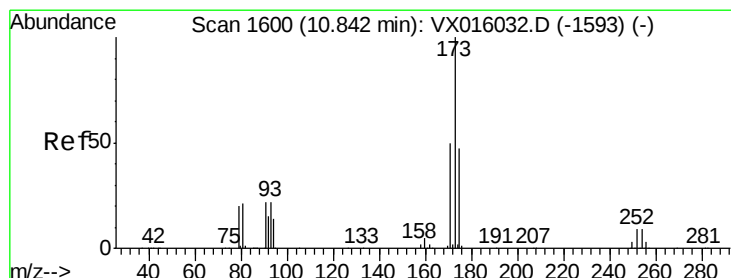
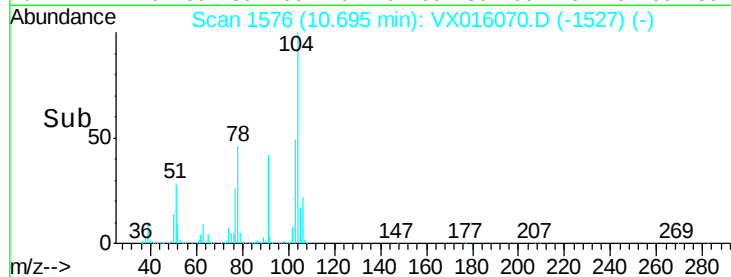
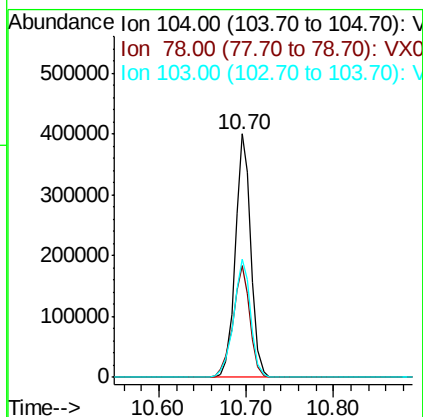
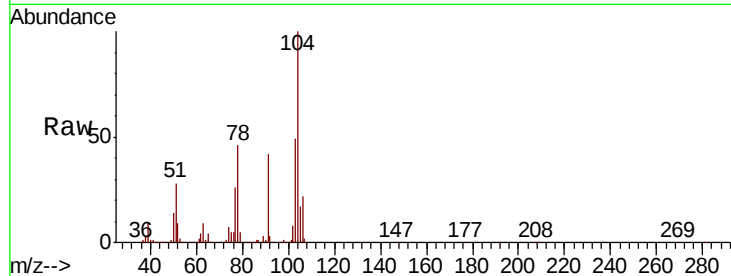




#70
Stvrene
Concen: 49.844 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016070.D
Acq: 05 May 2020 17:36

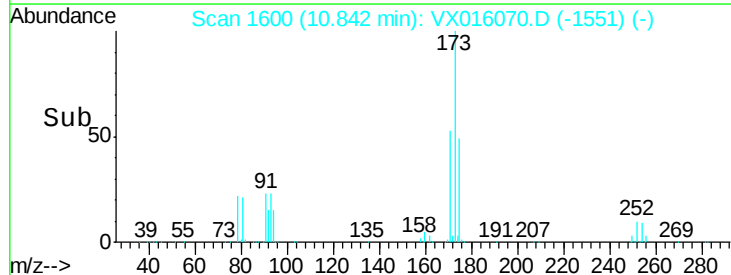
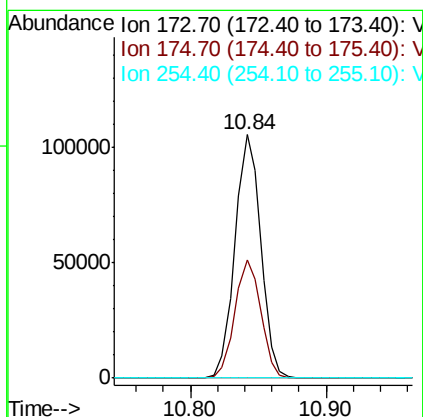
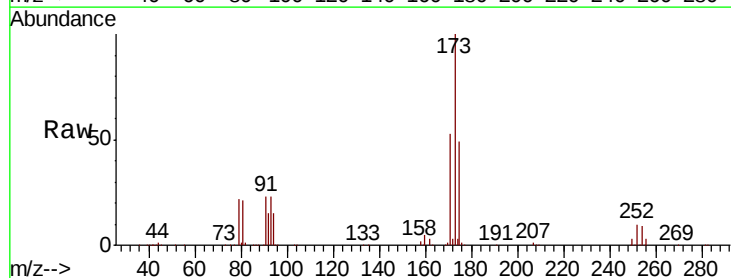
Instrument :
MSVOA_X
ClientSampleId :

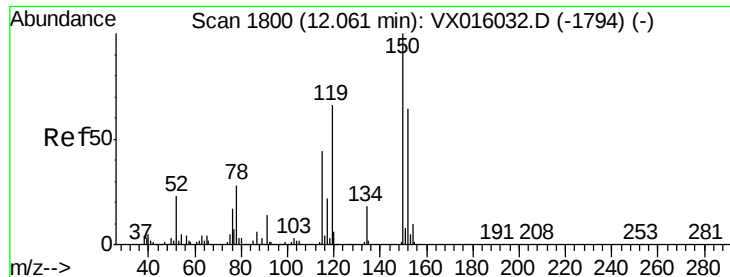
Tot Ion	Ratio	Lower	Upper
104	100		
78	49.8	40.2	60.2
103	53.4	43.0	64.6



#71
Bromoform
Concen: 50.485 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016070.D
Acq: 05 May 2020 17:36

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.0	72.0
254	0.2	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

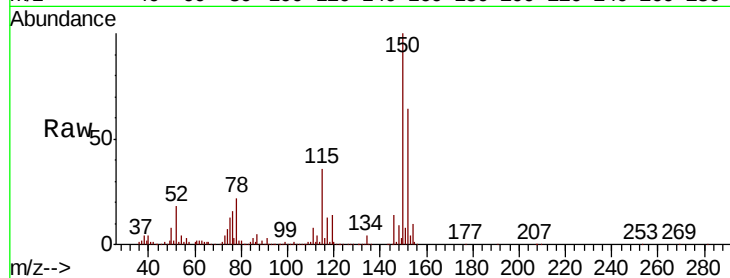
Tot Ion:152 Resp: 225102

Ion Ratio Lower Upper

152 100

115 80.2 41.3 124.1

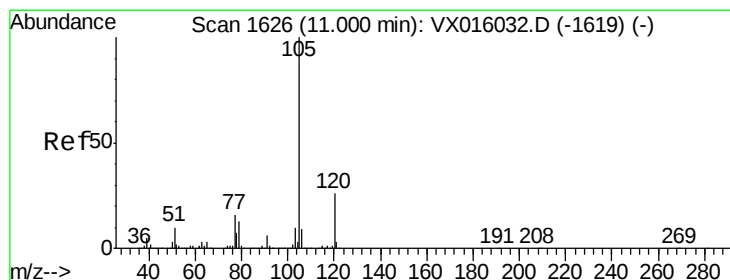
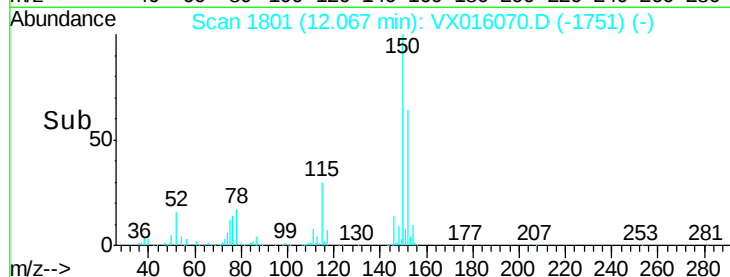
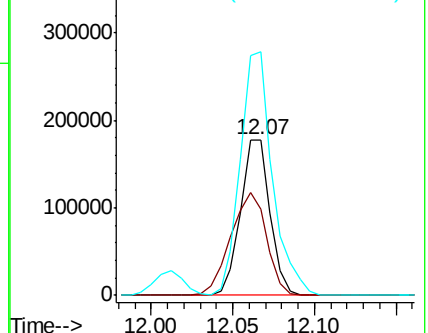
150 171.1 0.0 352.2



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: 46.787 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016070.D

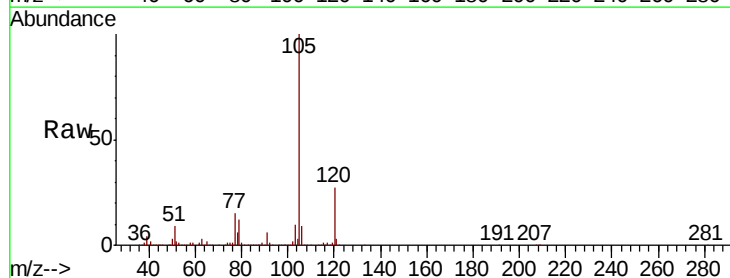
Acq: 05 May 2020 17:36

Tgt Ion:105 Resp: 766028

Ion Ratio Lower Upper

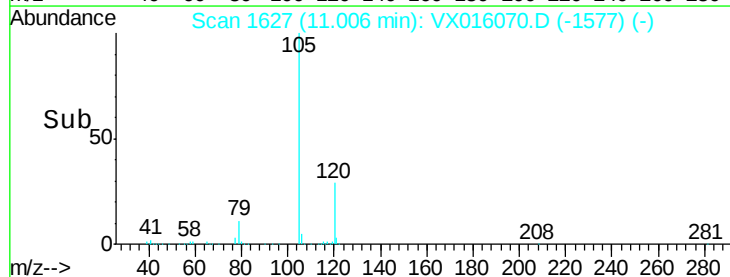
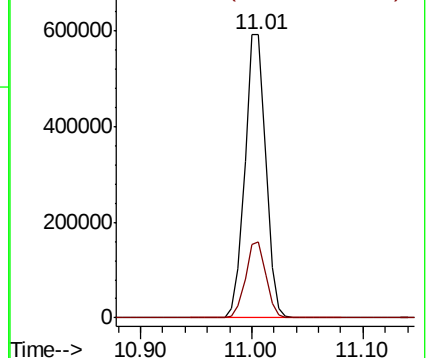
105 100

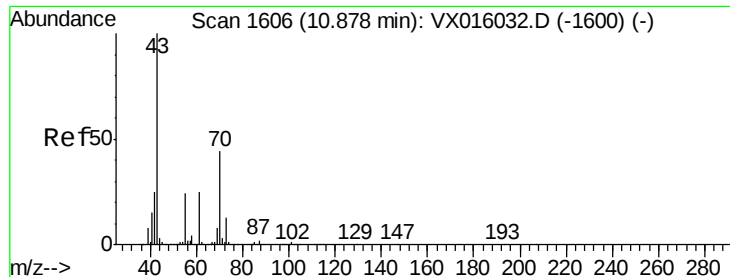
120 26.4 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 43.026 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 328588

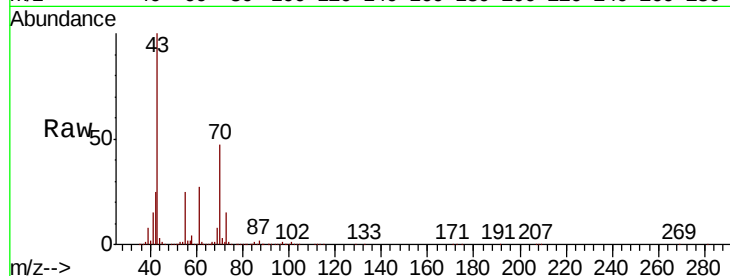
Ion Ratio Lower Upper

43 100

70 45.2 36.5 54.7

55 24.8 19.7 29.5

61 25.9 20.9 31.3



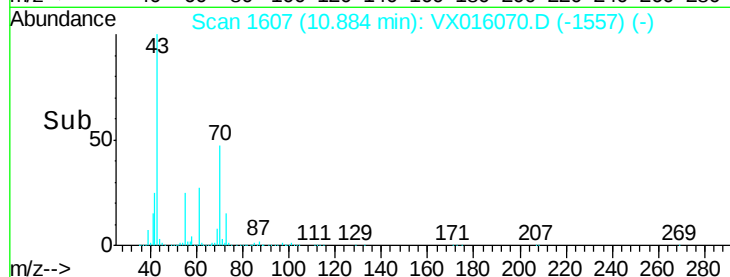
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

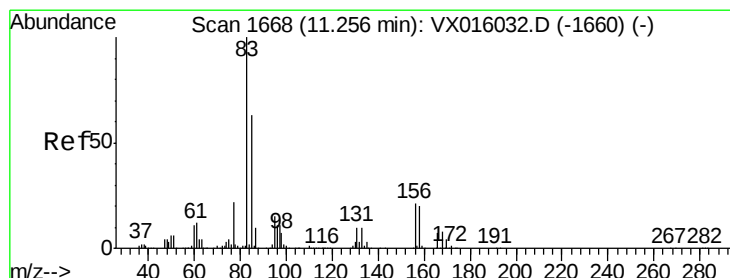
Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Time-->



Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 52.430 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

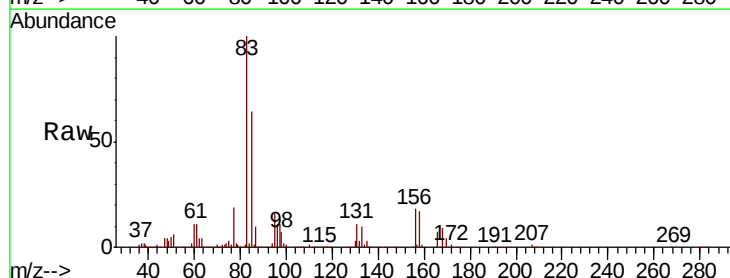
Tgt Ion: 83 Resp: 169614

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

85 64.4 32.0 96.0

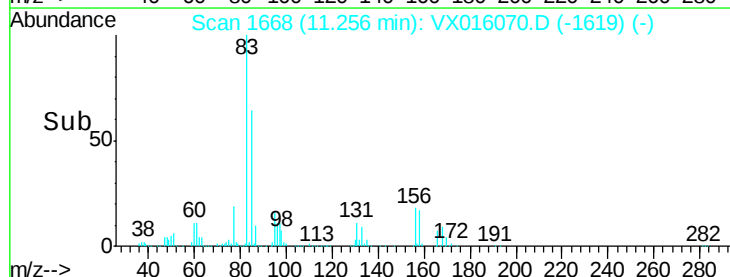


Abundance Ion 82.90 (82.60 to 83.60): VX0

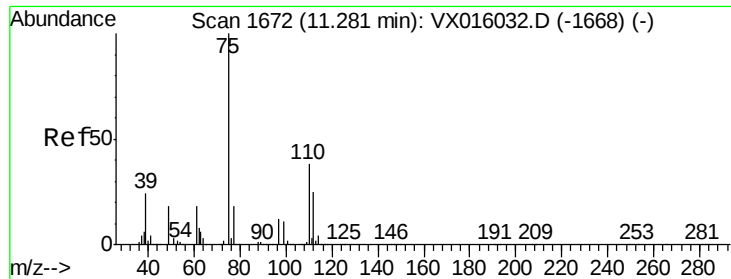
Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 62.196 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

Instrument :

MSVOA_X

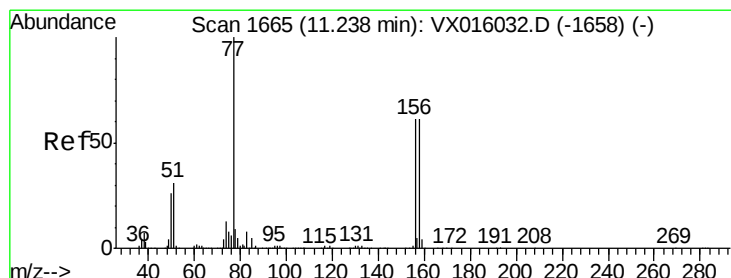
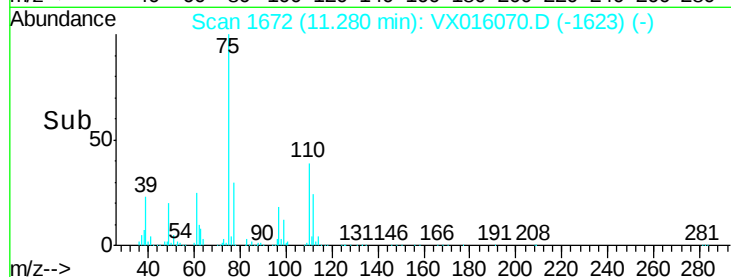
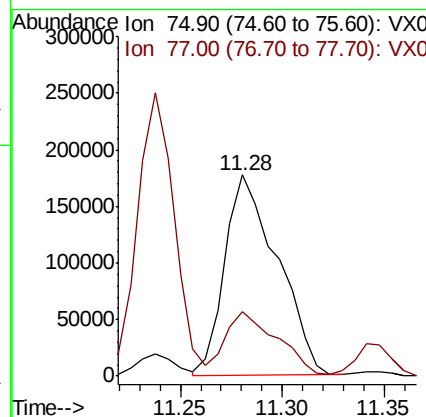
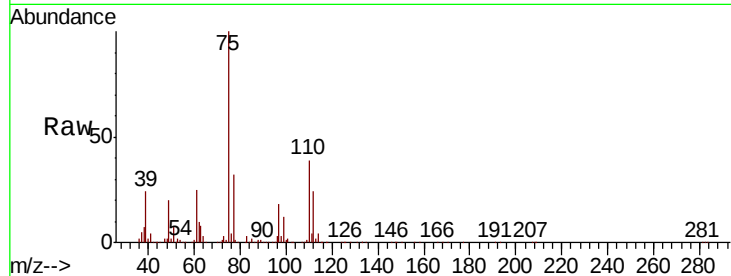
ClientSampled :

Tot Ion: 75 Resp: 317704

Ion Ratio Lower Upper

75 100

77 31.8 21.2 63.6



#77

Bromobenzene

Concen: 45.164 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

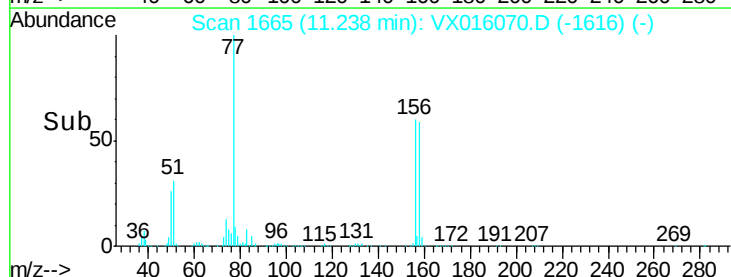
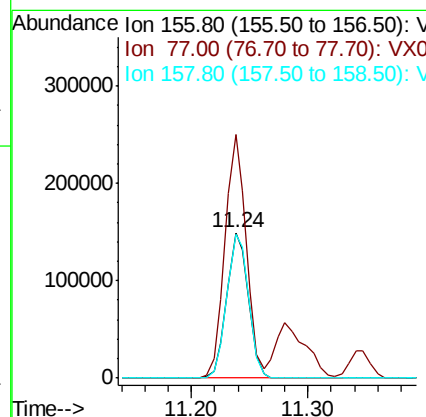
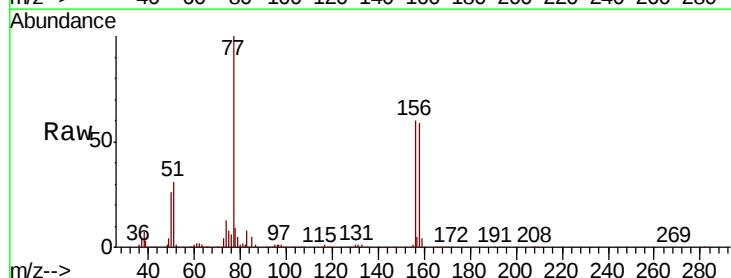
Tgt Ion: 156 Resp: 190865

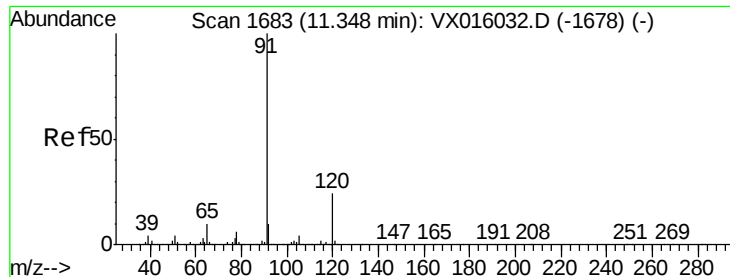
Ion Ratio Lower Upper

156 100

77 164.4 80.1 240.3

158 100.1 49.4 148.2





#78

n-propylbenzene

Concen: 46.582 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

Instrument :

MSVOA_X

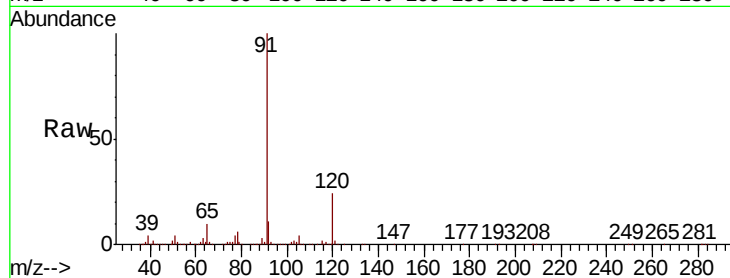
ClientSampleId :

Tot Ion: 91 Resp: 887252

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

800000

600000

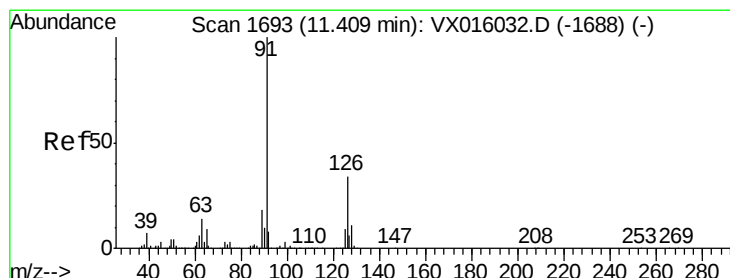
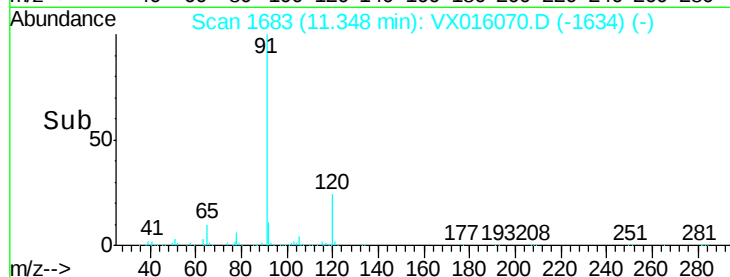
400000

200000

0

11.30 11.35

Time-->



#79

2-Chlorotoluene

Concen: 46.395 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. -0.00 min

Lab File: VX016070.D

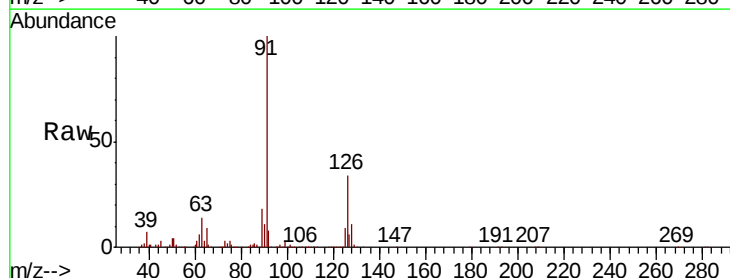
Acq: 05 May 2020 17:36

Tgt Ion: 91 Resp: 521611

Ion Ratio Lower Upper

91 100

126 33.3 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

800000

600000

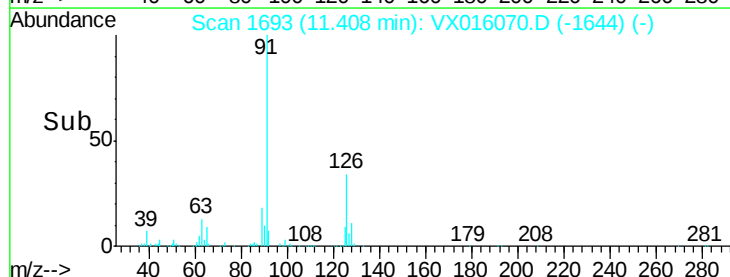
400000

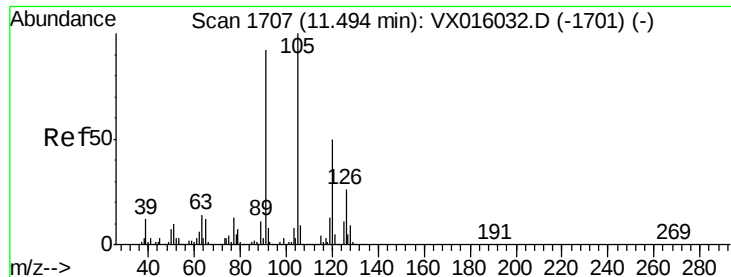
200000

0

11.35 11.40 11.45

Time-->



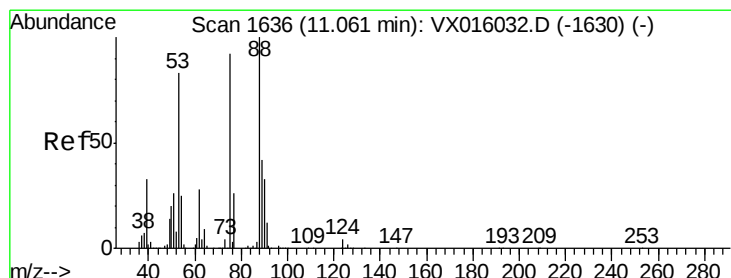
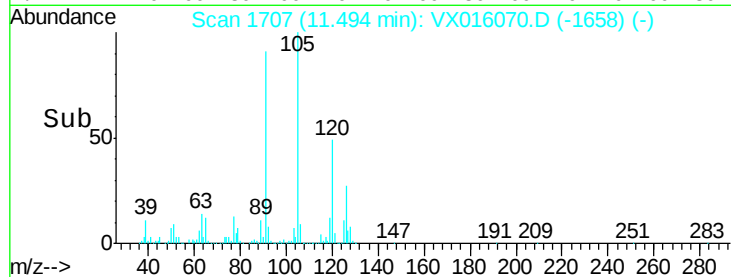
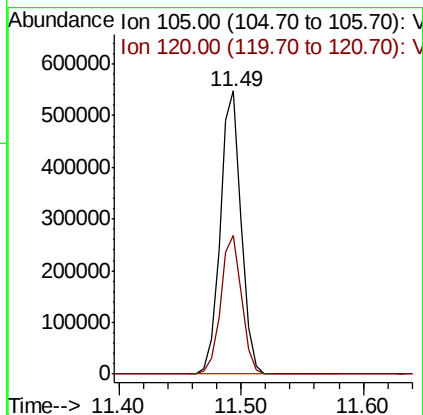
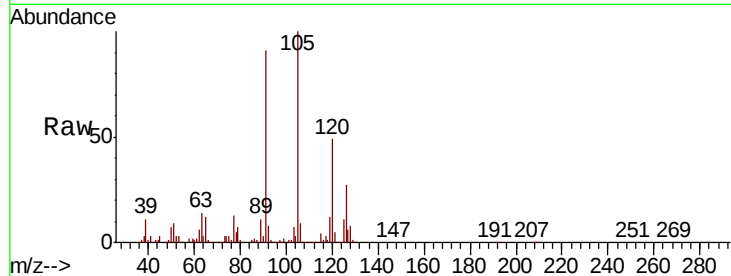


#80

1,3,5-Trimethylbenzene
Concen: 46.801 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016070.D
Acq: 05 May 2020 17:36

Instrument :
MSVOA_X
ClientSampleId :

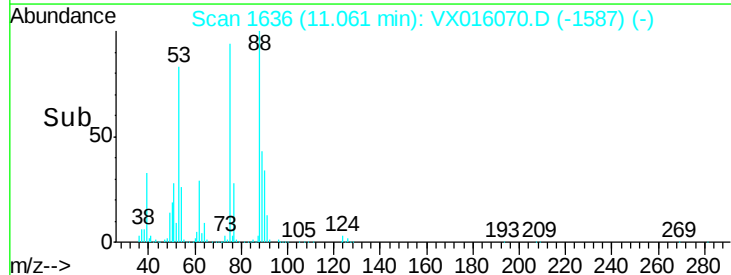
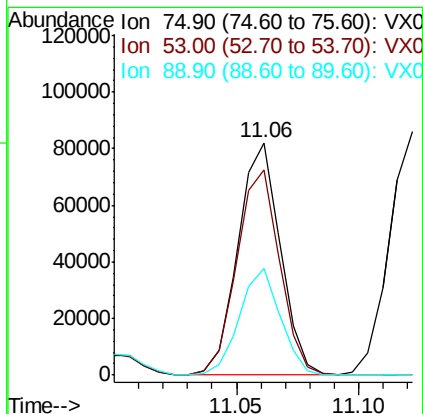
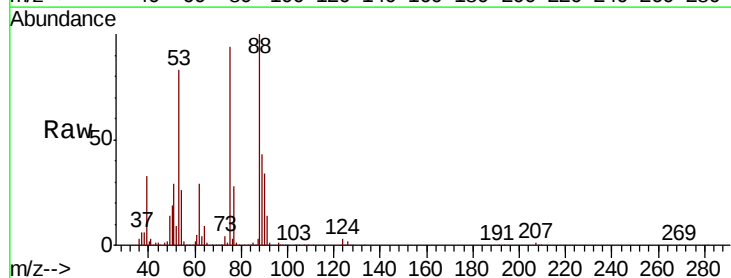
Tot Ion: 105 Resp: 646964
Ion Ratio Lower Upper
105 100
120 49.2 24.6 74.0

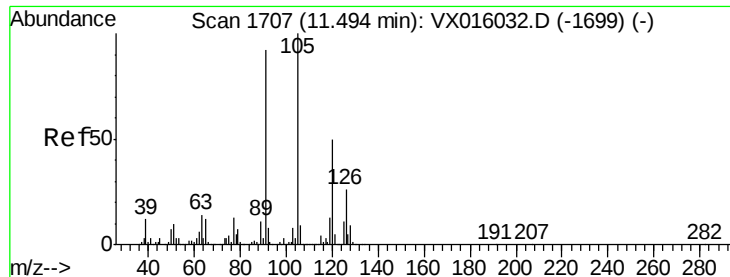


#81

trans-1,4-Dichloro-2-butene
Concen: 45.845 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016070.D
Acq: 05 May 2020 17:36

Tgt Ion: 75 Resp: 98269
Ion Ratio Lower Upper
75 100
53 90.0 73.1 109.7
89 44.9 36.7 55.1





#82

4-Chlorotoluene

Concen: 46.342 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

Instrument :

MSVOA_X

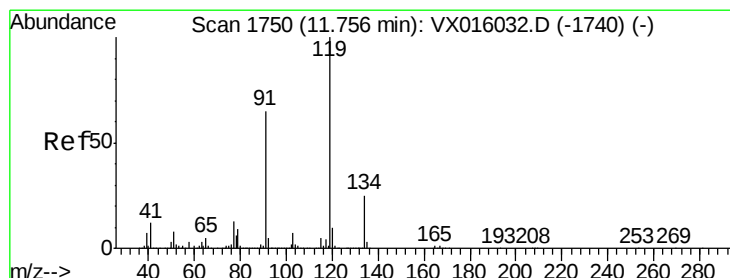
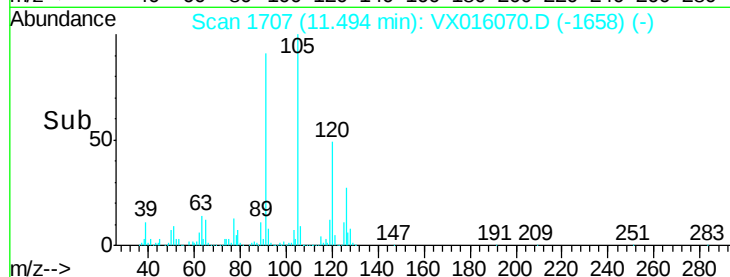
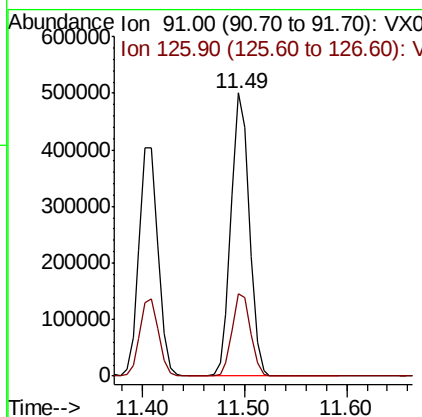
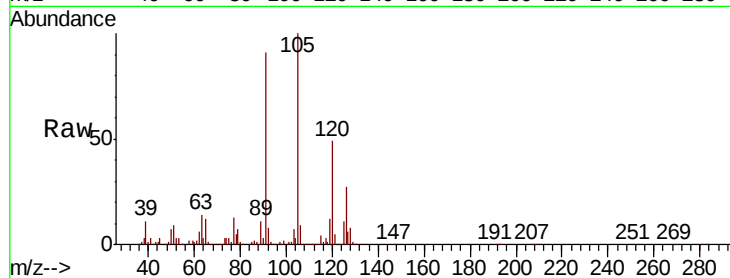
ClientSampleId :

Tot Ion: 91 Resp: 615256

Ion Ratio Lower Upper

91 100

126 29.6 14.8 44.3



#83

tert-Butylbenzene

Concen: 46.792 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

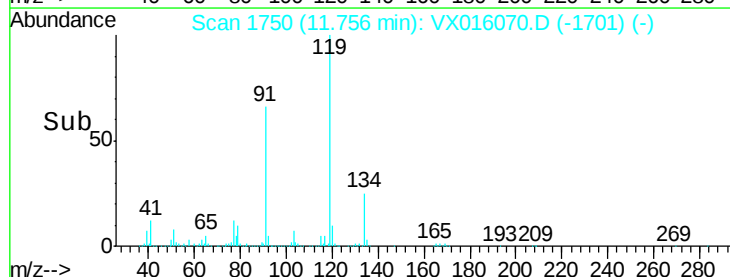
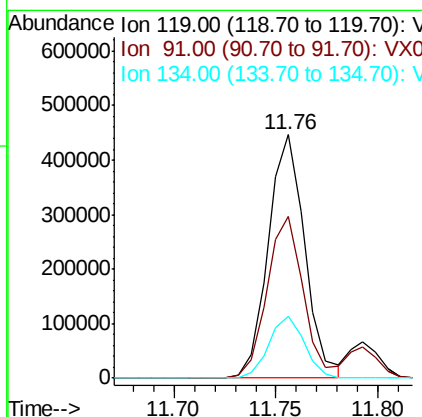
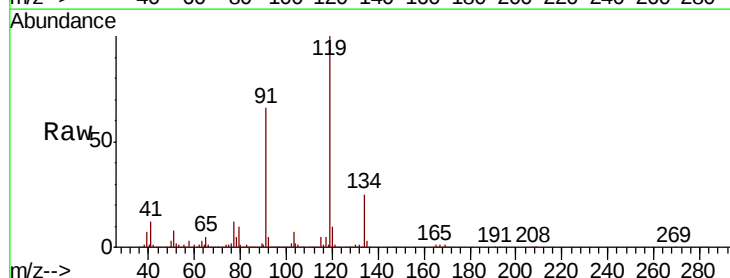
Tgt Ion: 119 Resp: 557444

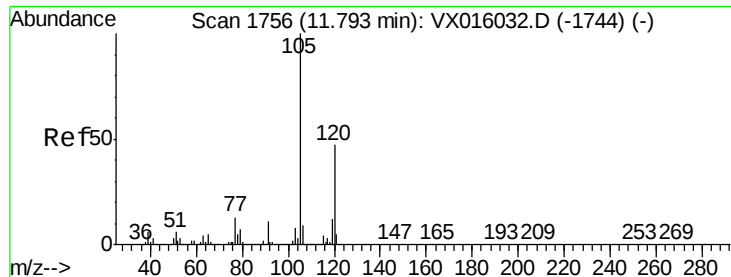
Ion Ratio Lower Upper

119 100

91 65.0 32.8 98.4

134 24.7 12.4 37.0

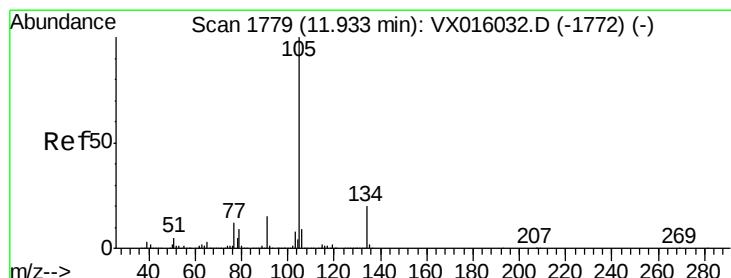
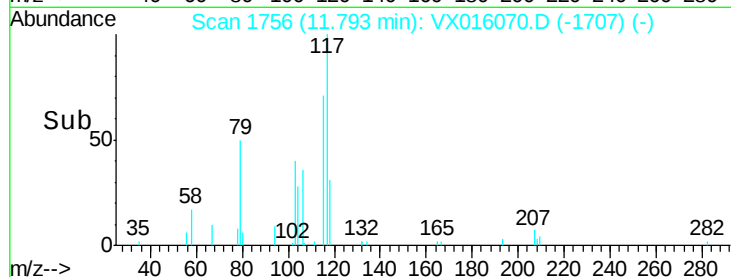
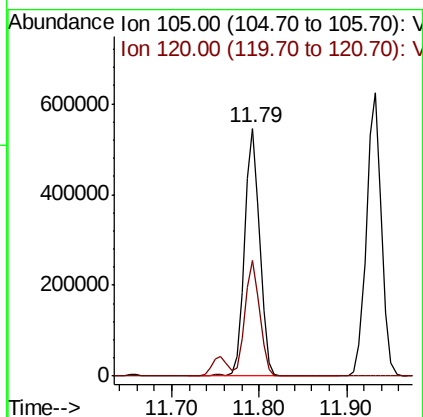
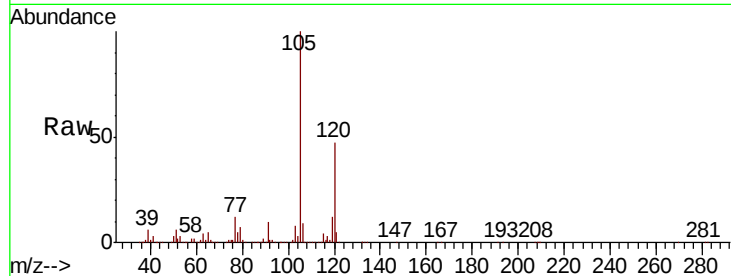




#84
 1,2,4-Trimethylbenzene
 Concen: 46.789 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016070.D
 Acq: 05 May 2020 17:36

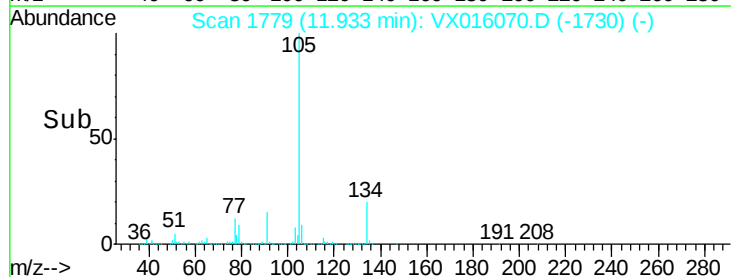
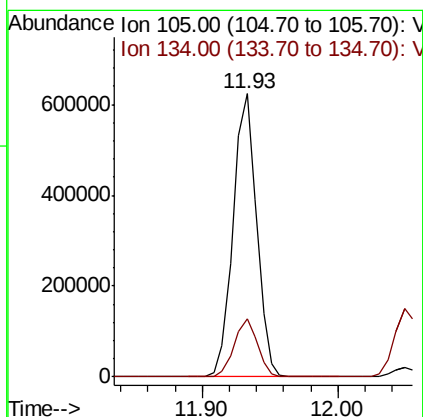
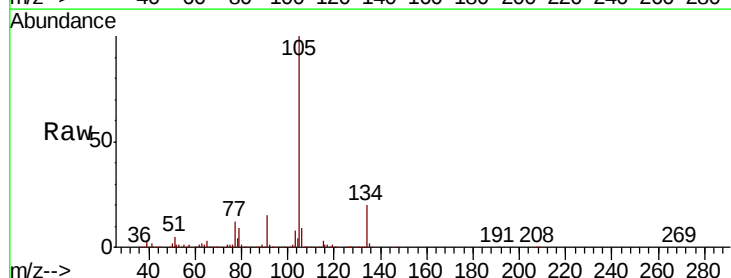
Instrument :
 MSVOA_X
 ClientSampleId :

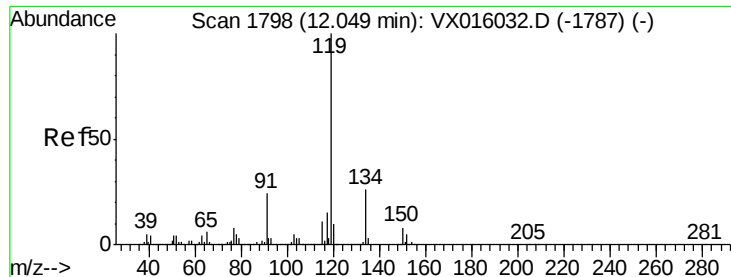
Tot Ion:105 Resp: 653914
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.0 69.0



#85
 sec-Butylbenzene
 Concen: 46.498 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016070.D
 Acq: 05 May 2020 17:36

Tgt Ion:105 Resp: 747937
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.3





#86

p-Isopropyltoluene

Concen: 46.196 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016070.D

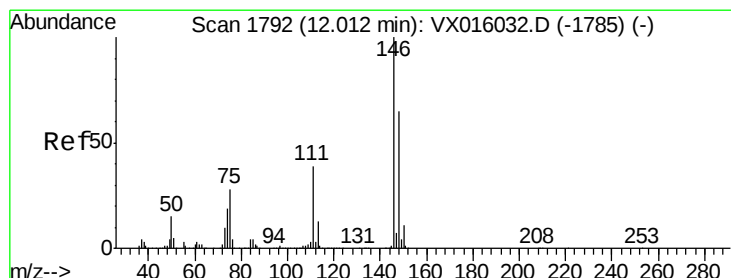
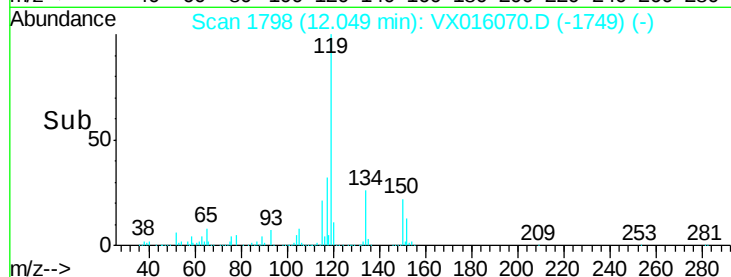
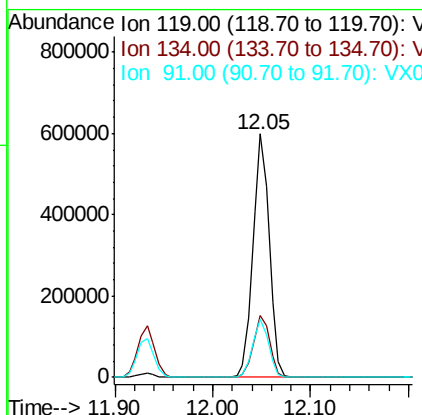
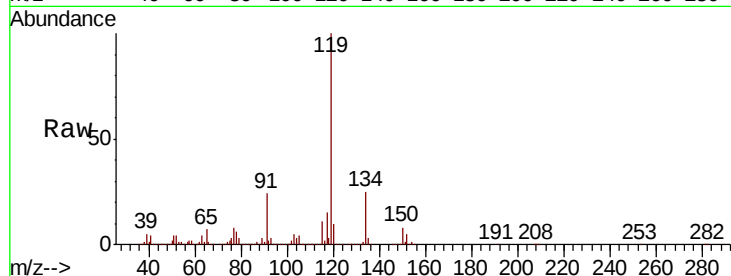
Acq: 05 May 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:119	Resp:	689905
Ion Ratio	Lower	Upper
119	100	
134	25.9	13.1 39.3
91	23.4	11.8 35.4



#87

1,3-Dichlorobenzene

Concen: 44.954 ug/l

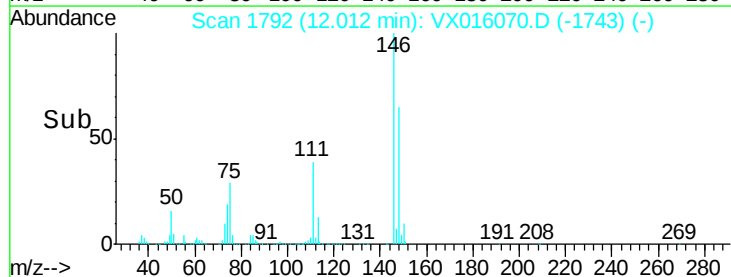
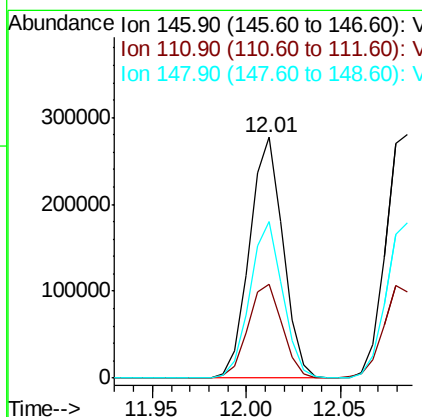
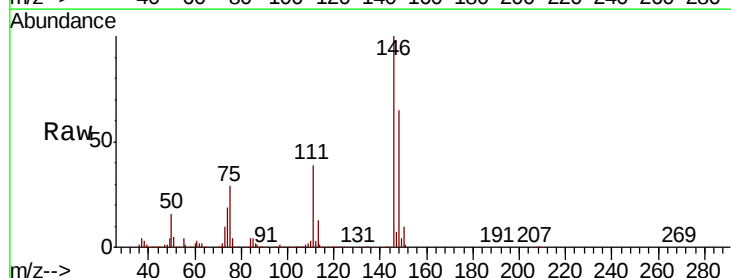
RT: 12.01 min Scan# 1792

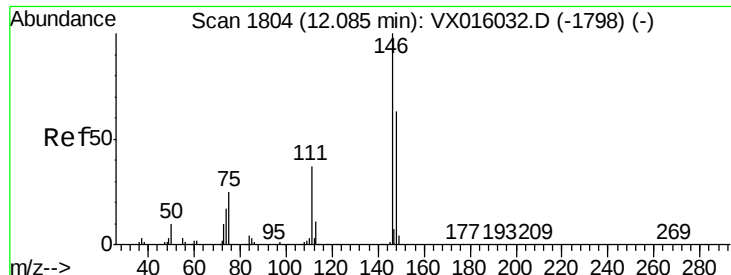
Delta R.T. -0.00 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

Tgt Ion:146	Resp:	341116
Ion Ratio	Lower	Upper
146	100	
111	39.9	20.2 60.6
148	63.8	32.1 96.3

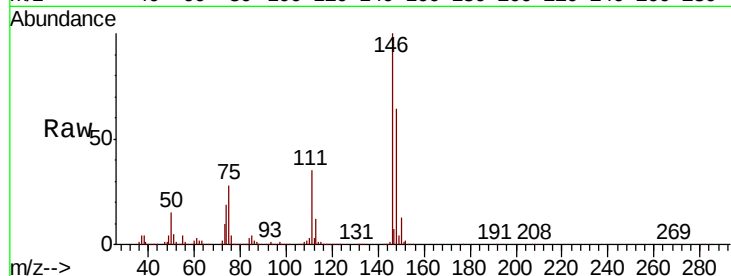




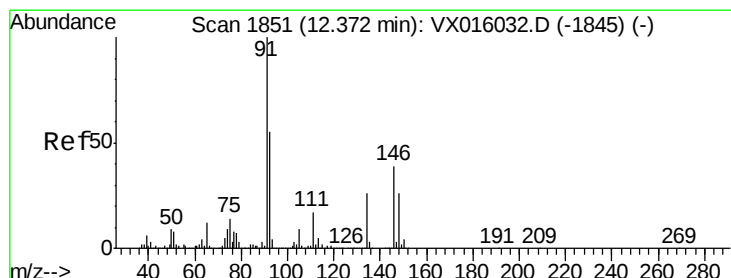
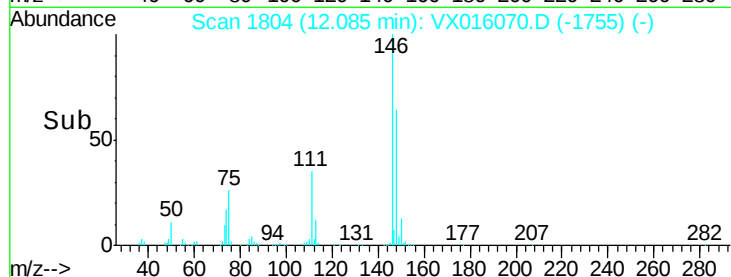
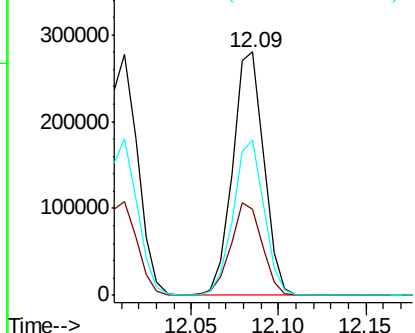
#88
 1,4-Dichlorobenzene
 Concen: 45.101 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VX016070.D
 Acq: 05 May 2020 17:36

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.6	58.7
148	63.0	31.8	95.3

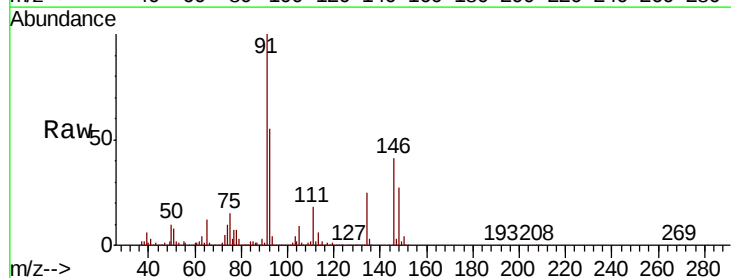


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

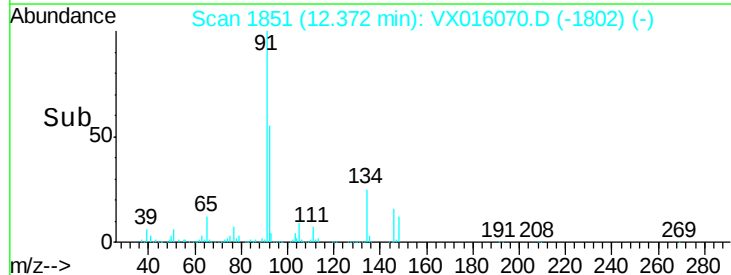
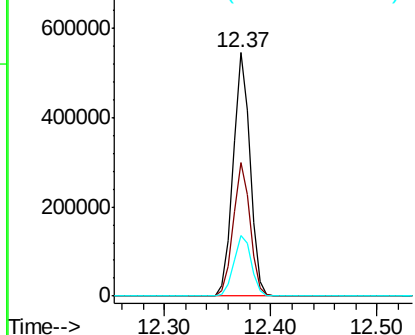


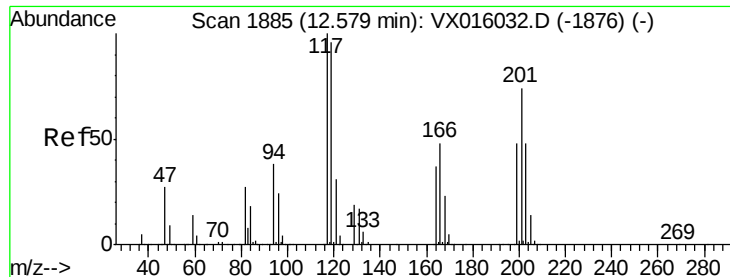
#89
 n-Butylbenzene
 Concen: 44.708 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX016070.D
 Acq: 05 May 2020 17:36

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.6	82.7
134	26.0	13.4	40.1



Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 92.00 (91.70 to 92.70): VX0
 Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 47.648 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

Instrument :

MSVOA_X

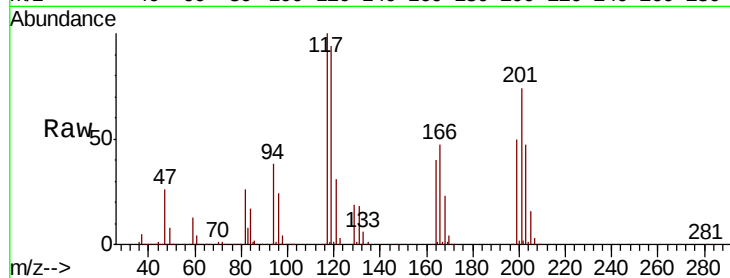
ClientSampled :

Tot Ion:117 Resp: 122208

Ion Ratio Lower Upper

117 100

201 81.4 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

100000

80000

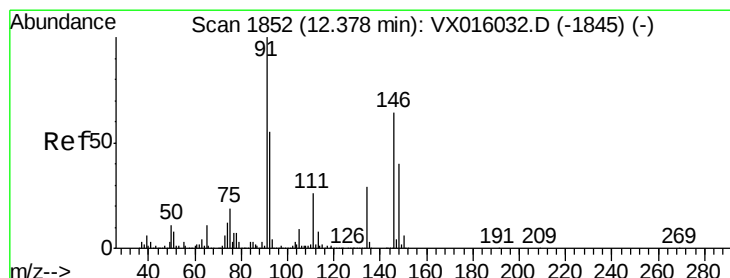
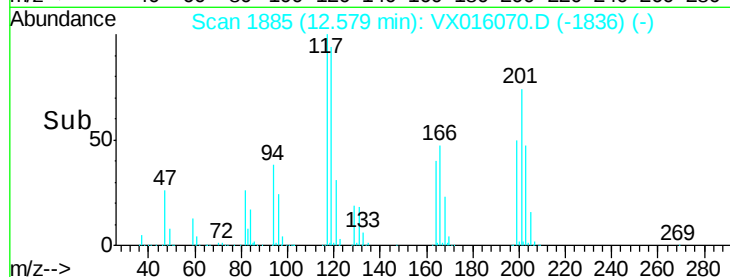
60000

40000

20000

0

Time--> 12.50 12.55 12.60 12.65



#91

1,2-Dichlorobenzene

Concen: 45.210 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

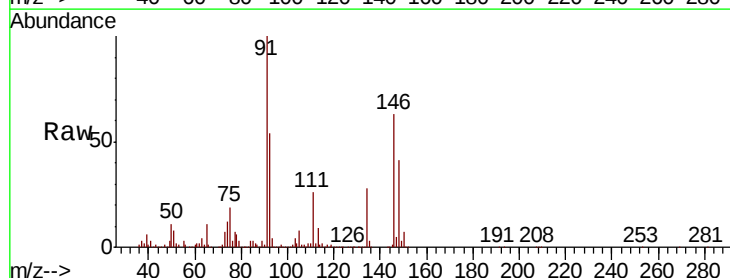
Tgt Ion:146 Resp: 330328

Ion Ratio Lower Upper

146 100

111 41.8 21.1 63.1

148 64.7 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

12.38

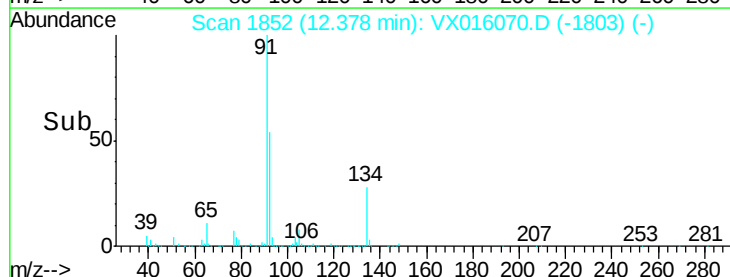
300000

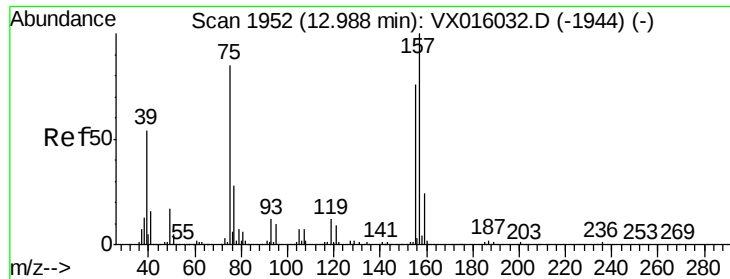
200000

100000

0

Time--> 12.30 12.35 12.40 12.45





#92

1,2-Dibromo-3-Chloropropane

Concen: 45.840 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

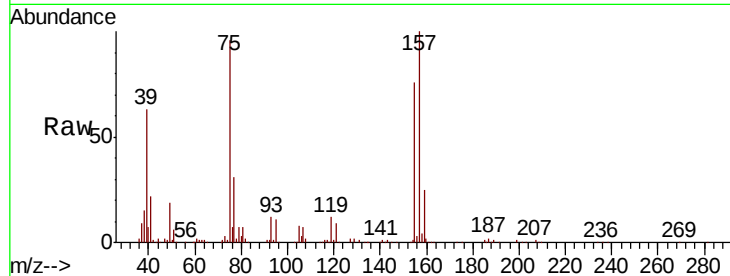
Tot Ion: 75 Resp: 61713

Ion Ratio Lower Upper

75 100

155 85.2 42.5 127.5

157 112.2 55.3 165.8



Abundance Ion 74.90 (74.60 to 75.60): VX016070.D (-1903) (-)

Ion 154.80 (154.50 to 155.50): VX016070.D (-1903) (-)

Ion 156.80 (156.50 to 157.50): VX016070.D (-1903) (-)

12.98

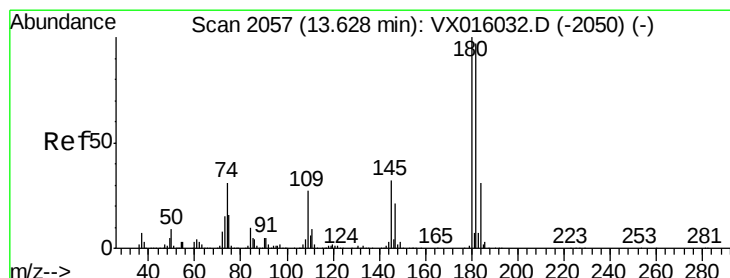
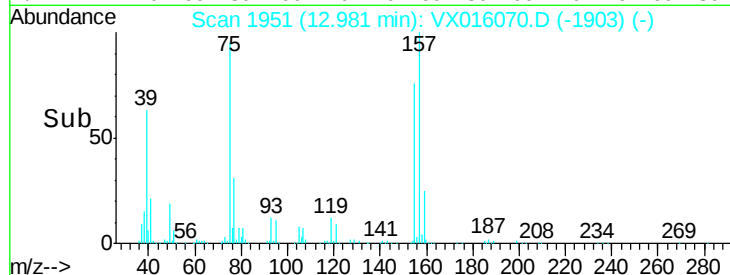
60000

40000

20000

0

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 44.129 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

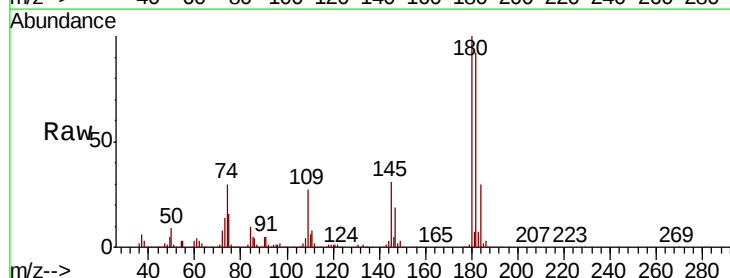
Tgt Ion: 180 Resp: 238713

Ion Ratio Lower Upper

180 100

182 95.6 48.7 146.1

145 30.6 15.7 47.1



Abundance Ion 179.80 (179.50 to 180.50): VX016070.D (-2008) (-)

Ion 181.80 (181.50 to 182.50): VX016070.D (-2008) (-)

Ion 144.80 (144.50 to 145.50): VX016070.D (-2008) (-)

13.63

250000

200000

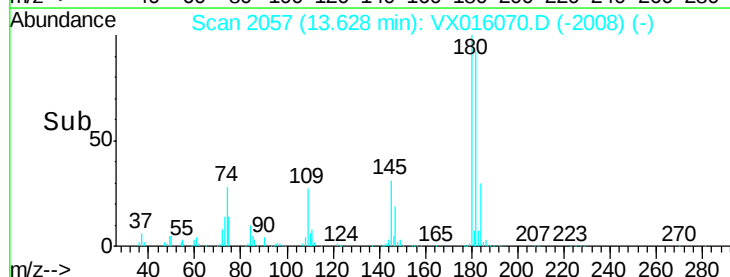
150000

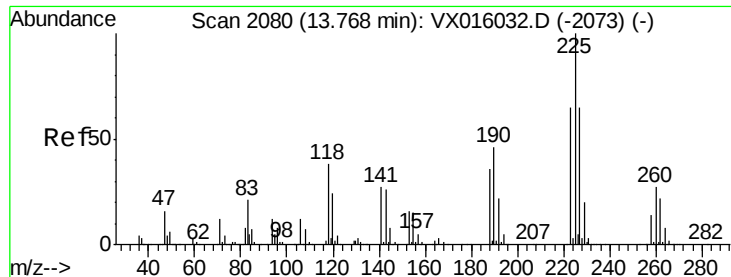
100000

50000

0

Time-->





#94

Hexachlorobutadiene

Concen: 46.278 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

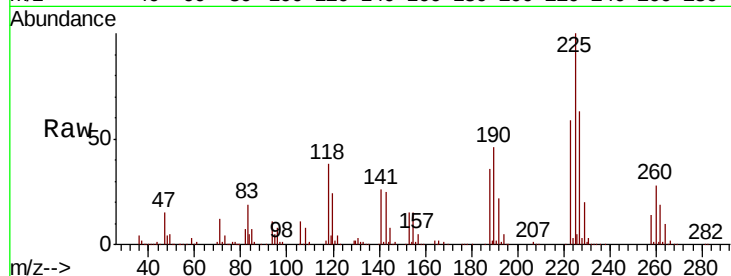
Tot Ion:225 Resp: 107705

Ion Ratio Lower Upper

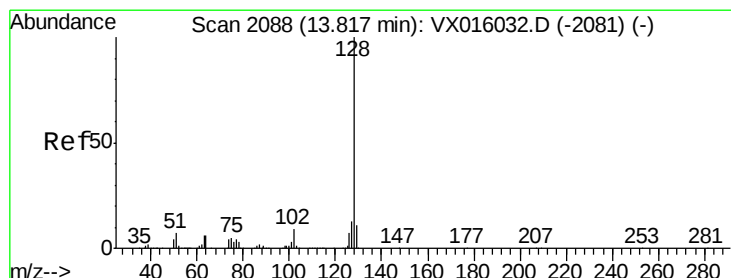
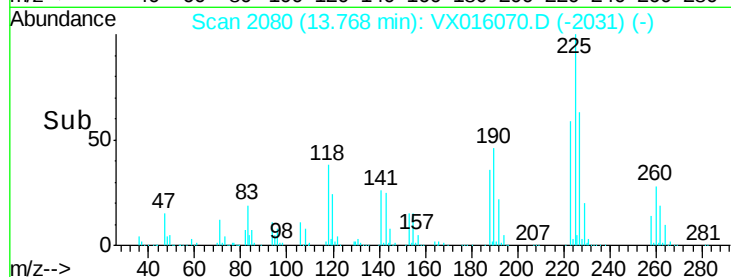
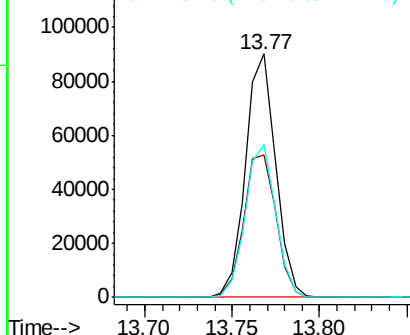
225 100

223 63.2 32.3 96.9

227 63.6 31.8 95.4



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



#95

Naphthalene

Concen: 46.583 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

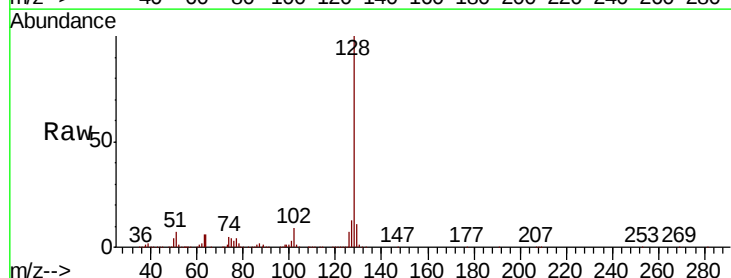
Tgt Ion:128 Resp: 815946

Ion Ratio Lower Upper

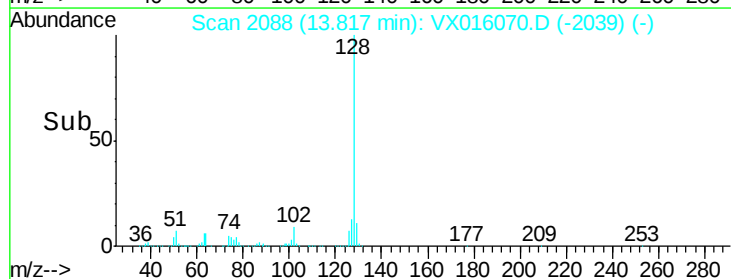
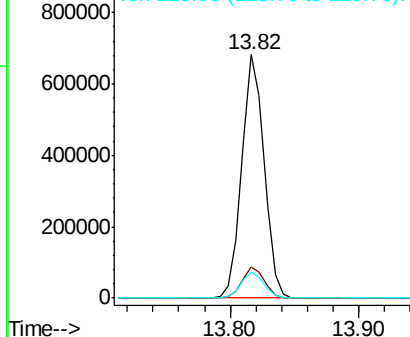
128 100

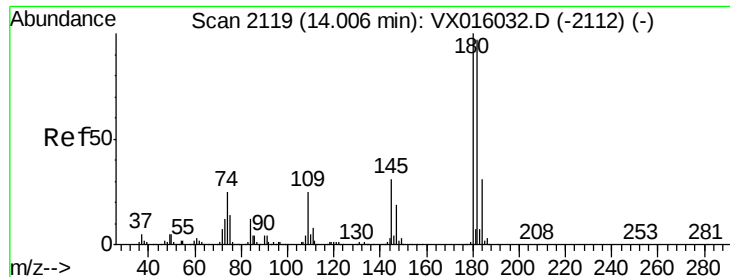
127 12.8 10.2 15.4

129 10.8 8.7 13.1



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





#96

1,2,3-Trichlorobenzene

Concen: 46.117 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016070.D

Acq: 05 May 2020 17:36

Instrument :

MSVOA_X

ClientSampleId :

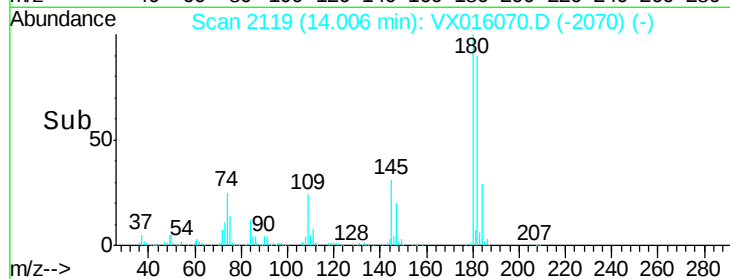
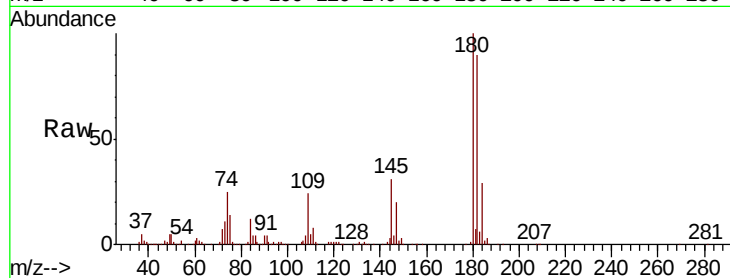
Tot Ion:180 Resp: 243807

Ion Ratio Lower Upper

180 100

182 91.9 48.4 145.0

145 31.9 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

