

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052220\
 Data File : VX016418.D
 Acq On : 22 May 2020 17:30
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 23 02:48:13 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	210997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	342448	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	324676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	166842	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	123786	44.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.16%	
35) Dibromofluoromethane	5.47	113	106751	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
50) Toluene-d8	8.70	98	407694	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
62) 4-Bromofluorobenzene	11.12	95	163637	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	99771	44.673	ug/l	99
3) Chloromethane	1.31	50	113030	43.579	ug/l	99
4) Vinyl Chloride	1.39	62	124409	44.959	ug/l	99
5) Bromomethane	1.62	94	53624	38.439	ug/l	99
6) Chloroethane	1.70	64	77828	46.225	ug/l	100
7) Trichlorofluoromethane	1.91	101	171010	47.073	ug/l	99
8) Diethyl Ether	2.17	74	71409	46.652	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.36	101	94761	45.212	ug/l	98
10) Methyl Iodide	2.49	142	100813	35.808	ug/l	99
11) Tert butyl alcohol	3.03	59	159330	226.931	ug/l	100
12) 1,1-Dichloroethene	2.35	96	100356	45.755	ug/l	96
13) Acrolein	2.27	56	99692	226.906	ug/l	99
14) Allyl chloride	2.70	41	169589	42.170	ug/l	92
15) Acrylonitrile	3.12	53	347432	238.535	ug/l	98
16) Acetone	2.42	43	261066	210.732	ug/l	93
17) Carbon Disulfide	2.55	76	277421	42.086	ug/l	99
18) Methyl Acetate	2.75	43	139058	45.652	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	377854	49.974	ug/l	98
20) Methylene Chloride	2.83	84	118593	46.437	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	116249	47.561	ug/l	94
22) Diisopropyl ether	3.82	45	341323	44.988	ug/l	96
23) Vinyl Acetate	3.79	43	1519142	227.590	ug/l	96
24) 1,1-Dichloroethane	3.67	63	203668	47.988	ug/l	97
25) 2-Butanone	4.64	43	459204	230.029	ug/l	95
26) 2,2-Dichloropropane	4.56	77	172314	44.457	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	133917	50.117	ug/l	93
28) Bromochloromethane	4.98	49	77609	40.103	ug/l	86
29) Tetrahydrofuran	5.09	42	299614	226.509	ug/l	93
30) Chloroform	5.18	83	211627	50.080	ug/l	99
31) Cyclohexane	5.55	56	166995	43.295	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	189336	49.292	ug/l	97
36) 1,1-Dichloropropene	5.77	75	154622	45.869	ug/l	99
37) Ethyl Acetate	4.79	43	173570	44.425	ug/l	96
38) Carbon Tetrachloride	5.76	117	167070	48.761	ug/l	96

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Quant Time: May 23 02:48:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	164325	40.479	ug/l	95
40) Benzene	6.12	78	483036	48.974	ug/l	100
41) Methacrylonitrile	5.01	41	91669	43.446	ug/l	94
42) 1,2-Dichloroethane	6.17	62	162841	45.832	ug/l	97
43) Isopropyl Acetate	6.42	43	275652	44.219	ug/l	95
44) Trichloroethene	7.19	130	148195	42.293	ug/l	99
45) 1,2-Dichloropropane	7.49	63	121393	48.641	ug/l	99
46) Dibromomethane	7.64	93	83177	49.043	ug/l	97
47) Bromodichloromethane	7.88	83	173130	50.122	ug/l	98
48) Methyl methacrylate	7.75	41	131217	44.422	ug/l	90
49) 1,4-Dioxane	7.71	88	67851	957.766	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	884360	231.830	ug/l	94
52) Toluene	8.77	92	310254	50.465	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	199428	48.423	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	212364	49.367	ug/l	91
55) 1,1,2-Trichloroethane	9.20	97	127720	52.803	ug/l	99
56) Ethyl methacrylate	9.16	69	202856	51.379	ug/l	89
57) 1,3-Dichloropropane	9.35	76	214328	50.782	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	461934	219.766	ug/l	97
59) 2-Hexanone	9.48	43	690497	230.491	ug/l	93
60) Dibromochloromethane	9.57	129	144697	54.317	ug/l	100
61) 1,2-Dibromoethane	9.65	107	136114	51.952	ug/l	99
64) Tetrachloroethene	9.32	164	161525	40.525	ug/l	94
65) Chlorobenzene	10.12	112	340179	50.038	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	127984	50.934	ug/l	99
67) Ethyl Benzene	10.24	91	589529	48.601	ug/l	98
68) m/p-Xylenes	10.34	106	461054	101.450	ug/l	99
69) o-Xylene	10.68	106	222075	50.836	ug/l	99
70) Styrene	10.69	104	390931	52.749	ug/l	99
71) Bromoform	10.84	173	111743	54.583	ug/l #	99
73) Isopropylbenzene	11.01	105	583899	48.116	ug/l	99
74) N-amyl acetate	10.88	43	244800	43.248	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.26	83	161208	65.148	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	244140	64.484	ug/l	85
77) Bromobenzene	11.24	156	154009	49.168	ug/l	97
78) n-propylbenzene	11.35	91	655949	46.464	ug/l	99
79) 2-Chlorotoluene	11.41	91	406008	48.722	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	499509	48.752	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	76570	48.196	ug/l	94
82) 4-Chlorotoluene	11.49	91	473531	48.121	ug/l	99
83) tert-Butylbenzene	11.76	119	429557	48.648	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	509700	49.205	ug/l	99
85) sec-Butylbenzene	11.93	105	515062	43.202	ug/l	100
86) p-Isopropyltoluene	12.05	119	498240	45.012	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	269965	48.001	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	271277	47.523	ug/l	99
89) n-Butylbenzene	12.37	91	405144	40.065	ug/l	99
90) Hexachloroethane	12.58	117	87320	45.933	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	260658	48.132	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	47235	47.338	ug/l	92

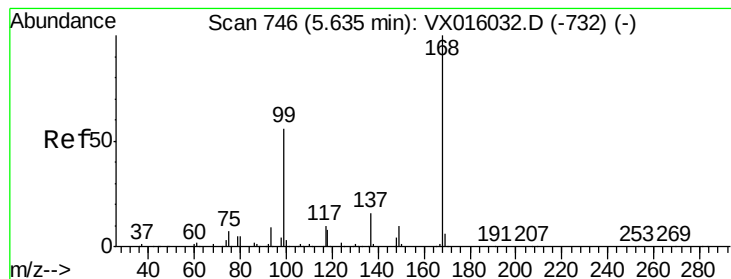
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052220\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	173638	43.308	ug/l	98
94) Hexachlorobutadiene	13.77	225	62518	36.356	ug/l	98
95) Naphthalene	13.82	128	627930	48.368	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	169156	43.169	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Instrument :

MSVOA_X

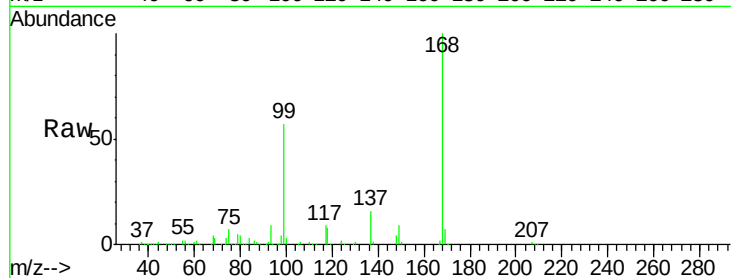
ClientSampleId :

Tot Ion:168 Resp: 210997

Ion Ratio Lower Upper

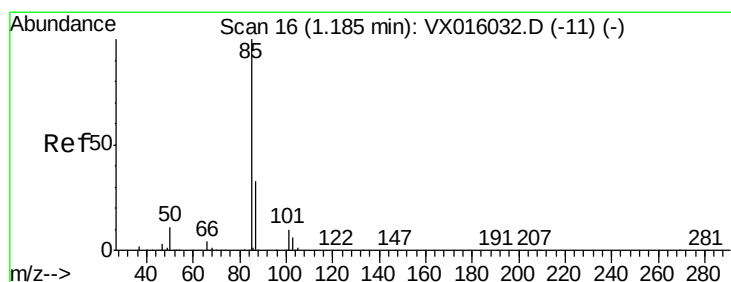
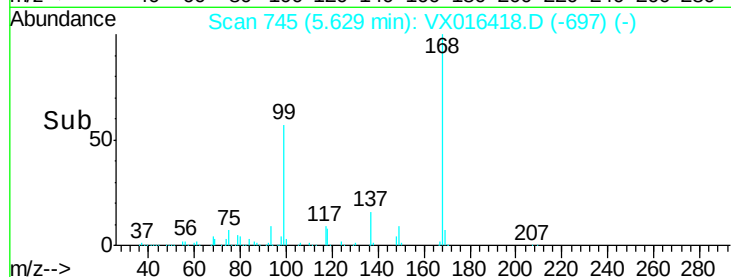
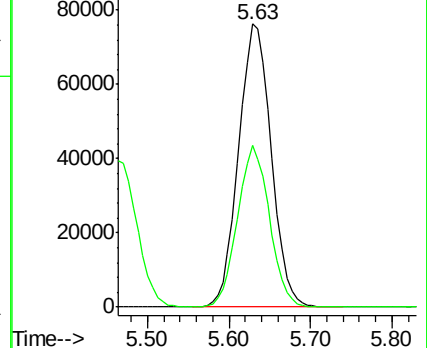
168 100

99 56.9 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 44.673 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016418.D

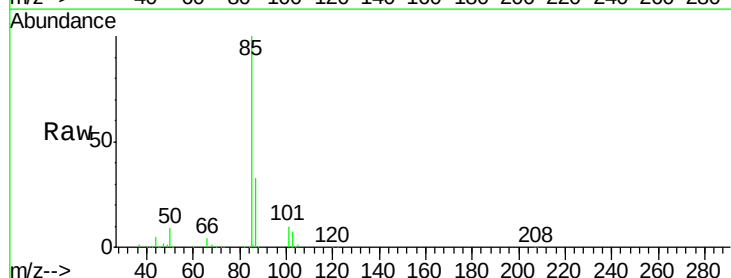
Acq: 22 May 2020 17:30

Tgt Ion: 85 Resp: 99771

Ion Ratio Lower Upper

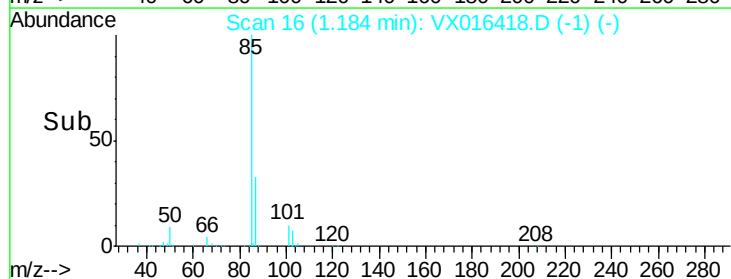
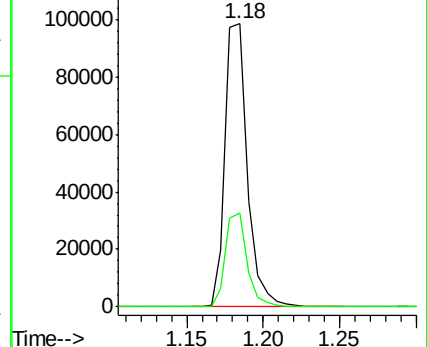
85 100

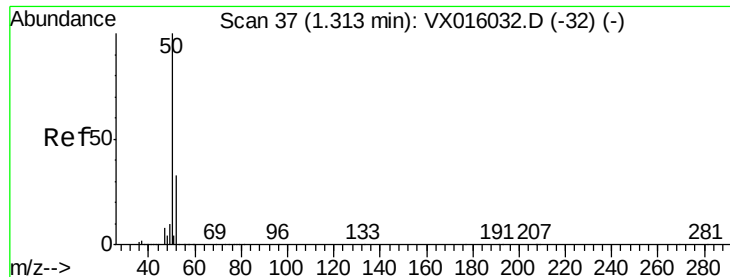
87 33.0 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 43.579 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Instrument :

MSVOA_X

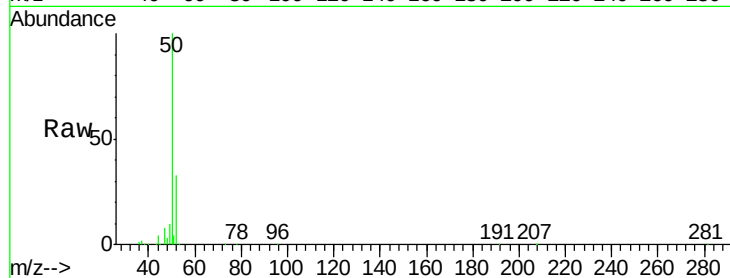
ClientSampleId :

Tot Ion: 50 Resp: 113030

Ion Ratio Lower Upper

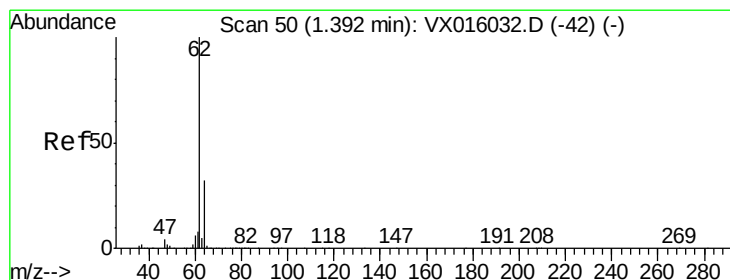
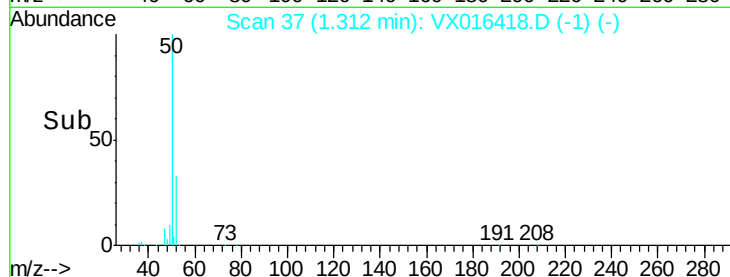
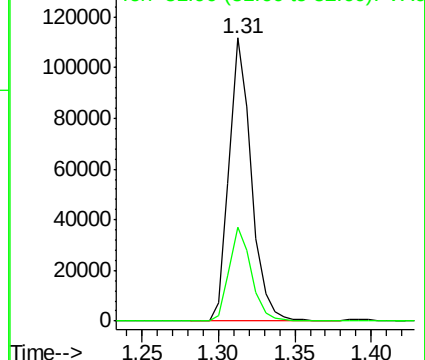
50 100

52 33.1 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.959 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016418.D

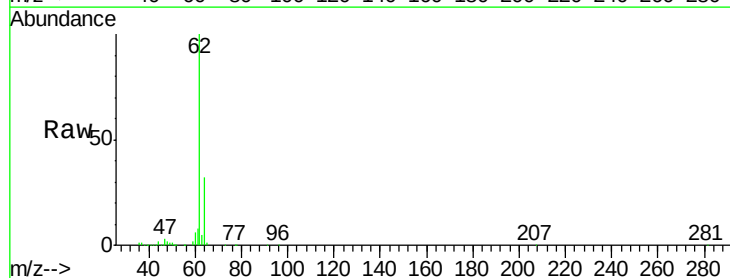
Acq: 22 May 2020 17:30

Tgt Ion: 62 Resp: 124409

Ion Ratio Lower Upper

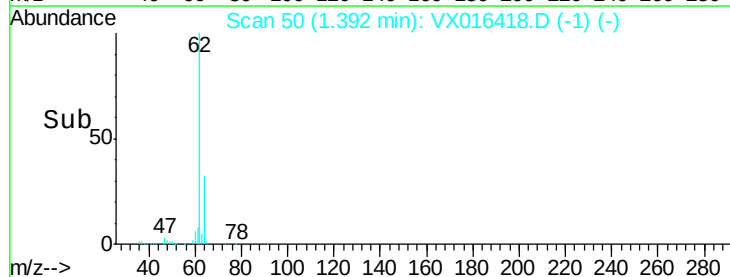
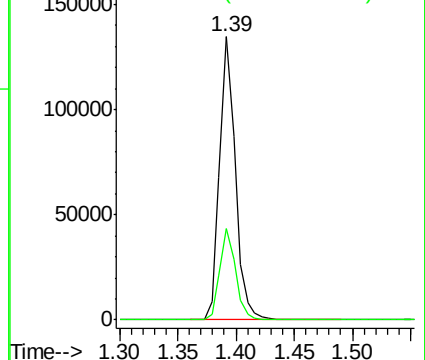
62 100

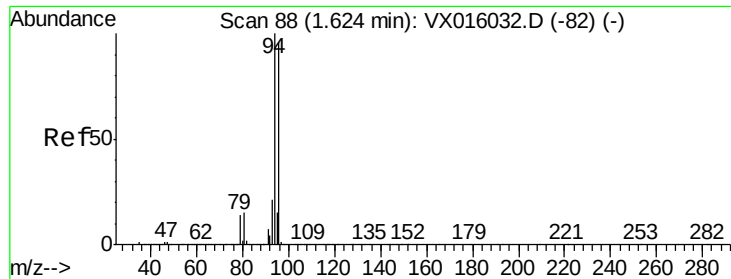
64 32.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 38.439 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Instrument :

MSVOA_X

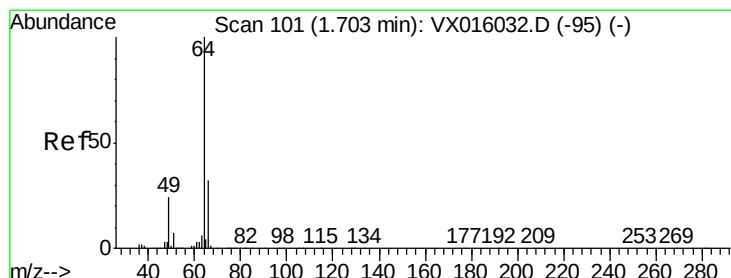
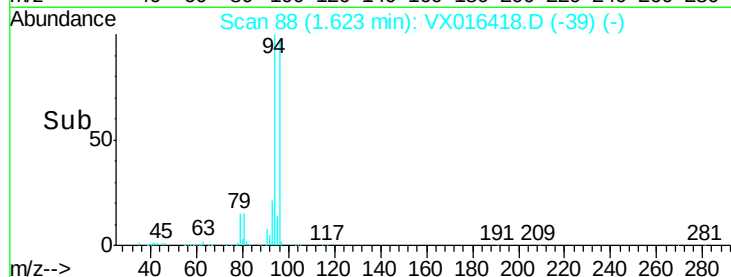
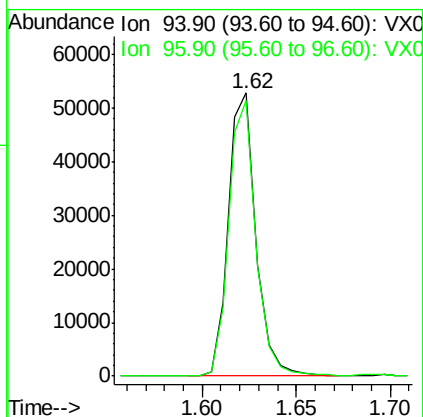
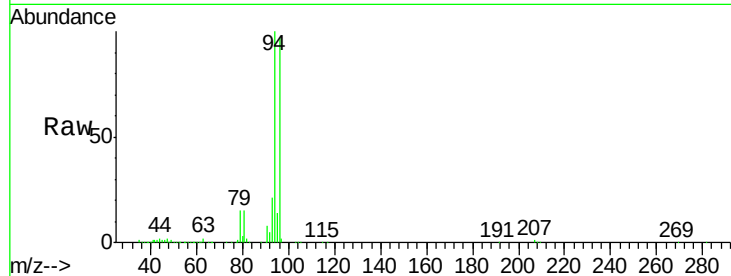
ClientSampleId :

Tot Ion: 94 Resp: 53624

Ion Ratio Lower Upper

94 100

96 97.3 76.9 115.3



#6

Chloroethane

Concen: 46.225 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016418.D

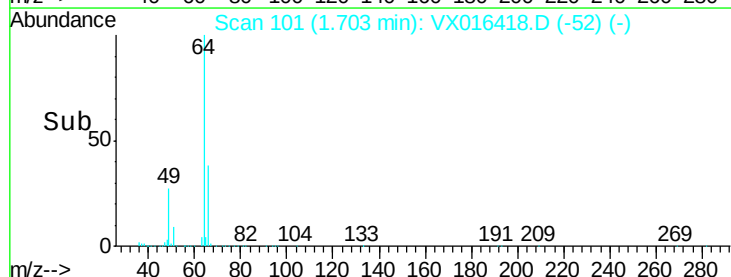
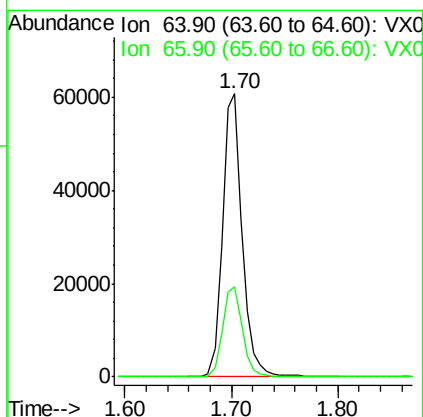
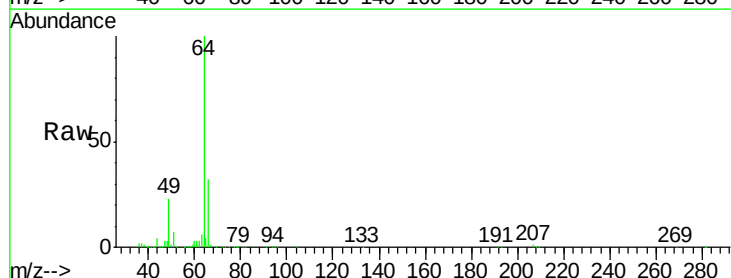
Acq: 22 May 2020 17:30

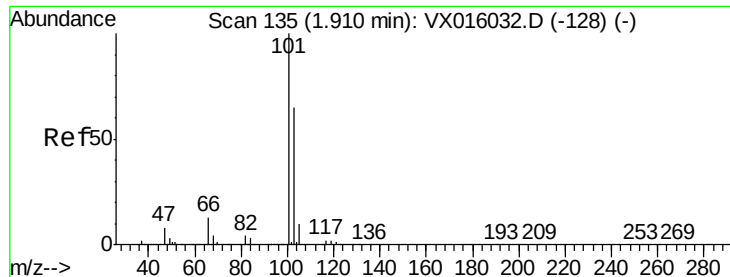
Tgt Ion: 64 Resp: 77828

Ion Ratio Lower Upper

64 100

66 31.7 25.2 37.8



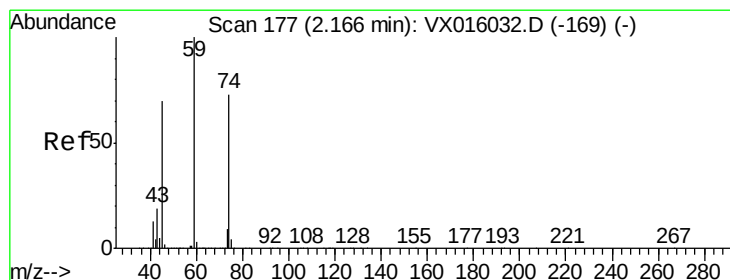
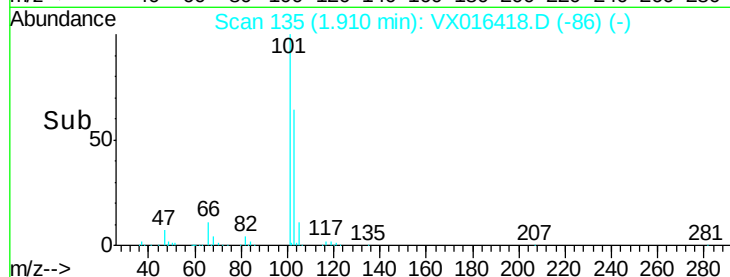
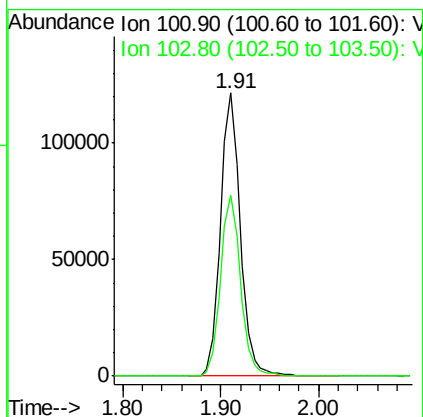
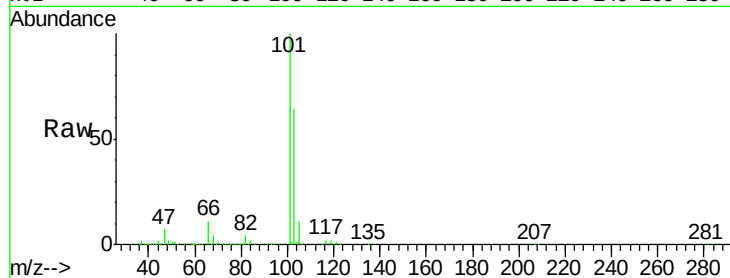


#7

Trichlorofluoromethane
 Concen: 47.073 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.00 min
 Lab File: VX016418.D
 Acq: 22 May 2020 17:30

Instrument :
 MSVOA_X
 ClientSampleId :

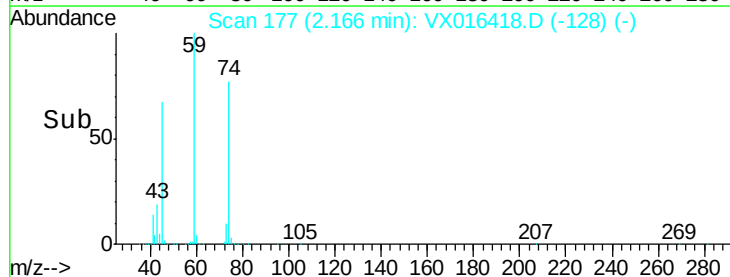
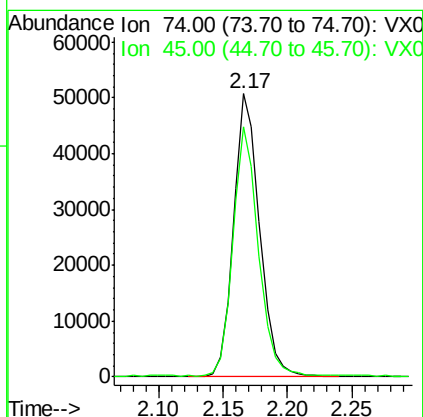
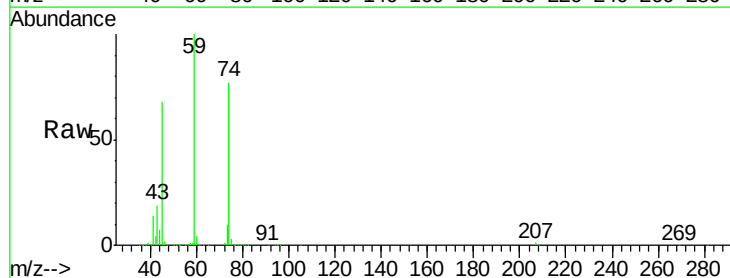
Tot Ion:101 Resp: 171010
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.8 77.6

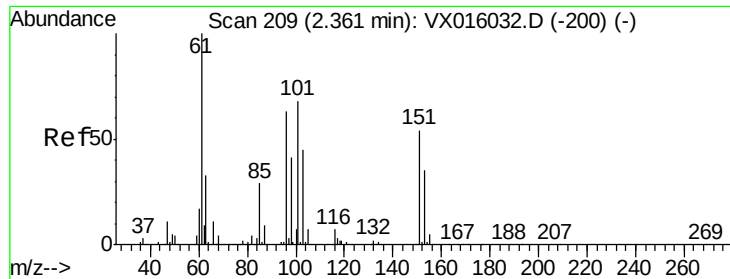


#8

Diethyl Ether
 Concen: 46.652 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016418.D
 Acq: 22 May 2020 17:30

Tgt Ion: 74 Resp: 71409
 Ion Ratio Lower Upper
 74 100
 45 85.8 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.212 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

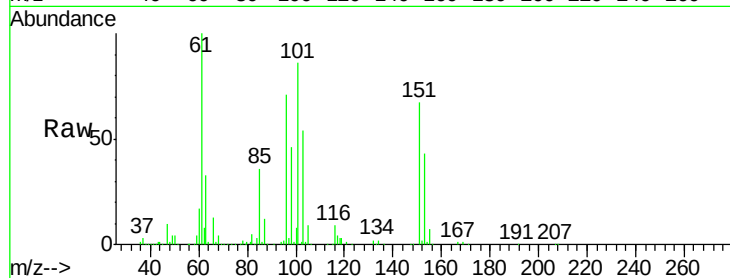
Tot Ion:101 Resp: 94761

Ion Ratio Lower Upper

101 100

85 42.0 34.2 51.4

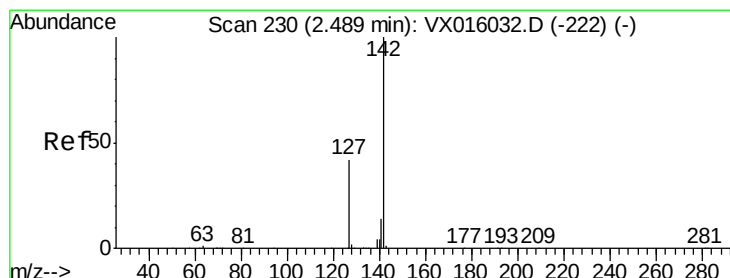
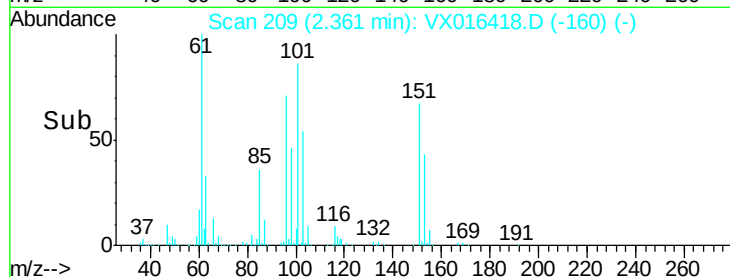
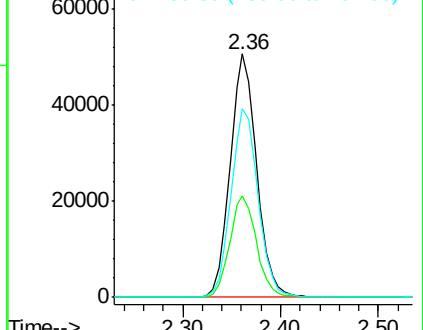
151 79.6 62.1 93.1



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: 35.808 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

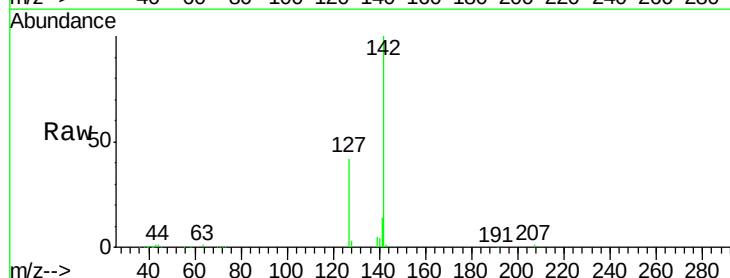
Tgt Ion:142 Resp: 100813

Ion Ratio Lower Upper

142 100

127 42.8 34.6 52.0

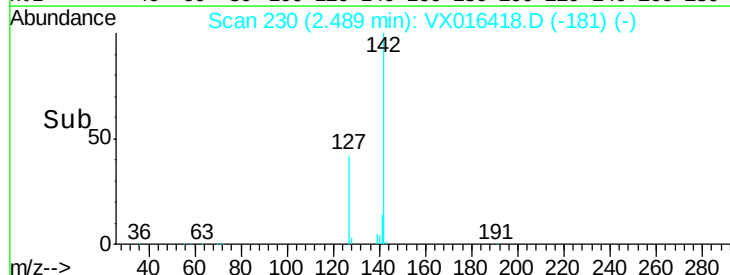
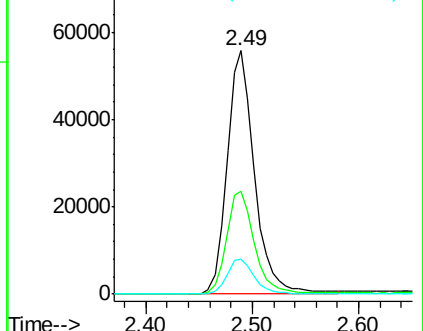
141 14.2 11.3 16.9

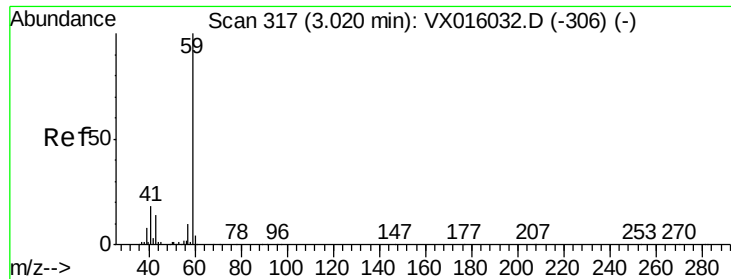


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



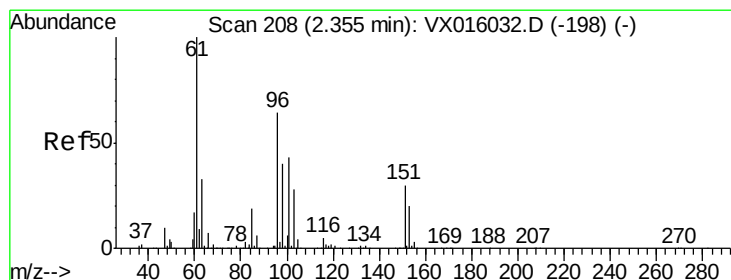
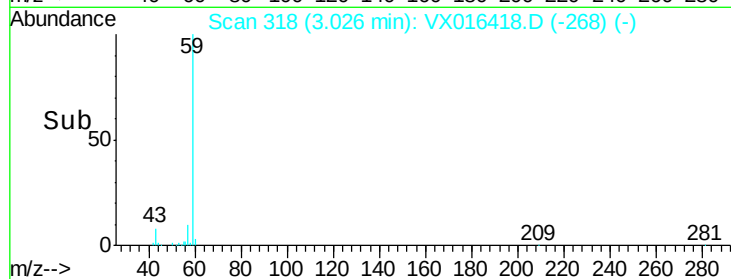
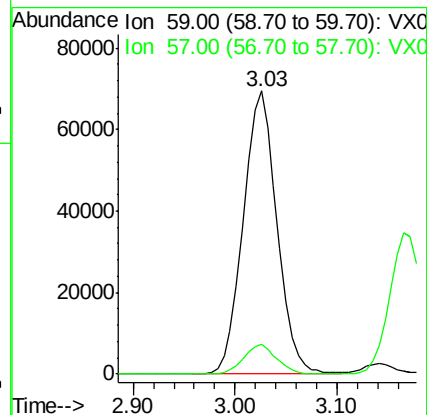
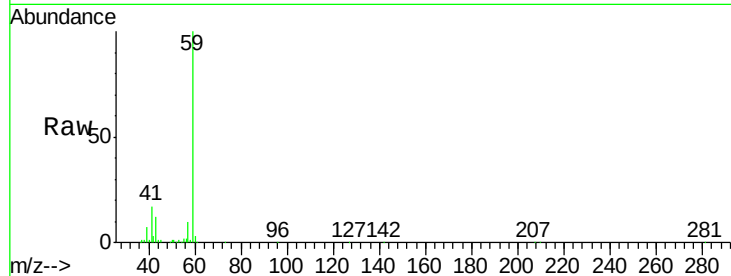


#11

Tert butyl alcohol
Concen: 226.931 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Instrument :
MSVOA_X
ClientSampleId :

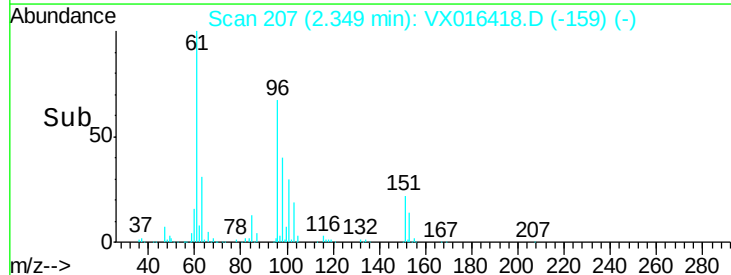
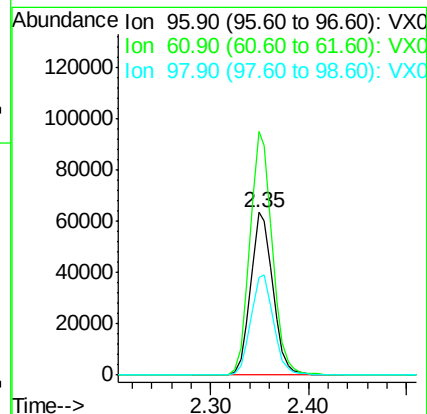
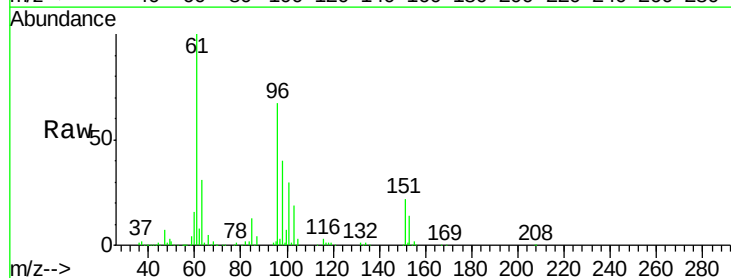
Tot Ion: 59 Resp: 159330
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

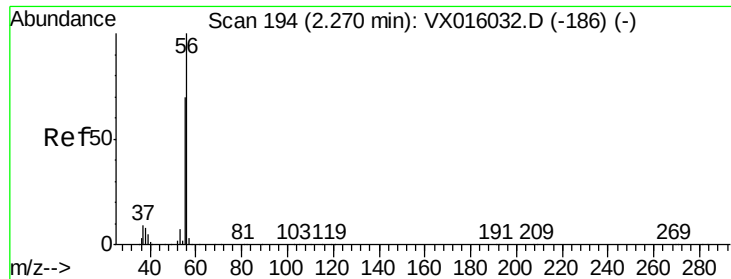


#12

1,1-Dichloroethene
Concen: 45.755 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Tgt Ion: 96 Resp: 100356
Ion Ratio Lower Upper
96 100
61 149.6 124.8 187.2
98 59.9 49.7 74.5

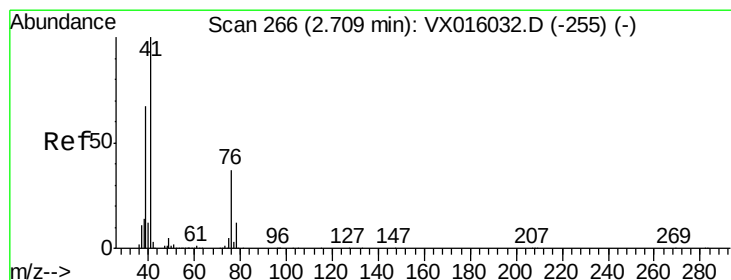
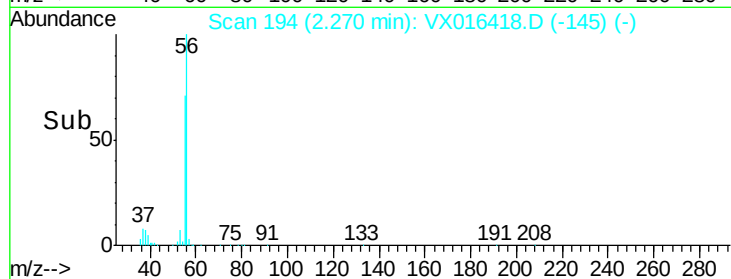
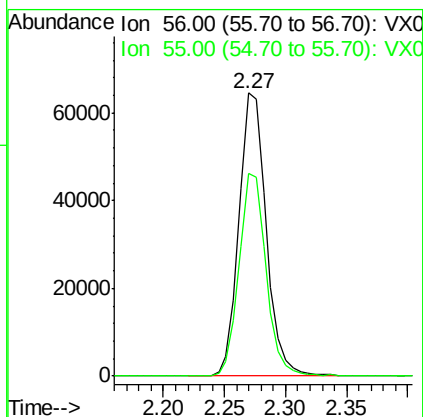
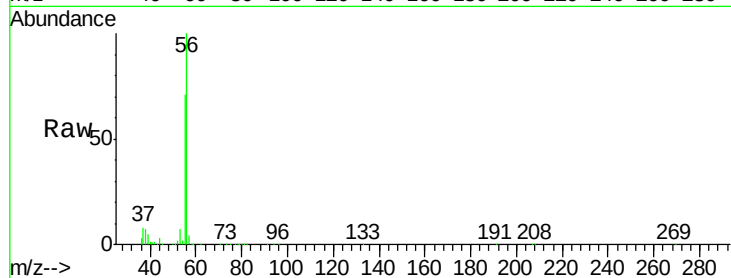




#13
Acrolein
Concen: 226.906 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

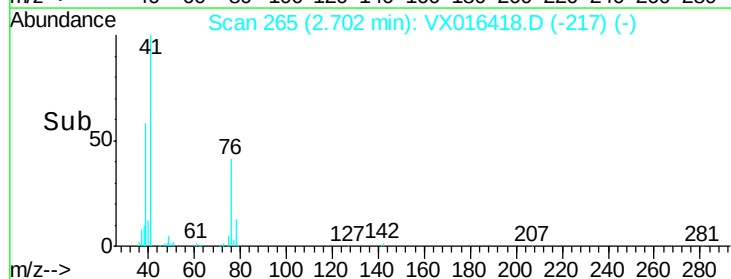
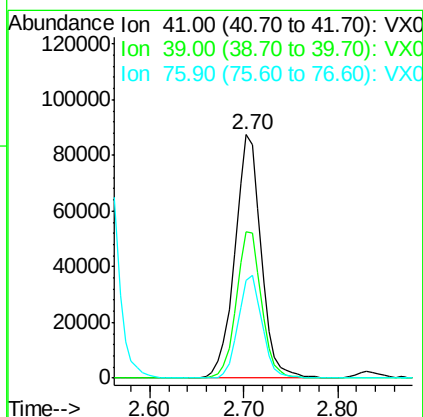
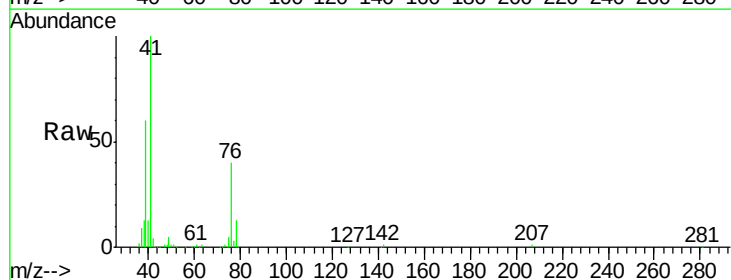
Instrument :
MSVOA_X
ClientSampleId :

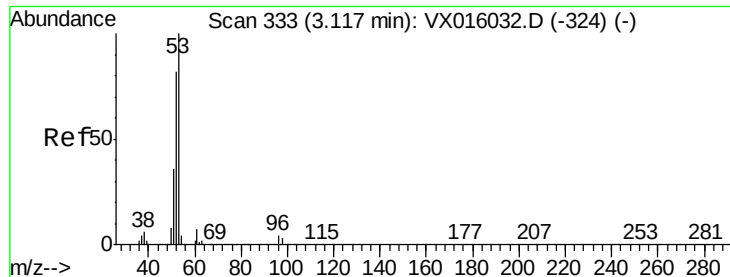
Tot Ion: 56 Resp: 99692
Ion Ratio Lower Upper
56 100
55 71.3 56.5 84.7



#14
Allyl chloride
Concen: 42.170 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Tgt Ion: 41 Resp: 169589
Ion Ratio Lower Upper
41 100
39 57.6 50.5 75.7
76 38.3 26.6 40.0





#15

Acrylonitrile

Concen: 238.535 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

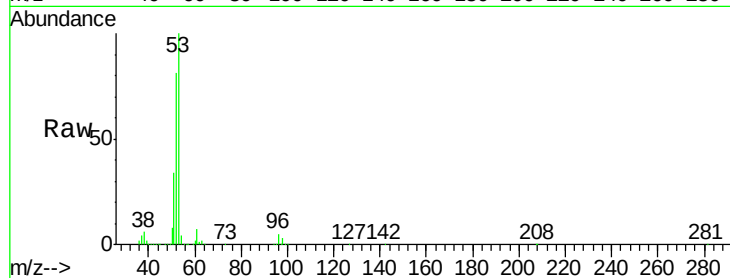
Tot Ion: 53 Resp: 347432

Ion Ratio Lower Upper

53 100

52 80.6 66.1 99.1

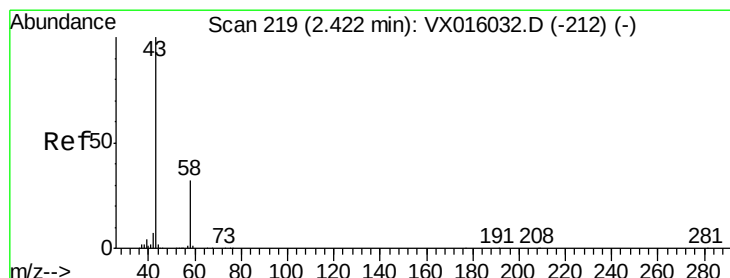
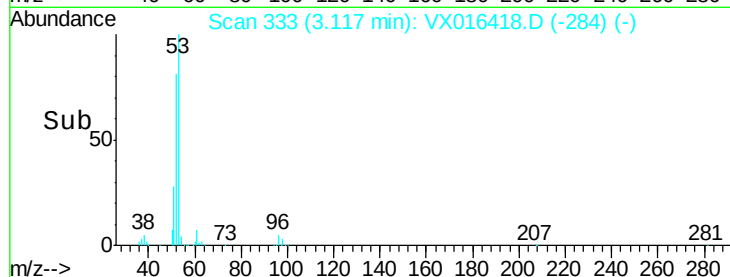
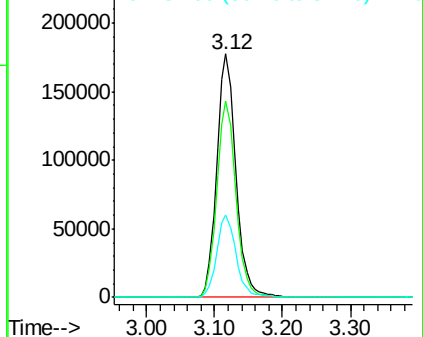
51 34.4 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 210.732 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016418.D

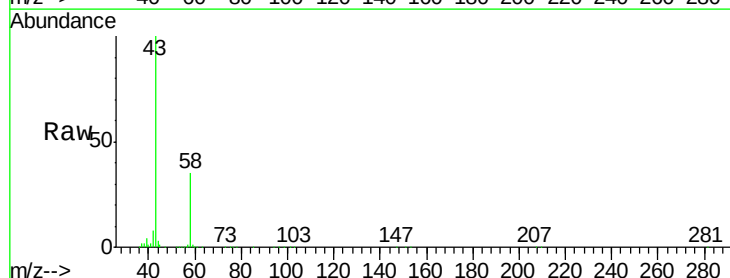
Acq: 22 May 2020 17:30

Tgt Ion: 43 Resp: 261066

Ion Ratio Lower Upper

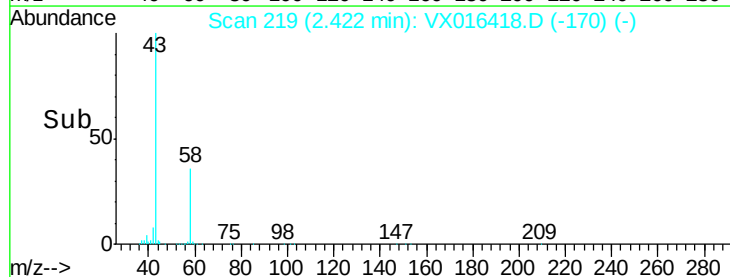
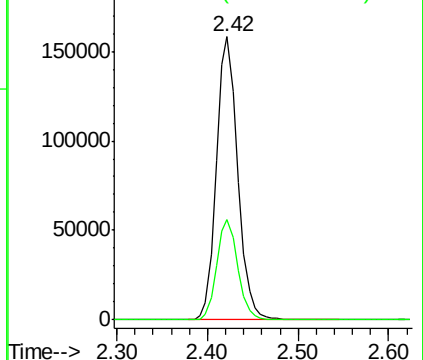
43 100

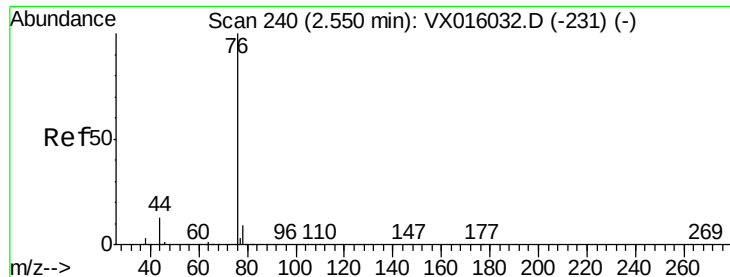
58 35.4 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 42.086 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Instrument :

MSVOA_X

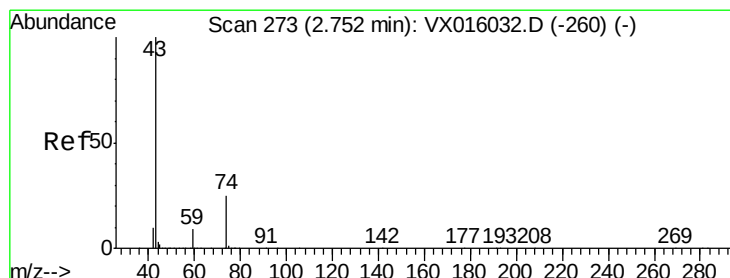
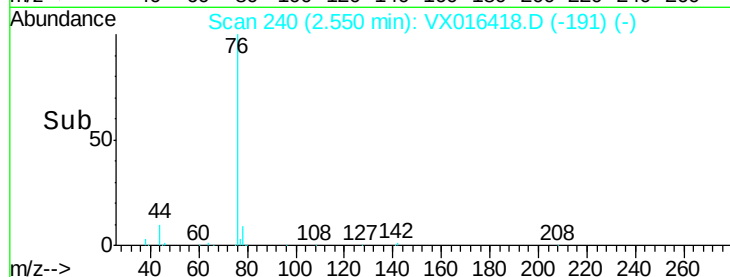
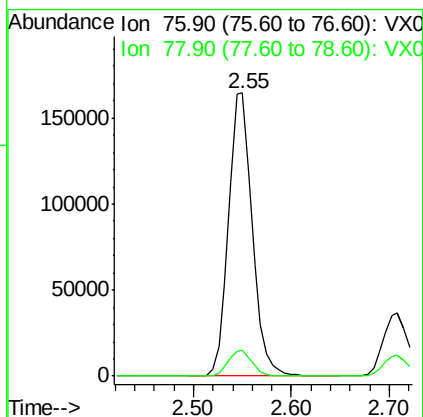
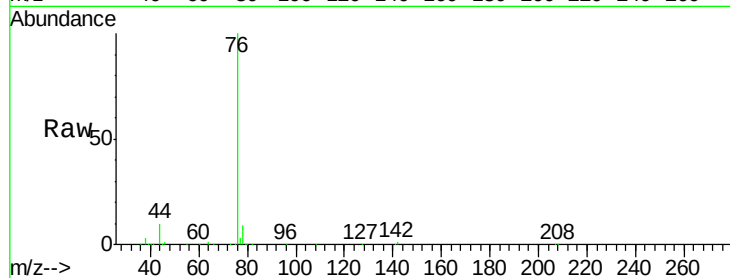
ClientSampleId :

Tot Ion: 76 Resp: 277421

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3



#18

Methyl Acetate

Concen: 45.652 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016418.D

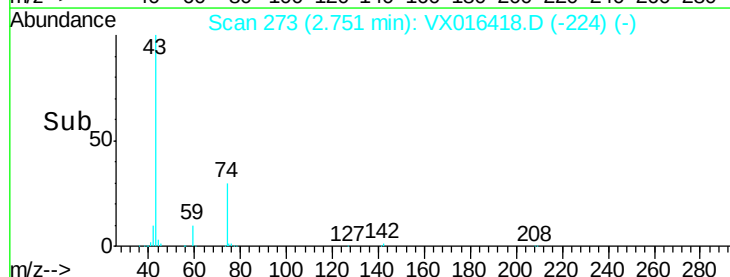
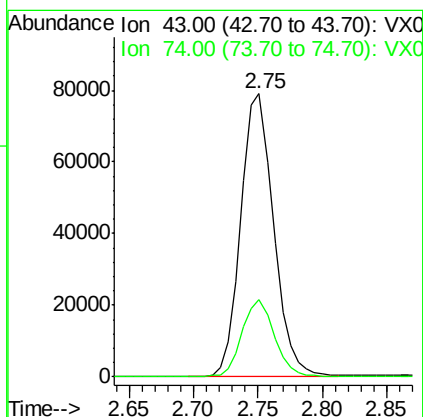
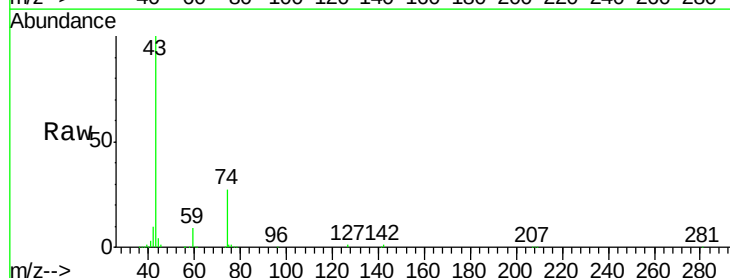
Acq: 22 May 2020 17:30

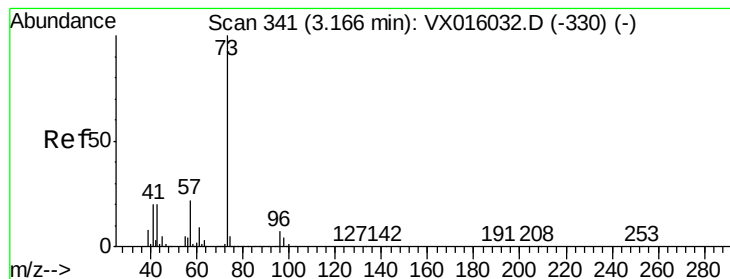
Tgt Ion: 43 Resp: 139058

Ion Ratio Lower Upper

43 100

74 27.7 20.2 30.2



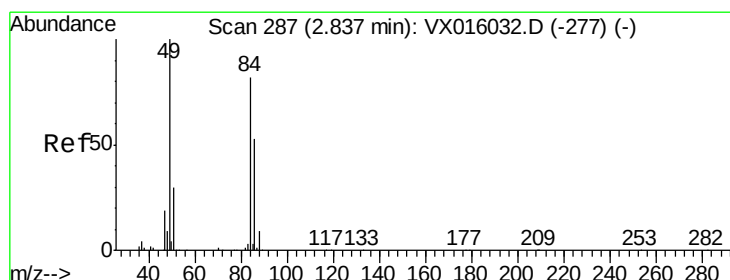
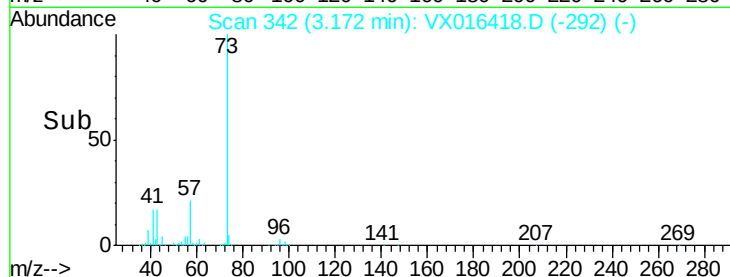
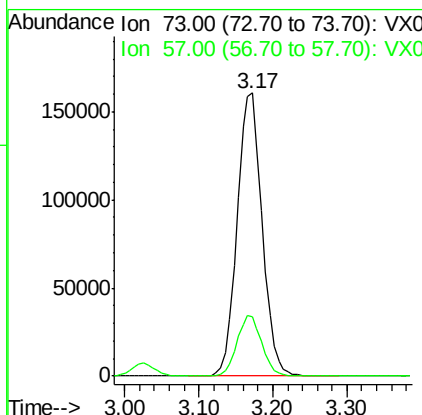
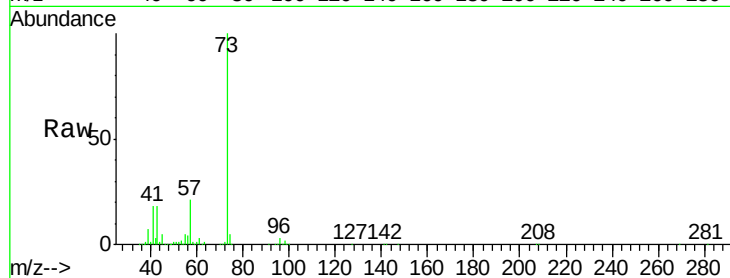


#19

Methyl tert-butyl Ether
 Concen: 49.974 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX016418.D
 Acq: 22 May 2020 17:30

Instrument :
 MSVOA_X
 ClientSampleId :

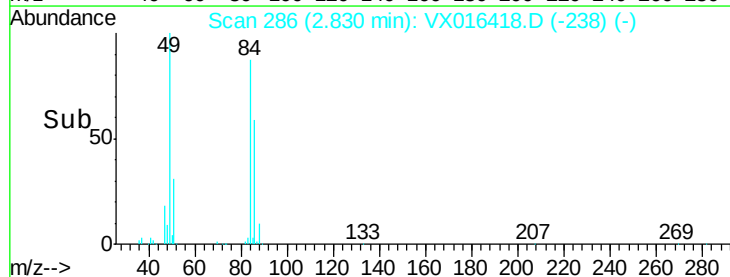
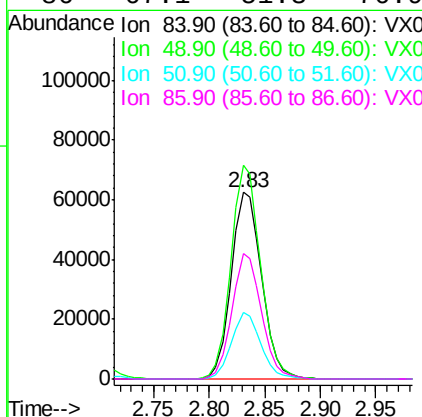
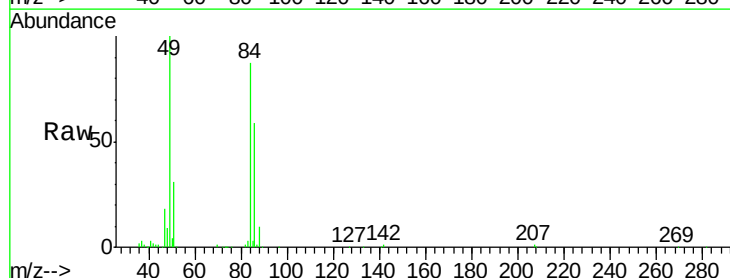
Tot Ion: 73 Resp: 377854
 Ion Ratio Lower Upper
 73 100
 57 21.0 17.8 26.6

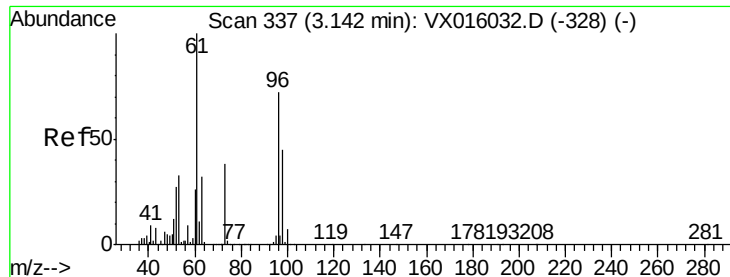


#20

Methylene Chloride
 Concen: 46.437 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016418.D
 Acq: 22 May 2020 17:30

Tgt Ion: 84 Resp: 118593
 Ion Ratio Lower Upper
 84 100
 49 114.3 97.3 145.9
 51 35.4 29.3 43.9
 86 67.1 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 47.561 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

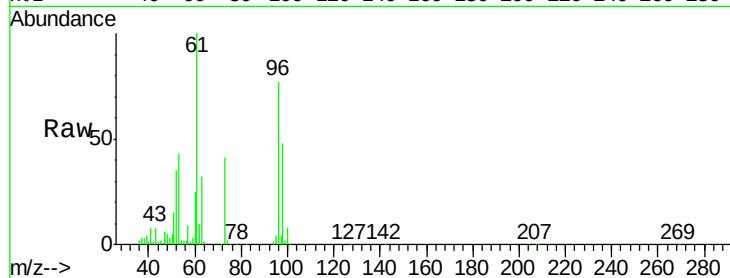
Tot Ion: 96 Resp: 116249

Ion Ratio Lower Upper

96 100

61 129.5 111.2 166.8

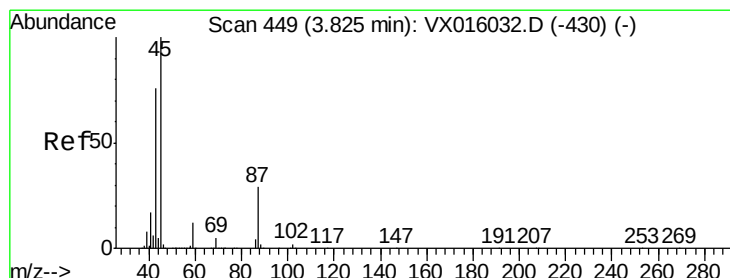
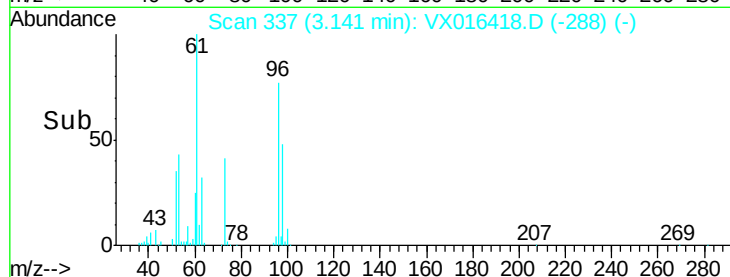
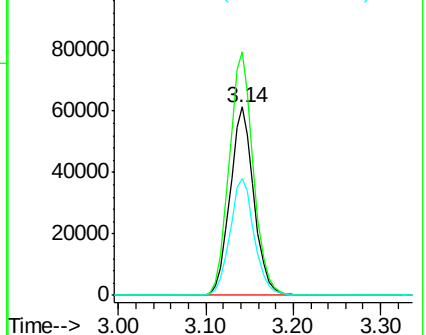
98 62.2 50.2 75.4



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: 44.988 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Tgt Ion: 45 Resp: 341323

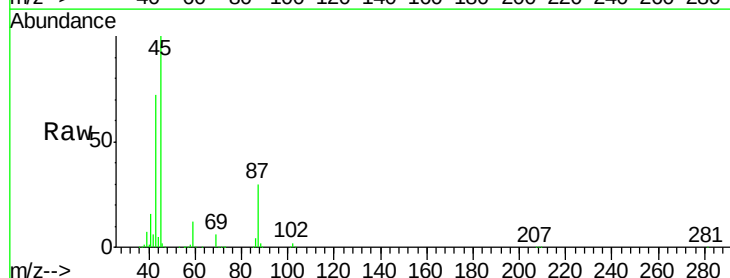
Ion Ratio Lower Upper

45 100

43 72.4 61.1 91.7

87 30.2 23.0 34.6

59 12.4 9.8 14.6

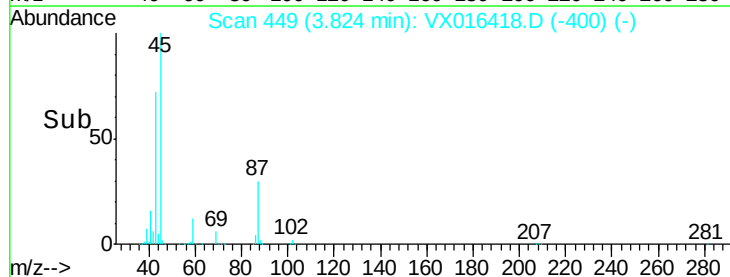
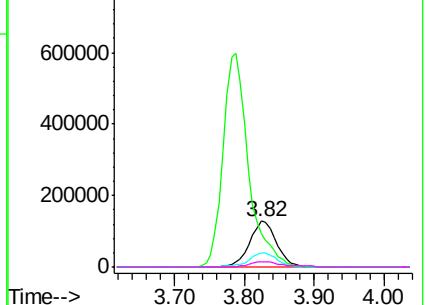


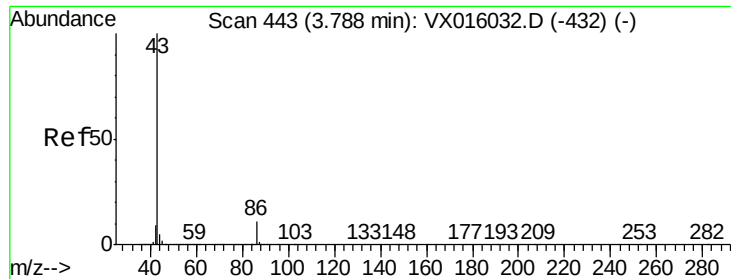
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 227.590 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Instrument :

MSVOA_X

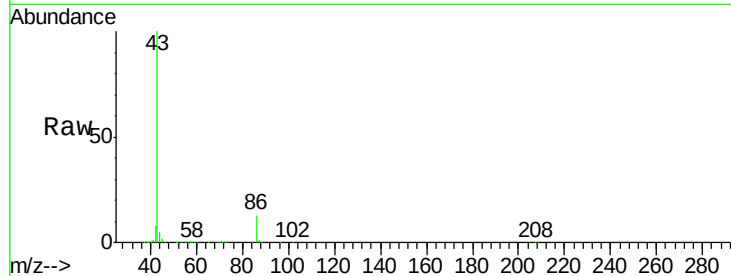
ClientSampleId :

Tot Ion: 43 Resp: 1519142

Ion Ratio Lower Upper

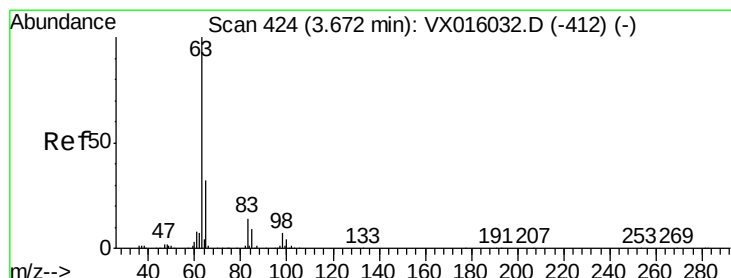
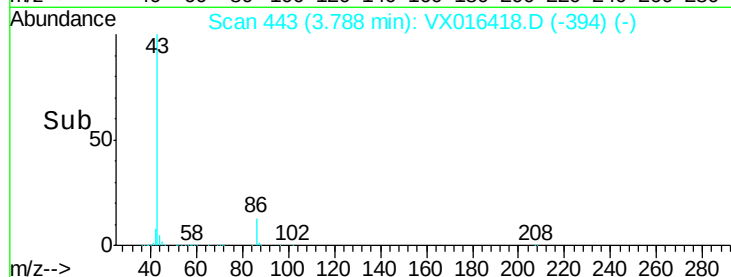
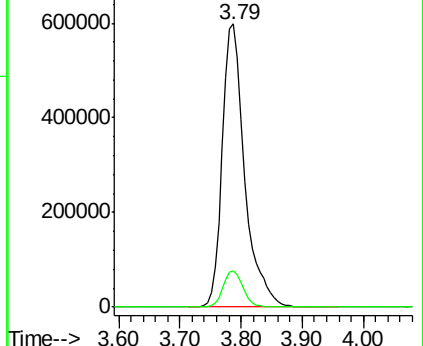
43 100

86 12.7 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.988 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

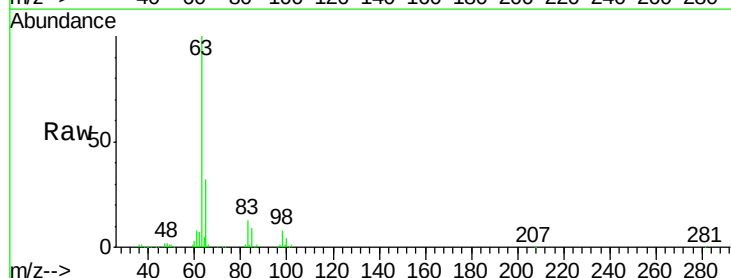
Tgt Ion: 63 Resp: 203668

Ion Ratio Lower Upper

63 100

98 8.4 3.5 10.5

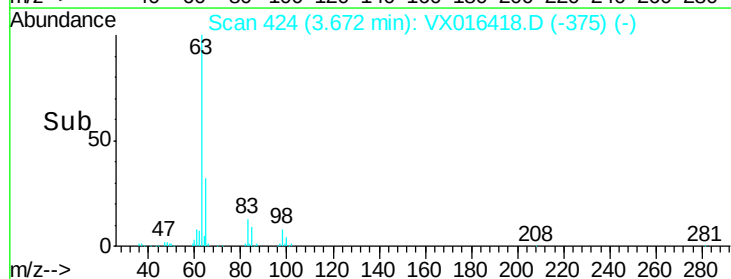
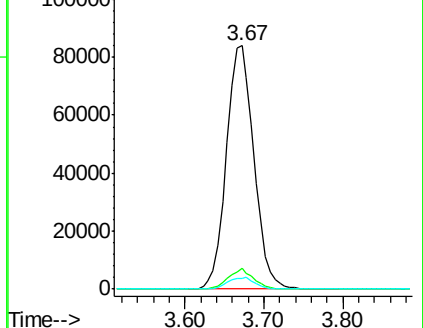
100 4.5 2.1 6.5

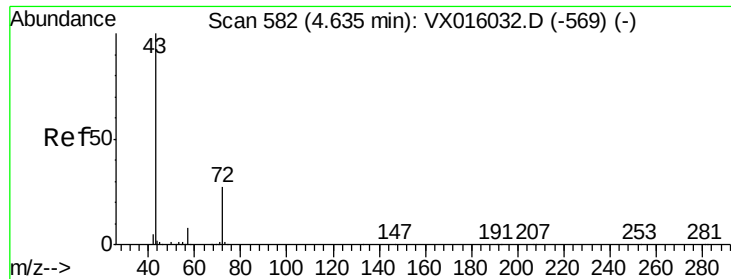


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 230.029 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

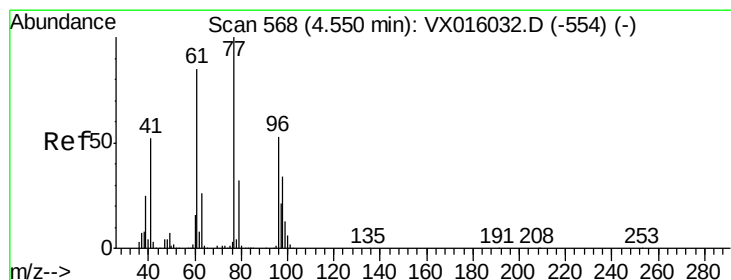
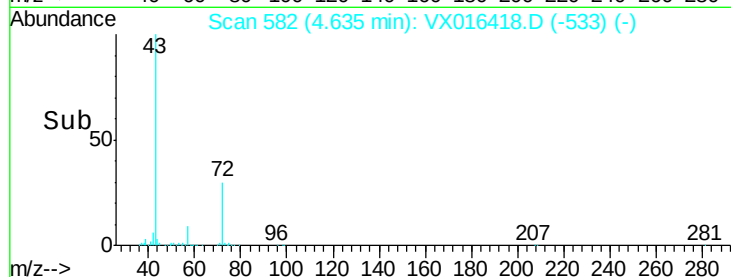
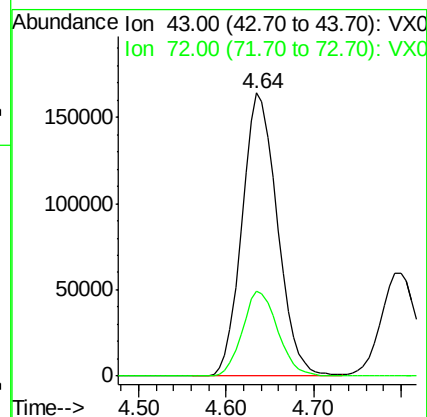
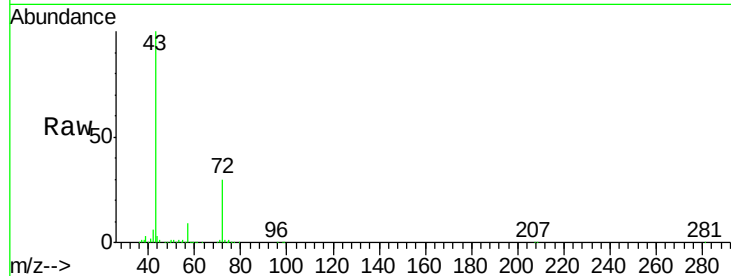
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 459204

Ion Ratio Lower Upper

43 100

72 29.8 21.8 32.8



#26

2,2-Dichloropropane

Concen: 44.457 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX016418.D

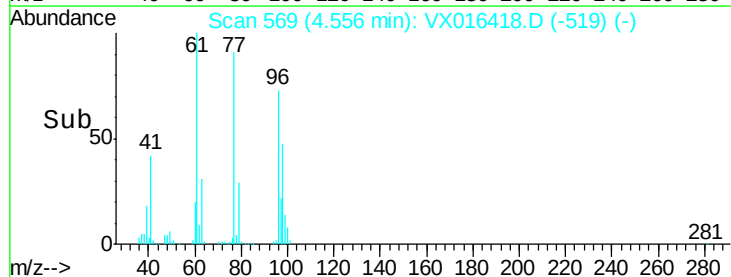
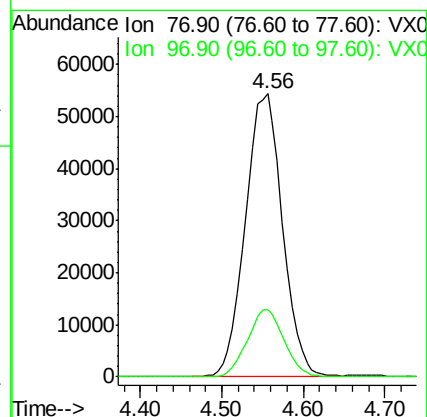
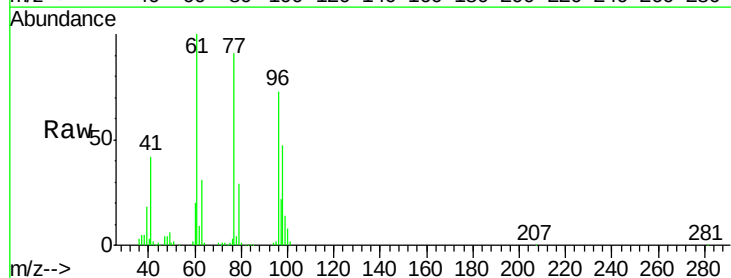
Acq: 22 May 2020 17:30

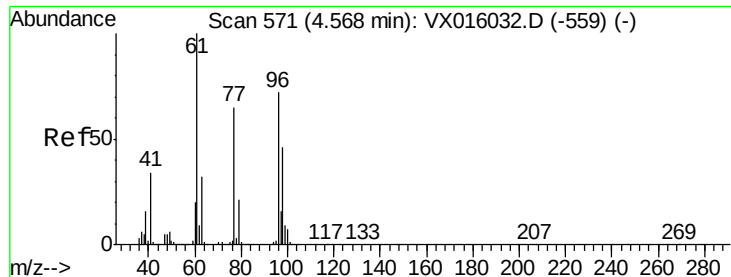
Tgt Ion: 77 Resp: 172314

Ion Ratio Lower Upper

77 100

97 23.6 11.2 33.6



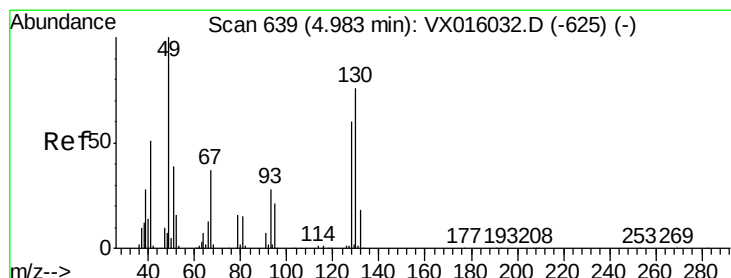
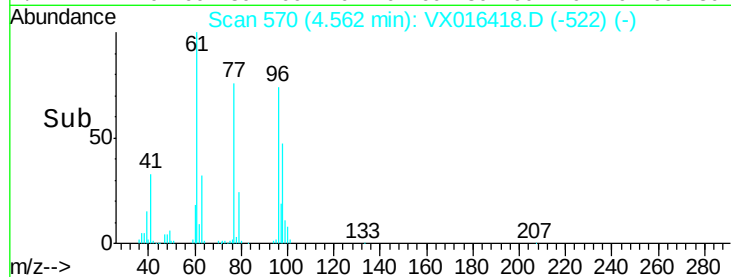
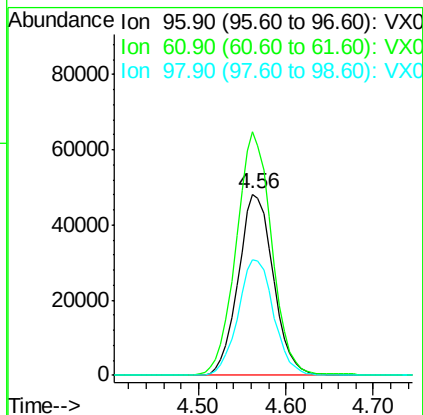
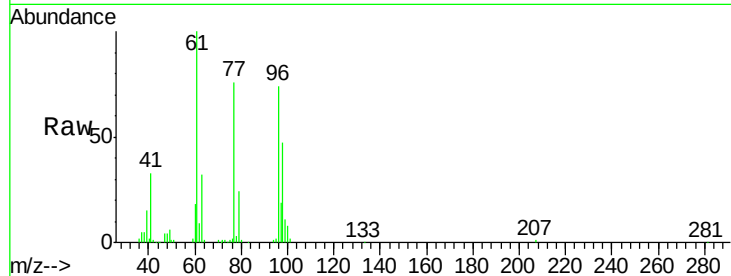


#27

cis-1,2-Dichloroethene
Concen: 50.117 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Instrument :
MSVOA_X
ClientSampleId :

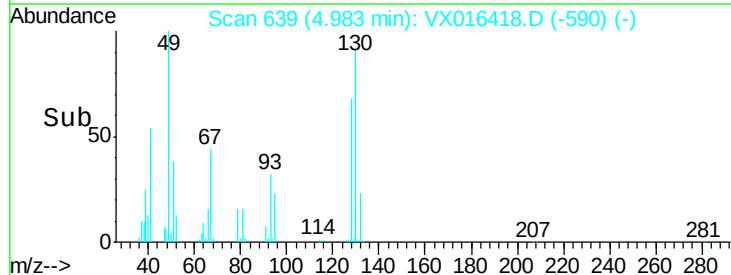
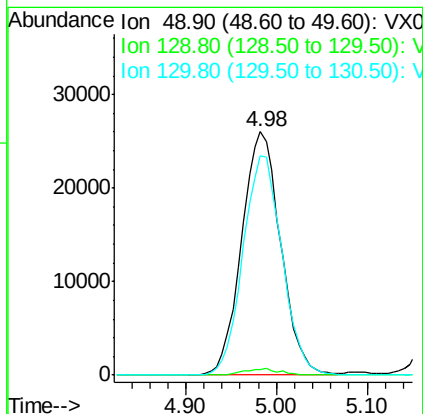
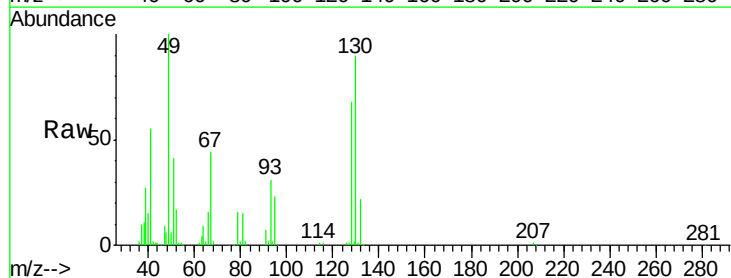
Tot Ion	Ratio	Lower	Upper
96	100		
61	136.4	0.0	296.2
98	64.6	0.0	129.4

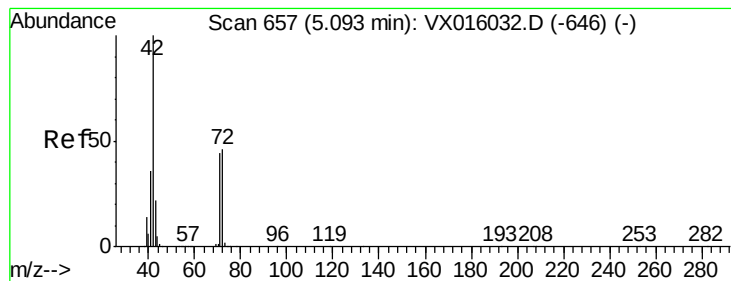


#28

Bromochloromethane
Concen: 40.103 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.0
130	90.2	62.4	93.6





#29

Tetrahydrofuran

Concen: 226.509 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

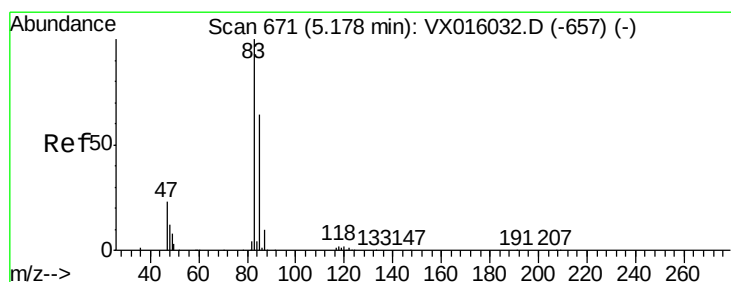
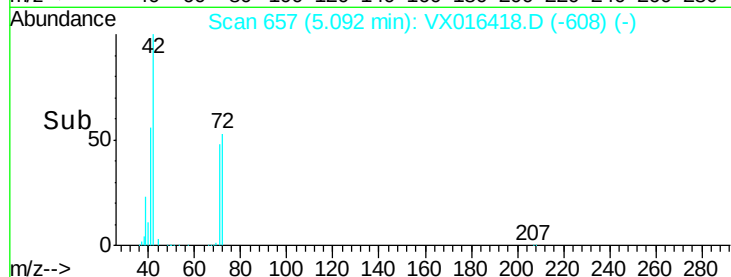
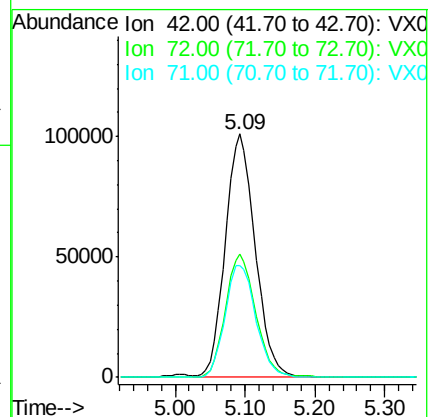
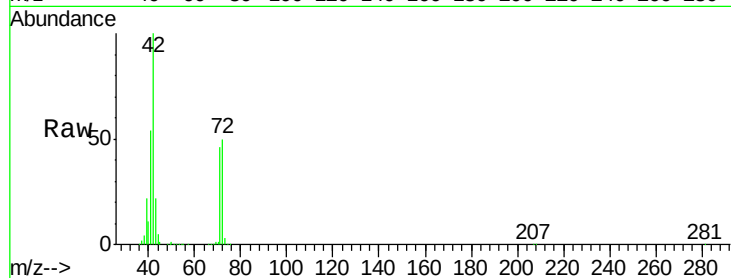
Tot Ion: 42 Resp: 299614

Ion Ratio Lower Upper

42 100

72 51.4 37.1 55.7

71 47.7 34.5 51.7



#30

Chloroform

Concen: 50.080 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016418.D

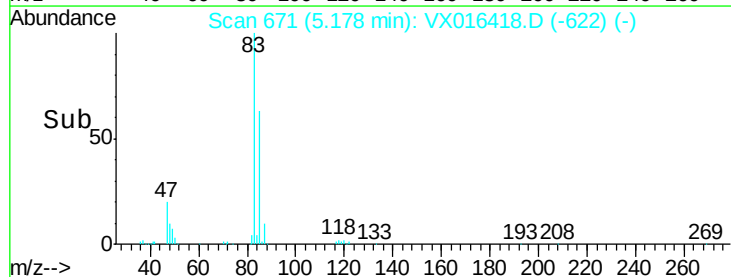
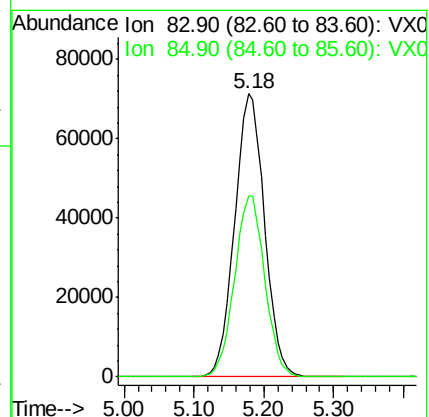
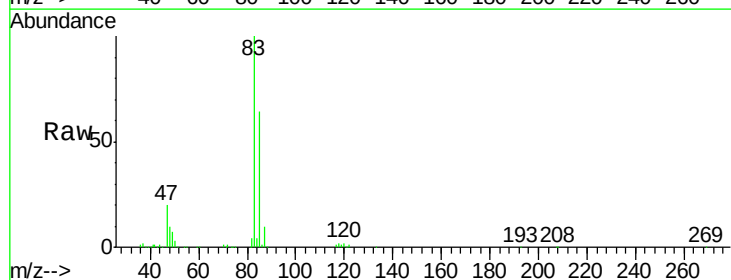
Acq: 22 May 2020 17:30

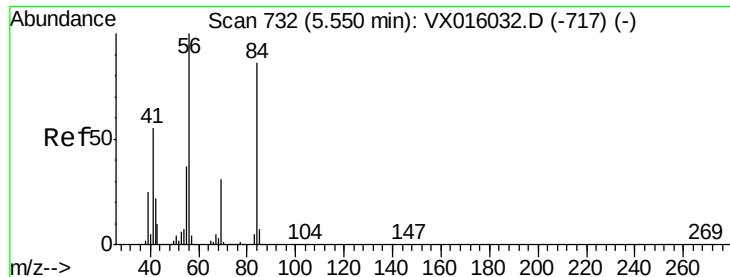
Tgt Ion: 83 Resp: 211627

Ion Ratio Lower Upper

83 100

85 63.9 51.6 77.4

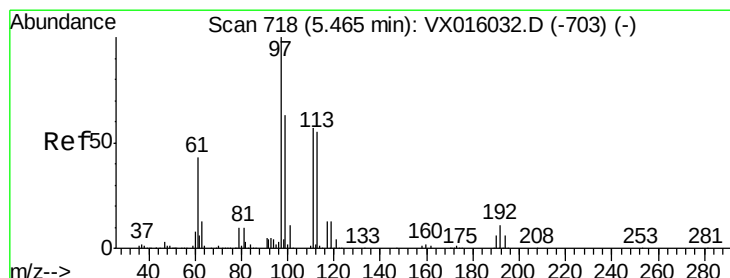
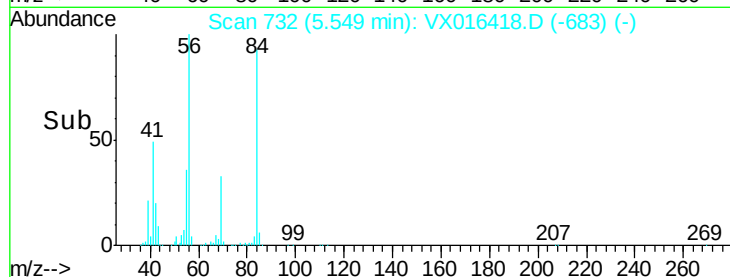
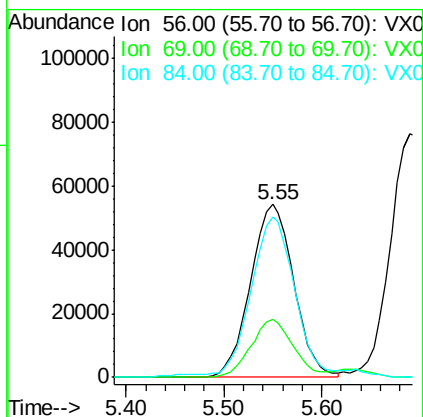
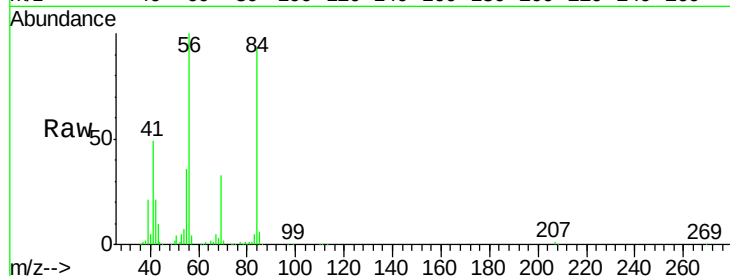




#31
Cyclohexane
Concen: 43.295 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

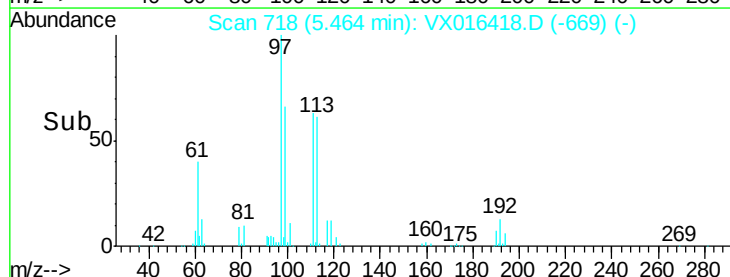
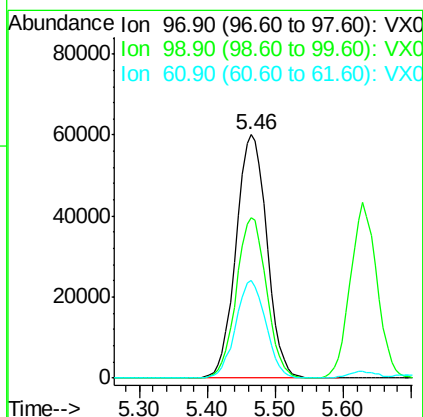
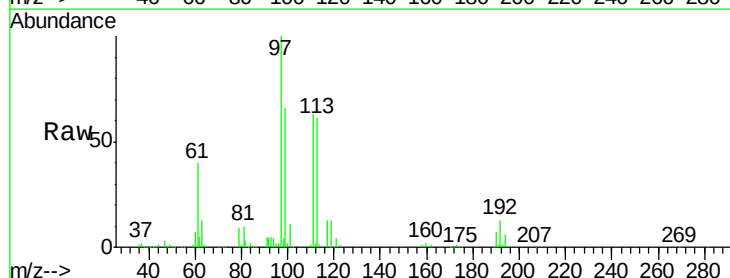
Instrument :
MSVOA_X
ClientSampleId :

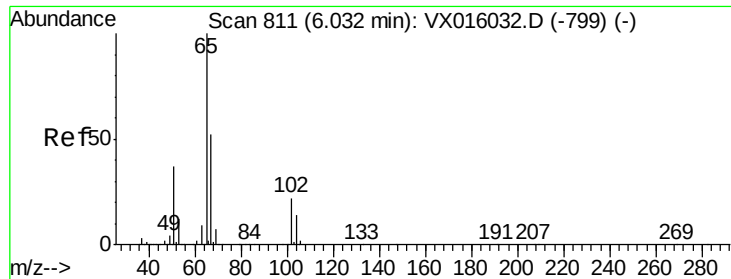
Tot Ion: 56 Resp: 166995
Ion Ratio Lower Upper
56 100
69 33.5 25.0 37.6
84 90.8 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 49.292 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Tgt Ion: 97 Resp: 189336
Ion Ratio Lower Upper
97 100
99 64.5 51.0 76.4
61 39.3 34.5 51.7

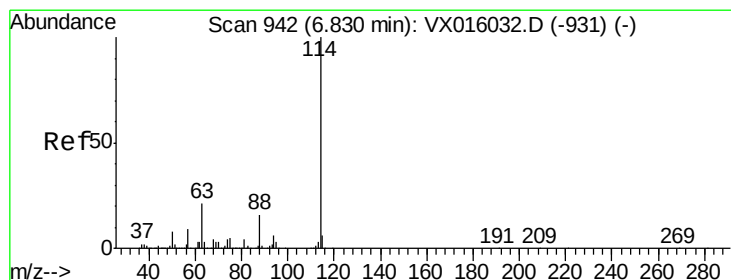
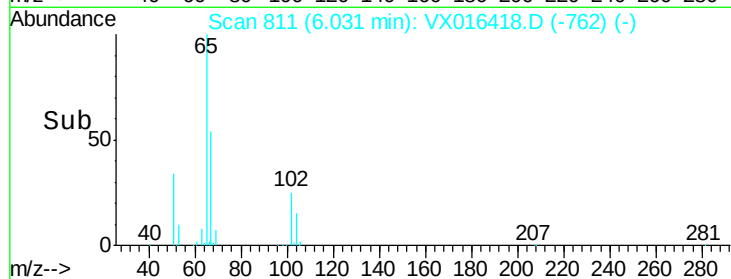
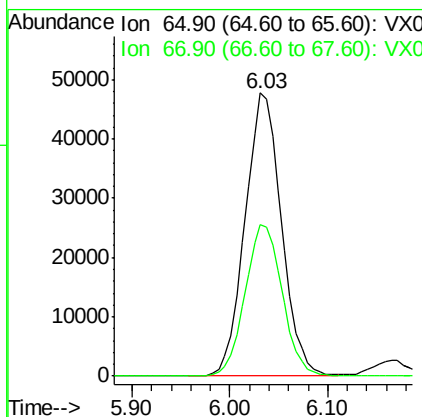
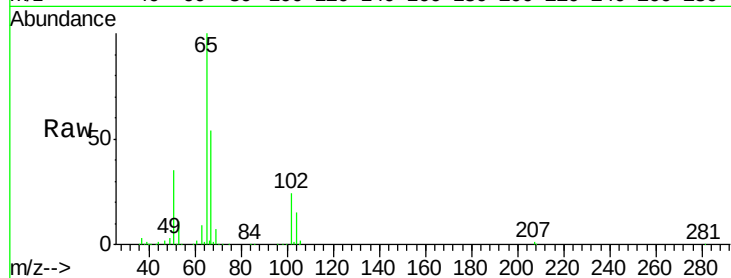




#33
 1,2-Dichloroethane-d4
 Concen: 44.583 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016418.D
 Acq: 22 May 2020 17:30

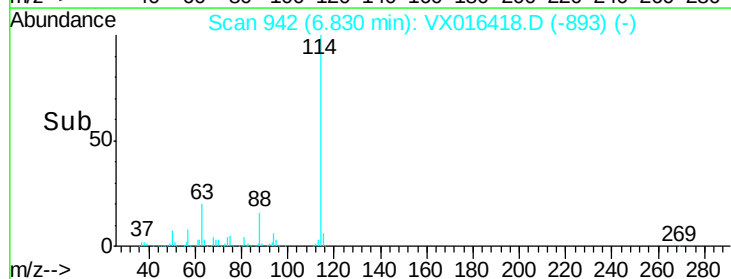
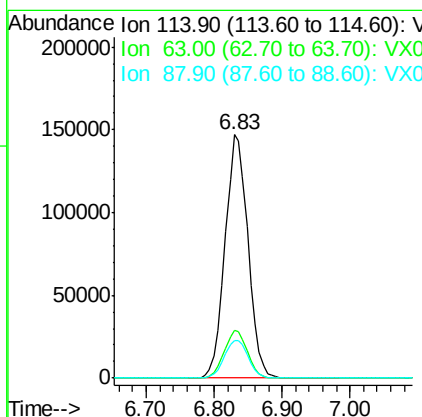
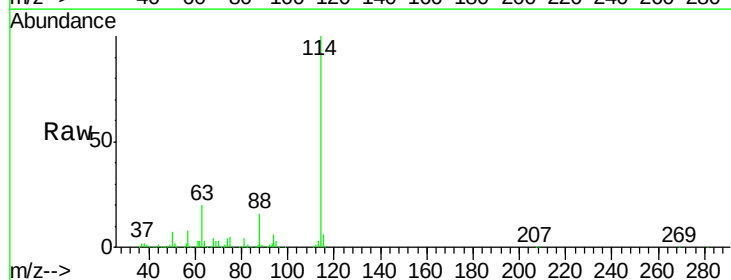
Instrument :
 MSVOA_X
 ClientSampled :

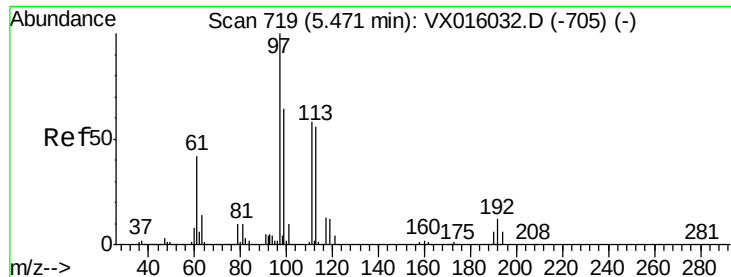
Tot Ion: 65 Resp: 123786
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016418.D
 Acq: 22 May 2020 17:30

Tgt Ion: 114 Resp: 342448
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.8
 88 15.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.204 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

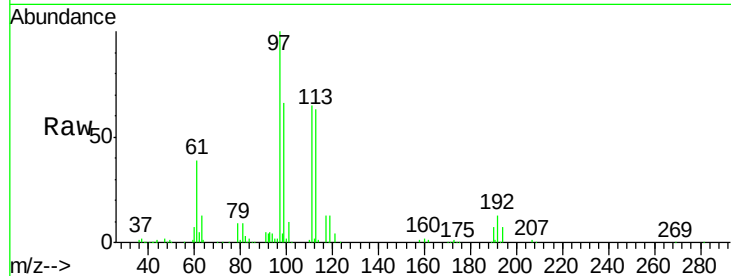
Tot Ion:113 Resp: 106751

Ion Ratio Lower Upper

113 100

111 102.0 81.6 122.4

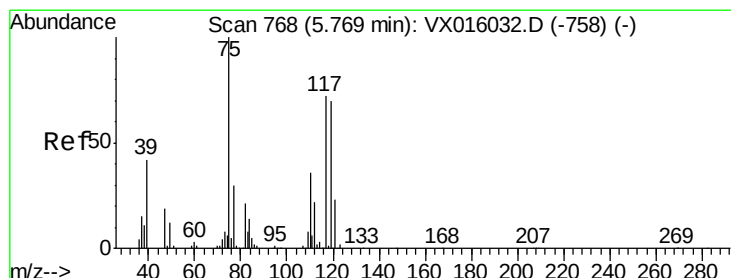
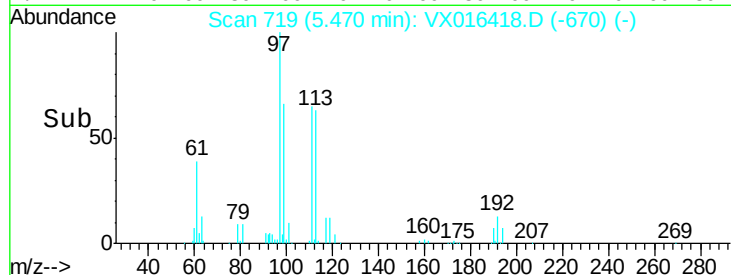
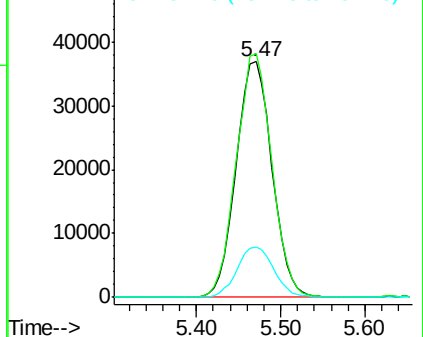
192 21.7 17.0 25.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 45.869 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

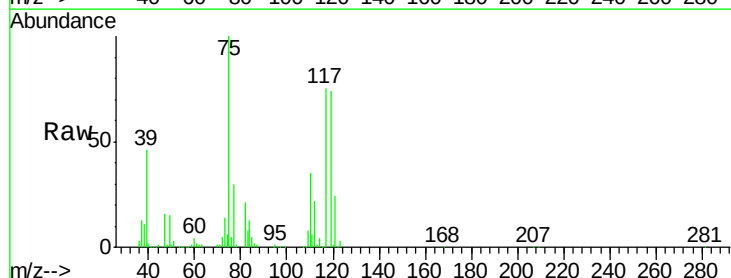
Tgt Ion: 75 Resp: 154622

Ion Ratio Lower Upper

75 100

110 36.7 18.1 54.1

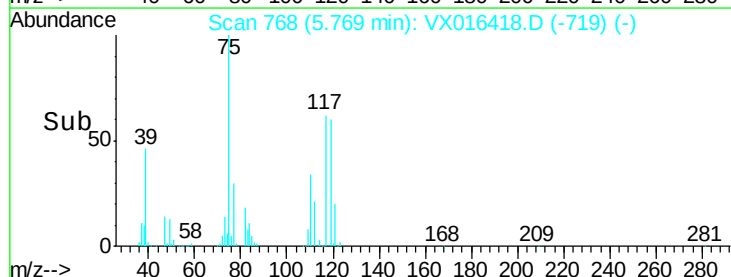
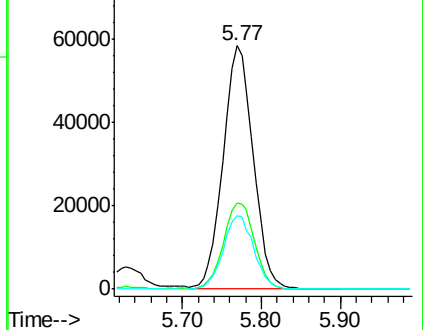
77 30.8 25.0 37.6

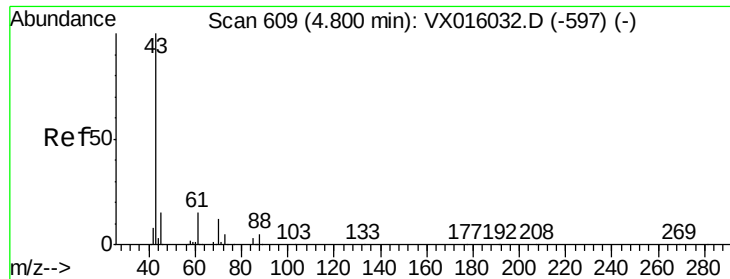


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

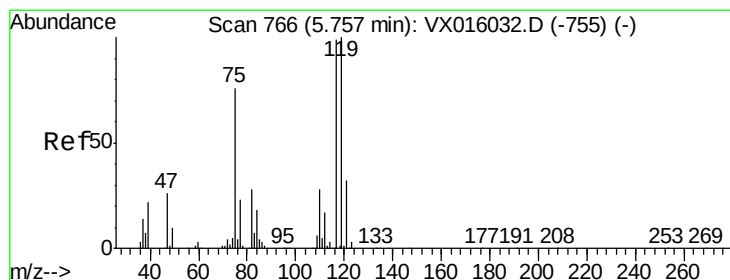
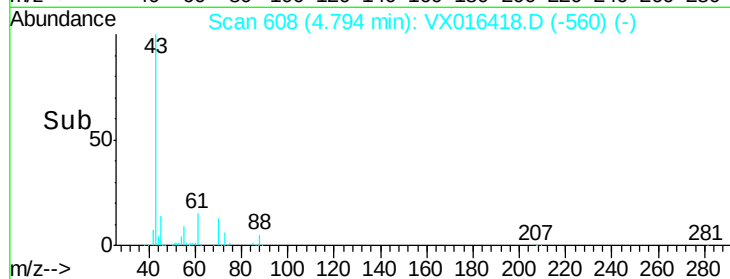
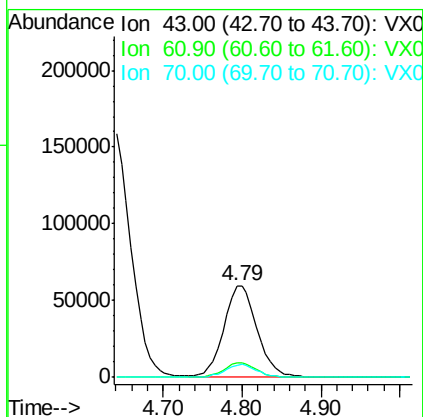
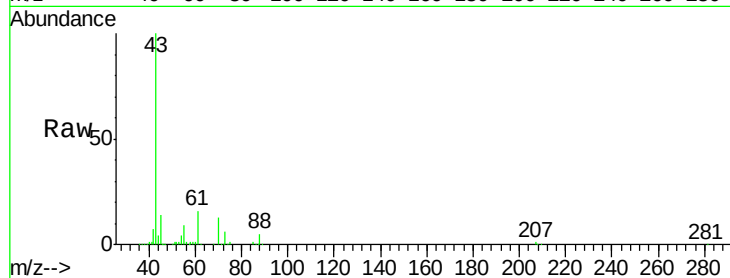




#37
Ethyl Acetate
Concen: 44.425 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

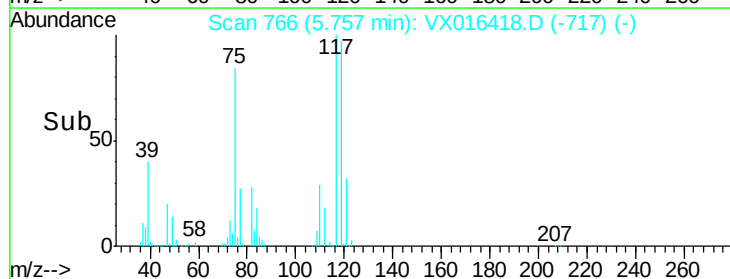
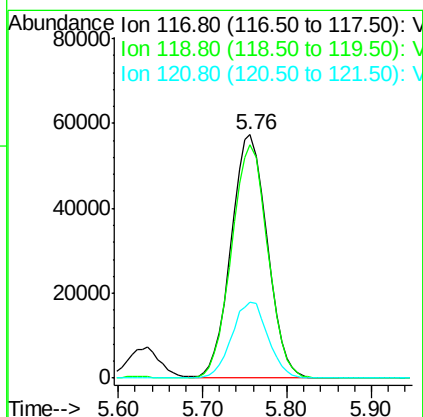
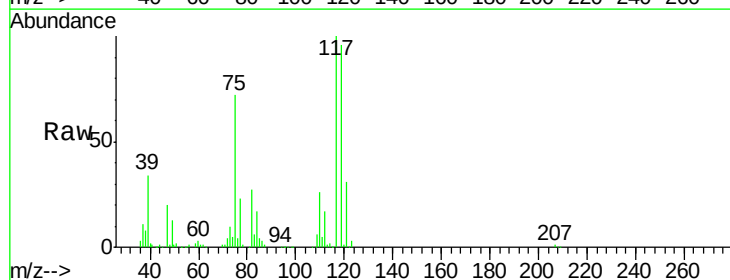
Instrument :
MSVOA_X
ClientSampleId :

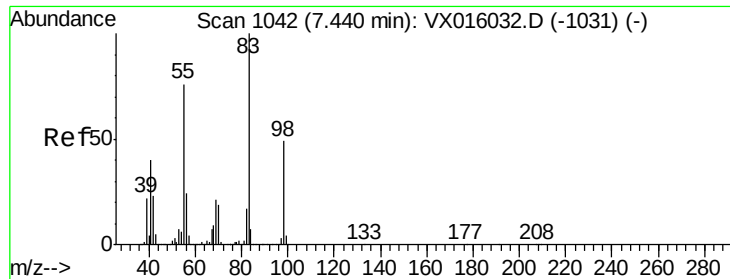
Tot Ion: 43 Resp: 173570
Ion Ratio Lower Upper
43 100
61 15.6 11.7 17.5
70 13.5 9.3 13.9



#38
Carbon Tetrachloride
Concen: 48.761 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Tgt Ion: 117 Resp: 167070
Ion Ratio Lower Upper
117 100
119 95.9 80.3 120.5
121 31.3 25.7 38.5

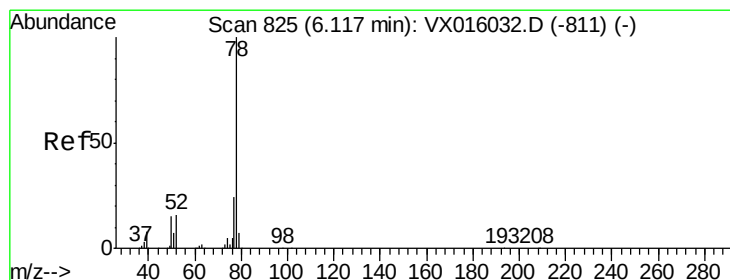
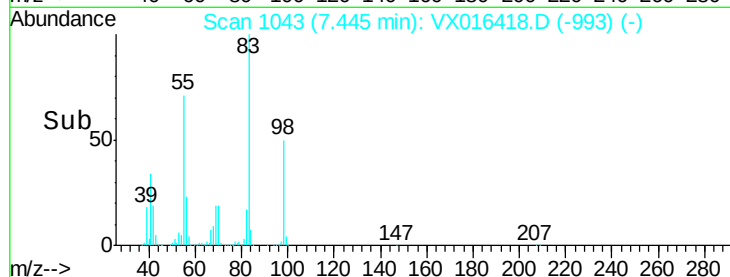
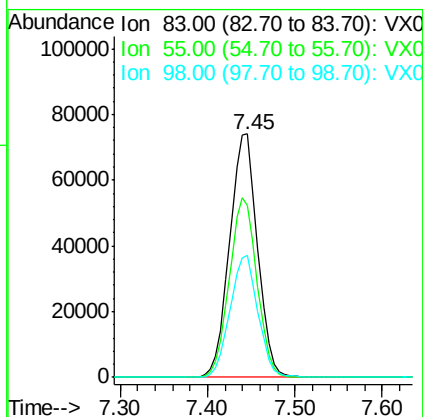
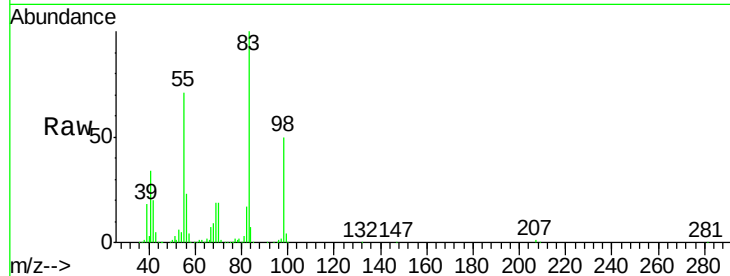




#39
Methylvlcyclohexane
Concen: 40.479 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

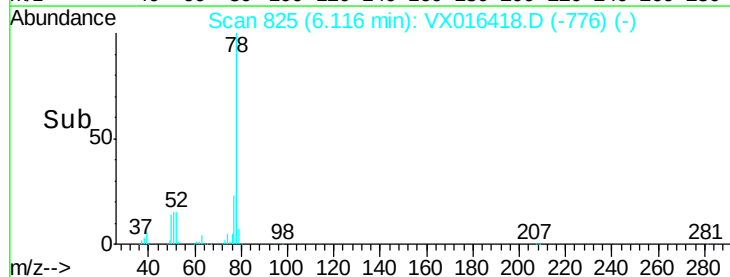
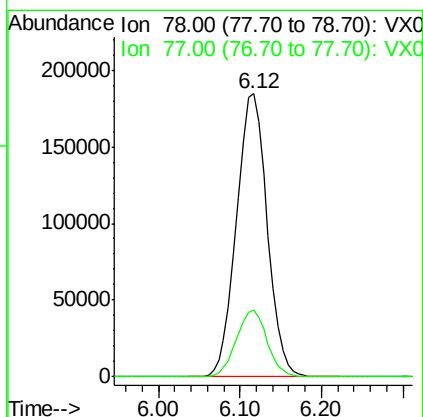
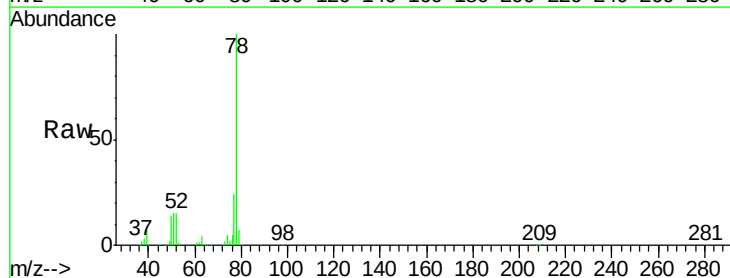
Instrument :
MSVOA_X
ClientSampled :

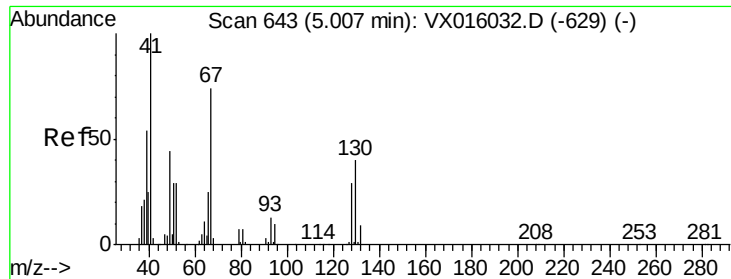
Tot Ion: 83 Resp: 164325
Ion Ratio Lower Upper
83 100
55 70.5 61.1 91.7
98 50.3 39.0 58.4



#40
Benzene
Concen: 48.974 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Tgt Ion: 78 Resp: 483036
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4

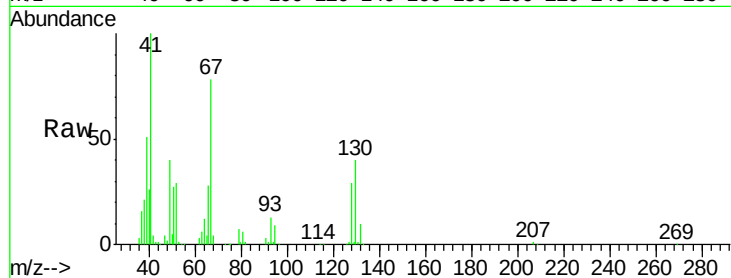




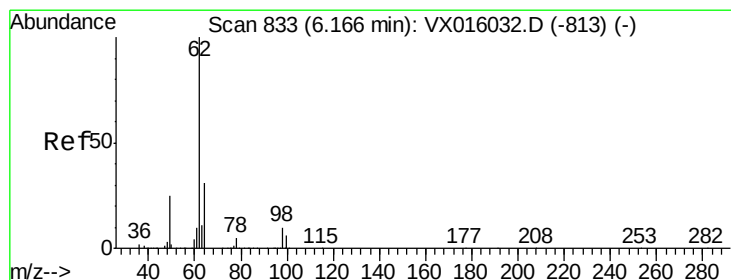
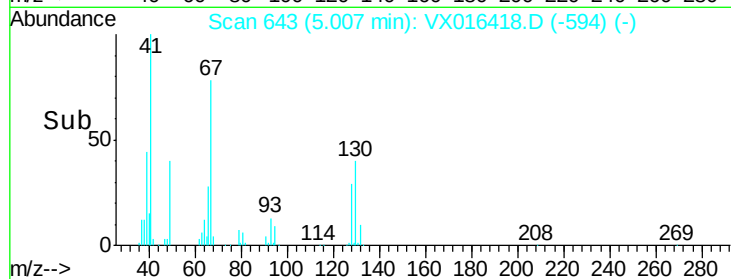
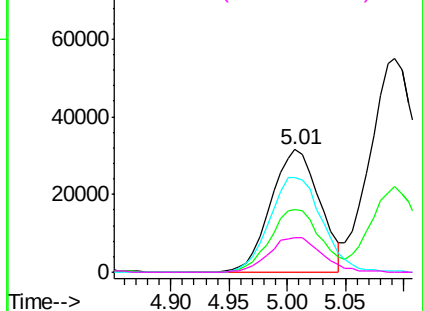
#41
Methacrylonitrile
Concen: 43.446 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	91669
Ion	Ratio	Lower	Upper
41	100		
39	53.6	43.2	64.8
67	83.7	59.3	88.9
52	30.6	23.5	35.3

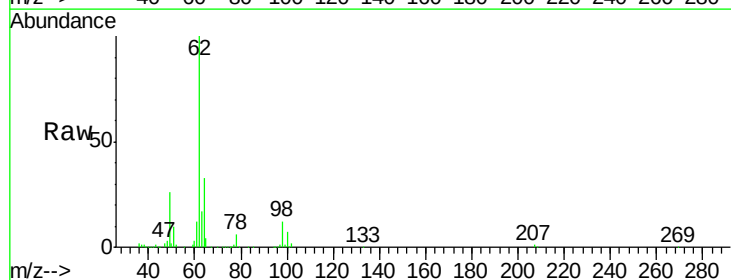


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

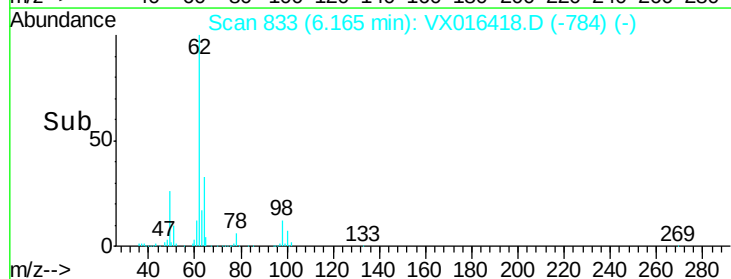
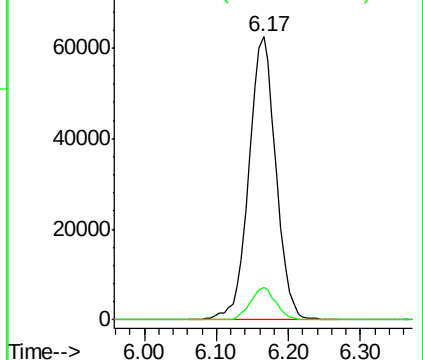


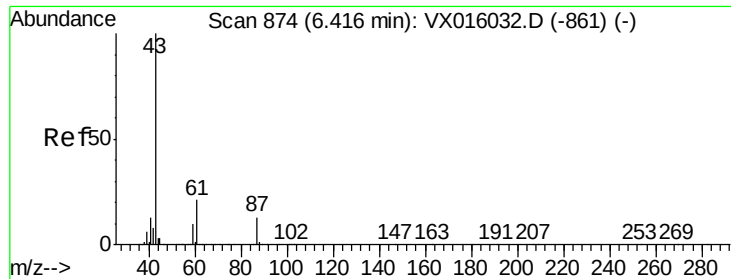
#42
1,2-Dichloroethane
Concen: 45.832 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Tgt Ion:	62	Resp:	162841
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	19.4



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





#43

Isopropyl Acetate

Concen: 44.219 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Instrument :

MSVOA_X

ClientSampled :

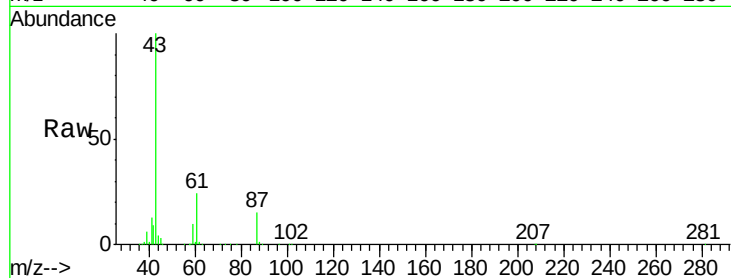
Tot Ion: 43 Resp: 275652

Ion Ratio Lower Upper

43 100

61 23.3 17.0 25.4

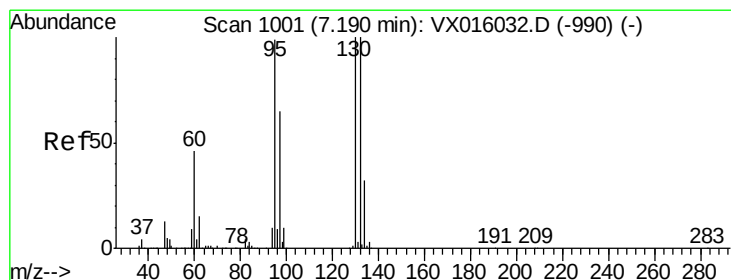
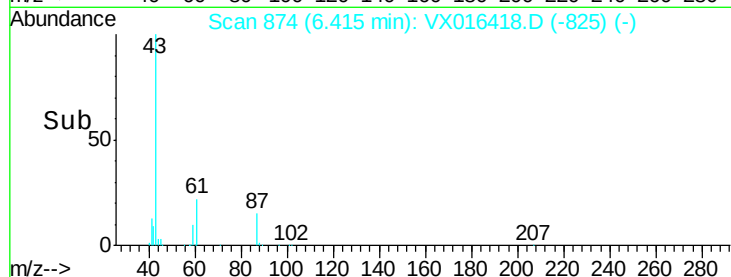
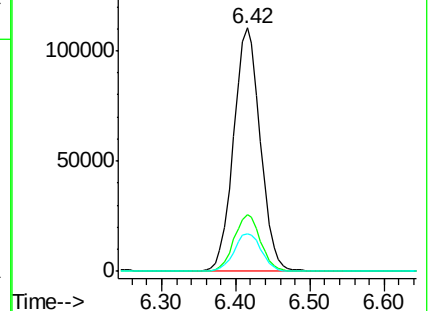
87 15.9 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 42.293 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016418.D

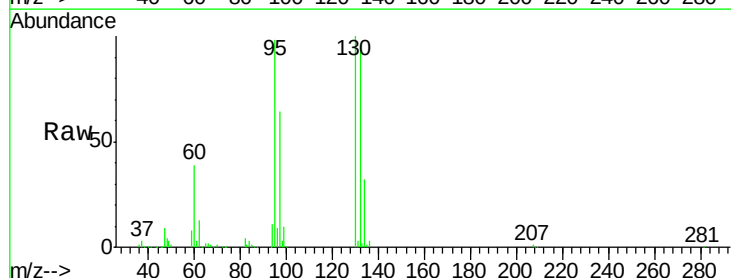
Acq: 22 May 2020 17:30

Tgt Ion:130 Resp: 148195

Ion Ratio Lower Upper

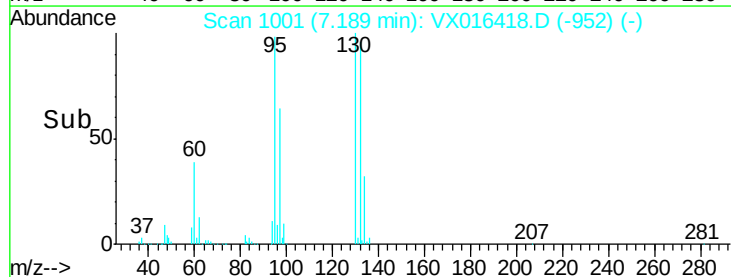
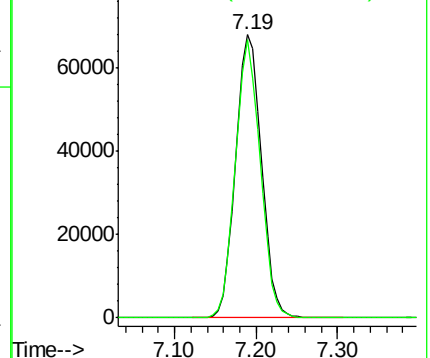
130 100

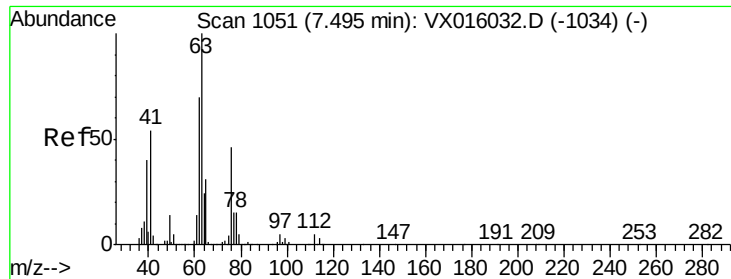
95 98.1 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 48.641 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Instrument :

MSVOA_X

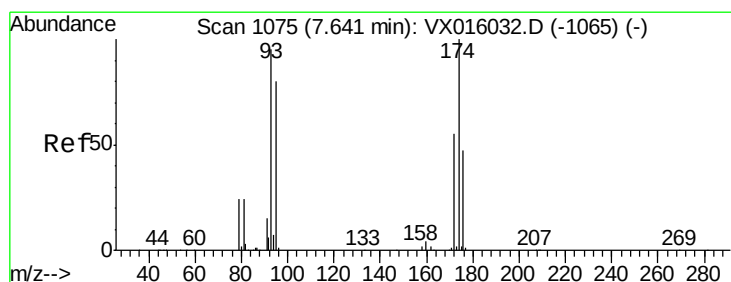
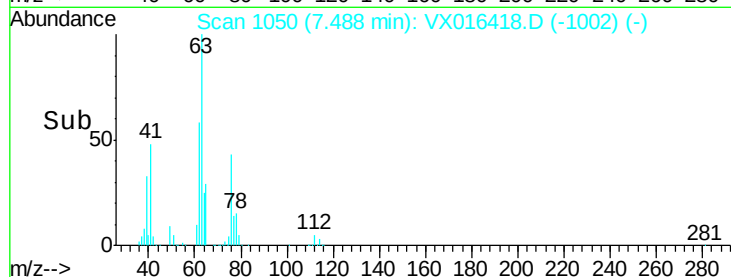
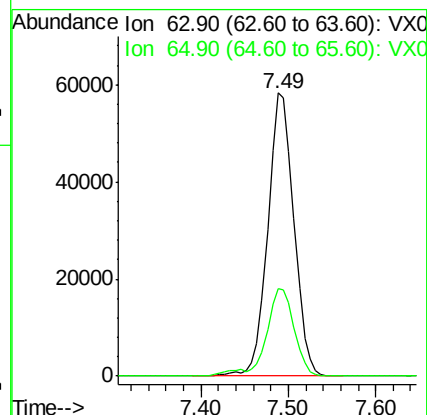
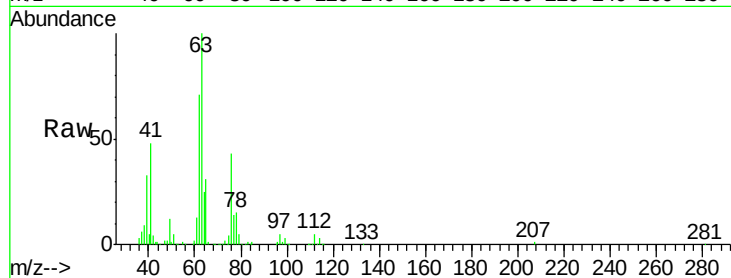
ClientSampleId :

Tot Ion: 63 Resp: 121393

Ion Ratio Lower Upper

63 100

65 31.0 24.4 36.6



#46

Dibromomethane

Concen: 49.043 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

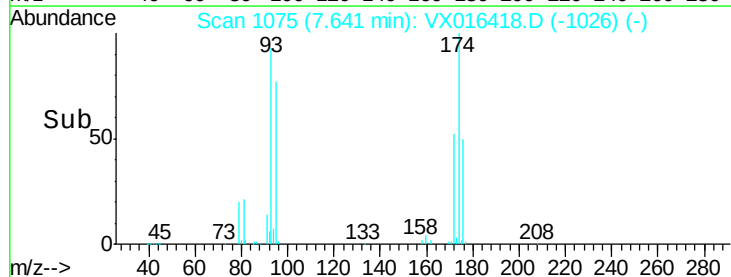
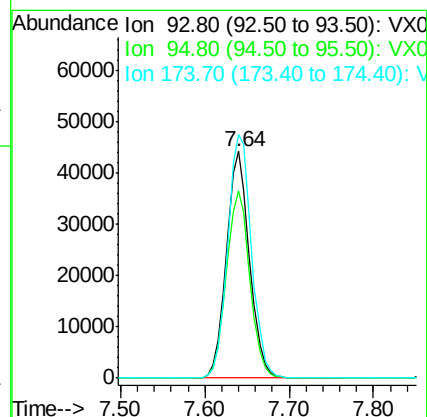
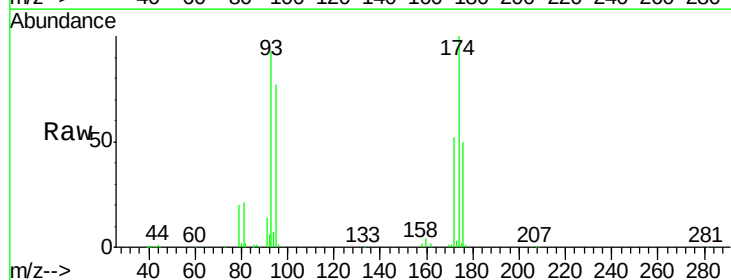
Tgt Ion: 93 Resp: 83177

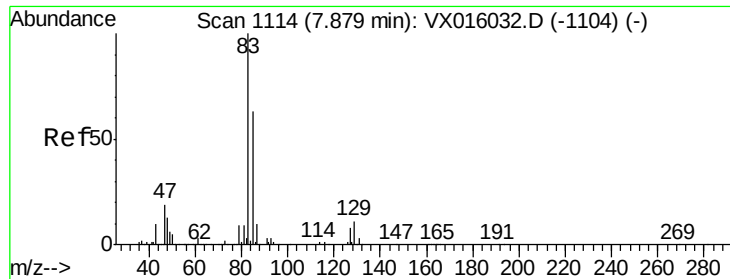
Ion Ratio Lower Upper

93 100

95 84.2 66.6 100.0

174 110.4 84.2 126.4





#47

Bromodichloromethane

Concen: 50.122 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

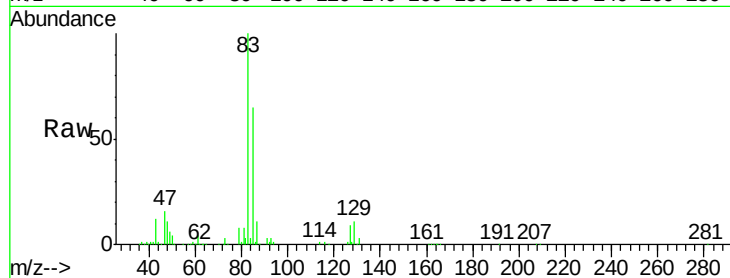
Tot Ion: 83 Resp: 173130

Ion Ratio Lower Upper

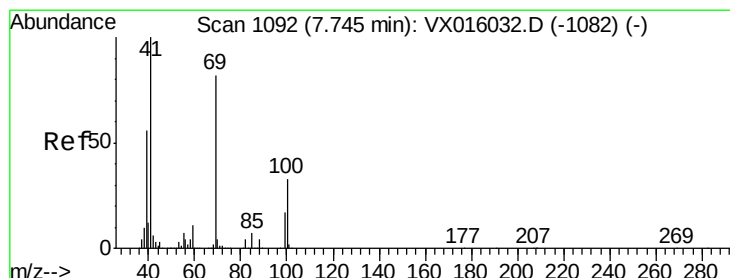
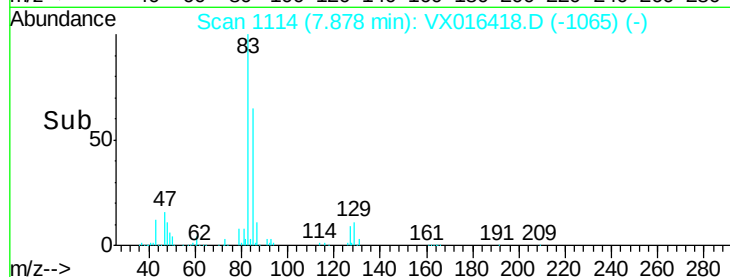
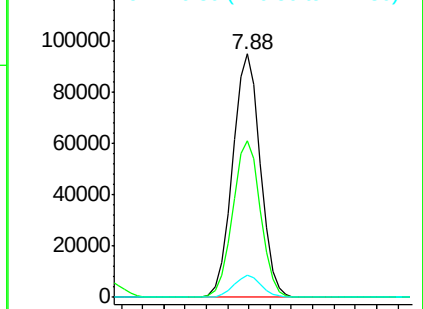
83 100

85 64.5 50.5 75.7

127 9.2 6.7 10.1



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



#48

Methyl methacrylate

Concen: 44.422 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

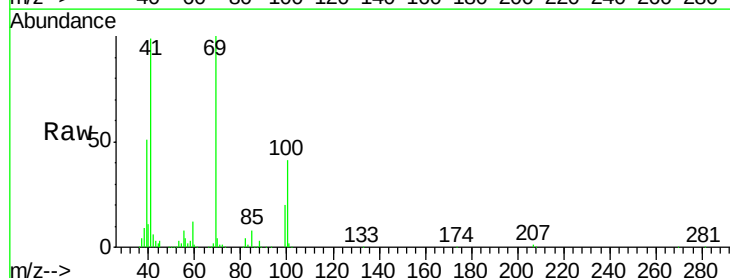
Tgt Ion: 41 Resp: 131217

Ion Ratio Lower Upper

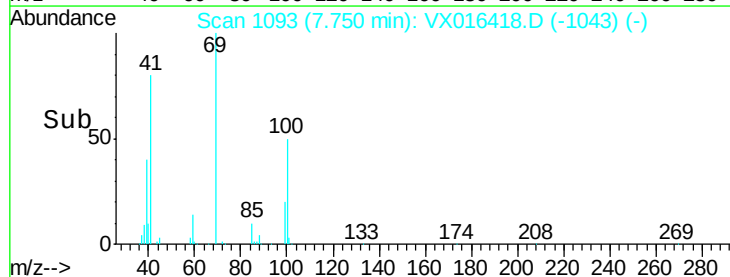
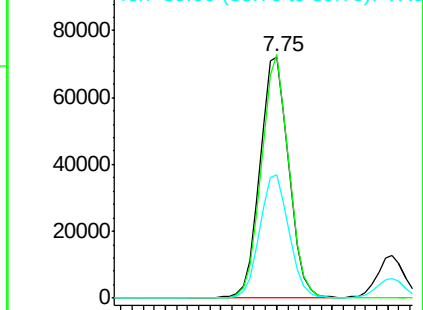
41 100

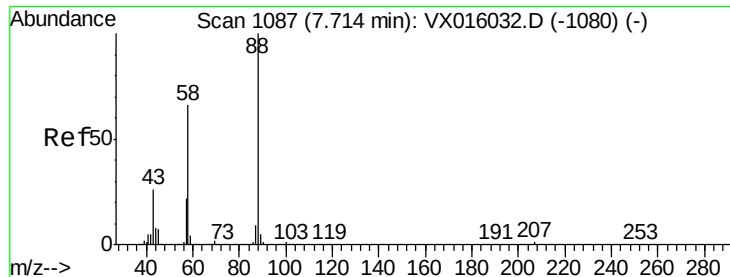
69 96.0 67.8 101.6

39 51.3 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: 957.766 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

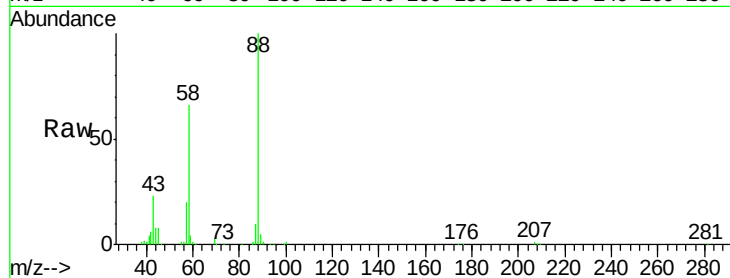
Tot Ion: 88 Resp: 67851

Ion Ratio Lower Upper

88 100

43 27.0 25.3 37.9

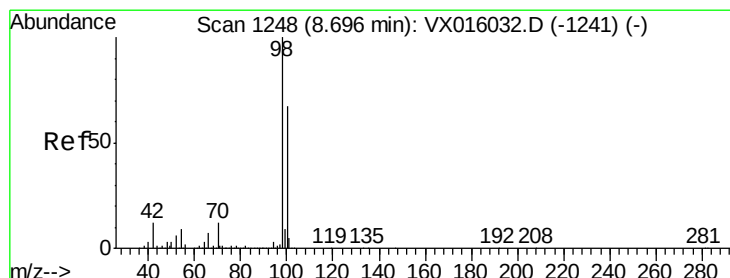
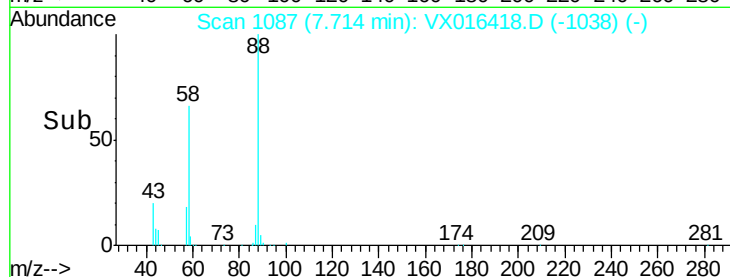
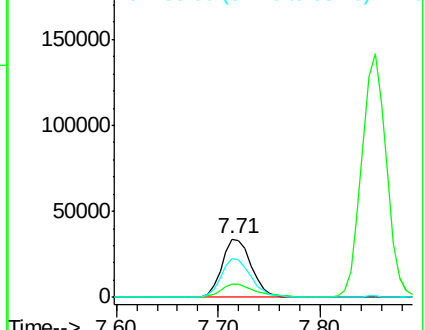
58 67.9 55.9 83.9



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: 48.770 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016418.D

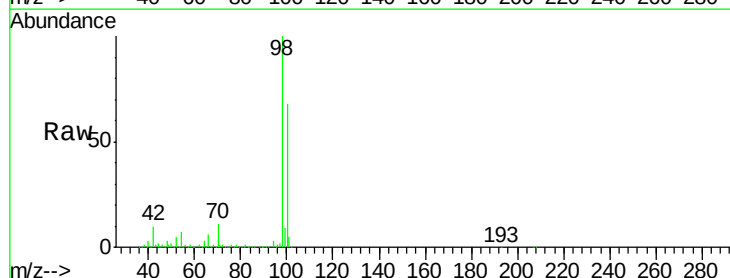
Acq: 22 May 2020 17:30

Tgt Ion: 98 Resp: 407694

Ion Ratio Lower Upper

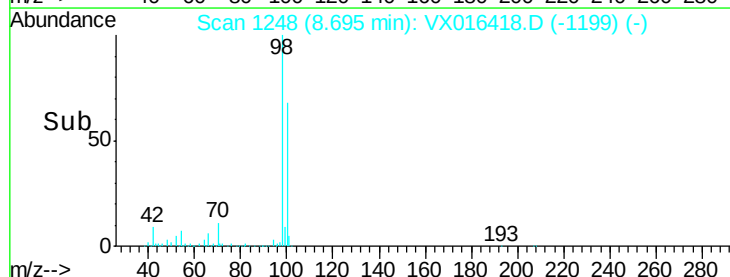
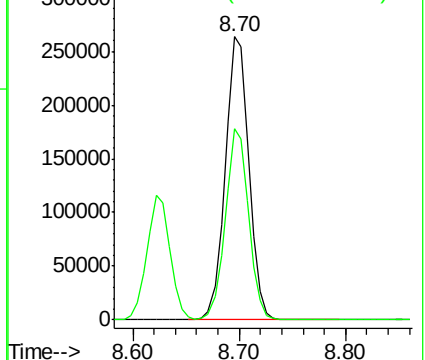
98 100

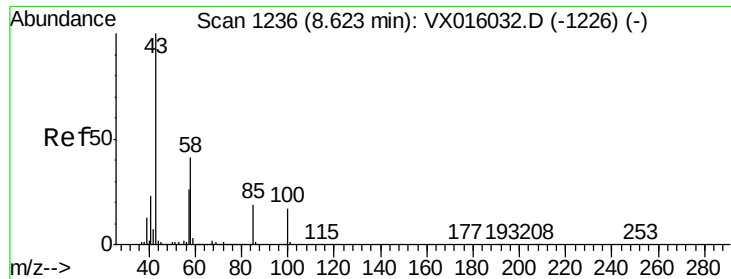
100 66.6 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

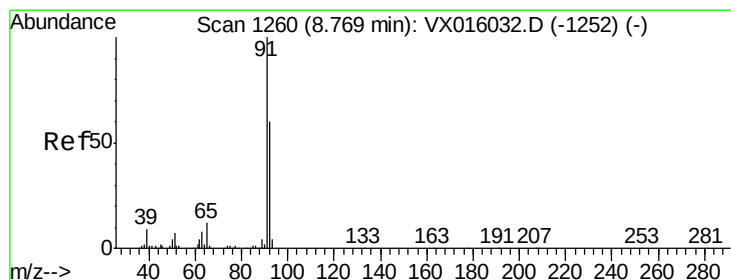
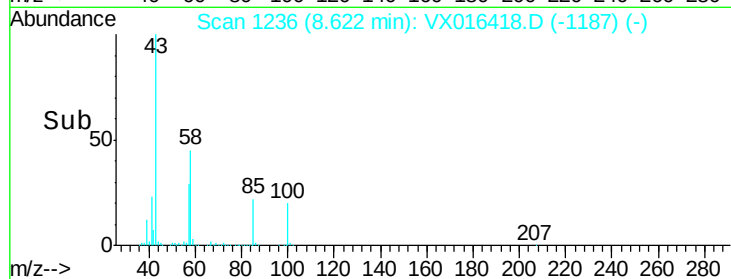
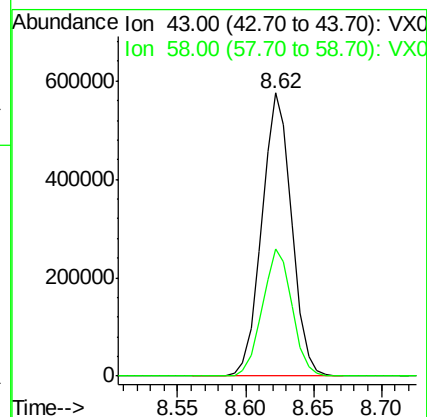
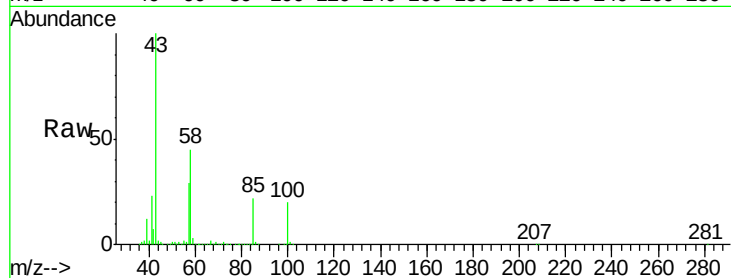




#51
 4-Methyl-2-Pentanone
 Concen: 231.830 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016418.D
 Acq: 22 May 2020 17:30

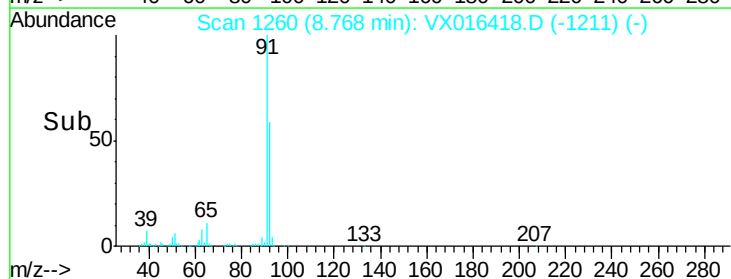
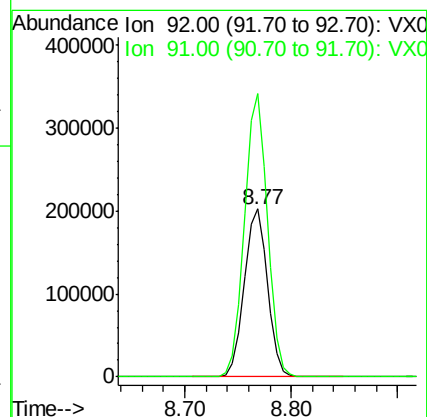
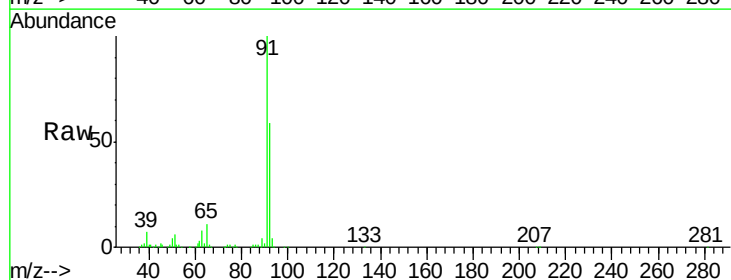
Instrument :
 MSVOA_X
 ClientSampleId :

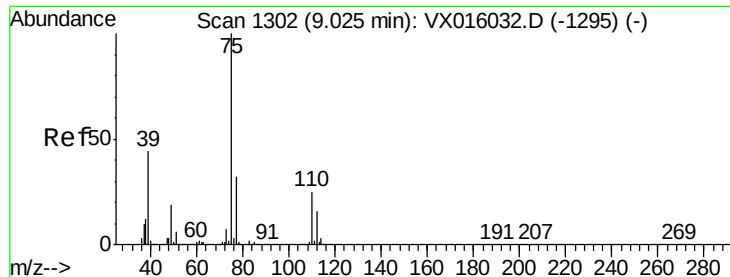
Tot Ion: 43 Resp: 884360
 Ion Ratio Lower Upper
 43 100
 58 44.7 33.0 49.4



#52
 Toluene
 Concen: 50.465 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX016418.D
 Acq: 22 May 2020 17:30

Tgt Ion: 92 Resp: 310254
 Ion Ratio Lower Upper
 92 100
 91 167.3 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 48.423 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Instrument :

MSVOA_X

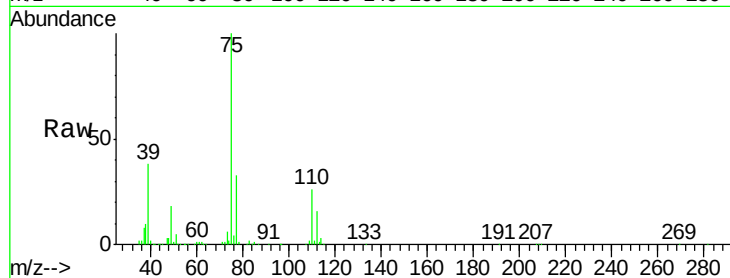
ClientSampleId :

Tot Ion: 75 Resp: 199428

Ion Ratio Lower Upper

75 100

77 32.8 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

150000

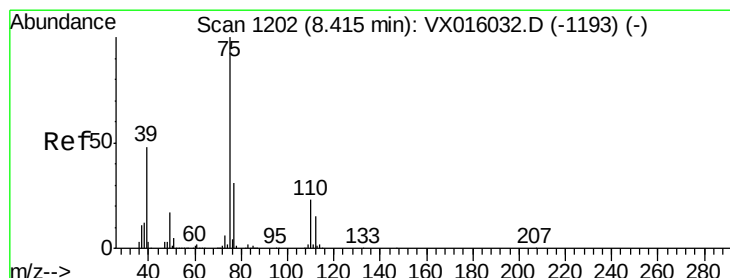
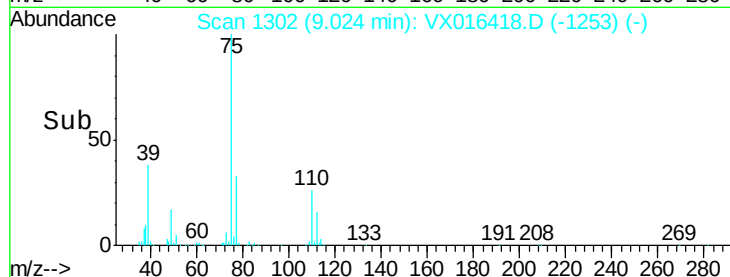
100000

50000

0

Time-->

8.95 9.00 9.05 9.10



#54

cis-1,3-Dichloropropene

Concen: 49.367 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

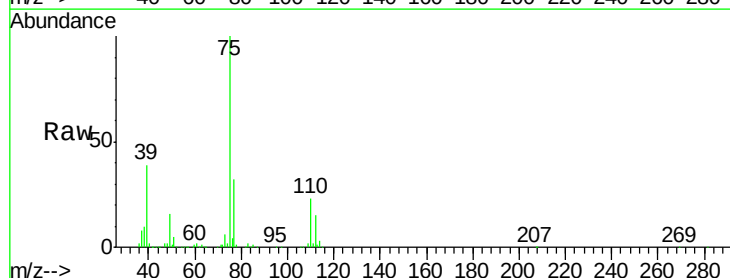
Tgt Ion: 75 Resp: 212364

Ion Ratio Lower Upper

75 100

77 32.4 24.7 37.1

39 39.2 38.7 58.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.41

150000

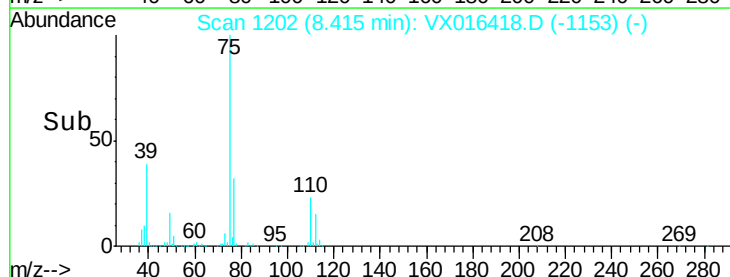
100000

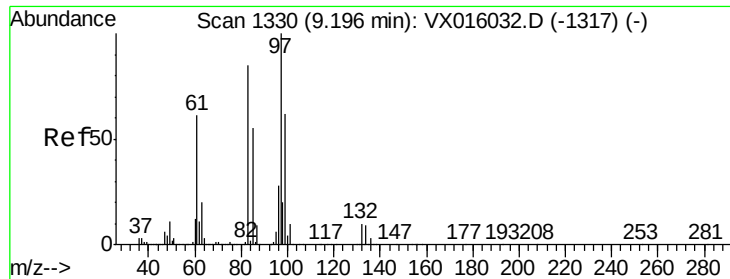
50000

0

Time-->

8.30 8.40 8.50

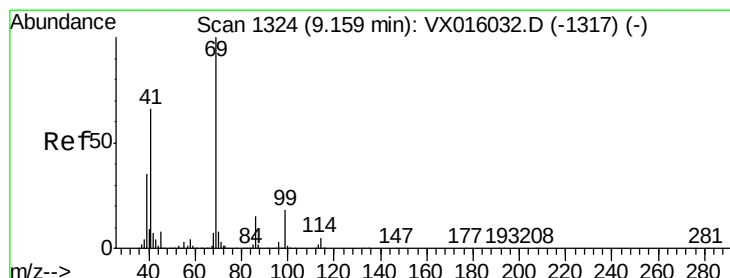
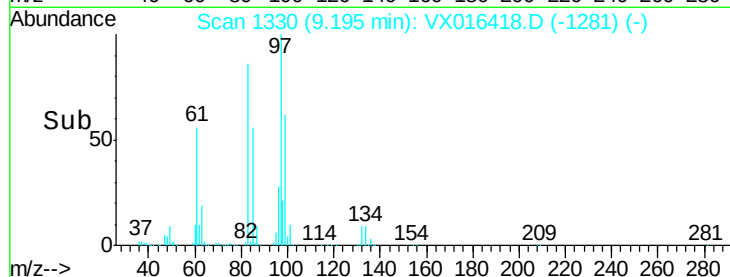
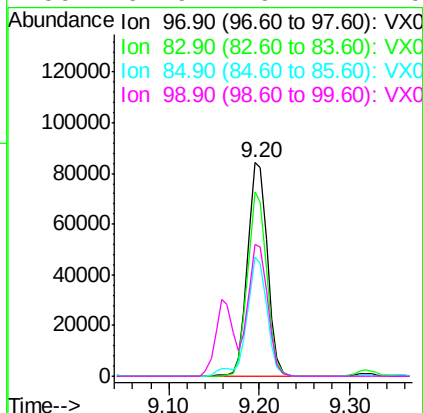
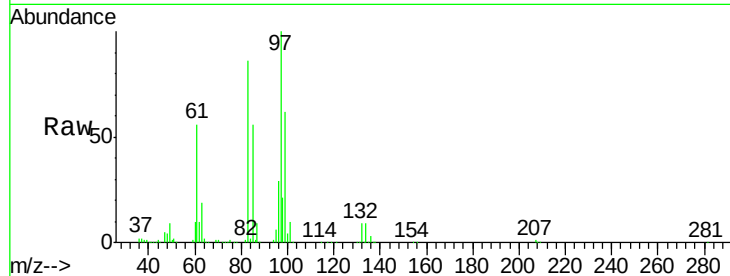




#55
 1,1,2-Trichloroethane
 Concen: 52.803 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016418.D
 Acq: 22 May 2020 17:30

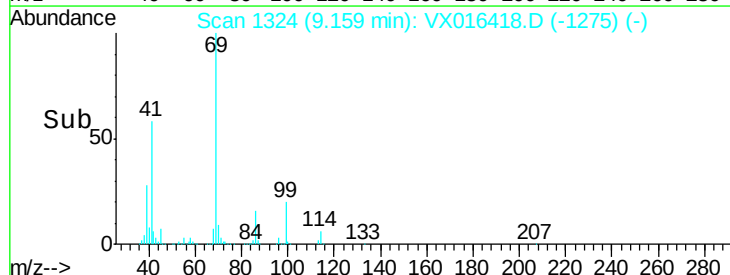
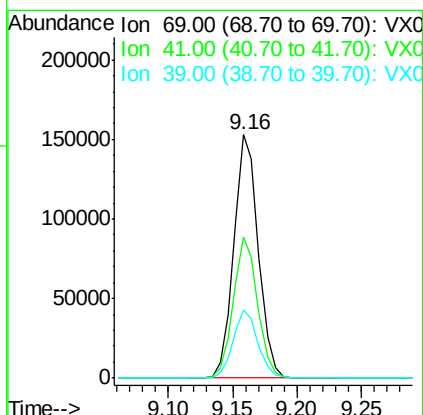
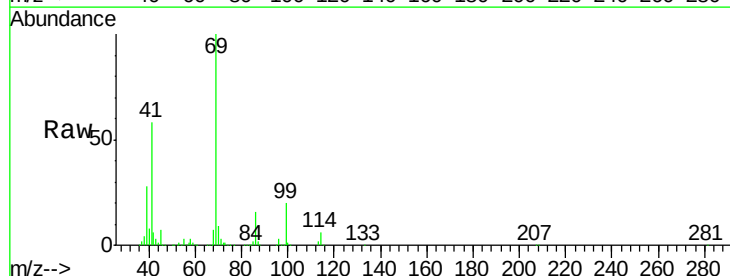
Instrument :
 MSVOA_X
 ClientSampleId :

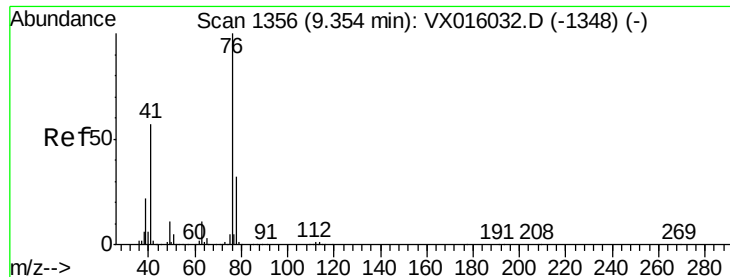
Tot Ion:	97	Resp:	127720
Ion	Ratio	Lower	Upper
97	100		
83	86.1	67.8	101.8
85	55.8	43.8	65.8
99	61.9	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 51.379 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016418.D
 Acq: 22 May 2020 17:30

Tgt Ion:	69	Resp:	202856
Ion	Ratio	Lower	Upper
69	100		
41	57.1	52.2	78.4
39	28.6	28.2	42.4

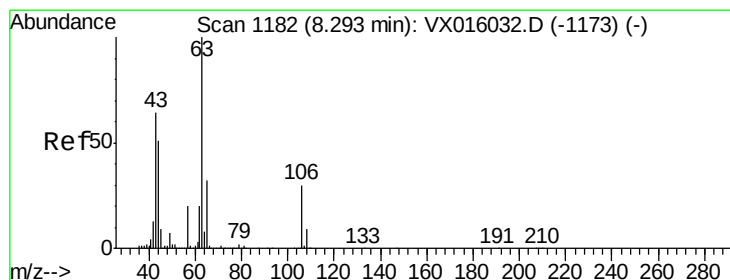
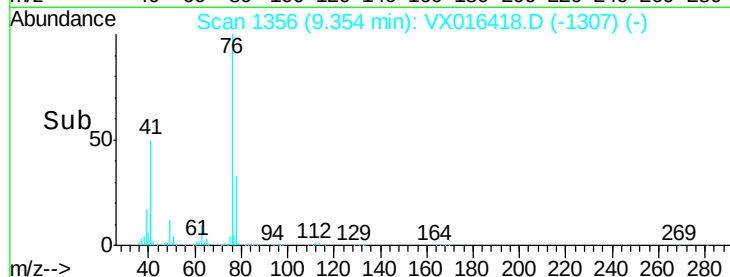
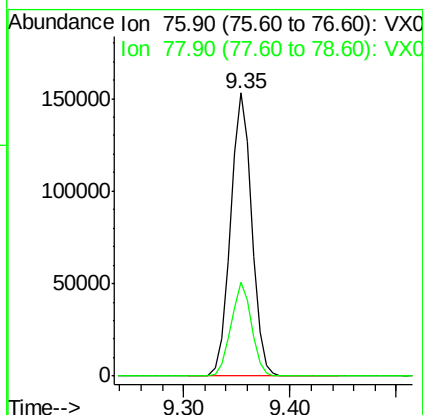
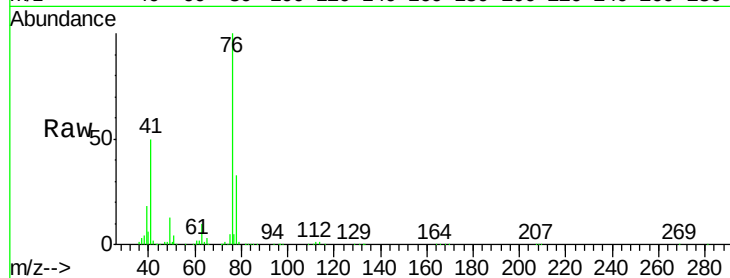




#57
 1,3-Dichloropropane
 Concen: 50.782 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016418.D
 Acq: 22 May 2020 17:30

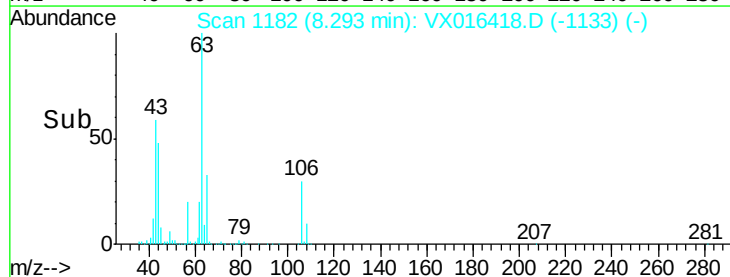
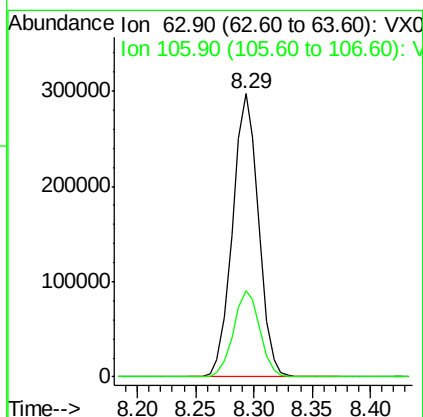
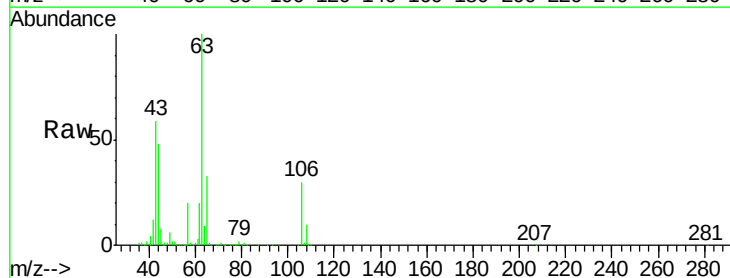
Instrument :
 MSVOA_X
 ClientSampled :

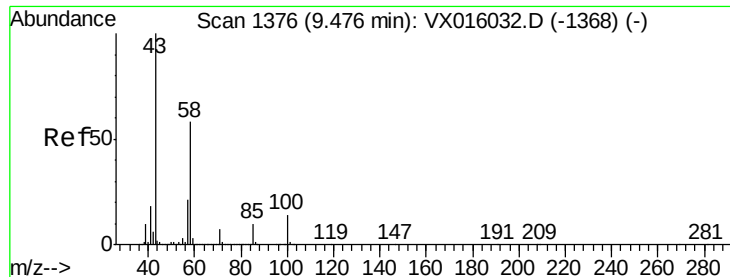
Tot Ion: 76 Resp: 214328
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 219.766 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX016418.D
 Acq: 22 May 2020 17:30

Tgt Ion: 63 Resp: 461934
 Ion Ratio Lower Upper
 63 100
 106 30.7 23.4 35.2

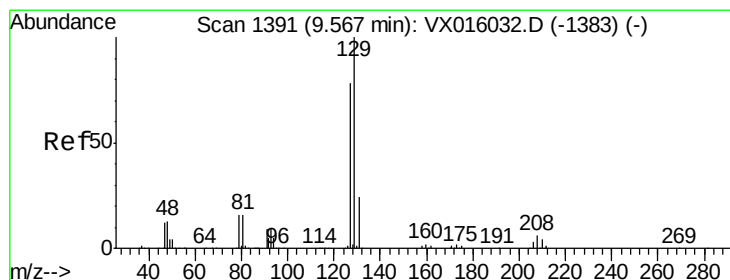
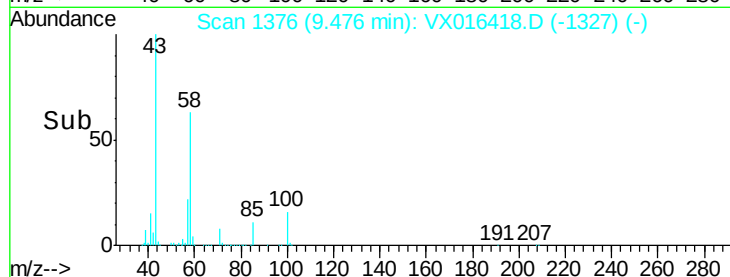
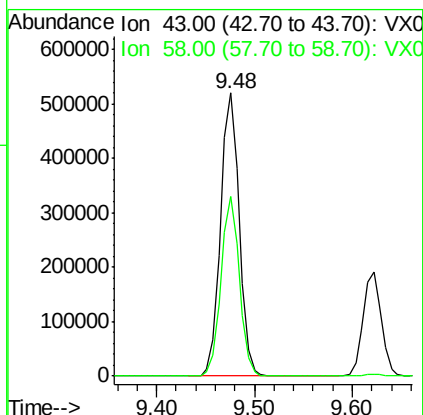
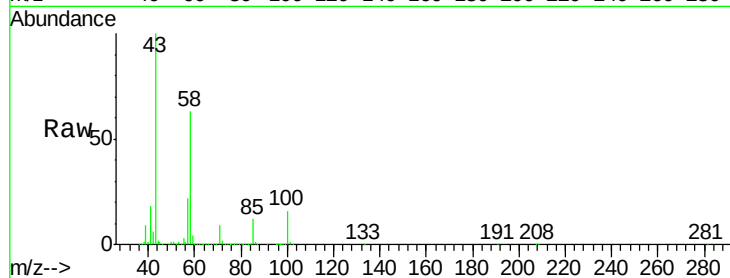




#59
2-Hexanone
Concen: 230.491 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

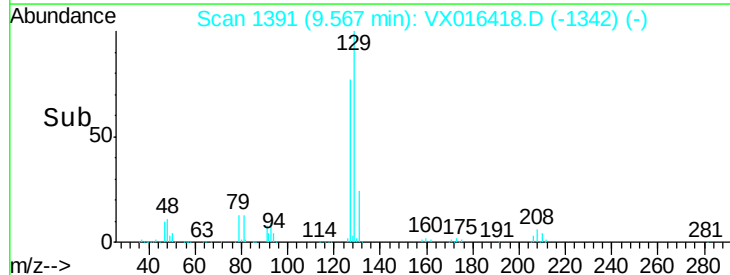
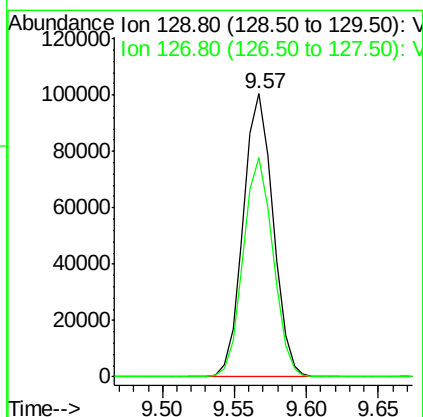
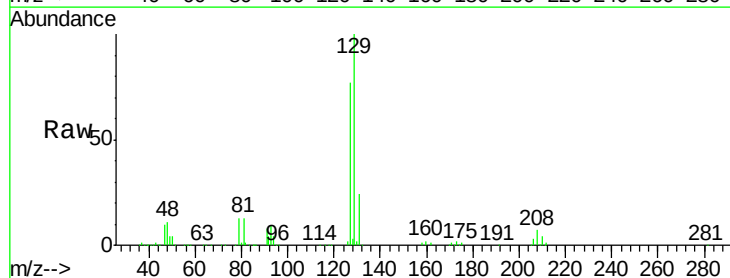
Instrument :
MSVOA_X
ClientSampleId :

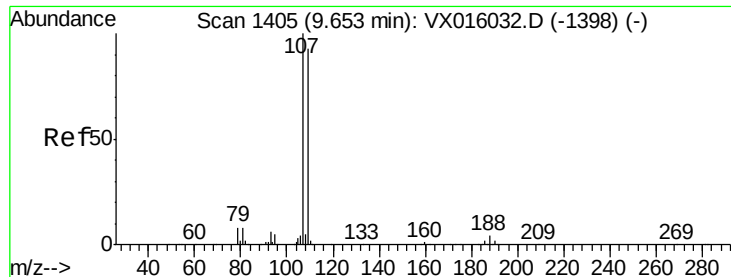
Tot Ion: 43 Resp: 690497
Ion Ratio Lower Upper
43 100
58 62.4 28.6 85.9



#60
Dibromochloromethane
Concen: 54.317 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Tgt Ion: 129 Resp: 144697
Ion Ratio Lower Upper
129 100
127 77.1 38.4 115.2





#61

1,2-Dibromoethane

Concen: 51.952 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

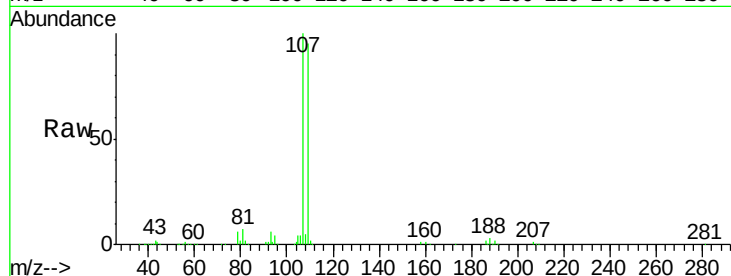
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 107 Resp: 136114

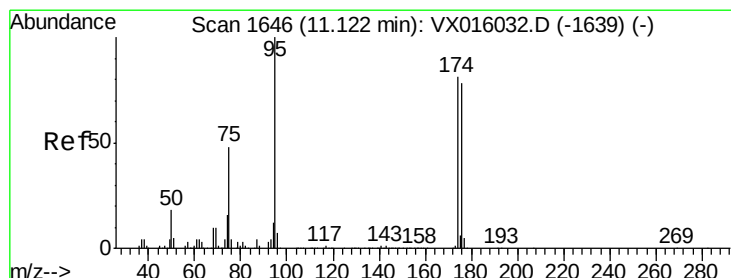
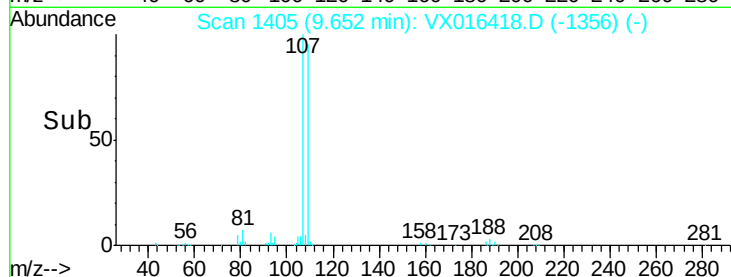
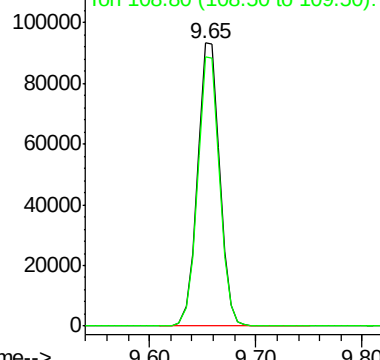
Ion Ratio Lower Upper

107 100

109 94.5 74.9 112.3



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



#62

4-Bromofluorobenzene

Concen: 51.466 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

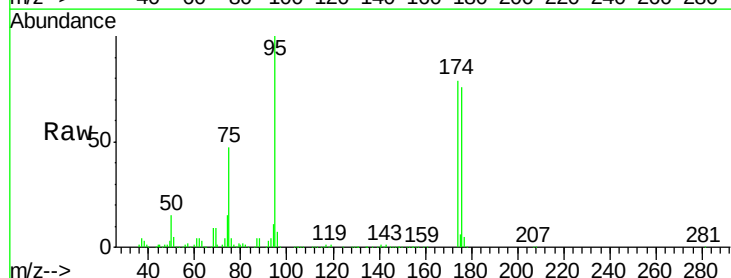
Tgt Ion: 95 Resp: 163637

Ion Ratio Lower Upper

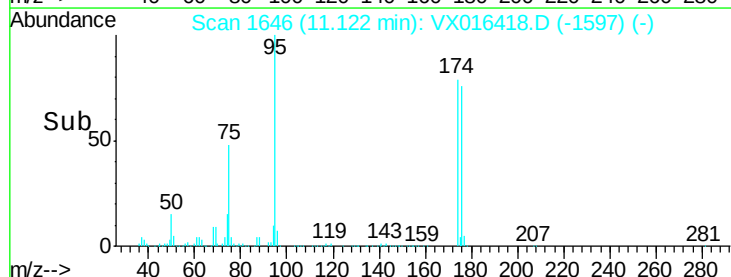
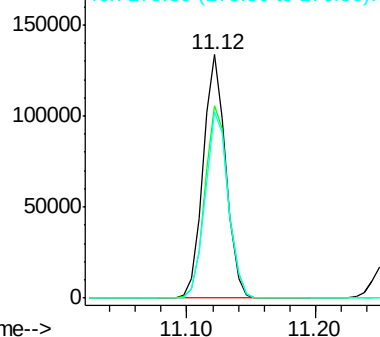
95 100

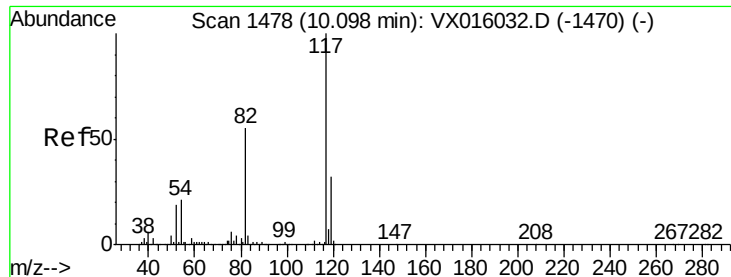
174 81.1 0.0 159.4

176 78.0 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

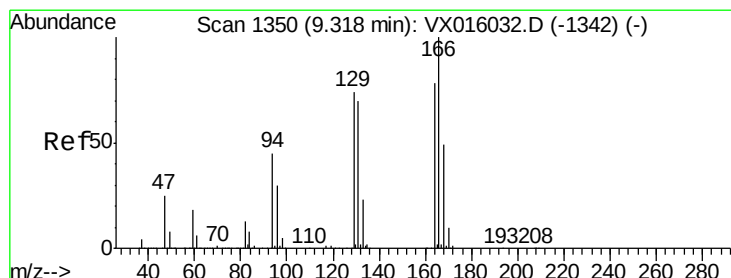
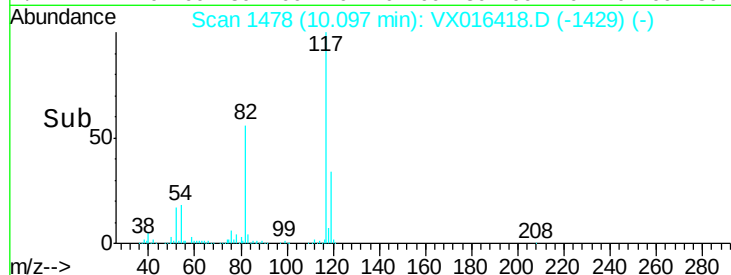
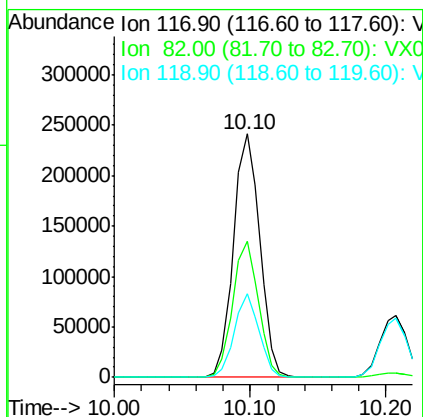
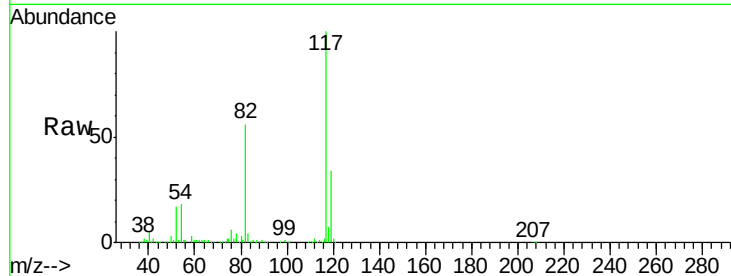




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

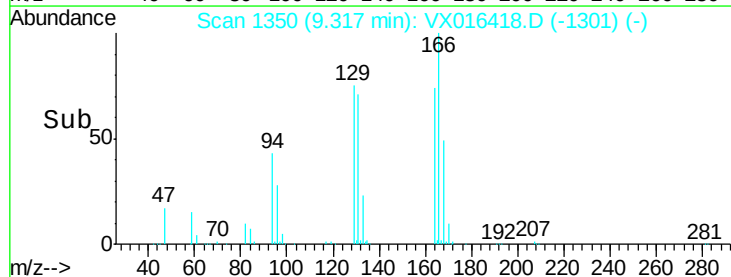
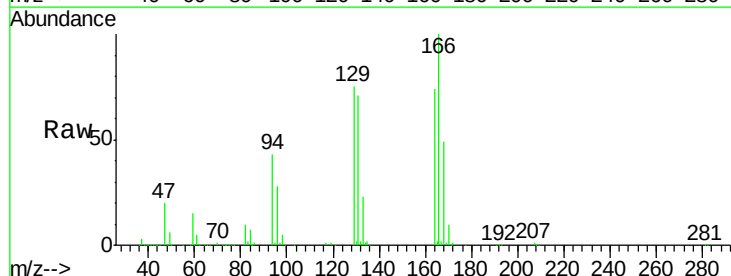
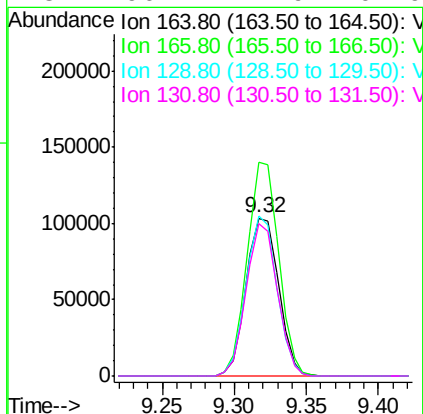
Instrument :
MSVOA_X
ClientSampleId :

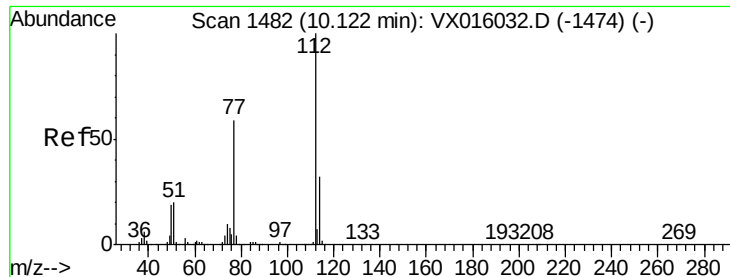
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.4	66.6
119	34.1	25.5	38.3



#64
Tetrachloroethene
Concen: 40.525 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	135.2	102.9	154.3
129	101.2	76.1	114.1
131	96.2	71.9	107.9

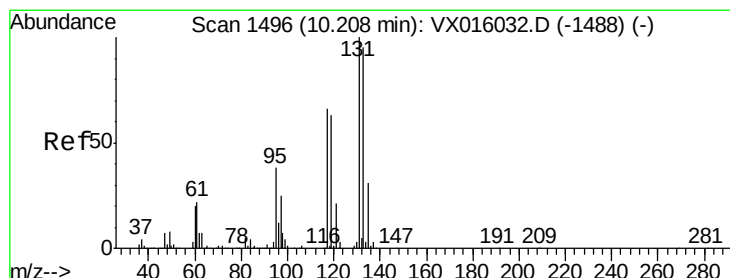
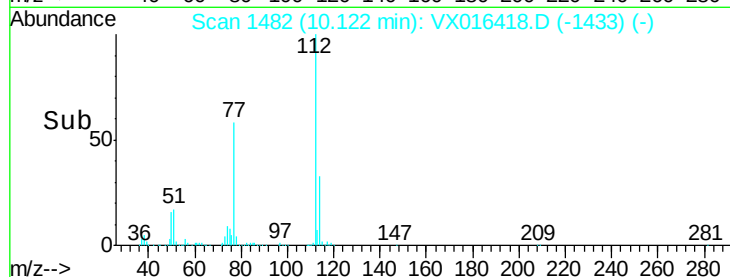
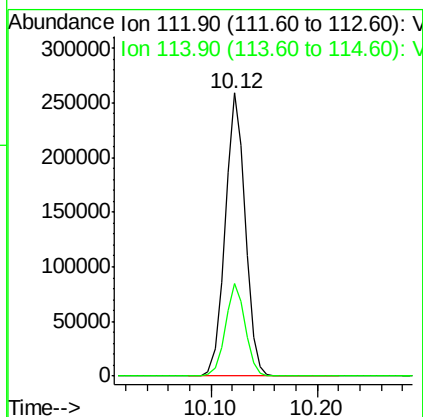
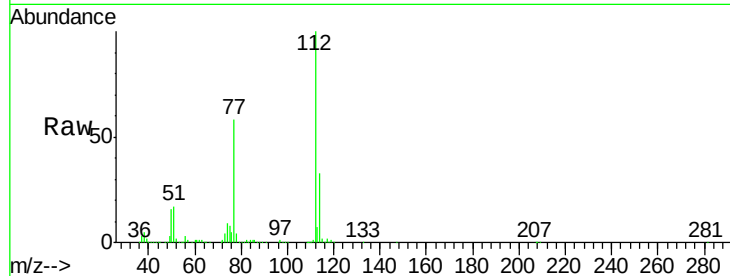




#65
Chlorobenzene
Concen: 50.038 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

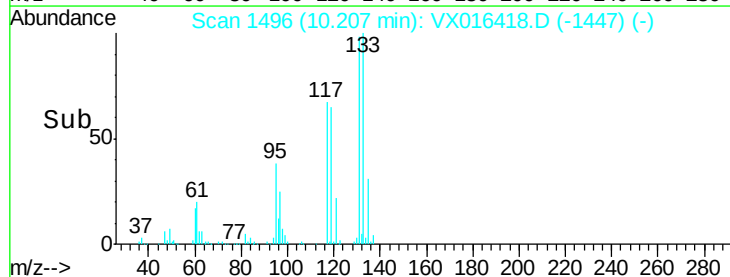
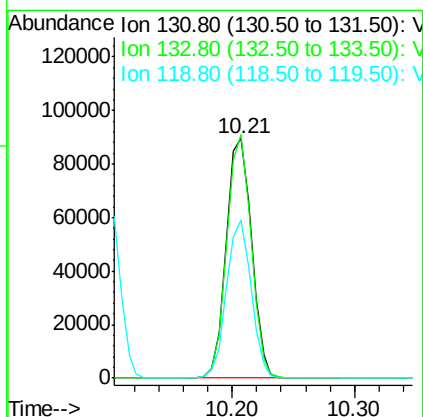
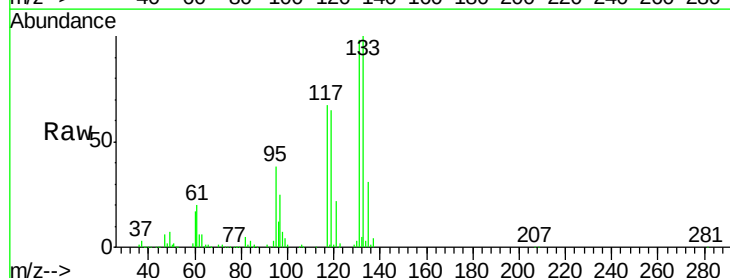
Instrument :
MSVOA_X
ClientSampled :

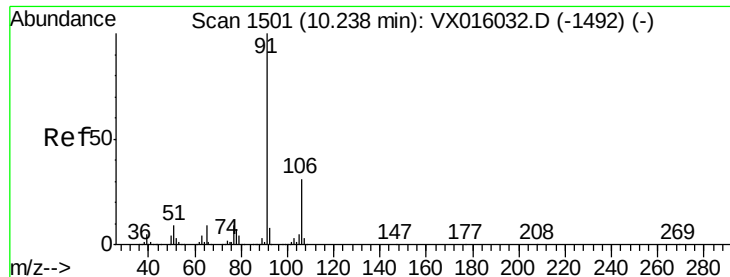
Tot Ion:112 Resp: 340179
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.934 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Tgt Ion:131 Resp: 127984
Ion Ratio Lower Upper
131 100
133 97.9 48.3 144.8
119 64.4 32.3 96.9





#67

Ethyl Benzene

Concen: 48.601 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Instrument :

MSVOA_X

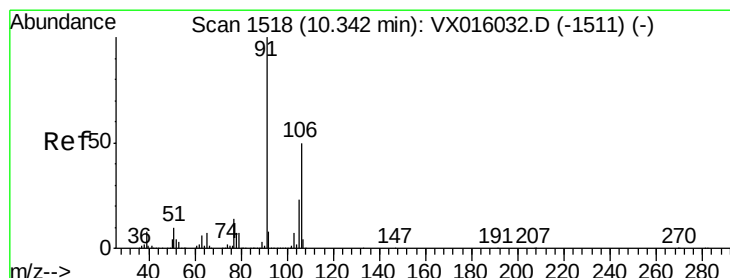
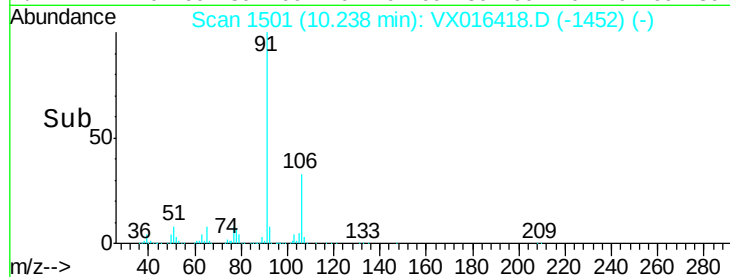
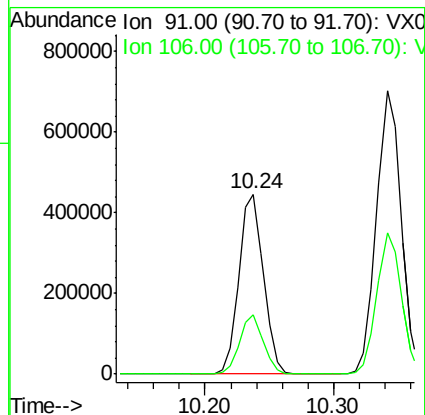
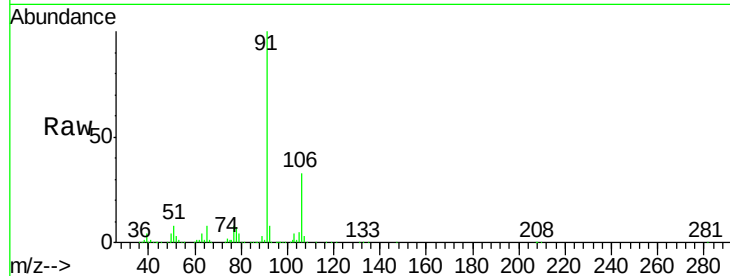
ClientSampleId :

Tot Ion: 91 Resp: 589529

Ion Ratio Lower Upper

91 100

106 32.6 25.1 37.7



#68

m/p-Xylenes

Concen: 101.450 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016418.D

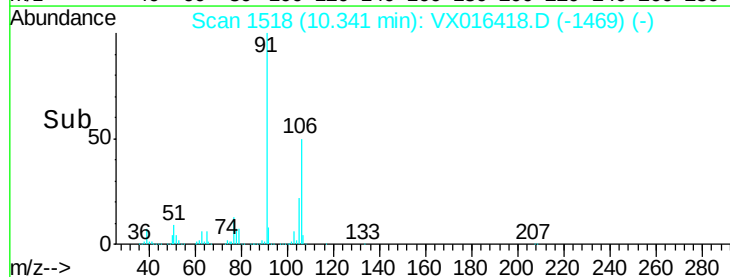
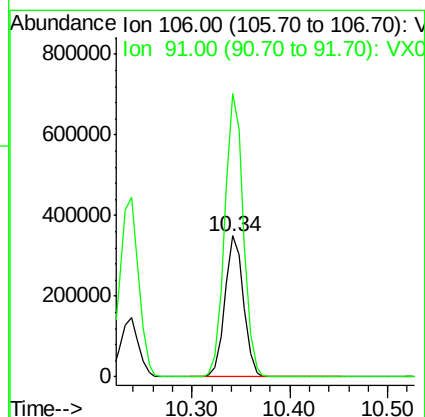
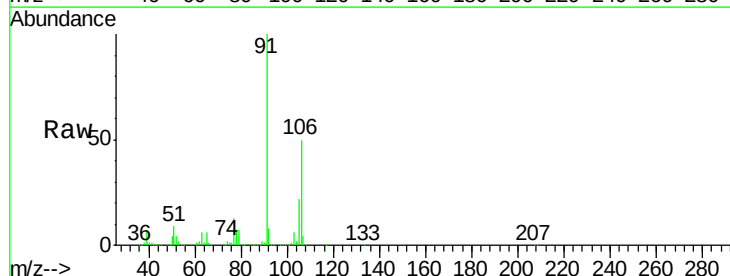
Acq: 22 May 2020 17:30

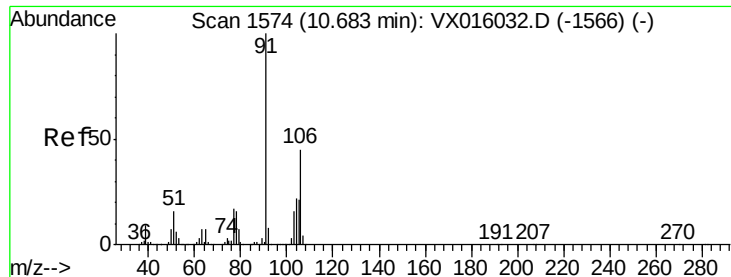
Tgt Ion: 106 Resp: 461054

Ion Ratio Lower Upper

106 100

91 200.2 161.7 242.5

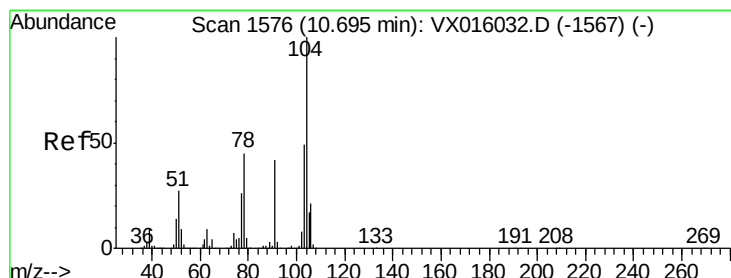
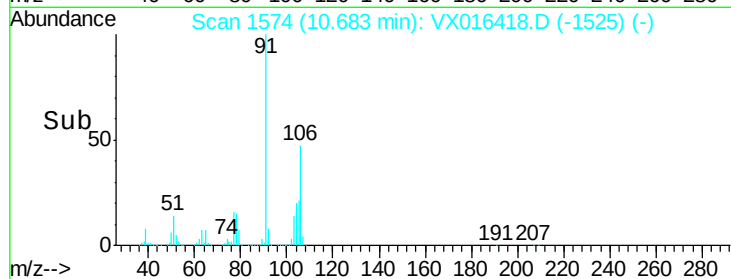
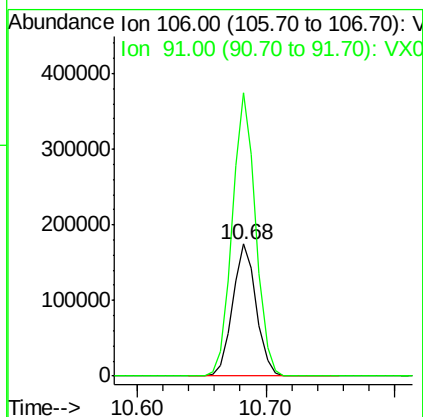
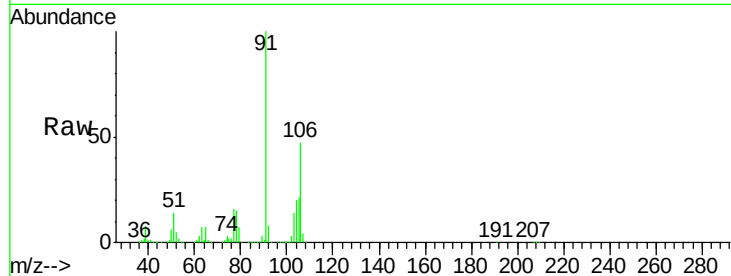




#69
o-Xylene
Concen: 50.836 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

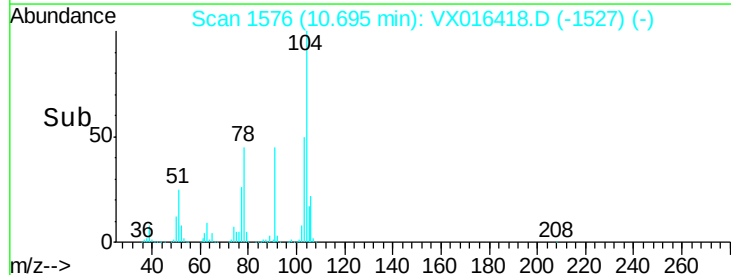
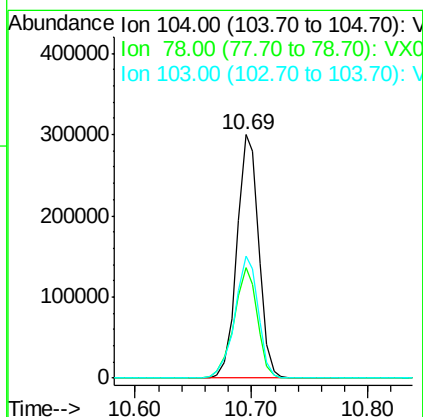
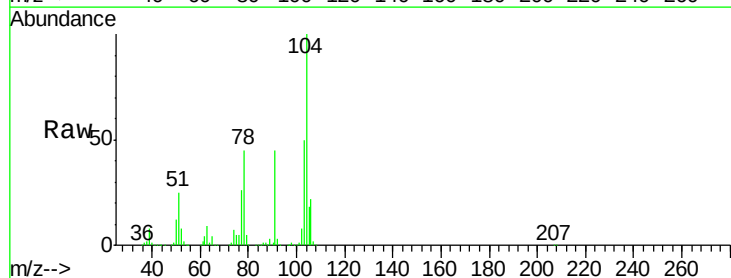
Instrument :
MSVOA_X
ClientSampled :

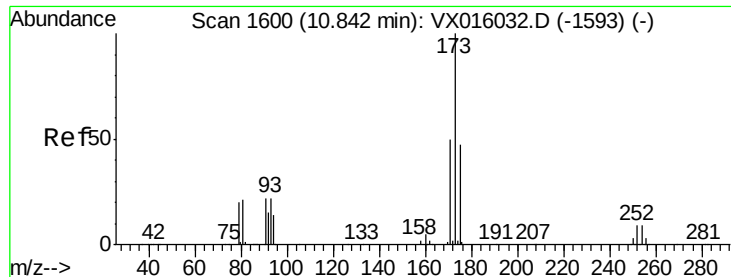
Tot Ion:106 Resp: 222075
Ion Ratio Lower Upper
106 100
91 213.1 107.5 322.6



#70
Styrene
Concen: 52.749 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016418.D
Acq: 22 May 2020 17:30

Tgt Ion:104 Resp: 390931
Ion Ratio Lower Upper
104 100
78 48.7 40.2 60.2
103 53.8 43.0 64.6





#71

Bromoform

Concen: 54.583 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Instrument :

MSVOA_X

ClientSampled :

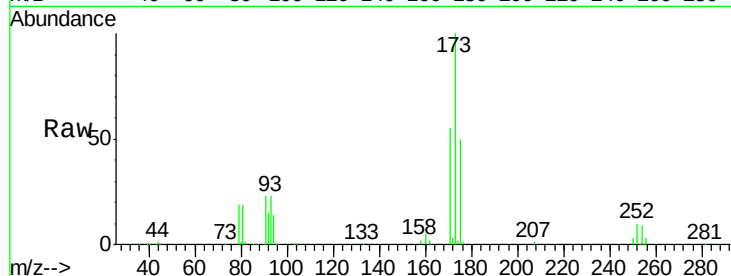
Tot Ion:173 Resp: 111743

Ion Ratio Lower Upper

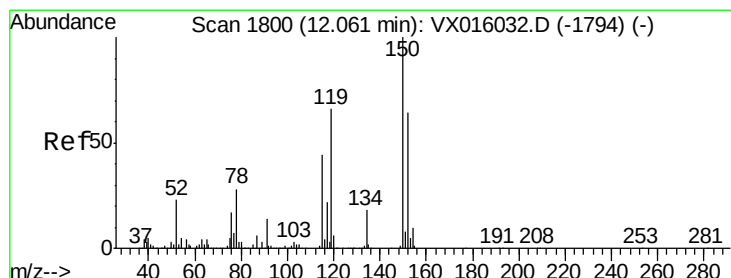
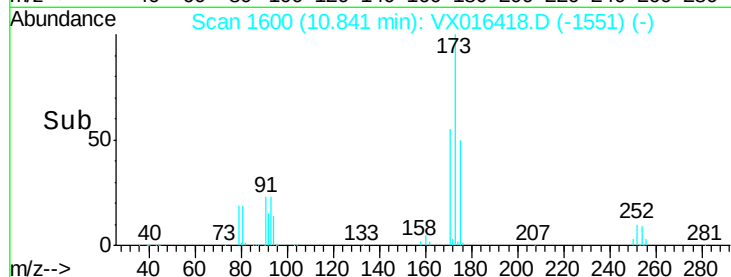
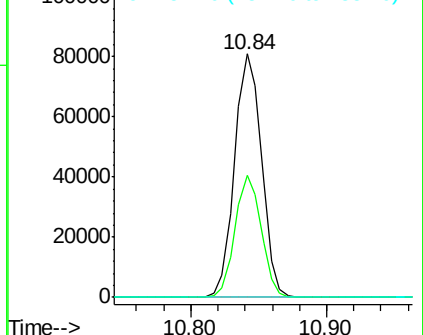
173 100

175 48.7 24.0 72.0

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

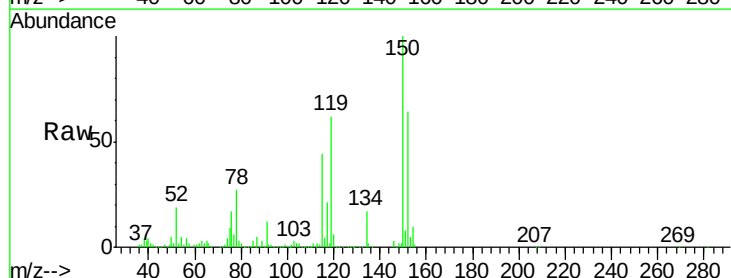
Tgt Ion:152 Resp: 166842

Ion Ratio Lower Upper

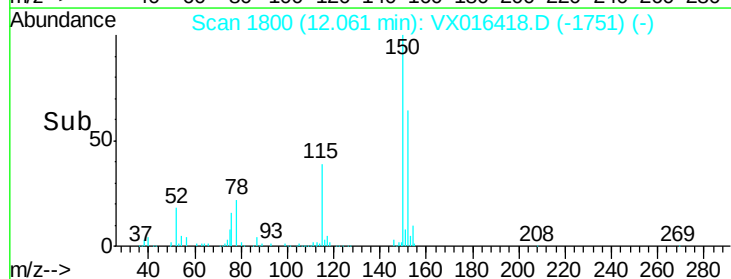
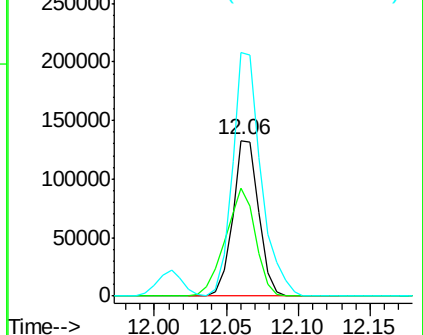
152 100

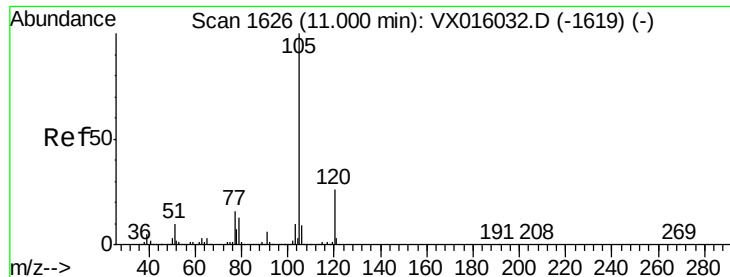
115 81.3 41.3 124.1

150 173.1 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: 48.116 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Instrument :

MSVOA_X

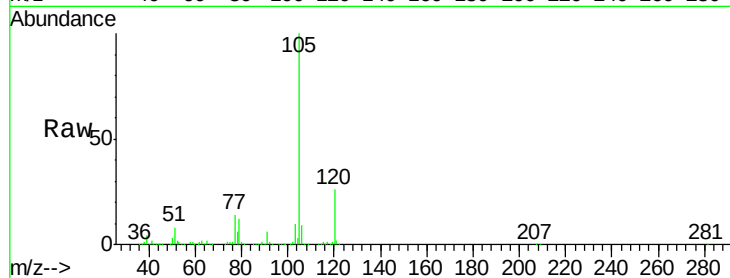
ClientSampleId :

Tot Ion: 105 Resp: 583899

Ion Ratio Lower Upper

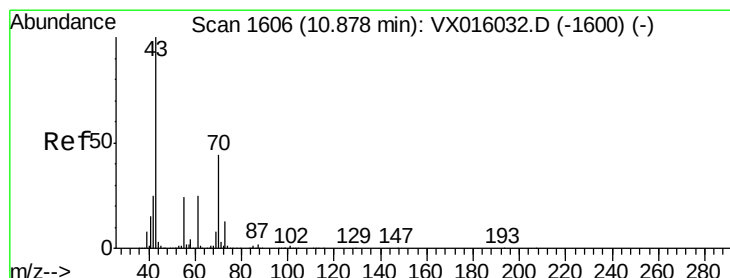
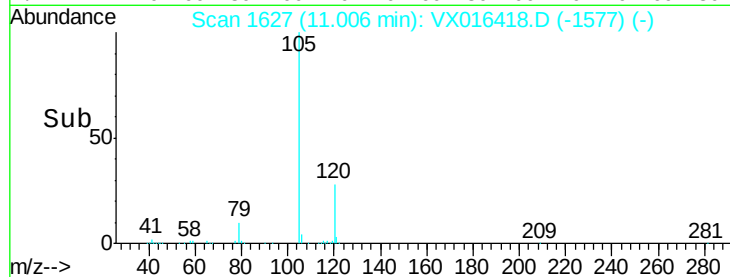
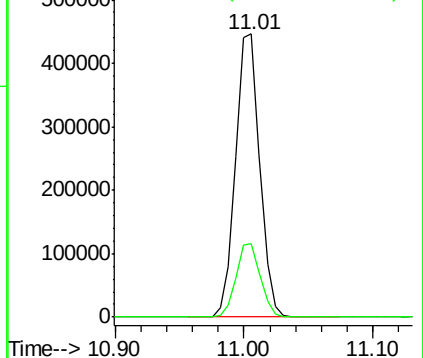
105 100

120 26.2 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 43.248 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Tgt Ion: 43 Resp: 244800

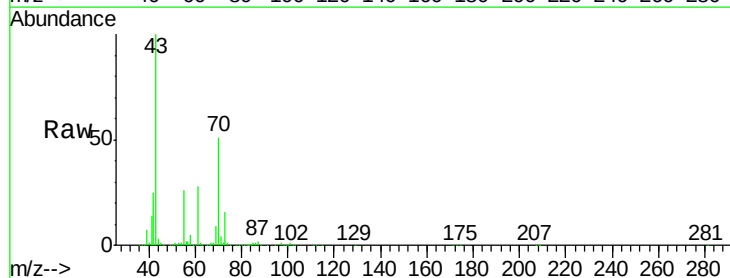
Ion Ratio Lower Upper

43 100

70 50.8 36.5 54.7

55 26.5 19.7 29.5

61 27.9 20.9 31.3

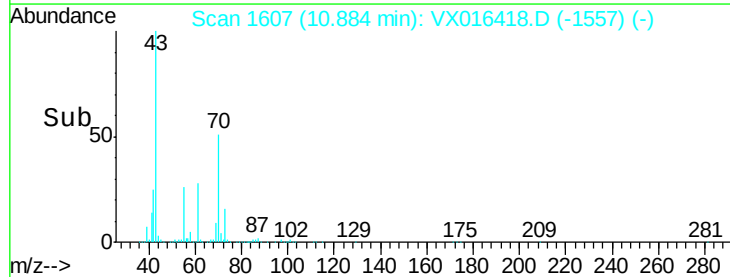
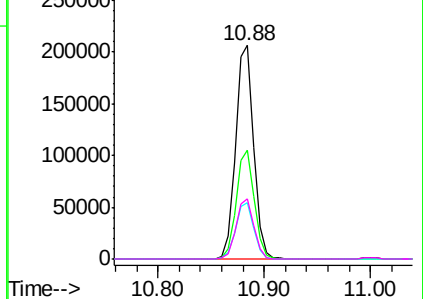


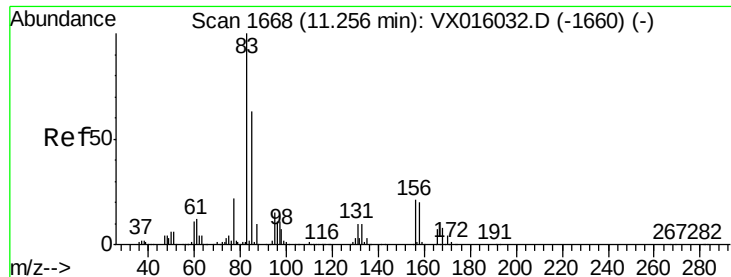
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 65.148 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

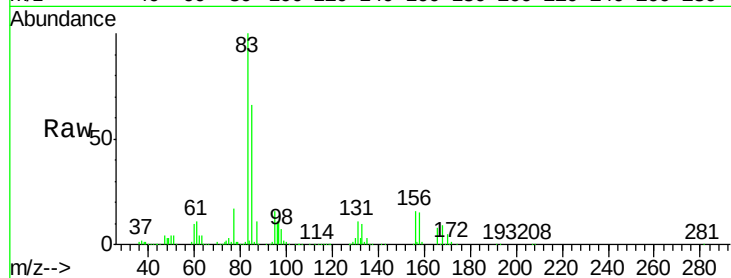
Tot Ion: 83 Resp: 161208

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

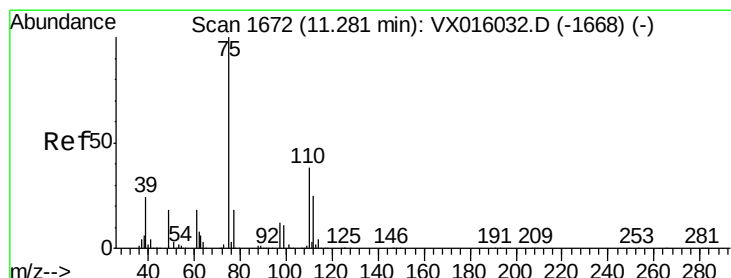
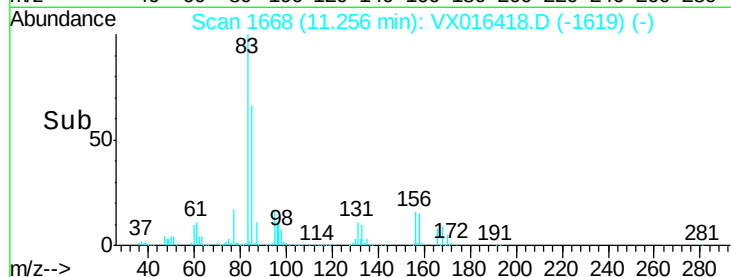
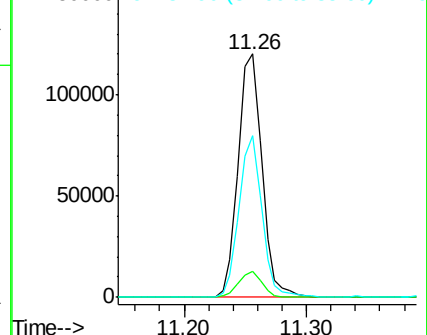
85 64.1 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 64.484 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016418.D

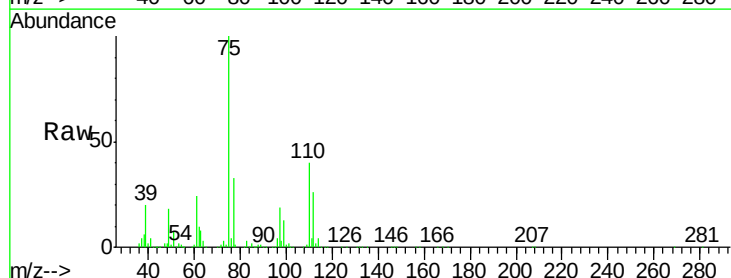
Acq: 22 May 2020 17:30

Tgt Ion: 75 Resp: 244140

Ion Ratio Lower Upper

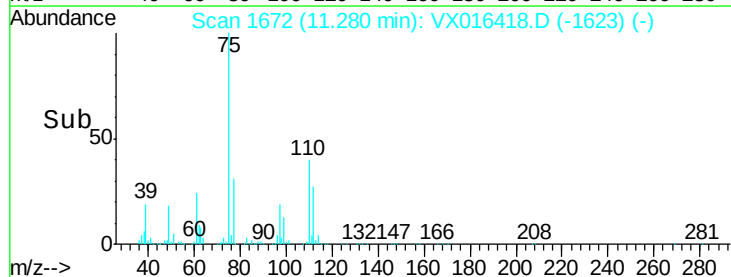
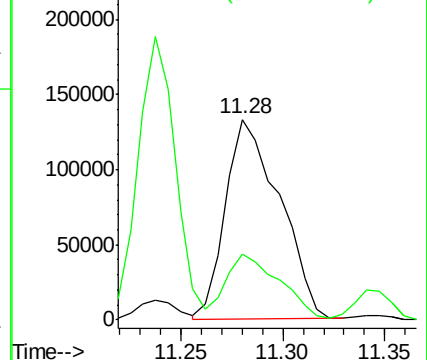
75 100

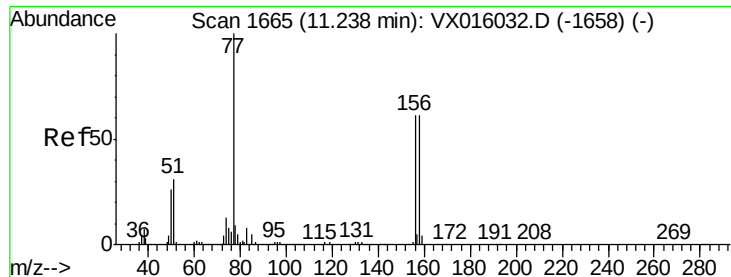
77 32.8 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.168 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

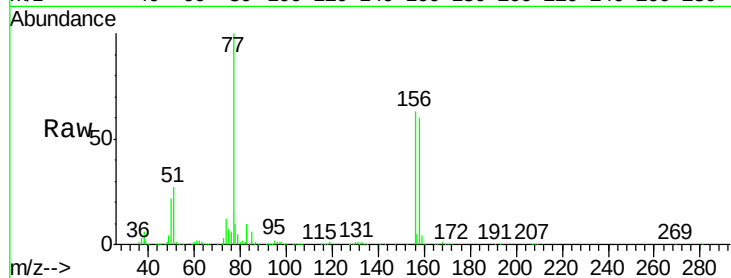
Tot Ion:156 Resp: 154009

Ion Ratio Lower Upper

156 100

77 155.8 80.1 240.3

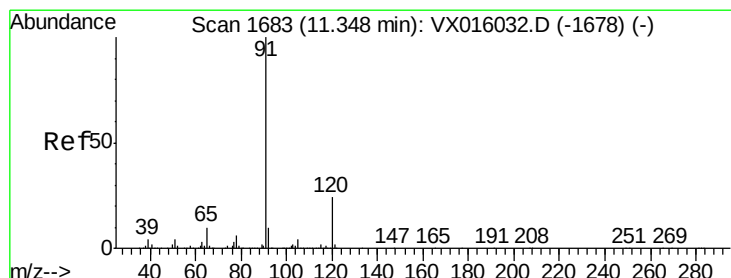
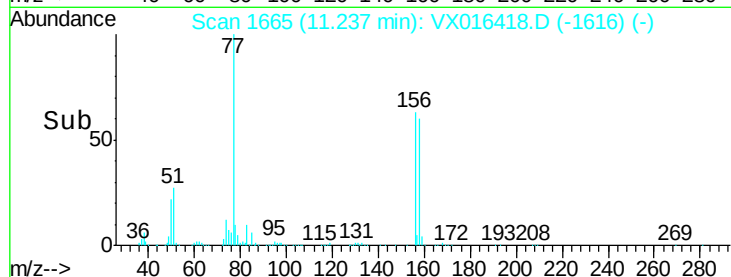
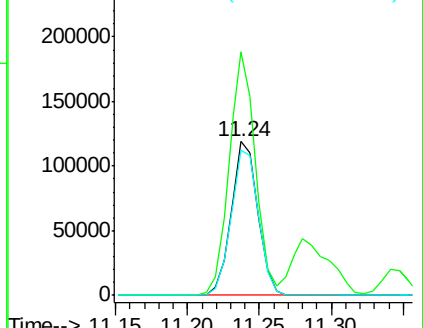
158 97.2 49.4 148.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.464 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX016418.D

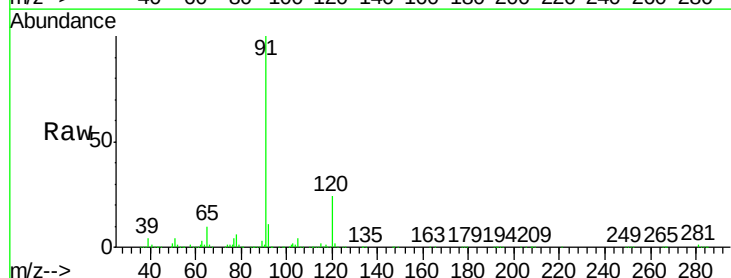
Acq: 22 May 2020 17:30

Tgt Ion: 91 Resp: 655949

Ion Ratio Lower Upper

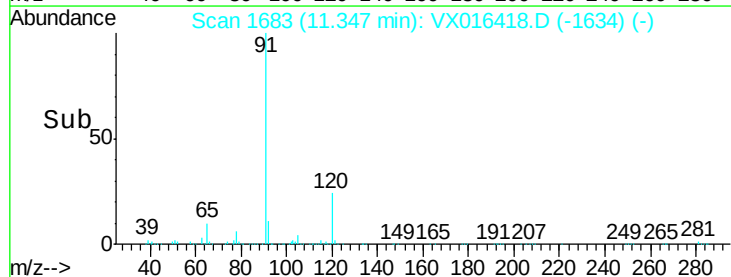
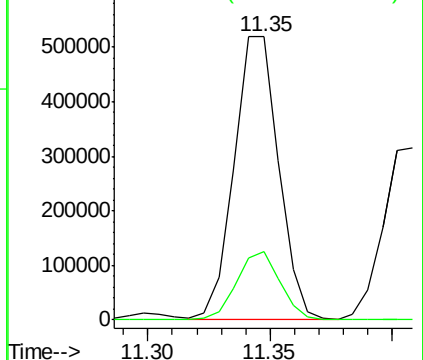
91 100

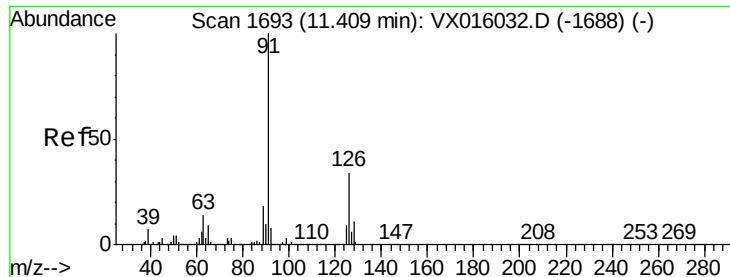
120 23.5 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.722 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Instrument :

MSVOA_X

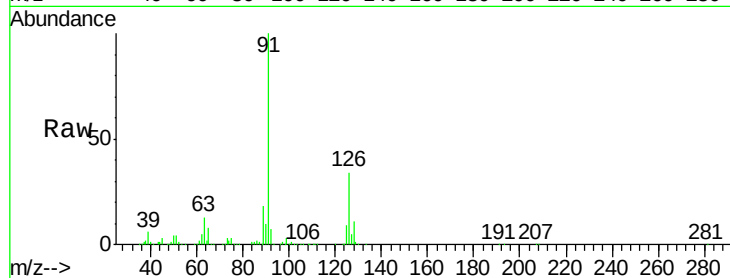
ClientSampleId :

Tot Ion: 91 Resp: 406008

Ion Ratio Lower Upper

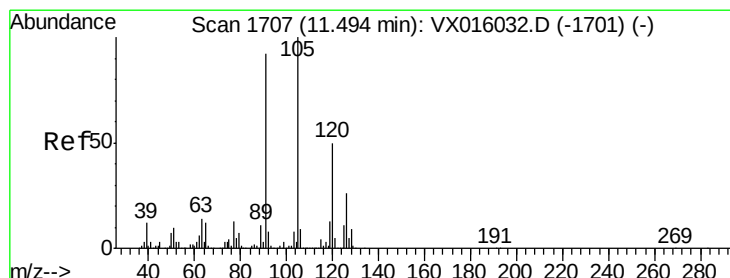
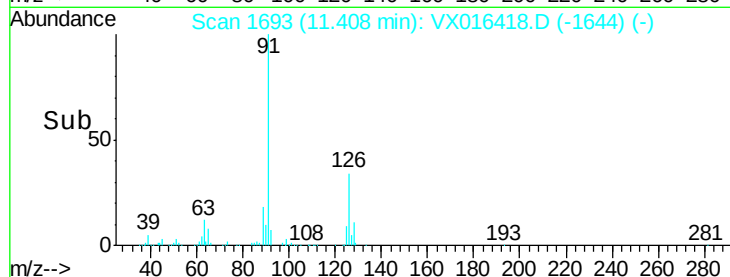
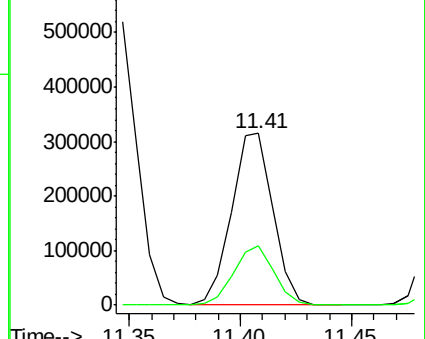
91 100

126 33.5 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VX016418.D (-1644) (-)

Ion 125.90 (125.60 to 126.60): VX016418.D (-1644) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.752 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016418.D

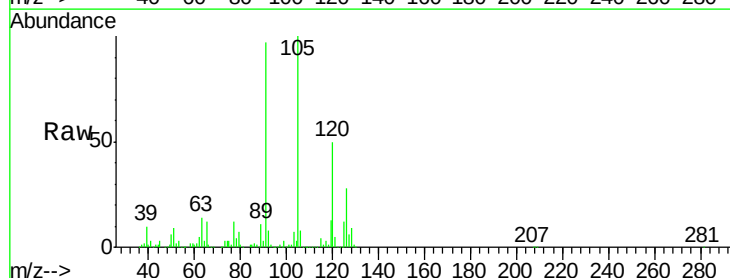
Acq: 22 May 2020 17:30

Tgt Ion: 105 Resp: 499509

Ion Ratio Lower Upper

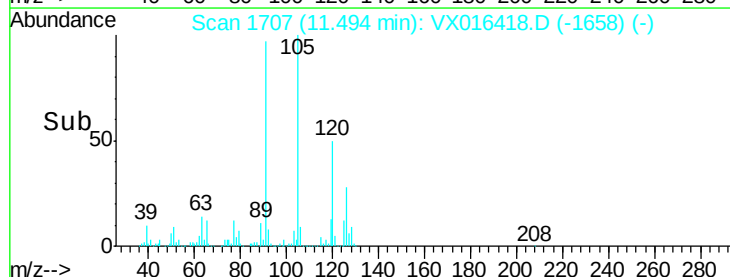
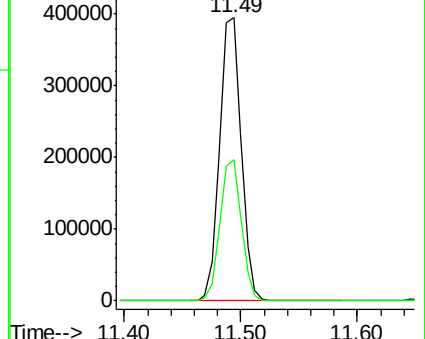
105 100

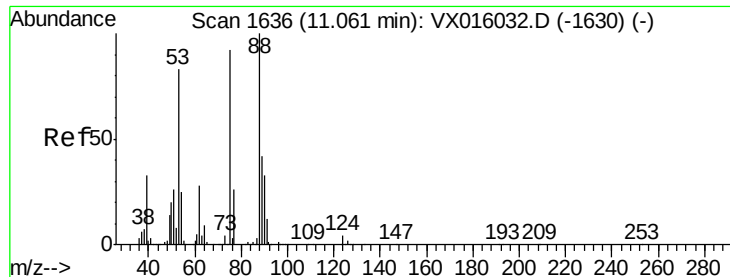
120 49.7 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VX016418.D (-1658) (-)

Ion 120.00 (119.70 to 120.70): VX016418.D (-1658) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.196 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

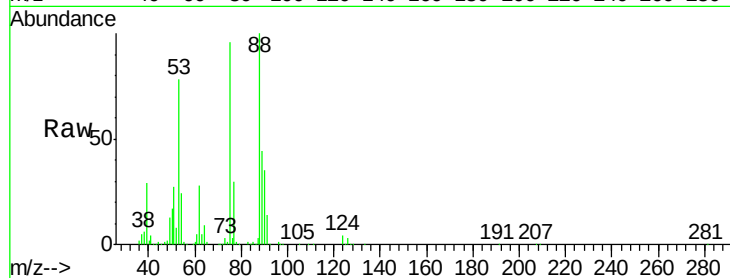
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 76570

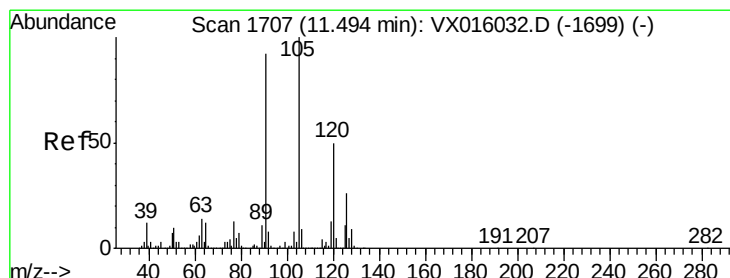
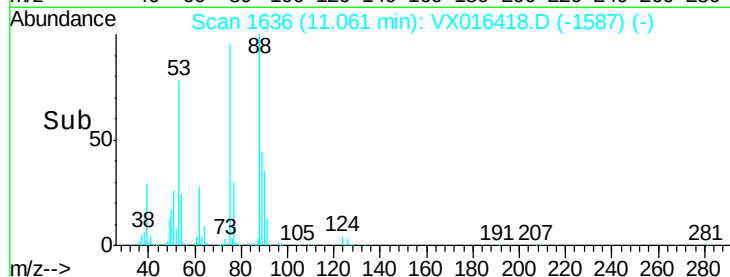
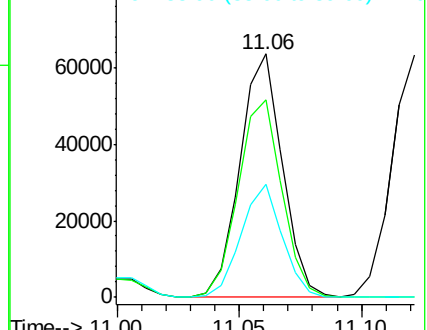
Ion	Ratio	Lower	Upper
75	100		
53	83.6	73.1	109.7
89	45.3	36.7	55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 48.121 ug/l

RT: 11.49 min Scan# 1707

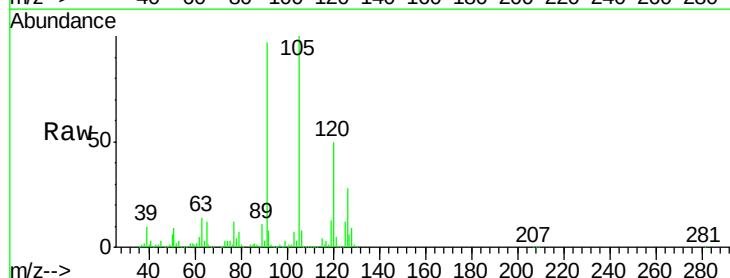
Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

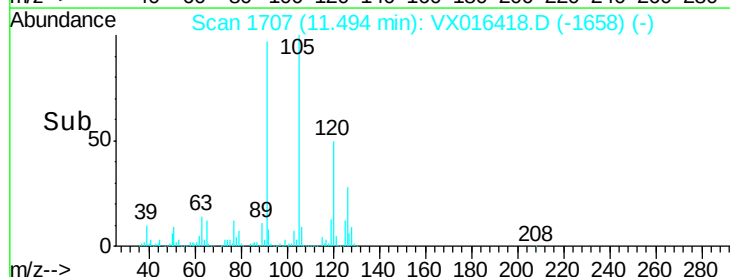
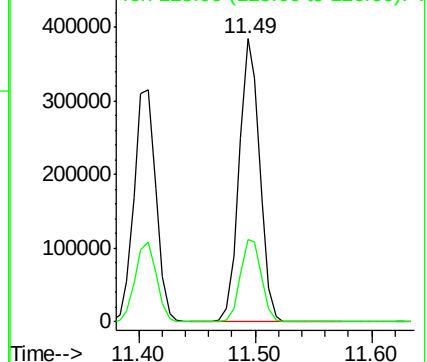
Tgt Ion: 91 Resp: 473531

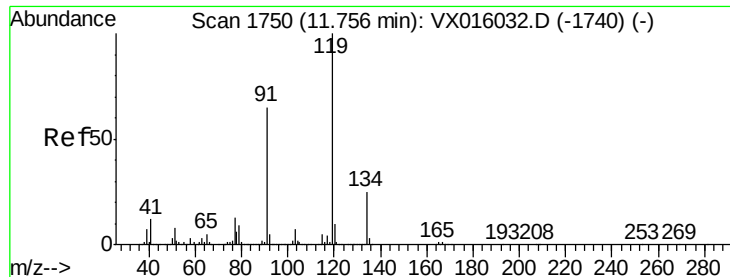
Ion	Ratio	Lower	Upper
91	100		
126	30.1	14.8	44.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

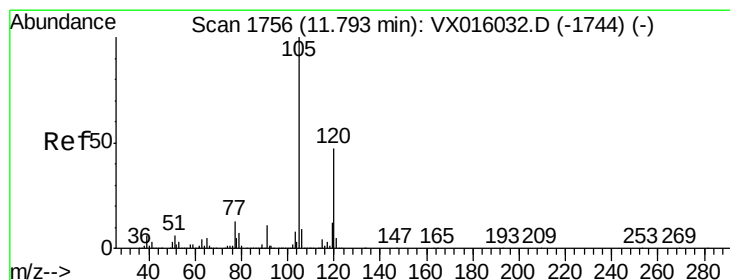
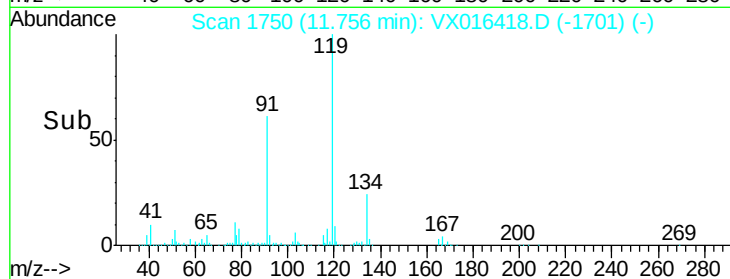
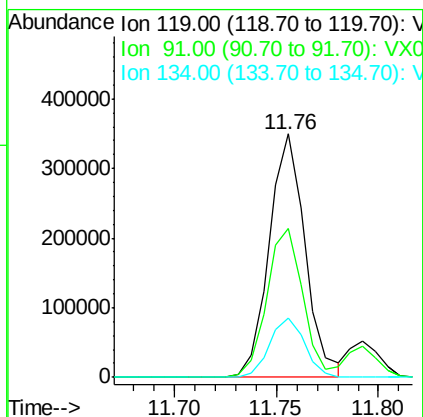
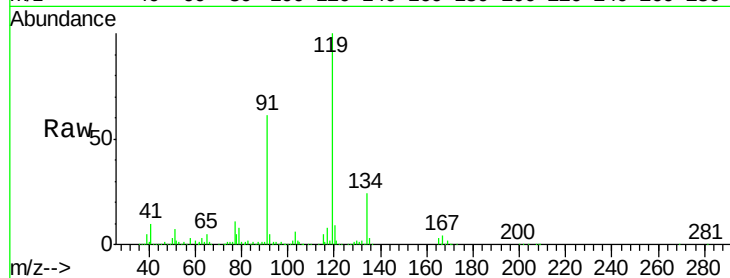




#83
 tert-Butylbenzene
 Concen: 48.648 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016418.D
 Acq: 22 May 2020 17:30

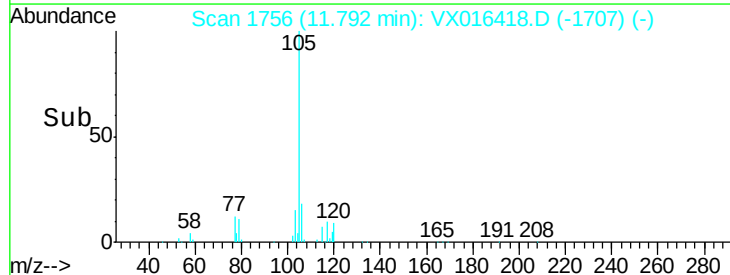
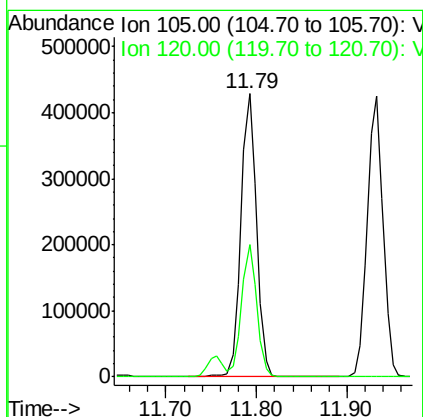
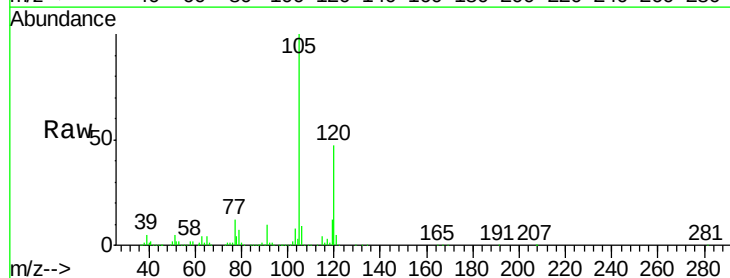
Instrument :
 MSVOA_X
 ClientSampleId :

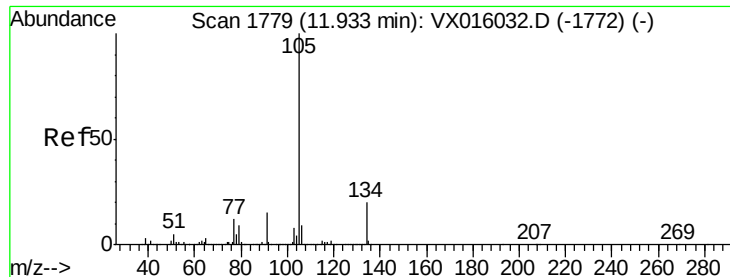
Tot Ion	Ratio	Lower	Upper
119	100		
91	60.8	32.8	98.4
134	23.9	12.4	37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 49.205 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016418.D
 Acq: 22 May 2020 17:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	23.0	69.0





#85

sec-Butylbenzene

Concen: 43.202 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Instrument :

MSVOA_X

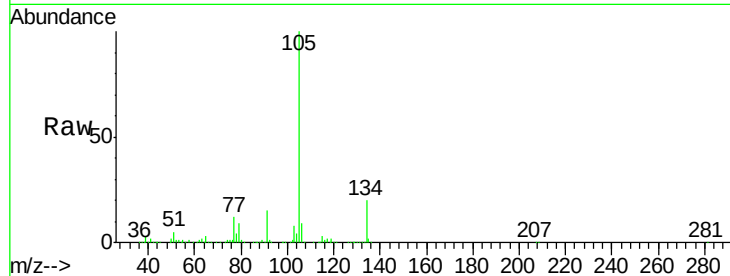
ClientSampleId :

Tot Ion:105 Resp: 515062

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

400000

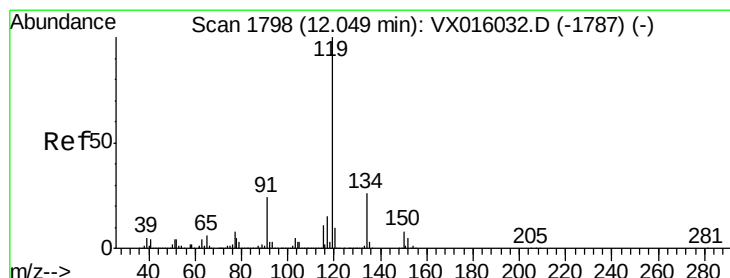
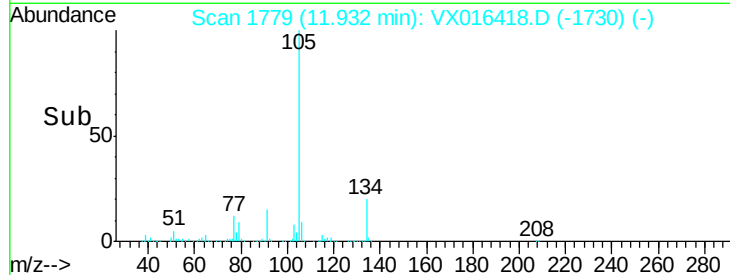
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 45.012 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

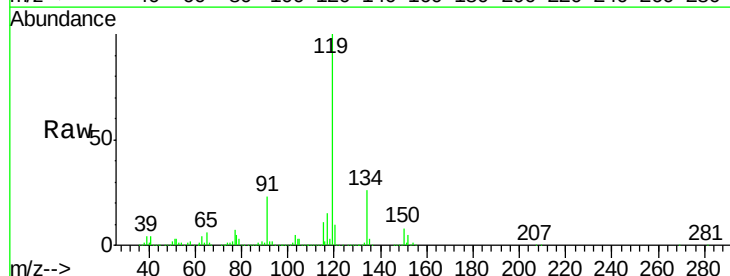
Tgt Ion:119 Resp: 498240

Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.3

91 22.9 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.05

600000

500000

400000

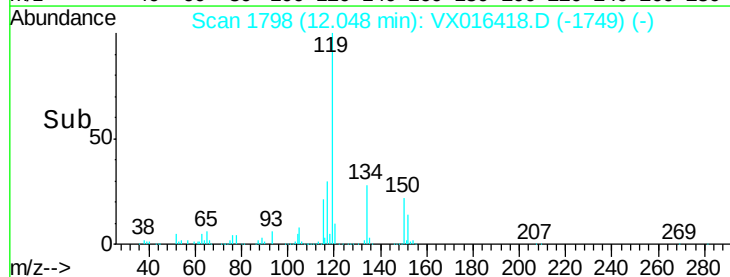
300000

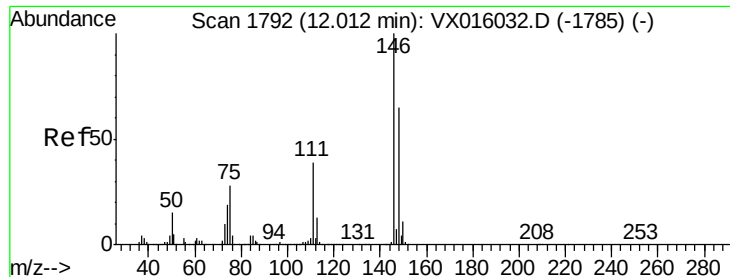
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 48.001 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

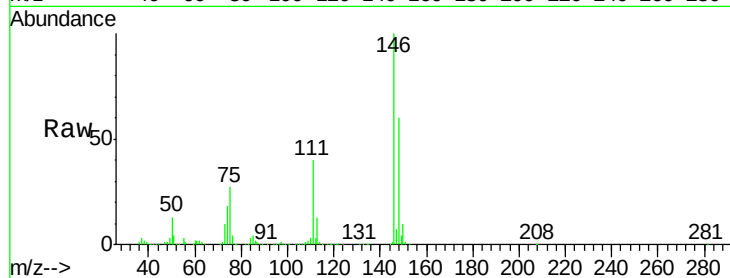
Tot Ion:146 Resp: 269965

Ion Ratio Lower Upper

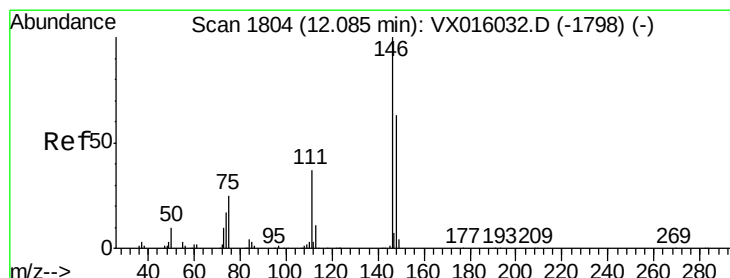
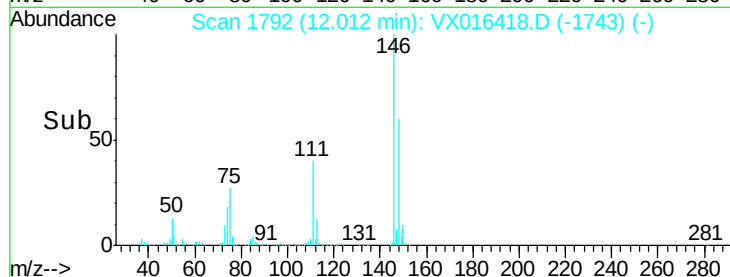
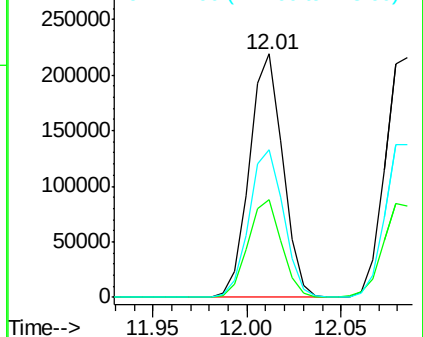
146 100

111 40.3 20.2 60.6

148 62.3 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 47.523 ug/l

RT: 12.08 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

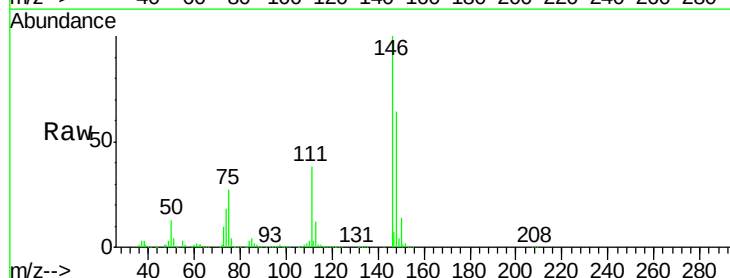
Tgt Ion:146 Resp: 271277

Ion Ratio Lower Upper

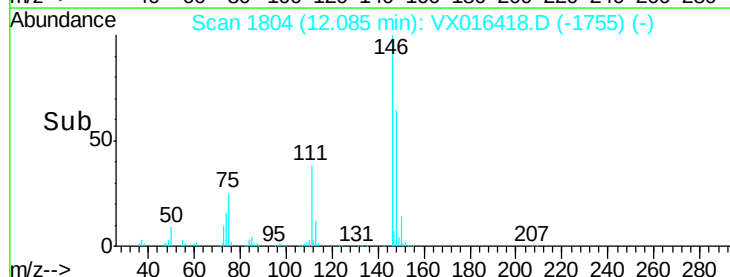
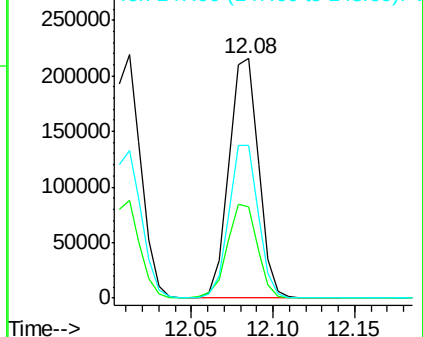
146 100

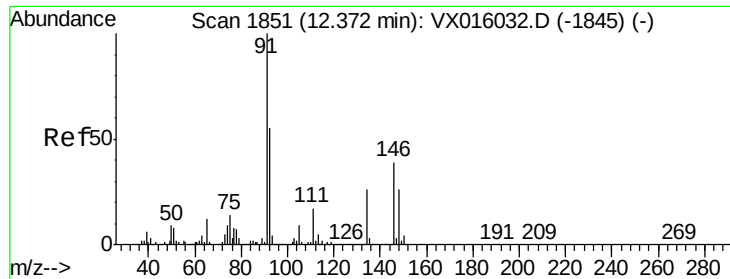
111 39.8 19.6 58.7

148 63.6 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: 40.065 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

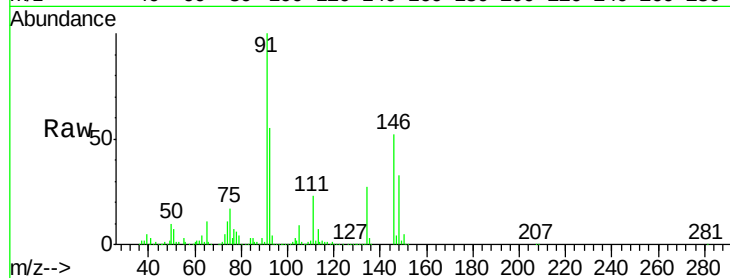
Tot Ion: 91 Resp: 405144

Ion Ratio Lower Upper

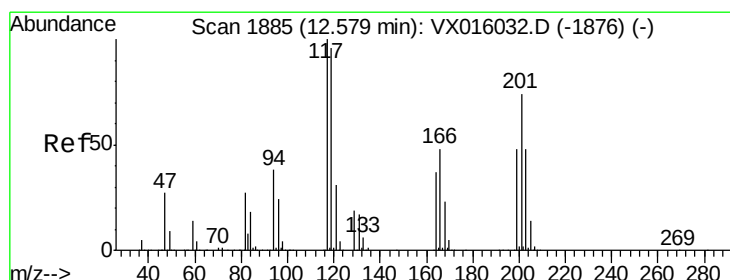
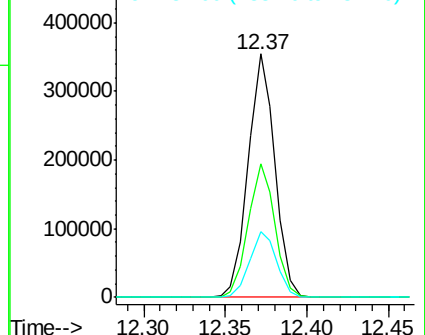
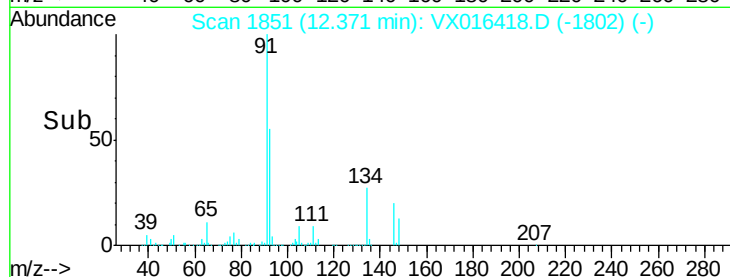
91 100

92 54.8 27.6 82.7

134 27.4 13.4 40.1



Abundance Ion 91.00 (90.70 to 91.70): VX016418.D (-1802) (-)



#90

Hexachloroethane

Concen: 45.933 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016418.D

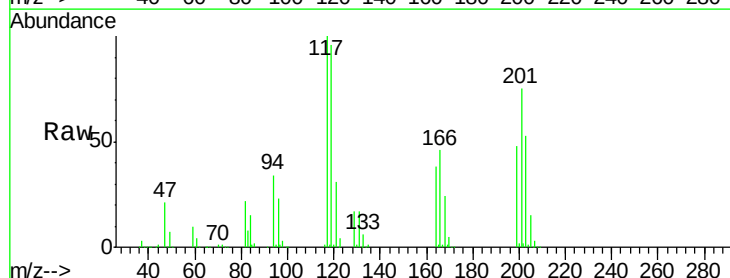
Acq: 22 May 2020 17:30

Tgt Ion: 117 Resp: 87320

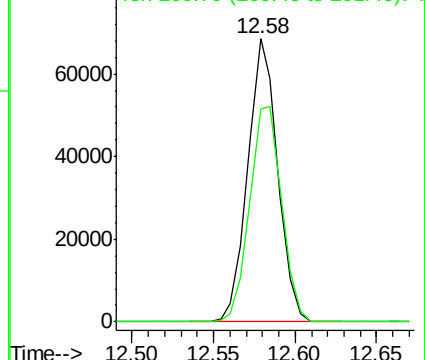
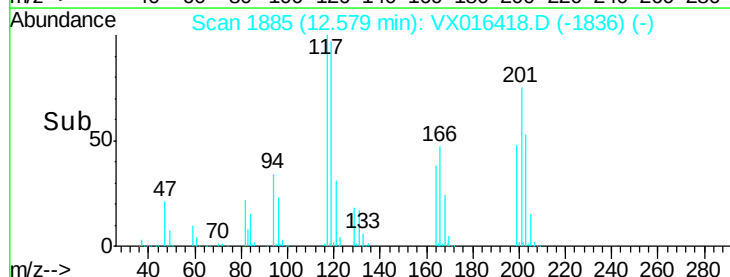
Ion Ratio Lower Upper

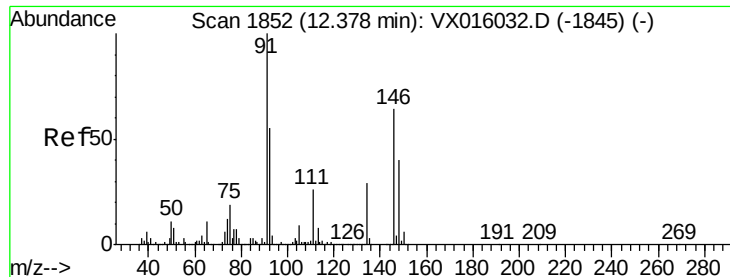
117 100

201 81.5 39.8 119.3



Abundance Ion 116.80 (116.50 to 117.50): VX016418.D (-1836) (-)

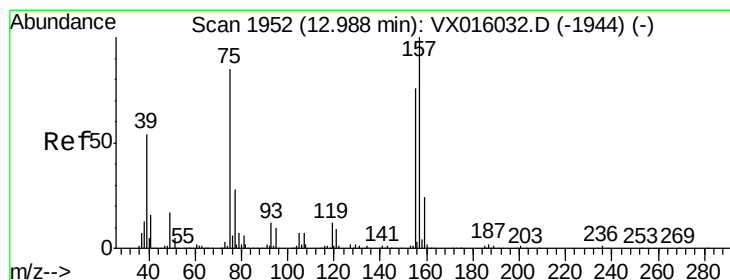
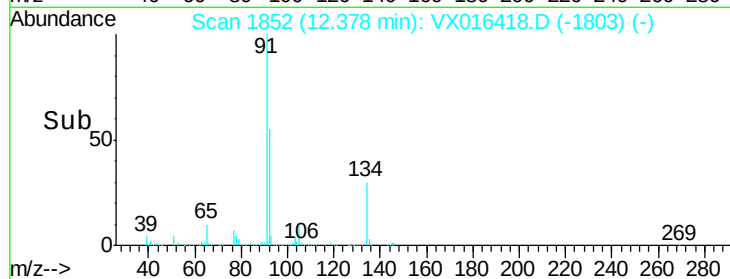
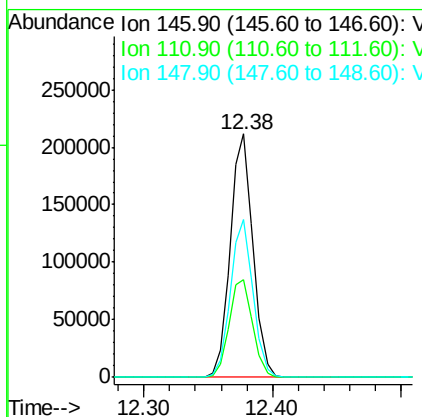
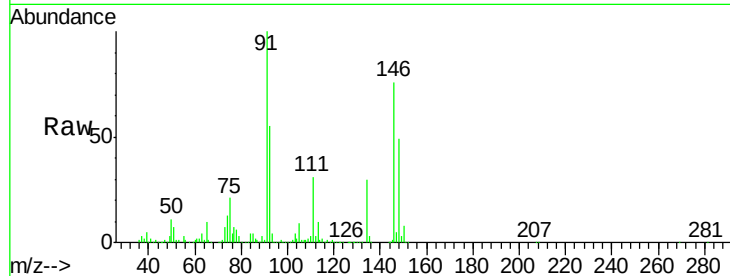




#91
 1,2-Dichlorobenzene
 Concen: 48.132 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016418.D
 Acq: 22 May 2020 17:30

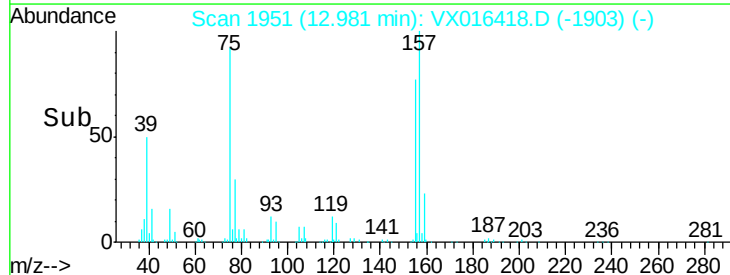
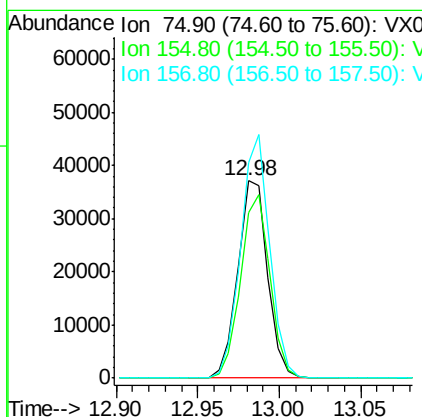
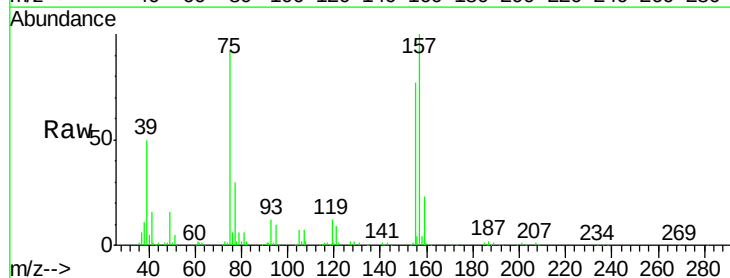
Instrument :
 MSVOA_X
 ClientSampled :

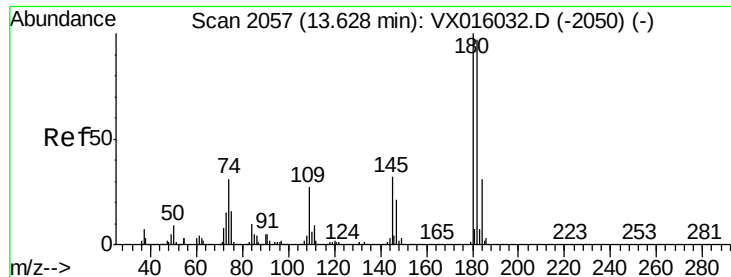
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.1	63.1
148	64.3	32.4	97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.338 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016418.D
 Acq: 22 May 2020 17:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.7	42.5	127.5
157	119.9	55.3	165.8

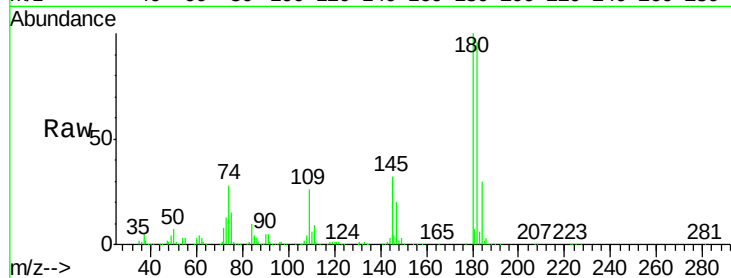




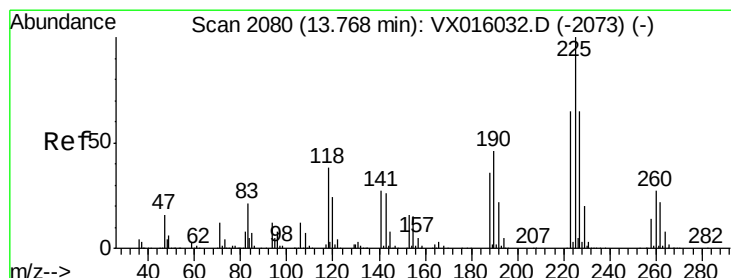
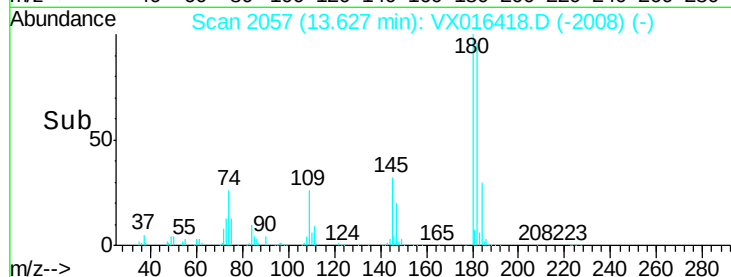
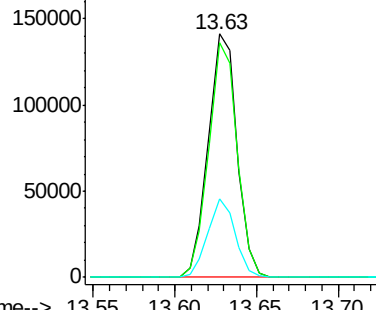
#93
 1,2,4-Trichlorobenzene
 Concen: 43.308 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016418.D
 Acq: 22 May 2020 17:30

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 173638
 Ion Ratio Lower Upper
 180 100
 182 95.4 48.7 146.1
 145 30.9 15.7 47.1

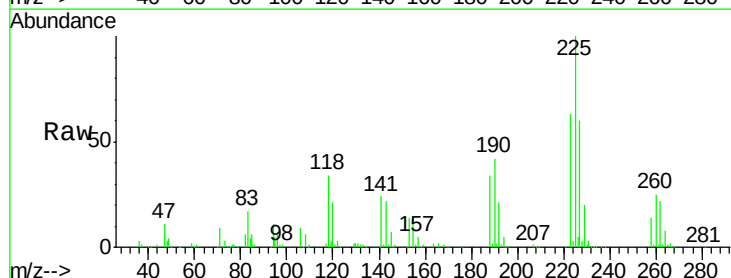


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

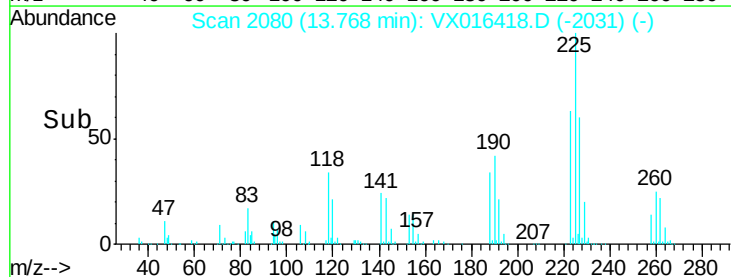
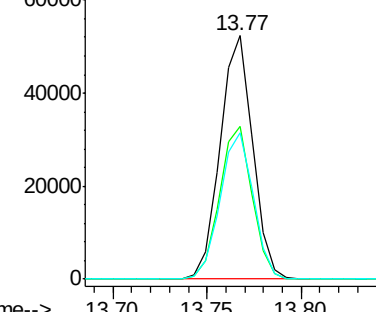


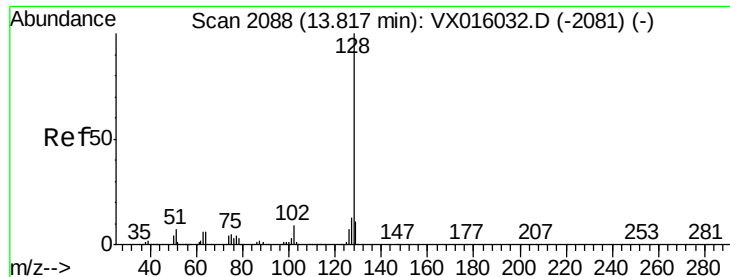
#94
 Hexachlorobutadiene
 Concen: 36.356 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016418.D
 Acq: 22 May 2020 17:30

Tgt Ion:225 Resp: 62518
 Ion Ratio Lower Upper
 225 100
 223 62.9 32.3 96.9
 227 61.4 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: 48.368 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

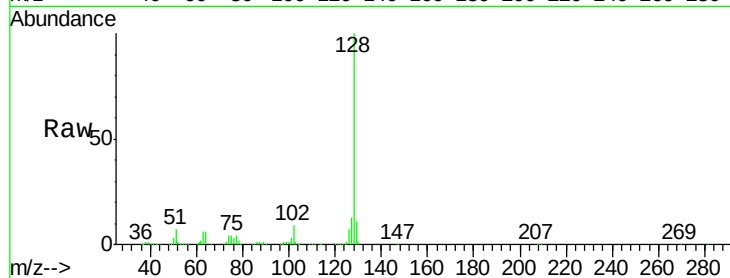
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:128 Resp: 627930

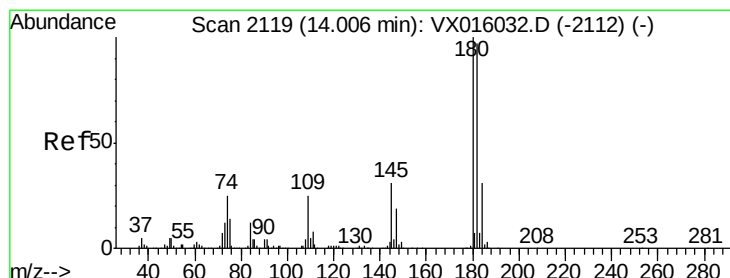
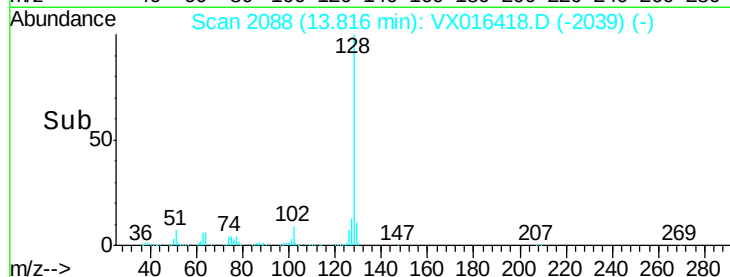
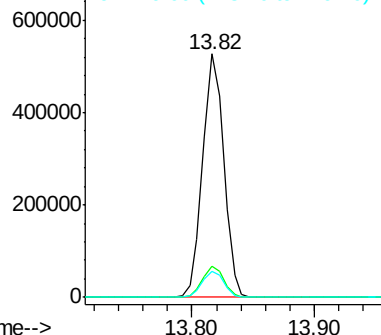
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.9	8.7	13.1



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: 43.169 ug/l

RT: 14.01 min Scan# 2119

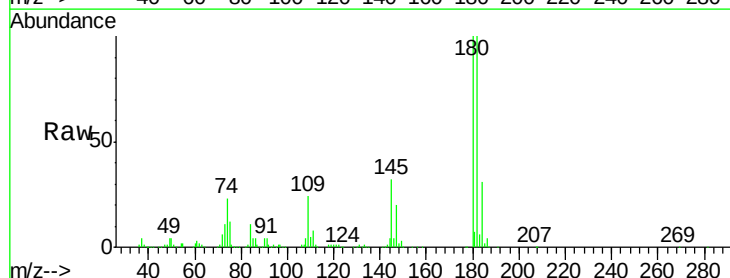
Delta R.T. -0.00 min

Lab File: VX016418.D

Acq: 22 May 2020 17:30

Tgt Ion:180 Resp: 169156

Ion	Ratio	Lower	Upper
180	100		
182	97.3	48.4	145.0
145	33.2	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

