

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082120\
 Data File : VX018051.D
 Acq On : 21 Aug 2020 12:04
 Operator : JC/SP
 Sample : VX0821WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 21 23:50:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	638676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	997923	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	874640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	460345	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	410122	46.26	ug/l	0.00
Spiked Amount			Recovery	=	92.52%	
35) Dibromofluoromethane	5.46	113	326579	48.05	ug/l	0.00
Spiked Amount			Recovery	=	96.10%	
50) Toluene-d8	8.70	98	1121320	44.30	ug/l	0.00
Spiked Amount			Recovery	=	88.60%	
62) 4-Bromofluorobenzene	11.12	95	442918	44.47	ug/l	0.00
Spiked Amount			Recovery	=	88.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	148730	19.127	ug/l	100
3) Chloromethane	1.31	50	143474	17.501	ug/l	98
4) Vinyl Chloride	1.39	62	147625	18.089	ug/l	97
5) Bromomethane	1.63	94	97893	24.870	ug/l	96
6) Chloroethane	1.72	64	87450	19.951	ug/l	98
7) Trichlorofluoromethane	1.92	101	224195	20.147	ug/l	99
8) Diethyl Ether	2.17	74	75067	19.892	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	114142	18.973	ug/l	96
10) Methyl Iodide	2.49	142	106471	20.079	ug/l	99
11) Tert butyl alcohol	3.01	59	147223	85.398	ug/l	98
12) 1,1-Dichloroethene	2.36	96	109570	17.555	ug/l	94
13) Acrolein	2.27	56	64842	90.710	ug/l	97
14) Allyl chloride	2.71	41	211468	18.858	ug/l	99
15) Acrylonitrile	3.12	53	354143	90.560	ug/l	99
16) Acetone	2.42	43	306128	88.607	ug/l	98
17) Carbon Disulfide	2.55	76	347438	18.414	ug/l	99
18) Methyl Acetate	2.75	43	149202	17.896	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	427062	19.951	ug/l	99
20) Methylene Chloride	2.83	84	139846	19.074	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	133414	19.293	ug/l	96
22) Diisopropyl ether	3.82	45	452805	20.459	ug/l	93
23) Vinyl Acetate	3.78	43	1994170	101.261	ug/l	99
24) 1,1-Dichloroethane	3.67	63	249552	19.808	ug/l	98
25) 2-Butanone	4.64	43	517279	91.102	ug/l	96
26) 2,2-Dichloropropane	4.55	77	222118	21.668	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	152955	19.198	ug/l	99
28) Bromochloromethane	4.97	49	116601	19.174	ug/l	98
29) Tetrahydrofuran	5.09	42	328734	90.948	ug/l	100
30) Chloroform	5.18	83	255865	19.614	ug/l	98
31) Cyclohexane	5.55	56	217114	20.458	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	235493	19.671	ug/l	100
36) 1,1-Dichloropropene	5.77	75	188697	20.501	ug/l	100
37) Ethyl Acetate	4.79	43	207292	19.391	ug/l	98
38) Carbon Tetrachloride	5.75	117	210478	20.291	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	212811	21.144	ug/l	98
40) Benzene	6.11	78	547090	20.228	ug/l	100
41) Methacrylonitrile	5.00	41	109354	18.630	ug/l	97
42) 1,2-Dichloroethane	6.16	62	208714	20.142	ug/l	99
43) Isopropyl Acetate	6.41	43	328317	19.014	ug/l	99
44) Trichloroethene	7.19	130	152552	19.962	ug/l	95
45) 1,2-Dichloropropane	7.49	63	145877	20.012	ug/l	96
46) Dibromomethane	7.63	93	96306	18.788	ug/l	100
47) Bromodichloromethane	7.87	83	201510	19.688	ug/l	98
48) Methyl methacrylate	7.74	41	153666	17.877	ug/l	99
49) 1,4-Dioxane	7.71	88	54700	351.316	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	915542	85.839	ug/l	100
52) Toluene	8.76	92	316368	18.447	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	217799	19.200	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	229424	19.092	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	134613	18.404	ug/l	97
56) Ethyl methacrylate	9.16	69	194644	17.901	ug/l	99
57) 1,3-Dichloropropane	9.35	76	236731	19.623	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	403444	82.481	ug/l	100
59) 2-Hexanone	9.47	43	711578	87.739	ug/l	98
60) Dibromochloromethane	9.56	129	155336	18.104	ug/l	98
61) 1,2-Dibromoethane	9.65	107	136320	17.167	ug/l	95
64) Tetrachloroethene	9.32	164	142866	22.228	ug/l	95
65) Chlorobenzene	10.12	112	343391	19.658	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	138129	20.063	ug/l	99
67) Ethyl Benzene	10.24	91	648825	21.841	ug/l	100
68) m/p-Xylenes	10.34	106	490992	44.282	ug/l	98
69) o-Xylene	10.68	106	233447	21.719	ug/l	98
70) Styrene	10.70	104	399389	21.819	ug/l	99
71) Bromoform	10.84	173	114137	19.436	ug/l #	96
73) Isopropylbenzene	11.00	105	631332	20.792	ug/l	98
74) N-amyl acetate	10.88	43	284843	19.771	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	196266	18.323	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	236124	23.058	ug/l	86
77) Bromobenzene	11.24	156	163174	19.441	ug/l	98
78) n-propylbenzene	11.34	91	694777	20.151	ug/l	100
79) 2-Chlorotoluene	11.40	91	416462	19.551	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	511350	20.493	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	73049	19.266	ug/l	97
82) 4-Chlorotoluene	11.49	91	482448	19.052	ug/l	99
83) tert-Butylbenzene	11.76	119	500383	20.320	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	521006	20.423	ug/l	100
85) sec-Butylbenzene	11.93	105	576229	20.577	ug/l	99
86) p-Isopropyltoluene	12.05	119	542945	21.108	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	280650	19.044	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	283064	19.184	ug/l	98
89) n-Butylbenzene	12.37	91	490849	20.907	ug/l	99
90) Hexachloroethane	12.58	117	100715	19.901	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	275438	19.856	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	49607	18.522	ug/l	94

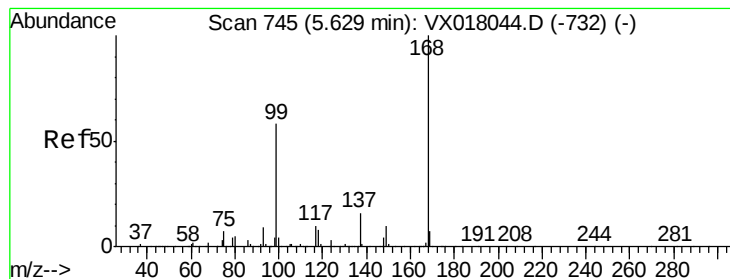
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	182899	19.773	ug/l	100
94) Hexachlorobutadiene	13.77	225	75069	20.575	ug/l	97
95) Naphthalene	13.82	128	576032	18.922	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	179746	19.666	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

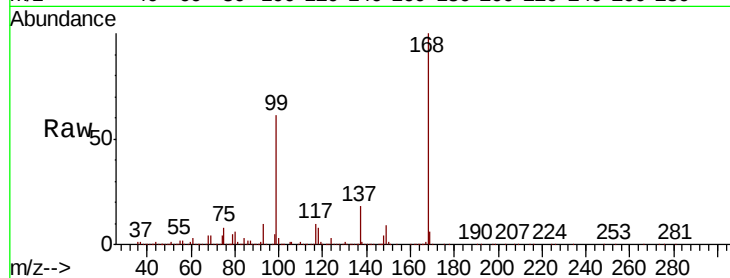
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 638676

Ion Ratio Lower Upper

168 100

99 60.6 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

250000

200000

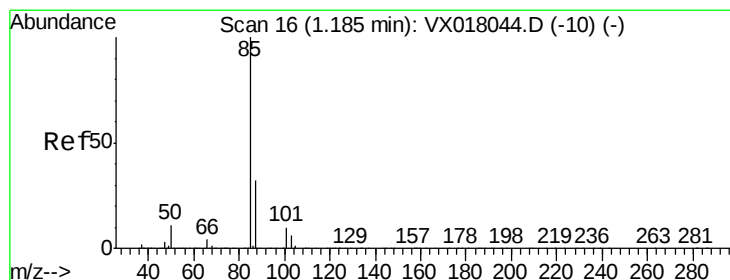
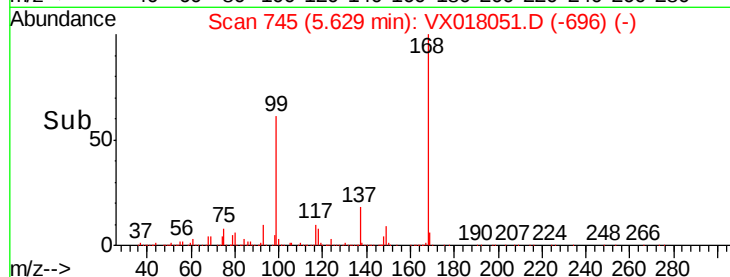
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.127 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018051.D

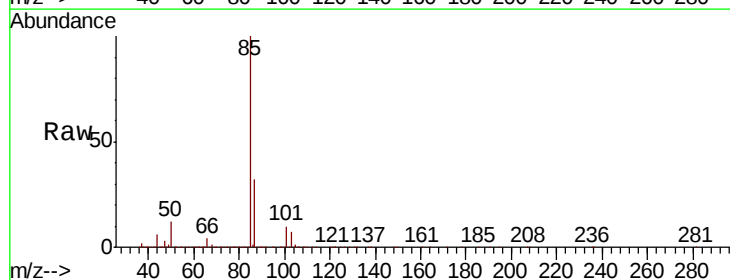
Acq: 21 Aug 2020 12:04

Tgt Ion: 85 Resp: 148730

Ion Ratio Lower Upper

85 100

87 32.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

200000

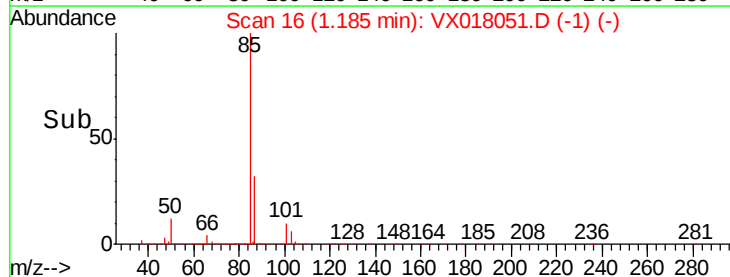
150000

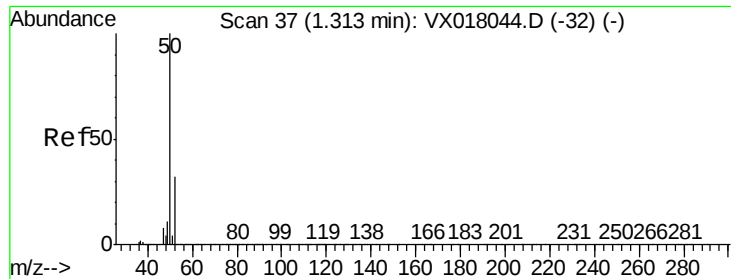
100000

50000

0

Time-->





#3

Chloromethane

Concen: 17.501 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

MSVOA_X

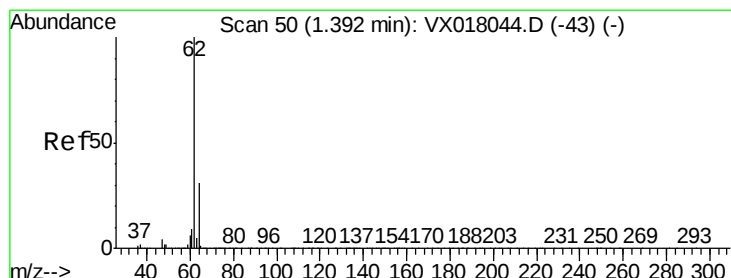
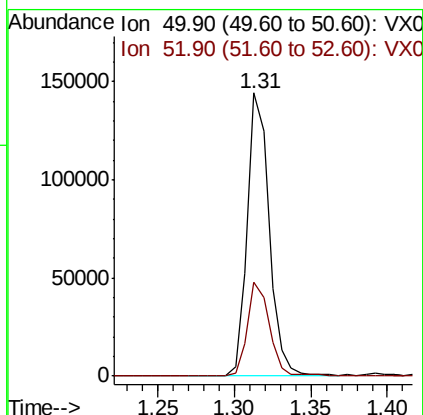
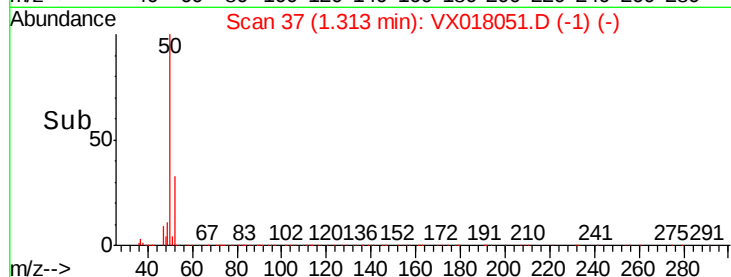
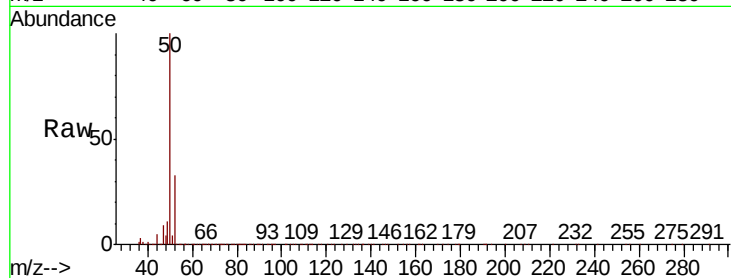
ClientSampleId :

Tot Ion: 50 Resp: 143474

Ion Ratio Lower Upper

50 100

52 33.1 25.4 38.2



#4

Vinyl Chloride

Concen: 18.089 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018051.D

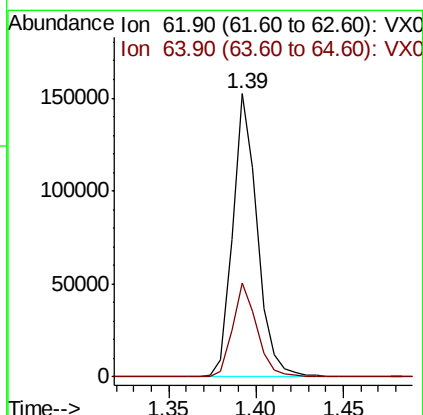
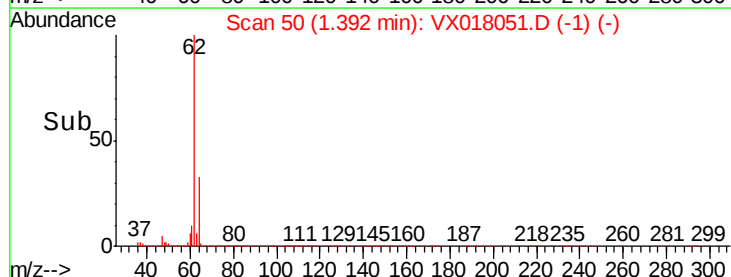
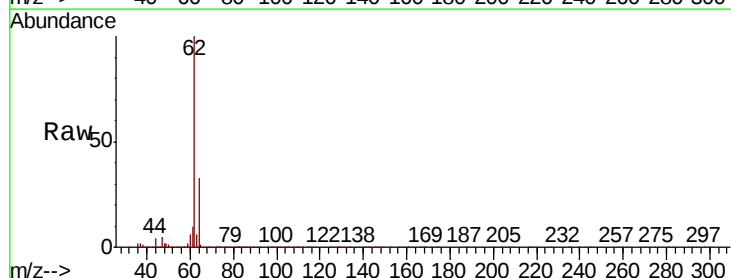
Acq: 21 Aug 2020 12:04

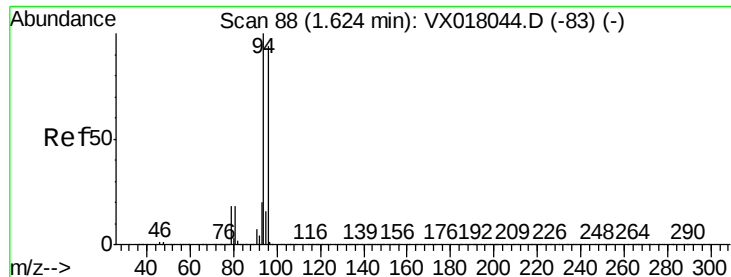
Tgt Ion: 62 Resp: 147625

Ion Ratio Lower Upper

62 100

64 33.2 25.1 37.7





#5

Bromomethane

Concen: 24.870 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

MSVOA_X

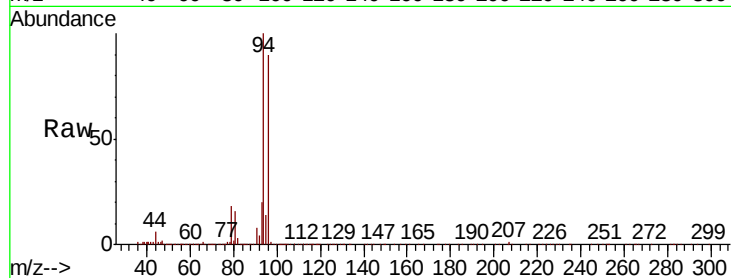
ClientSampleId :

Tot Ion: 94 Resp: 97893

Ion Ratio Lower Upper

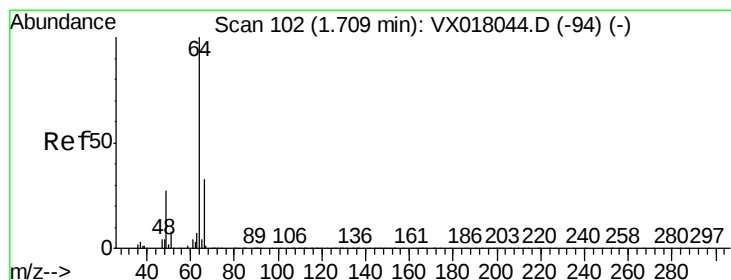
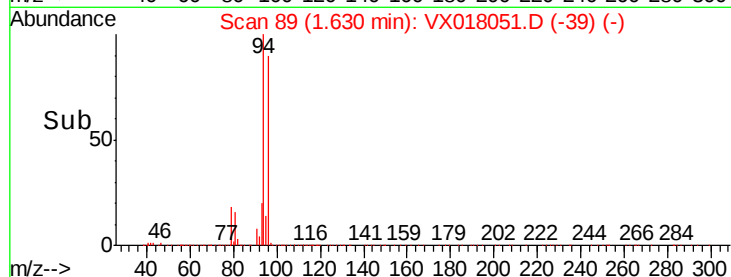
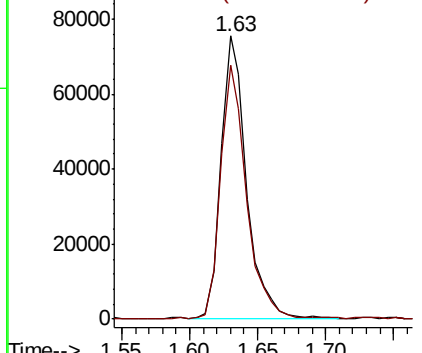
94 100

96 89.7 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.951 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018051.D

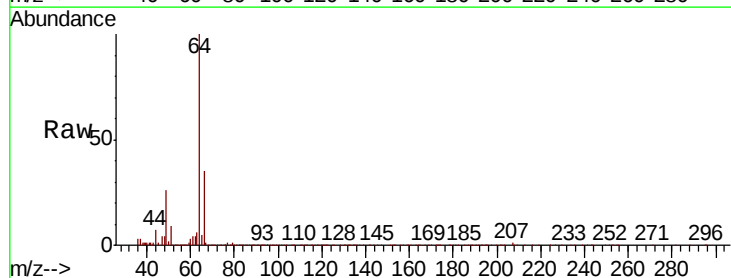
Acq: 21 Aug 2020 12:04

Tgt Ion: 64 Resp: 87450

Ion Ratio Lower Upper

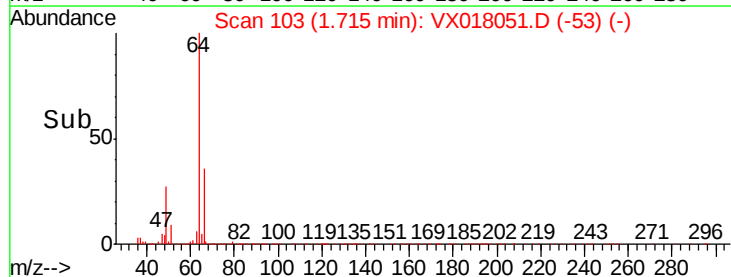
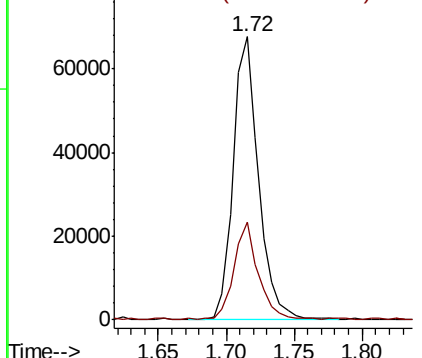
64 100

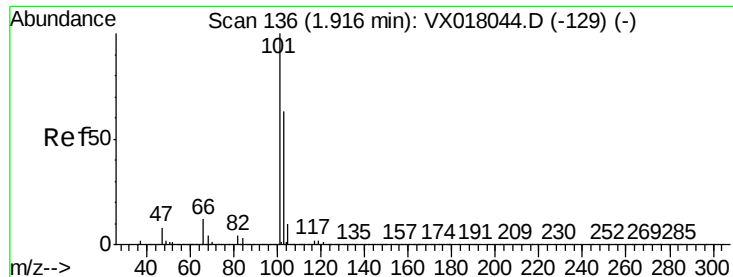
66 34.3 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



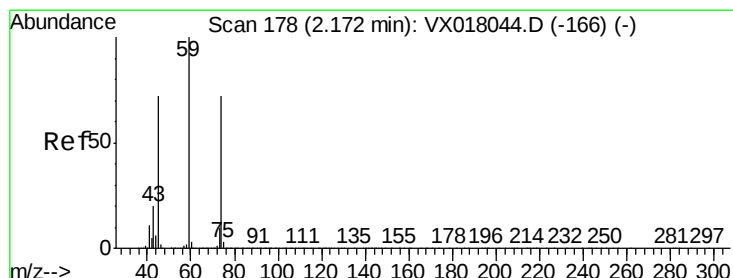
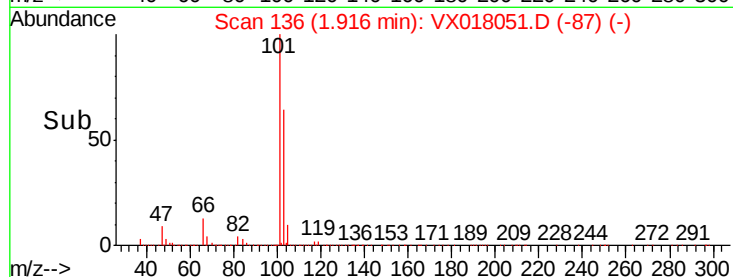
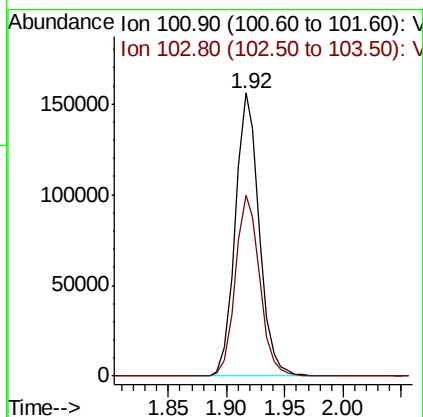
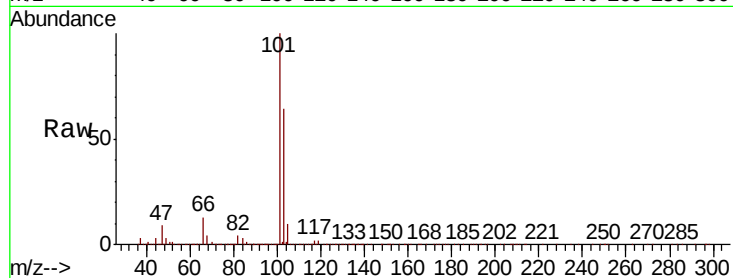


#7

Trichlorofluoromethane
Concen: 20.147 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Instrument :
MSVOA_X
ClientSampleId :

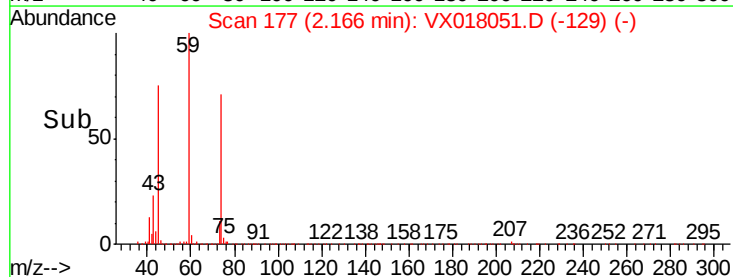
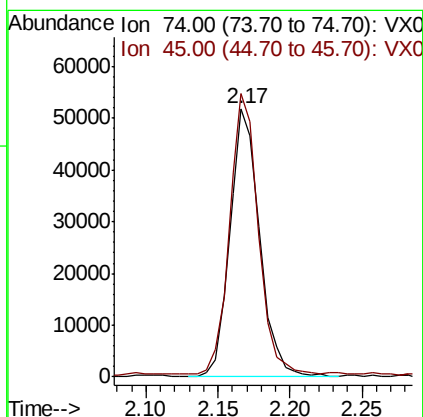
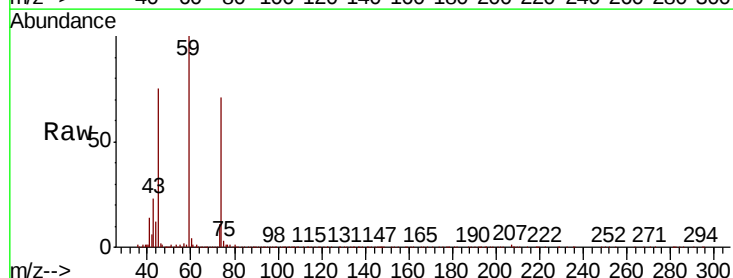
Tot Ion:101 Resp: 224195
Ion Ratio Lower Upper
101 100
103 63.8 50.7 76.1

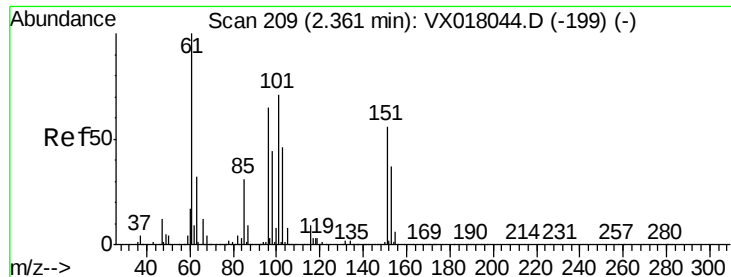


#8

Diethyl Ether
Concen: 19.892 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Tgt Ion: 74 Resp: 75067
Ion Ratio Lower Upper
74 100
45 100.7 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.973 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

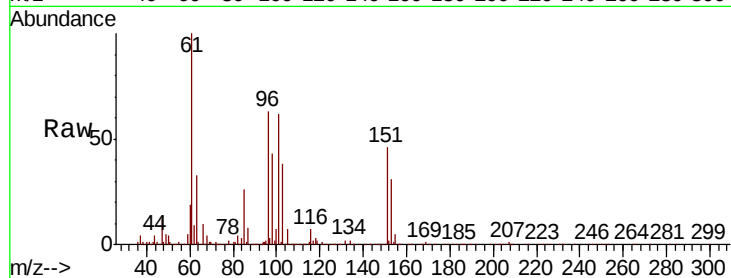
Tot Ion:101 Resp: 114142

Ion Ratio Lower Upper

101 100

85 45.0 34.0 51.0

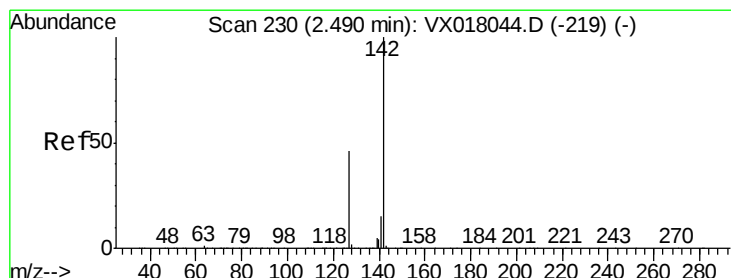
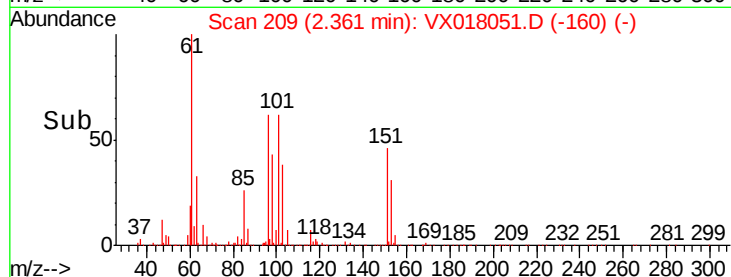
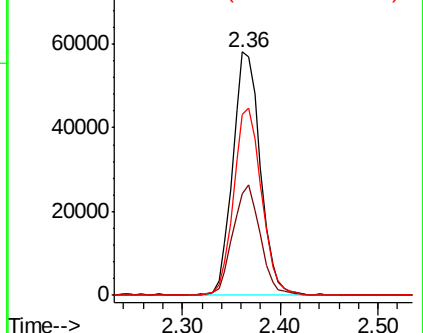
151 77.9 65.2 97.8



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: 20.079 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

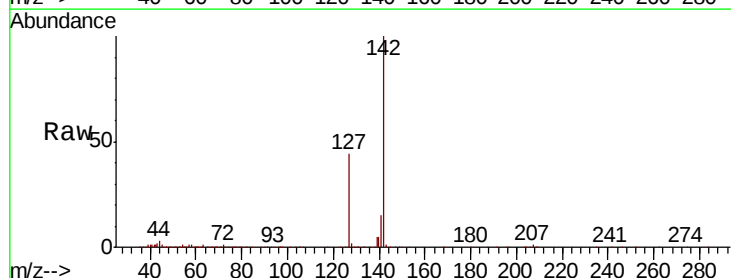
Tgt Ion:142 Resp: 106471

Ion Ratio Lower Upper

142 100

127 45.3 37.0 55.6

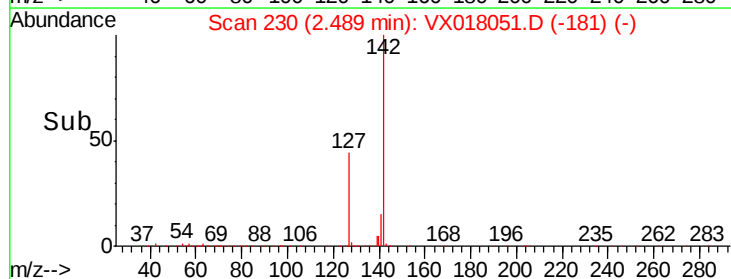
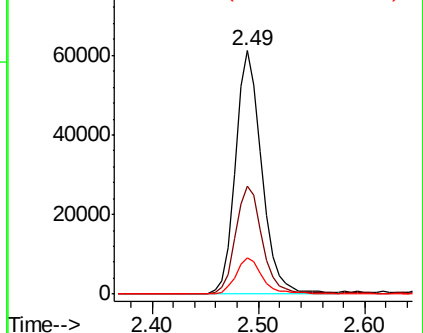
141 15.0 11.5 17.3

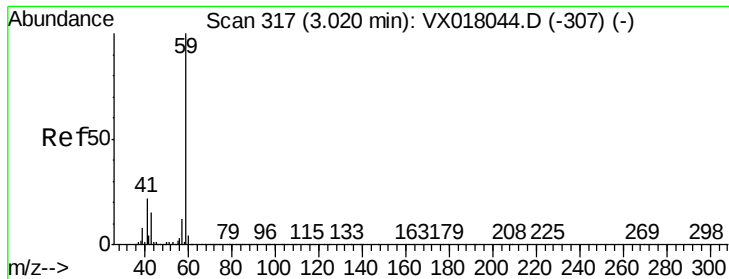


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

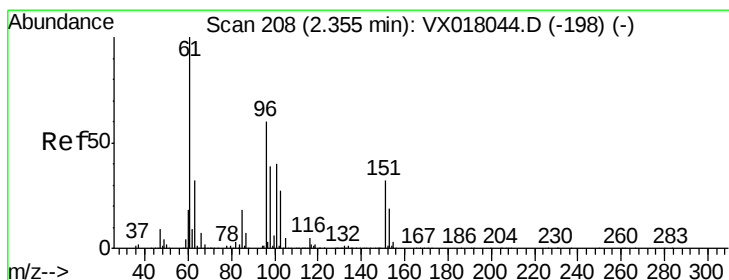
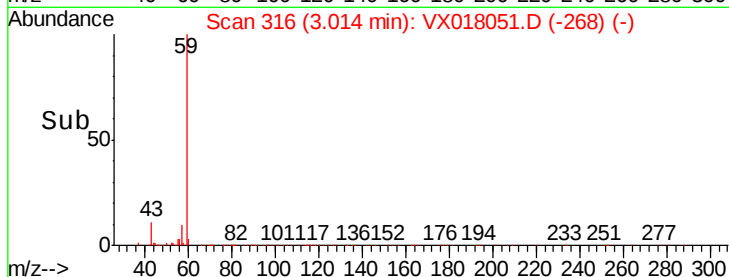
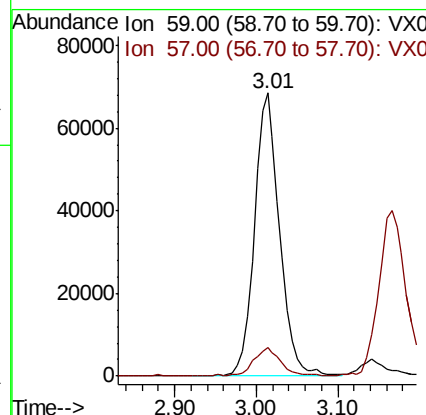
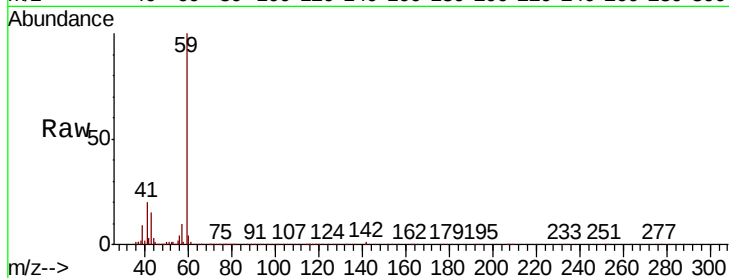




#11
Tert butyl alcohol
Concen: 85.398 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

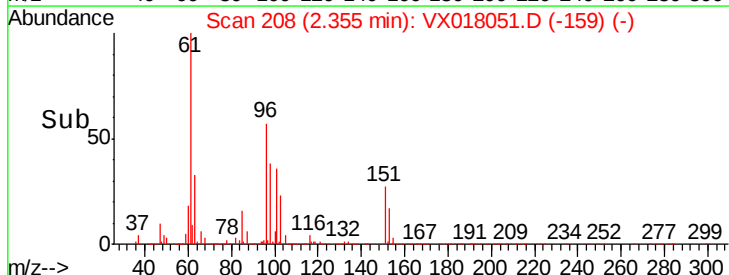
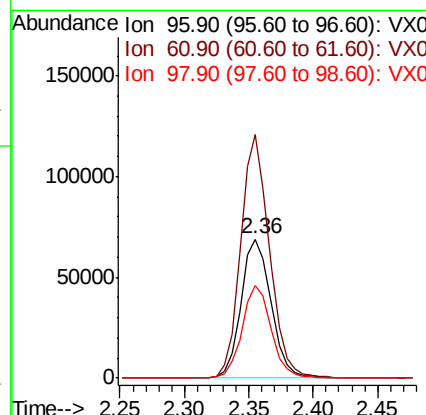
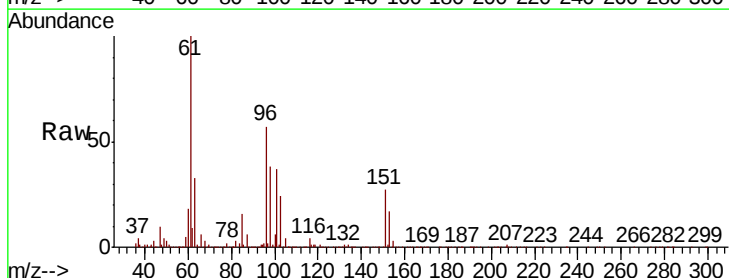
Instrument :
MSVOA_X
ClientSampled :

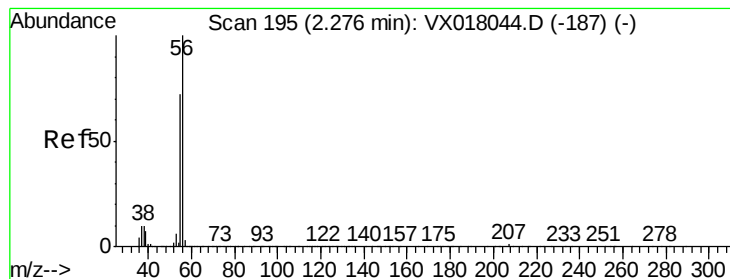
Tot Ion: 59 Resp: 147223
Ion Ratio Lower Upper
59 100
57 10.3 8.9 13.3



#12
1,1-Dichloroethene
Concen: 17.555 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Tgt Ion: 96 Resp: 109570
Ion Ratio Lower Upper
96 100
61 175.3 133.0 199.4
98 66.7 51.6 77.4





#13

Acrolein

Concen: 90.710 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

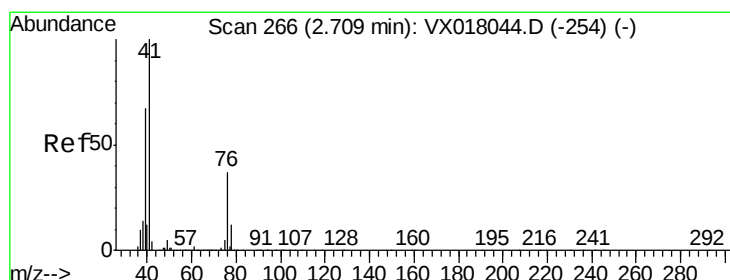
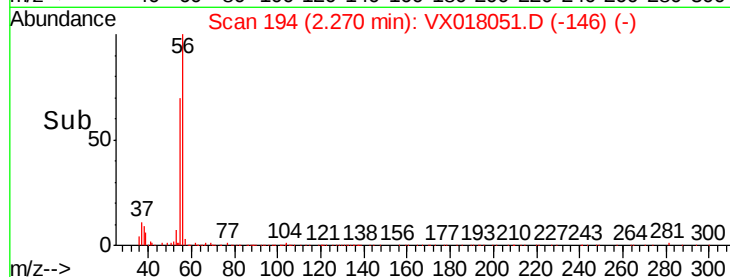
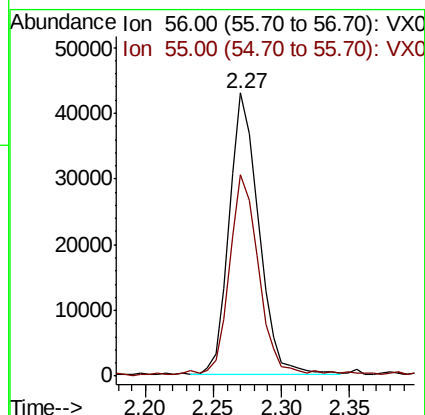
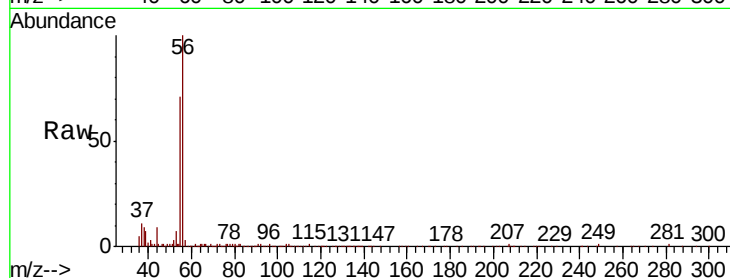
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 64842

Ion Ratio Lower Upper

56 100

55 68.9 57.0 85.6



#14

Allyl chloride

Concen: 18.858 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

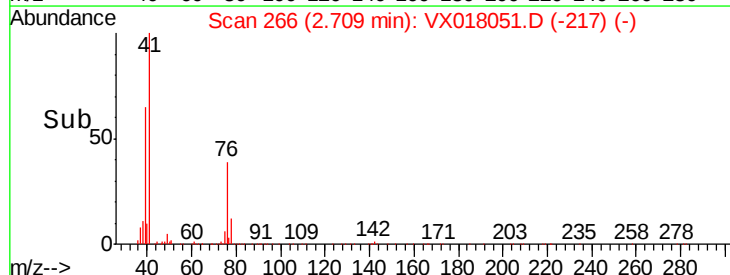
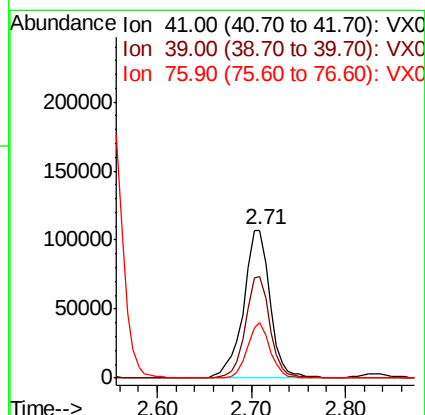
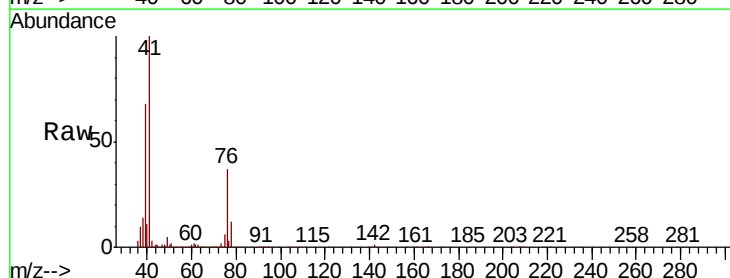
Tgt Ion: 41 Resp: 211468

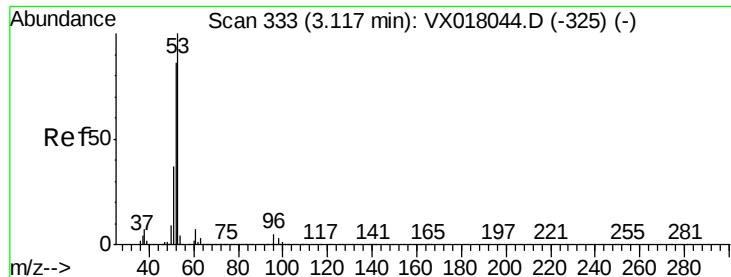
Ion Ratio Lower Upper

41 100

39 62.9 50.6 76.0

76 32.2 26.2 39.2





#15

Acrylonitrile

Concen: 90.560 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

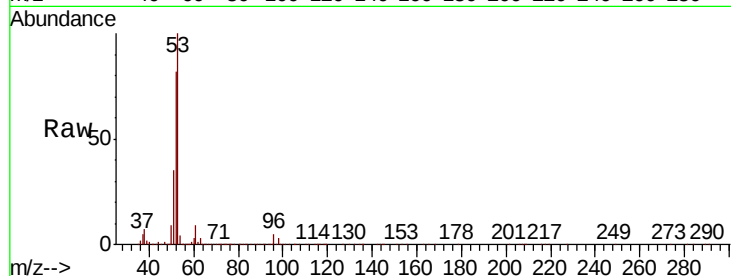
Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 53 Resp: 354143

Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.9	100.3
51	36.3	28.7	43.1

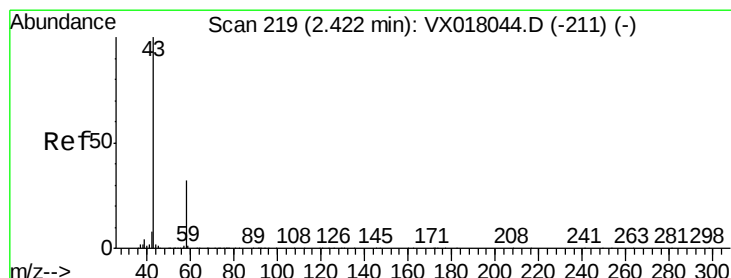
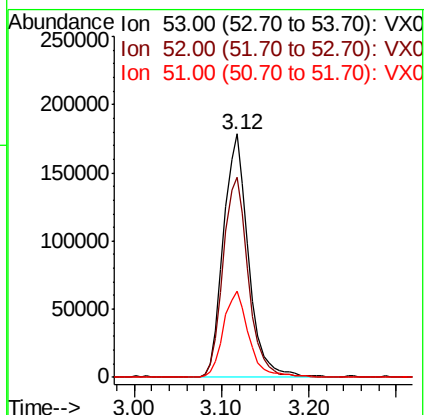
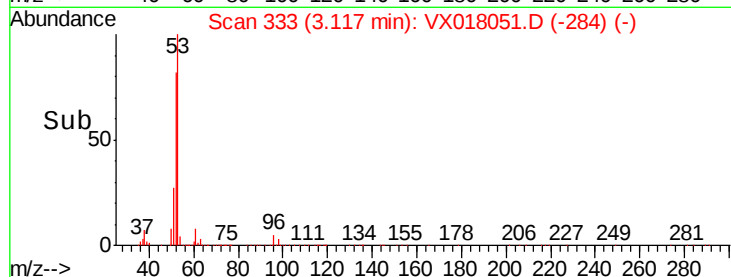


Abundance

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: 88.607 ug/l

RT: 2.42 min Scan# 218

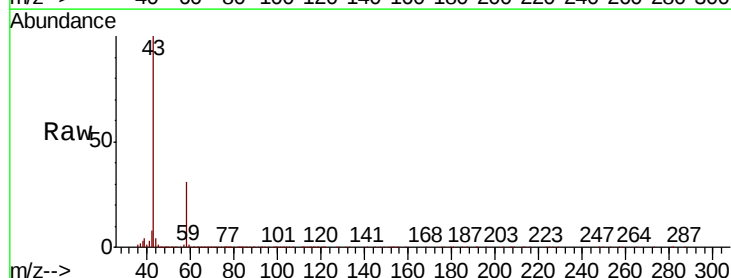
Delta R.T. -0.01 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Tgt Ion: 43 Resp: 306128

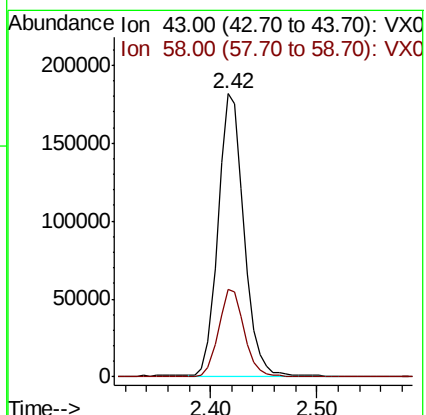
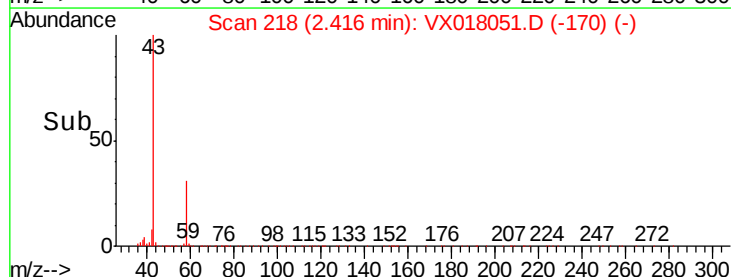
Ion	Ratio	Lower	Upper
43	100		
58	30.9	25.5	38.3

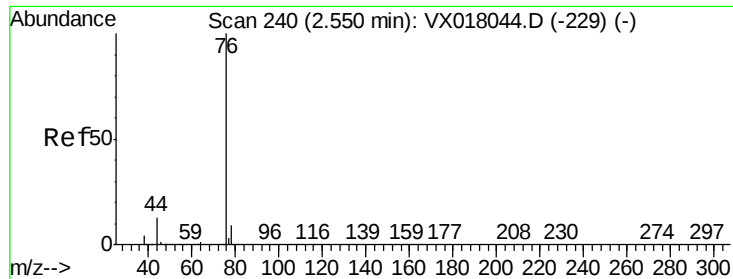


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.414 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

MSVOA_X

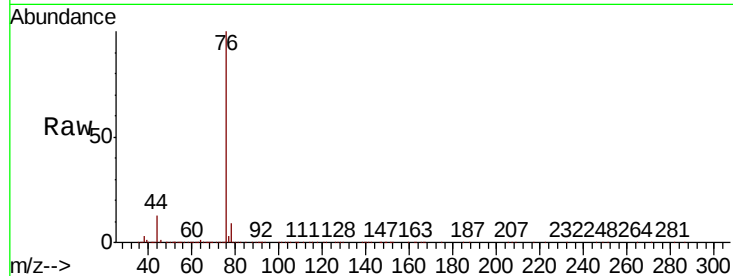
ClientSampleId :

Tot Ion: 76 Resp: 347438

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

200000

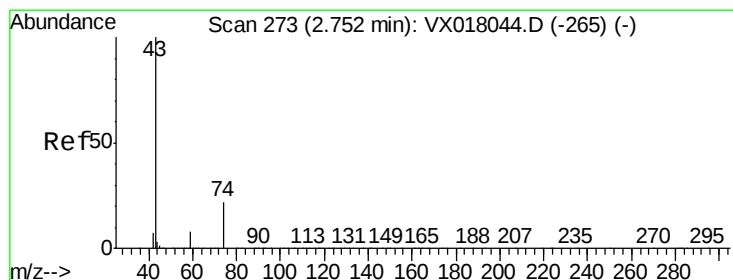
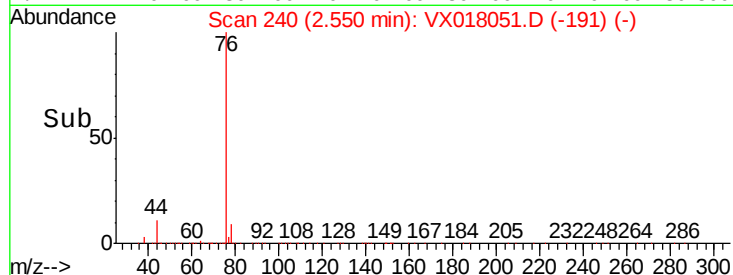
150000

100000

50000

0

Time--> 2.45 2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 17.896 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018051.D

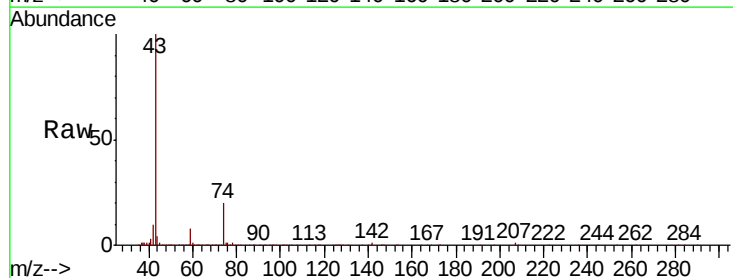
Acq: 21 Aug 2020 12:04

Tgt Ion: 43 Resp: 149202

Ion Ratio Lower Upper

43 100

74 22.5 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

80000

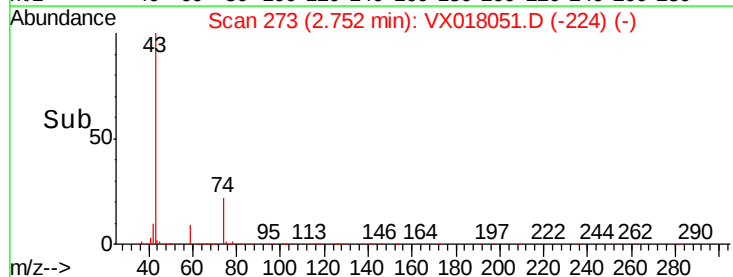
60000

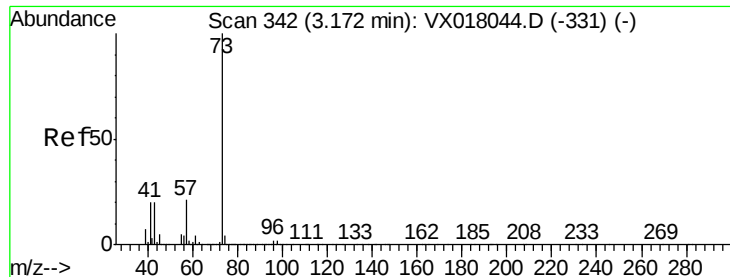
40000

20000

0

Time--> 2.70 2.80



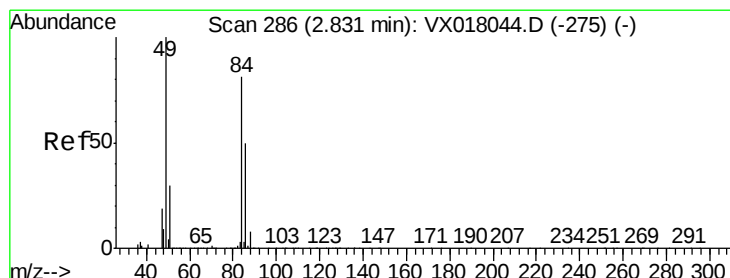
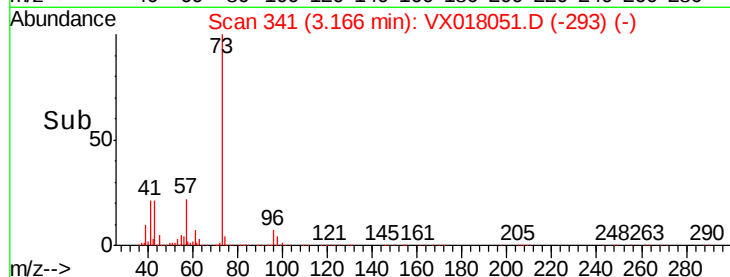
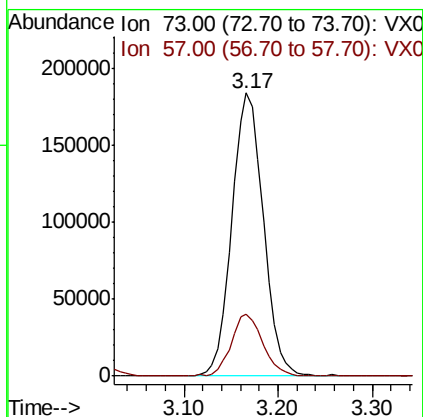
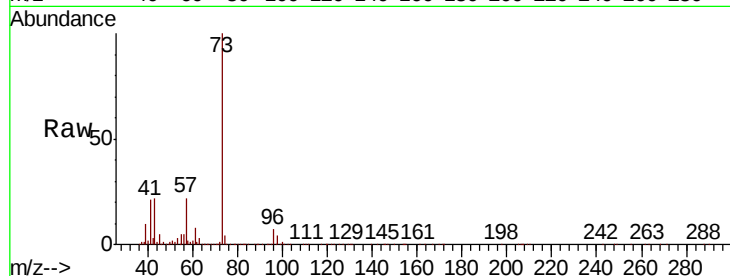


#19

Methyl tert-butyl Ether
 Concen: 19.951 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX018051.D
 Acq: 21 Aug 2020 12:04

Instrument :
 MSVOA_X
 ClientSampleId :

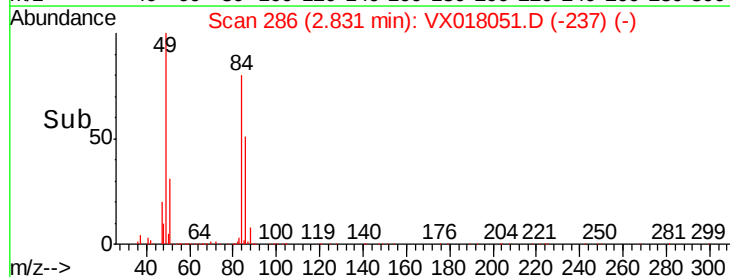
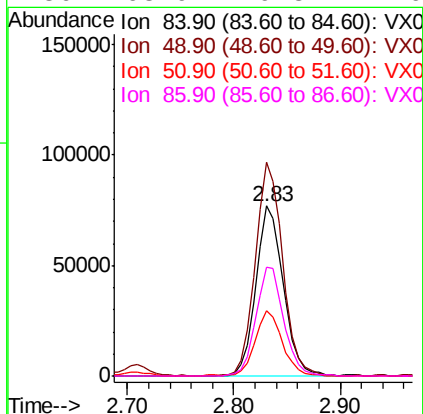
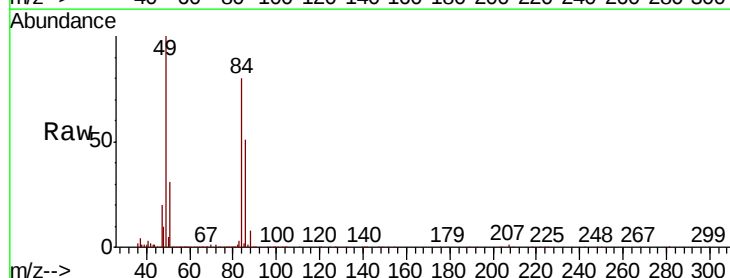
Tot Ion: 73 Resp: 427062
 Ion Ratio Lower Upper
 73 100
 57 21.6 16.8 25.2

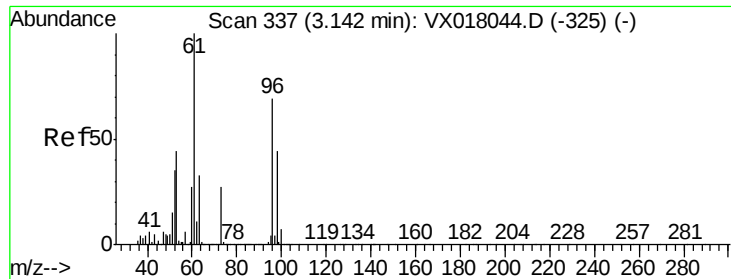


#20

Methylene Chloride
 Concen: 19.074 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX018051.D
 Acq: 21 Aug 2020 12:04

Tgt Ion: 84 Resp: 139846
 Ion Ratio Lower Upper
 84 100
 49 125.7 98.6 148.0
 51 38.6 29.6 44.4
 86 63.9 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 19.293 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

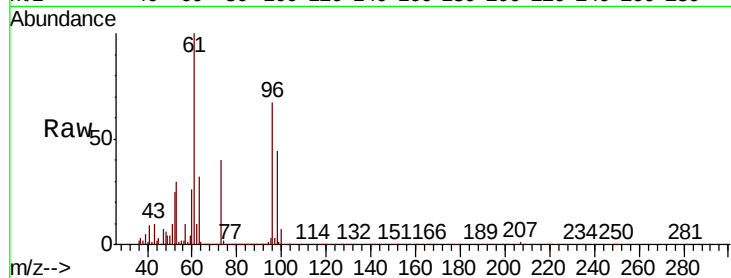
Tot Ion: 96 Resp: 133414

Ion Ratio Lower Upper

96 100

61 149.0 115.4 173.0

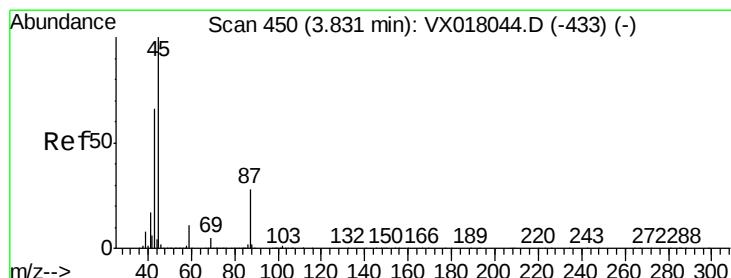
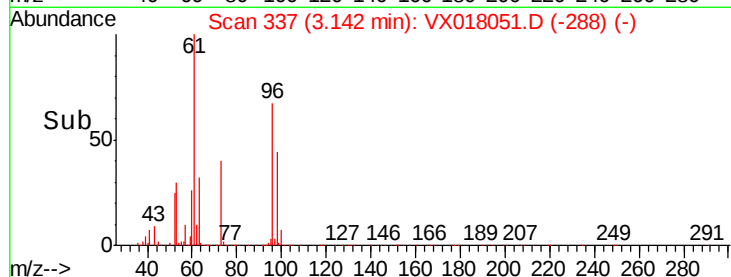
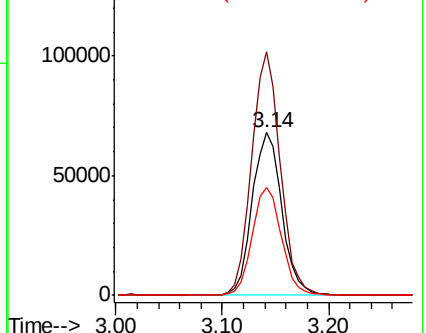
98 66.4 51.1 76.7



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: 20.459 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Tgt Ion: 45 Resp: 452805

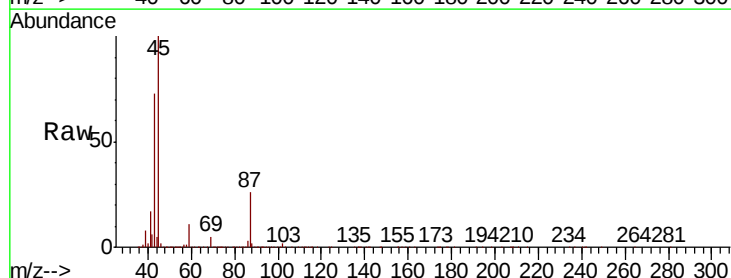
Ion Ratio Lower Upper

45 100

43 73.2 52.8 79.2

87 25.9 22.5 33.7

59 10.5 9.0 13.6

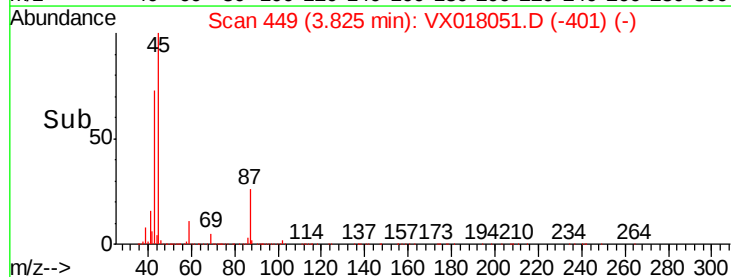
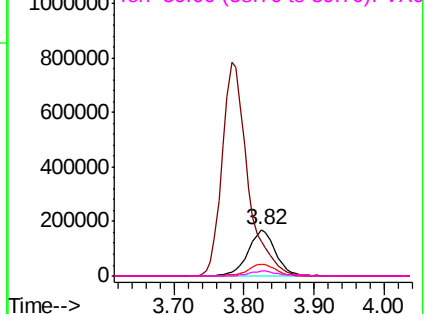


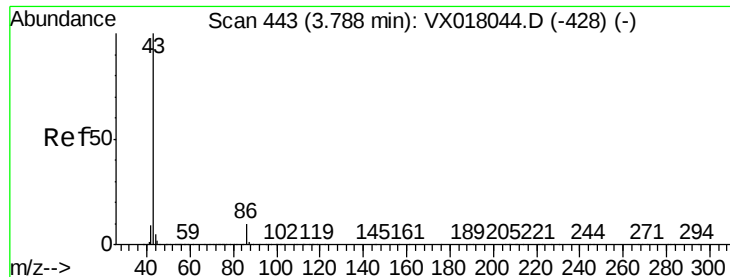
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 101.261 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

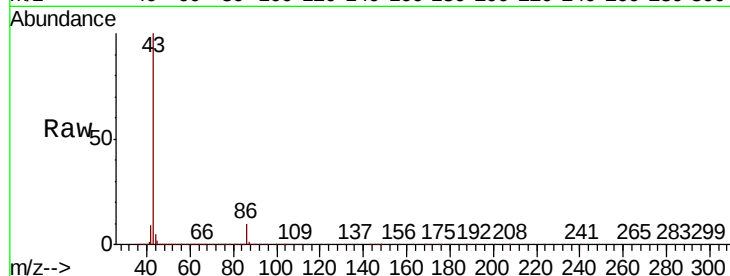
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1994170

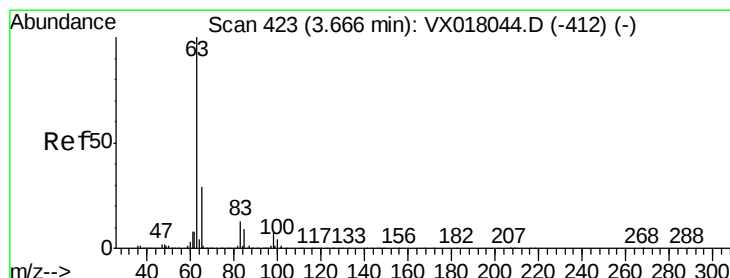
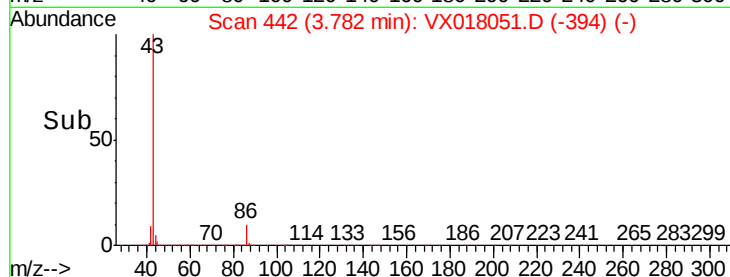
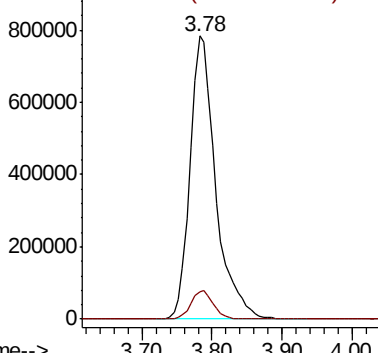
Ion Ratio Lower Upper

43 100

86 9.6 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.808 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

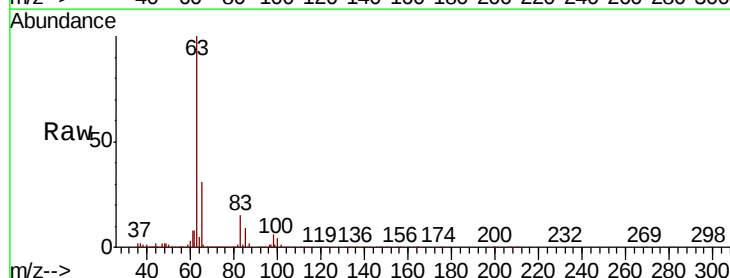
Tgt Ion: 63 Resp: 249552

Ion Ratio Lower Upper

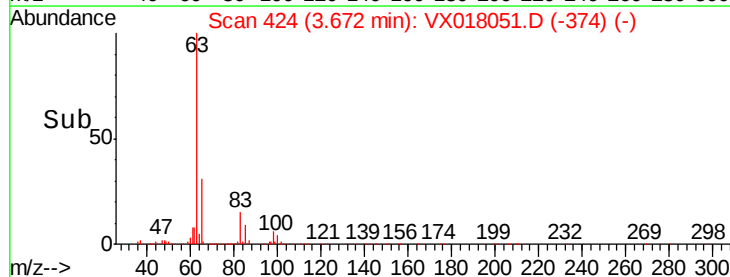
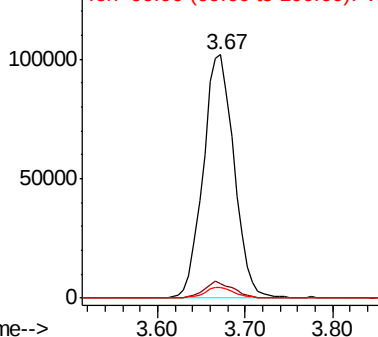
63 100

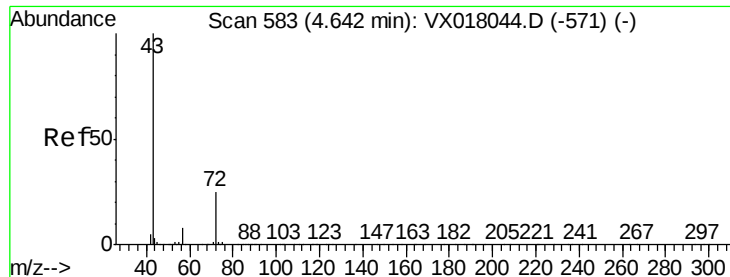
98 6.1 3.6 10.8

100 4.2 2.0 6.0



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: 91.102 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

MSVOA_X

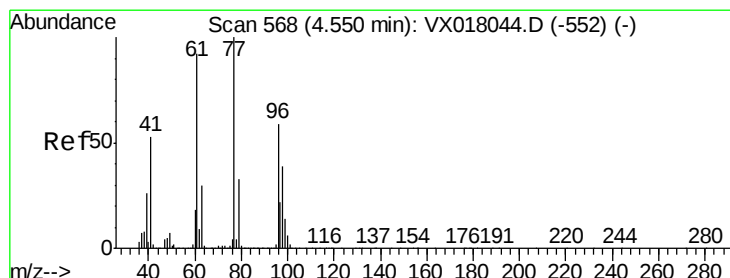
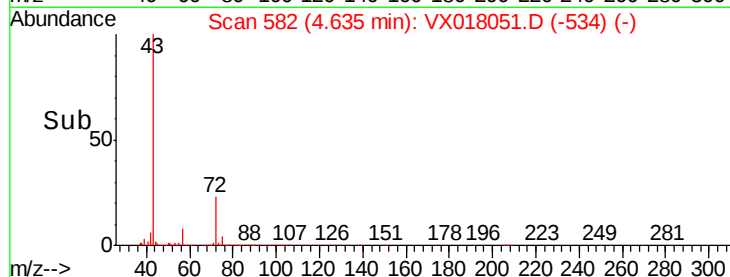
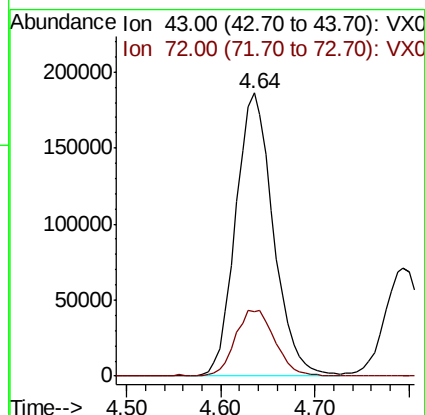
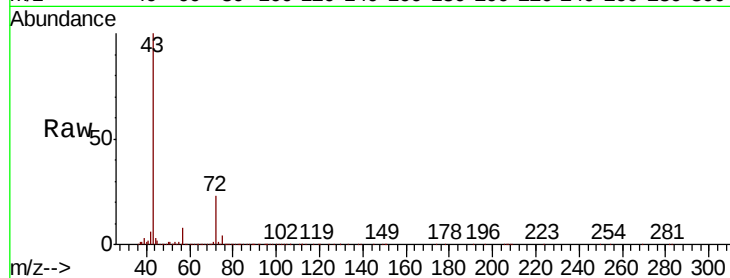
ClientSampleId :

Tot Ion: 43 Resp: 517279

Ion Ratio Lower Upper

43 100

72 22.7 19.8 29.6



#26

2,2-Dichloropropane

Concen: 21.668 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018051.D

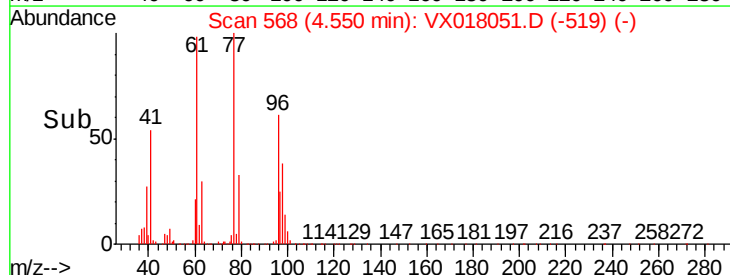
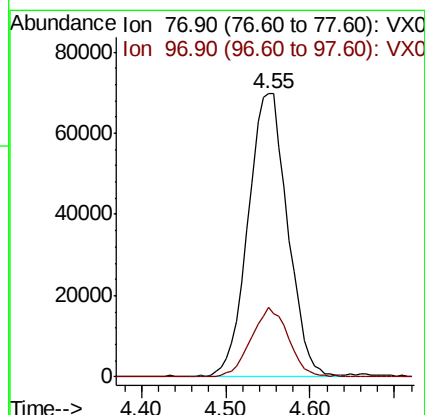
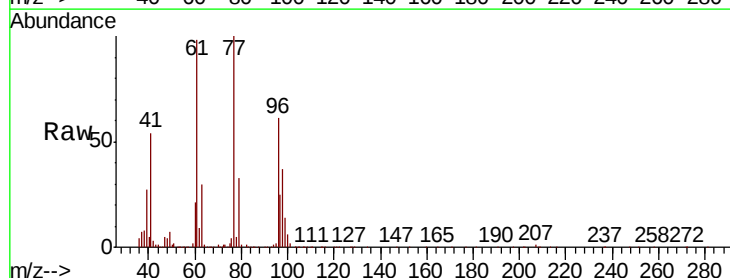
Acq: 21 Aug 2020 12:04

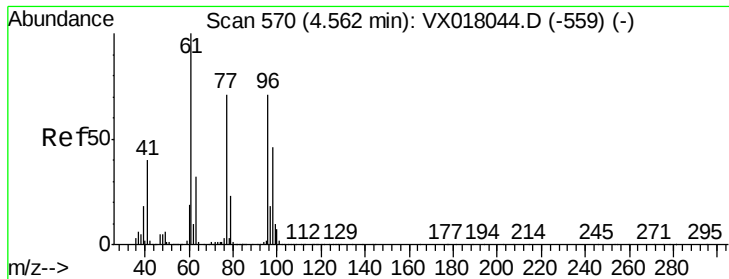
Tgt Ion: 77 Resp: 222118

Ion Ratio Lower Upper

77 100

97 23.2 11.5 34.5



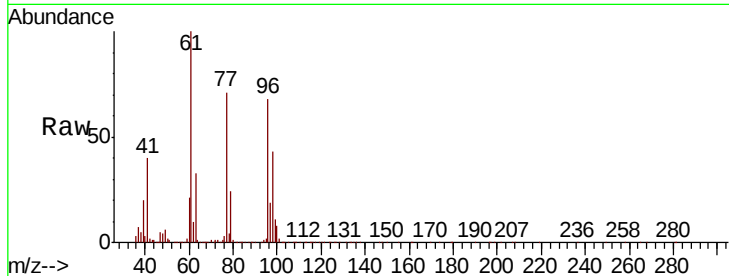


#27

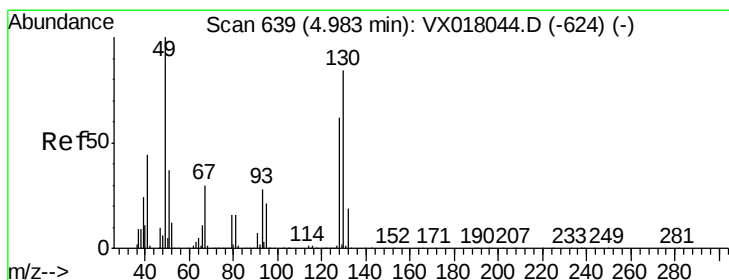
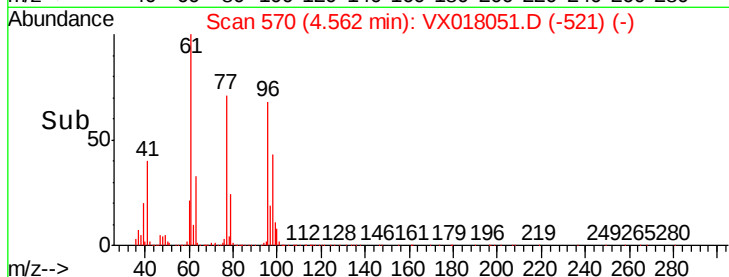
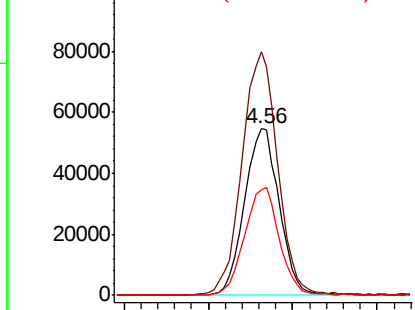
cis-1,2-Dichloroethene
Concen: 19.198 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.7	0.0	296.6
98	63.9	0.0	130.2



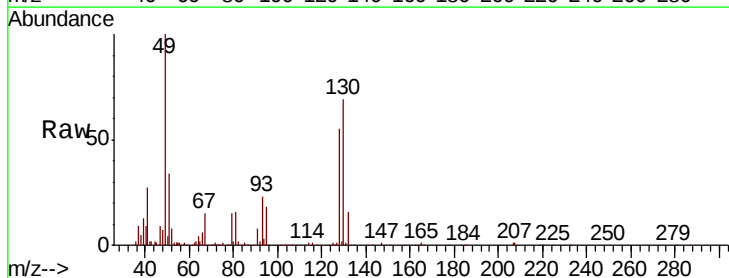
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



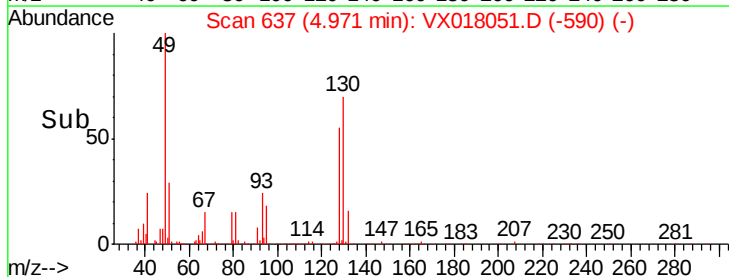
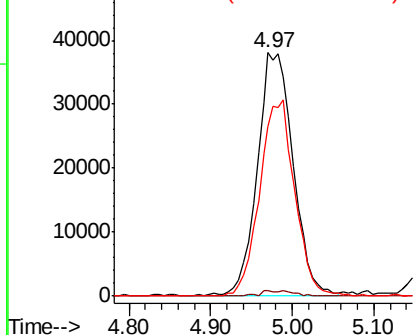
#28

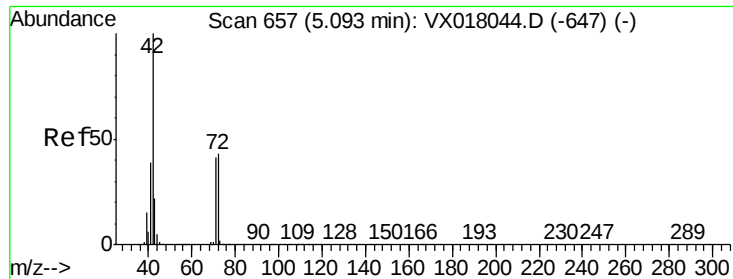
Bromochloromethane
Concen: 19.174 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	78.6	64.6	96.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 90.948 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

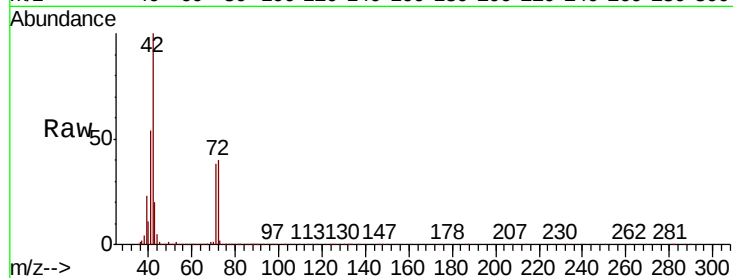
Tot Ion: 42 Resp: 328734

Ion Ratio Lower Upper

42 100

72 43.2 34.2 51.4

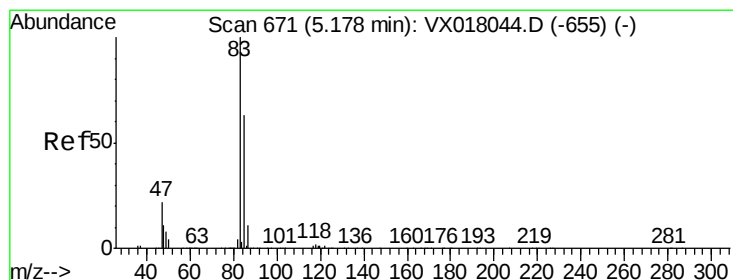
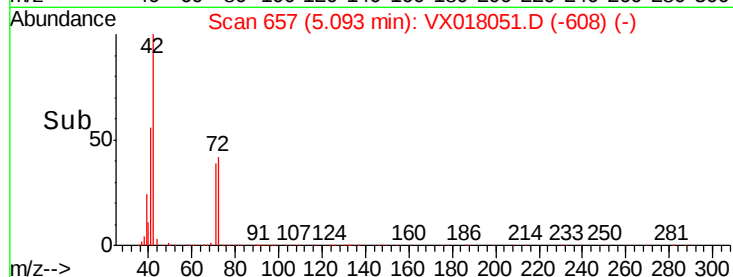
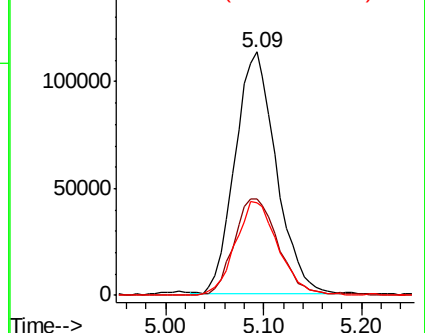
71 40.3 32.1 48.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.614 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX018051.D

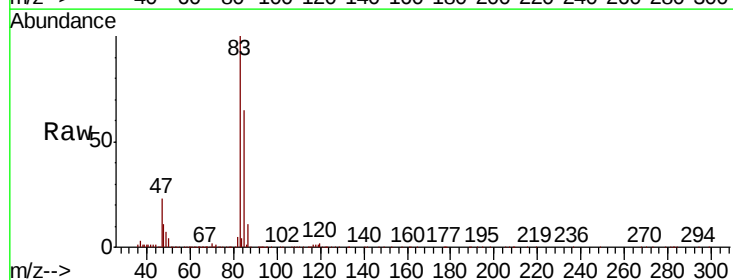
Acq: 21 Aug 2020 12:04

Tgt Ion: 83 Resp: 255865

Ion Ratio Lower Upper

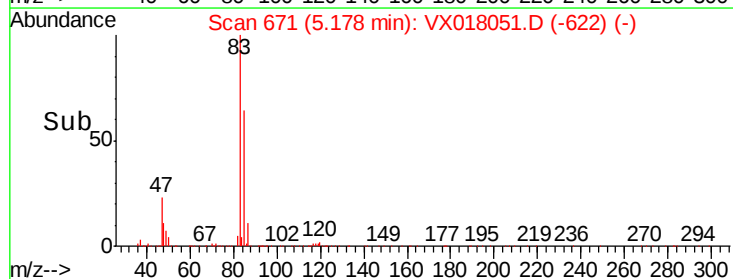
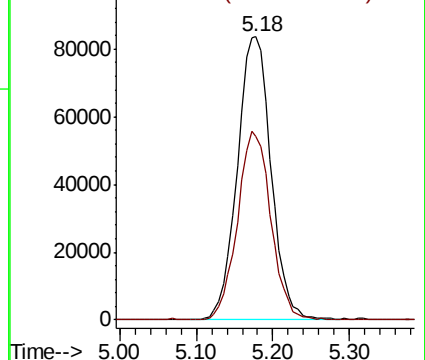
83 100

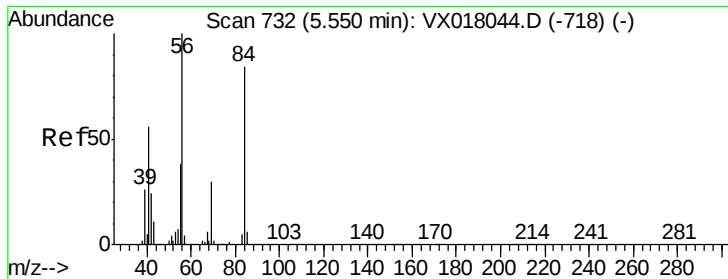
85 64.6 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

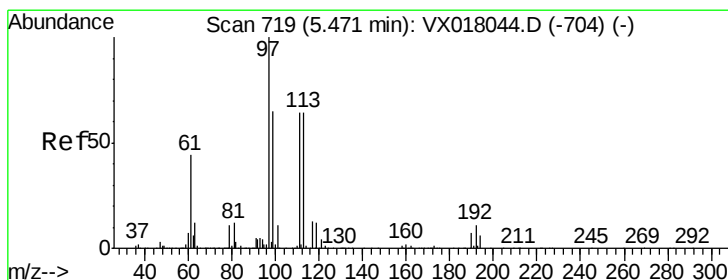
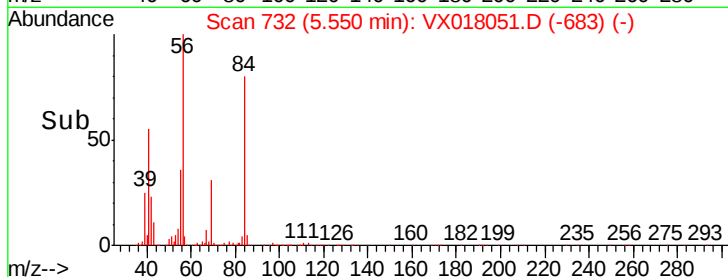
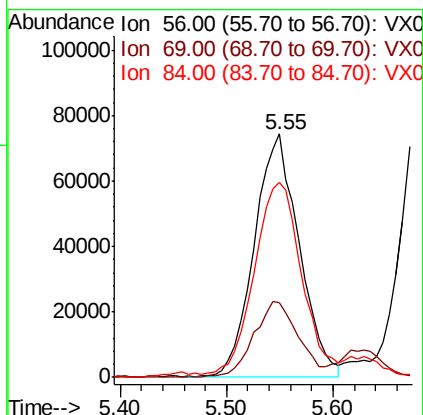
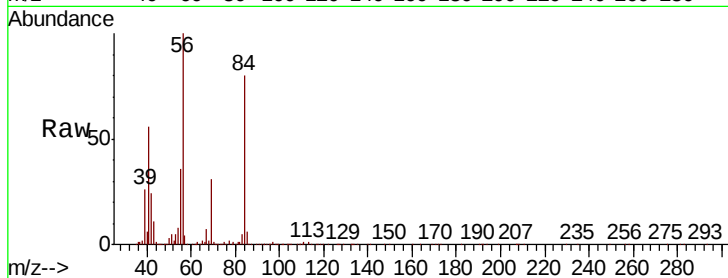




#31
Cyclohexane
Concen: 20.458 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

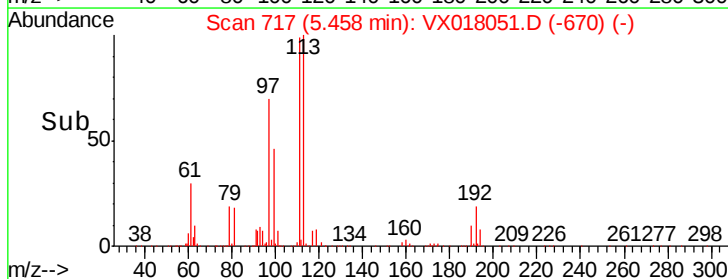
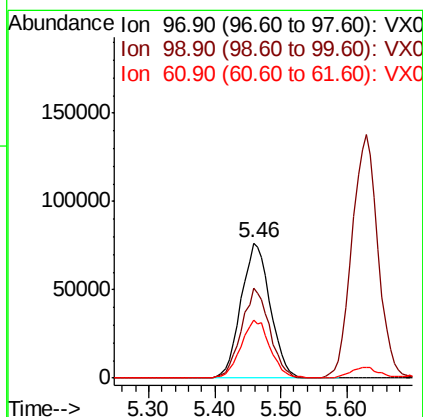
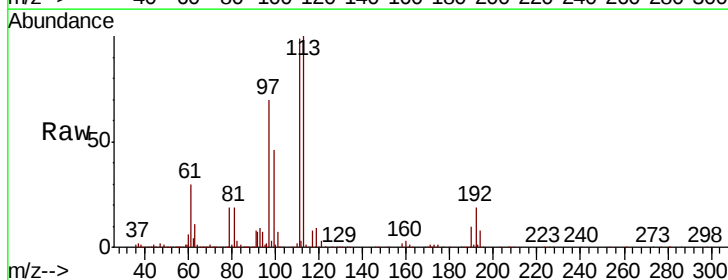
Instrument :
MSVOA_X
ClientSampleId :

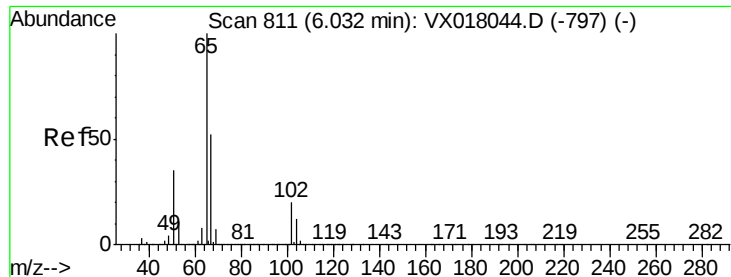
Tot Ion: 56 Resp: 217114
Ion Ratio Lower Upper
56 100
69 30.3 23.9 35.9
84 79.0 67.0 100.4



#32
1,1,1-Trichloroethane
Concen: 19.671 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Tgt Ion: 97 Resp: 235493
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.0
61 43.0 34.2 51.4

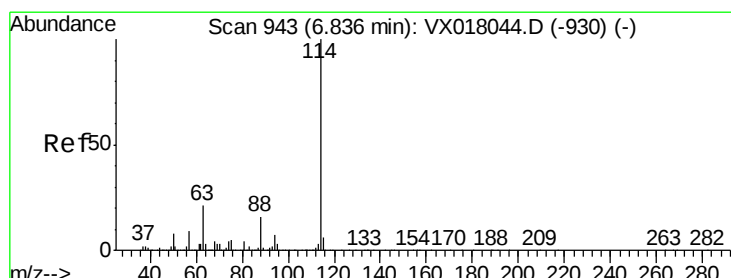
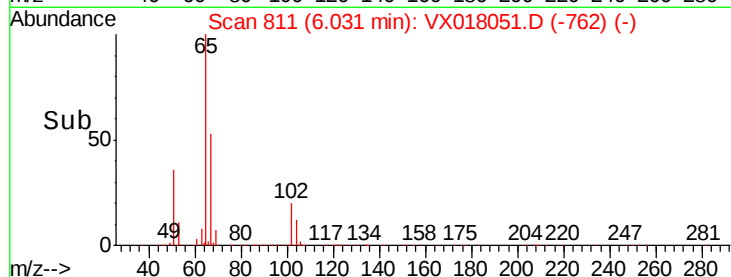
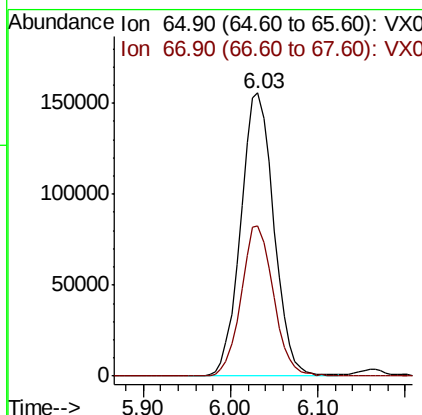
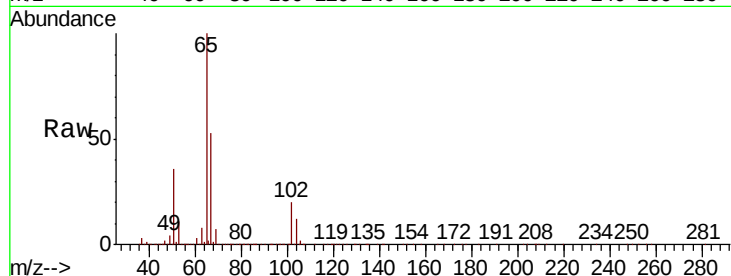




#33
 1,2-Dichloroethane-d4
 Concen: 46.255 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018051.D
 Acq: 21 Aug 2020 12:04

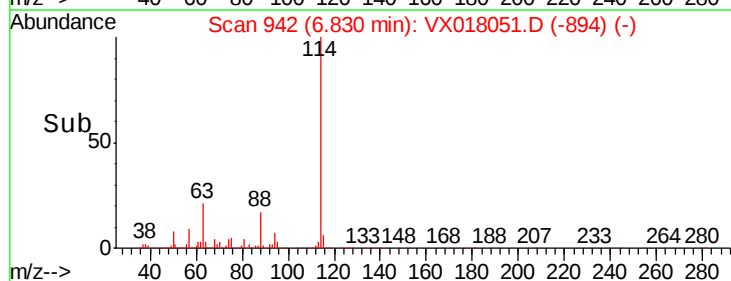
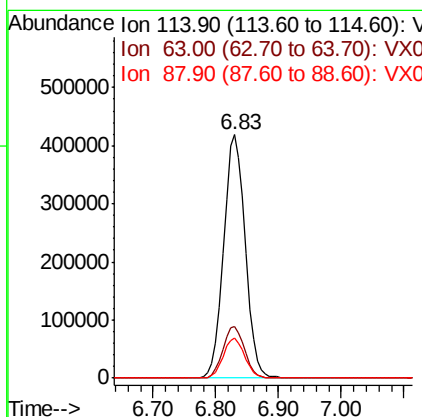
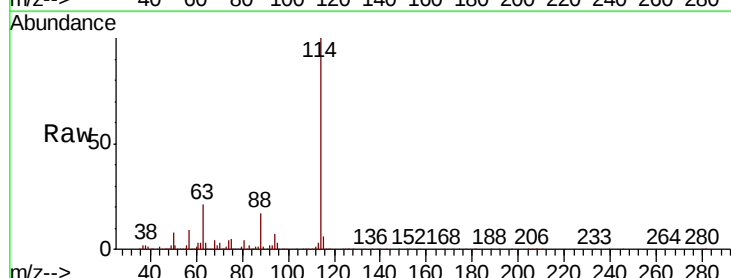
Instrument :
 MSVOA_X
 ClientSampleId :

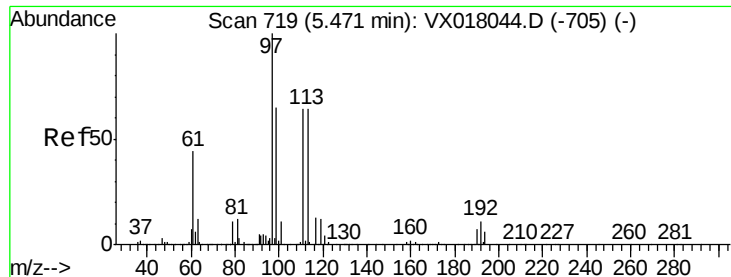
Tot Ion: 65 Resp: 410122
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018051.D
 Acq: 21 Aug 2020 12:04

Tgt Ion: 114 Resp: 997923
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.6
 88 16.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.052 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :
MSVOA_X
ClientSampleId :

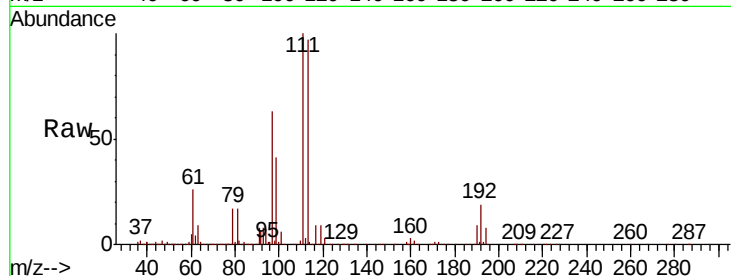
Tot Ion:113 Resp: 326579

Ion Ratio Lower Upper

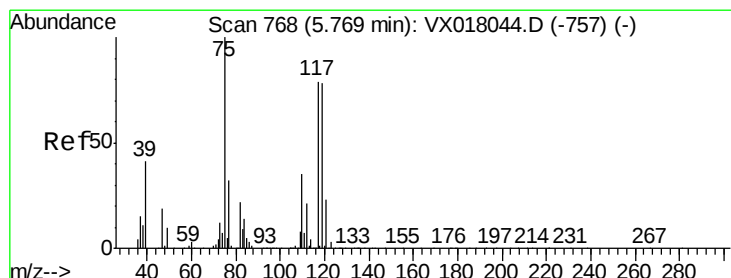
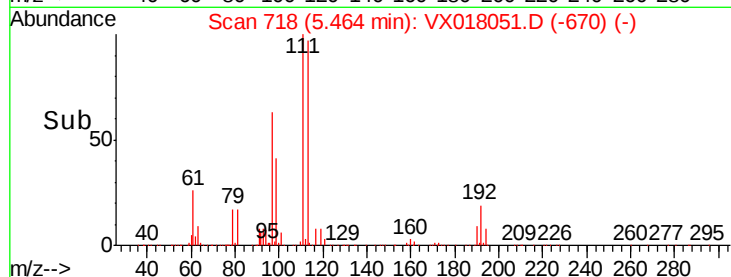
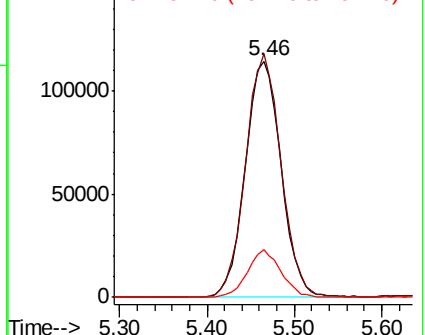
113 100

111 102.1 81.6 122.4

192 19.0 15.8 23.8



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: 20.501 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

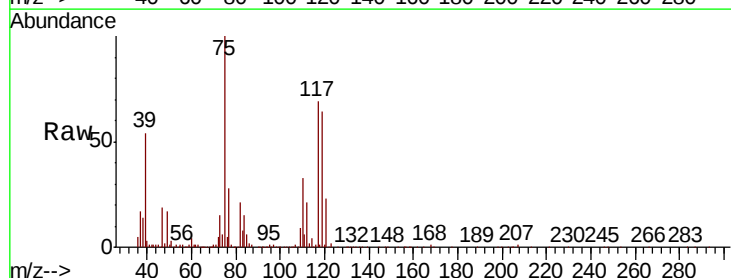
Tgt Ion: 75 Resp: 188697

Ion Ratio Lower Upper

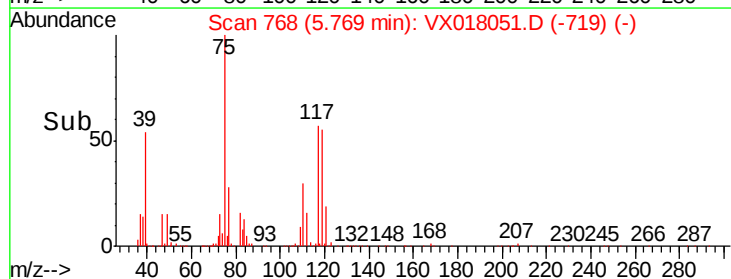
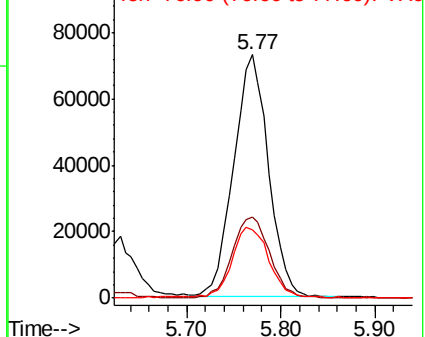
75 100

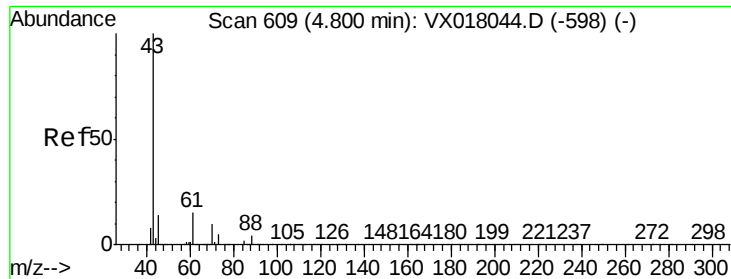
110 36.1 18.0 54.0

77 30.7 24.4 36.6



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

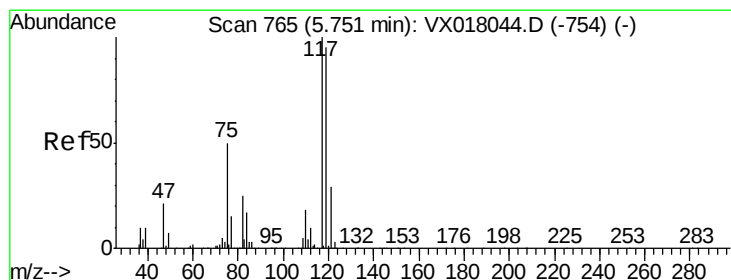
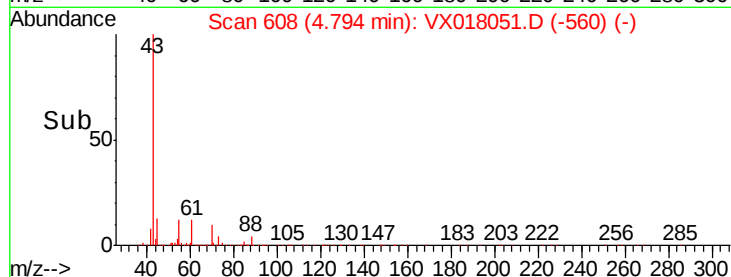
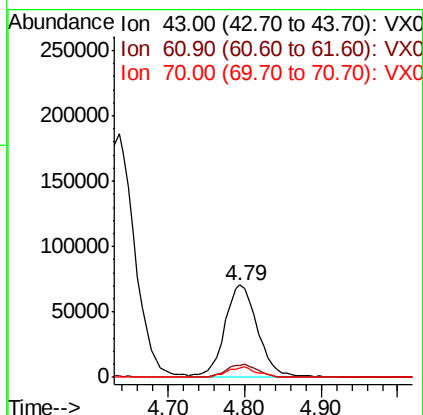
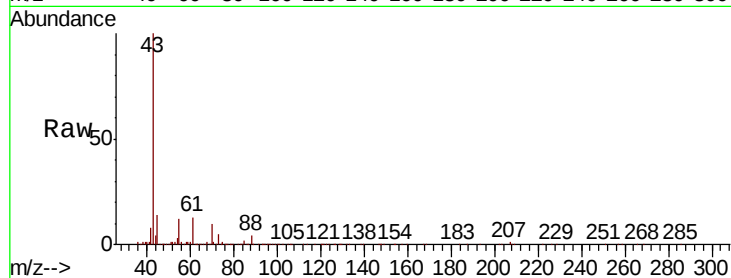




#37
Ethyl Acetate
Concen: 19.391 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

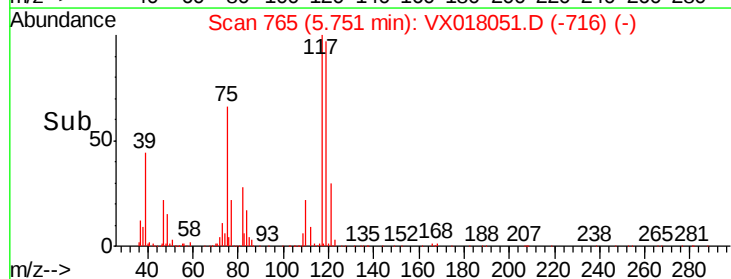
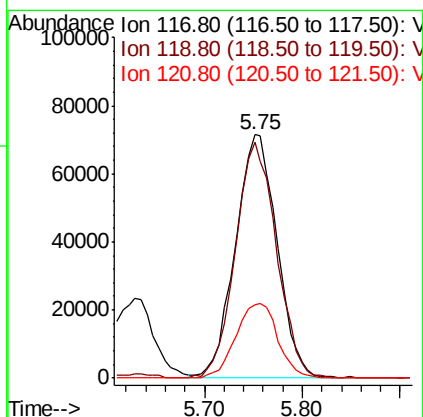
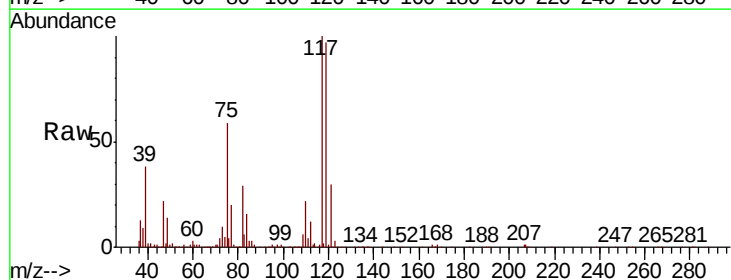
Instrument :
MSVOA_X
ClientSampled :

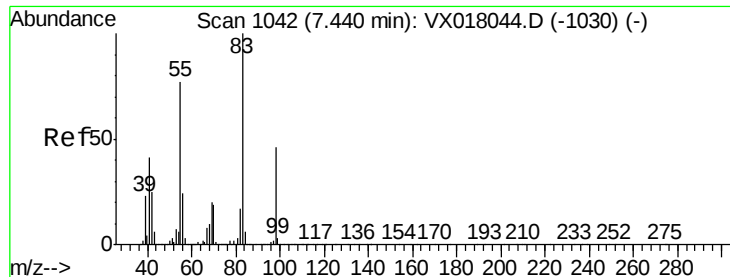
Tot Ion: 43 Resp: 207292
Ion Ratio Lower Upper
43 100
61 13.4 11.3 16.9
70 10.8 8.2 12.4



#38
Carbon Tetrachloride
Concen: 20.291 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Tgt Ion: 117 Resp: 210478
Ion Ratio Lower Upper
117 100
119 96.8 75.8 113.6
121 29.9 23.4 35.0

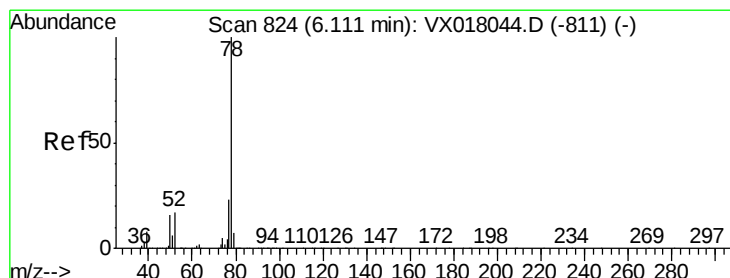
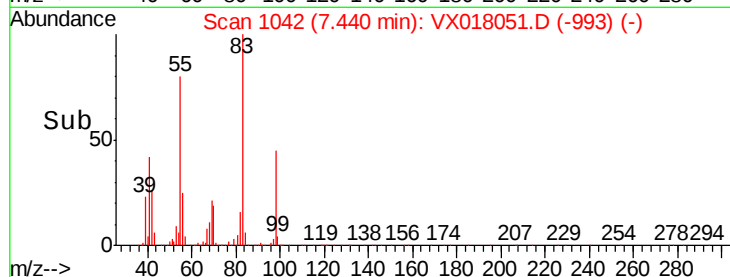
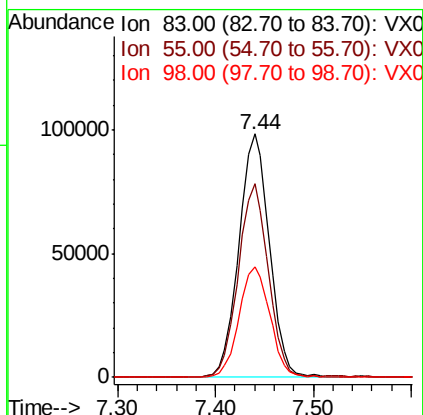
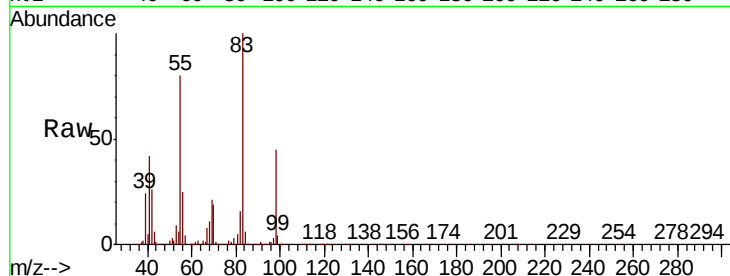




#39
Methvlcvclohexane
Concen: 21.144 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

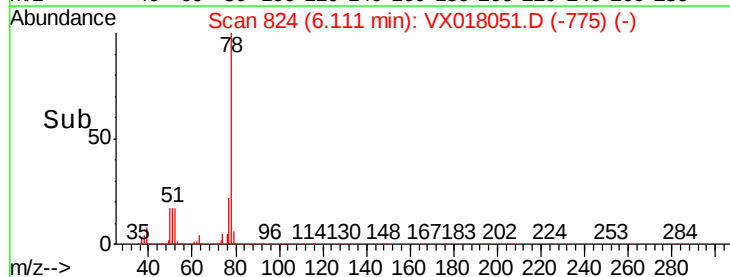
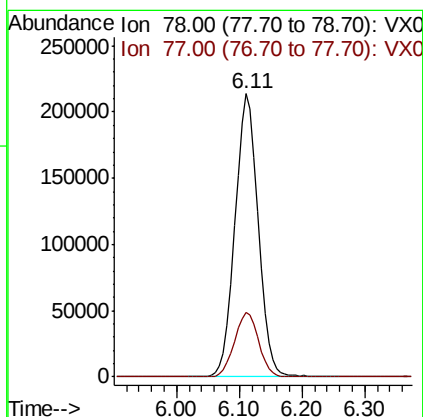
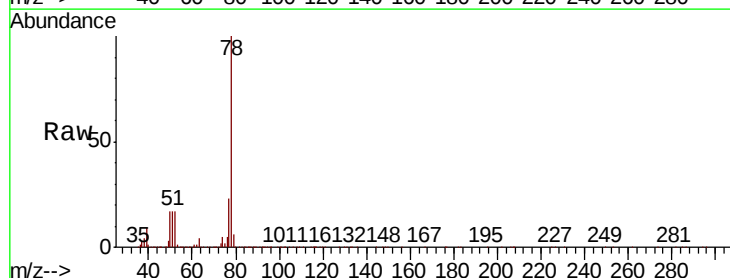
Instrument :
MSVOA_X
ClientSampleId :

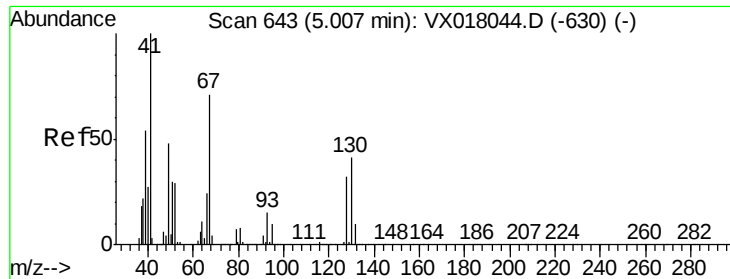
Tot Ion	Ratio	Lower	Upper
83	100		
55	79.7	61.8	92.6
98	45.2	36.6	55.0



#40
Benzene
Concen: 20.228 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.2	27.2

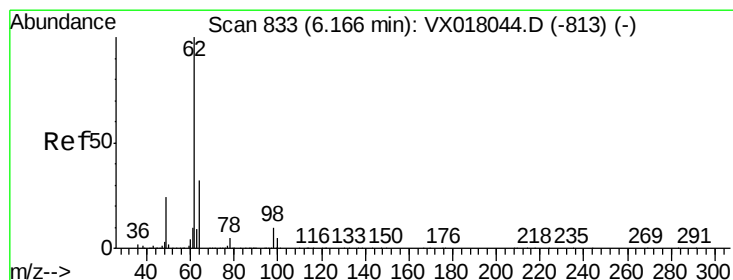
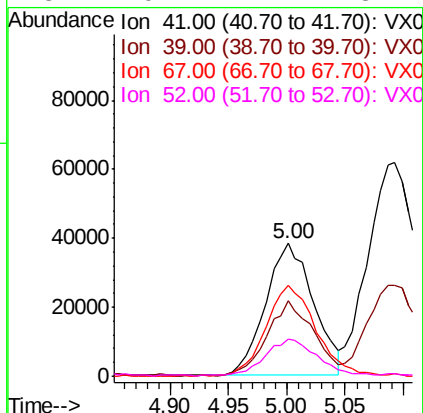
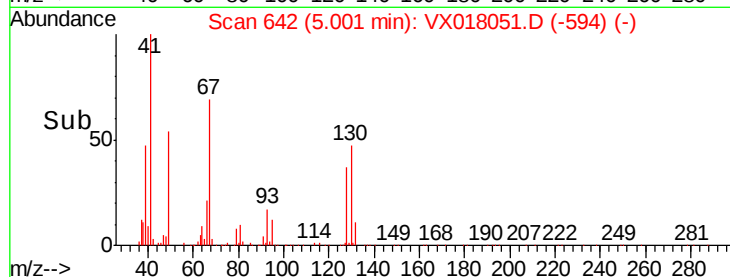
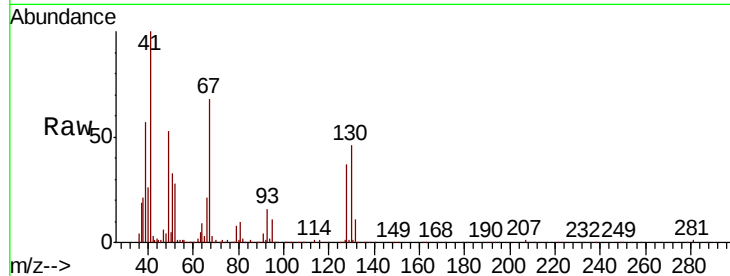




#41
Methacrylonitrile
Concen: 18.630 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

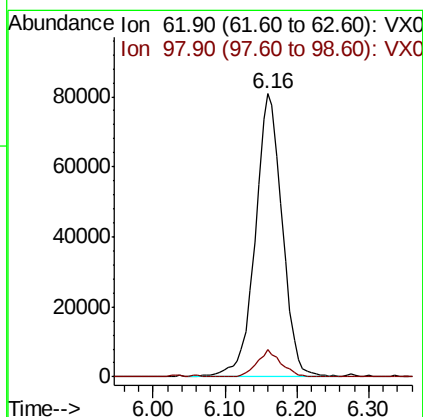
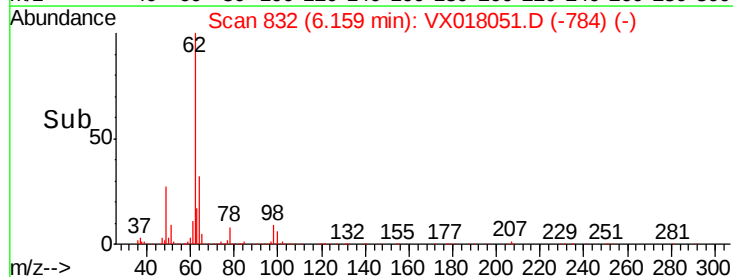
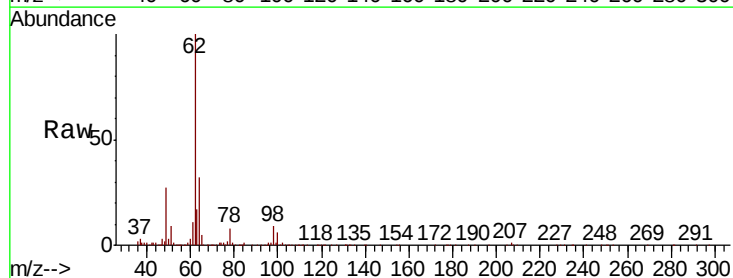
Instrument :
MSVOA_X
ClientSampleId :

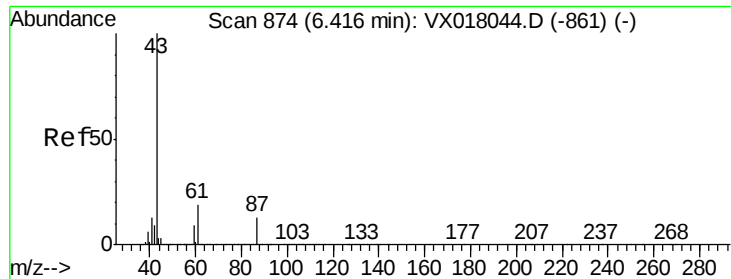
Tot Ion:	41	Resp:	109354
Ion	Ratio	Lower	Upper
41	100		
39	55.7	43.1	64.7
67	72.4	56.0	84.0
52	29.2	22.7	34.1



#42
1,2-Dichloroethane
Concen: 20.142 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Tgt Ion:	62	Resp:	208714
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.2



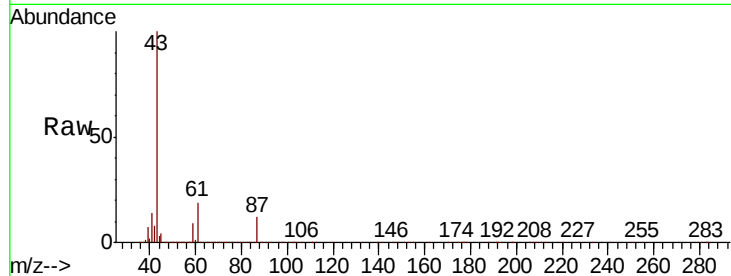


#43

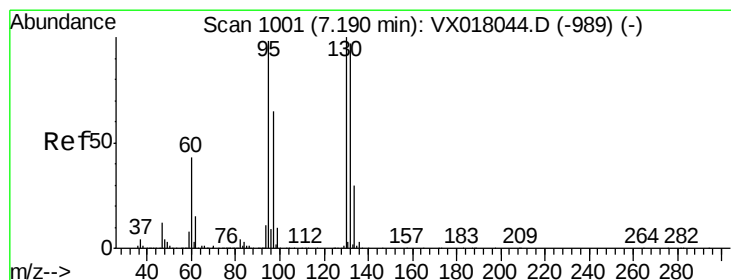
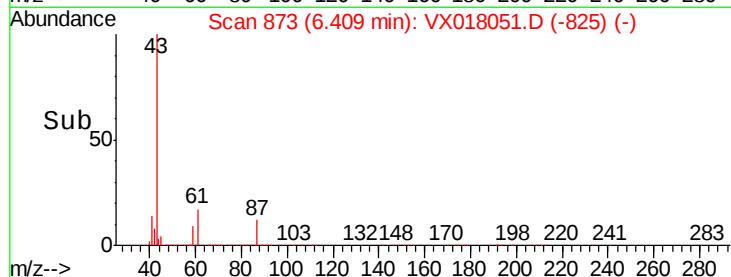
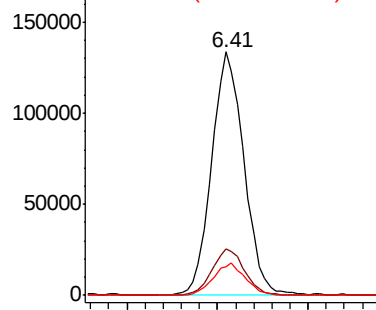
Isopropyl Acetate
 Concen: 19.014 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018051.D
 Acq: 21 Aug 2020 12:04

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	43	Resp	328317
Ion Ratio	Lower	Upper	
43	100		
61	19.3	15.7	23.5
87	13.1	10.3	15.5



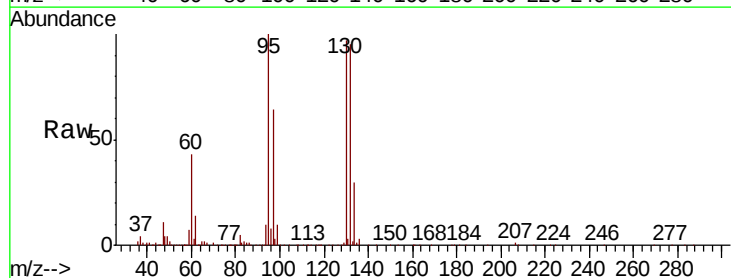
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



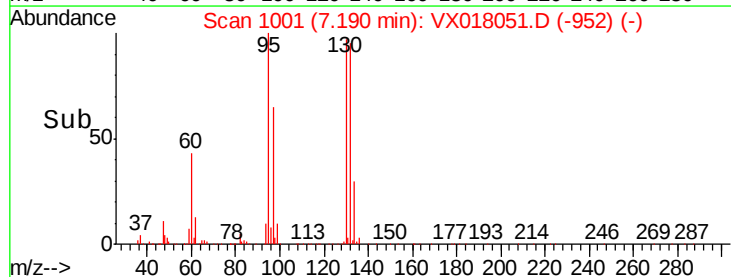
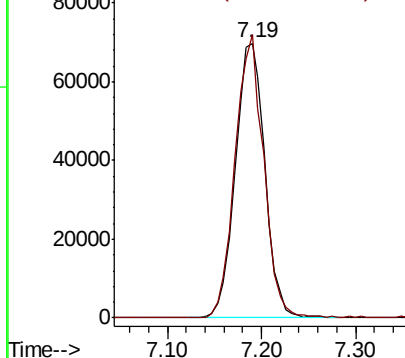
#44

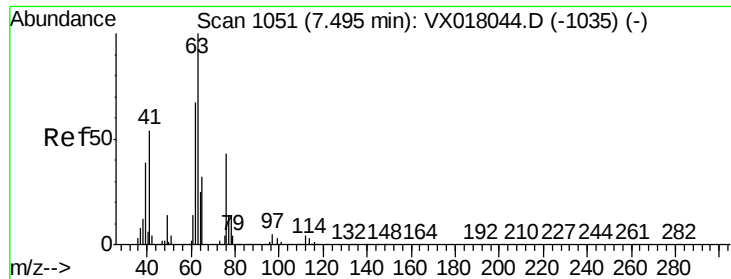
Trichloroethene
 Concen: 19.962 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018051.D
 Acq: 21 Aug 2020 12:04

Tgt Ion	130	Resp	152552
Ion Ratio	Lower	Upper	
130	100		
95	102.7	0.0	196.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.012 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

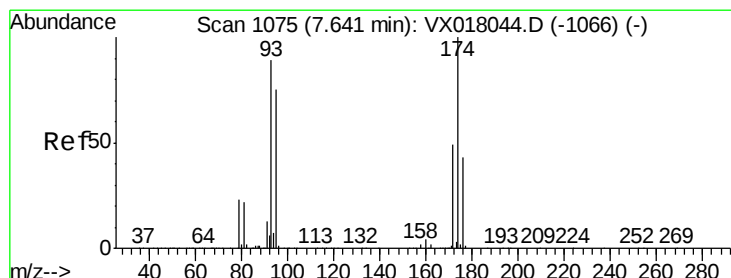
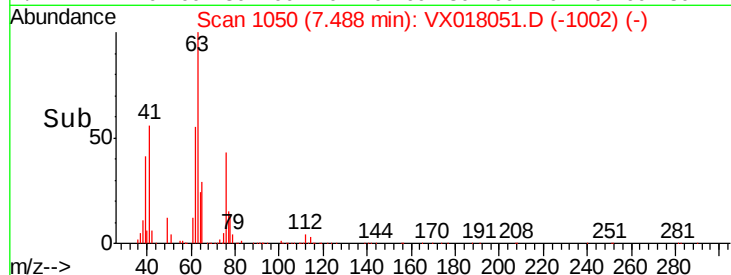
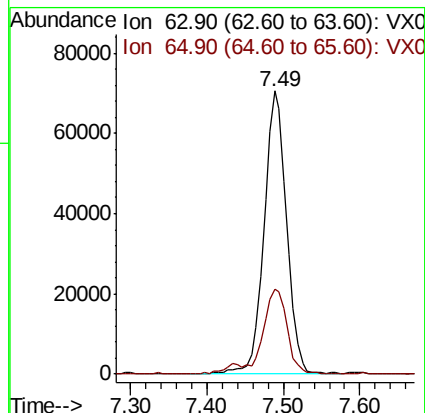
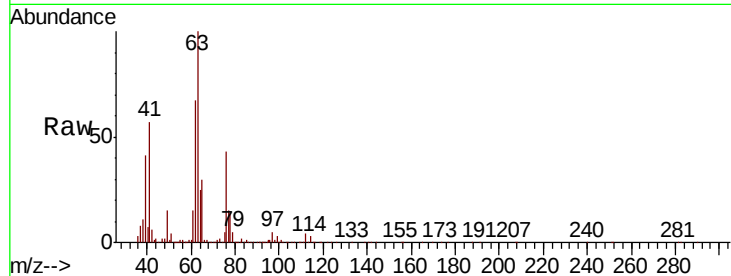
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 63 Resp: 145877

Ion Ratio Lower Upper

63 100

65 29.8 25.7 38.5



#46

Dibromomethane

Concen: 18.788 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

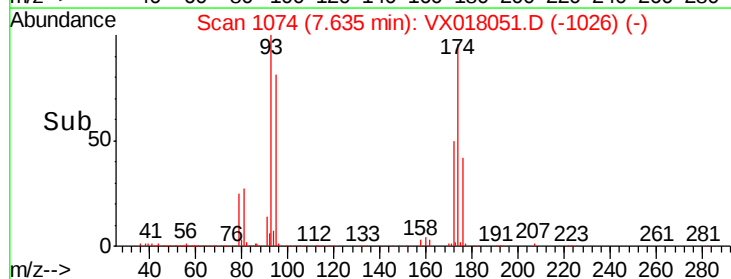
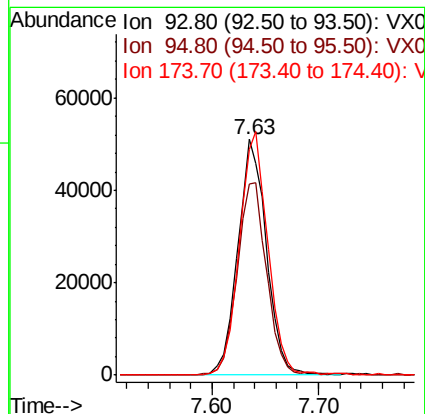
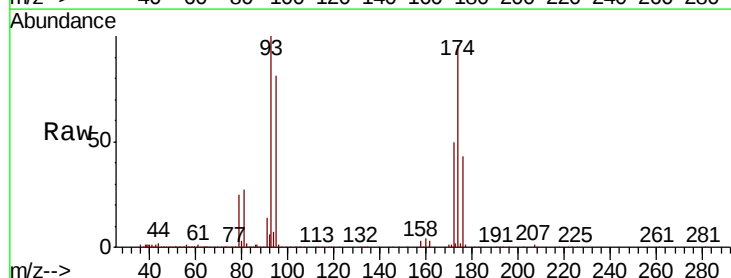
Tgt Ion: 93 Resp: 96306

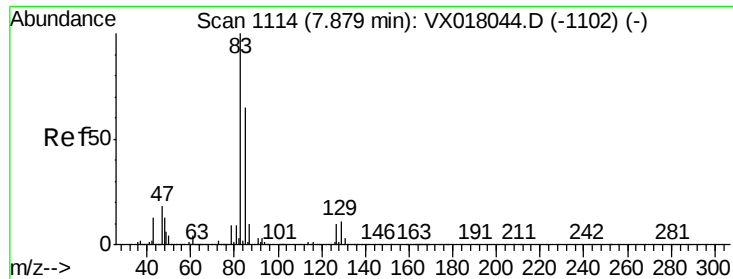
Ion Ratio Lower Upper

93 100

95 84.2 67.3 100.9

174 102.6 82.2 123.2





#47

Bromodichloromethane

Concen: 19.688 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

MSVOA_X

ClientSampled :

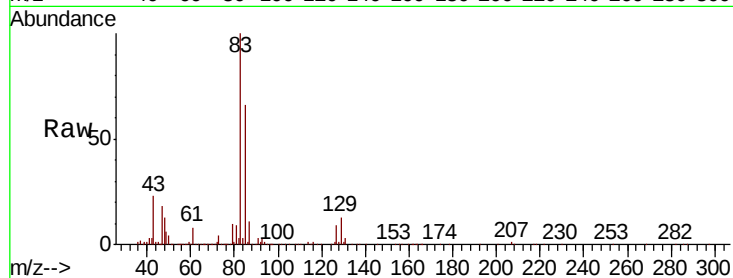
Tot Ion: 83 Resp: 201510

Ion Ratio Lower Upper

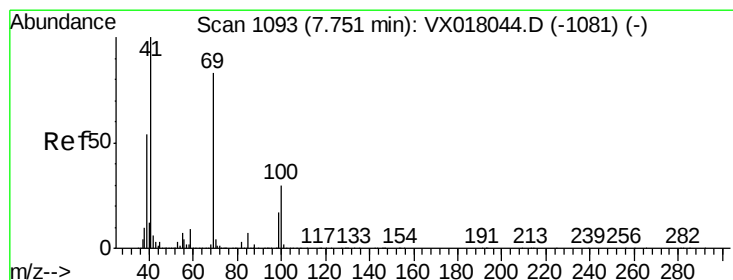
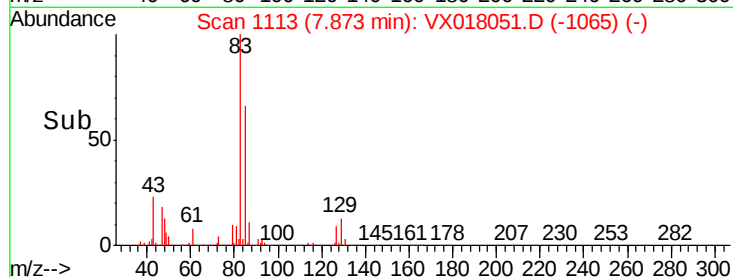
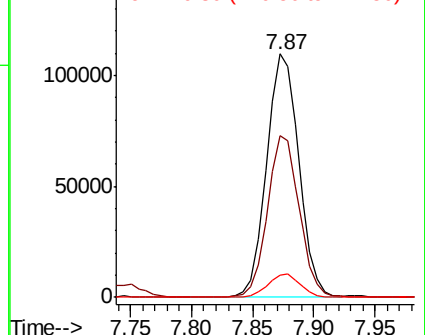
83 100

85 66.2 51.8 77.6

127 8.9 7.7 11.5



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: 17.877 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

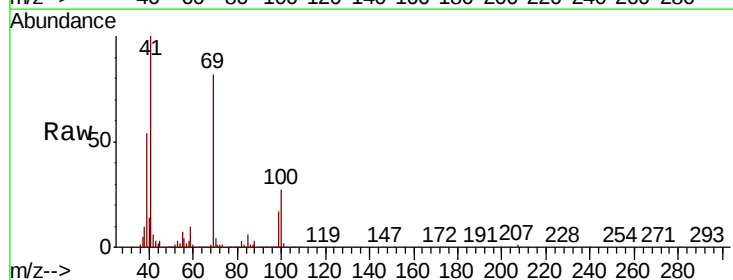
Tgt Ion: 41 Resp: 153666

Ion Ratio Lower Upper

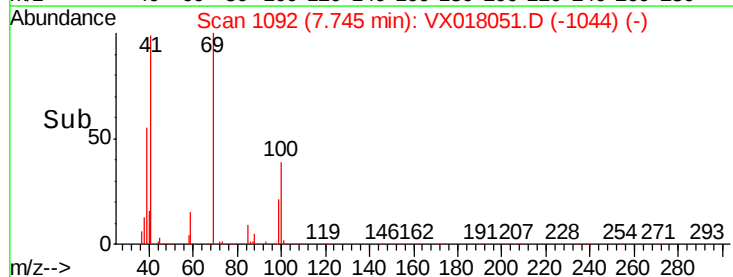
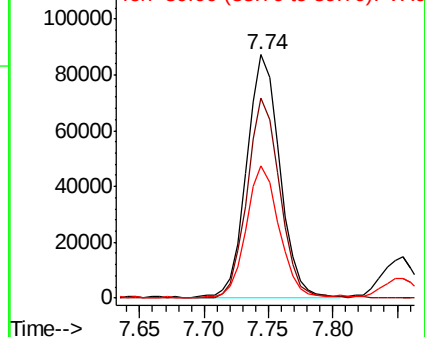
41 100

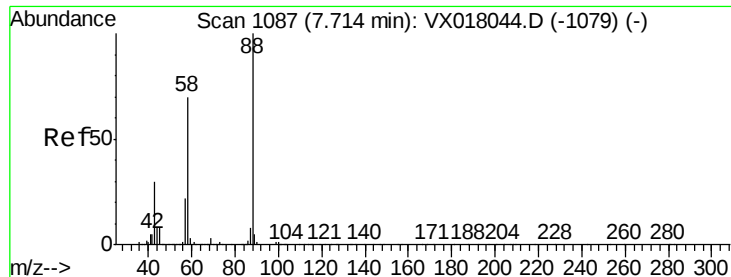
69 80.9 65.5 98.3

39 54.2 44.5 66.7



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: 351.316 ug/l

RT: 7.71 min Scan# 1087

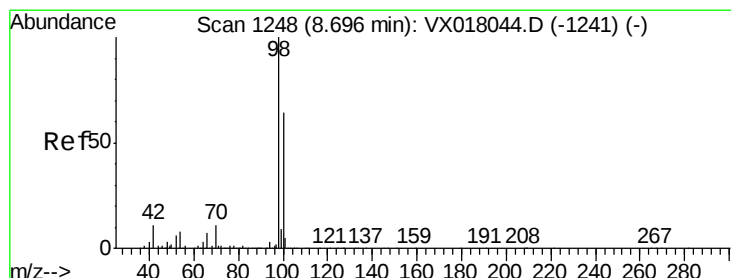
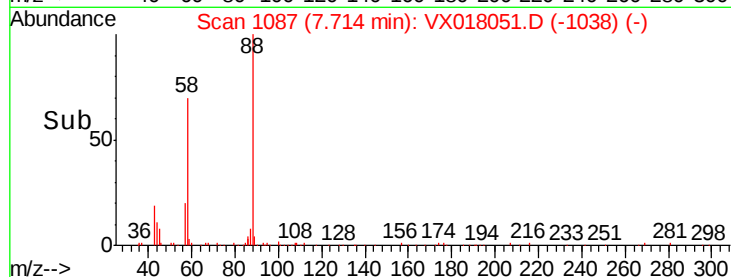
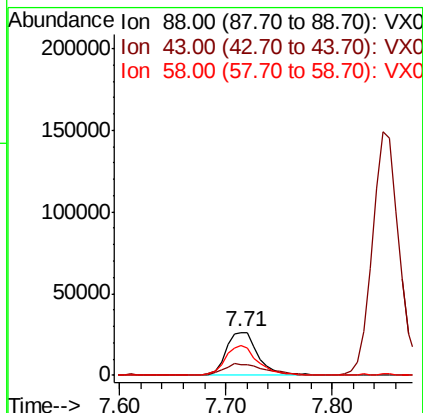
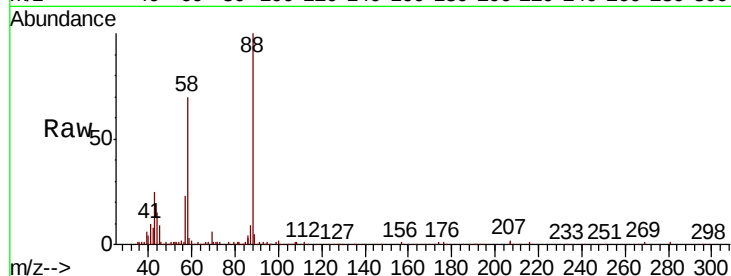
Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	88	Resp:	54700
Ion	Ratio	Lower	Upper
88	100		
43	33.4	27.4	41.0
58	71.3	56.4	84.6



#50

Toluene-d8

Concen: 44.298 ug/l

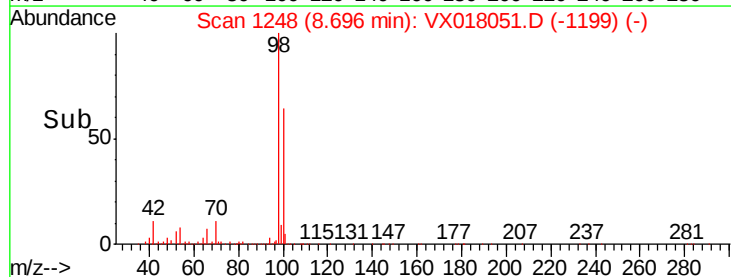
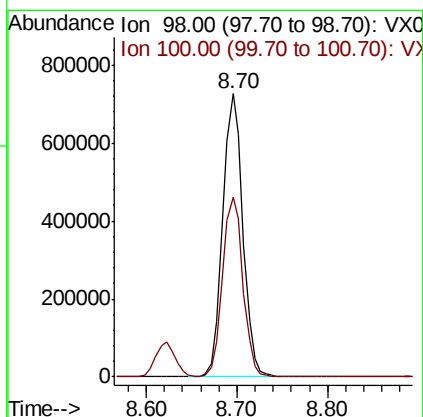
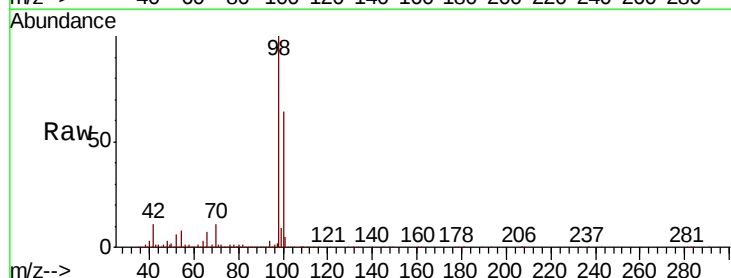
RT: 8.70 min Scan# 1248

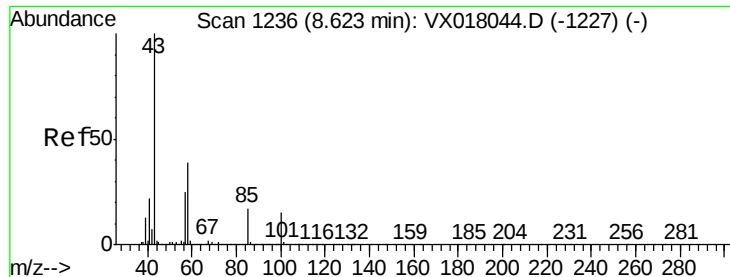
Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Tgt Ion:	98	Resp:	1121320
Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.2	78.4





#51

4-Methyl-2-Pentanone

Concen: 85.839 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

MSVOA_X

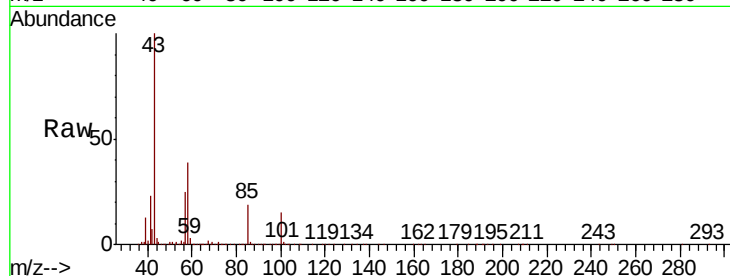
ClientSampleId :

Tot Ion: 43 Resp: 915542

Ion Ratio Lower Upper

43 100

58 38.2 30.7 46.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

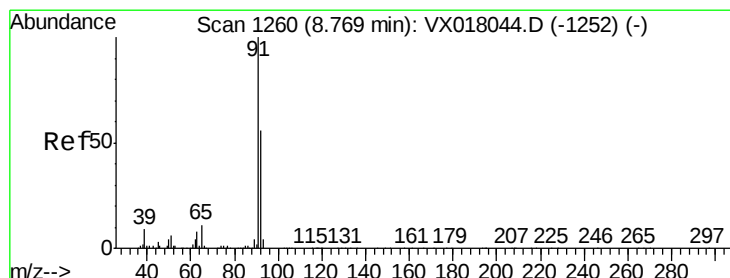
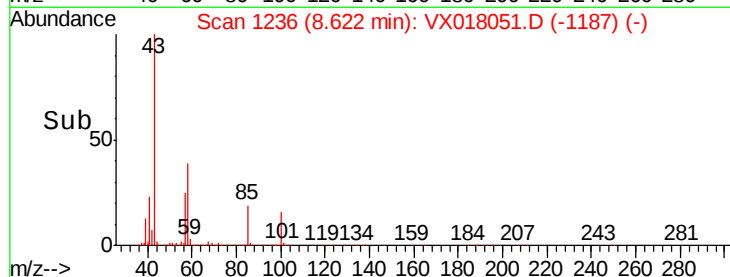
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 18.447 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018051.D

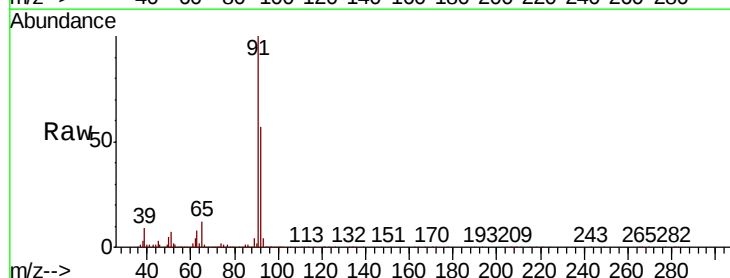
Acq: 21 Aug 2020 12:04

Tgt Ion: 92 Resp: 316368

Ion Ratio Lower Upper

92 100

91 176.0 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.76

400000

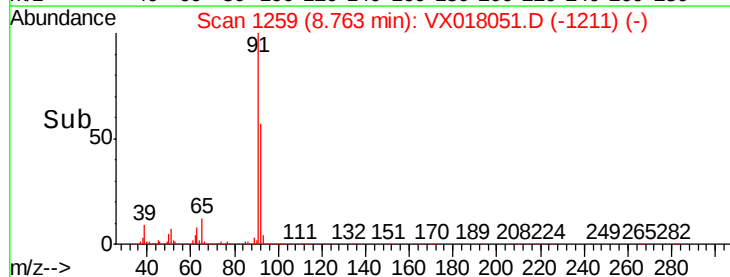
300000

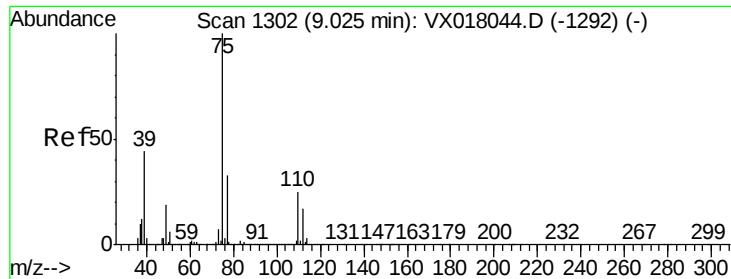
200000

100000

0

Time-->

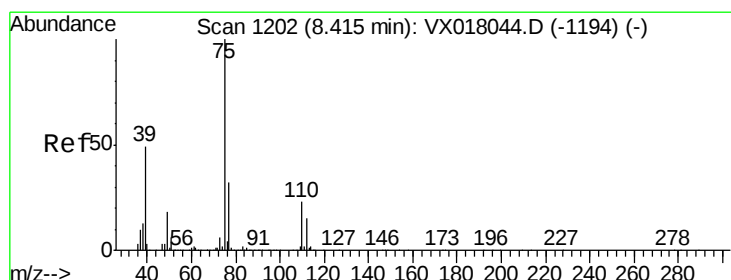
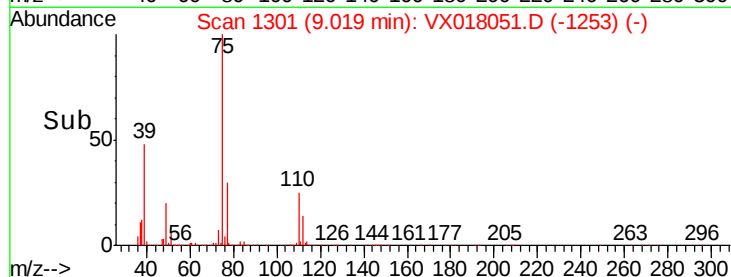
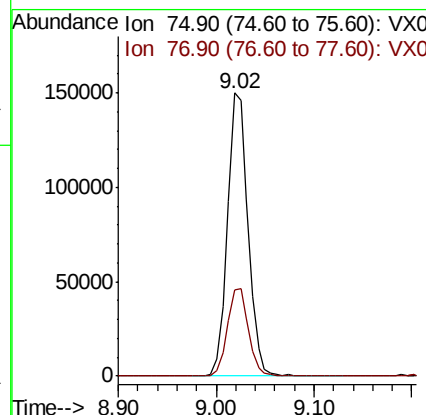
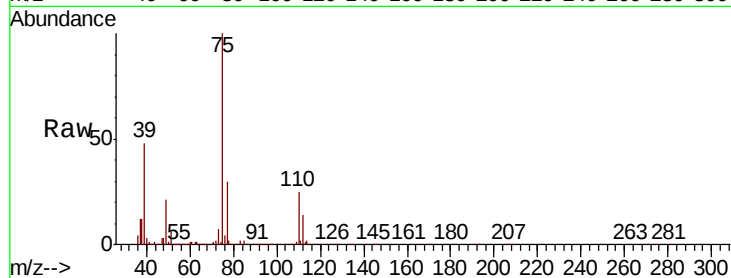




#53
 t-1,3-Dichloropropene
 Concen: 19.200 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VX018051.D
 Acq: 21 Aug 2020 12:04

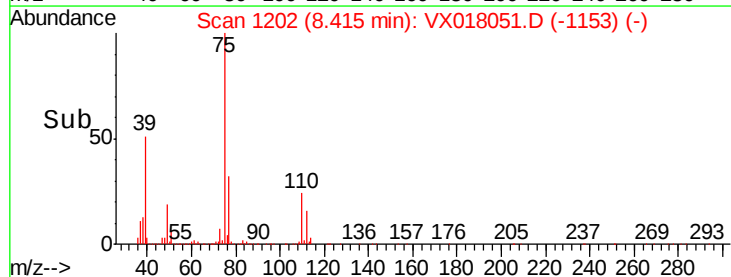
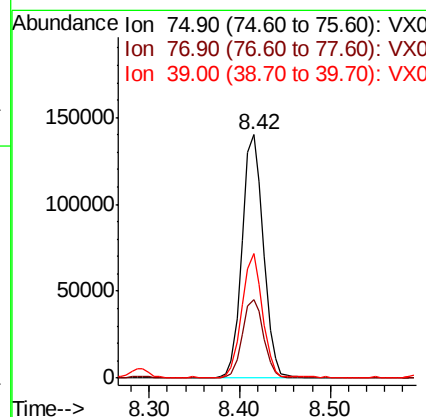
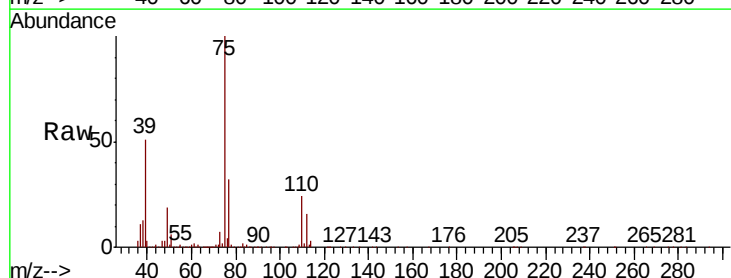
Instrument :
 MSVOA_X
 ClientSampleId :

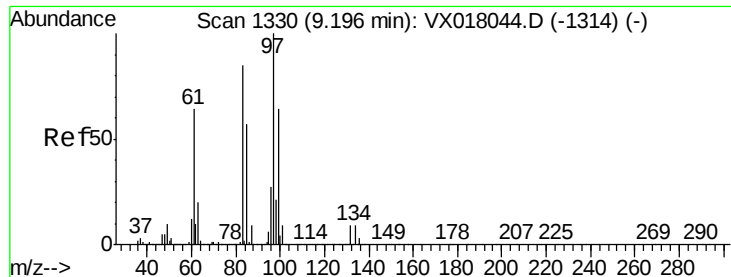
Tot Ion: 75 Resp: 217799
 Ion Ratio Lower Upper
 75 100
 77 30.4 26.6 39.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.092 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX018051.D
 Acq: 21 Aug 2020 12:04

Tgt Ion: 75 Resp: 229424
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.8 38.8
 39 50.8 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 18.404 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 97 Resp: 134613

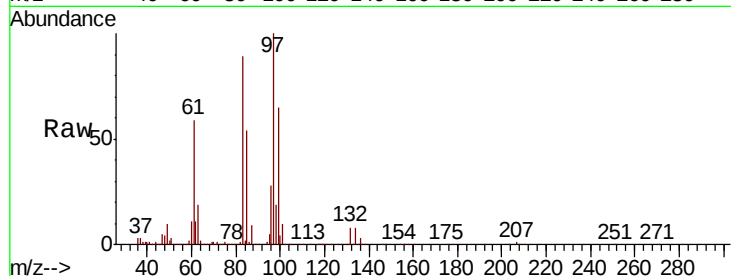
Ion Ratio Lower Upper

97 100

83 89.1 67.8 101.6

85 53.8 45.3 67.9

99 64.5 50.9 76.3



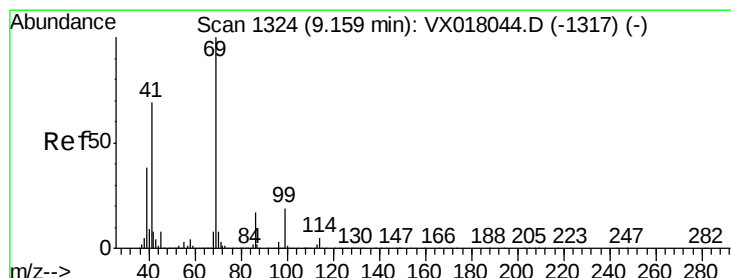
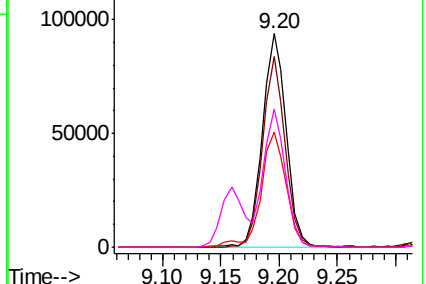
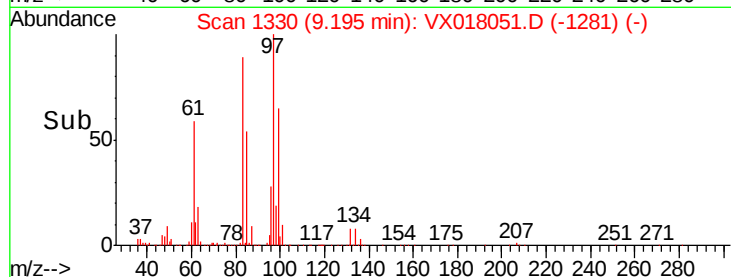
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 17.901 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

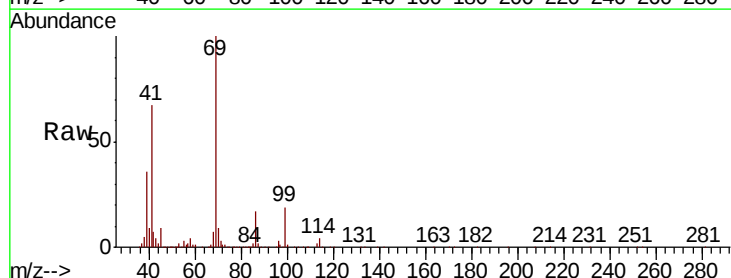
Tgt Ion: 69 Resp: 194644

Ion Ratio Lower Upper

69 100

41 67.4 54.6 81.8

39 36.1 29.1 43.7

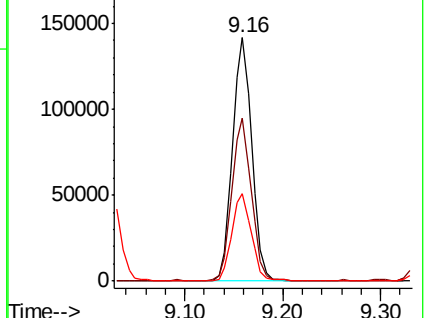
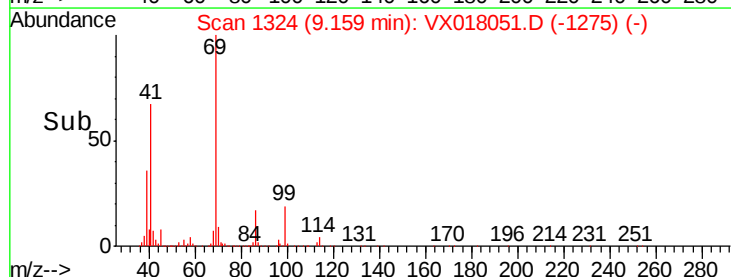


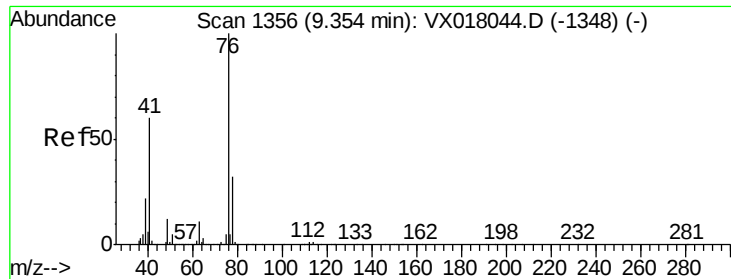
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.623 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

MSVOA_X

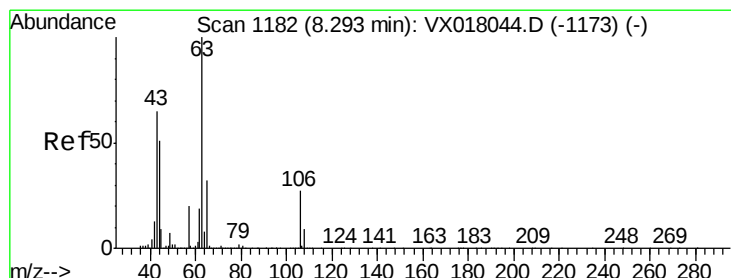
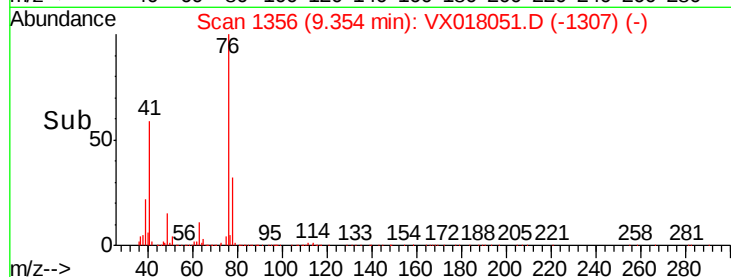
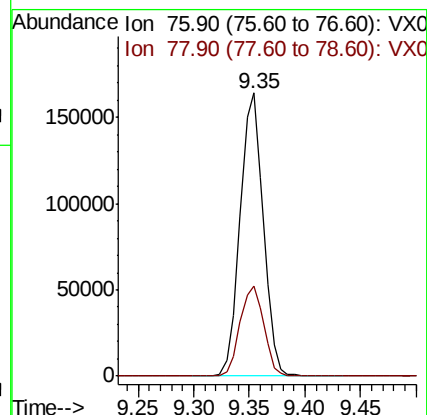
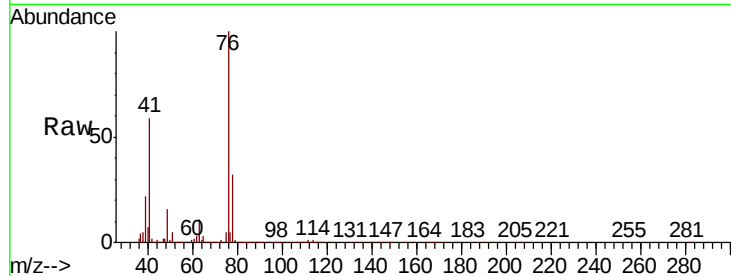
ClientSampleId :

Tot Ion: 76 Resp: 236731

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 82.481 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018051.D

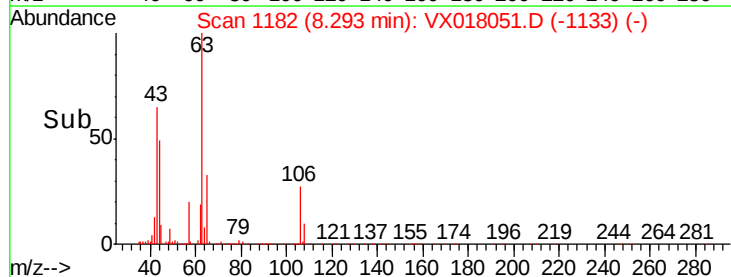
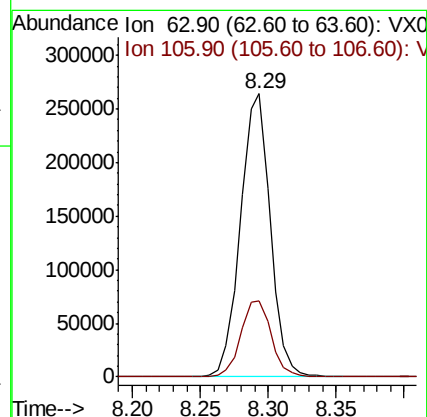
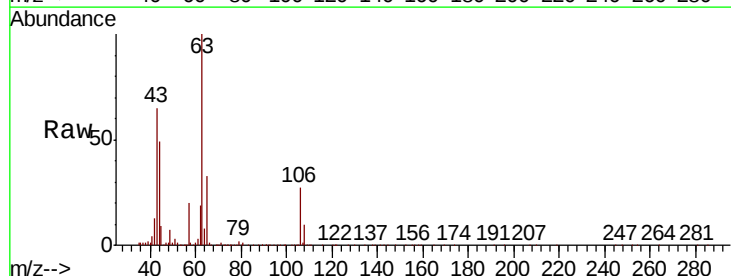
Acq: 21 Aug 2020 12:04

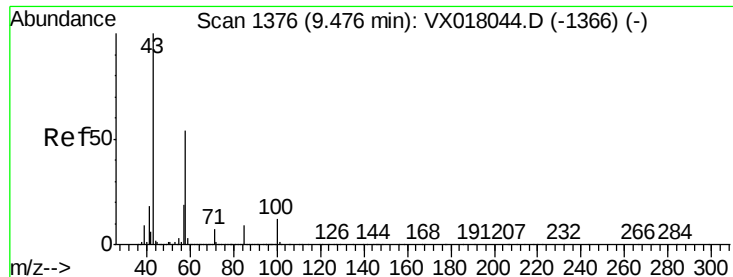
Tgt Ion: 63 Resp: 403444

Ion Ratio Lower Upper

63 100

106 27.7 22.1 33.1

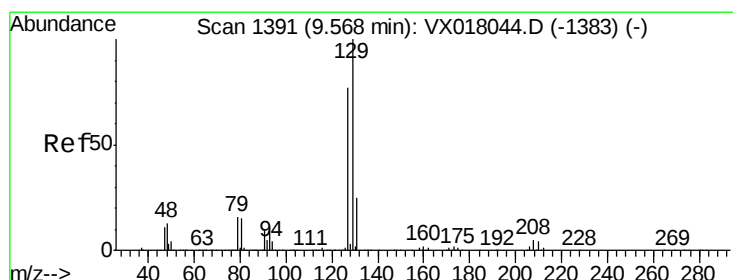
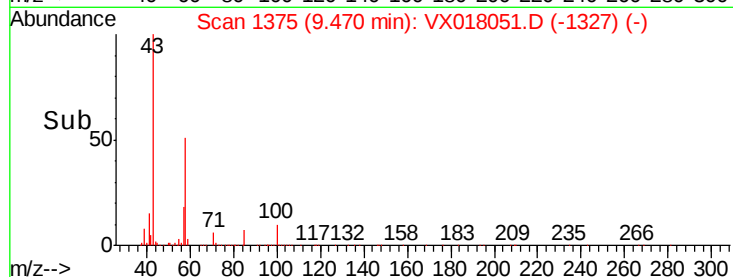
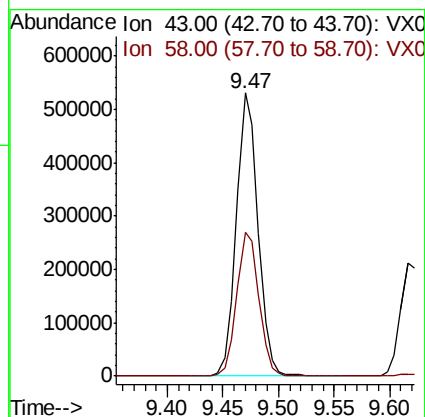
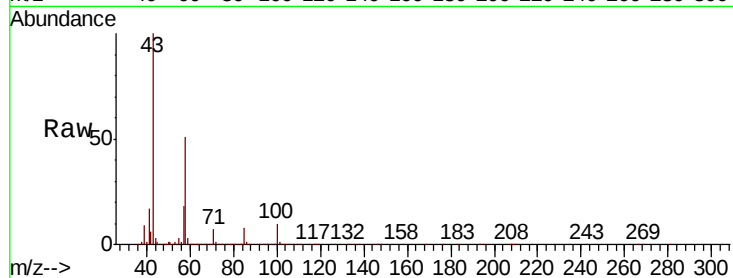




#59
2-Hexanone
Concen: 87.739 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

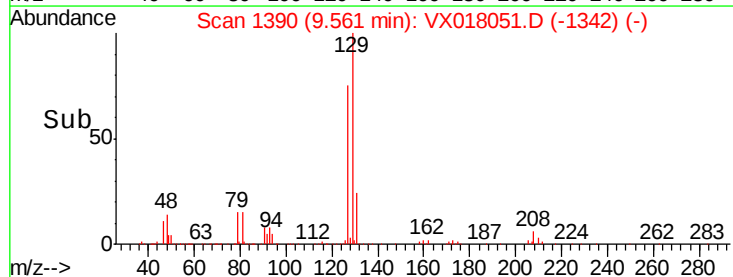
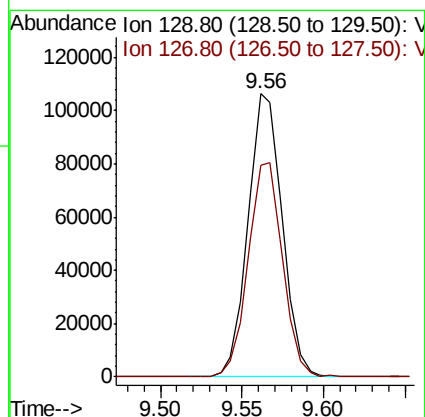
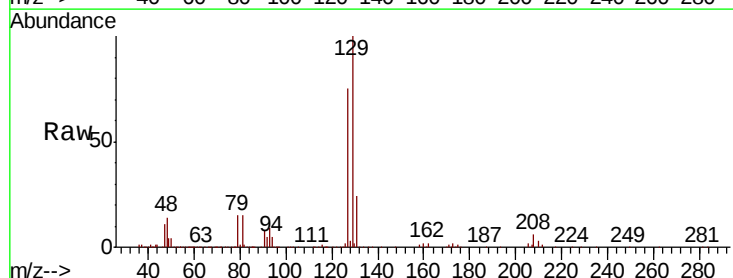
Instrument :
MSVOA_X
ClientSampleId :

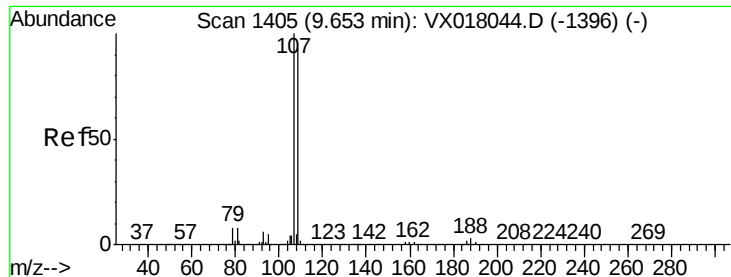
Tot Ion: 43 Resp: 711578
Ion Ratio Lower Upper
43 100
58 52.0 26.6 79.7



#60
Dibromochloromethane
Concen: 18.104 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Tgt Ion:129 Resp: 155336
Ion Ratio Lower Upper
129 100
127 76.3 38.9 116.6





#61

1,2-Dibromoethane

Concen: 17.167 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

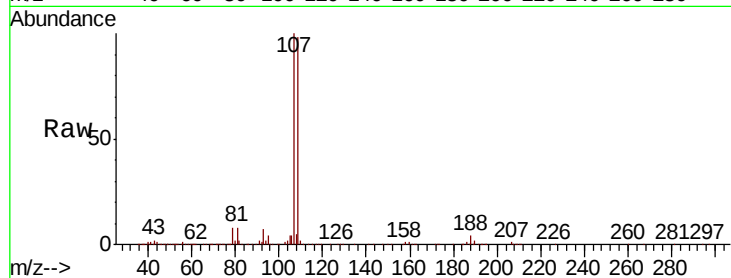
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:107 Resp: 136320

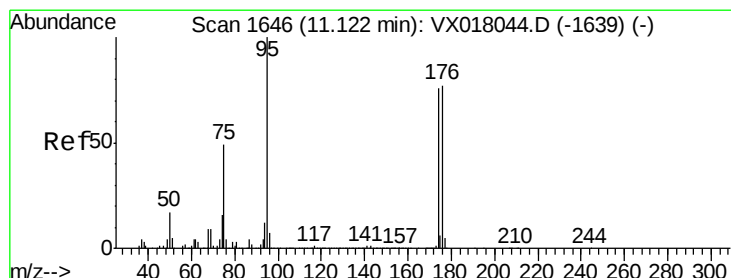
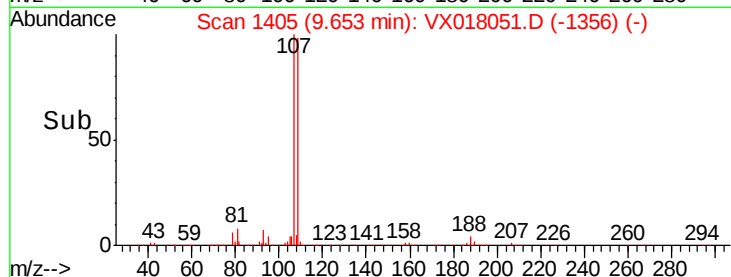
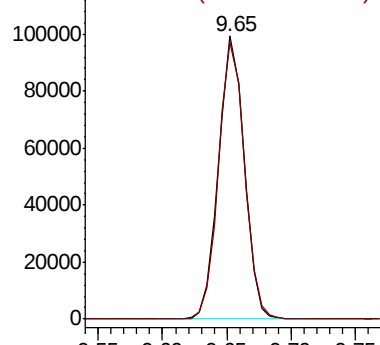
Ion Ratio Lower Upper

107 100

109 99.4 75.9 113.9



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



#62

4-Bromofluorobenzene

Concen: 44.473 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

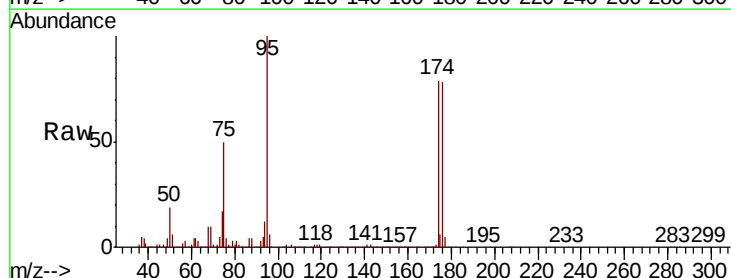
Tgt Ion: 95 Resp: 442918

Ion Ratio Lower Upper

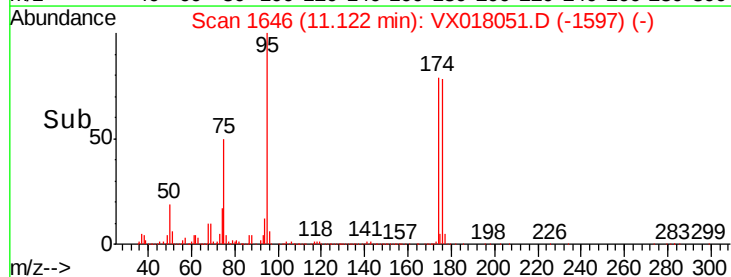
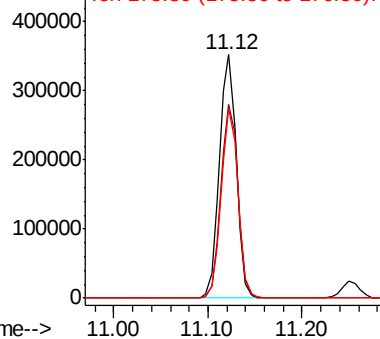
95 100

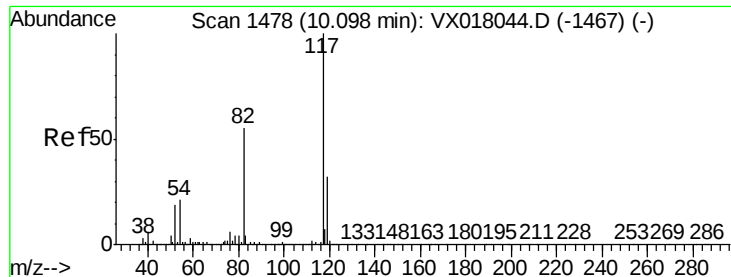
174 80.3 0.0 160.2

176 77.5 0.0 155.8



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

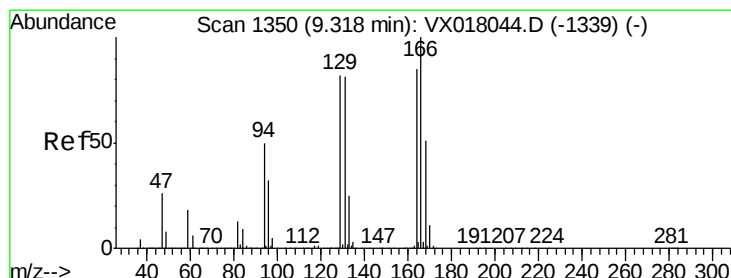
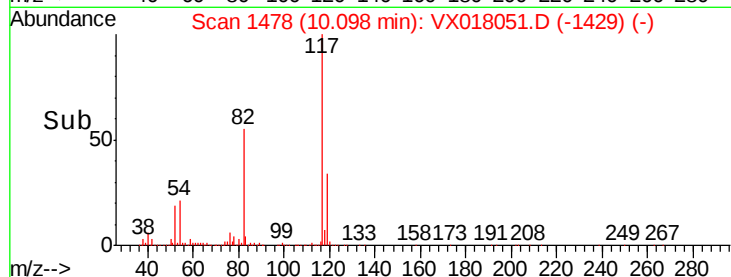
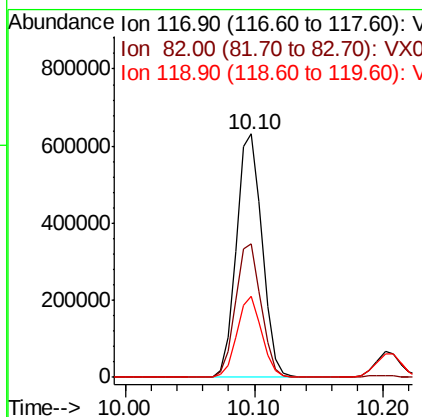
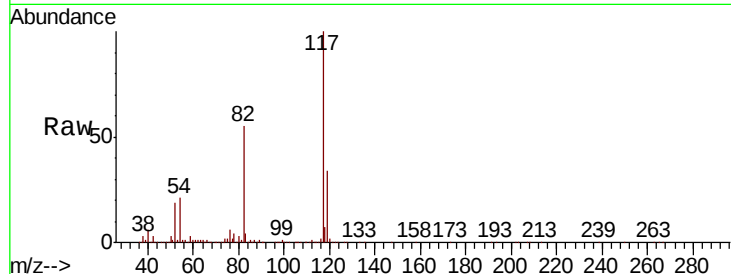




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

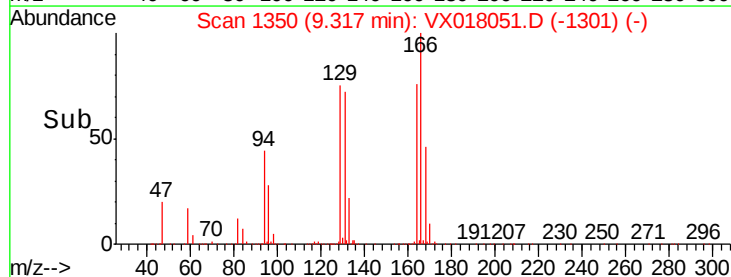
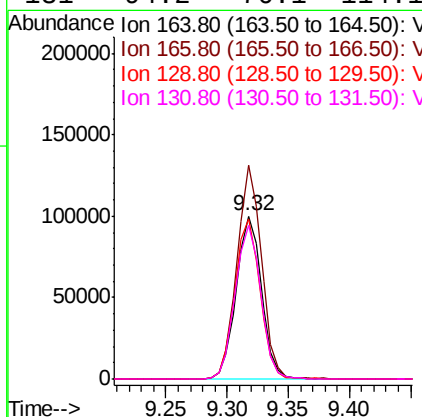
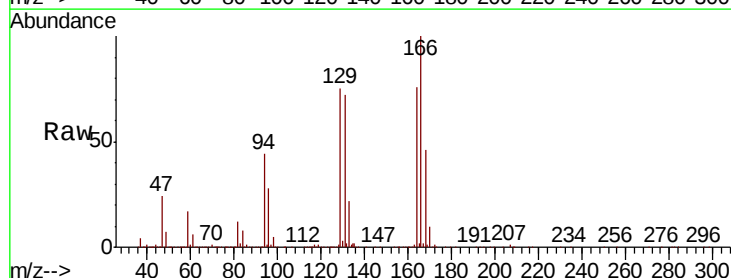
Instrument :
MSVOA_X
ClientSampleId :

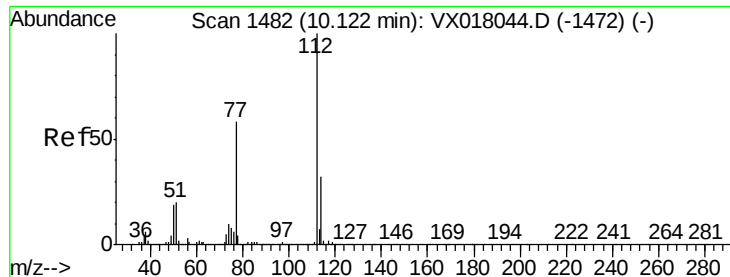
Tot Ion:117 Resp: 874640
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.2
119 33.5 25.7 38.5



#64
Tetrachloroethene
Concen: 22.228 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Tgt Ion:164 Resp: 142866
Ion Ratio Lower Upper
164 100
166 130.9 94.2 141.2
129 97.7 76.9 115.3
131 94.2 76.1 114.1





#65

Chlorobenzene

Concen: 19.658 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

MSVOA_X

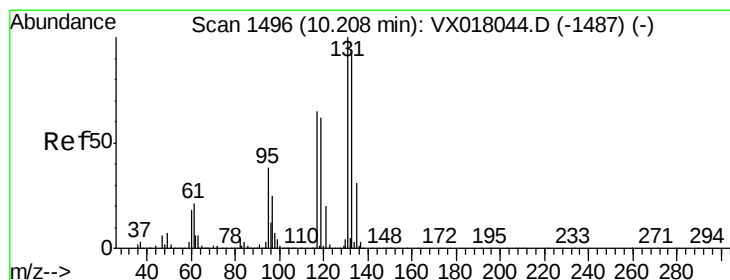
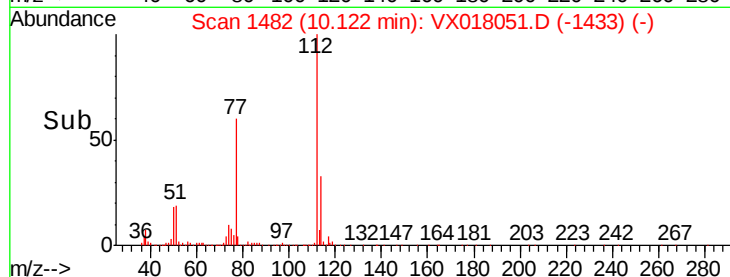
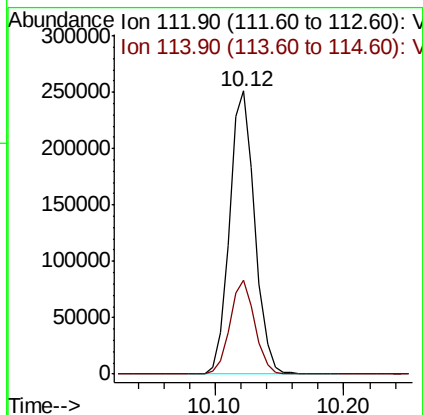
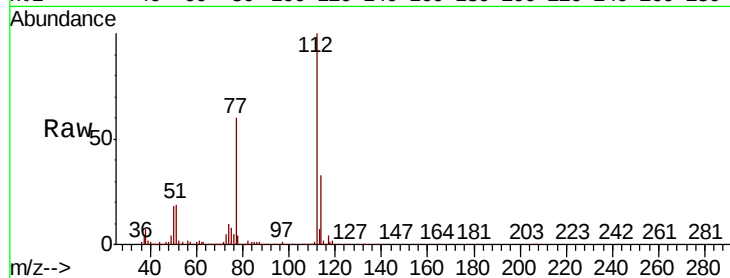
ClientSampled :

Tot Ion:112 Resp: 343391

Ion Ratio Lower Upper

112 100

114 33.0 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 20.063 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

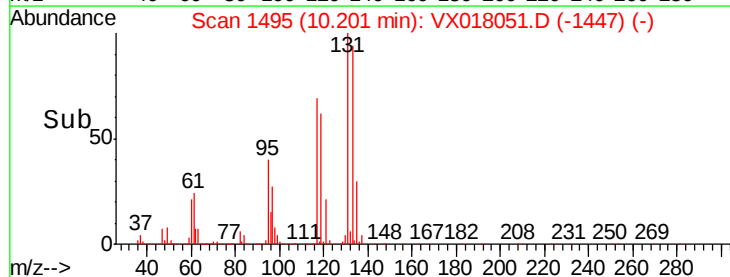
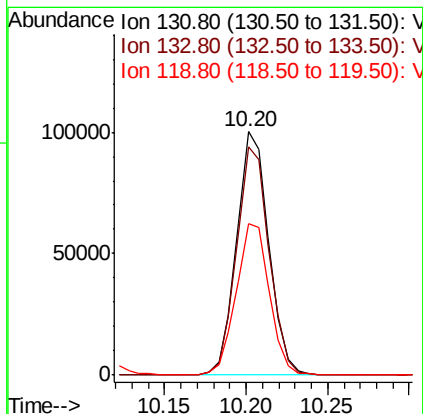
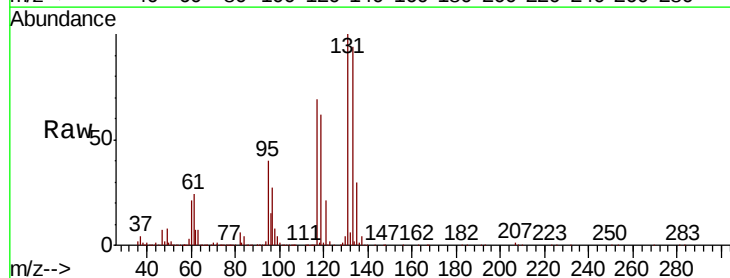
Tgt Ion:131 Resp: 138129

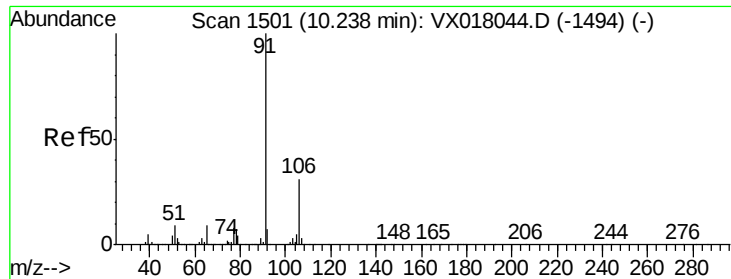
Ion Ratio Lower Upper

131 100

133 94.9 46.7 140.1

119 64.3 31.8 95.4

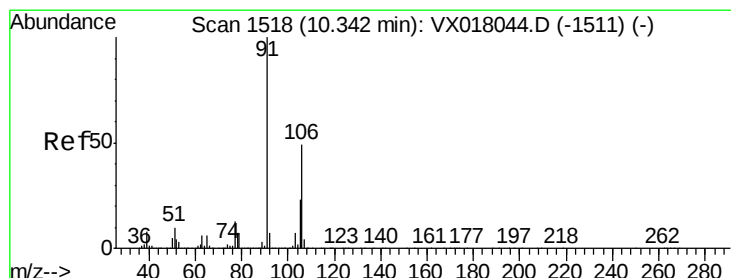
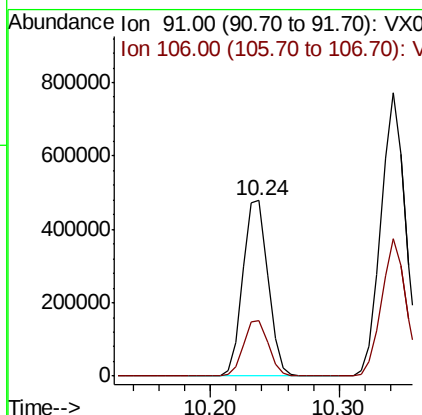
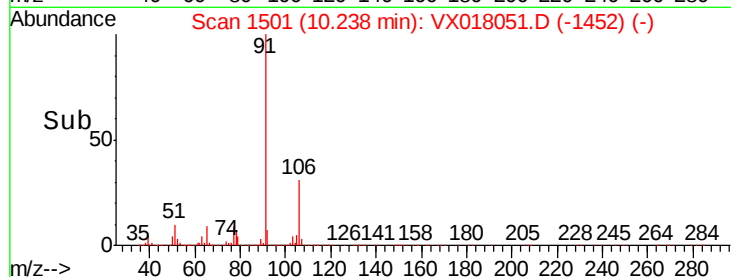
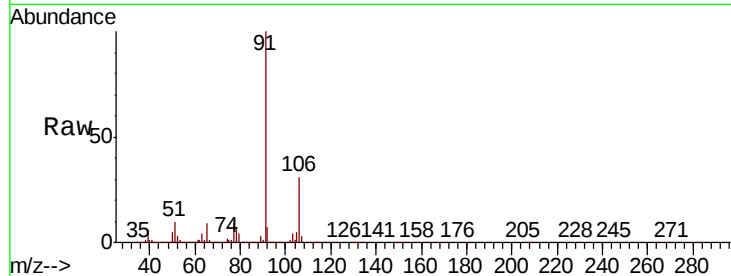




#67
Ethyl Benzene
Concen: 21.841 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

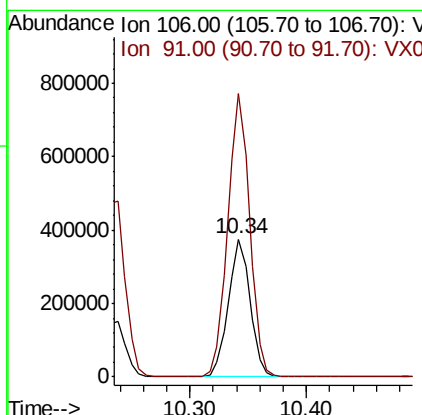
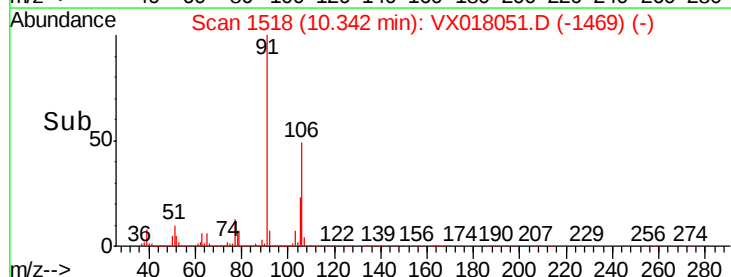
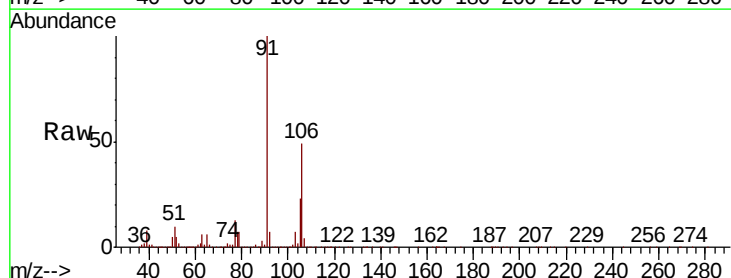
Instrument :
MSVOA_X
ClientSampleId :

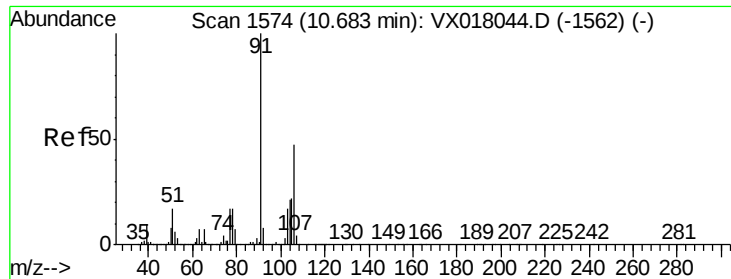
Tot Ion: 91 Resp: 648825
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3



#68
m/p-Xylenes
Concen: 44.282 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Tgt Ion: 106 Resp: 490992
Ion Ratio Lower Upper
106 100
91 205.8 162.2 243.2

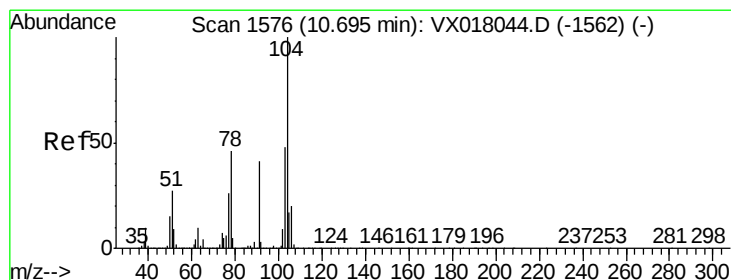
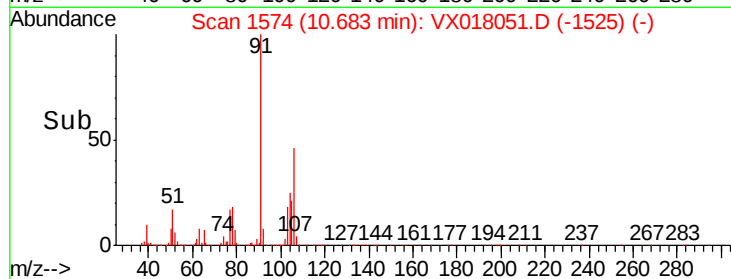
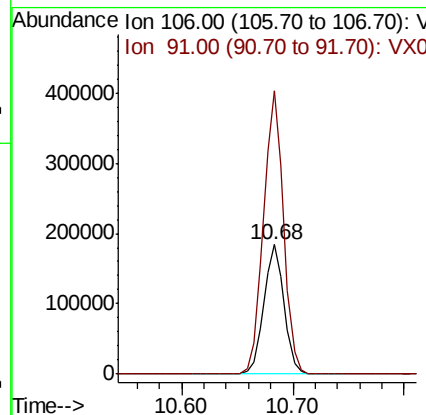
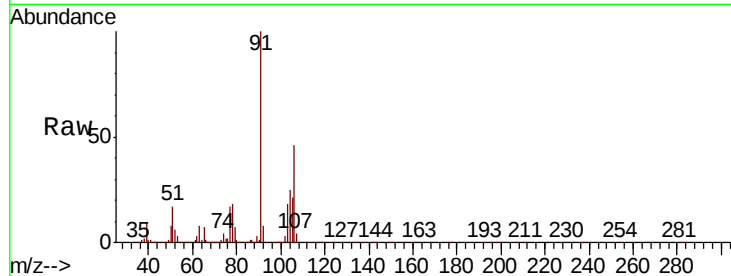




#69
o-Xylene
Concen: 21.719 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

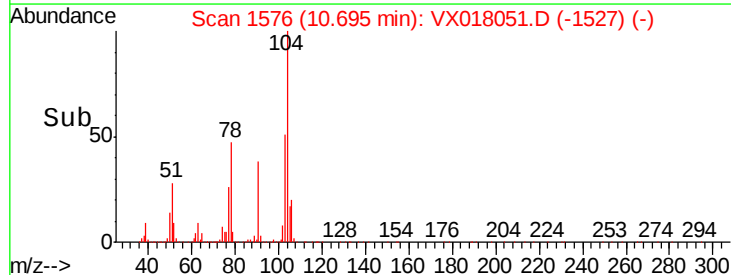
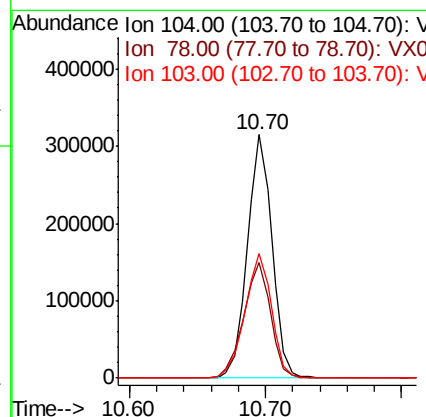
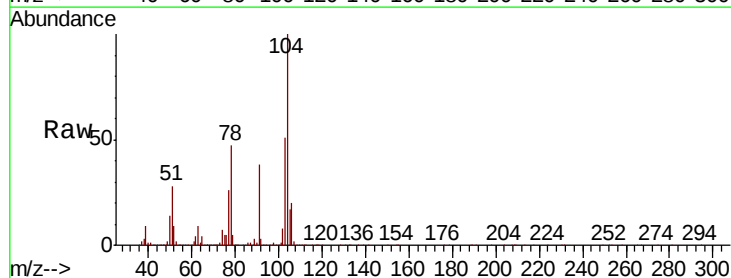
Instrument :
MSVOA_X
ClientSampled :

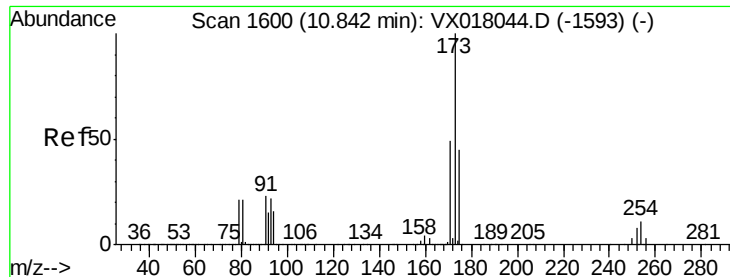
Tot Ion:106 Resp: 233447
Ion Ratio Lower Upper
106 100
91 217.1 107.1 321.3



#70
Styrene
Concen: 21.819 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Tgt Ion:104 Resp: 399389
Ion Ratio Lower Upper
104 100
78 51.7 40.9 61.3
103 55.3 43.6 65.4





#71

Bromoform

Concen: 19.436 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

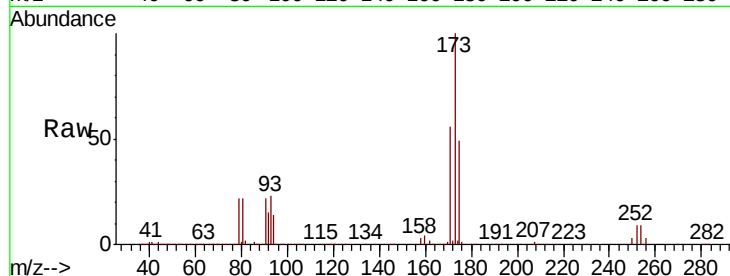
Tot Ion:173 Resp: 114137

Ion Ratio Lower Upper

173 100

175 50.6 23.9 71.8

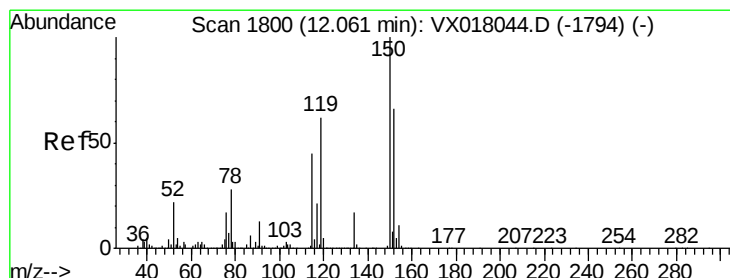
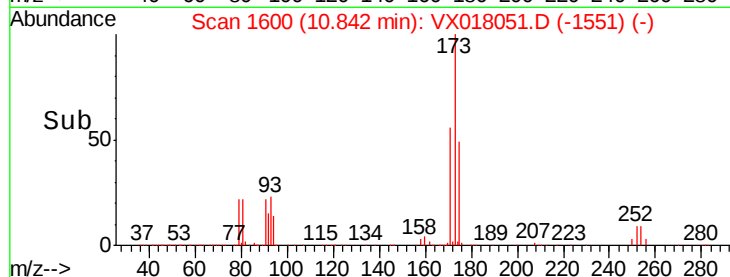
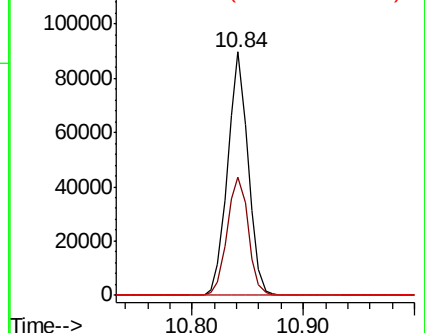
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

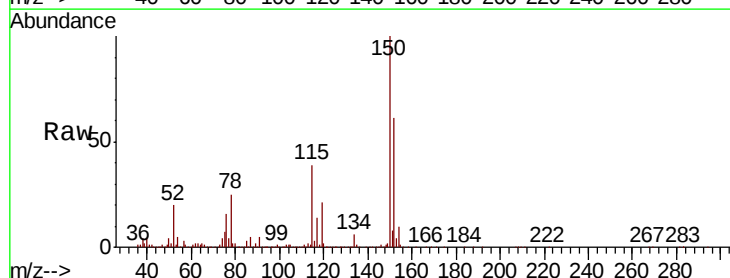
Tgt Ion:152 Resp: 460345

Ion Ratio Lower Upper

152 100

115 67.5 41.5 124.5

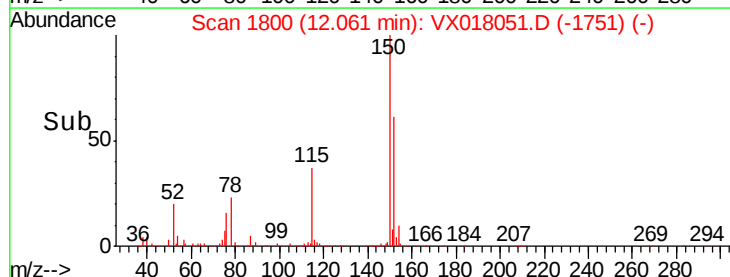
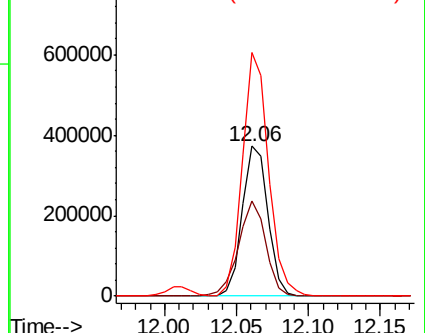
150 164.8 0.0 343.8

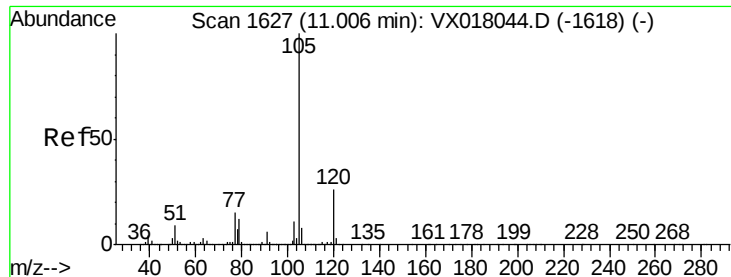


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.792 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

MSVOA_X

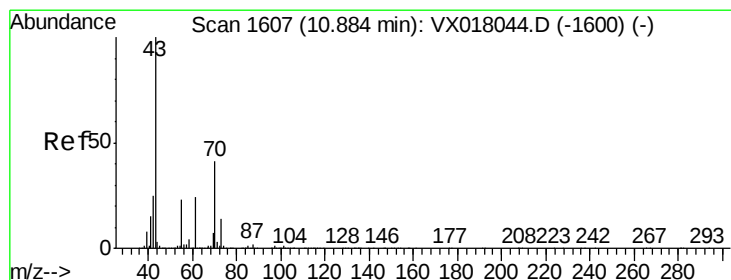
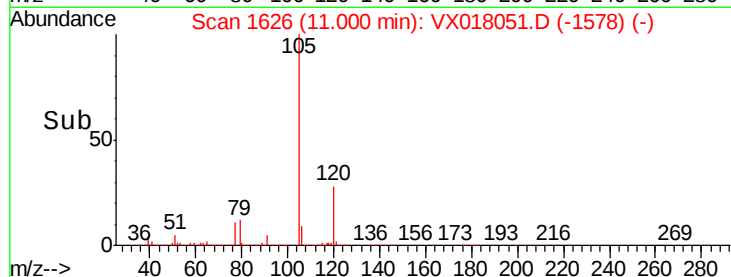
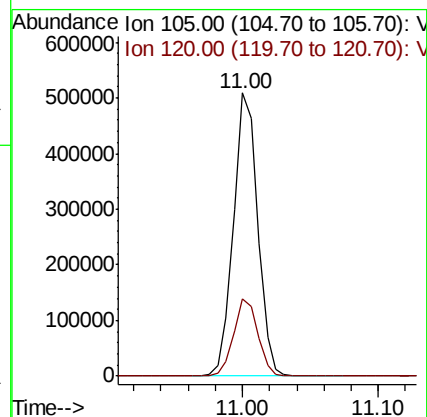
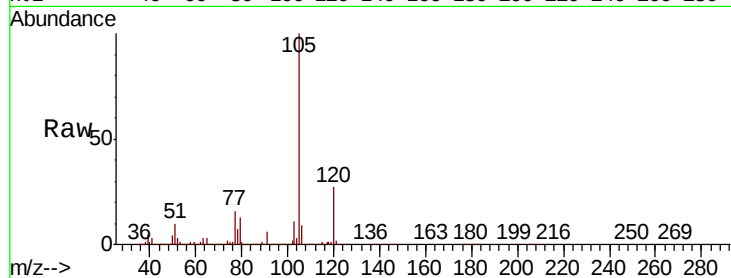
ClientSampled :

Tot Ion: 105 Resp: 631332

Ion Ratio Lower Upper

105 100

120 27.3 13.2 39.5



#74

N-ethyl acetate

Concen: 19.771 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Tgt Ion: 43 Resp: 284843

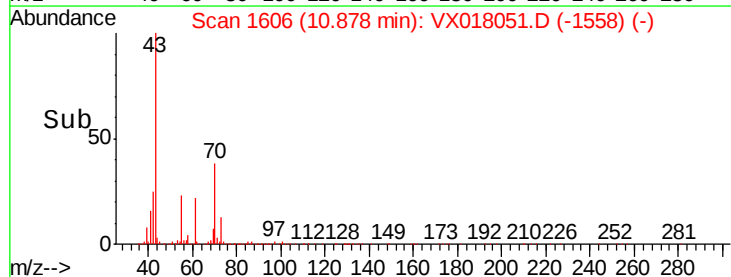
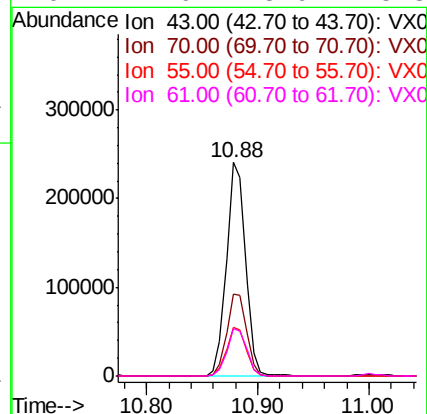
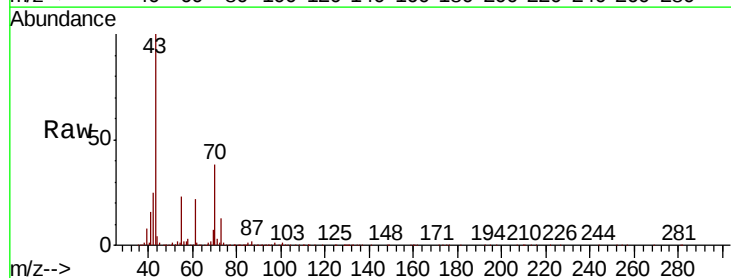
Ion Ratio Lower Upper

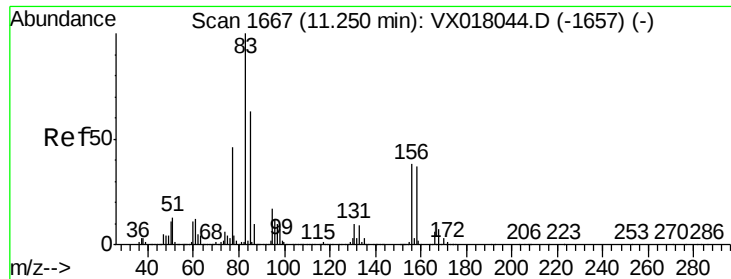
43 100

70 39.8 32.3 48.5

55 23.3 18.2 27.2

61 22.9 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.323 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

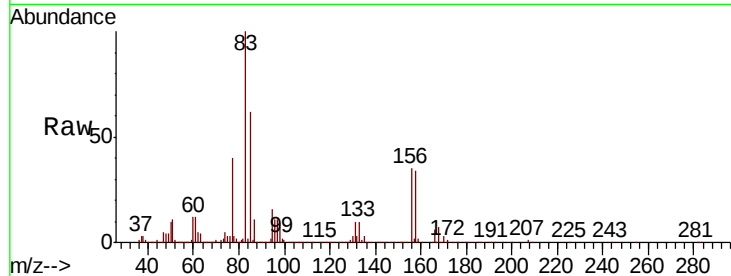
Tot Ion: 83 Resp: 196266

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.4

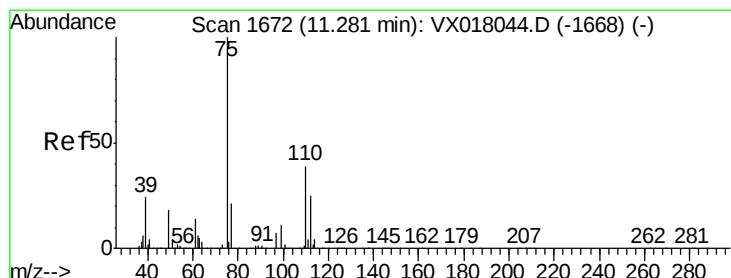
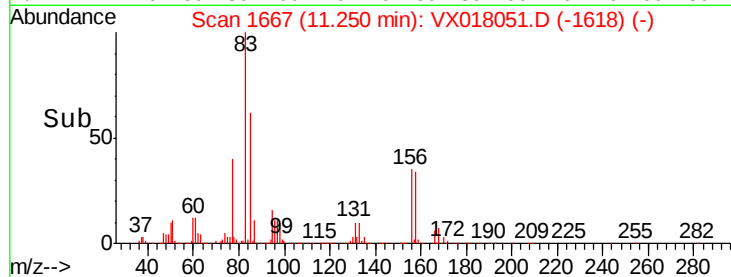
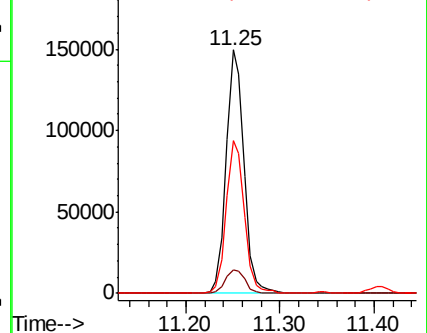
85 63.7 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.058 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018051.D

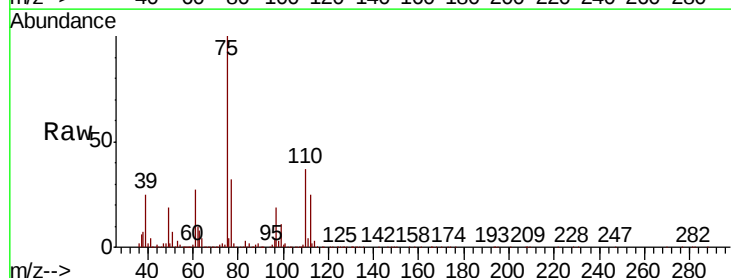
Acq: 21 Aug 2020 12:04

Tgt Ion: 75 Resp: 236124

Ion Ratio Lower Upper

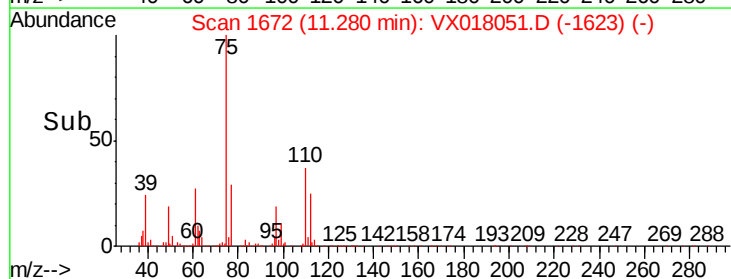
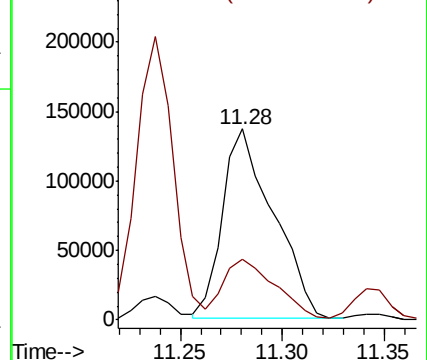
75 100

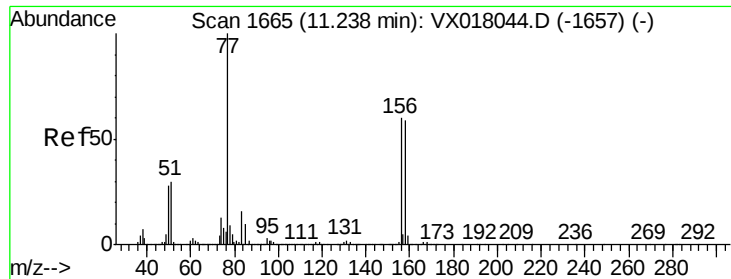
77 32.6 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.441 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

MSVOA_X

ClientSampled :

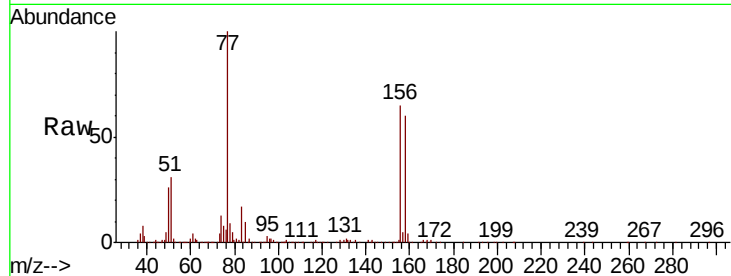
Tot Ion:156 Resp: 163174

Ion Ratio Lower Upper

156 100

77 157.1 80.0 240.2

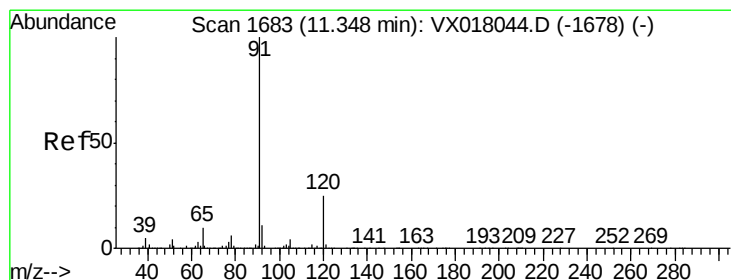
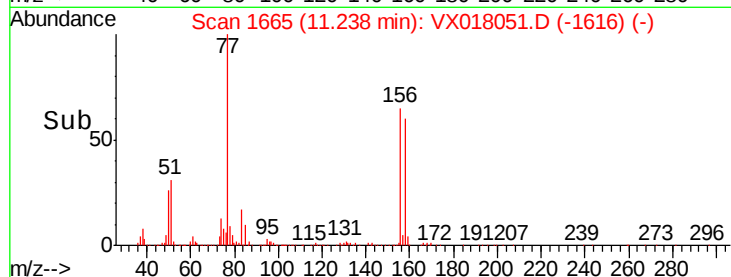
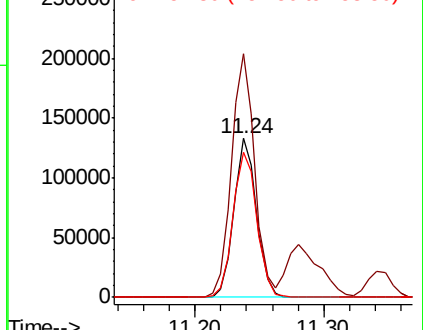
158 96.5 49.5 148.7



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: 20.151 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018051.D

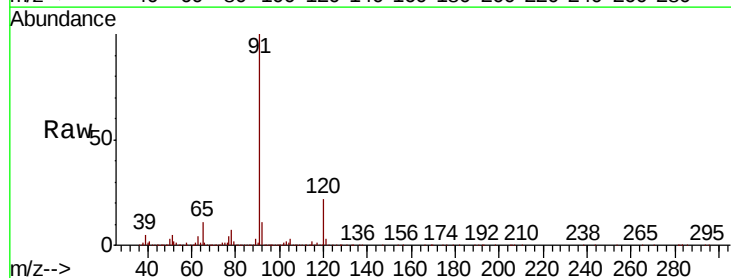
Acq: 21 Aug 2020 12:04

Tgt Ion: 91 Resp: 694777

Ion Ratio Lower Upper

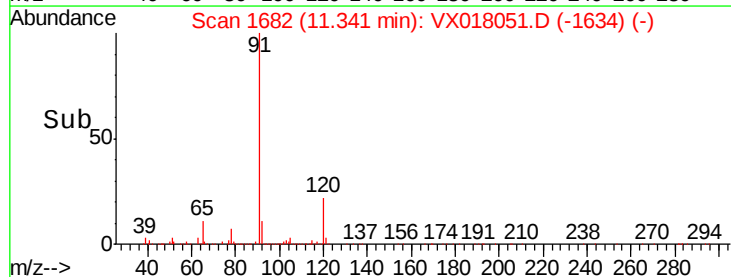
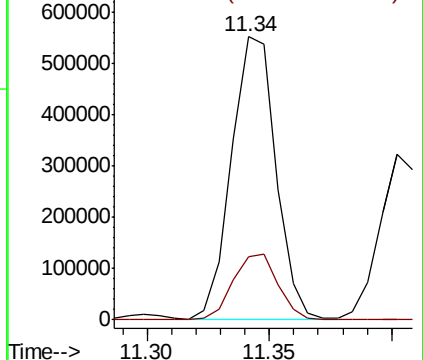
91 100

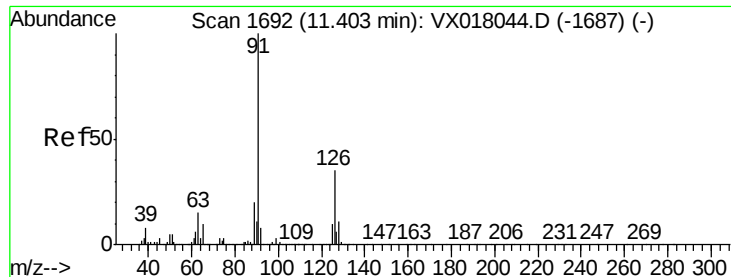
120 23.7 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.551 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

MSVOA_X

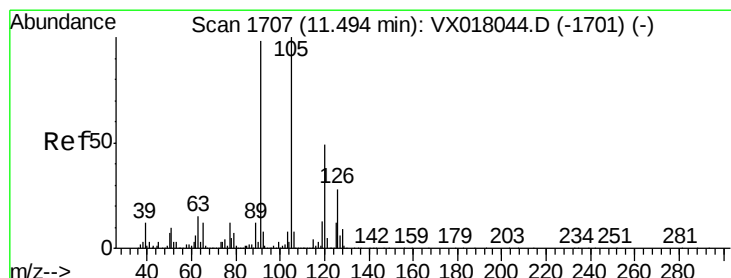
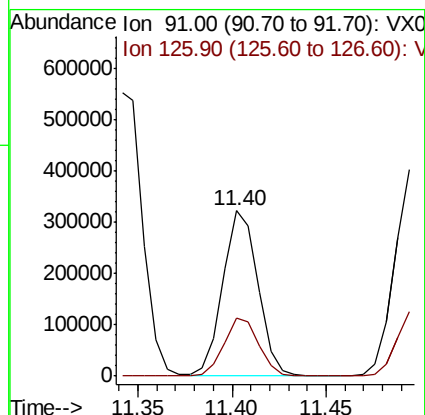
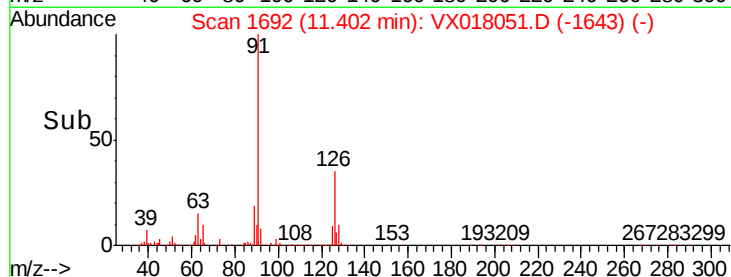
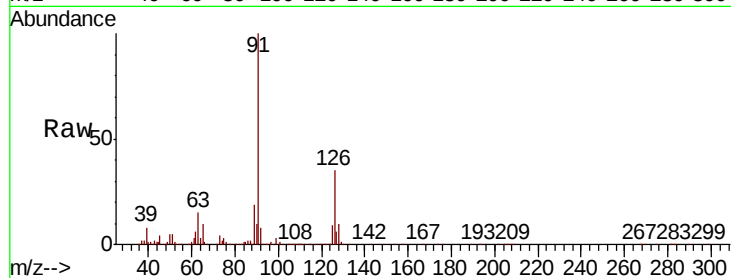
ClientSampleId :

Tot Ion: 91 Resp: 416462

Ion Ratio Lower Upper

91 100

126 35.1 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 20.493 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018051.D

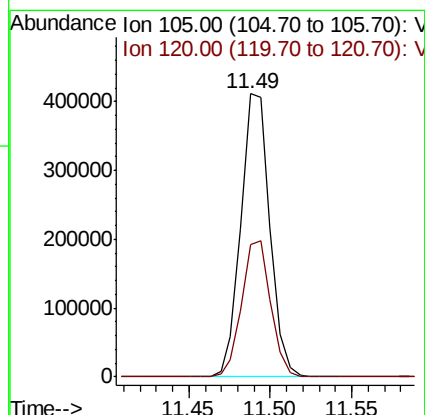
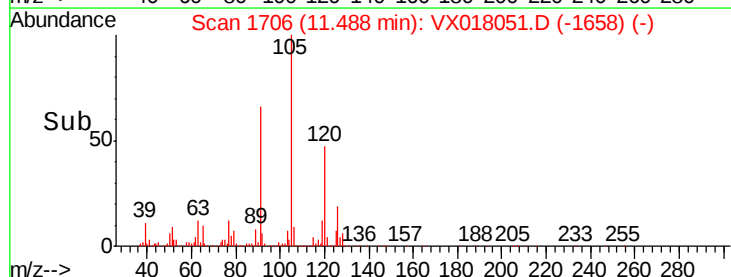
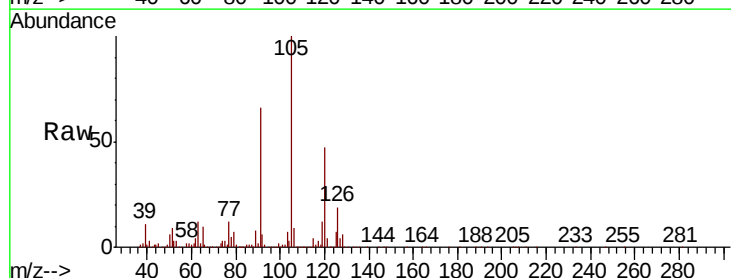
Acq: 21 Aug 2020 12:04

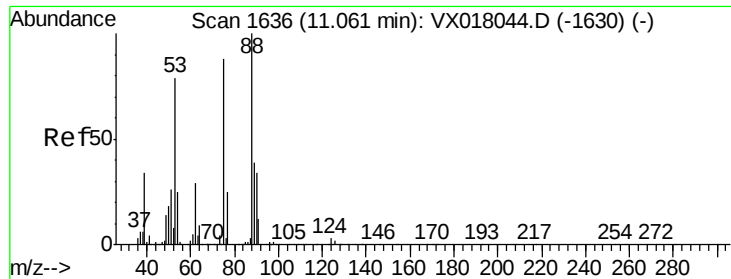
Tgt Ion:105 Resp: 511350

Ion Ratio Lower Upper

105 100

120 48.1 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 19.266 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

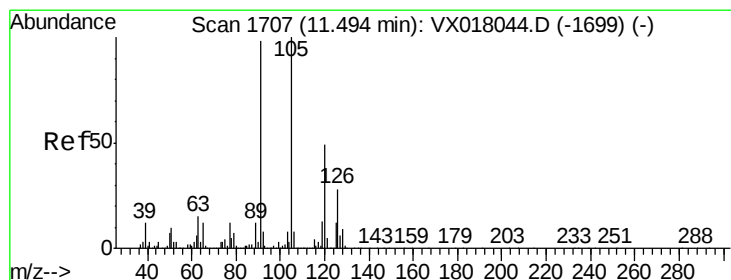
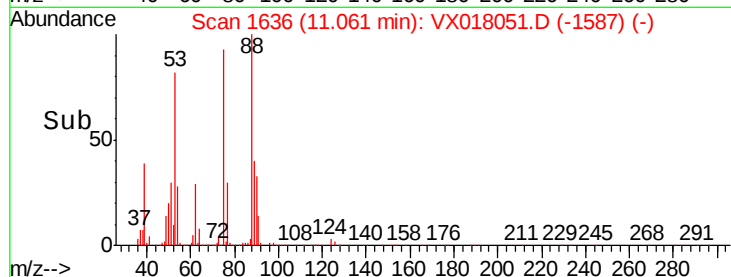
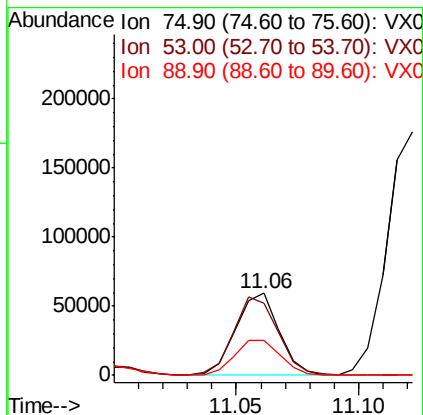
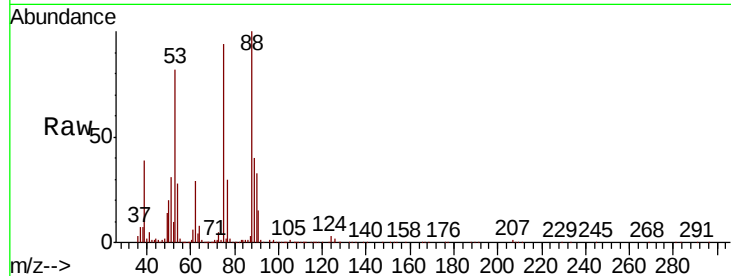
Tot Ion: 75 Resp: 73049

Ion Ratio Lower Upper

75 100

53 97.6 74.7 112.1

89 46.7 36.6 54.8



#82

4-Chlorotoluene

Concen: 19.052 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018051.D

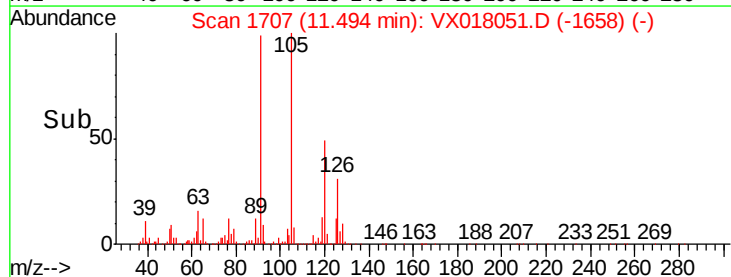
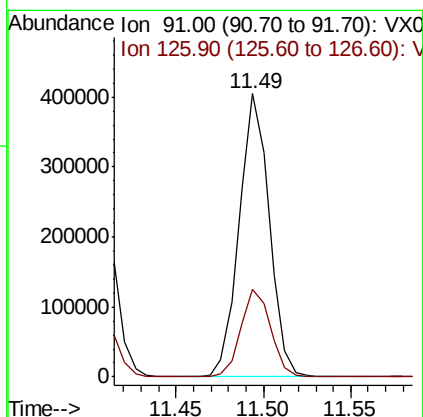
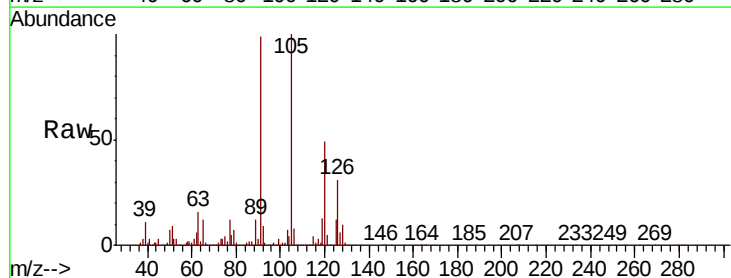
Acq: 21 Aug 2020 12:04

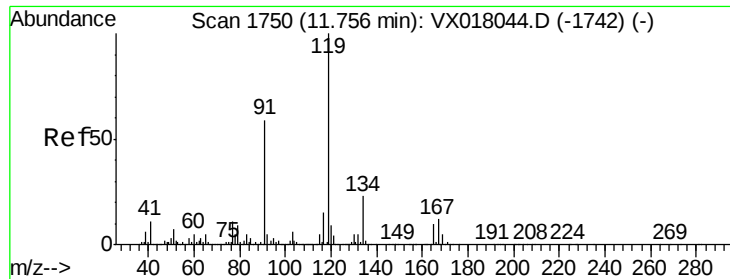
Tgt Ion: 91 Resp: 482448

Ion Ratio Lower Upper

91 100

126 30.9 15.1 45.3





#83

tert-Butylbenzene

Concen: 20.320 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

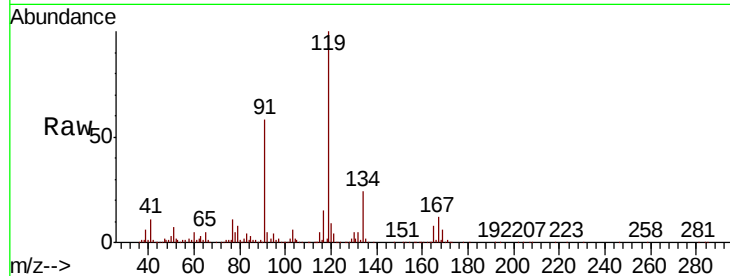
Tot Ion:119 Resp: 500383

Ion Ratio Lower Upper

119 100

91 56.2 28.2 84.7

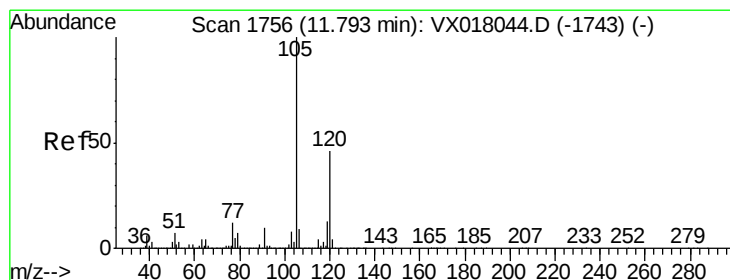
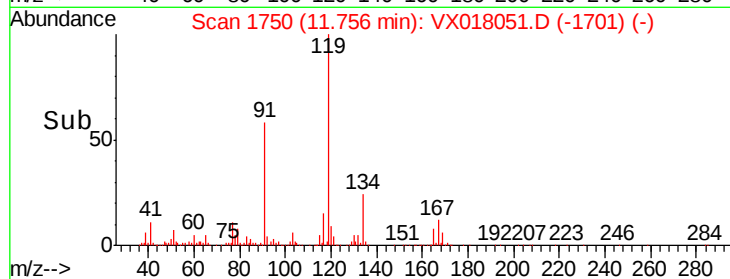
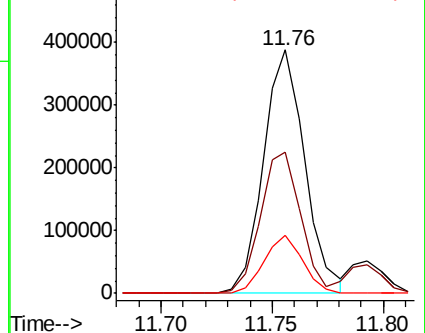
134 22.3 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.423 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018051.D

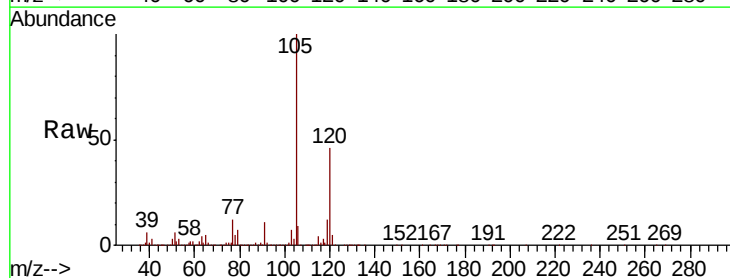
Acq: 21 Aug 2020 12:04

Tgt Ion:105 Resp: 521006

Ion Ratio Lower Upper

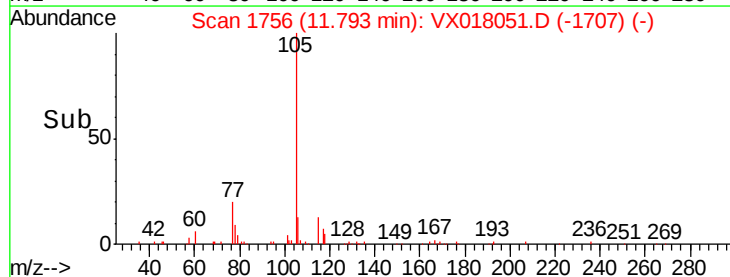
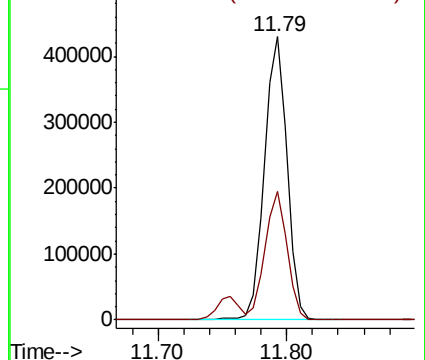
105 100

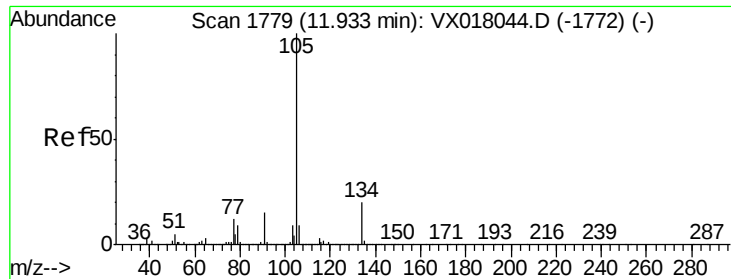
120 44.4 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

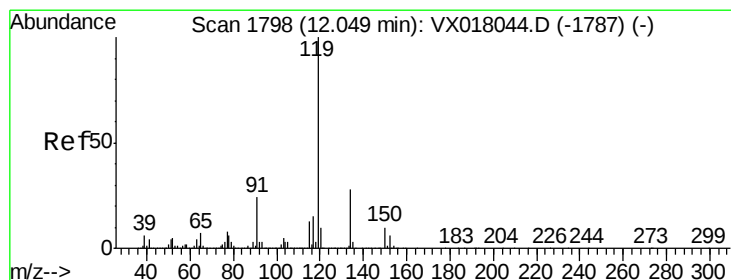
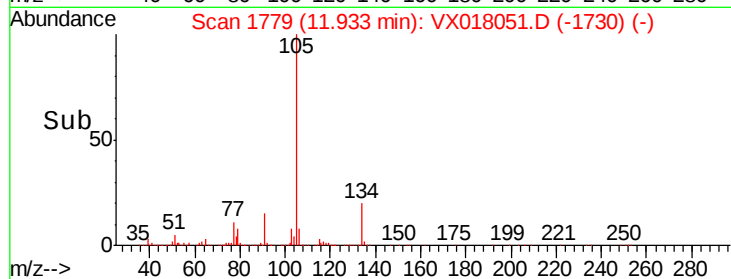
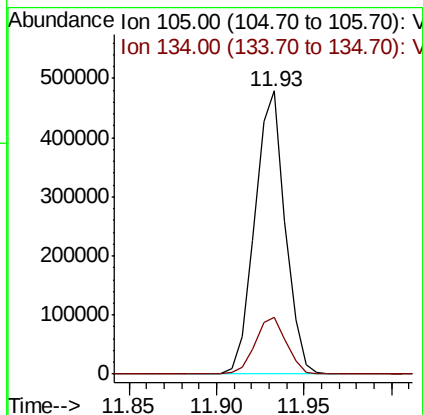
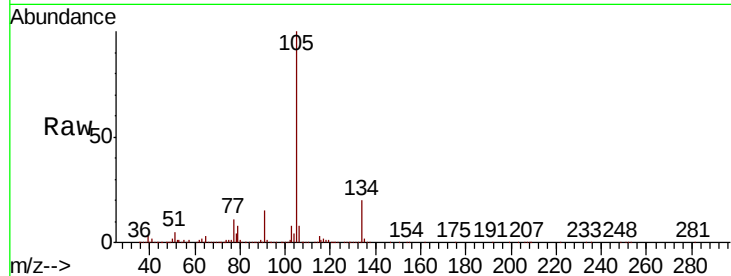




#85
 sec-Butylbenzene
 Concen: 20.577 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018051.D
 Acq: 21 Aug 2020 12:04

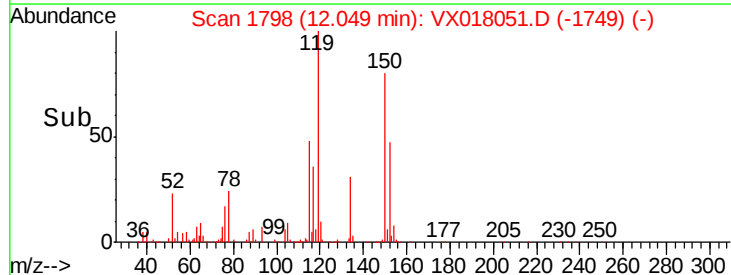
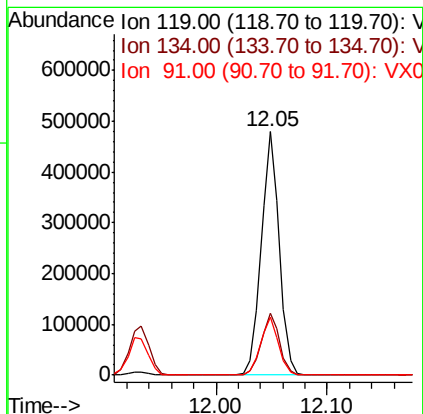
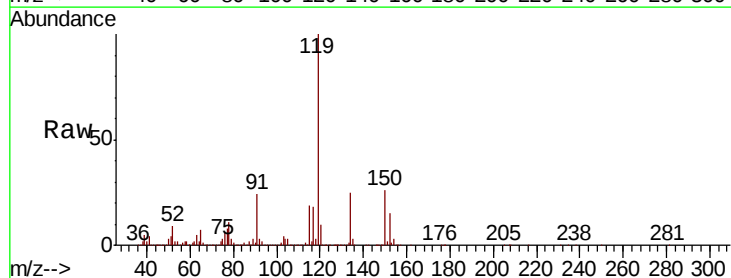
Instrument :
 MSVOA_X
 ClientSampled :

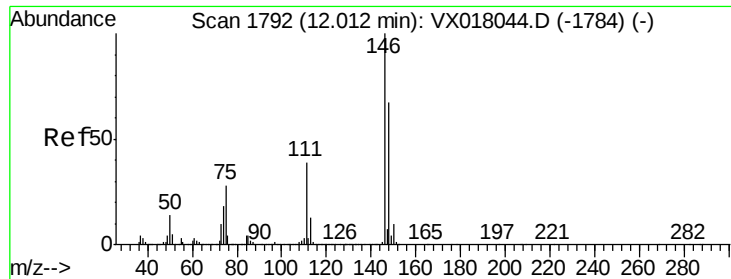
Tot Ion:105 Resp: 576229
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 21.108 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018051.D
 Acq: 21 Aug 2020 12:04

Tgt Ion:119 Resp: 542945
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.2 39.5
 91 23.7 11.8 35.4

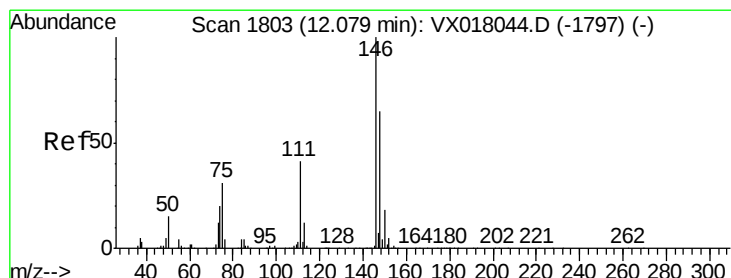
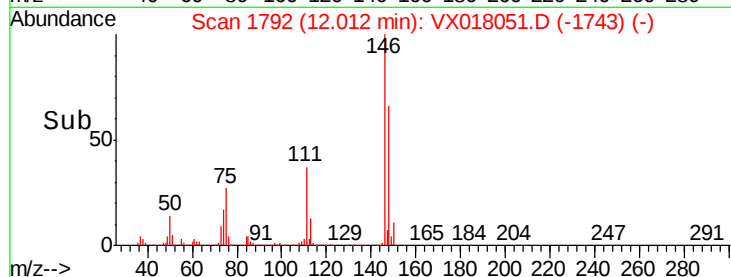
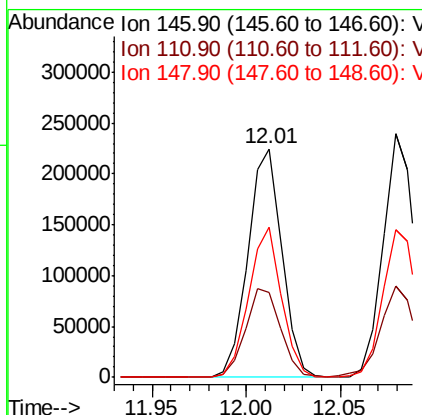
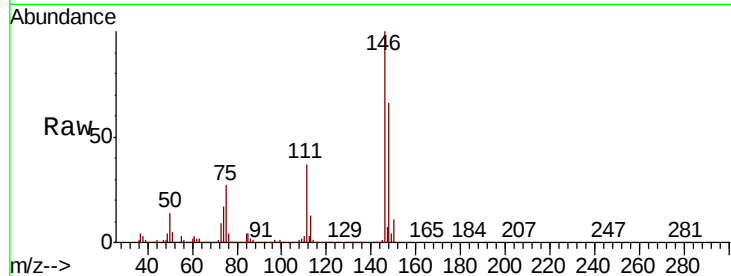




#87
 1,3-Dichlorobenzene
 Concen: 19.044 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018051.D
 Acq: 21 Aug 2020 12:04

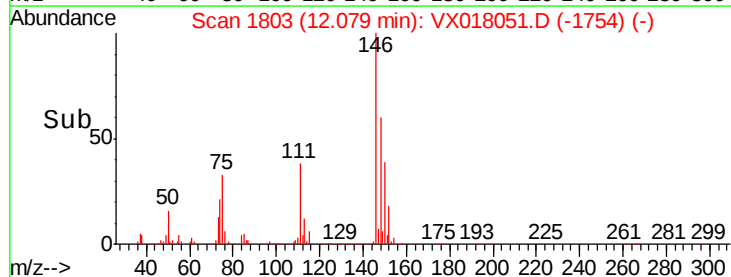
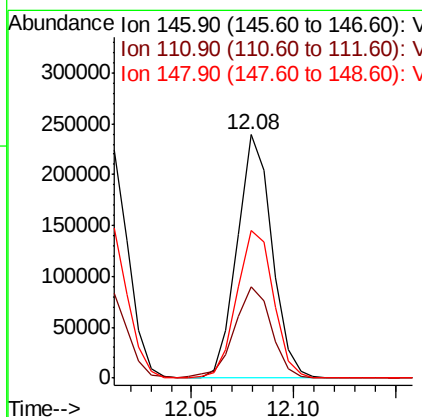
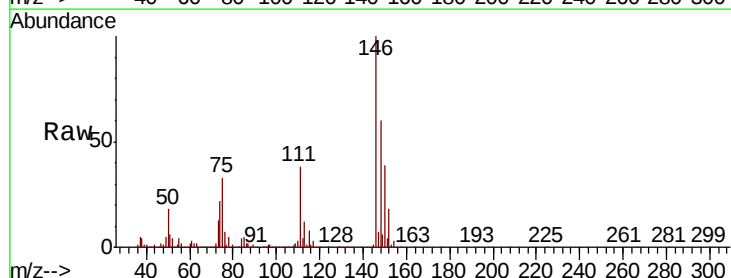
Instrument :
 MSVOA_X
 ClientSampleId :

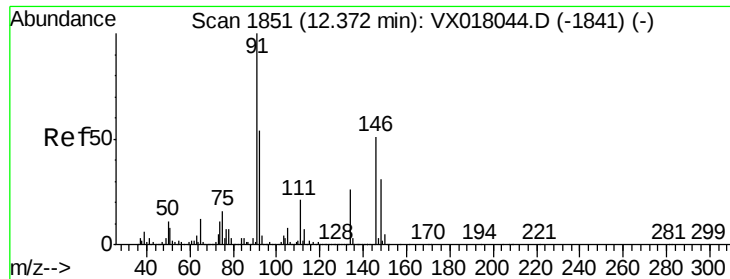
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.6	61.8
148	63.4	33.1	99.2



#88
 1,4-Dichlorobenzene
 Concen: 19.184 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018051.D
 Acq: 21 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.3	60.8
148	63.8	33.1	99.2

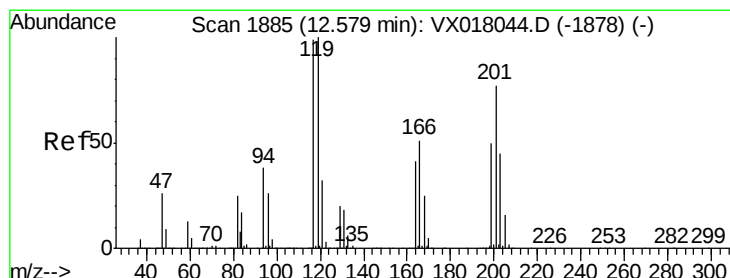
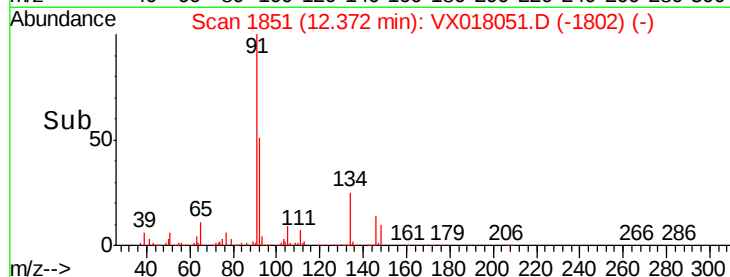
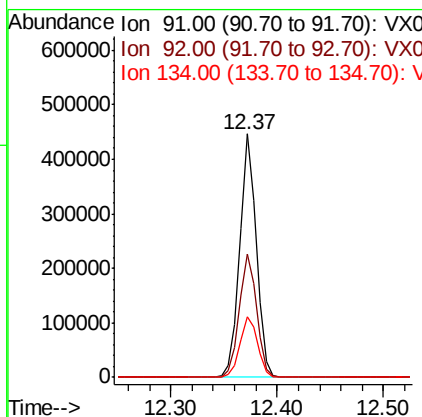
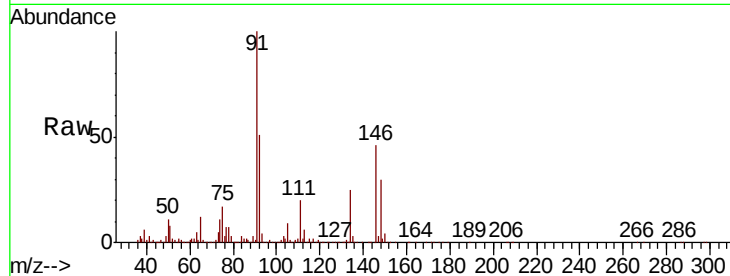




#89
n-Butylbenzene
Concen: 20.907 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

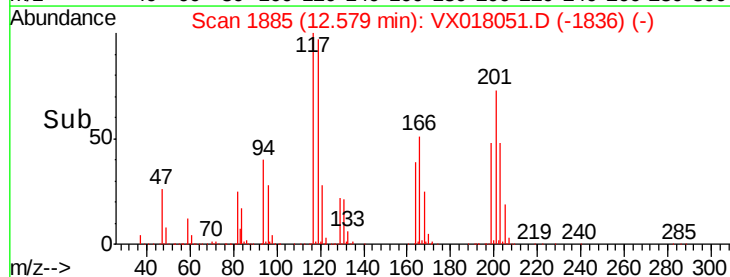
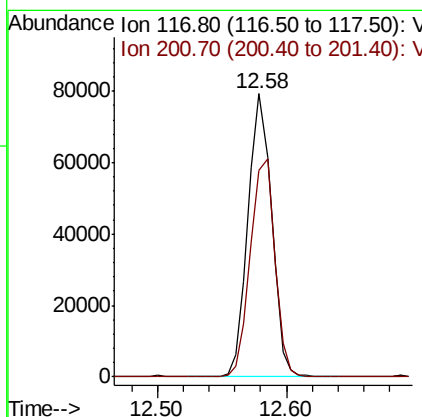
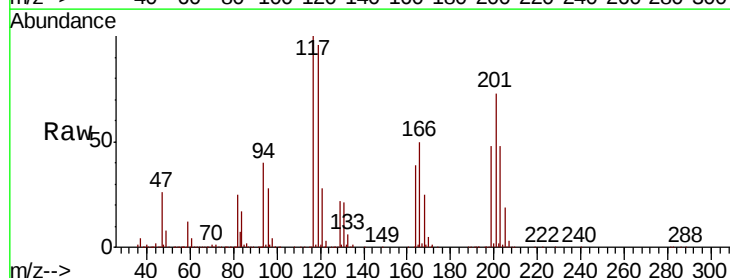
Instrument :
MSVOA_X
ClientSampled :

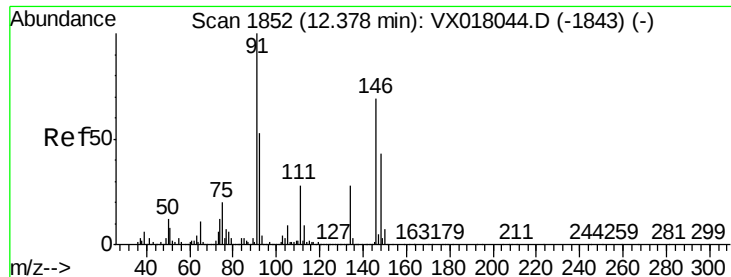
Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.4	79.2
134	26.4	12.9	38.7



#90
Hexachloroethane
Concen: 19.901 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018051.D
Acq: 21 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.2	38.5	115.3





#91

1,2-Dichlorobenzene

Concen: 19.856 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

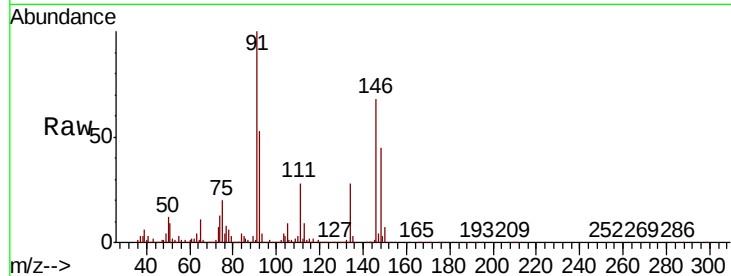
Tot Ion:146 Resp: 275438

Ion Ratio Lower Upper

146 100

111 42.0 20.8 62.5

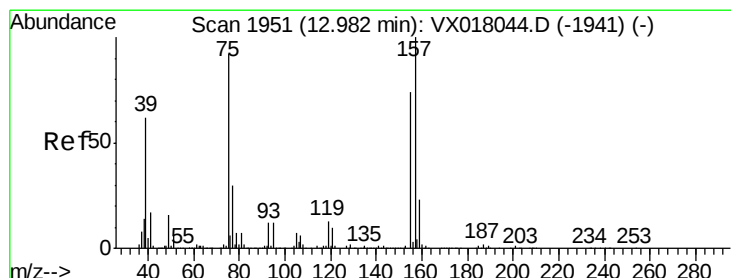
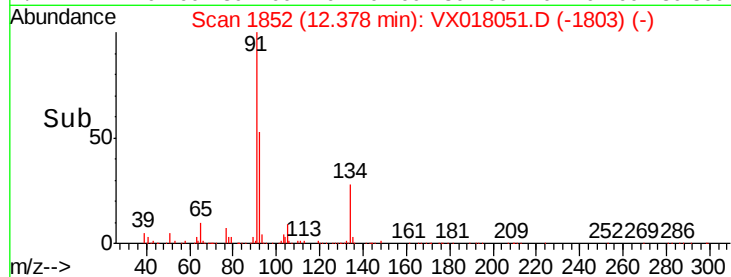
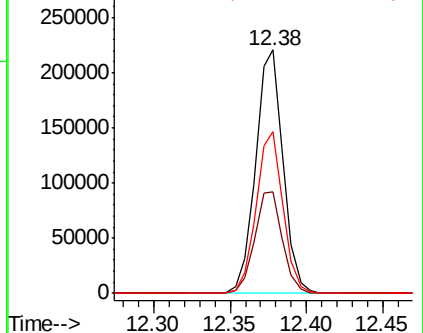
148 65.0 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.522 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

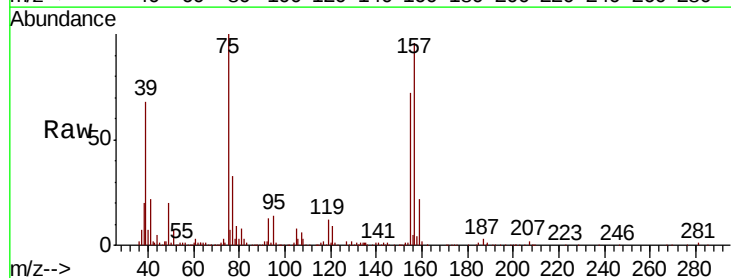
Tgt Ion: 75 Resp: 49607

Ion Ratio Lower Upper

75 100

155 79.0 40.2 120.6

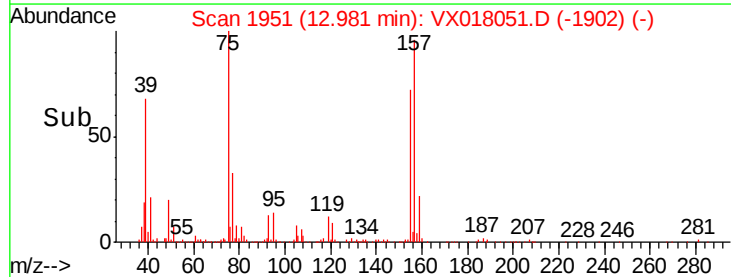
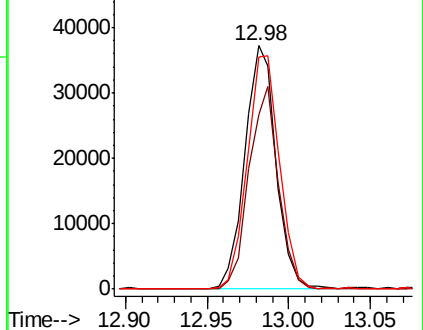
157 99.6 55.0 165.2

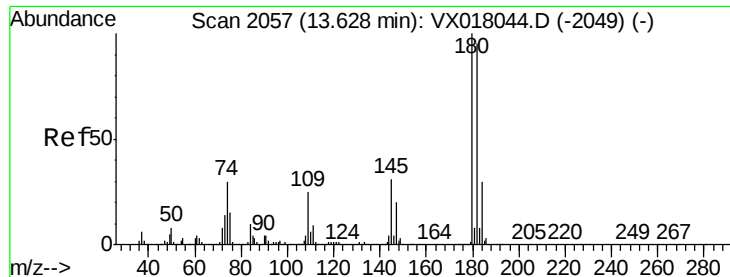


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

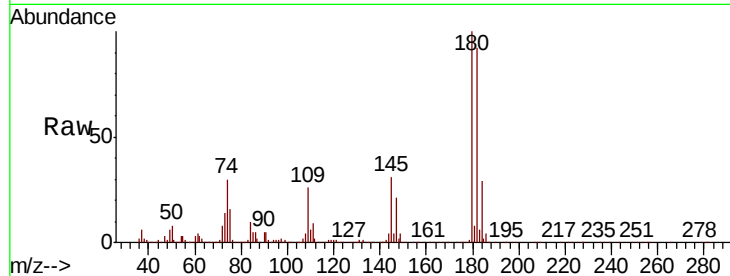




#93
 1,2,4-Trichlorobenzene
 Concen: 19.773 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018051.D
 Acq: 21 Aug 2020 12:04

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.5	142.6
145	31.5	15.7	47.1

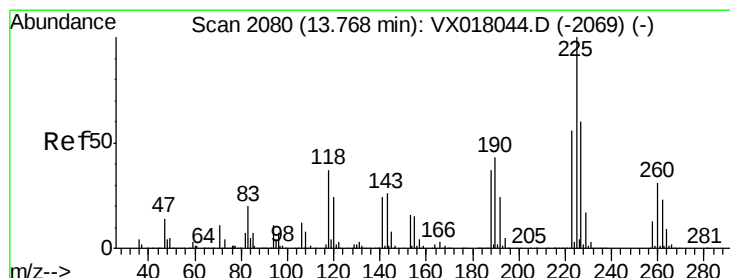
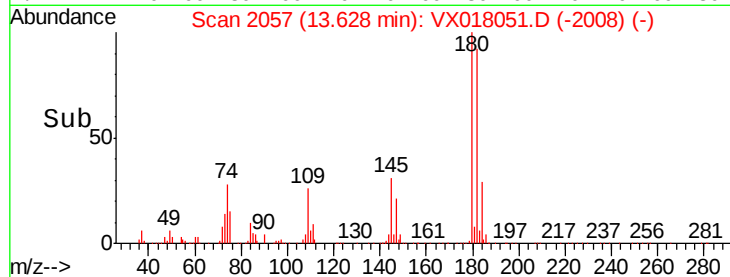
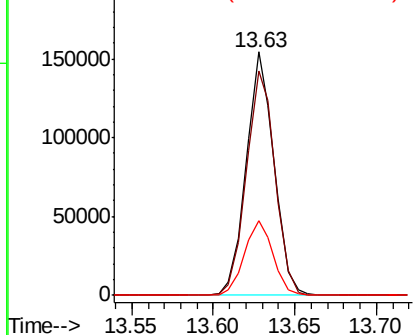


Abundance

Ion 179.80 (179.50 to 180.50): V

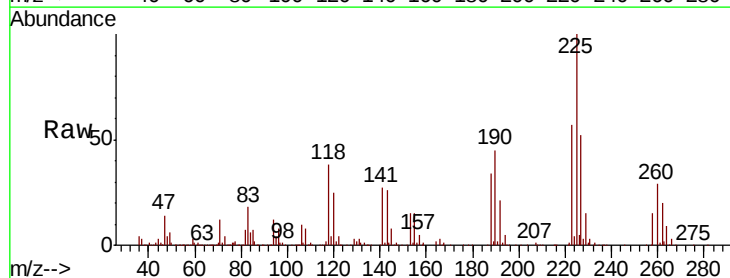
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.575 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018051.D
 Acq: 21 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.7	30.7	92.1
227	60.7	32.6	97.8

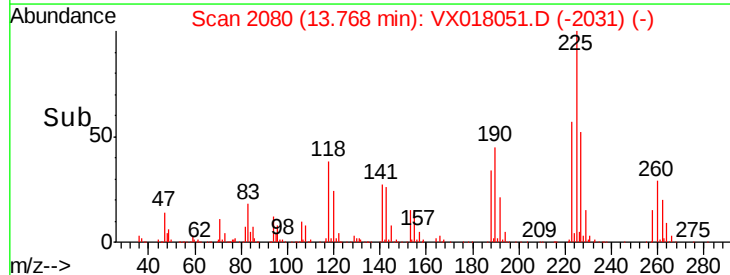
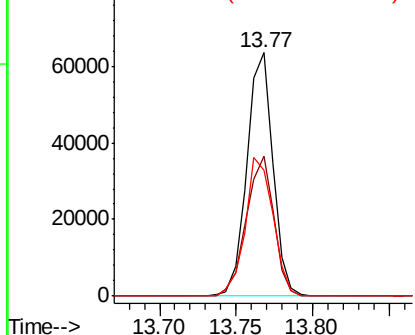


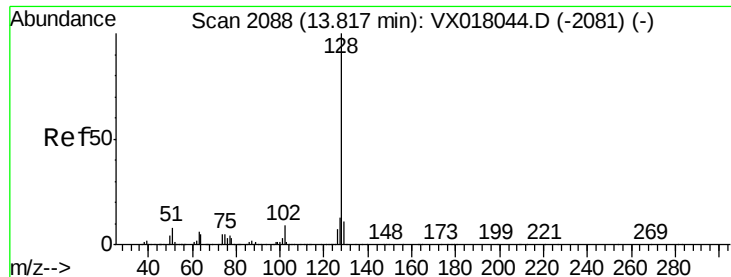
Abundance

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: 18.922 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

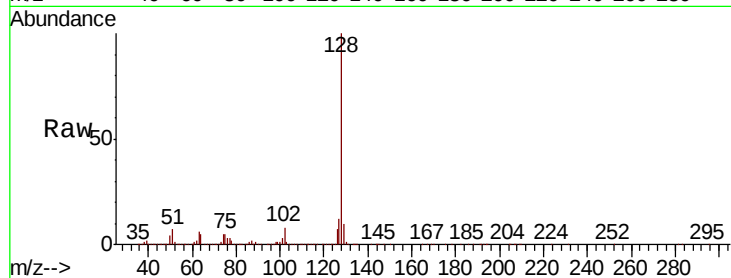
Tot Ion:128 Resp: 576032

Ion Ratio Lower Upper

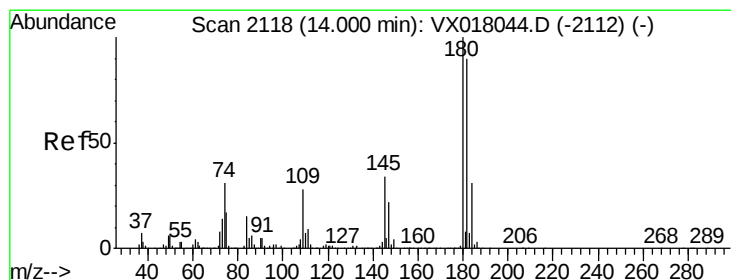
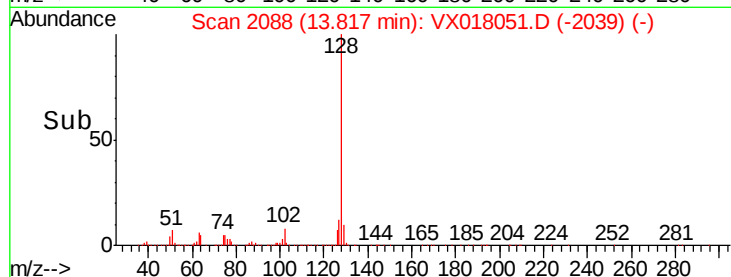
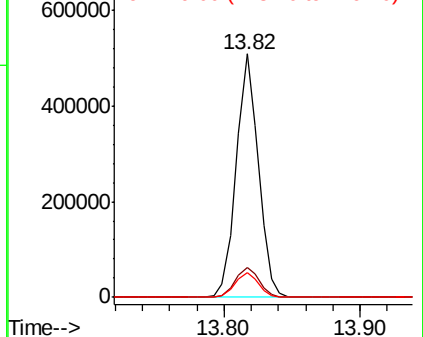
128 100

127 13.1 10.2 15.2

129 10.6 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: 19.666 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018051.D

Acq: 21 Aug 2020 12:04

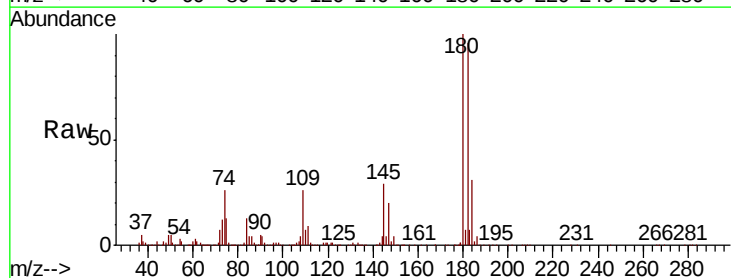
Tgt Ion:180 Resp: 179746

Ion Ratio Lower Upper

180 100

182 92.4 47.3 142.0

145 32.0 17.5 52.6



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

