

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091620\
 Data File : VX018433.D
 Acq On : 16 Sep 2020 12:00
 Operator : JC/SP
 Sample : VX0916MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916MBS01

Quant Time: Sep 16 15:09:36 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	407908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	621325	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	584860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	320711	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	289052	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
35) Dibromofluoromethane	5.46	113	226869	53.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.22%	
50) Toluene-d8	8.70	98	778530	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
62) 4-Bromofluorobenzene	11.12	95	310436	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	84374	16.989	ug/l	100
3) Chloromethane	1.31	50	82425	15.742	ug/l	96
4) Vinyl Chloride	1.39	62	83006	15.925	ug/l	97
5) Bromomethane	1.64	94	59399	23.627	ug/l	98
6) Chloroethane	1.72	64	51732	18.479	ug/l	99
7) Trichlorofluoromethane	1.92	101	148287	20.865	ug/l	99
8) Diethyl Ether	2.17	74	47342	19.642	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	78094	20.325	ug/l	99
10) Methyl Iodide	2.49	142	77136	22.066	ug/l	94
11) Tert butyl alcohol	3.00	59	92529	84.037	ug/l	99
12) 1,1-Dichloroethene	2.36	96	71778	18.006	ug/l	100
13) Acrolein	2.27	56	35607	77.992	ug/l	97
14) Allyl chloride	2.71	41	130239	18.185	ug/l	95
15) Acrylonitrile	3.11	53	221770	88.793	ug/l	98
16) Acetone	2.42	43	198887	90.134	ug/l	98
17) Carbon Disulfide	2.55	76	186682	15.492	ug/l	99
18) Methyl Acetate	2.75	43	120764	22.680	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	274359	20.069	ug/l	98
20) Methylene Chloride	2.83	84	84214	17.916	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	78186	17.703	ug/l	97
22) Diisopropyl ether	3.82	45	274860	19.445	ug/l	96
23) Vinyl Acetate	3.78	43	1174502	93.379	ug/l	99
24) 1,1-Dichloroethane	3.67	63	151379	18.813	ug/l	98
25) 2-Butanone	4.63	43	311415	85.874	ug/l	100
26) 2,2-Dichloropropane	4.55	77	141491	21.612	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	93447	18.364	ug/l	100
28) Bromochloromethane	4.98	49	72837	18.753	ug/l	95
29) Tetrahydrofuran	5.09	42	193432	83.791	ug/l	97
30) Chloroform	5.17	83	166465	19.980	ug/l	100
31) Cyclohexane	5.56	56	115558	17.049	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	152271	19.915	ug/l	99
36) 1,1-Dichloropropene	5.77	75	112828	19.688	ug/l	99
37) Ethyl Acetate	4.79	43	121183	18.207	ug/l	# 94
38) Carbon Tetrachloride	5.76	117	140053	21.686	ug/l	99

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 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)
39) Methylcyclohexane	7.44	83	117217	18.706	ug/l	98
40) Benzene	6.11	78	313854	18.638	ug/l	99
41) Methacrylonitrile	4.99	41	68551	18.757	ug/l	97
42) 1,2-Dichloroethane	6.16	62	141715	21.965	ug/l	97
43) Isopropyl Acetate	6.41	43	202358	18.823	ug/l	98
44) Trichloroethene	7.19	130	94338	19.827	ug/l	97
45) 1,2-Dichloropropane	7.49	63	88121	19.416	ug/l	99
46) Dibromomethane	7.63	93	64069	20.075	ug/l	98
47) Bromodichloromethane	7.87	83	136024	21.345	ug/l	97
48) Methyl methacrylate	7.74	41	98165	18.343	ug/l	98
49) 1,4-Dioxane	7.71	88	32583	336.109	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	635410	95.684	ug/l	98
52) Toluene	8.76	92	205466	19.242	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	142795	20.218	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	152358	20.364	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	90518	19.877	ug/l	97
56) Ethyl methacrylate	9.16	69	128790	19.024	ug/l	98
57) 1,3-Dichloropropane	9.35	76	147315	19.613	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	332428	109.156	ug/l	99
59) 2-Hexanone	9.47	43	466815	92.447	ug/l	100
60) Dibromochloromethane	9.57	129	111900	20.946	ug/l	98
61) 1,2-Dibromoethane	9.65	107	98724	19.968	ug/l	97
64) Tetrachloroethene	9.32	164	89240	20.764	ug/l	93
65) Chlorobenzene	10.12	112	234442	20.071	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.20	131	93539	20.318	ug/l	95
67) Ethyl Benzene	10.24	91	393741	19.821	ug/l	99
68) m/p-Xylenes	10.34	106	302971	40.863	ug/l	97
69) o-Xylene	10.68	106	138776	19.308	ug/l	97
70) Styrene	10.70	104	247632	20.231	ug/l	97
71) Bromoform	10.84	173	82818	21.090	ug/l #	100
73) Isopropylbenzene	11.00	105	395663	18.704	ug/l	100
74) N-amyl acetate	10.88	43	170013	16.939	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	133525	17.893	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	160281	22.466	ug/l	85
77) Bromobenzene	11.24	156	108695	18.588	ug/l	97
78) n-propylbenzene	11.34	91	459916	19.147	ug/l	99
79) 2-Chlorotoluene	11.40	91	276972	18.664	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	350412	20.157	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	46523	17.612	ug/l	97
82) 4-Chlorotoluene	11.49	91	335297	19.006	ug/l	99
83) tert-Butylbenzene	11.76	119	327588	19.095	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	349769	19.680	ug/l	100
85) sec-Butylbenzene	11.93	105	390553	20.019	ug/l	100
86) p-Isopropyltoluene	12.05	119	363081	20.261	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	198580	19.342	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	202351	19.685	ug/l	98
89) n-Butylbenzene	12.37	91	317024	19.382	ug/l	99
90) Hexachloroethane	12.58	117	73464	20.836	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	190953	19.759	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32326	17.324	ug/l	96

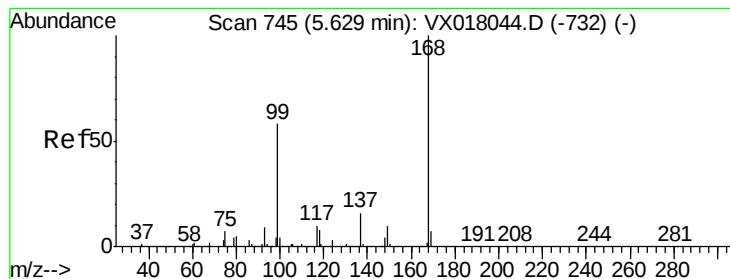
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091620\
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Quant Time: Sep 16 15:09:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	126508	19.631	ug/l	98
94) Hexachlorobutadiene	13.76	225	58730	23.105	ug/l	97
95) Naphthalene	13.82	128	370233	17.457	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	124753	19.592	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018433.D

Acq: 16 Sep 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

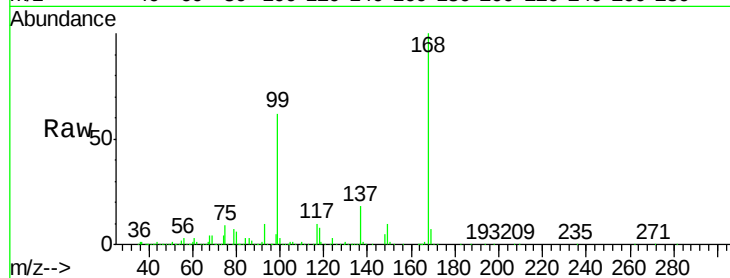
VX0916MBS01

Tgt Ion:168 Resp: 407908

Ion Ratio Lower Upper

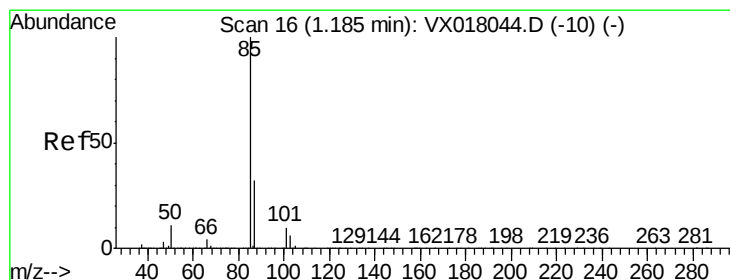
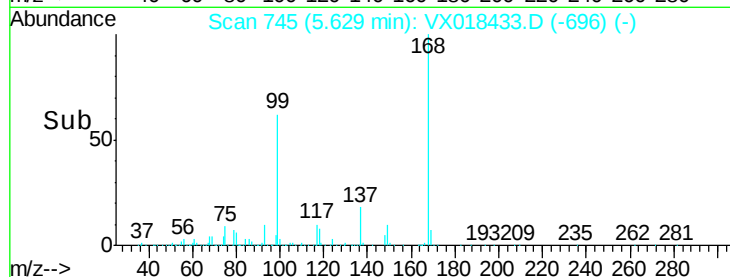
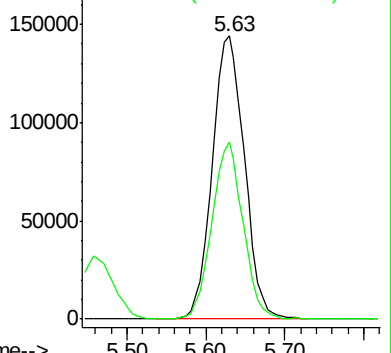
168 100

99 62.3 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 16.989 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018433.D

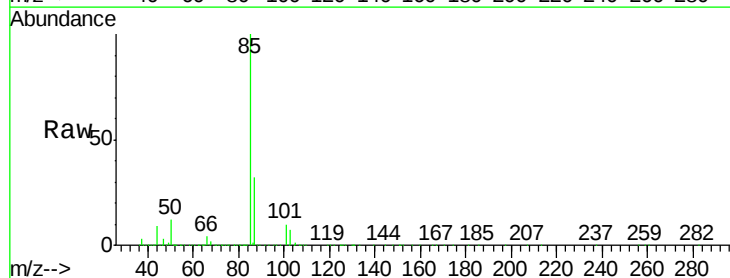
Acq: 16 Sep 2020 12:00

Tgt Ion: 85 Resp: 84374

Ion Ratio Lower Upper

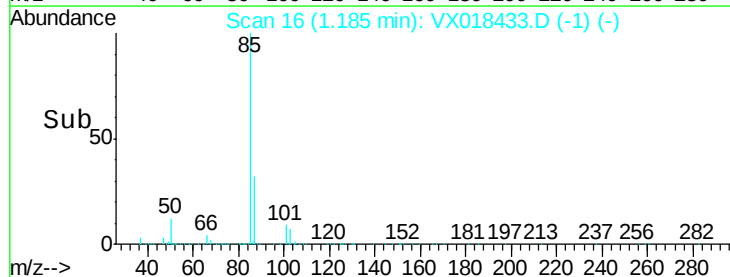
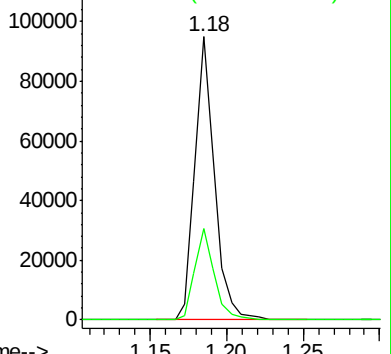
85 100

87 32.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 15.742 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018433.D

Acq: 16 Sep 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

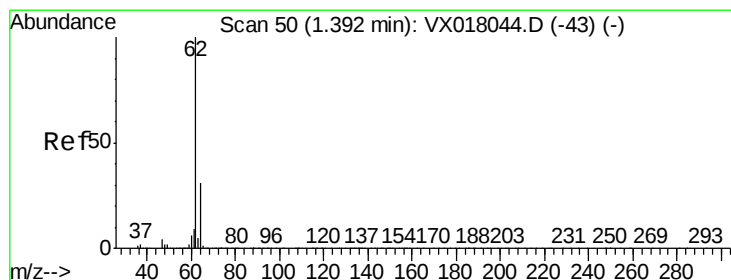
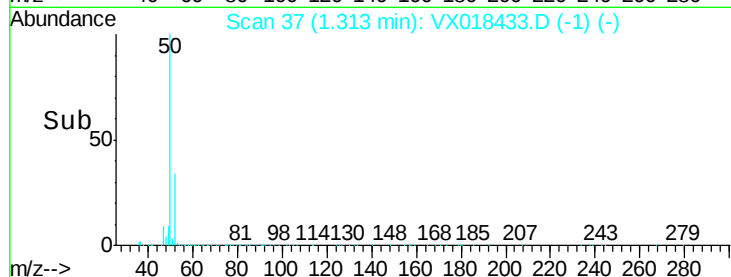
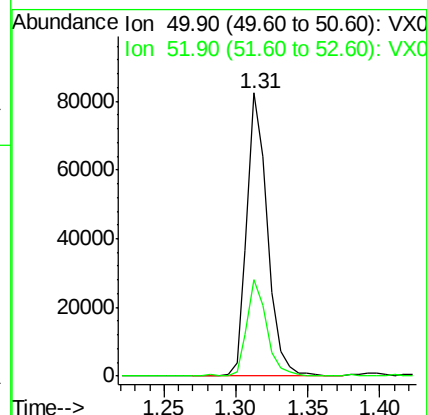
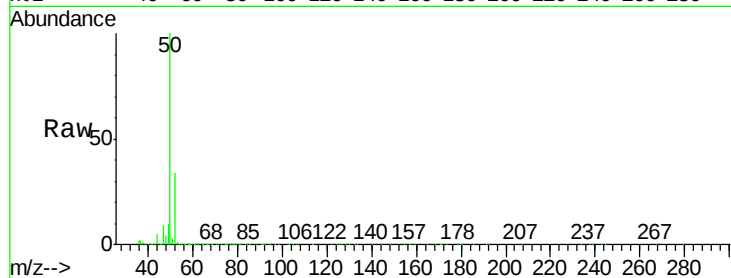
VX0916MBS01

Tgt Ion: 50 Resp: 82425

Ion Ratio Lower Upper

50 100

52 34.2 25.4 38.2



#4

Vinyl Chloride

Concen: 15.925 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018433.D

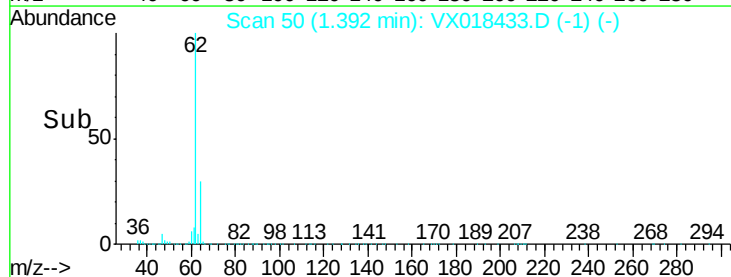
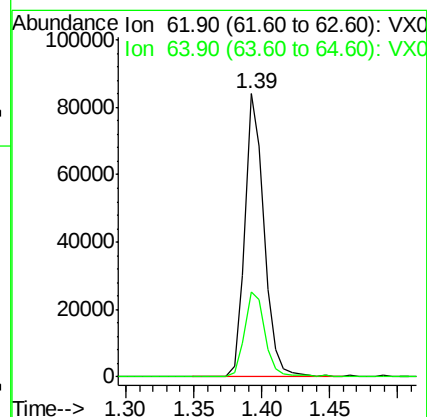
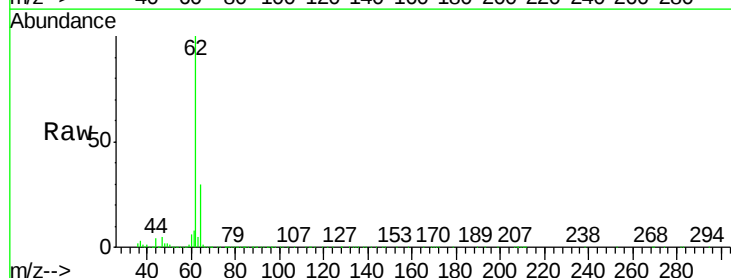
Acq: 16 Sep 2020 12:00

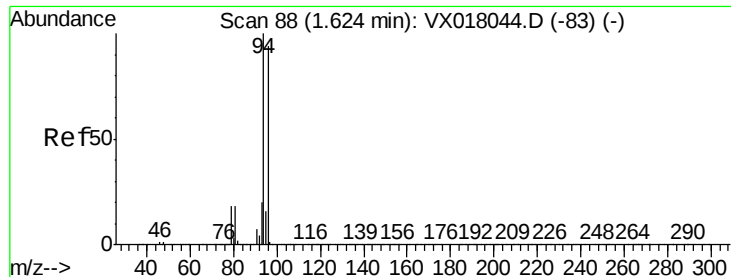
Tgt Ion: 62 Resp: 83006

Ion Ratio Lower Upper

62 100

64 29.7 25.1 37.7





#5

Bromomethane

Concen: 23.627 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX018433.D

Acq: 16 Sep 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

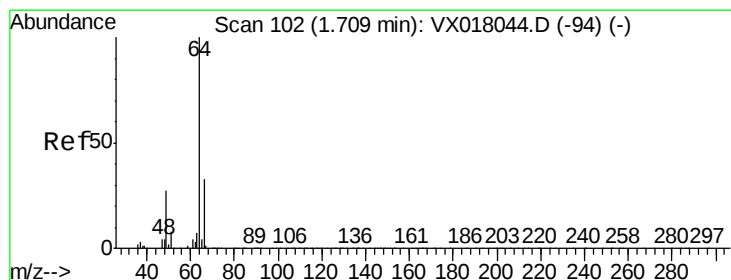
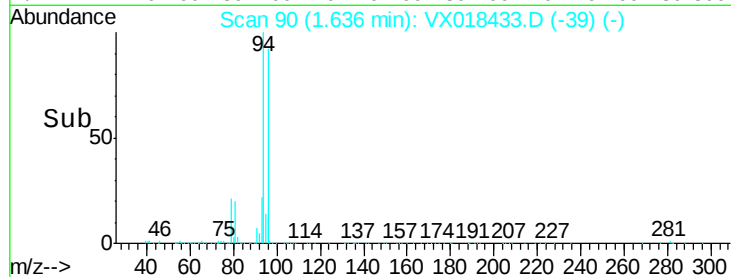
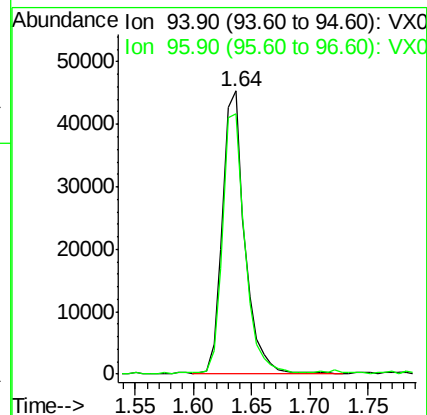
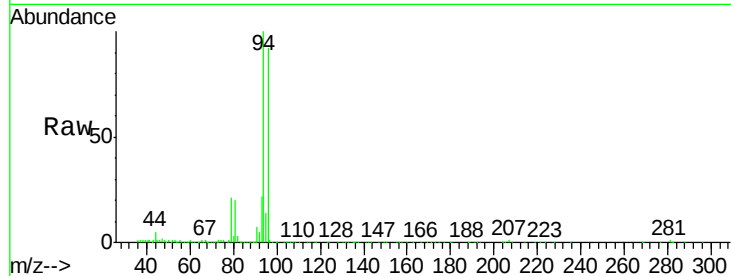
VX0916MBS01

Tgt Ion: 94 Resp: 59399

Ion Ratio Lower Upper

94 100

96 91.7 74.8 112.2



#6

Chloroethane

Concen: 18.479 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018433.D

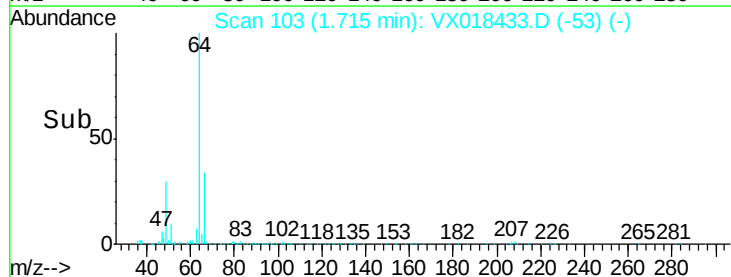
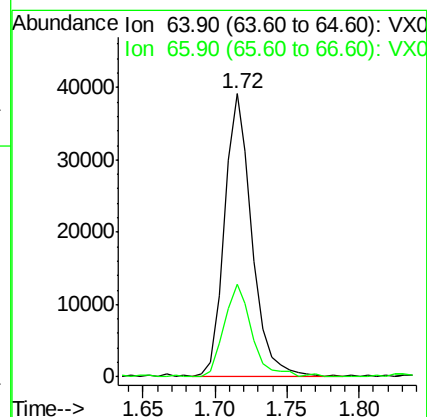
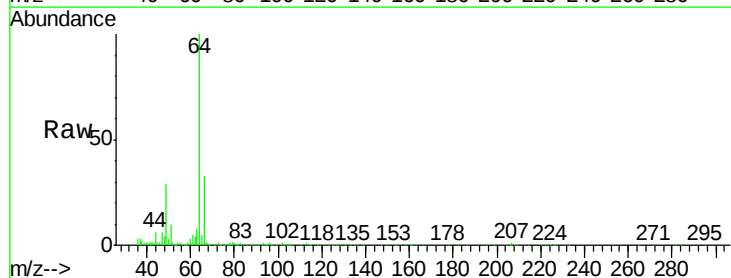
Acq: 16 Sep 2020 12:00

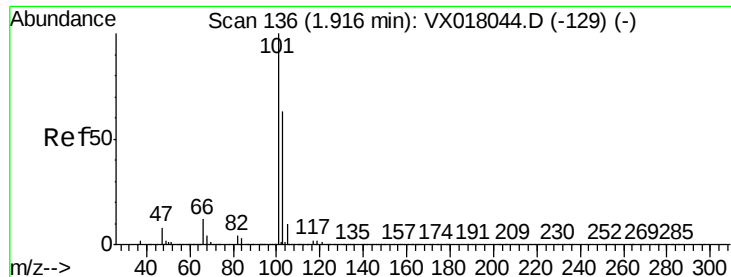
Tgt Ion: 64 Resp: 51732

Ion Ratio Lower Upper

64 100

66 32.5 26.6 39.8



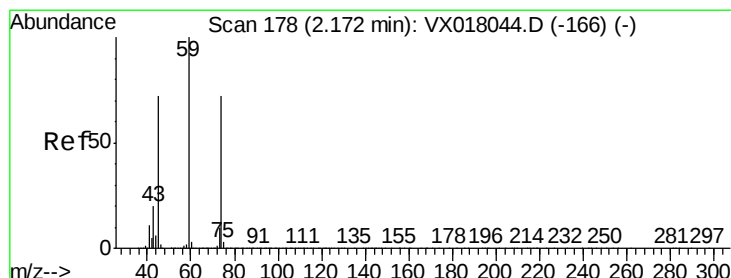
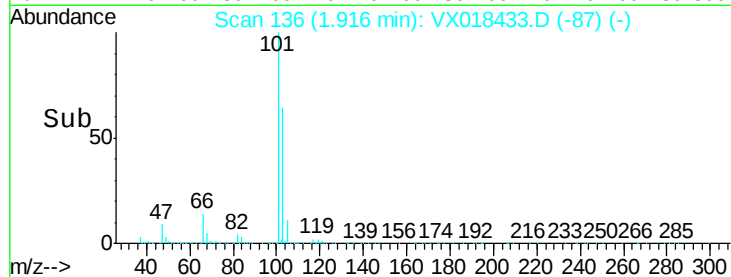
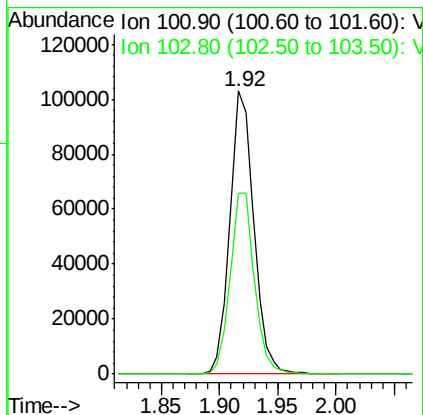
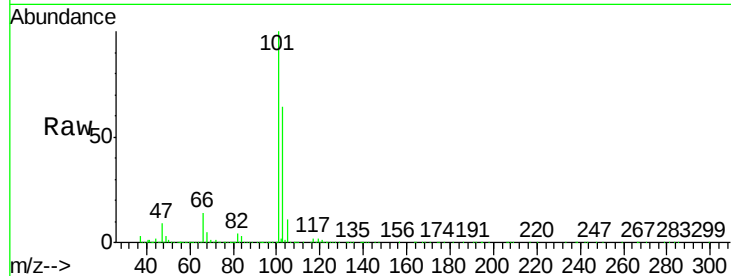


#7

Trichlorofluoromethane
Concen: 20.865 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018433.D
Acq: 16 Sep 2020 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX0916MBS01

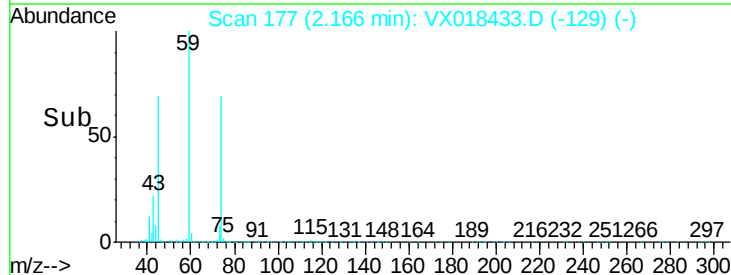
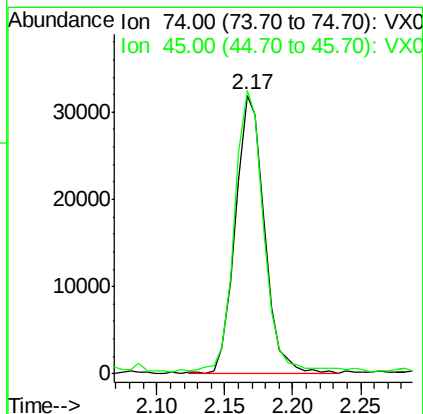
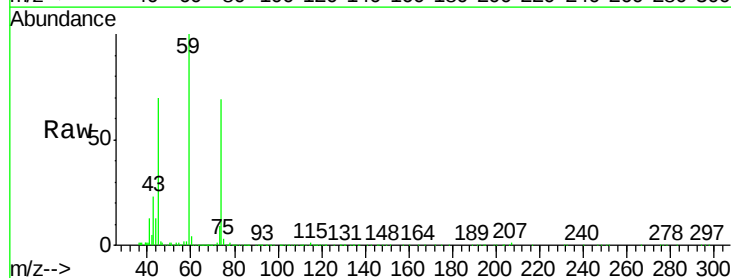
Tgt Ion:101 Resp: 148287
Ion Ratio Lower Upper
101 100
103 63.8 50.7 76.1

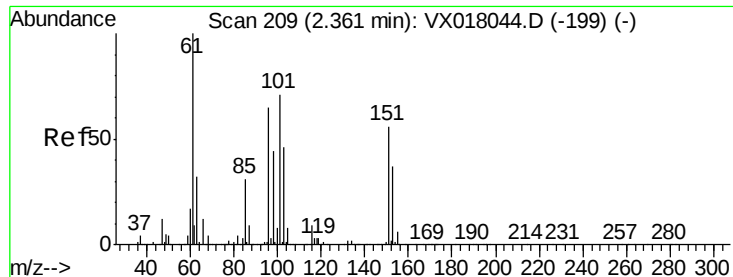


#8

Diethyl Ether
Concen: 19.642 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018433.D
Acq: 16 Sep 2020 12:00

Tgt Ion: 74 Resp: 47342
Ion Ratio Lower Upper
74 100
45 100.8 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.325 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018433.D

Acq: 16 Sep 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0916MBS01

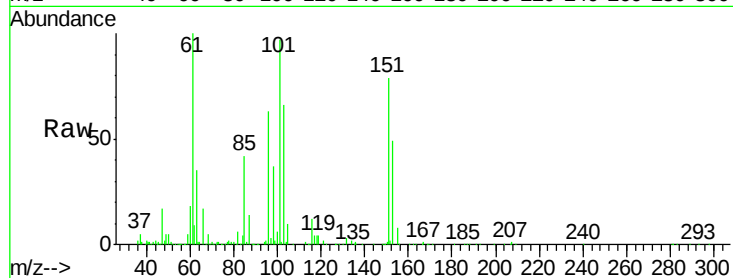
Tgt Ion:101 Resp: 78094

Ion Ratio Lower Upper

101 100

85 43.3 34.0 51.0

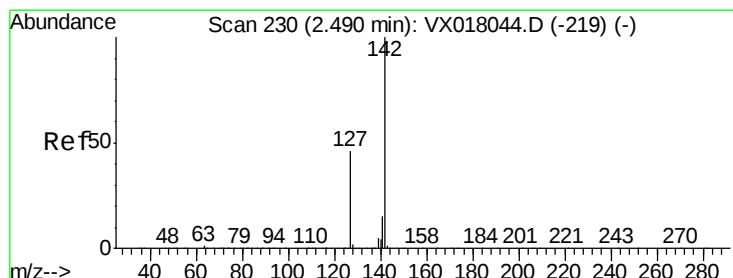
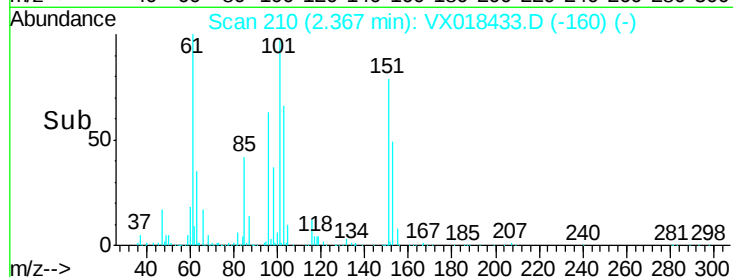
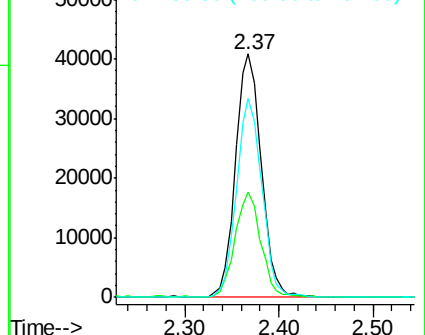
151 80.4 65.2 97.8



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: 22.066 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018433.D

Acq: 16 Sep 2020 12:00

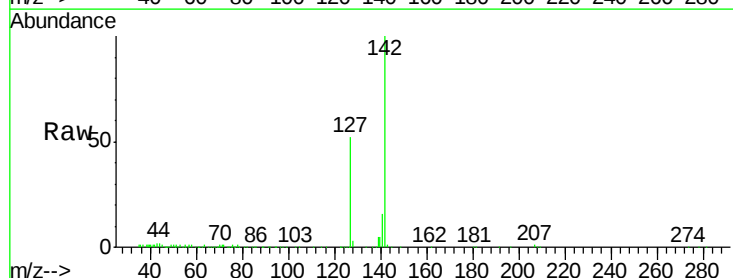
Tgt Ion:142 Resp: 77136

Ion Ratio Lower Upper

142 100

127 51.2 37.0 55.6

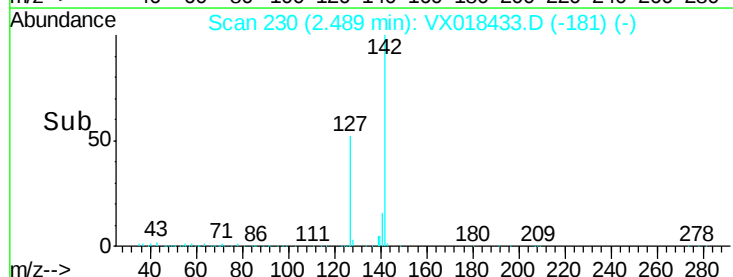
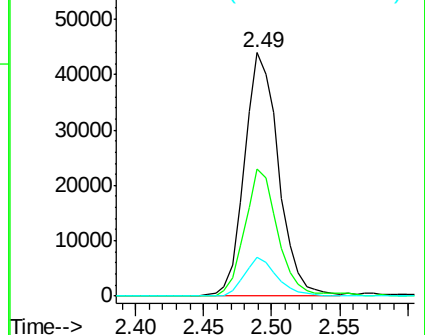
141 15.6 11.5 17.3

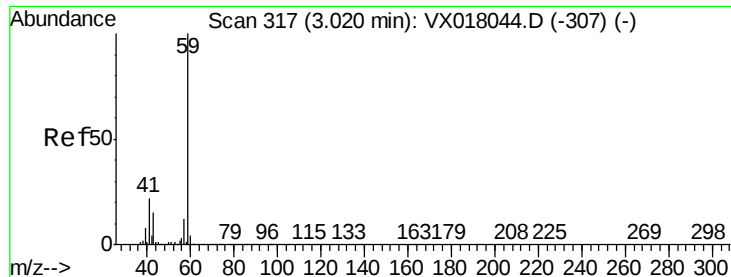


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

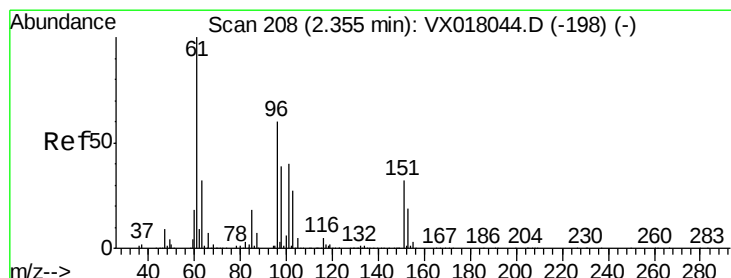
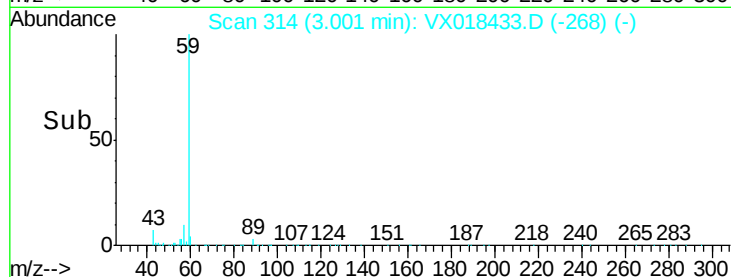
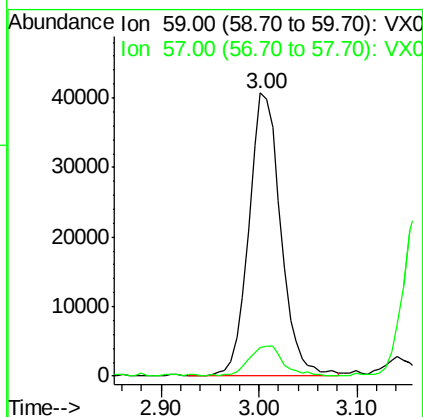
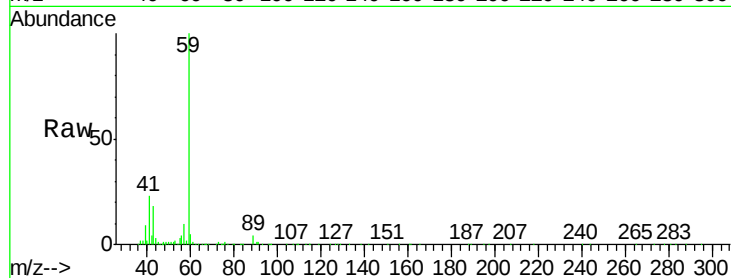




#11
Tert butyl alcohol
Concen: 84.037 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.02 min
Lab File: VX018433.D
Acq: 16 Sep 2020 12:00

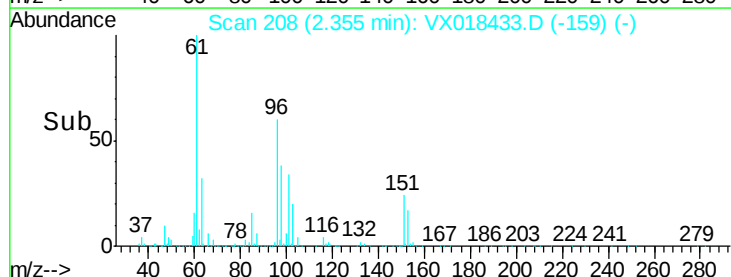
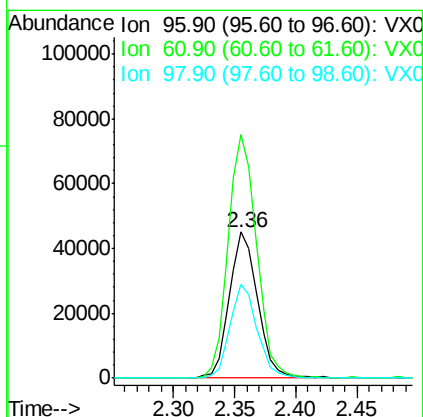
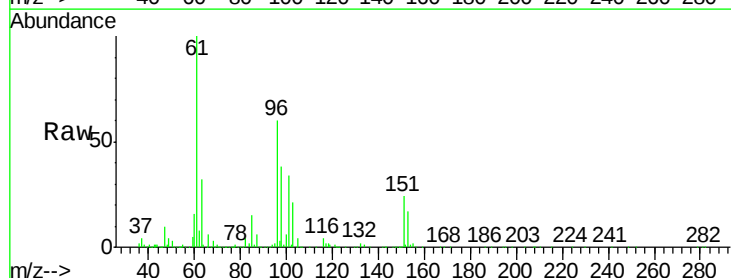
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBS01

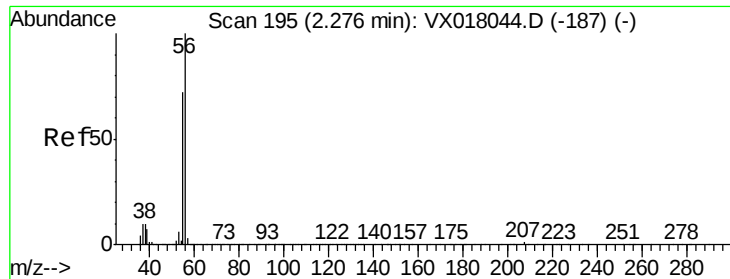
Tgt Ion: 59 Resp: 92529
Ion Ratio Lower Upper
59 100
57 11.3 8.9 13.3



#12
1,1-Dichloroethene
Concen: 18.006 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018433.D
Acq: 16 Sep 2020 12:00

Tgt Ion: 96 Resp: 71778
Ion Ratio Lower Upper
96 100
61 166.0 133.0 199.4
98 63.9 51.6 77.4





#13

Acrolein

Concen: 77.992 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018433.D

Acq: 16 Sep 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

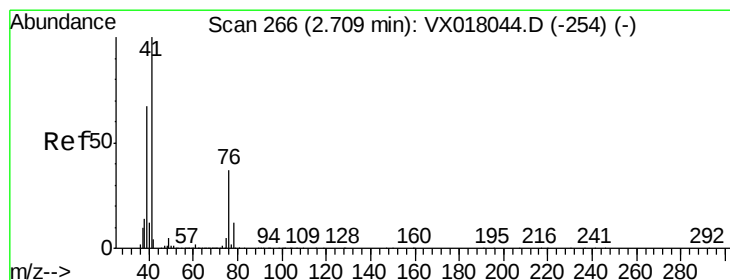
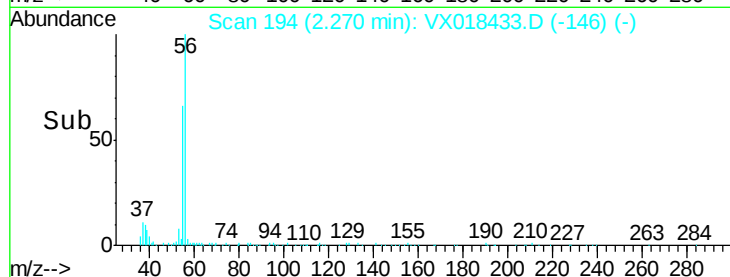
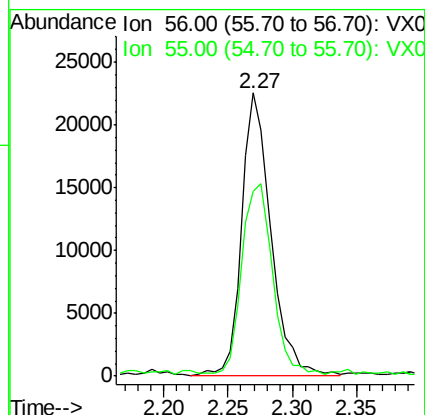
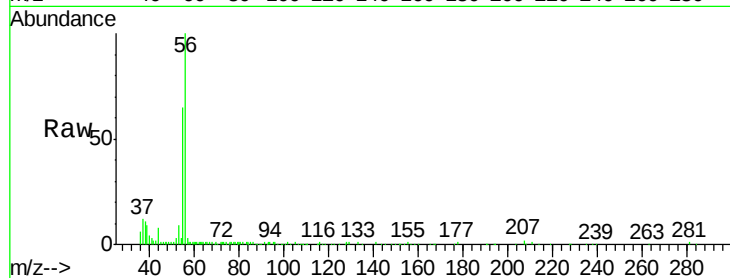
VX0916MBS01

Tgt Ion: 56 Resp: 35607

Ion Ratio Lower Upper

56 100

55 68.8 57.0 85.6



#14

Allyl chloride

Concen: 18.185 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018433.D

Acq: 16 Sep 2020 12:00

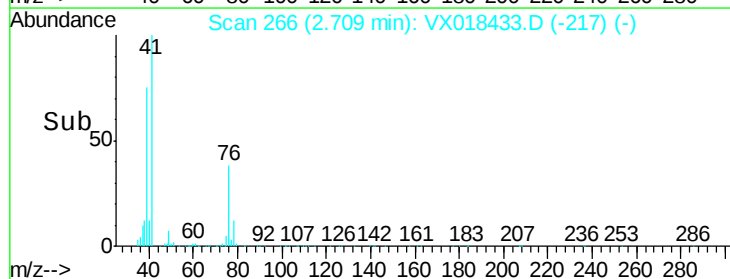
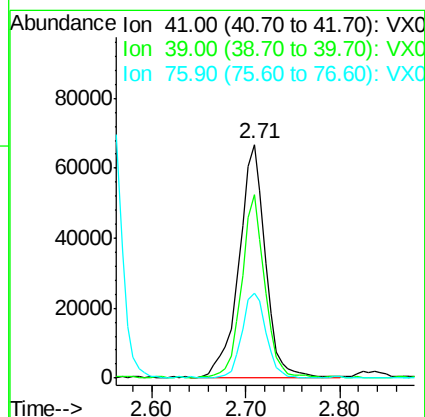
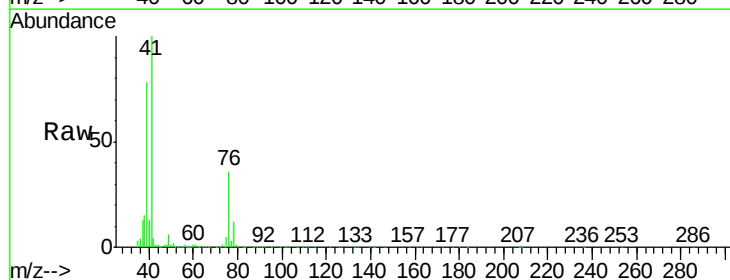
Tgt Ion: 41 Resp: 130239

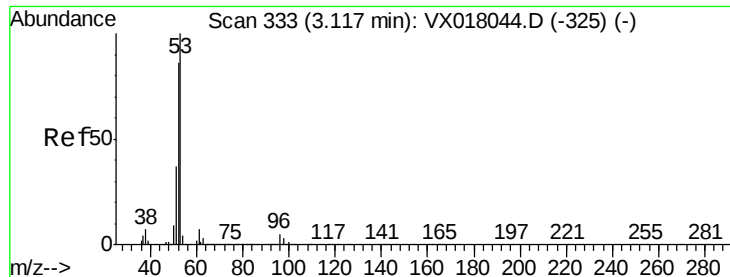
Ion Ratio Lower Upper

41 100

39 68.8 50.6 76.0

76 33.6 26.2 39.2





#15

Acrylonitrile

Concen: 88.793 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018433.D

Acq: 16 Sep 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0916MBS01

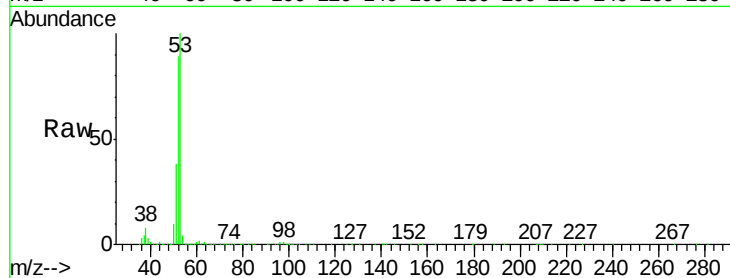
Tgt Ion: 53 Resp: 221770

Ion Ratio Lower Upper

53 100

52 83.1 66.9 100.3

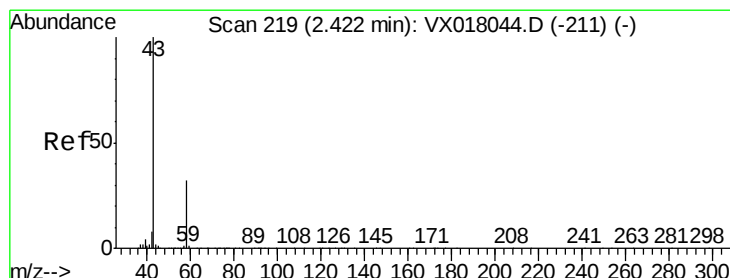
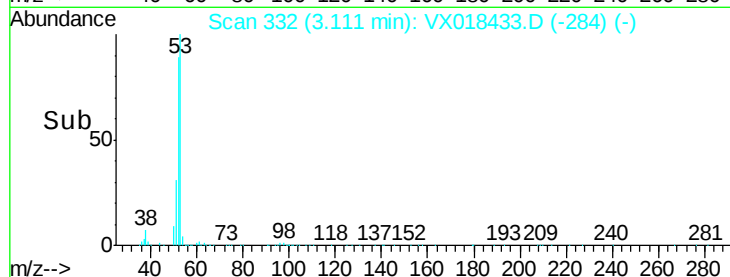
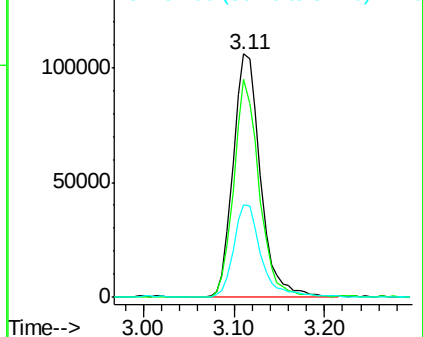
51 38.2 28.7 43.1



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: 90.134 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX018433.D

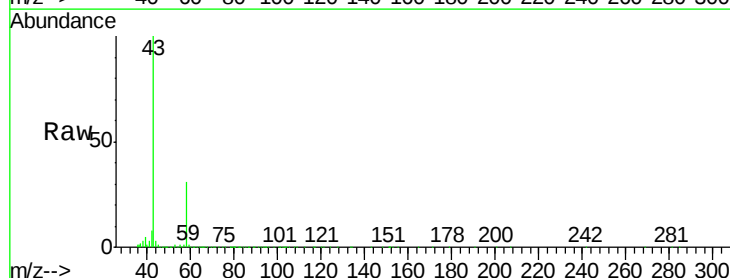
Acq: 16 Sep 2020 12:00

Tgt Ion: 43 Resp: 198887

Ion Ratio Lower Upper

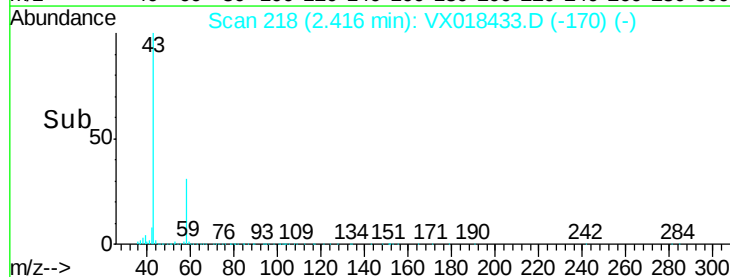
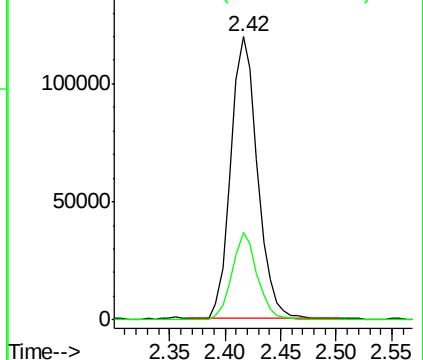
43 100

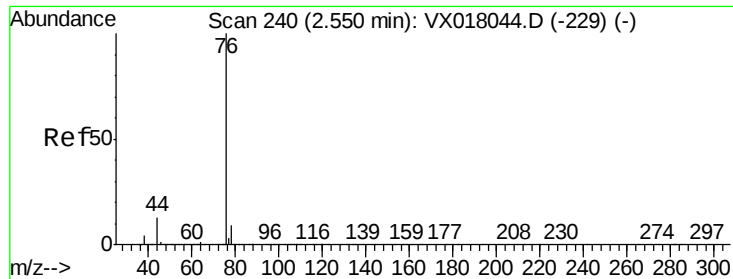
58 31.0 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

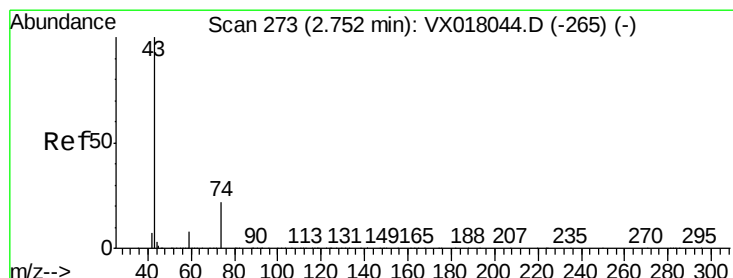
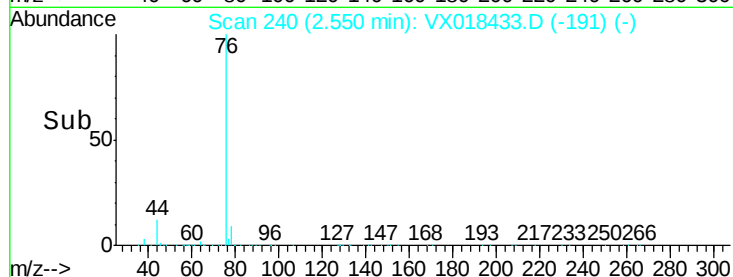
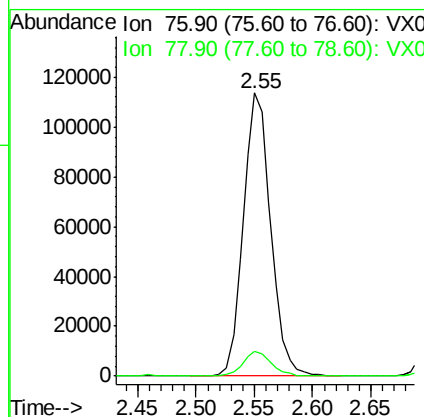
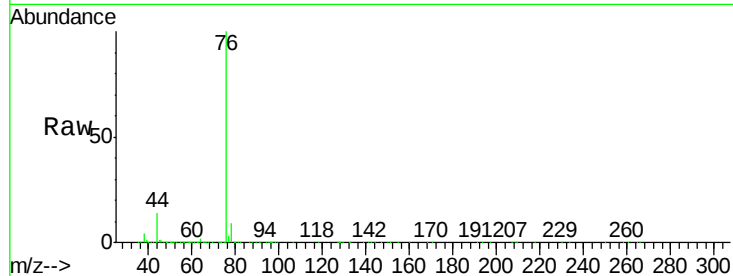




#17
Carbon Disulfide
Concen: 15.492 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018433.D
Acq: 16 Sep 2020 12:00

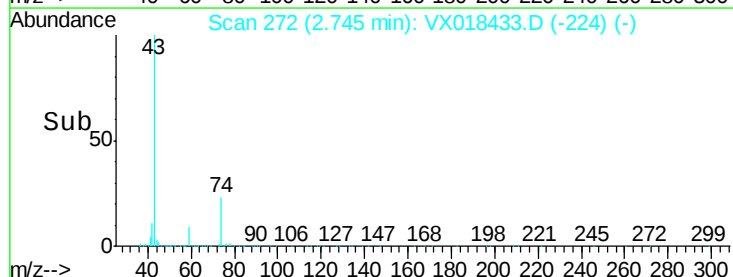
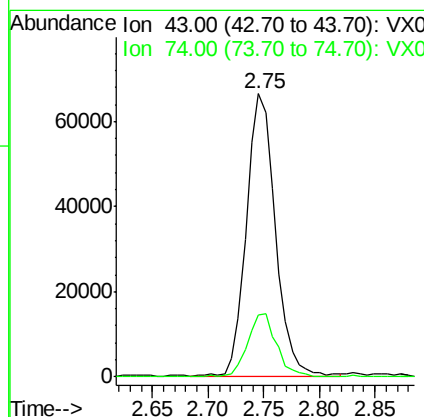
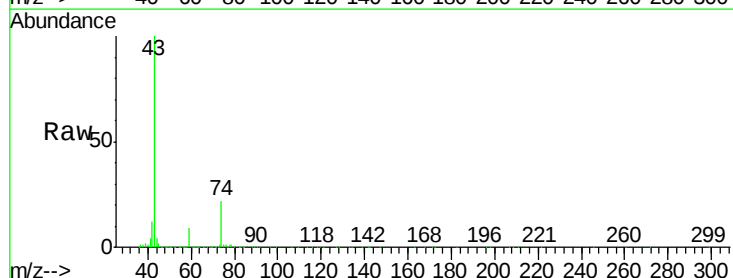
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBS01

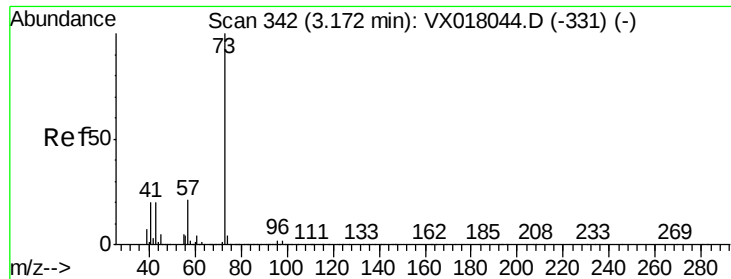
Tgt Ion: 76 Resp: 186682
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 22.680 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018433.D
Acq: 16 Sep 2020 12:00

Tgt Ion: 43 Resp: 120764
Ion Ratio Lower Upper
43 100
74 22.6 18.2 27.4

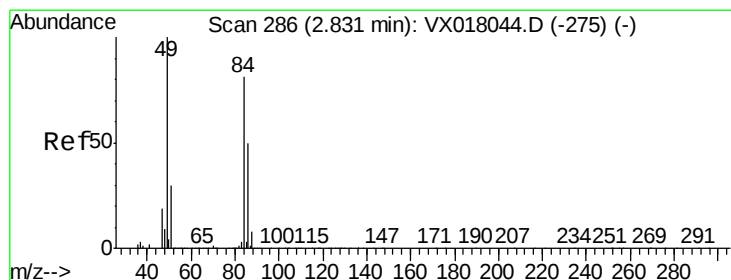
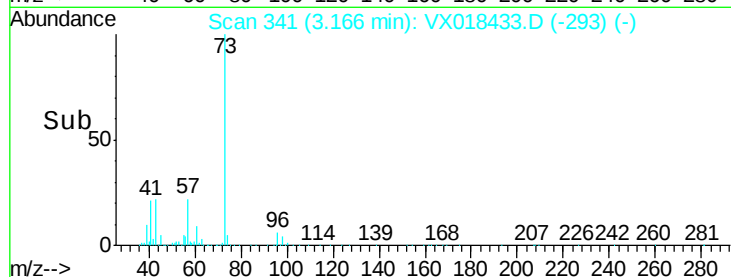
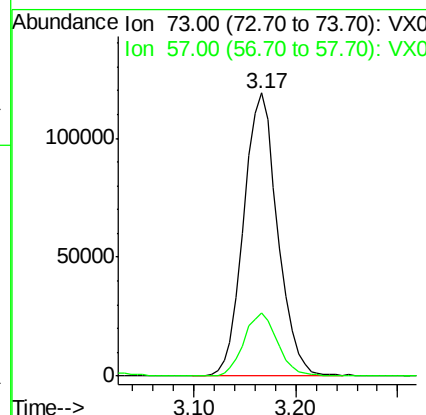
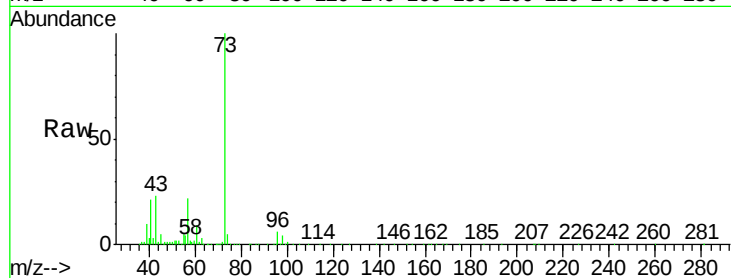




#19
Methyl tert-butyl Ether
Concen: 20.069 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018433.D
Acq: 16 Sep 2020 12:00

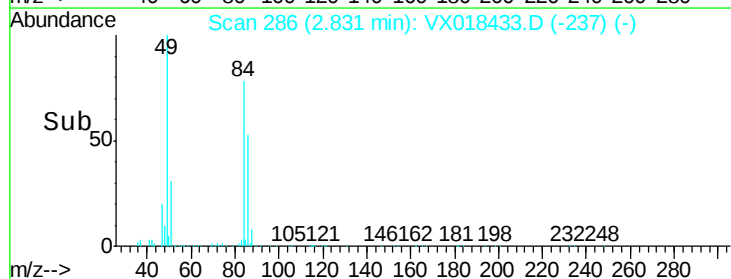
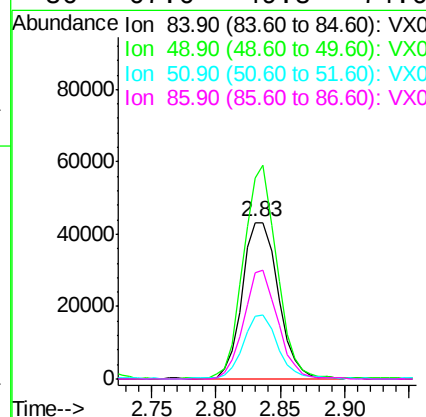
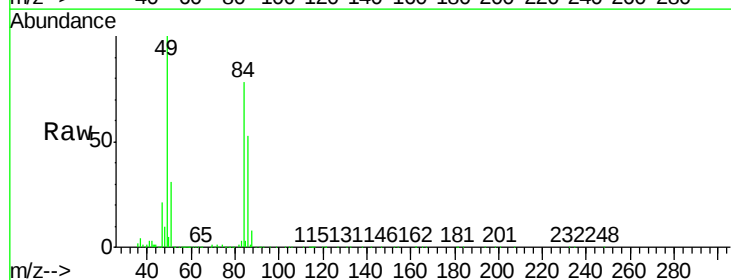
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBS01

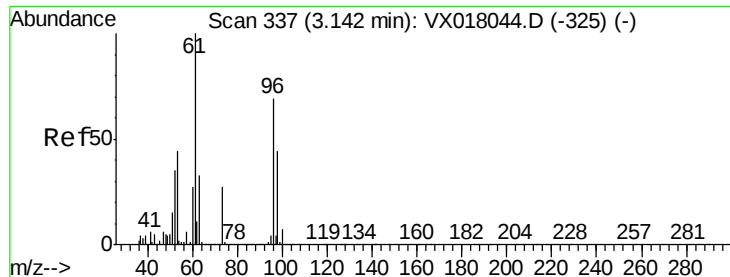
Tgt Ion: 73 Resp: 274359
Ion Ratio Lower Upper
73 100
57 21.9 16.8 25.2



#20
Methylene Chloride
Concen: 17.916 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018433.D
Acq: 16 Sep 2020 12:00

Tgt Ion: 84 Resp: 84214
Ion Ratio Lower Upper
84 100
49 127.8 98.6 148.0
51 39.9 29.6 44.4
86 67.6 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 17.703 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018433.D

Acq: 16 Sep 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0916MBS01

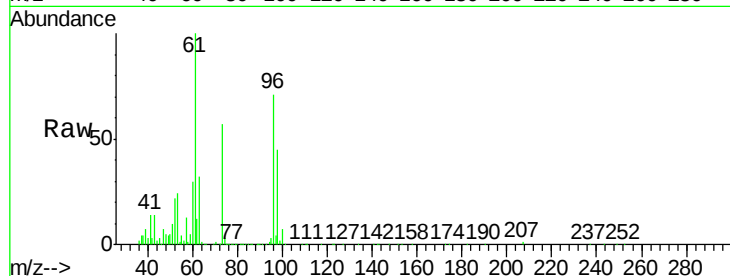
Tgt Ion: 96 Resp: 78186

Ion Ratio Lower Upper

96 100

61 139.9 115.4 173.0

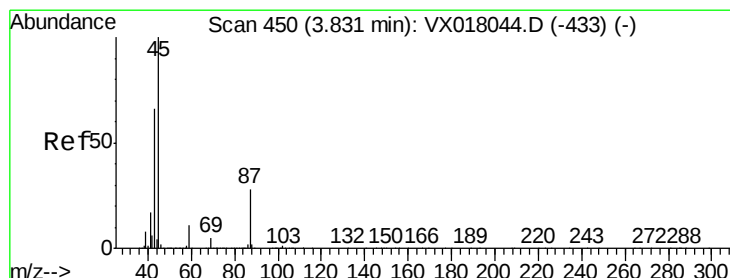
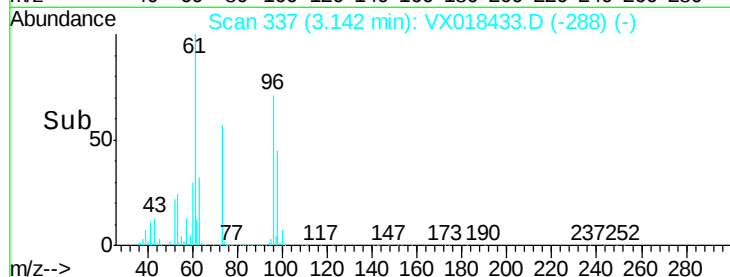
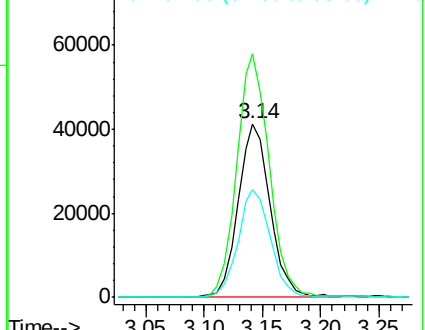
98 62.5 51.1 76.7



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: 19.445 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX018433.D

Acq: 16 Sep 2020 12:00

Tgt Ion: 45 Resp: 274860

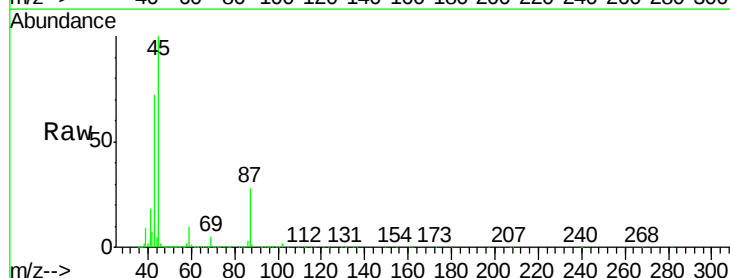
Ion Ratio Lower Upper

45 100

43 71.2 52.8 79.2

87 28.1 22.5 33.7

59 10.1 9.0 13.6

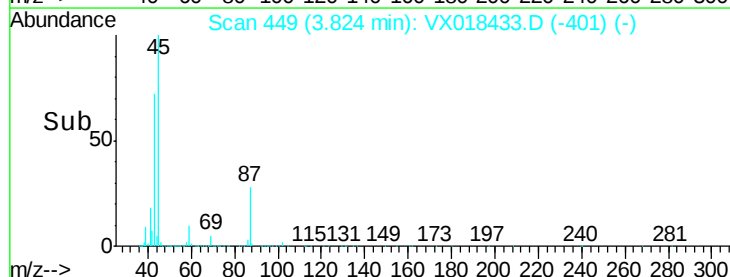
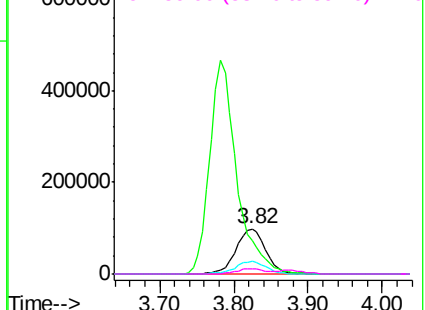


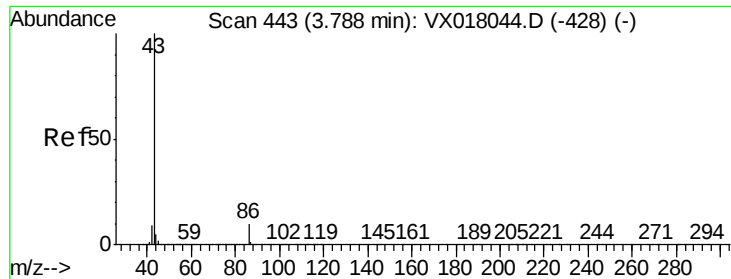
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 93.379 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018433.D

Acq: 16 Sep 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

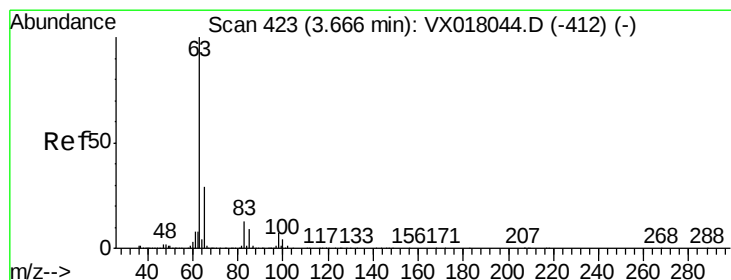
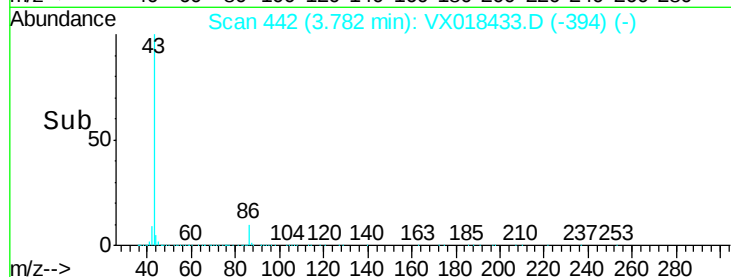
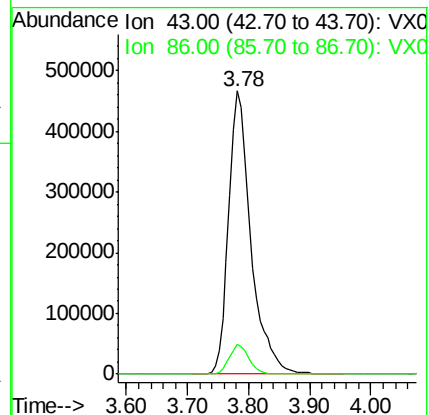
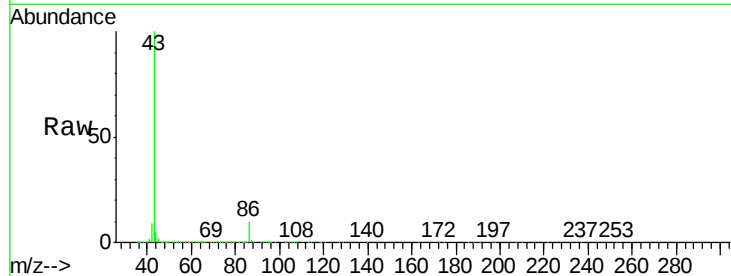
VX0916MBS01

Tgt Ion: 43 Resp: 1174502

Ion Ratio Lower Upper

43 100

86 10.4 7.9 11.9



#24

1,1-Dichloroethane

Concen: 18.813 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018433.D

Acq: 16 Sep 2020 12:00

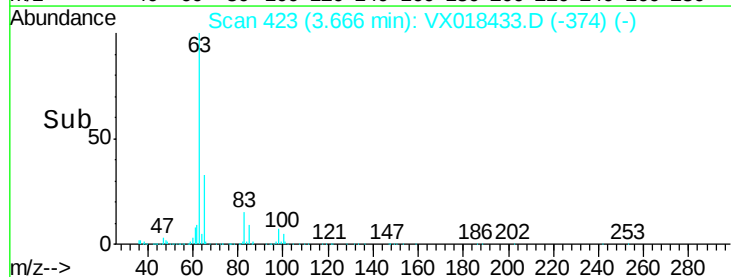
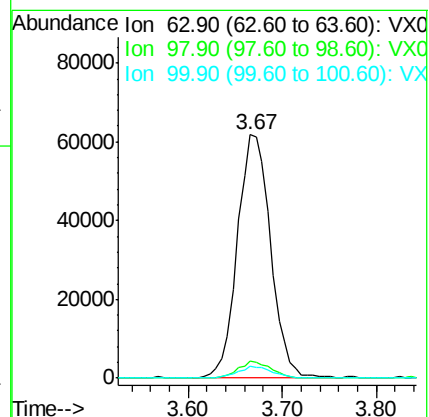
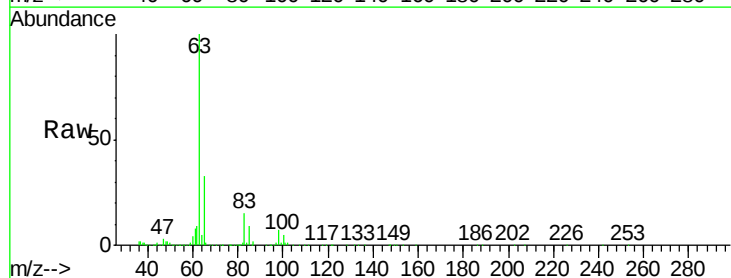
Tgt Ion: 63 Resp: 151379

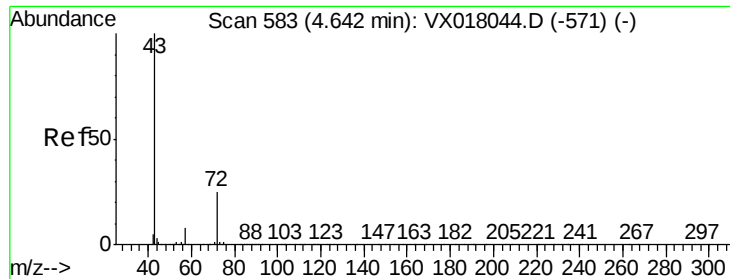
Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.8

100 4.8 2.0 6.0





#25

2-Butanone

Concen: 85.874 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX018433.D

Acq: 16 Sep 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

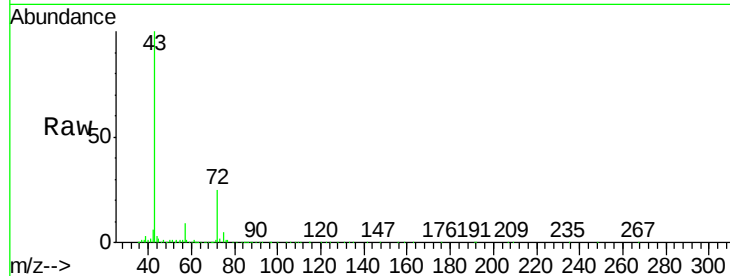
VX0916MBS01

Tgt Ion: 43 Resp: 311415

Ion Ratio Lower Upper

43 100

72 24.5 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

120000

100000

80000

60000

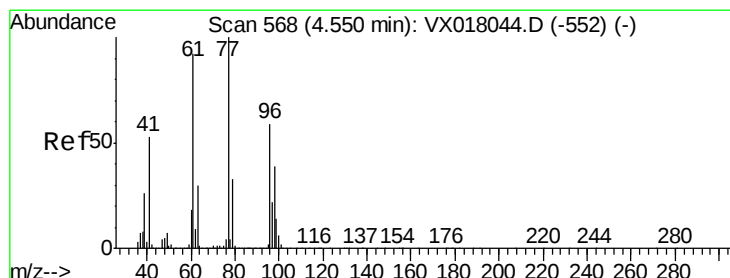
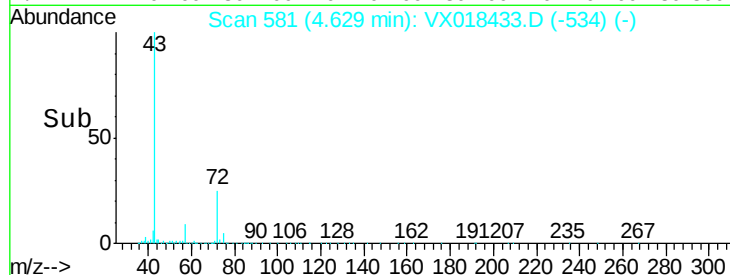
40000

20000

0

4.50 4.60 4.70

Time-->



#26

2,2-Dichloropropane

Concen: 21.612 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018433.D

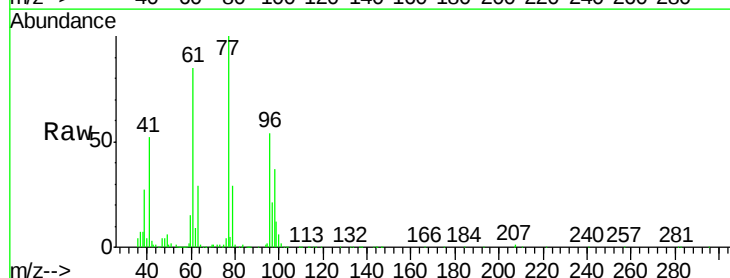
Acq: 16 Sep 2020 12:00

Tgt Ion: 77 Resp: 141491

Ion Ratio Lower Upper

77 100

97 21.8 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

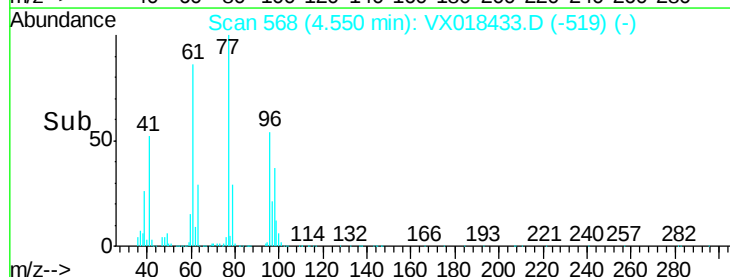
20000

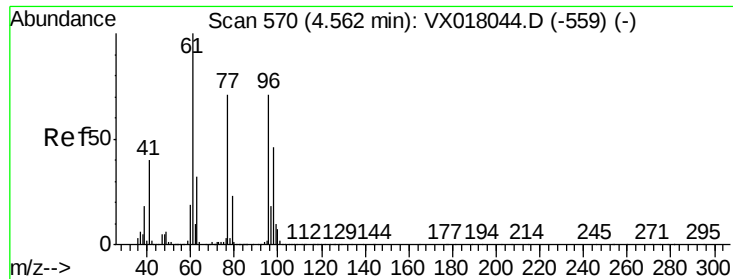
10000

0

4.40 4.50 4.60 4.70

Time-->



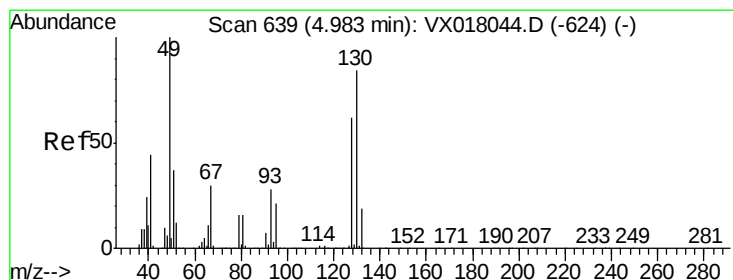
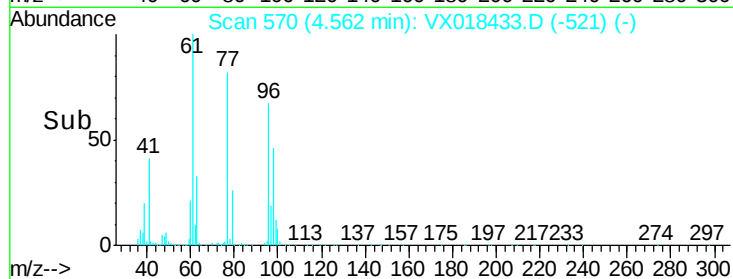
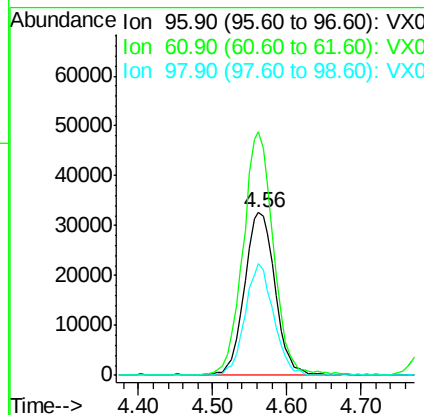
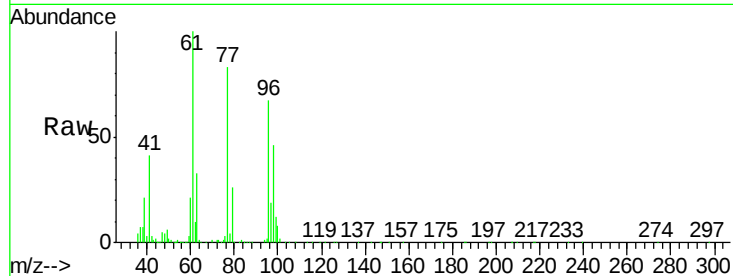


#27

cis-1,2-Dichloroethene
Concen: 18.364 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018433.D
Acq: 16 Sep 2020 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX0916MBS01

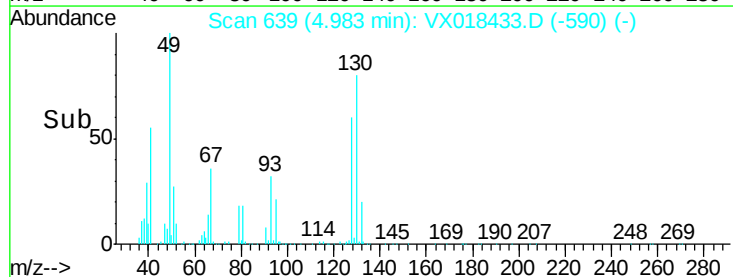
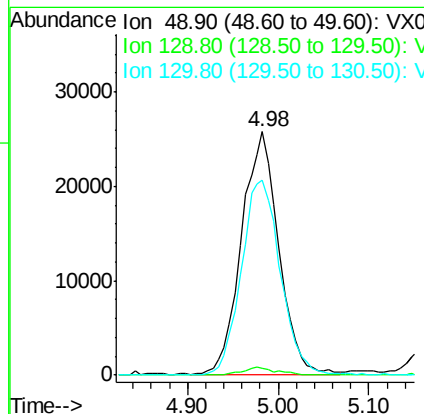
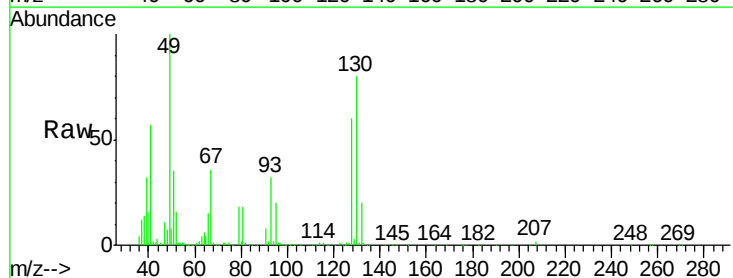
Tgt Ion: 96 Resp: 93447
Ion Ratio Lower Upper
96 100
61 148.6 0.0 296.6
98 64.4 0.0 130.2



#28

Bromochloromethane
Concen: 18.753 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018433.D
Acq: 16 Sep 2020 12:00

Tgt Ion: 49 Resp: 72837
Ion Ratio Lower Upper
49 100
129 3.0 0.0 4.6
130 84.9 64.6 96.8

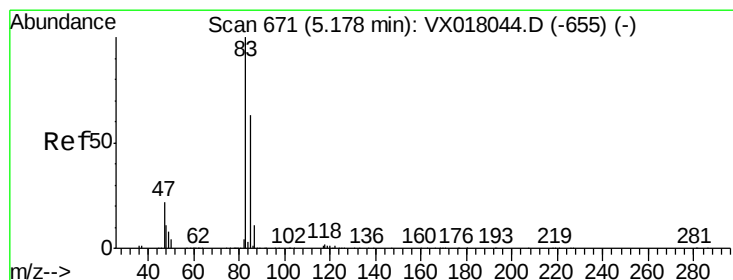
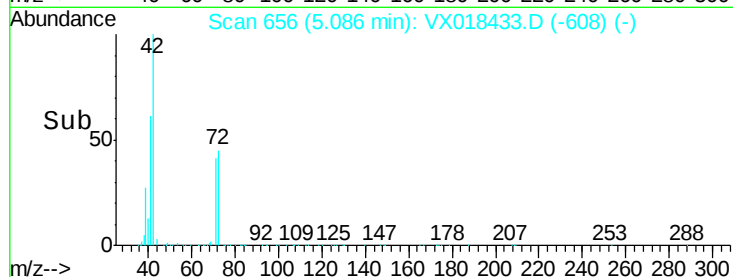
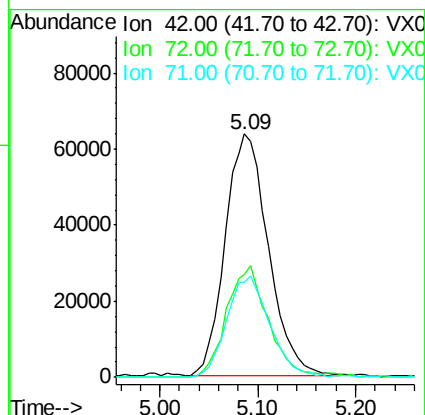
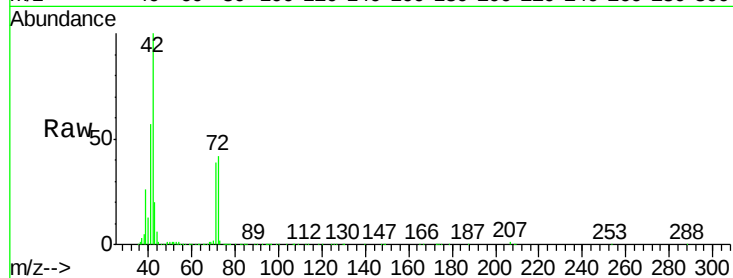




#29
Tetrahydrofuran
Concen: 83.791 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX018433.D
Acq: 16 Sep 2020 12:00

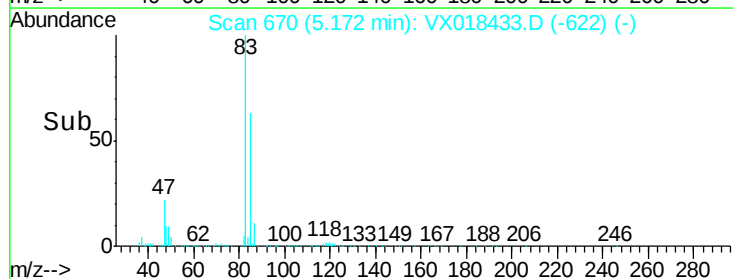
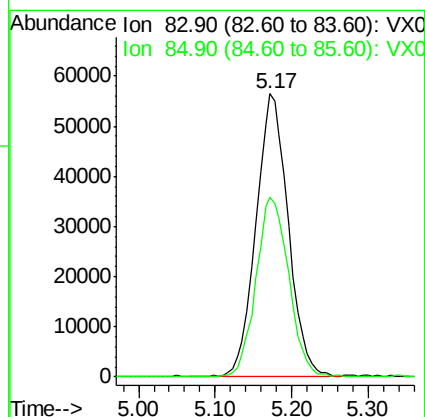
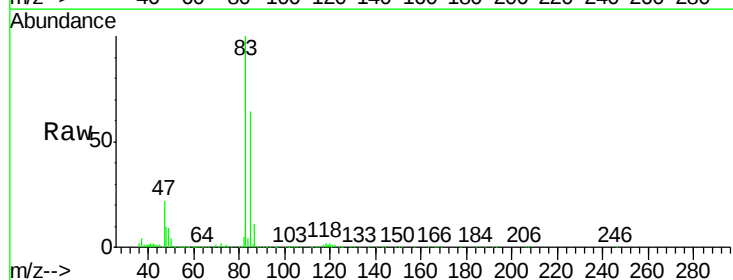
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBS01

Tgt Ion: 42 Resp: 193432
Ion Ratio Lower Upper
42 100
72 44.2 34.2 51.4
71 42.2 32.1 48.1



#30
Chloroform
Concen: 19.980 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018433.D
Acq: 16 Sep 2020 12:00

Tgt Ion: 83 Resp: 166465
Ion Ratio Lower Upper
83 100
85 63.5 50.7 76.1

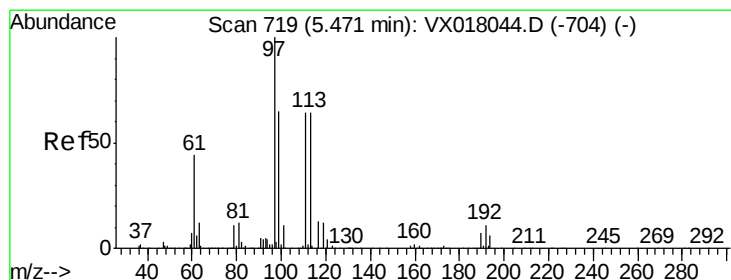
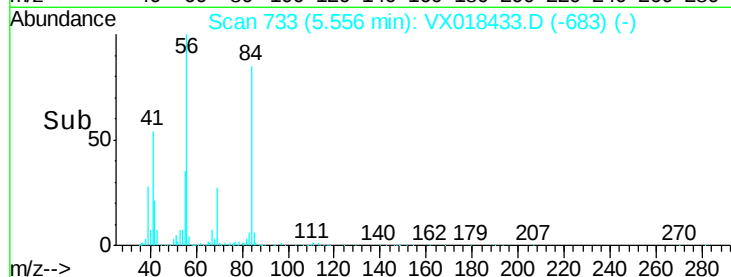
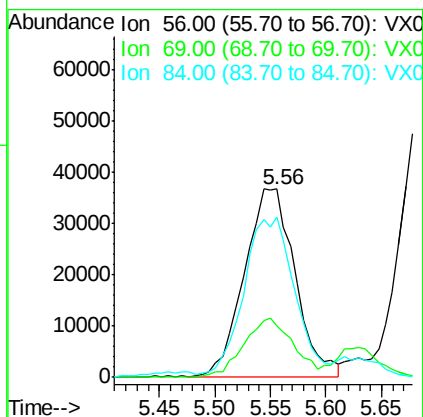
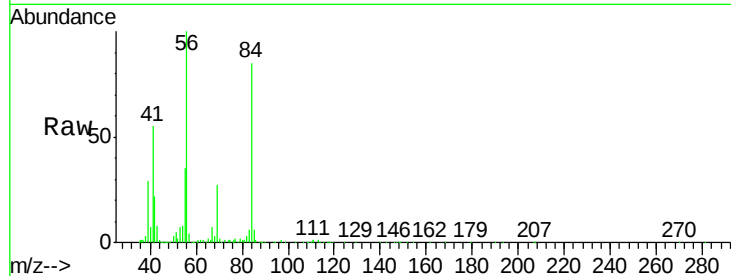




#31
Cyclohexane
Concen: 17.049 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX018433.D
Acq: 16 Sep 2020 12:00

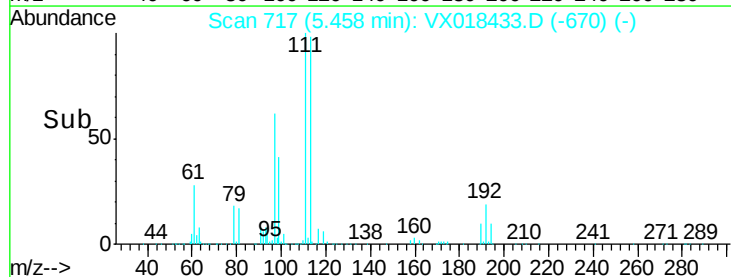
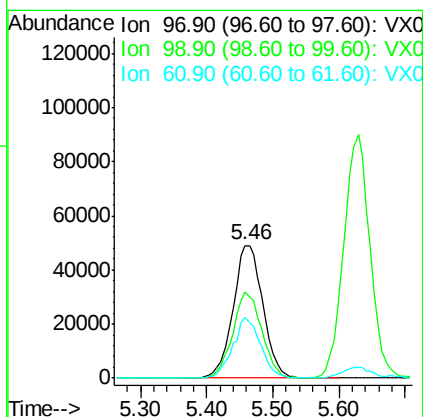
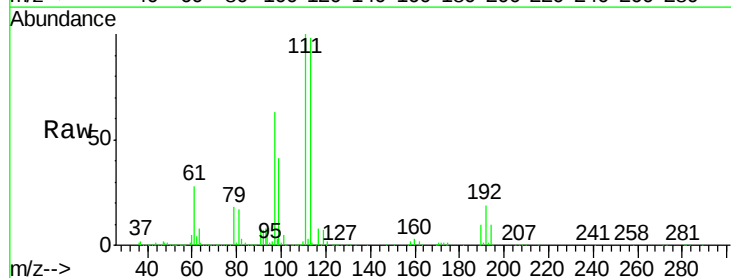
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBS01

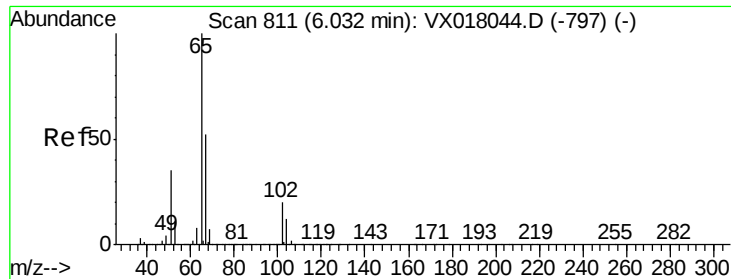
Tgt Ion: 56 Resp: 115558
Ion Ratio Lower Upper
56 100
69 27.3 23.9 35.9
84 82.8 67.0 100.4



#32
1,1,1-Trichloroethane
Concen: 19.915 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX018433.D
Acq: 16 Sep 2020 12:00

Tgt Ion: 97 Resp: 152271
Ion Ratio Lower Upper
97 100
99 63.3 51.4 77.0
61 42.1 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 51.044 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018433.D

Acq: 16 Sep 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

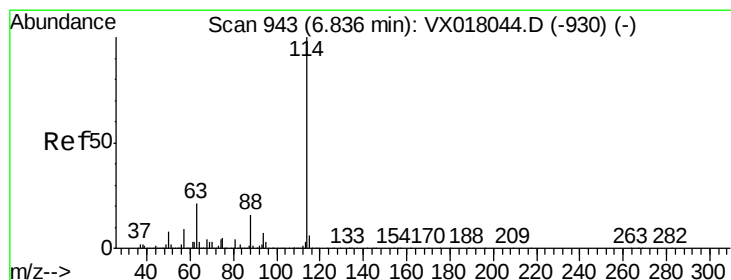
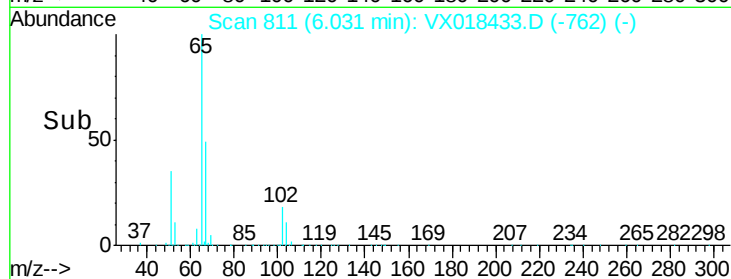
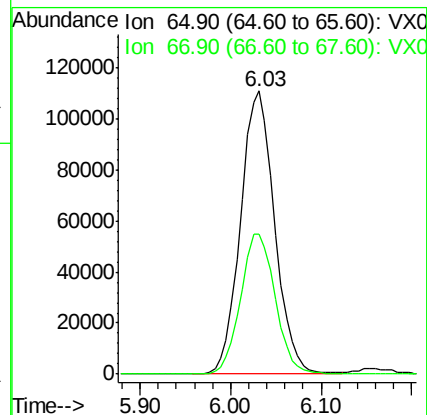
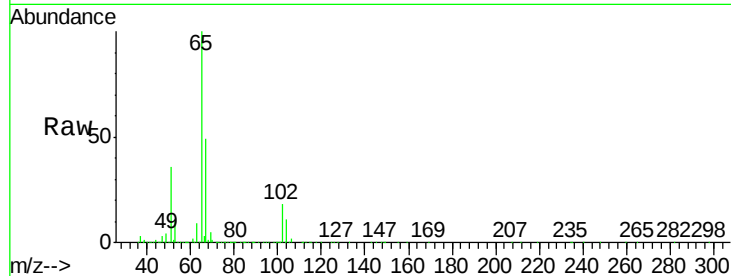
VX0916MBS01

Tgt Ion: 65 Resp: 289052

Ion Ratio Lower Upper

65 100

67 50.4 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: VX018433.D

Acq: 16 Sep 2020 12:00

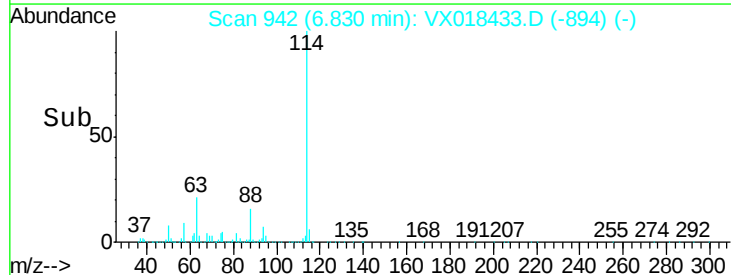
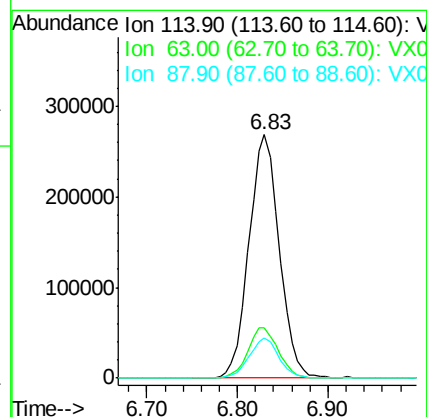
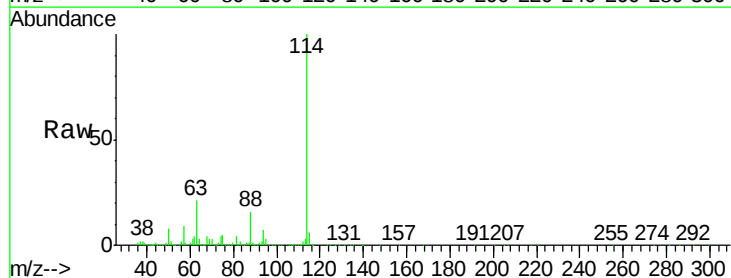
Tgt Ion: 114 Resp: 621325

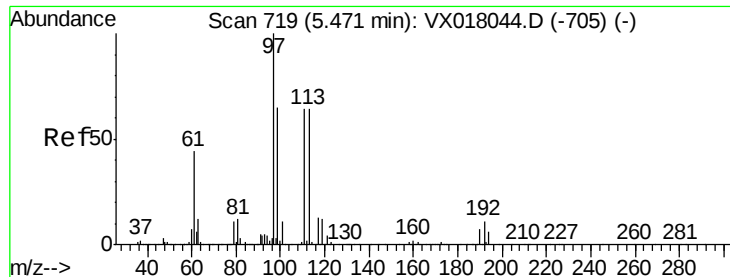
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.6

88 16.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 53.614 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018433.D

Acq: 16 Sep 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0916MBS01

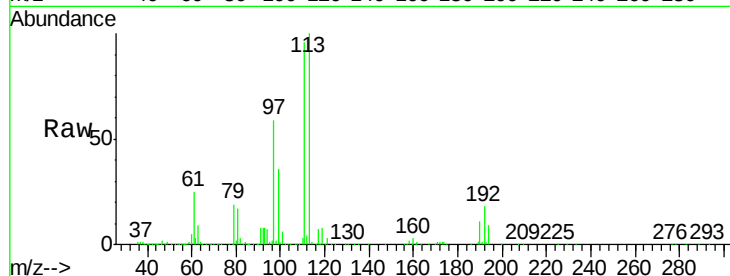
Tgt Ion:113 Resp: 226869

Ion Ratio Lower Upper

113 100

111 101.8 81.6 122.4

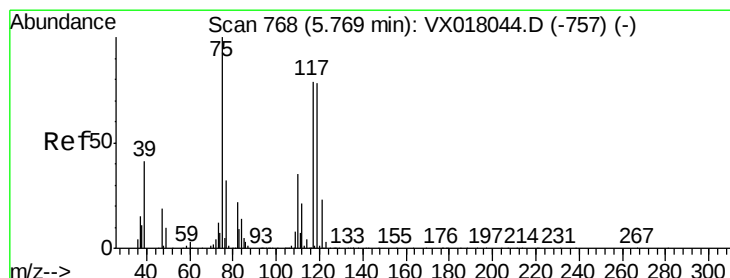
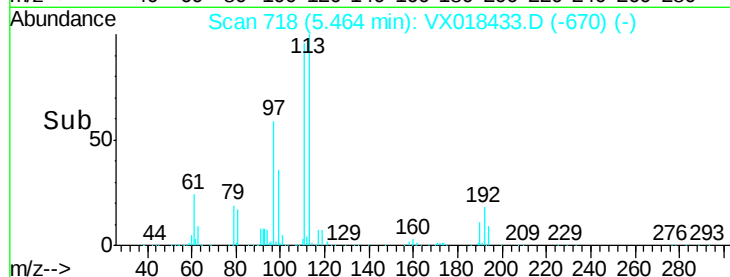
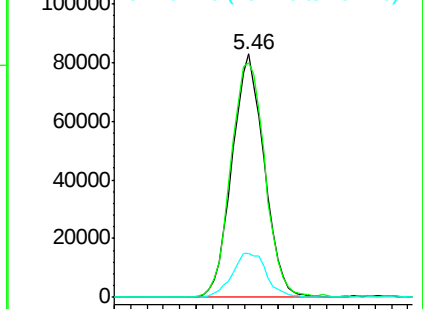
192 19.5 15.8 23.8



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: 19.688 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX018433.D

Acq: 16 Sep 2020 12:00

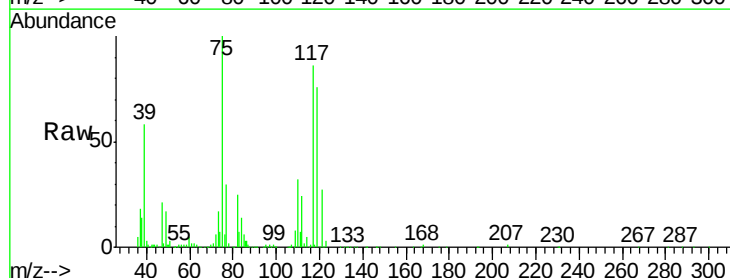
Tgt Ion: 75 Resp: 112828

Ion Ratio Lower Upper

75 100

110 34.9 18.0 54.0

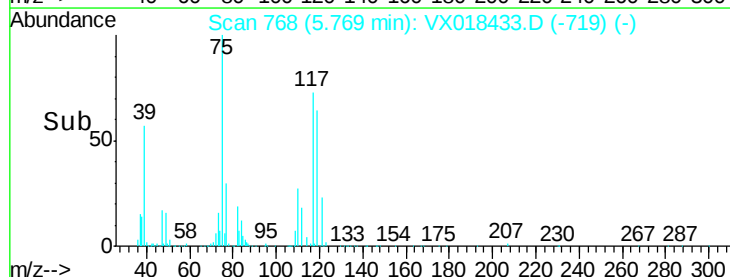
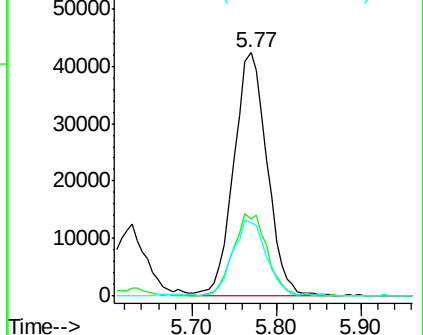
77 30.7 24.4 36.6

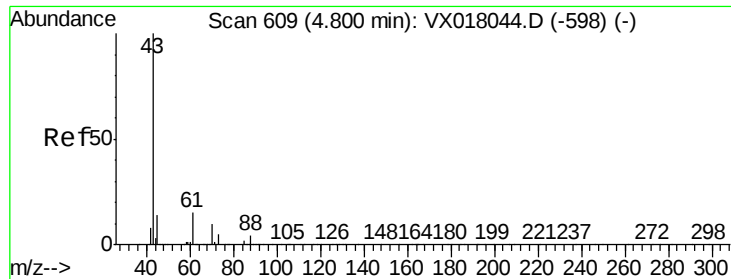


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

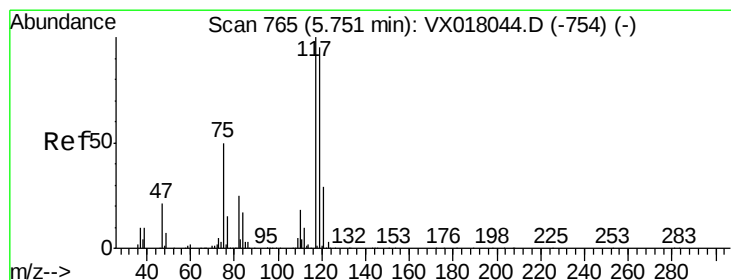
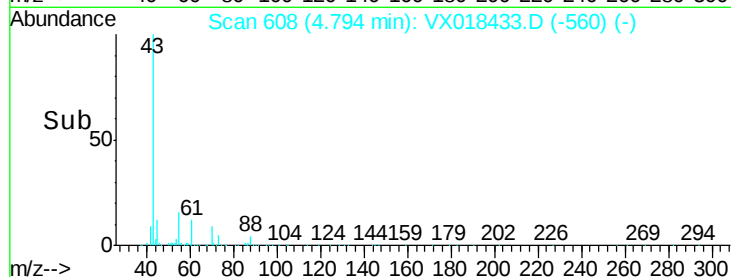
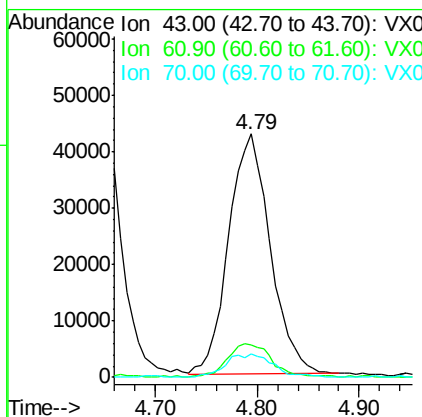
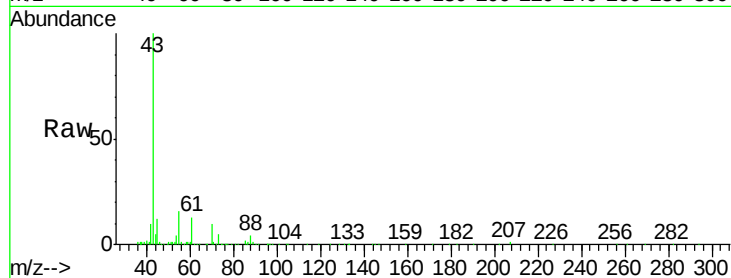




#37
Ethyl Acetate
Concen: 18.207 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018433.D
Acq: 16 Sep 2020 12:00

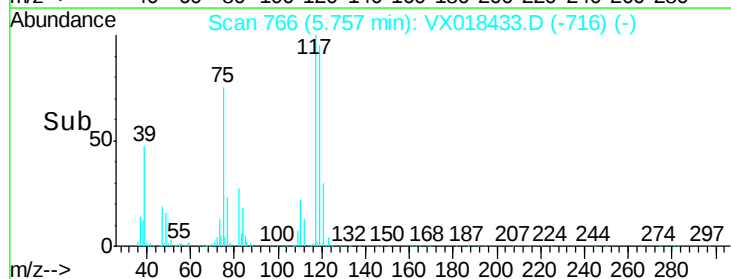
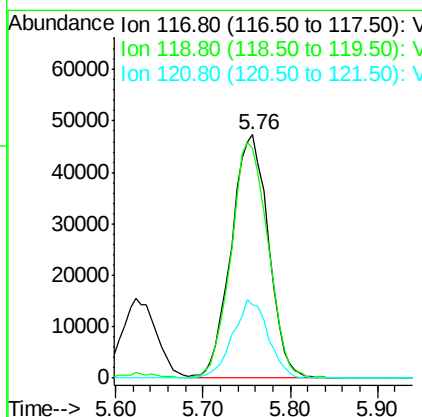
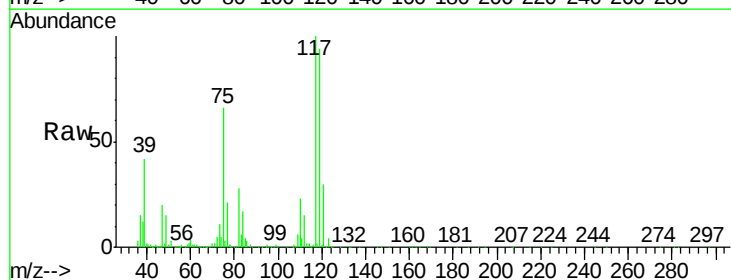
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBS01

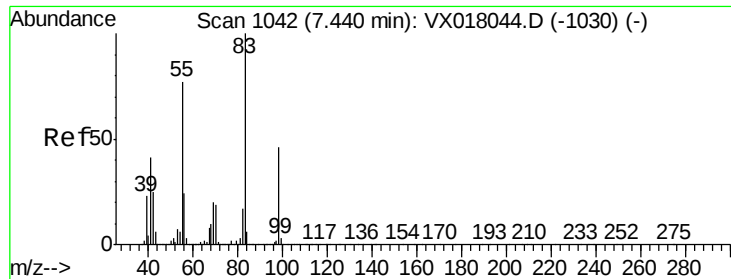
Tgt Ion: 43 Resp: 121183
Ion Ratio Lower Upper
43 100
61 13.7 11.3 16.9
70 5.0 8.2 12.4#



#38
Carbon Tetrachloride
Concen: 21.686 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018433.D
Acq: 16 Sep 2020 12:00

Tgt Ion: 117 Resp: 140053
Ion Ratio Lower Upper
117 100
119 93.8 75.8 113.6
121 30.0 23.4 35.0

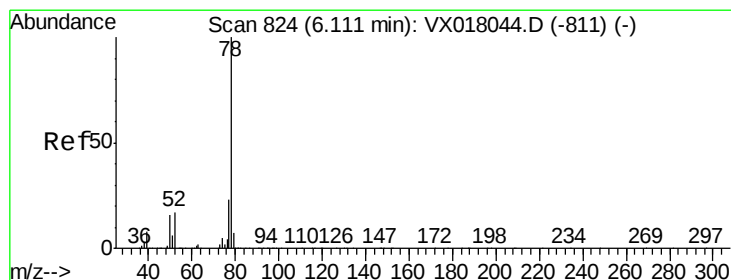
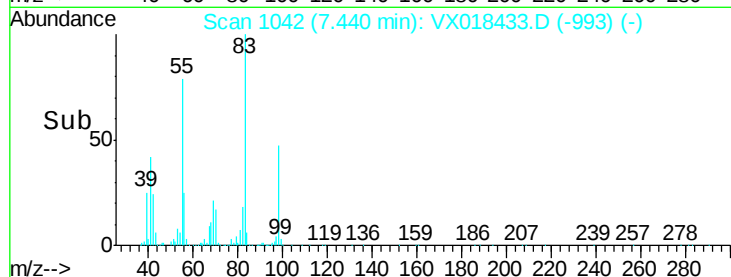
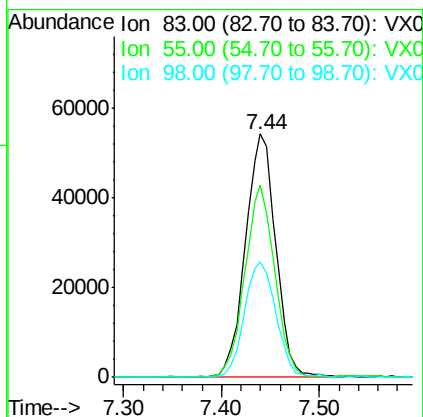
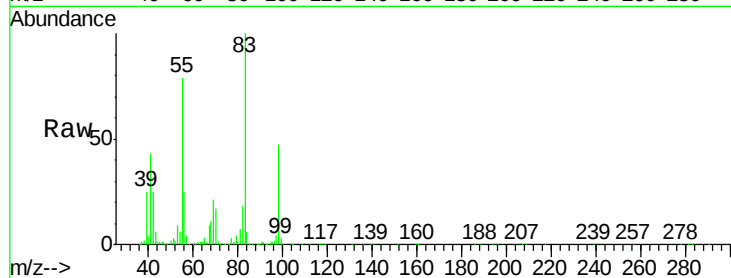




#39
Methylcyclohexane
Concen: 18.706 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018433.D
Acq: 16 Sep 2020 12:00

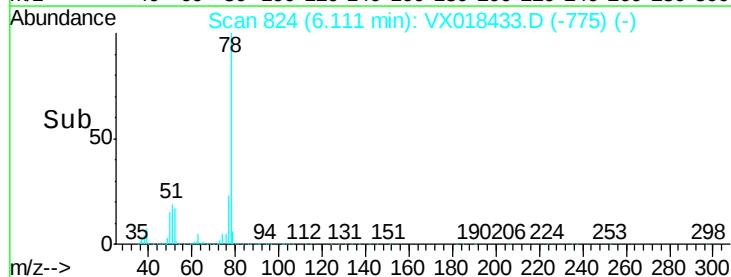
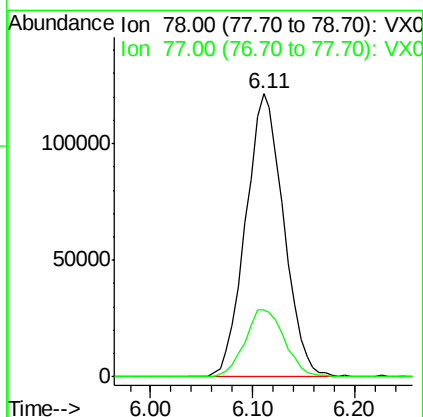
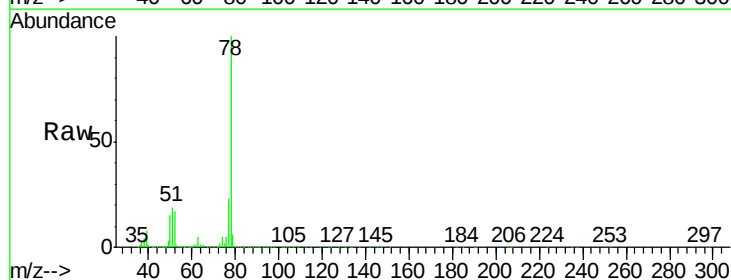
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBS01

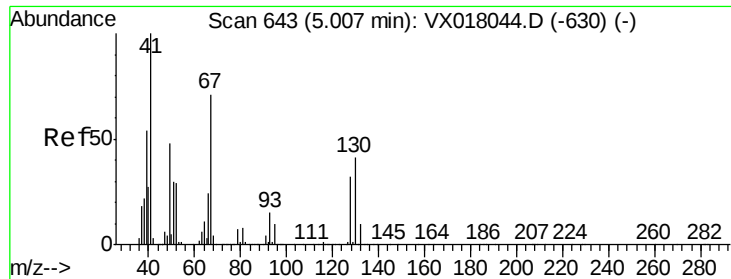
Tgt Ion: 83 Resp: 117217
Ion Ratio Lower Upper
83 100
55 79.0 61.8 92.6
98 47.4 36.6 55.0



#40
Benzene
Concen: 18.638 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018433.D
Acq: 16 Sep 2020 12:00

Tgt Ion: 78 Resp: 313854
Ion Ratio Lower Upper
78 100
77 23.4 18.2 27.2

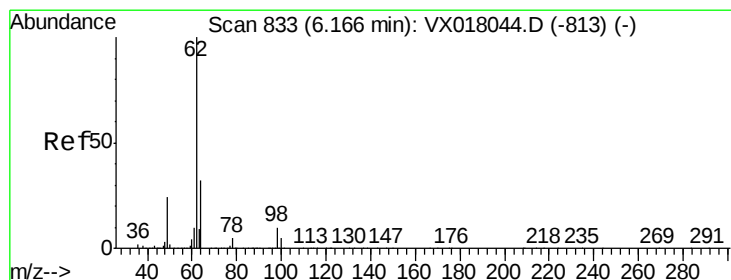
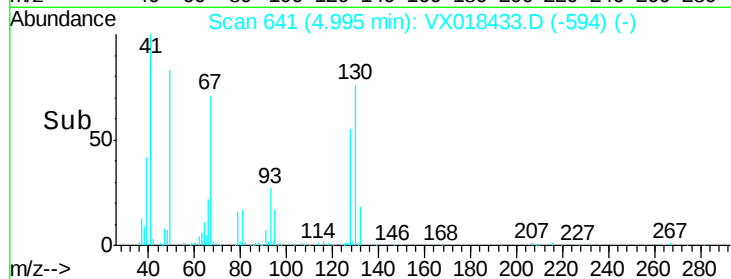
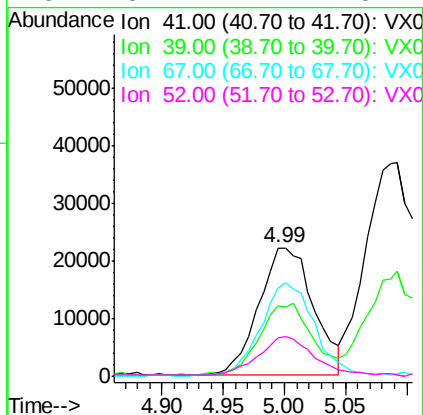
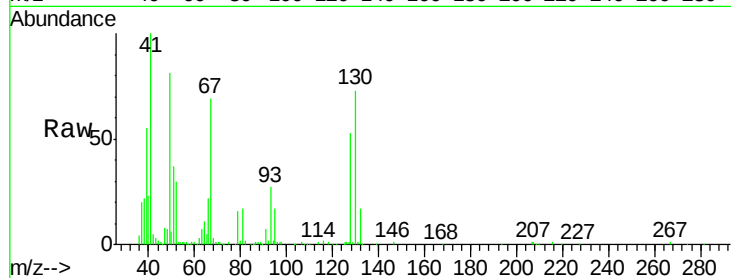




#41
Methacrylonitrile
Concen: 18.757 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX018433.D
Acq: 16 Sep 2020 12:00

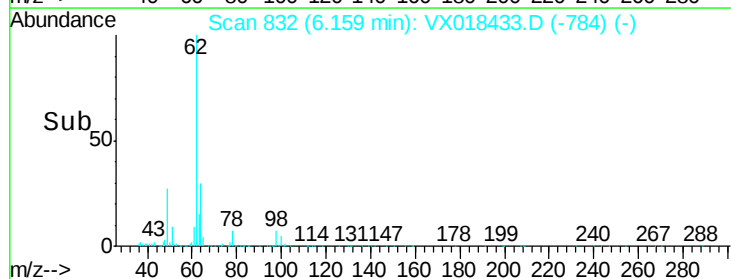
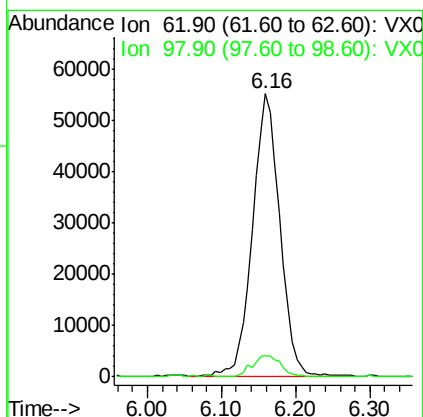
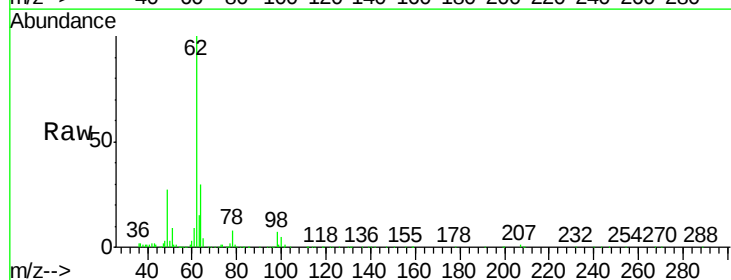
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBS01

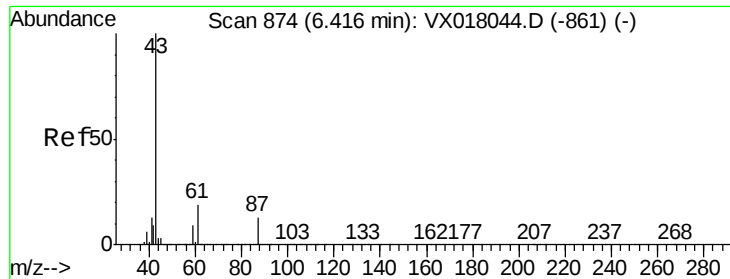
Tgt Ion:	41	Resp:	68551
Ion	Ratio	Lower	Upper
41	100		
39	54.9	43.1	64.7
67	71.8	56.0	84.0
52	31.4	22.7	34.1



#42
1,2-Dichloroethane
Concen: 21.965 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018433.D
Acq: 16 Sep 2020 12:00

Tgt Ion:	62	Resp:	141715
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	18.2



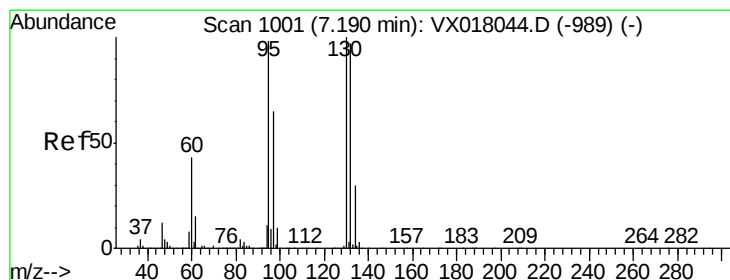
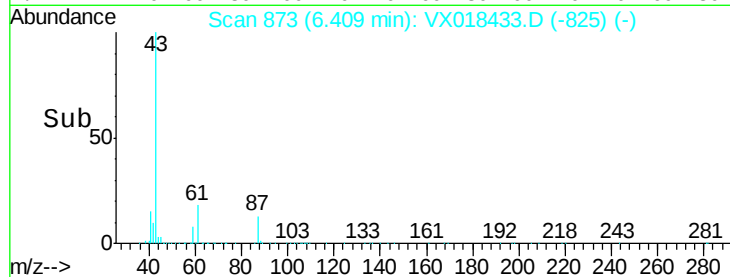
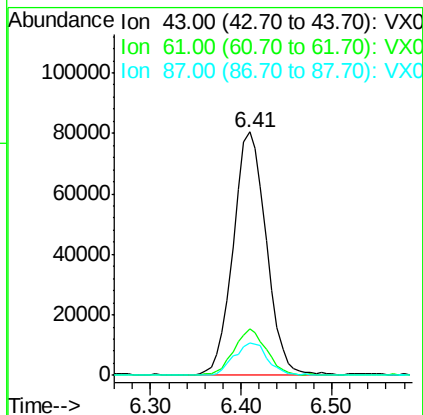
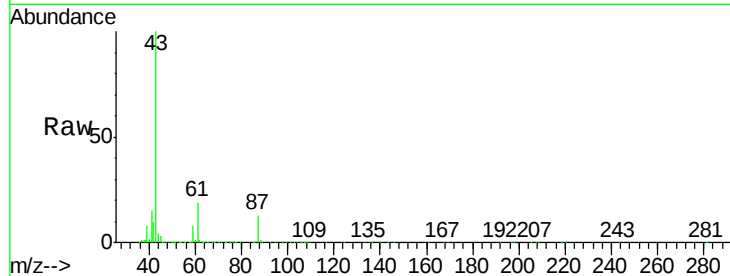


#43

Isopropyl Acetate
 Concen: 18.823 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018433.D
 Acq: 16 Sep 2020 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916MBS01

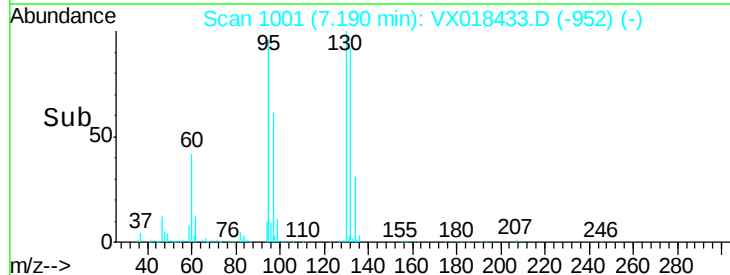
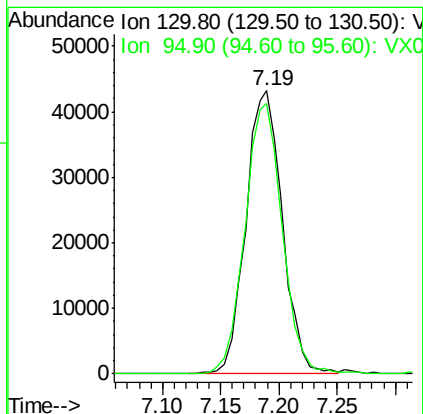
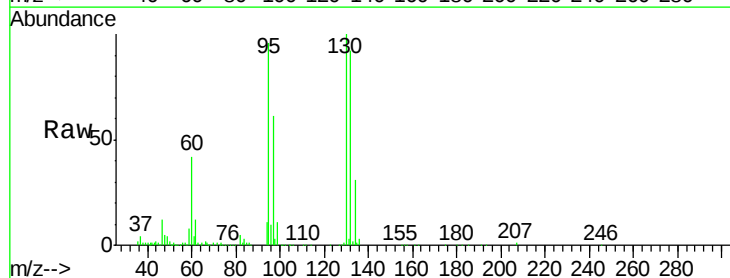
Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.7	23.5
87	13.7	10.3	15.5



#44

Trichloroethene
 Concen: 19.827 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018433.D
 Acq: 16 Sep 2020 12:00

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.6	0.0	196.4





#45

1,2-Dichloropropane

Concen: 19.416 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018433.D

Acq: 16 Sep 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

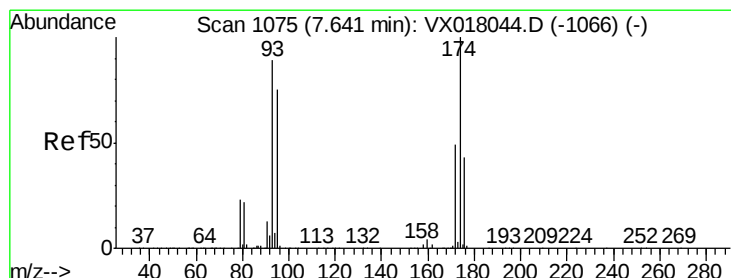
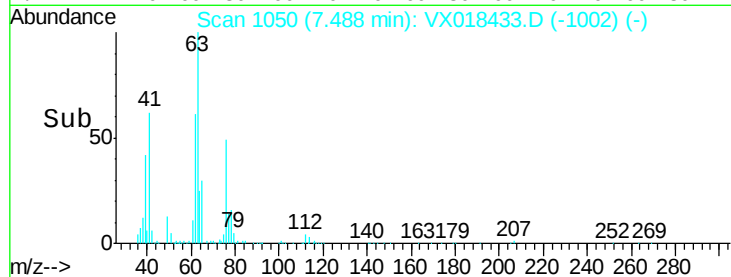
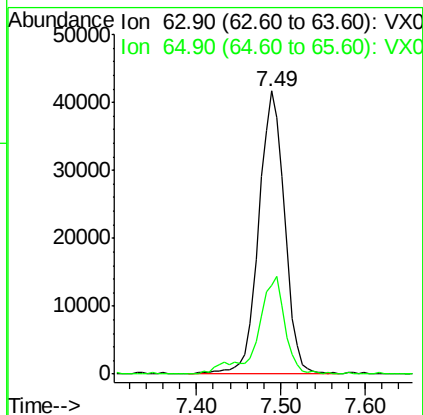
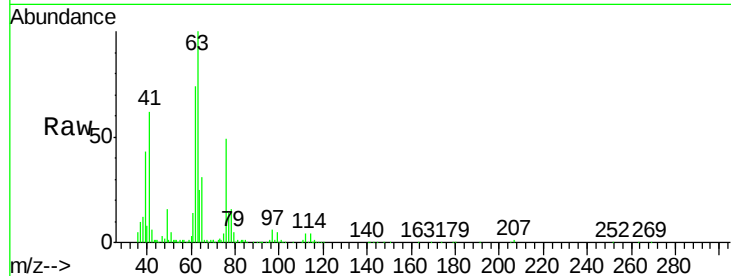
VX0916MBS01

Tgt Ion: 63 Resp: 88121

Ion Ratio Lower Upper

63 100

65 31.4 25.7 38.5



#46

Dibromomethane

Concen: 20.075 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018433.D

Acq: 16 Sep 2020 12:00

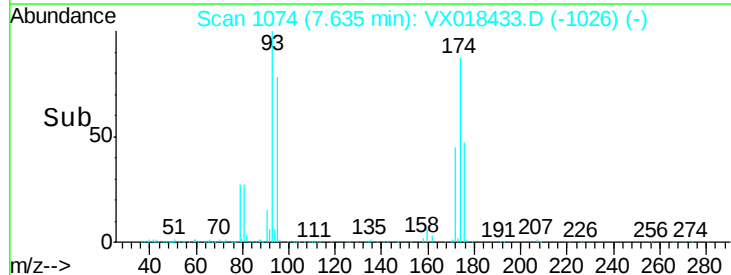
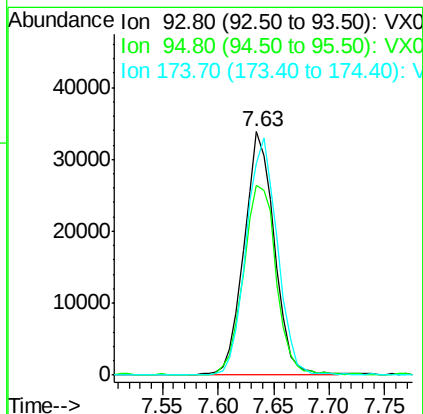
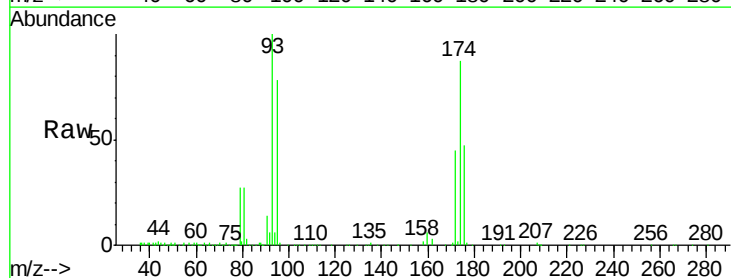
Tgt Ion: 93 Resp: 64069

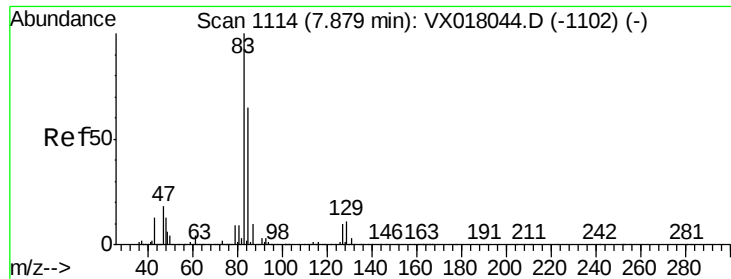
Ion Ratio Lower Upper

93 100

95 84.6 67.3 100.9

174 100.2 82.2 123.2

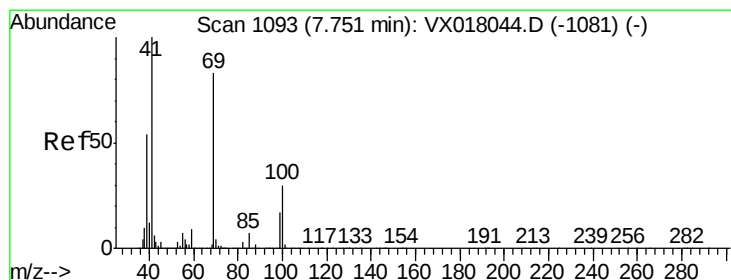
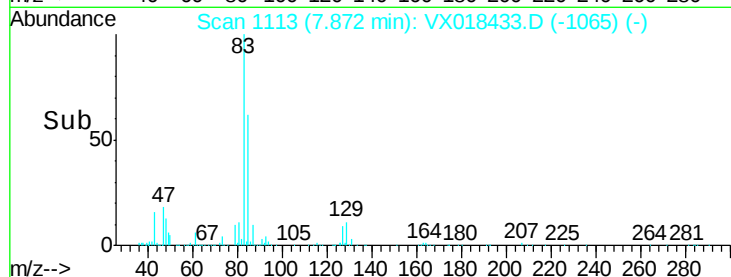
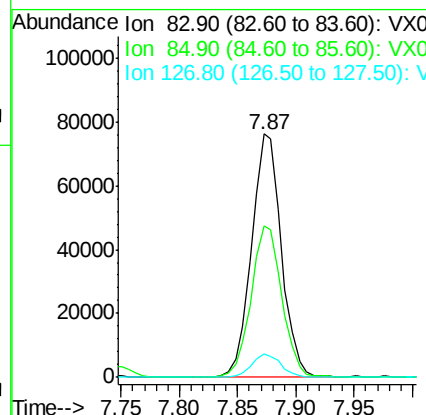
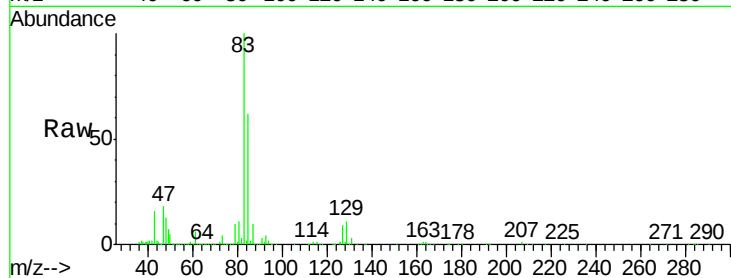




#47
 Bromodichloromethane
 Concen: 21.345 ug/l
 RT: 7.87 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: VX018433.D
 Acq: 16 Sep 2020 12:00

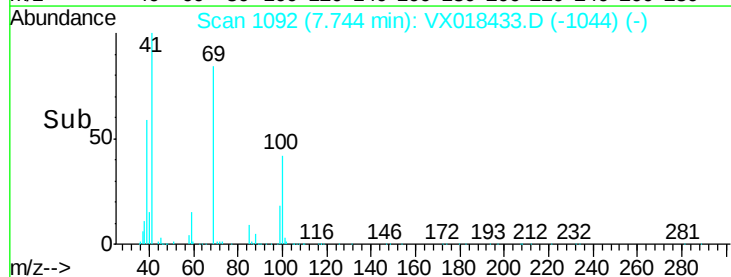
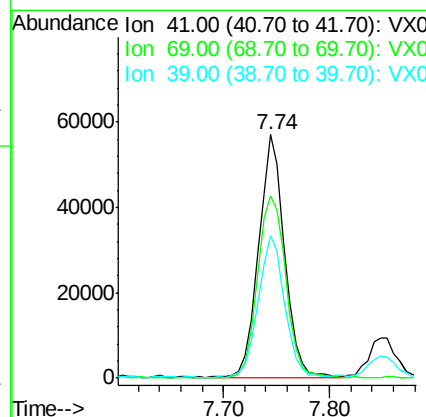
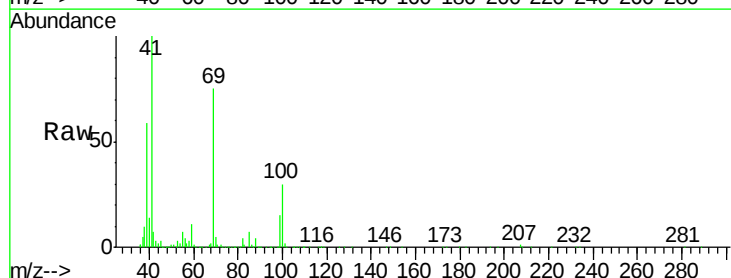
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916MBS01

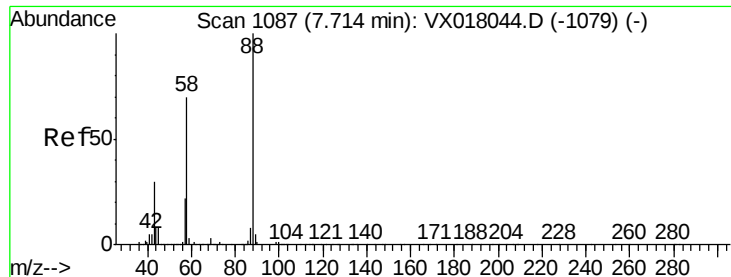
Tgt Ion: 83 Resp: 136024
 Ion Ratio Lower Upper
 83 100
 85 61.9 51.8 77.6
 127 9.5 7.7 11.5



#48
 Methyl methacrylate
 Concen: 18.343 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. -0.01 min
 Lab File: VX018433.D
 Acq: 16 Sep 2020 12:00

Tgt Ion: 41 Resp: 98165
 Ion Ratio Lower Upper
 41 100
 69 81.3 65.5 98.3
 39 58.5 44.5 66.7

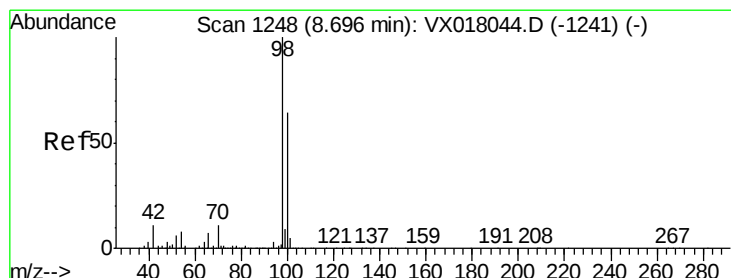
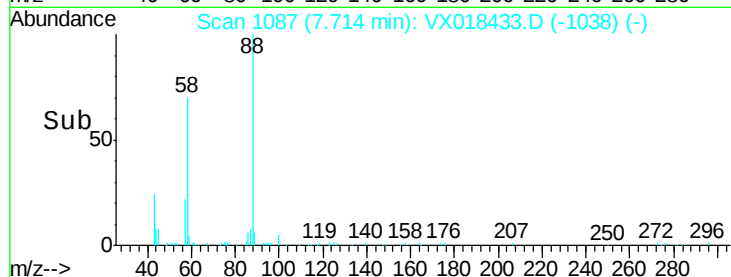
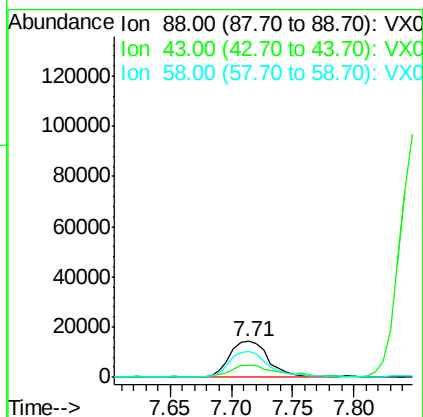
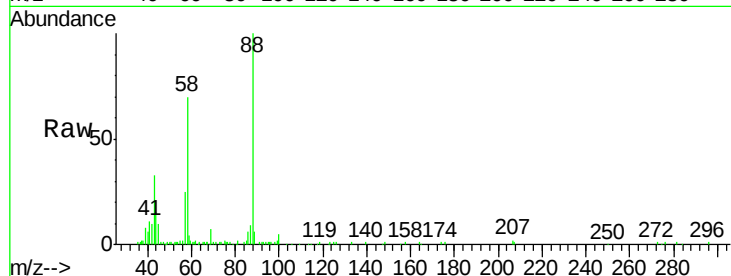




#49
 1,4-Dioxane
 Concen: 336.109 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX018433.D
 Acq: 16 Sep 2020 12:00

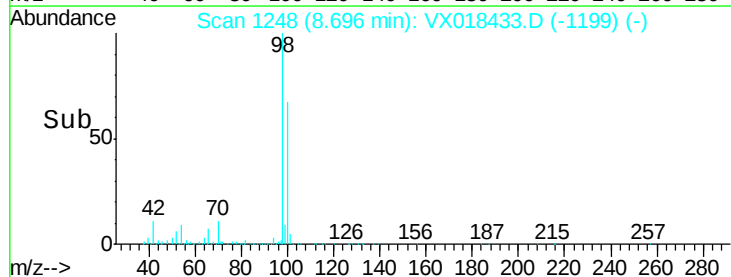
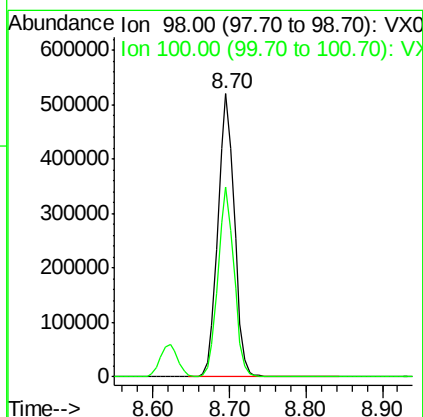
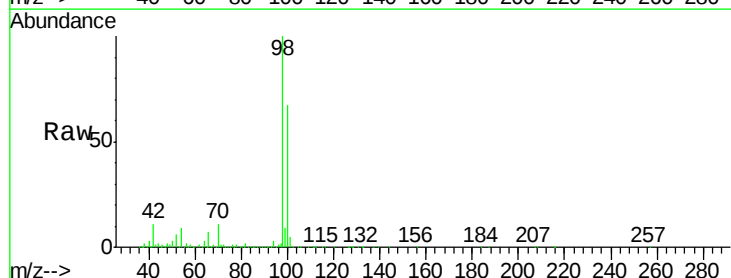
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916MBS01

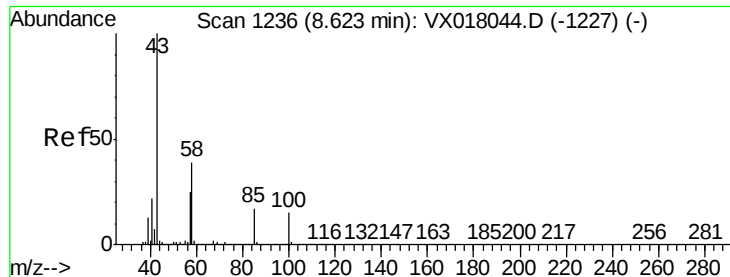
Tgt Ion: 88 Resp: 32583
 Ion Ratio Lower Upper
 88 100
 43 39.0 27.4 41.0
 58 71.4 56.4 84.6



#50
 Toluene-d8
 Concen: 49.397 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX018433.D
 Acq: 16 Sep 2020 12:00

Tgt Ion: 98 Resp: 778530
 Ion Ratio Lower Upper
 98 100
 100 65.4 52.2 78.4

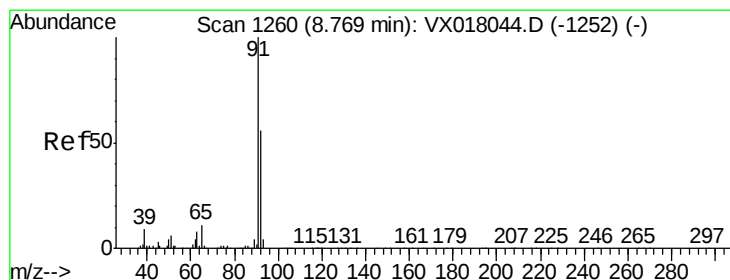
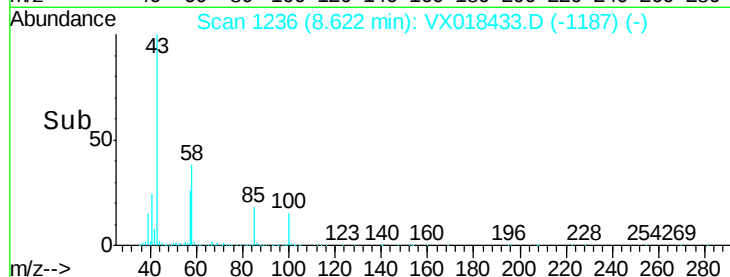
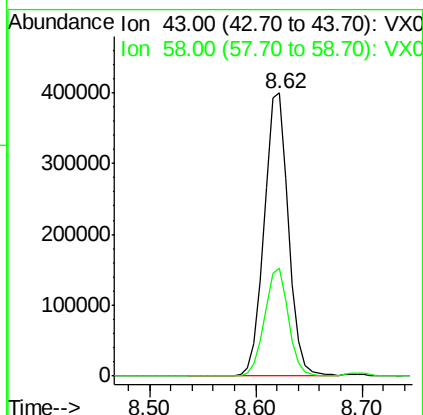
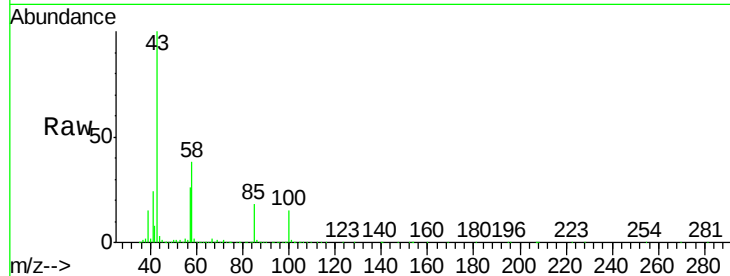




#51
 4-Methyl-2-Pentanone
 Concen: 95.684 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX018433.D
 Acq: 16 Sep 2020 12:00

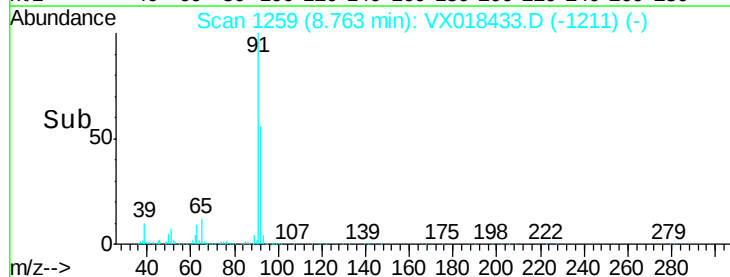
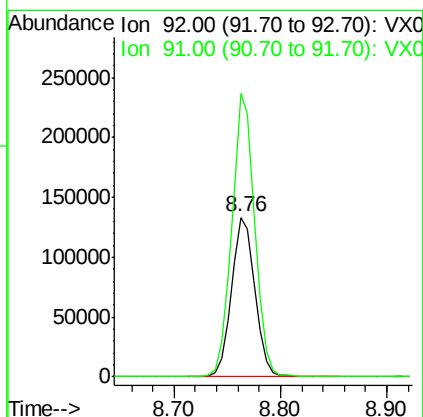
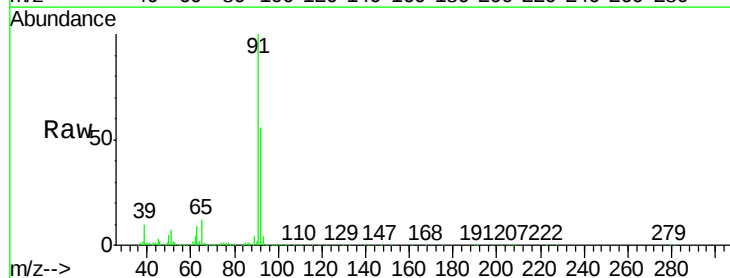
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916MBS01

Tgt Ion: 43 Resp: 635410
 Ion Ratio Lower Upper
 43 100
 58 37.5 30.7 46.1



#52
 Toluene
 Concen: 19.242 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX018433.D
 Acq: 16 Sep 2020 12:00

Tgt Ion: 92 Resp: 205466
 Ion Ratio Lower Upper
 92 100
 91 173.4 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 20.218 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018433.D

Acq: 16 Sep 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

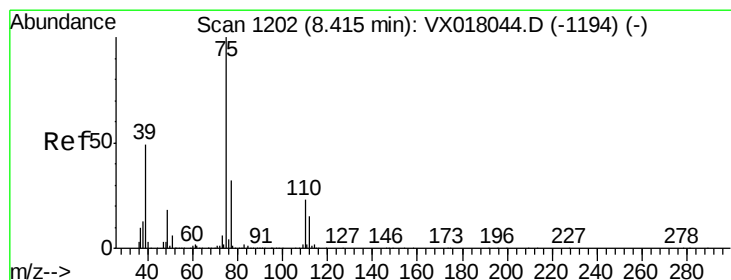
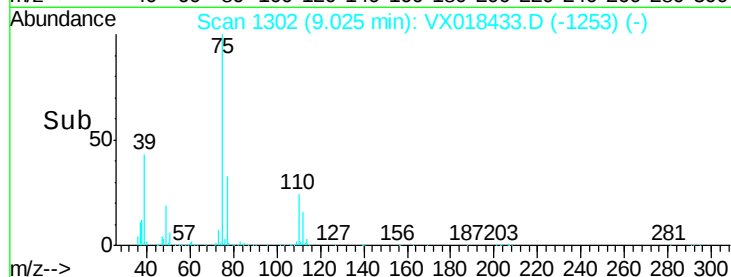
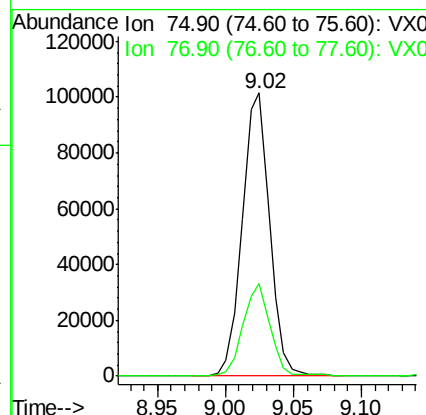
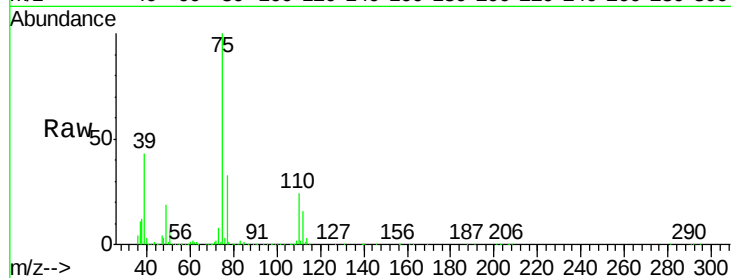
VX0916MBS01

Tgt Ion: 75 Resp: 142795

Ion Ratio Lower Upper

75 100

77 32.3 26.6 39.8



#54

cis-1,3-Dichloropropene

Concen: 20.364 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018433.D

Acq: 16 Sep 2020 12:00

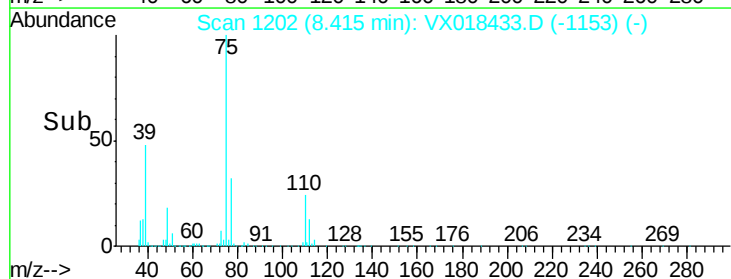
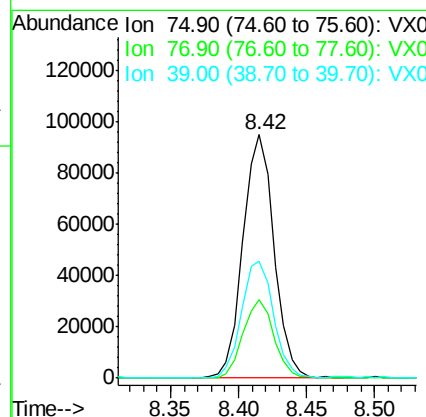
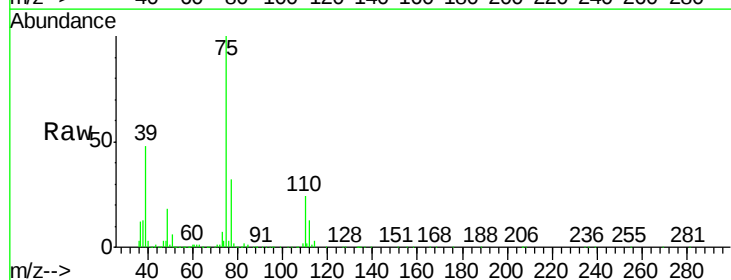
Tgt Ion: 75 Resp: 152358

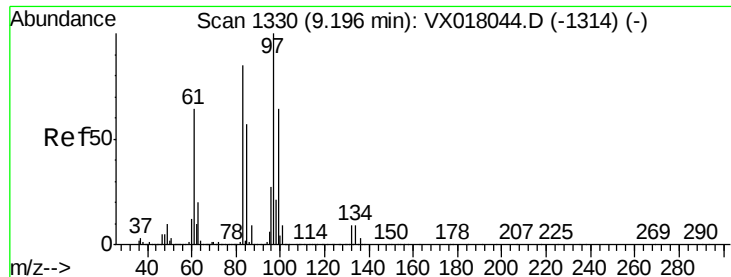
Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.8

39 47.9 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 19.877 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018433.D

Acq: 16 Sep 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0916MBS01

Tgt Ion: 97 Resp: 90518

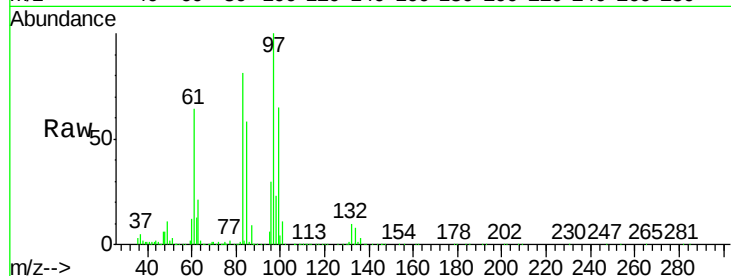
Ion Ratio Lower Upper

97 100

83 80.7 67.8 101.6

85 58.0 45.3 67.9

99 65.4 50.9 76.3

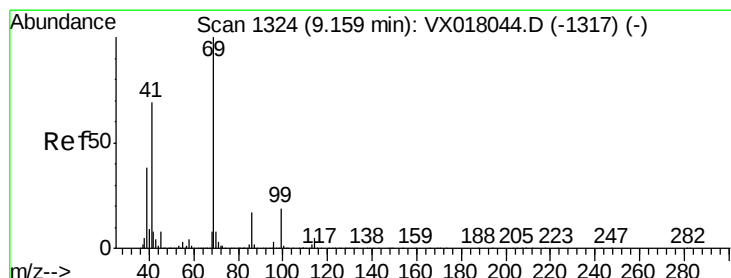
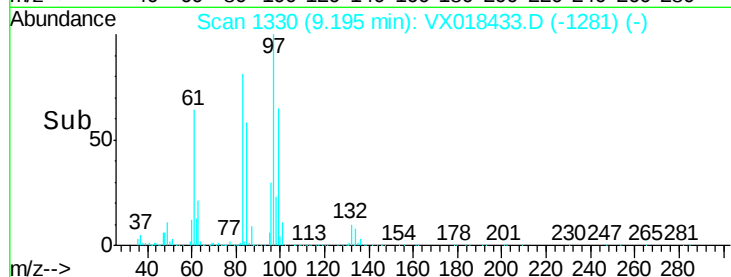
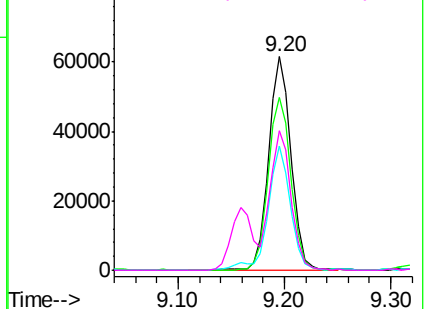


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 19.024 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018433.D

Acq: 16 Sep 2020 12:00

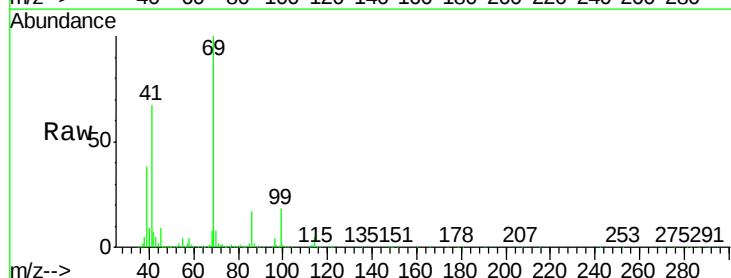
Tgt Ion: 69 Resp: 128790

Ion Ratio Lower Upper

69 100

41 67.6 54.6 81.8

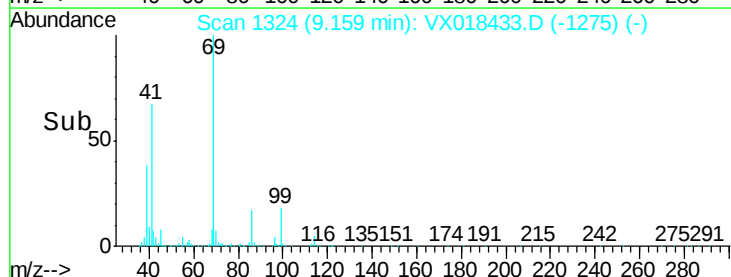
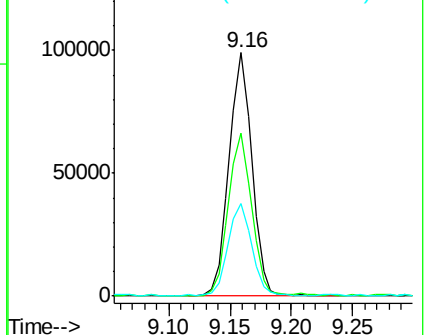
39 39.3 29.1 43.7

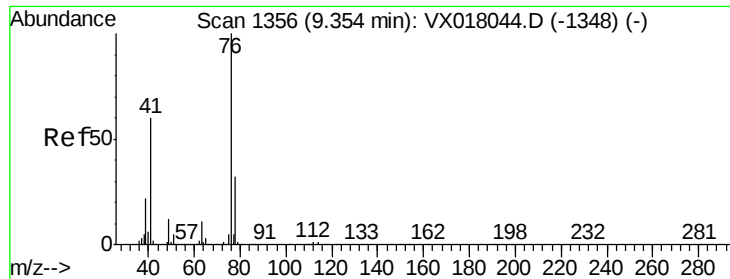


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

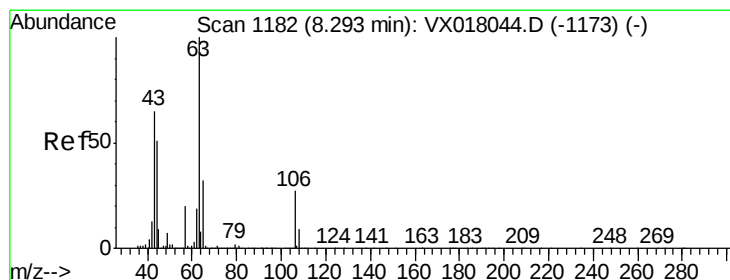
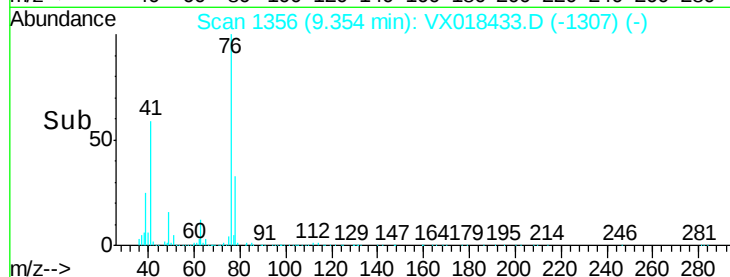
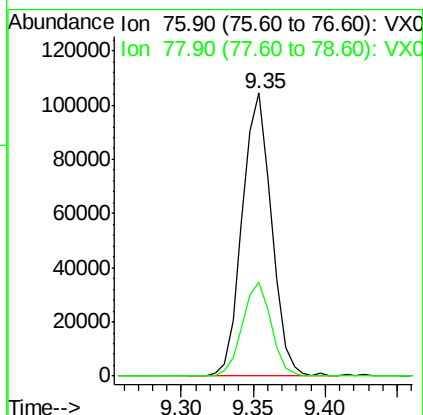
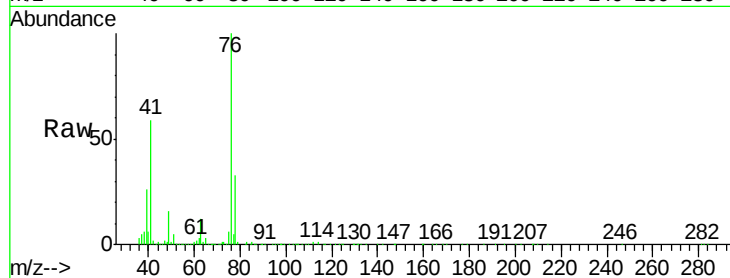




#57
 1,3-Dichloropropane
 Concen: 19.613 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX018433.D
 Acq: 16 Sep 2020 12:00

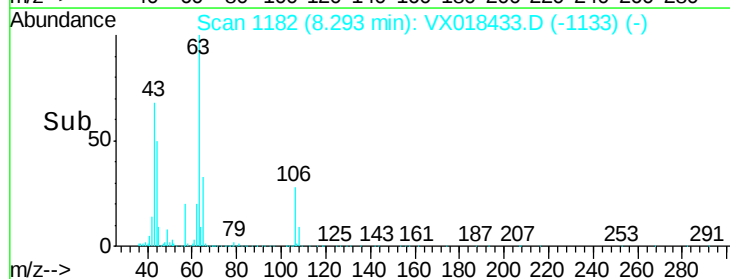
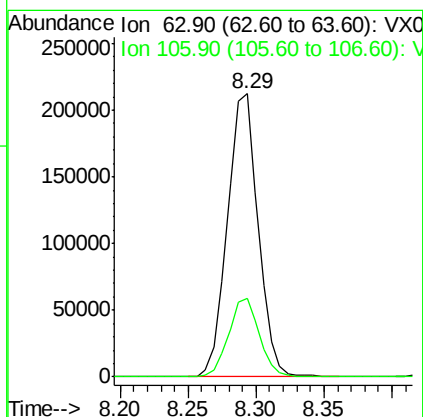
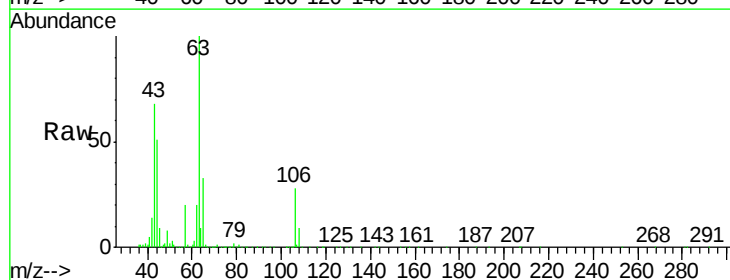
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916MBS01

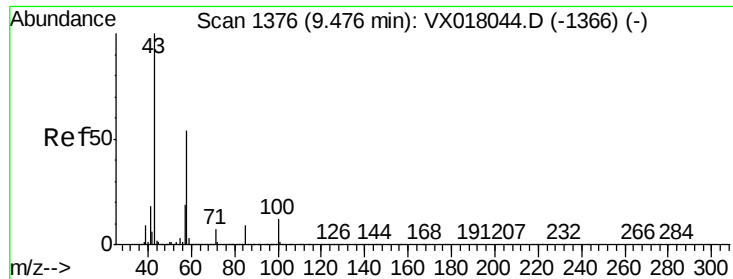
Tgt Ion: 76 Resp: 147315
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 109.156 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX018433.D
 Acq: 16 Sep 2020 12:00

Tgt Ion: 63 Resp: 332428
 Ion Ratio Lower Upper
 63 100
 106 28.0 22.1 33.1

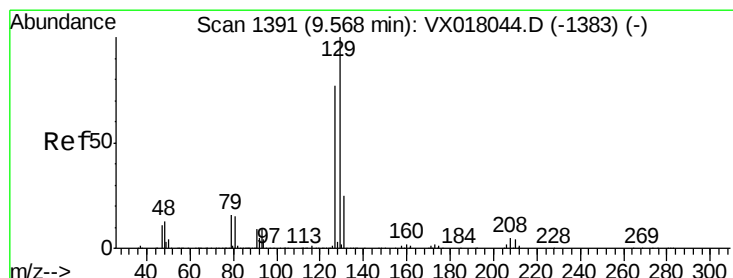
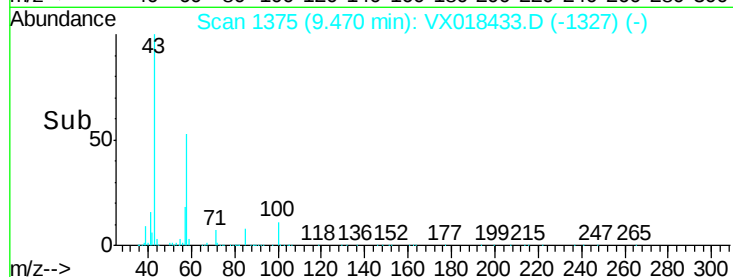
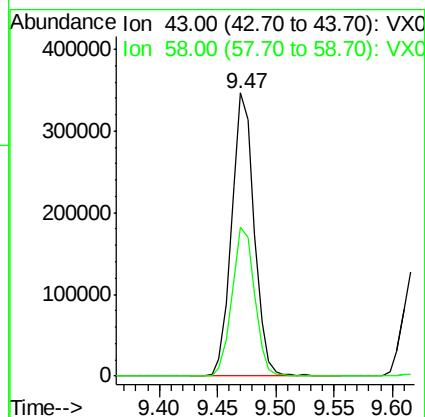
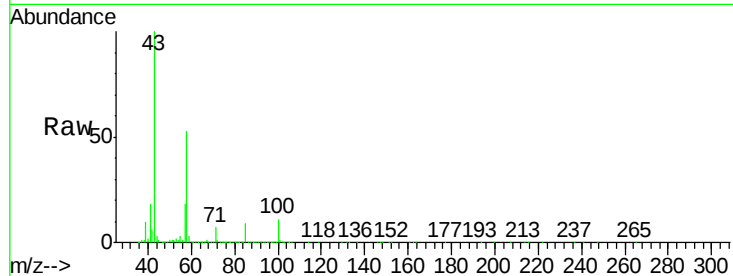




#59
2-Hexanone
Concen: 92.447 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018433.D
Acq: 16 Sep 2020 12:00

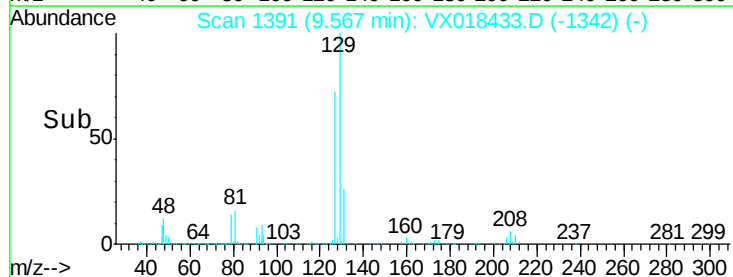
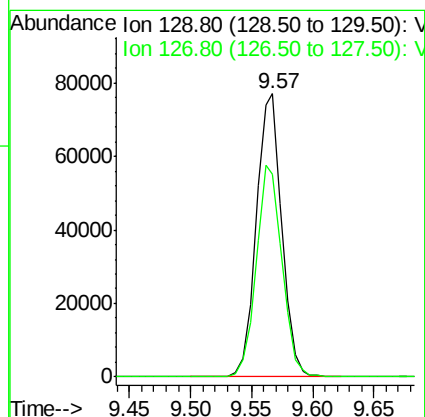
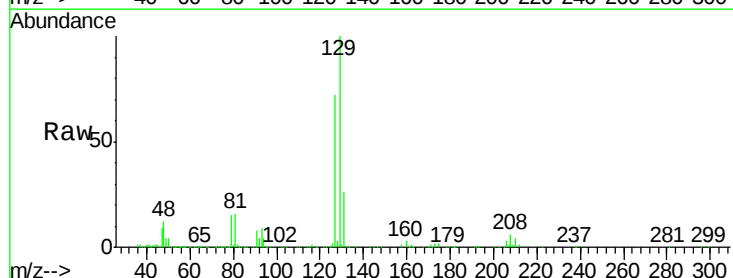
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBS01

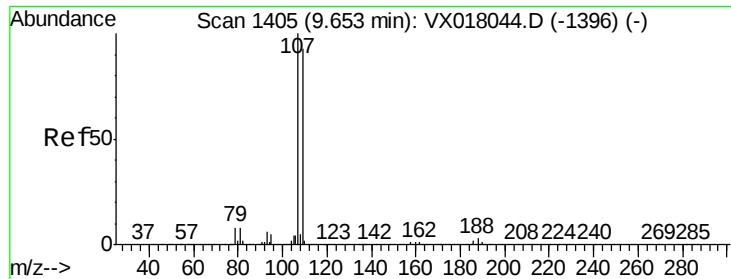
Tgt Ion: 43 Resp: 466815
Ion Ratio Lower Upper
43 100
58 53.1 26.6 79.7



#60
Dibromochloromethane
Concen: 20.946 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018433.D
Acq: 16 Sep 2020 12:00

Tgt Ion: 129 Resp: 111900
Ion Ratio Lower Upper
129 100
127 75.8 38.9 116.6

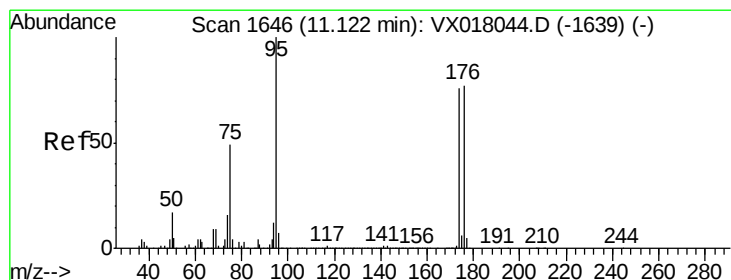
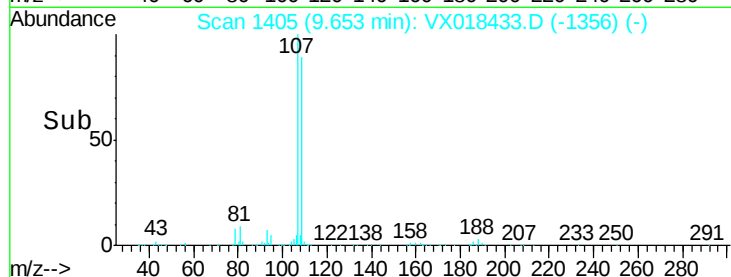
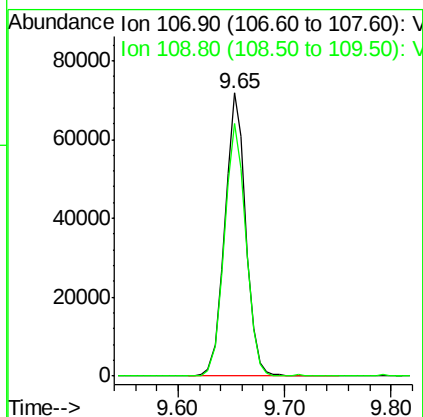
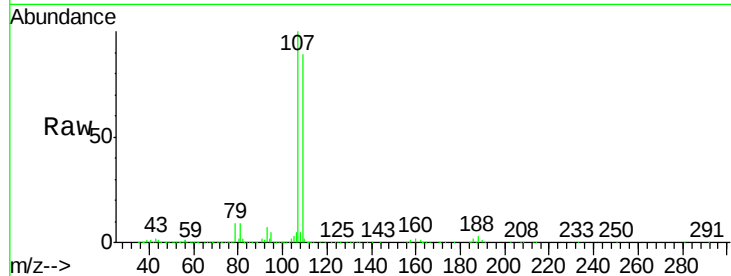




#61
 1,2-Dibromoethane
 Concen: 19.968 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX018433.D
 Acq: 16 Sep 2020 12:00

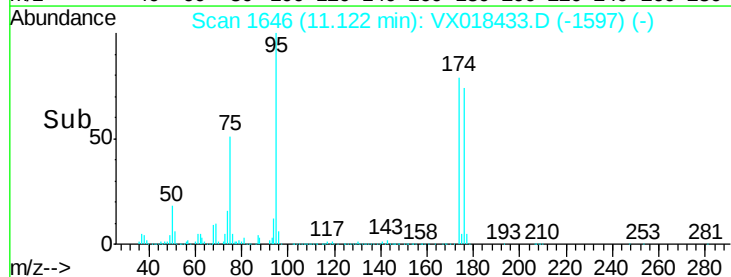
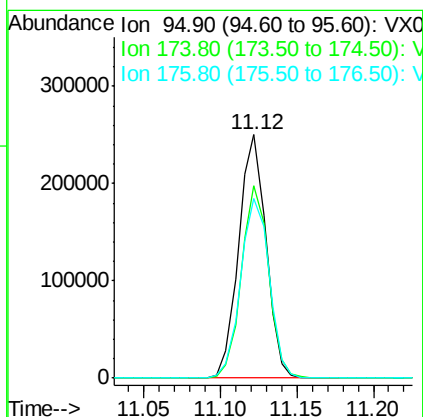
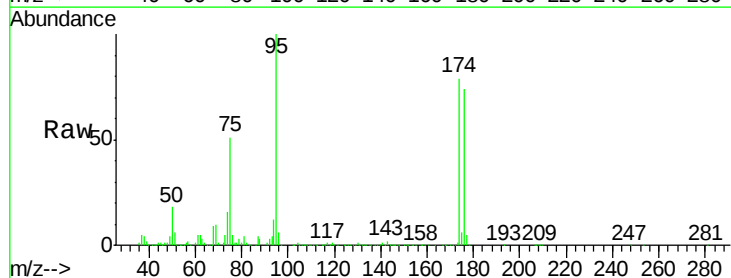
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916MBS01

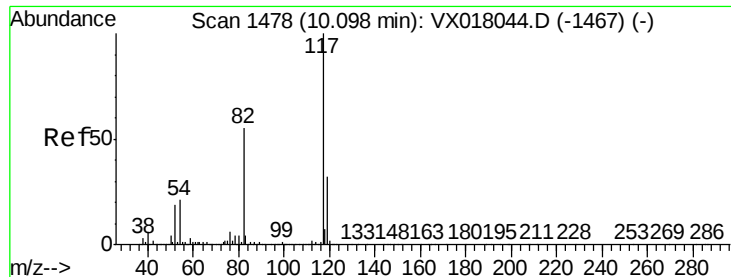
Tgt Ion: 107 Resp: 98724
 Ion Ratio Lower Upper
 107 100
 109 91.9 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 50.064 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX018433.D
 Acq: 16 Sep 2020 12:00

Tgt Ion: 95 Resp: 310436
 Ion Ratio Lower Upper
 95 100
 174 78.2 0.0 160.2
 176 77.2 0.0 155.8

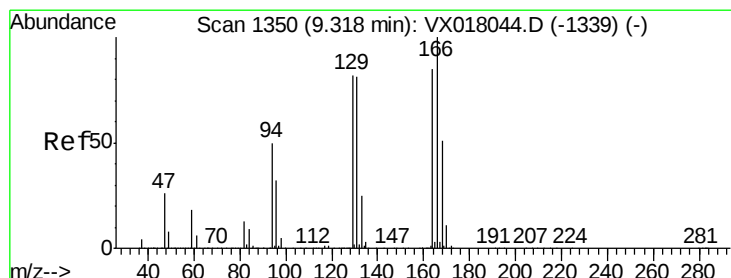
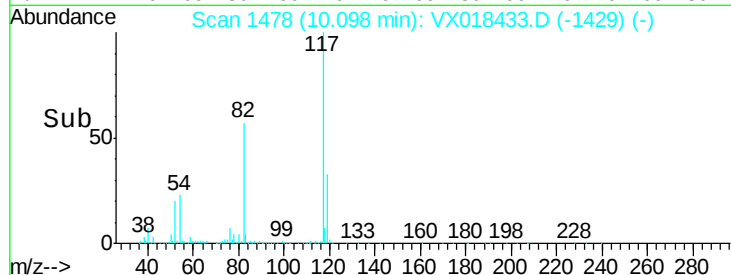
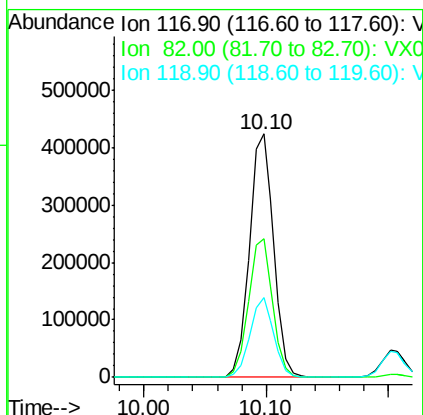
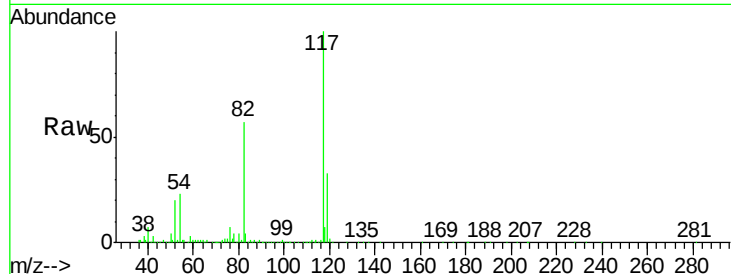




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018433.D
Acq: 16 Sep 2020 12:00

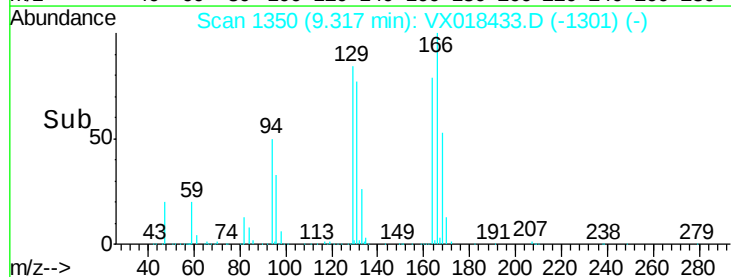
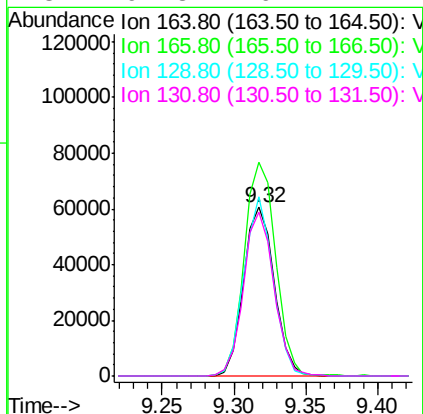
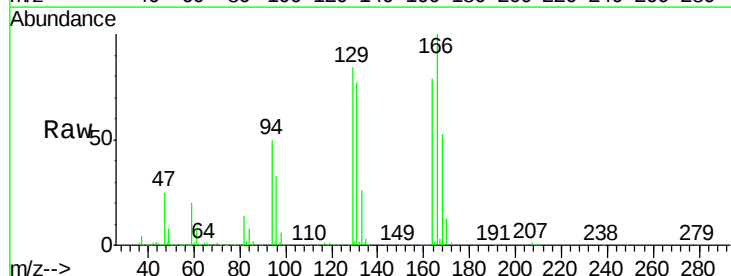
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBS01

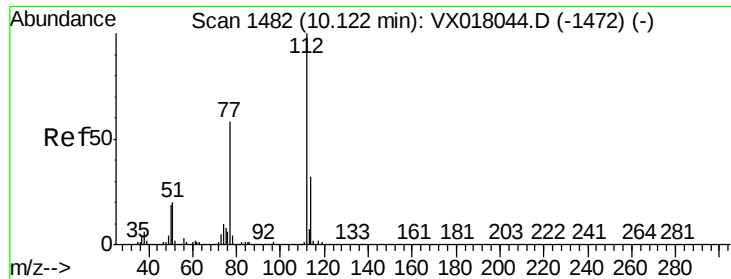
Tgt Ion:117 Resp: 584860
Ion Ratio Lower Upper
117 100
82 57.1 44.2 66.2
119 33.0 25.7 38.5



#64
Tetrachloroethene
Concen: 20.764 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018433.D
Acq: 16 Sep 2020 12:00

Tgt Ion:164 Resp: 89240
Ion Ratio Lower Upper
164 100
166 126.6 94.2 141.2
129 106.2 76.9 115.3
131 97.3 76.1 114.1





#65

Chlorobenzene

Concen: 20.071 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018433.D

Acq: 16 Sep 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

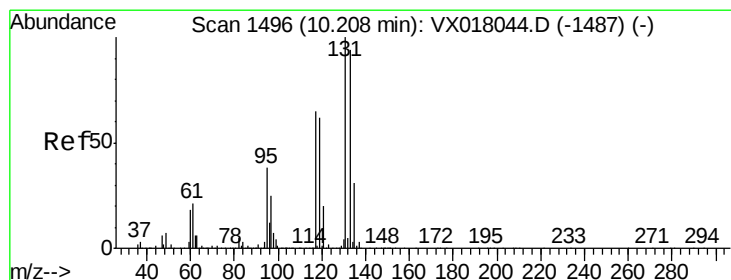
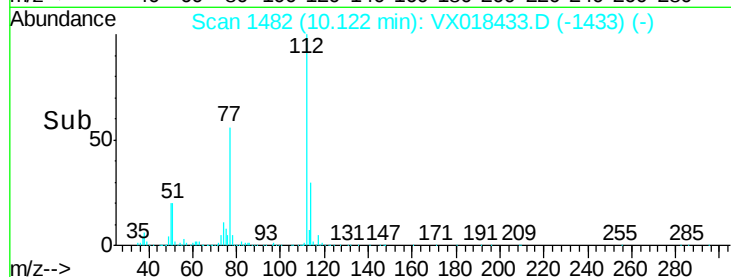
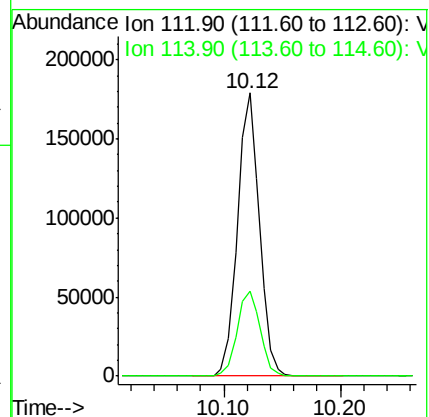
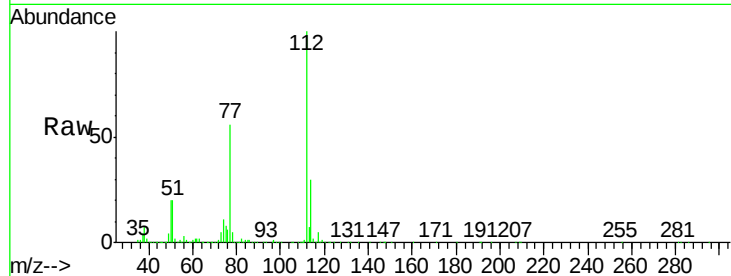
VX0916MBS01

Tgt Ion:112 Resp: 234442

Ion Ratio Lower Upper

112 100

114 30.0 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 20.318 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX018433.D

Acq: 16 Sep 2020 12:00

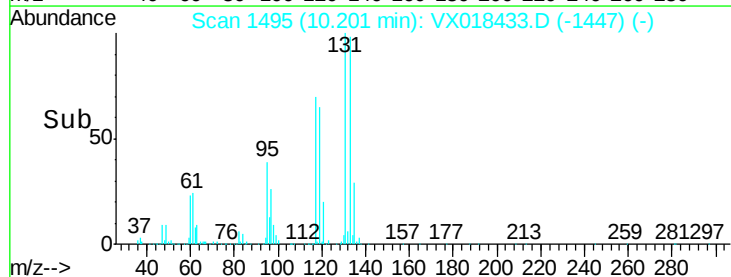
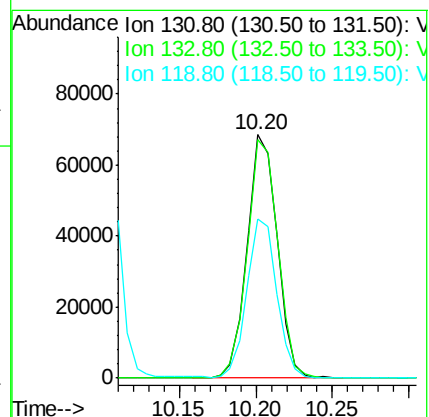
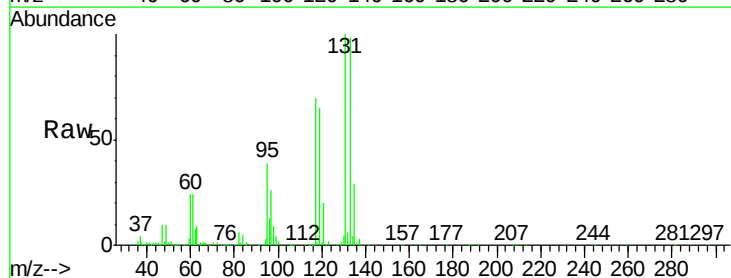
Tgt Ion:131 Resp: 93539

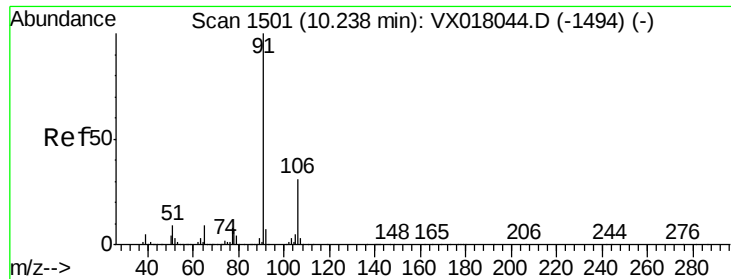
Ion Ratio Lower Upper

131 100

133 99.6 46.7 140.1

119 65.2 31.8 95.4





#67

Ethyl Benzene

Concen: 19.821 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018433.D

Acq: 16 Sep 2020 12:00

Instrument :

MSVOA_X

ClientSampled :

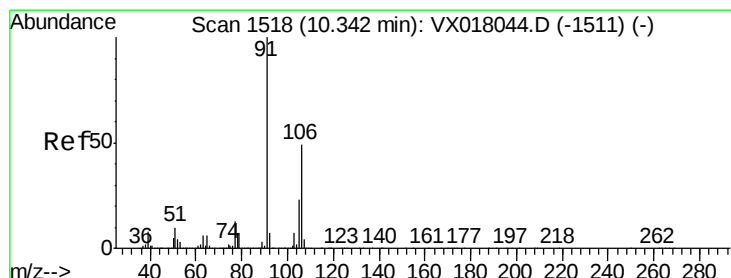
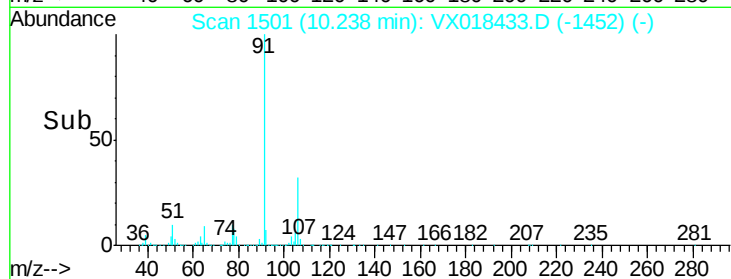
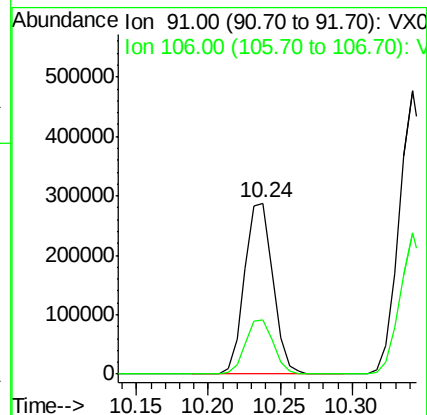
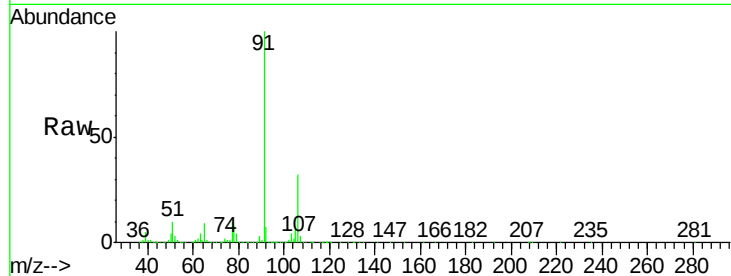
VX0916MBS01

Tgt Ion: 91 Resp: 393741

Ion Ratio Lower Upper

91 100

106 31.6 24.9 37.3



#68

m/p-Xylenes

Concen: 40.863 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018433.D

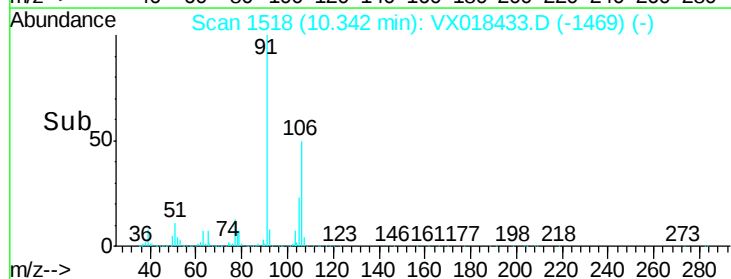
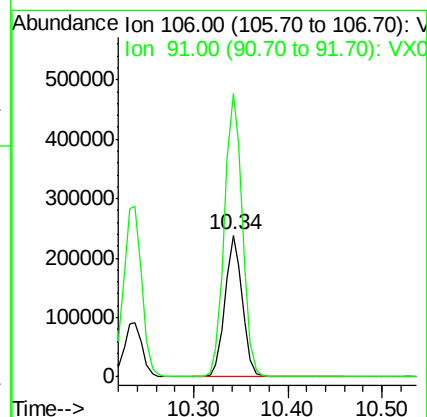
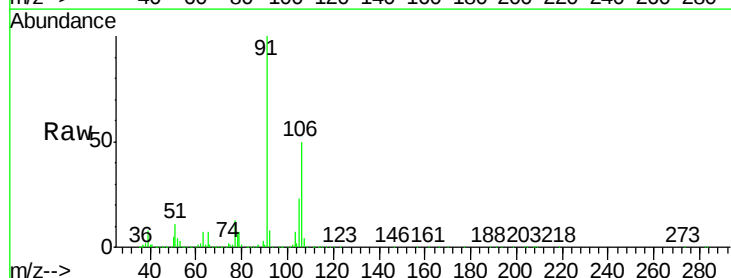
Acq: 16 Sep 2020 12:00

Tgt Ion: 106 Resp: 302971

Ion Ratio Lower Upper

106 100

91 207.2 162.2 243.2

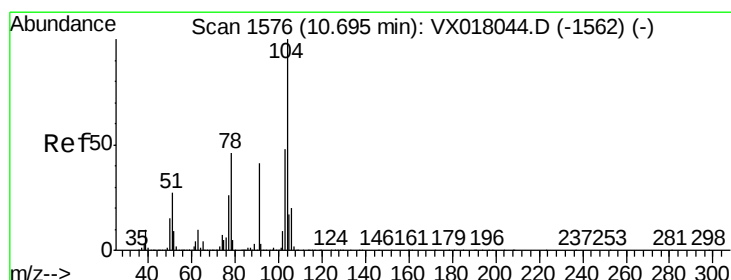
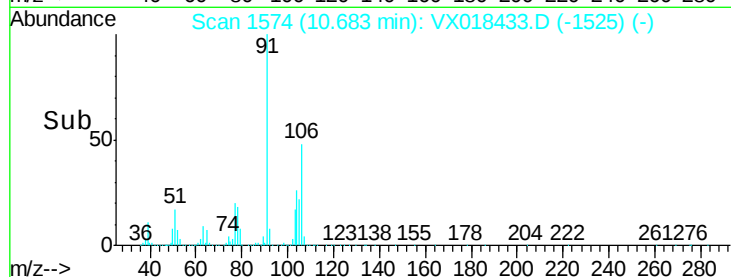
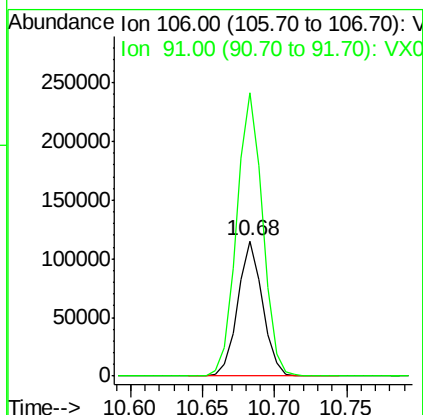
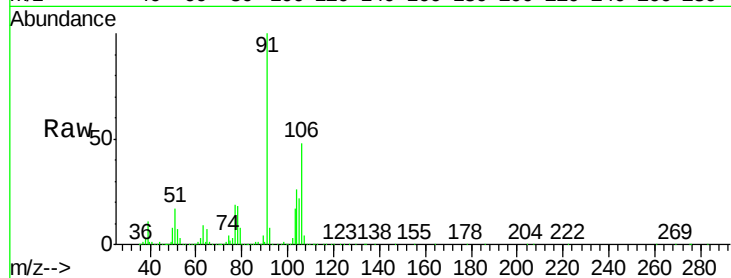




#69
o-Xylene
Concen: 19.308 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018433.D
Acq: 16 Sep 2020 12:00

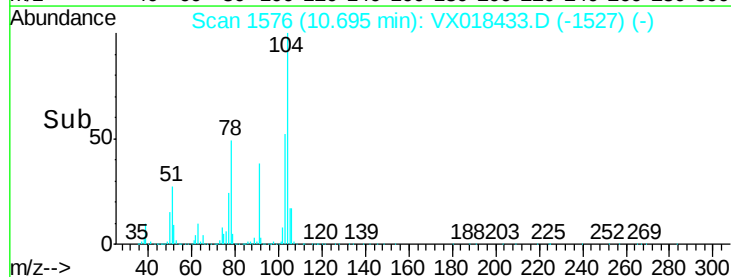
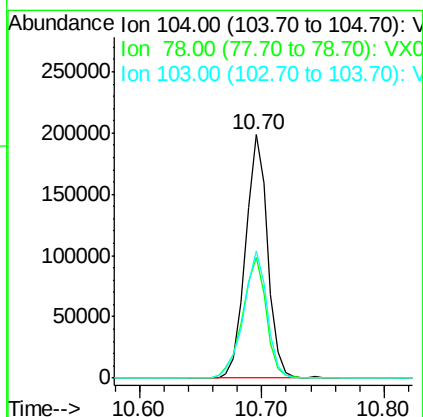
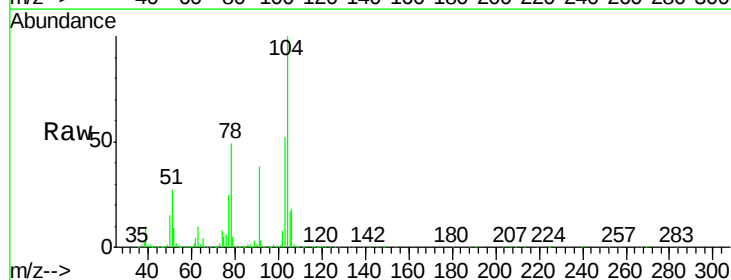
Instrument :
MSVOA_X
ClientSampled :
VX0916MBS01

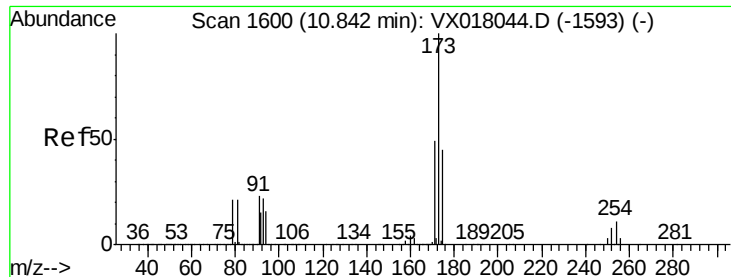
Tgt Ion:106 Resp: 138776
Ion Ratio Lower Upper
106 100
91 218.3 107.1 321.3



#70
Styrene
Concen: 20.231 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018433.D
Acq: 16 Sep 2020 12:00

Tgt Ion:104 Resp: 247632
Ion Ratio Lower Upper
104 100
78 53.5 40.9 61.3
103 56.1 43.6 65.4





#71

Bromoform

Concen: 21.090 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018433.D

Acq: 16 Sep 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0916MBS01

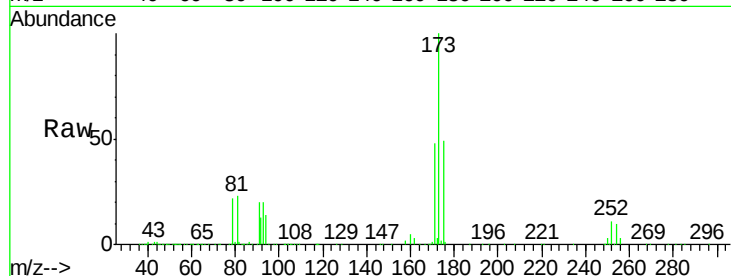
Tgt Ion:173 Resp: 82818

Ion Ratio Lower Upper

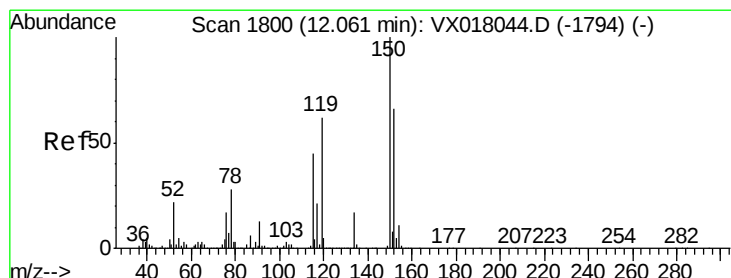
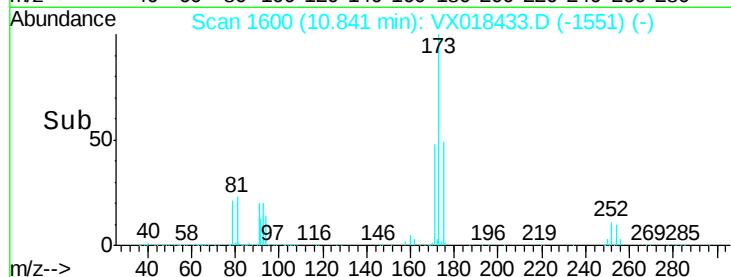
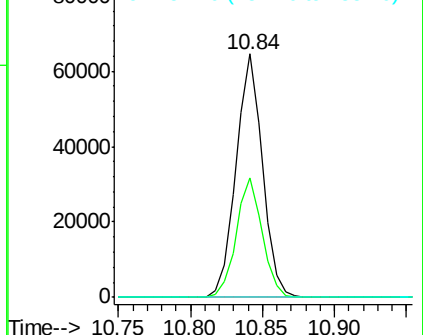
173 100

175 48.1 23.9 71.8

254 0.1 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: VX018433.D

Acq: 16 Sep 2020 12:00

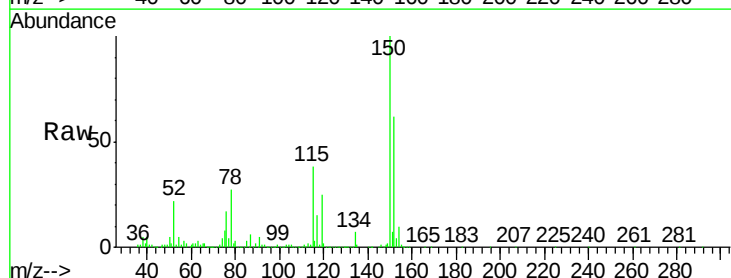
Tgt Ion:152 Resp: 320711

Ion Ratio Lower Upper

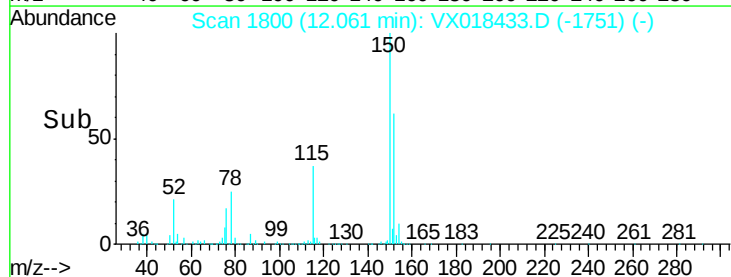
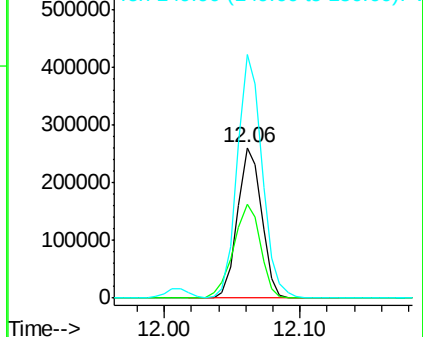
152 100

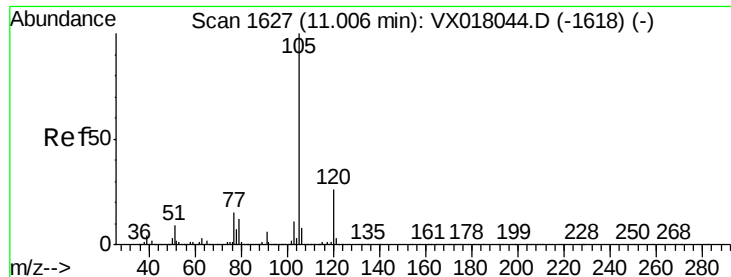
115 69.9 41.5 124.5

150 166.9 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: 18.704 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018433.D

Acq: 16 Sep 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

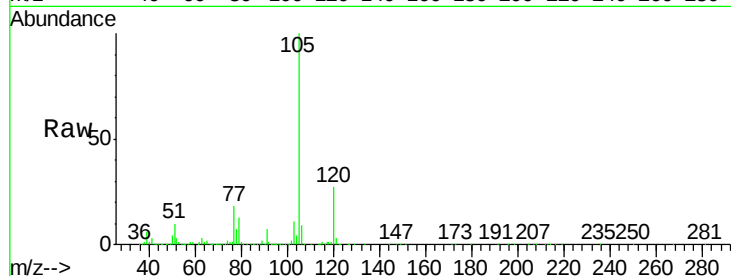
VX0916MBS01

Tgt Ion: 105 Resp: 395663

Ion Ratio Lower Upper

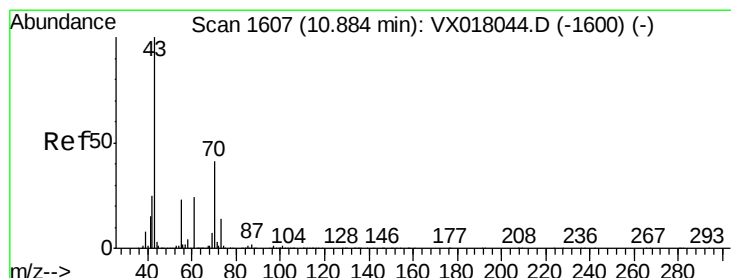
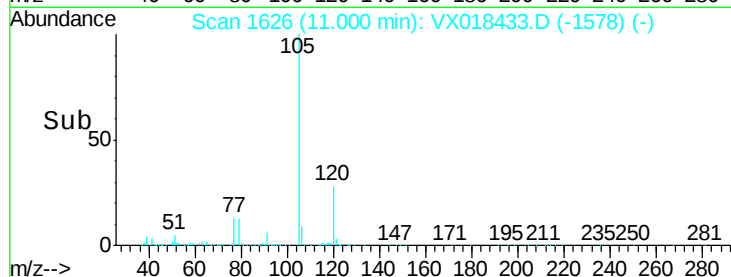
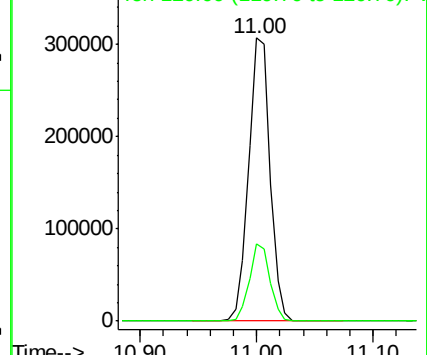
105 100

120 26.3 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.939 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018433.D

Acq: 16 Sep 2020 12:00

Tgt Ion: 43 Resp: 170013

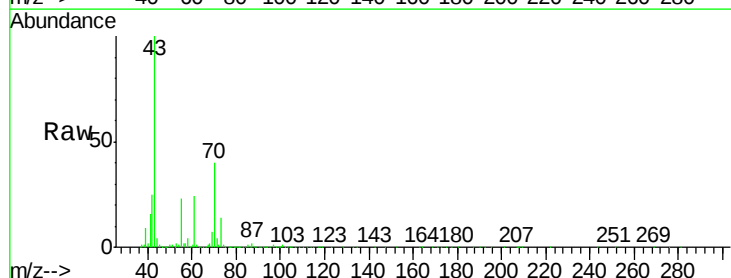
Ion Ratio Lower Upper

43 100

70 40.9 32.3 48.5

55 23.9 18.2 27.2

61 22.7 18.9 28.3

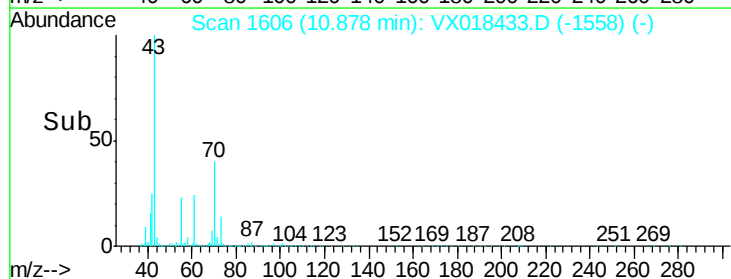
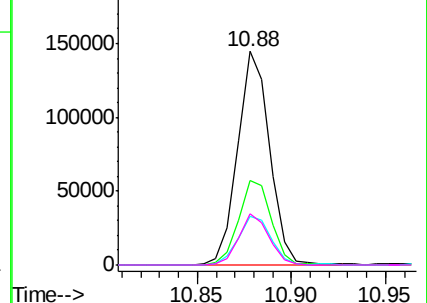


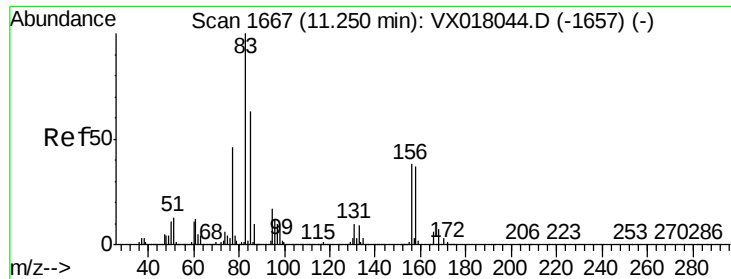
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.893 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018433.D

Acq: 16 Sep 2020 12:00

Instrument :

MSVOA_X

ClientSampled :

VX0916MBS01

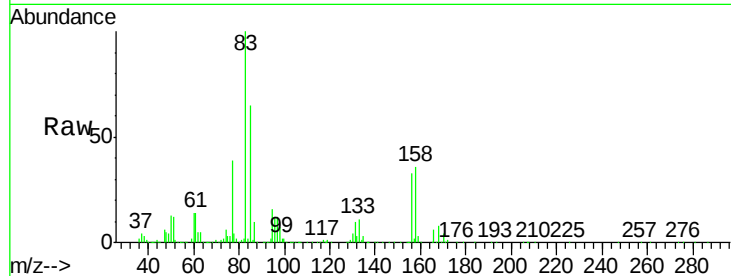
Tgt Ion: 83 Resp: 133525

Ion Ratio Lower Upper

83 100

131 11.3 5.1 15.4

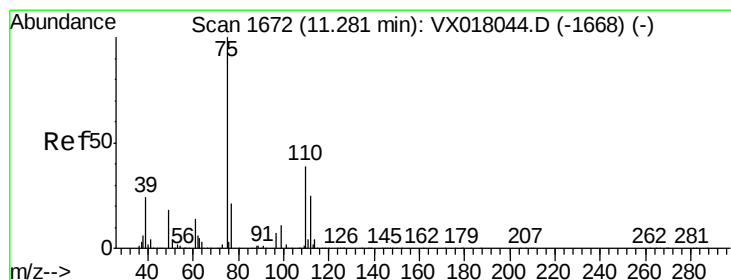
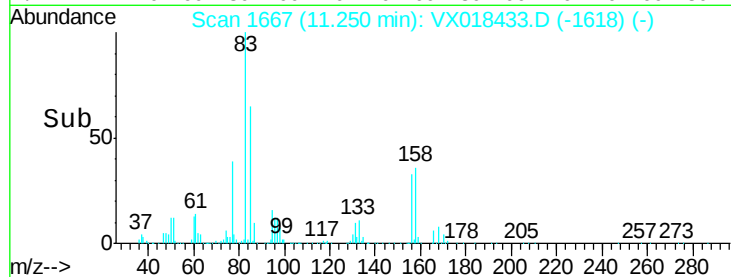
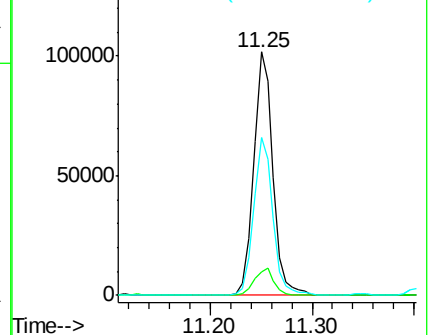
85 64.9 32.2 96.6



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: 22.466 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018433.D

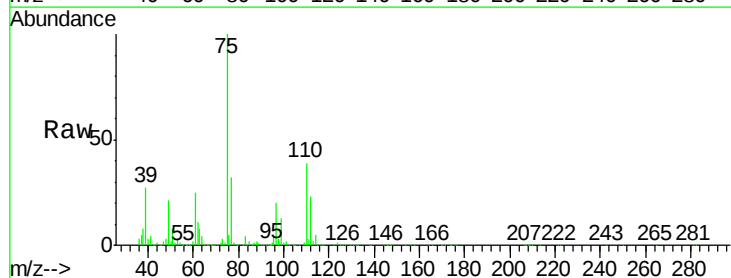
Acq: 16 Sep 2020 12:00

Tgt Ion: 75 Resp: 160281

Ion Ratio Lower Upper

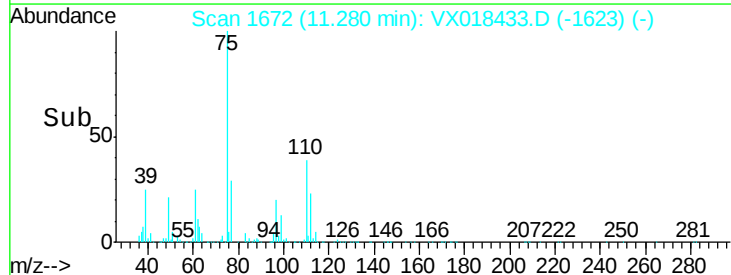
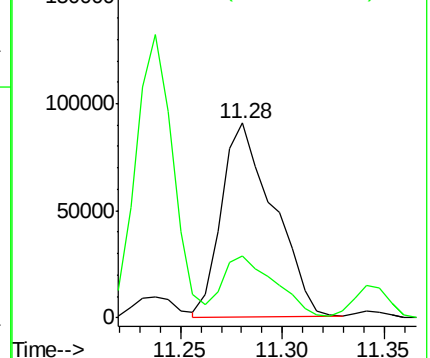
75 100

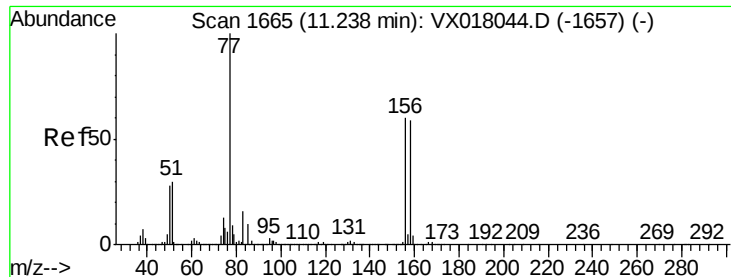
77 32.1 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.588 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018433.D

Acq: 16 Sep 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0916MBS01

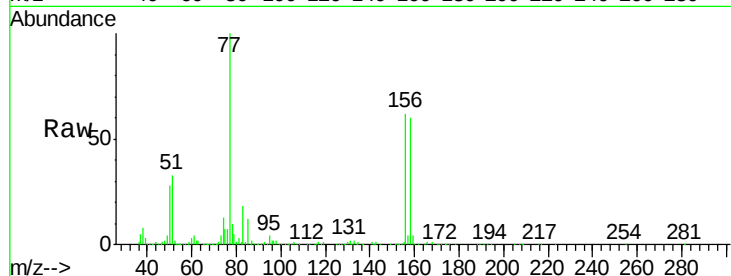
Tgt Ion:156 Resp: 108695

Ion Ratio Lower Upper

156 100

77 154.4 80.0 240.2

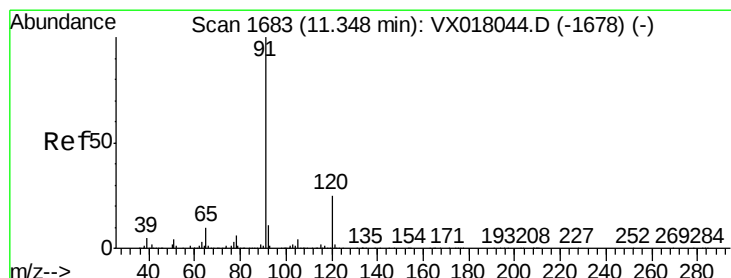
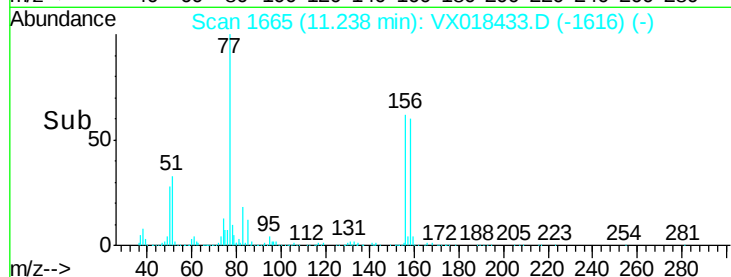
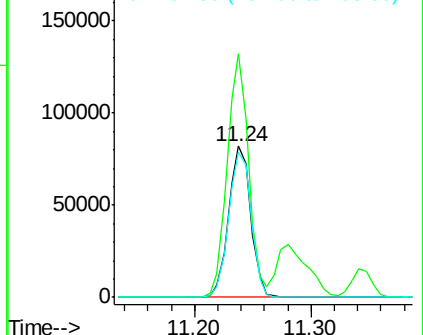
158 97.8 49.5 148.7



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: 19.147 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018433.D

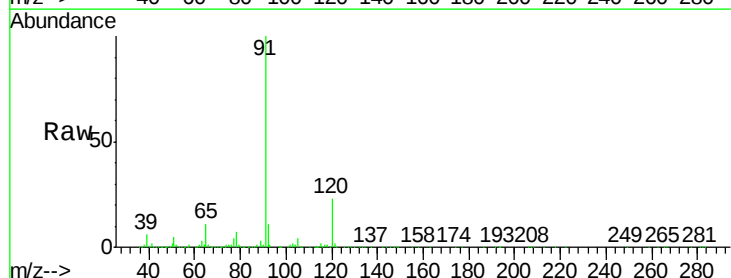
Acq: 16 Sep 2020 12:00

Tgt Ion: 91 Resp: 459916

Ion Ratio Lower Upper

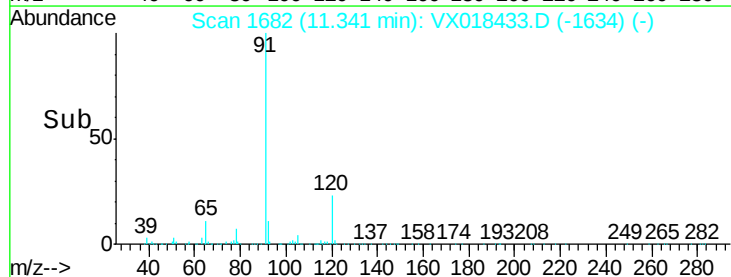
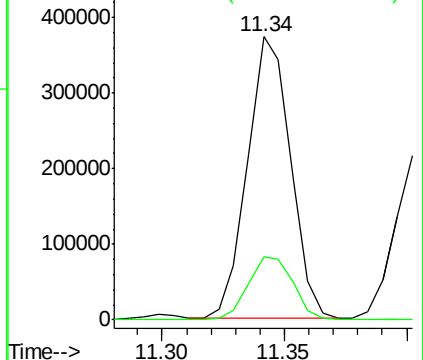
91 100

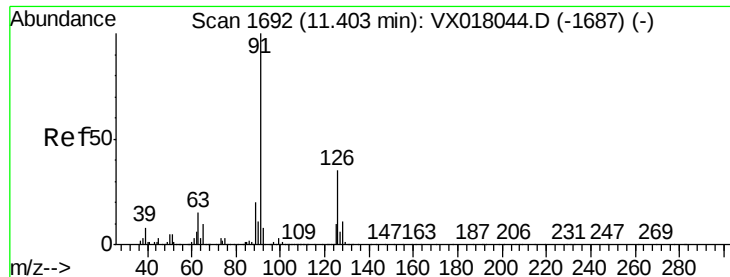
120 23.6 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.664 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018433.D

Acq: 16 Sep 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

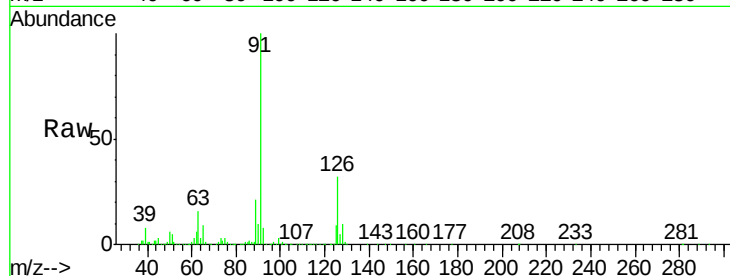
VX0916MBS01

Tgt Ion: 91 Resp: 276972

Ion Ratio Lower Upper

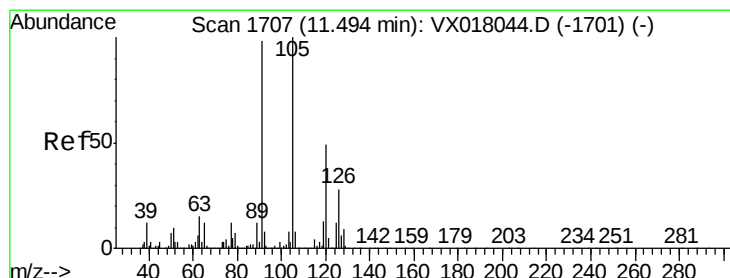
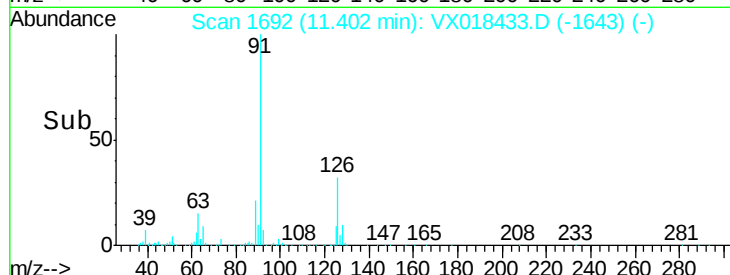
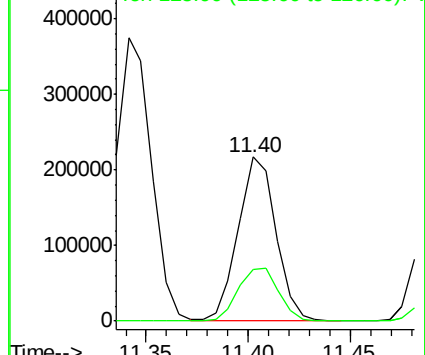
91 100

126 34.8 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.157 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018433.D

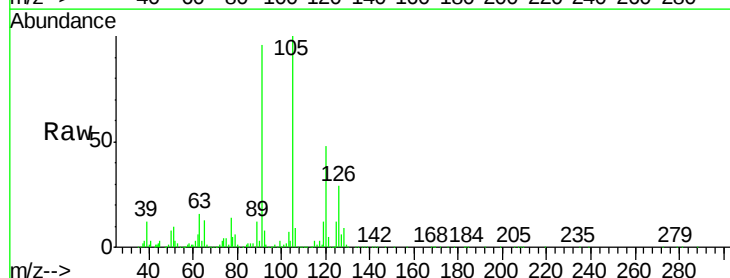
Acq: 16 Sep 2020 12:00

Tgt Ion: 105 Resp: 350412

Ion Ratio Lower Upper

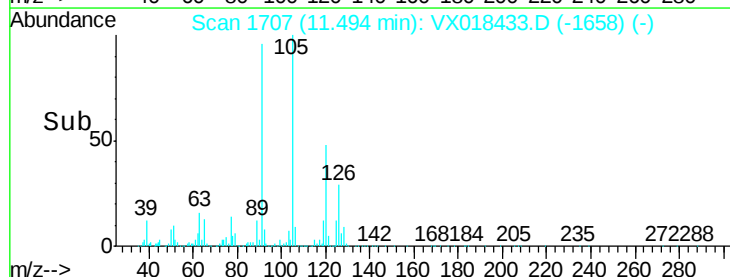
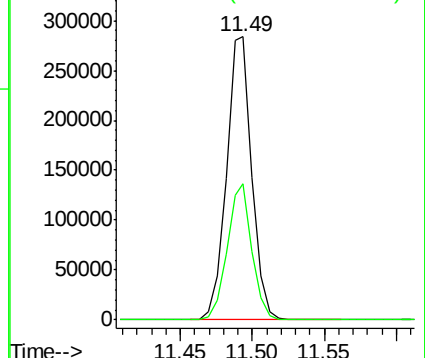
105 100

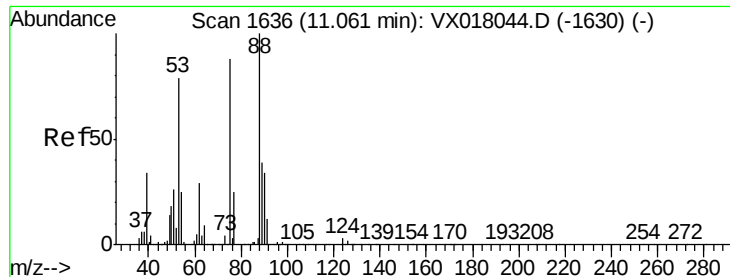
120 46.7 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.612 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018433.D

Acq: 16 Sep 2020 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0916MBS01

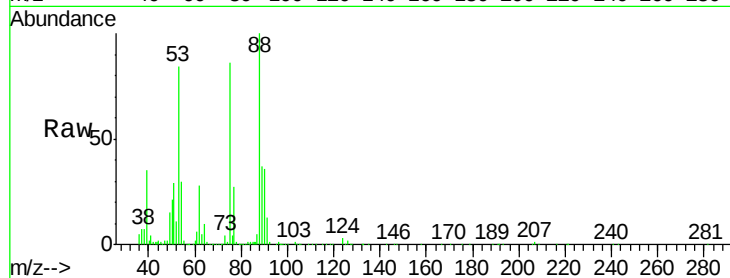
Tgt Ion: 75 Resp: 46523

Ion Ratio Lower Upper

75 100

53 97.3 74.7 112.1

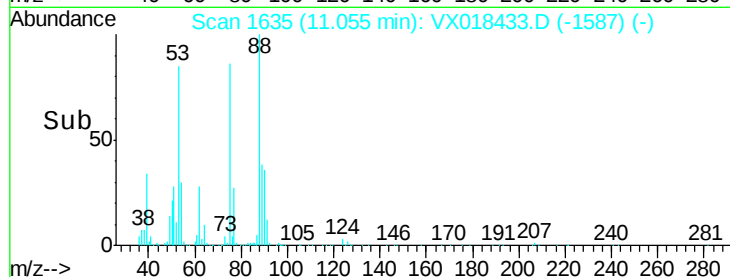
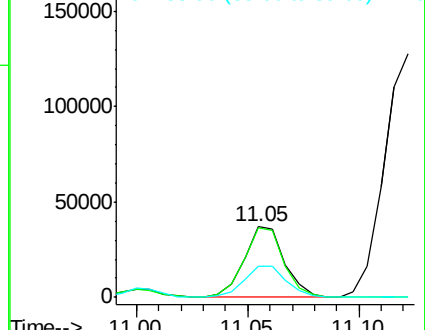
89 47.2 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.006 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018433.D

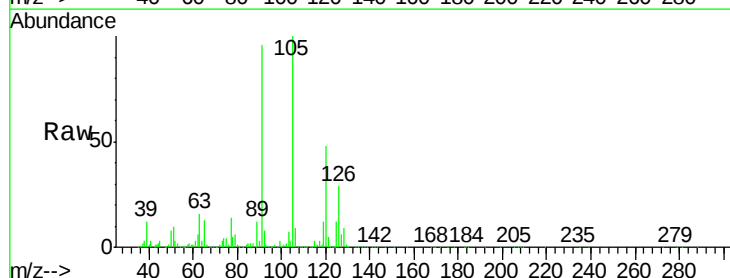
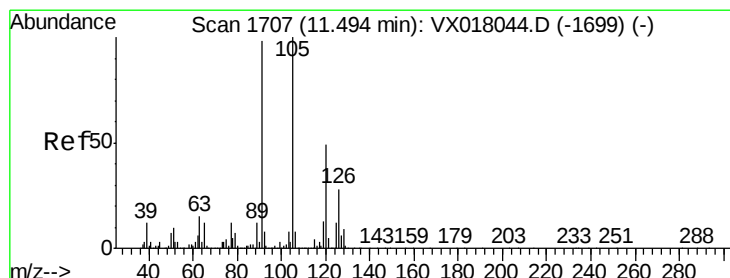
Acq: 16 Sep 2020 12:00

Tgt Ion: 91 Resp: 335297

Ion Ratio Lower Upper

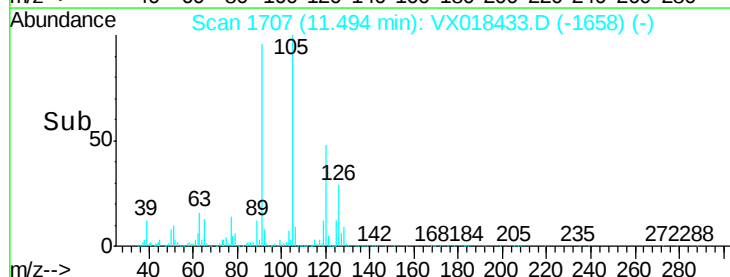
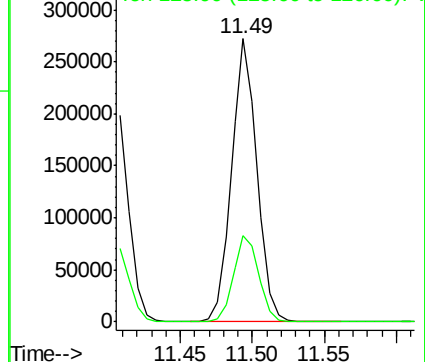
91 100

126 30.7 15.1 45.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

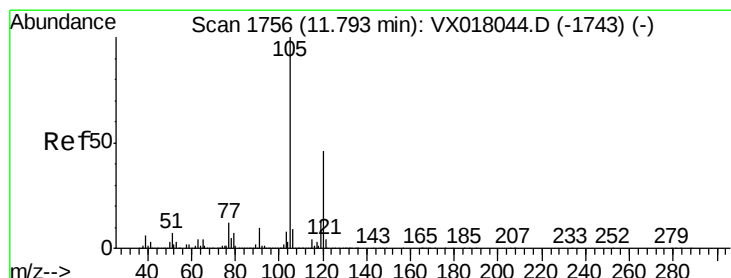
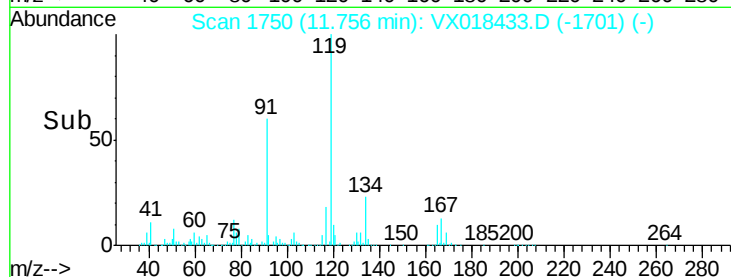
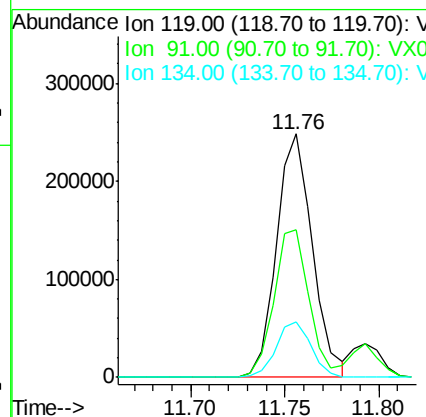
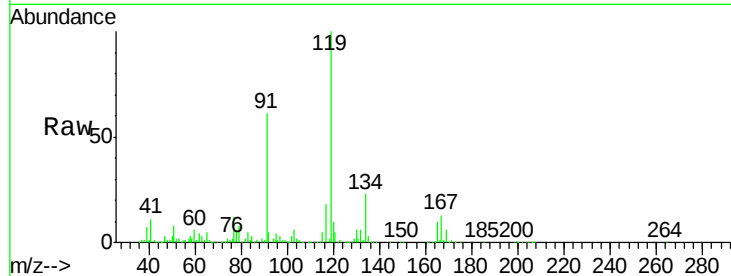




#83
 tert-Butylbenzene
 Concen: 19.095 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX018433.D
 Acq: 16 Sep 2020 12:00

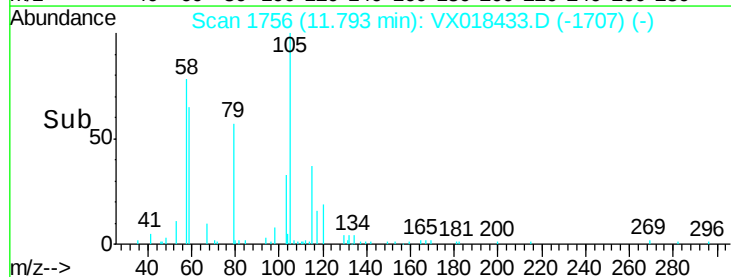
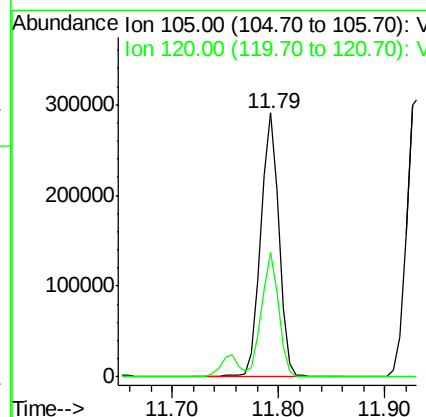
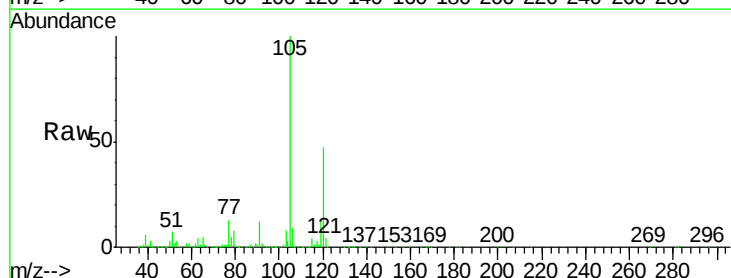
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916MBS01

Tgt Ion:119 Resp: 327588
 Ion Ratio Lower Upper
 119 100
 91 58.8 28.2 84.7
 134 22.4 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 19.680 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018433.D
 Acq: 16 Sep 2020 12:00

Tgt Ion:105 Resp: 349769
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.3 66.9

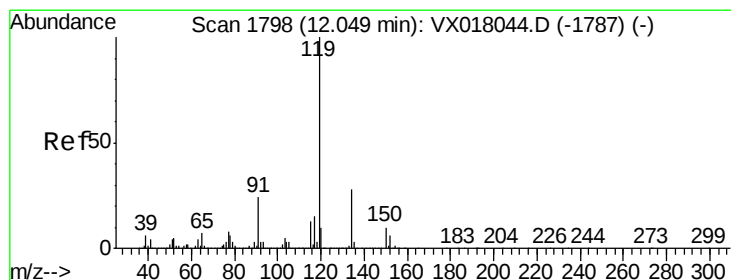
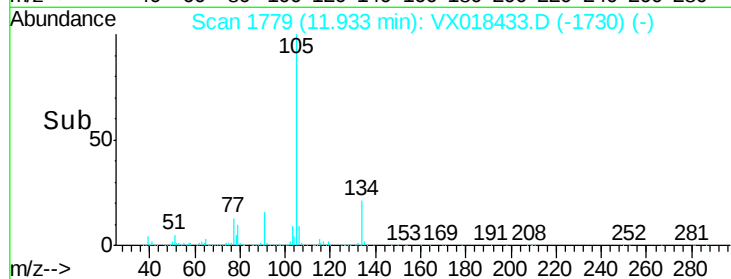
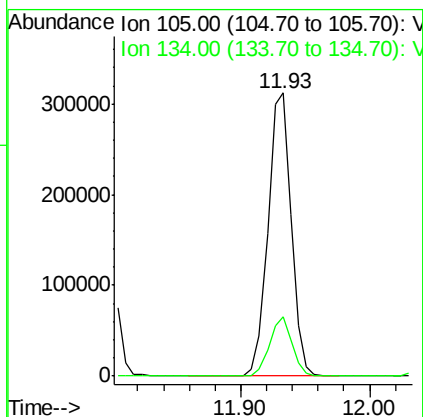
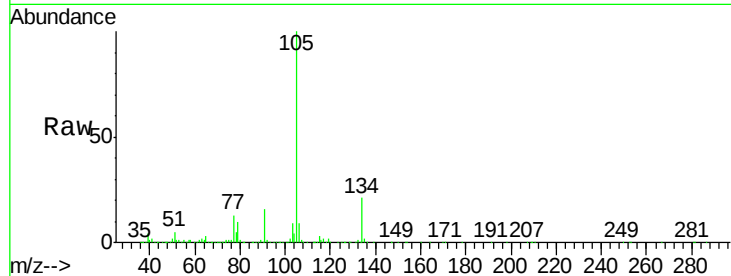




#85
 sec-Butylbenzene
 Concen: 20.019 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018433.D
 Acq: 16 Sep 2020 12:00

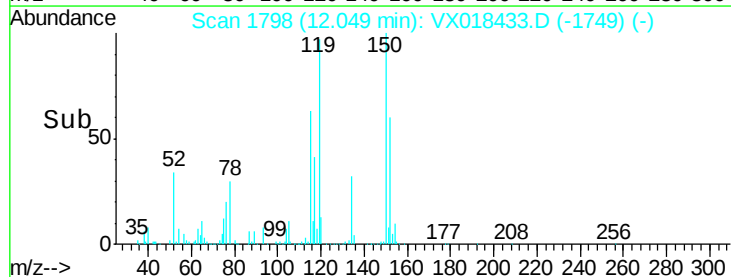
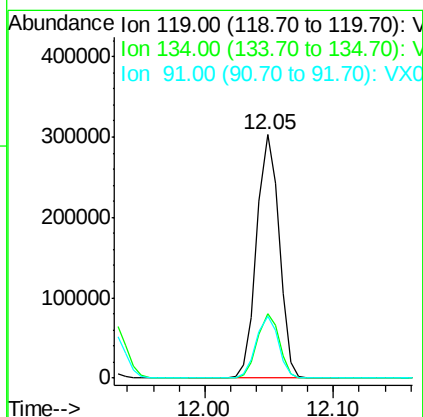
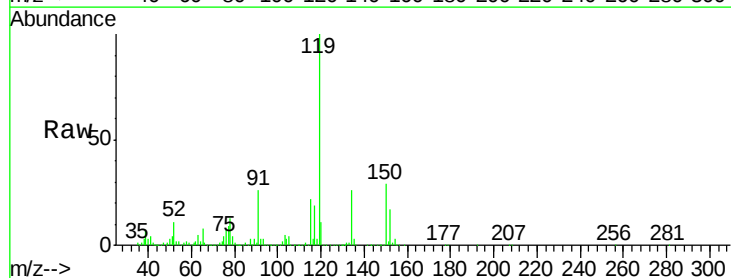
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916MBS01

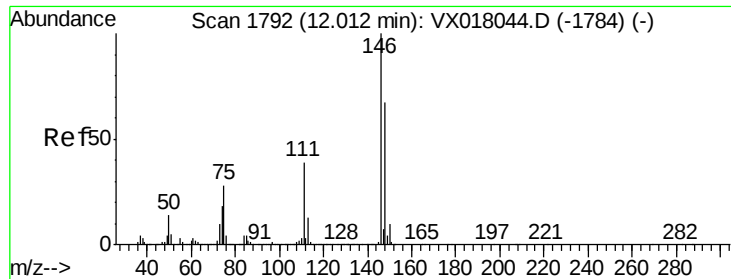
Tgt Ion:105 Resp: 390553
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 20.261 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018433.D
 Acq: 16 Sep 2020 12:00

Tgt Ion:119 Resp: 363081
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 25.4 11.8 35.4

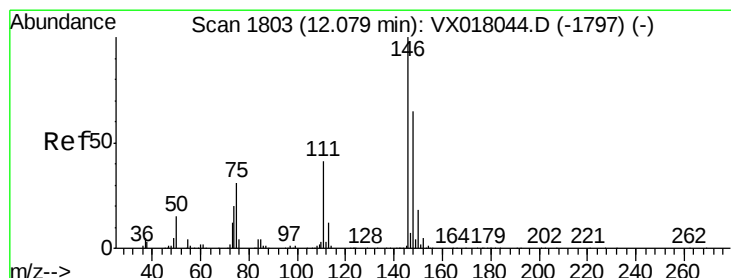
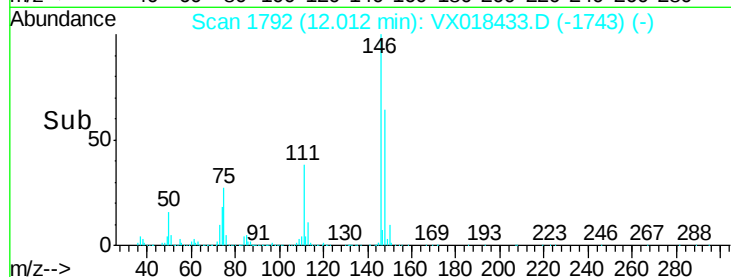
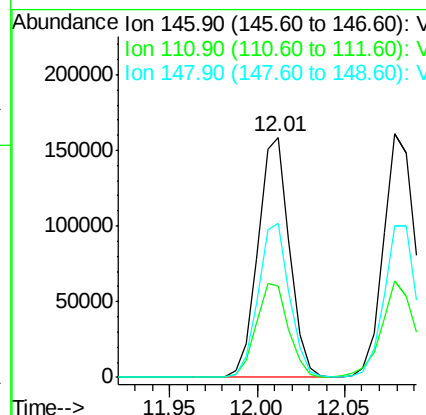
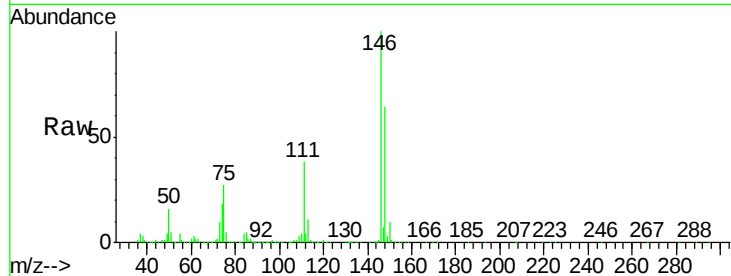




#87
 1,3-Dichlorobenzene
 Concen: 19.342 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018433.D
 Acq: 16 Sep 2020 12:00

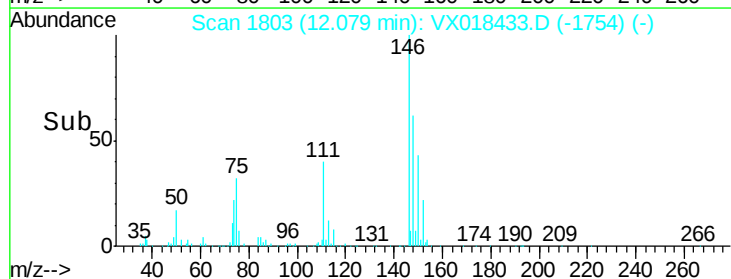
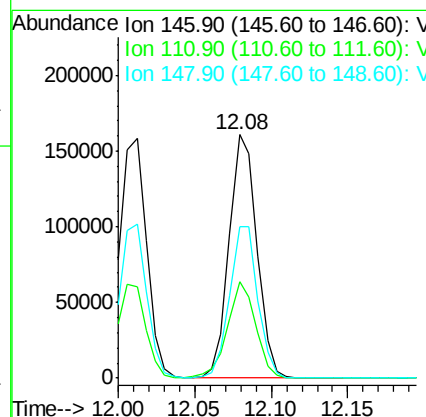
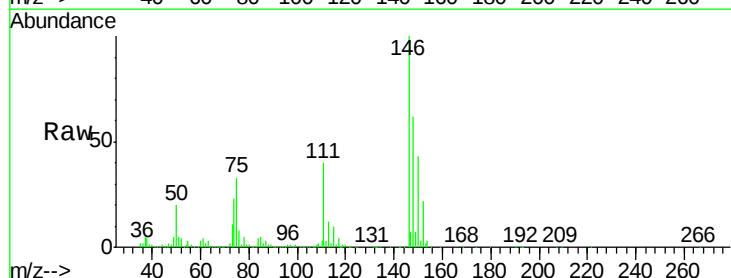
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916MBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.6	61.8
148	63.9	33.1	99.2



#88
 1,4-Dichlorobenzene
 Concen: 19.685 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018433.D
 Acq: 16 Sep 2020 12:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.3	60.8
148	63.3	33.1	99.2

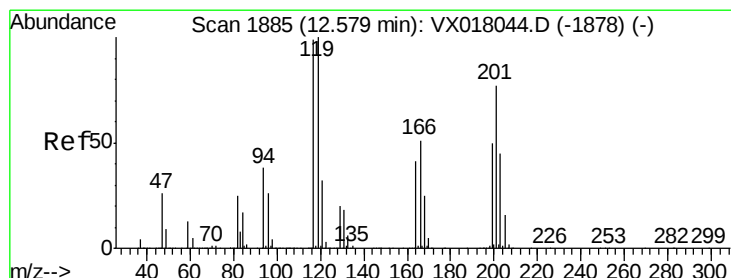
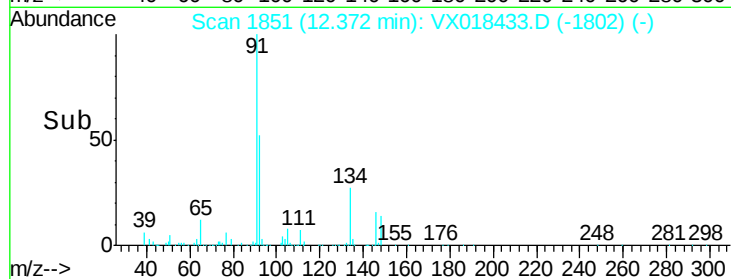
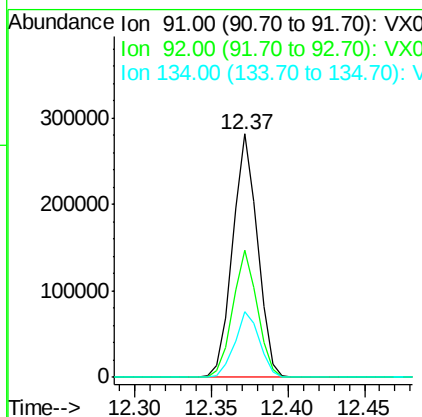
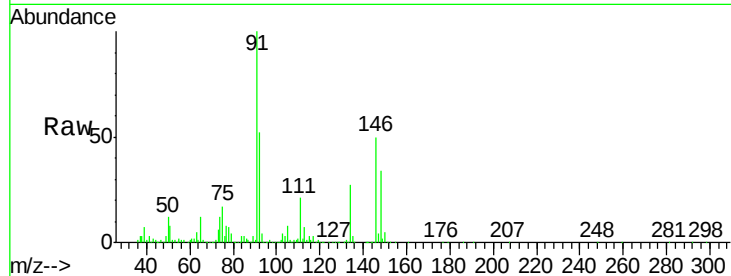




#89
n-Butylbenzene
Concen: 19.382 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018433.D
Acq: 16 Sep 2020 12:00

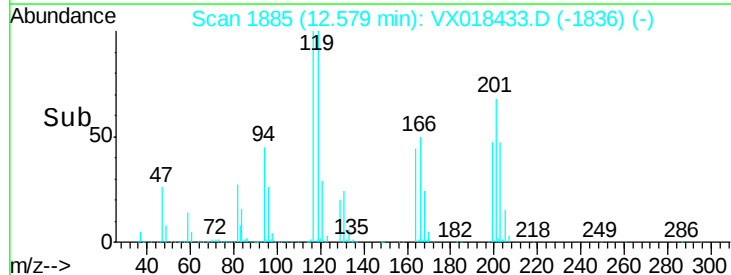
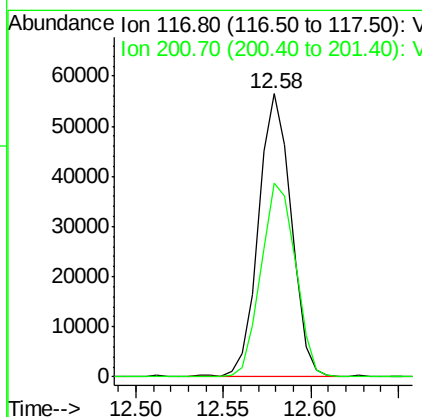
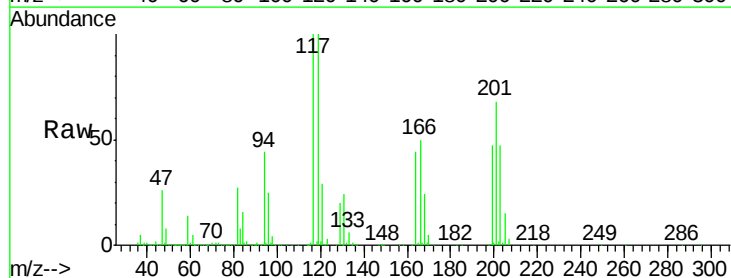
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBS01

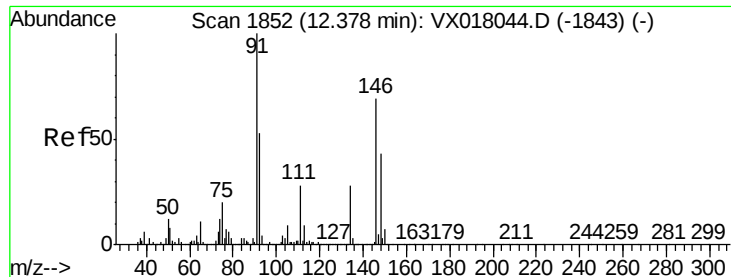
Tgt Ion: 91 Resp: 317024
Ion Ratio Lower Upper
91 100
92 52.0 26.4 79.2
134 27.0 12.9 38.7



#90
Hexachloroethane
Concen: 20.836 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018433.D
Acq: 16 Sep 2020 12:00

Tgt Ion: 117 Resp: 73464
Ion Ratio Lower Upper
117 100
201 72.2 38.5 115.3

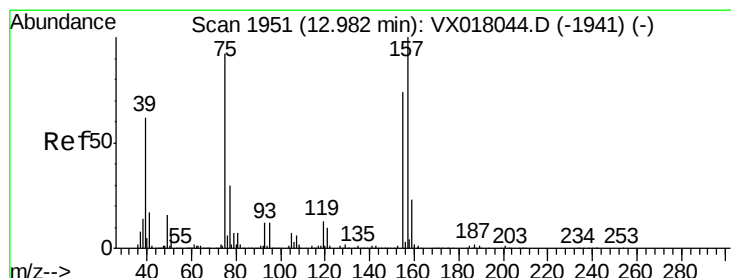
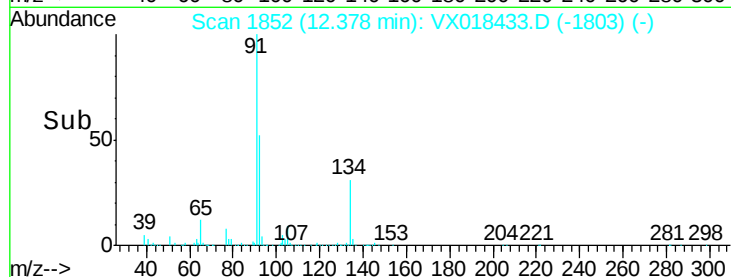
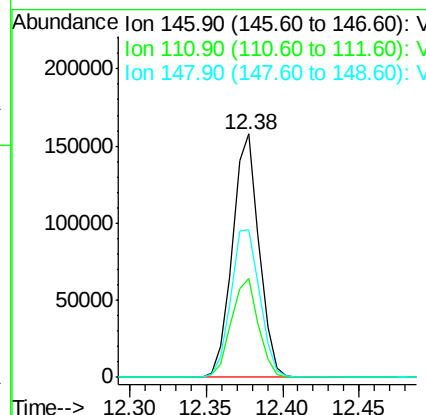
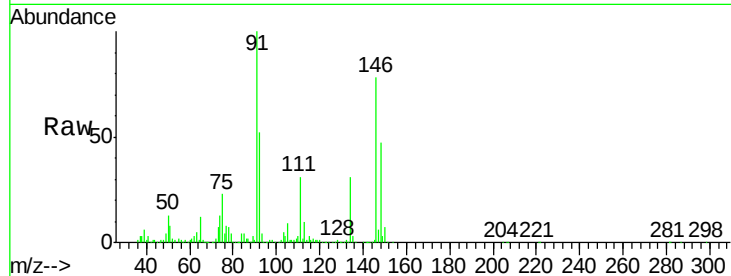




#91
 1,2-Dichlorobenzene
 Concen: 19.759 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018433.D
 Acq: 16 Sep 2020 12:00

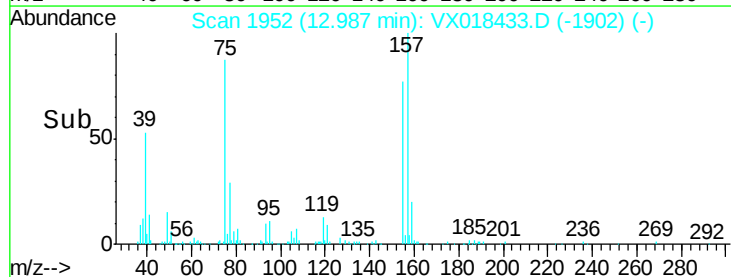
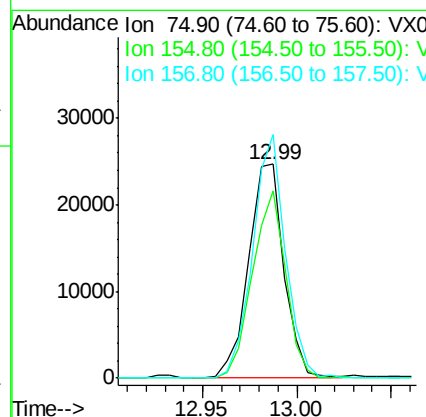
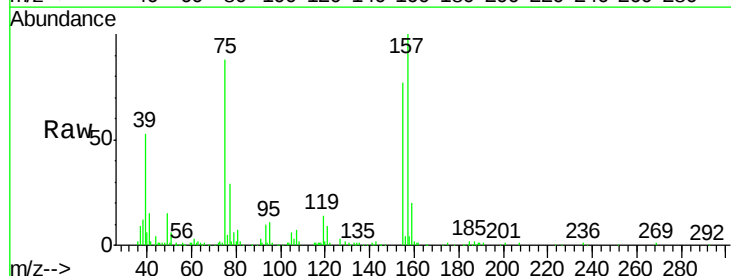
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916MBS01

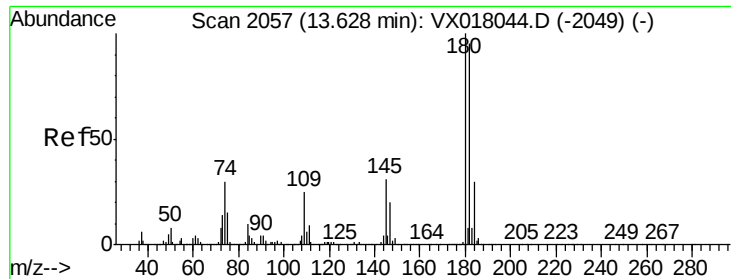
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.8	62.5
148	65.6	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.324 ug/l
 RT: 12.99 min Scan# 1952
 Delta R.T. 0.01 min
 Lab File: VX018433.D
 Acq: 16 Sep 2020 12:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.0	40.2	120.6
157	104.6	55.0	165.2

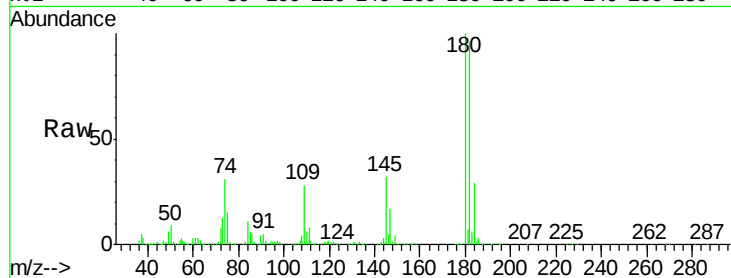




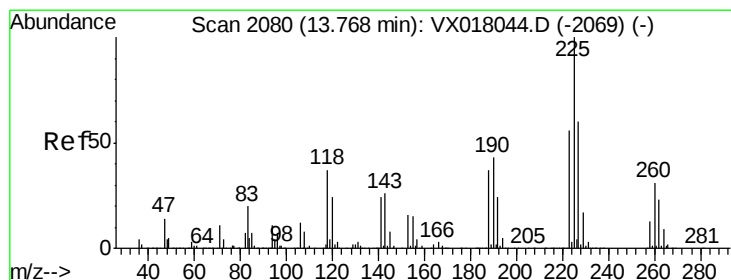
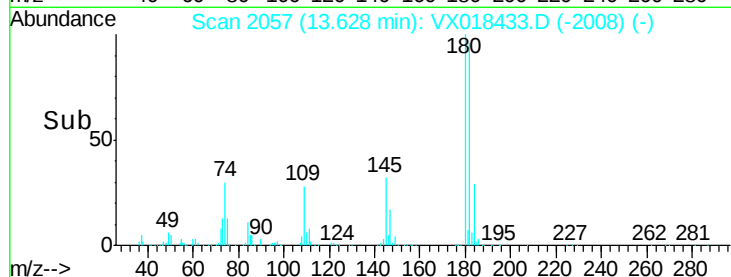
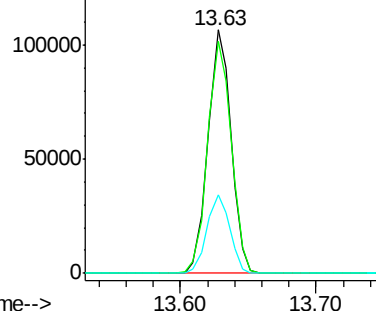
#93
 1,2,4-Trichlorobenzene
 Concen: 19.631 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018433.D
 Acq: 16 Sep 2020 12:00

Instrument :
 MSVOA_X
 ClientSampled :
 VX0916MBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	47.5	142.6
145	31.9	15.7	47.1

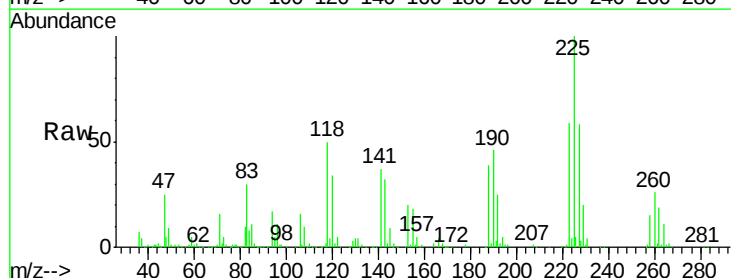


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

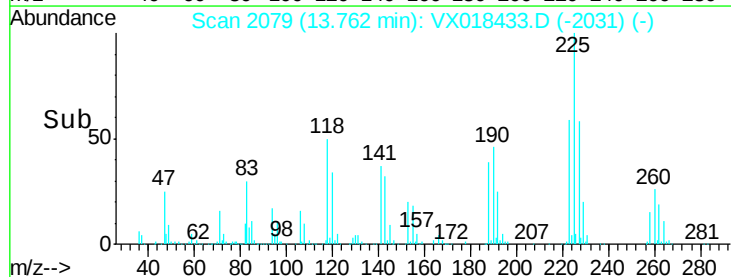
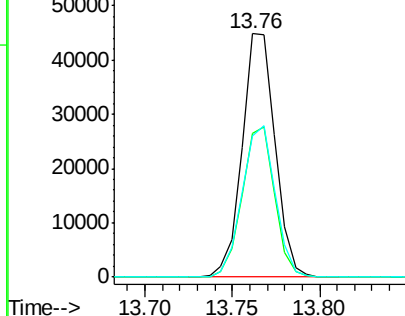


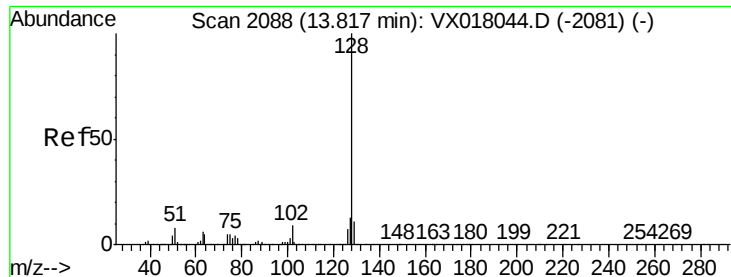
#94
 Hexachlorobutadiene
 Concen: 23.105 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018433.D
 Acq: 16 Sep 2020 12:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.6	30.7	92.1
227	62.0	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

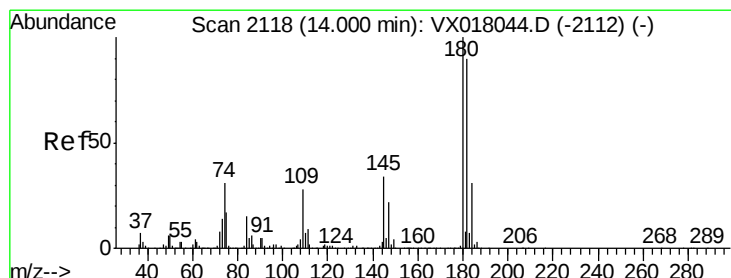
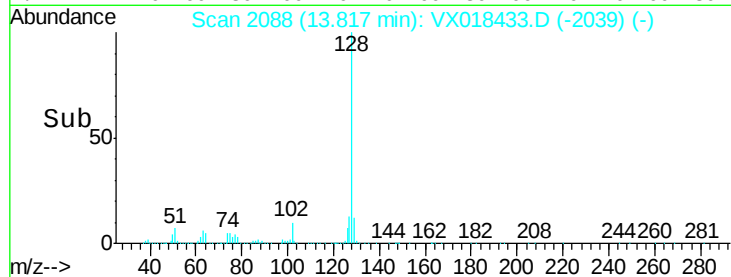
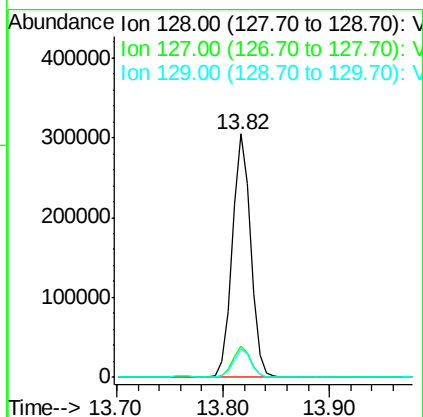
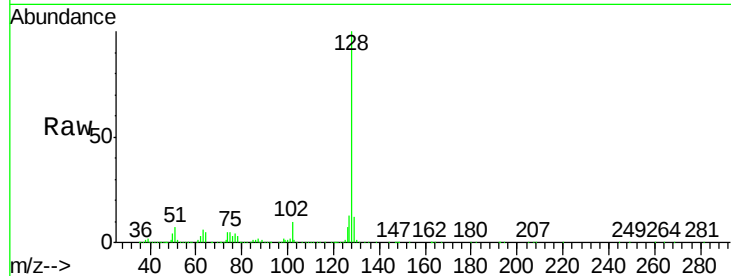




#95
Naphthalene
Concen: 17.457 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018433.D
Acq: 16 Sep 2020 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX0916MBS01

Tgt Ion:128 Resp: 370233
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.592 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018433.D
Acq: 16 Sep 2020 12:00

Tgt Ion:180 Resp: 124753
Ion Ratio Lower Upper
180 100
182 93.2 47.3 142.0
145 33.7 17.5 52.6

