

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091620\
 Data File : VX018437.D
 Acq On : 16 Sep 2020 14:11
 Operator : JC/SP
 Sample : VX0916MBSD01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916MBSD01

Quant Time: Sep 17 04:16:38 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	373971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	580243	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	559712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	293288	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	289883	55.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.68%	
35) Dibromofluoromethane	5.46	113	222626	56.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.68%	
50) Toluene-d8	8.70	98	758698	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
62) 4-Bromofluorobenzene	11.12	95	307122	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	85473	18.772	ug/l	98
3) Chloromethane	1.31	50	80703	16.812	ug/l	98
4) Vinyl Chloride	1.39	62	81905	17.140	ug/l	97
5) Bromomethane	1.64	94	56262	24.410	ug/l	98
6) Chloroethane	1.72	64	51970	20.249	ug/l	94
7) Trichlorofluoromethane	1.92	101	148414	22.777	ug/l	95
8) Diethyl Ether	2.17	74	45692	20.678	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	77355	21.959	ug/l	98
10) Methyl Iodide	2.50	142	68502	21.541	ug/l	99
11) Tert butyl alcohol	3.01	59	84906	84.111	ug/l	96
12) 1,1-Dichloroethene	2.36	96	70045	19.166	ug/l	98
13) Acrolein	2.27	56	41258	98.571	ug/l	97
14) Allyl chloride	2.71	41	131062	19.961	ug/l	97
15) Acrylonitrile	3.11	53	224460	98.025	ug/l	98
16) Acetone	2.42	43	220129	108.814	ug/l	95
17) Carbon Disulfide	2.55	76	180075	16.299	ug/l	99
18) Methyl Acetate	2.75	43	121610	24.911	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	271240	21.641	ug/l	100
20) Methylene Chloride	2.84	84	84439	19.706	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	77348	19.103	ug/l	95
22) Diisopropyl ether	3.82	45	270240	20.853	ug/l	95
23) Vinyl Acetate	3.78	43	1167243	101.224	ug/l	100
24) 1,1-Dichloroethane	3.67	63	149061	20.206	ug/l	98
25) 2-Butanone	4.63	43	316973	95.339	ug/l	98
26) 2,2-Dichloropropane	4.56	77	144482	24.071	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	87986	18.860	ug/l	95
28) Bromochloromethane	4.98	49	66994	18.814	ug/l	98
29) Tetrahydrofuran	5.09	42	197479	93.307	ug/l	98
30) Chloroform	5.18	83	164078	21.480	ug/l	97
31) Cyclohexane	5.55	56	111229	17.900	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	152019	21.687	ug/l	99
36) 1,1-Dichloropropene	5.76	75	109216	20.407	ug/l	98
37) Ethyl Acetate	4.79	43	118097	18.999	ug/l	97
38) Carbon Tetrachloride	5.75	117	137364	22.775	ug/l	93

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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	116073	19.834	ug/l	95
40) Benzene	6.11	78	320291	20.367	ug/l	97
41) Methacrylonitrile	5.00	41	67891	19.892	ug/l	96
42) 1,2-Dichloroethane	6.16	62	139128	23.091	ug/l	100
43) Isopropyl Acetate	6.41	43	204137	20.333	ug/l	98
44) Trichloroethene	7.19	130	90093	20.275	ug/l	98
45) 1,2-Dichloropropane	7.49	63	87713	20.695	ug/l #	88
46) Dibromomethane	7.64	93	62924	21.112	ug/l	96
47) Bromodichloromethane	7.88	83	132743	22.305	ug/l	96
48) Methyl methacrylate	7.74	41	102151	20.439	ug/l	98
49) 1,4-Dioxane	7.71	88	24850	274.488	ug/l #	86
51) 4-Methyl-2-Pentanone	8.62	43	628873	101.404	ug/l	99
52) Toluene	8.76	92	203294	20.387	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	146565	22.221	ug/l	94
54) cis-1,3-Dichloropropene	8.42	75	152287	21.796	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	92523	21.755	ug/l	99
56) Ethyl methacrylate	9.16	69	131294	20.767	ug/l	96
57) 1,3-Dichloropropane	9.35	76	149906	21.371	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	297463	104.590	ug/l	97
59) 2-Hexanone	9.47	43	481778	102.166	ug/l	97
60) Dibromochloromethane	9.56	129	111378	22.325	ug/l	100
61) 1,2-Dibromoethane	9.65	107	100638	21.796	ug/l	98
64) Tetrachloroethene	9.32	164	84177	20.466	ug/l	91
65) Chlorobenzene	10.12	112	237447	21.241	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	98028	22.249	ug/l	97
67) Ethyl Benzene	10.23	91	399586	21.019	ug/l	97
68) m/p-Xylenes	10.34	106	300587	42.363	ug/l	96
69) o-Xylene	10.68	106	146854	21.350	ug/l	98
70) Styrene	10.70	104	246872	21.075	ug/l	98
71) Bromoform	10.84	173	82250	21.886	ug/l #	100
73) Isopropylbenzene	11.00	105	399124	20.631	ug/l	99
74) N-amyl acetate	10.88	43	173904	18.946	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	137819	20.195	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	162580	24.919	ug/l	86
77) Bromobenzene	11.24	156	110643	20.691	ug/l	95
78) n-propylbenzene	11.34	91	462466	21.054	ug/l	97
79) 2-Chlorotoluene	11.40	91	278975	20.557	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	343265	21.593	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	49854	20.638	ug/l	99
82) 4-Chlorotoluene	11.49	91	336649	20.867	ug/l	99
83) tert-Butylbenzene	11.76	119	340107	21.679	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	348674	21.453	ug/l	100
85) sec-Butylbenzene	11.93	105	386455	21.661	ug/l	99
86) p-Isopropyltoluene	12.05	119	361714	22.072	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	196046	20.881	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	199897	21.264	ug/l	98
89) n-Butylbenzene	12.37	91	328097	21.935	ug/l	99
90) Hexachloroethane	12.58	117	71448	22.159	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	193067	21.846	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	33754	19.781	ug/l	94

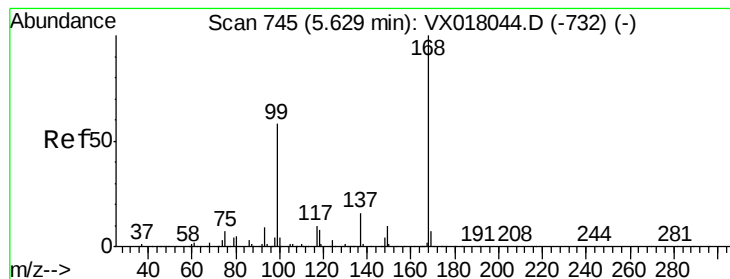
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091620\
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Quant Time: Sep 17 04:16:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	132778	22.530	ug/l	100
94) Hexachlorobutadiene	13.76	225	61040	26.259	ug/l	96
95) Naphthalene	13.82	128	395503	20.392	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	126492	21.722	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: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

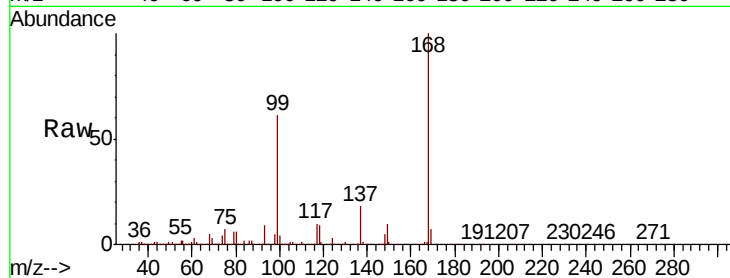
VX0916MBS01

Tot Ion:168 Resp: 373971

Ion Ratio Lower Upper

168 100

99 60.3 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

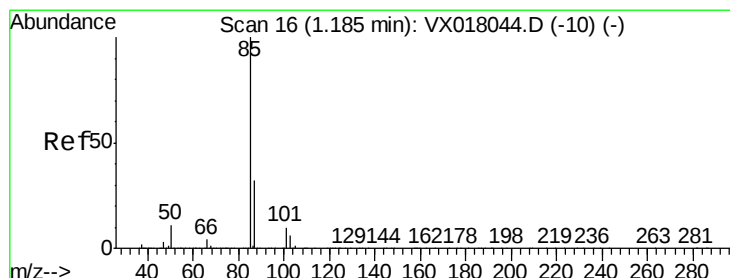
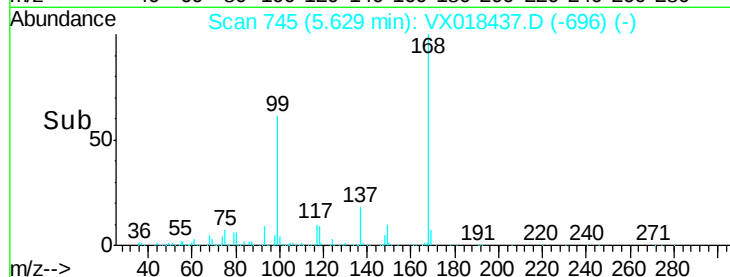
100000

50000

0

Time-->

5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 18.772 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018437.D

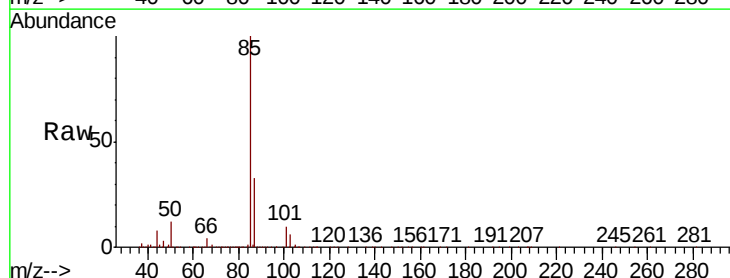
Acq: 16 Sep 2020 14:11

Tgt Ion: 85 Resp: 85473

Ion Ratio Lower Upper

85 100

87 33.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

100000

80000

60000

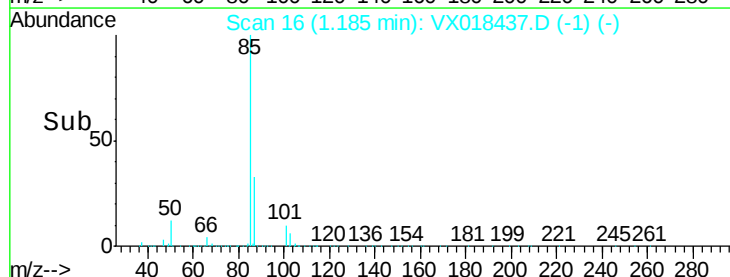
40000

20000

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Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 16.812 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

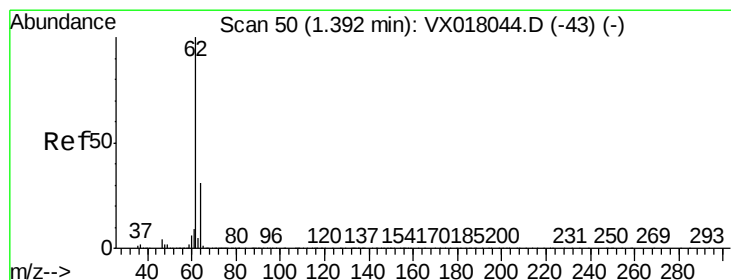
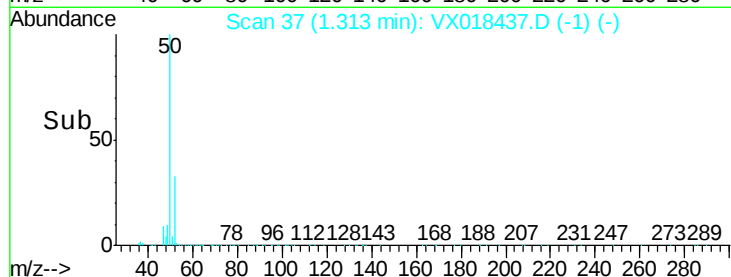
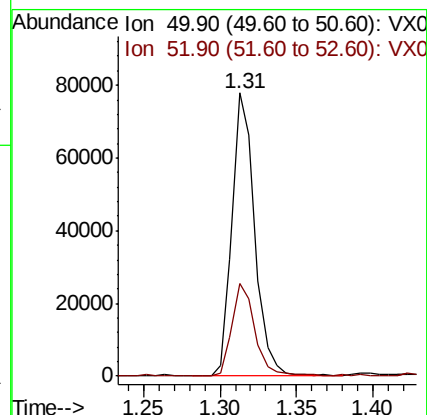
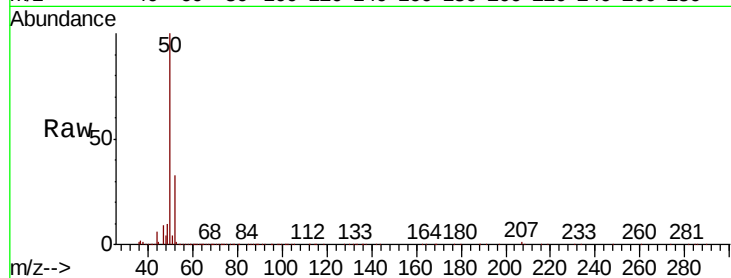
VX0916MBSD01

Tot Ion: 50 Resp: 80703

Ion Ratio Lower Upper

50 100

52 32.7 25.4 38.2



#4

Vinyl Chloride

Concen: 17.140 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018437.D

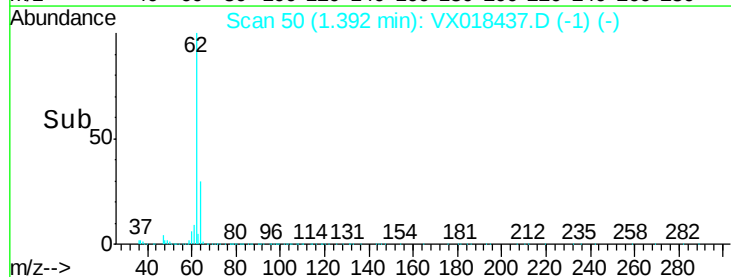
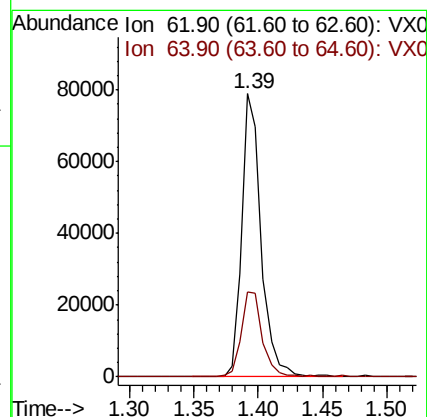
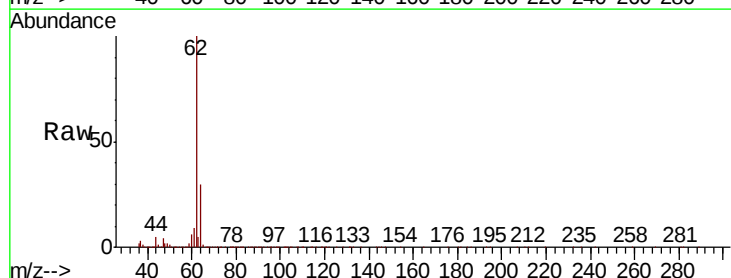
Acq: 16 Sep 2020 14:11

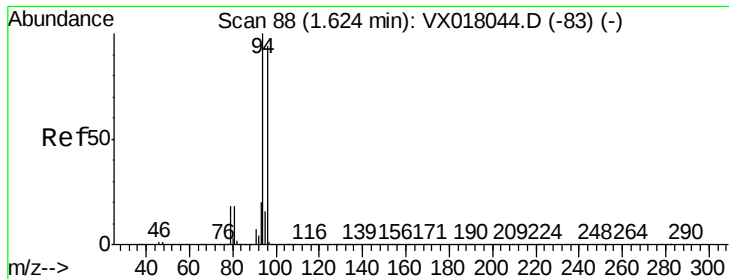
Tgt Ion: 62 Resp: 81905

Ion Ratio Lower Upper

62 100

64 29.8 25.1 37.7





#5

Bromomethane

Concen: 24.410 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

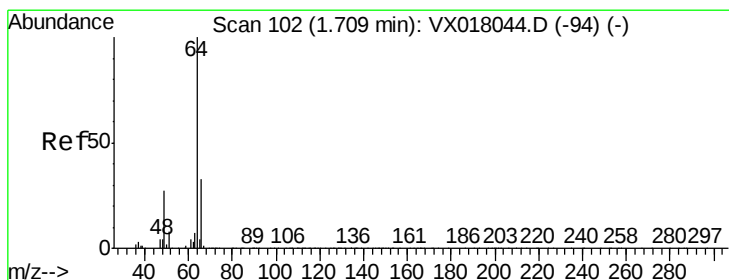
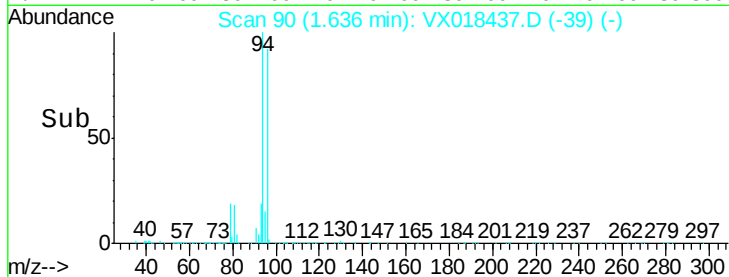
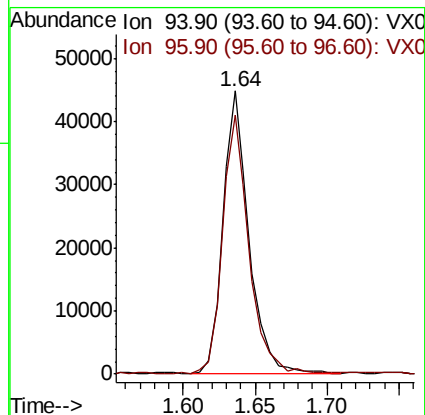
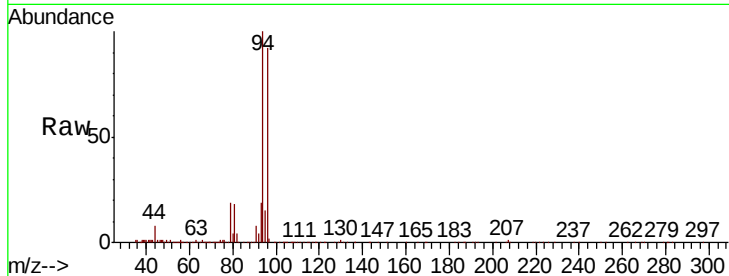
VX0916MBSD01

Tot Ion: 94 Resp: 56262

Ion Ratio Lower Upper

94 100

96 91.6 74.8 112.2



#6

Chloroethane

Concen: 20.249 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018437.D

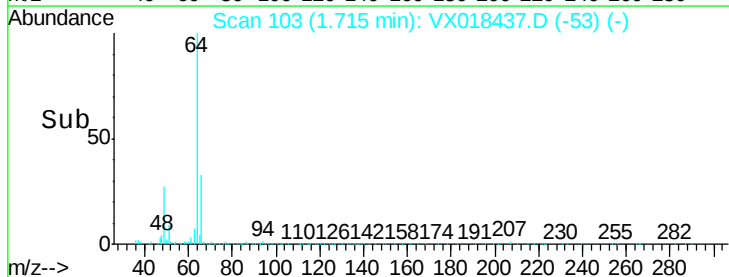
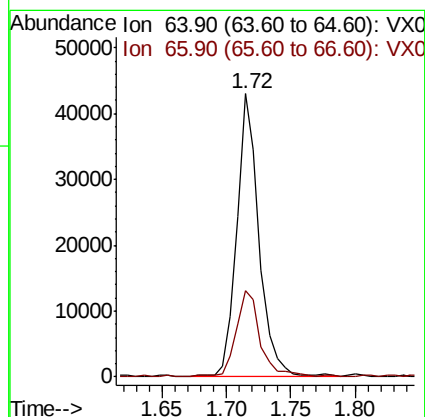
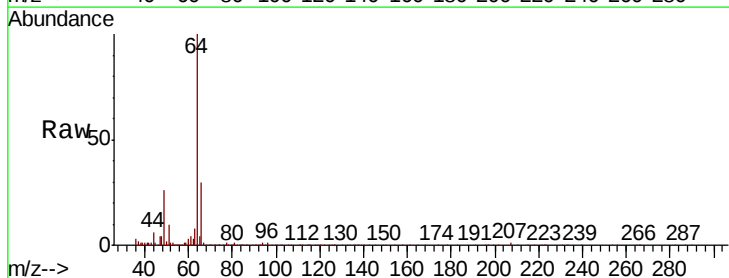
Acq: 16 Sep 2020 14:11

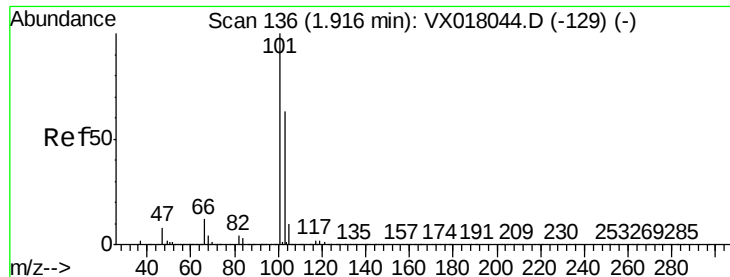
Tgt Ion: 64 Resp: 51970

Ion Ratio Lower Upper

64 100

66 30.0 26.6 39.8



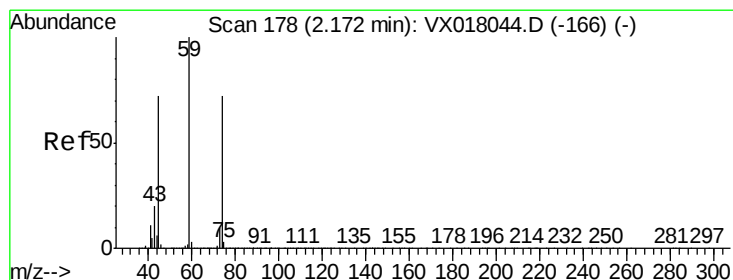
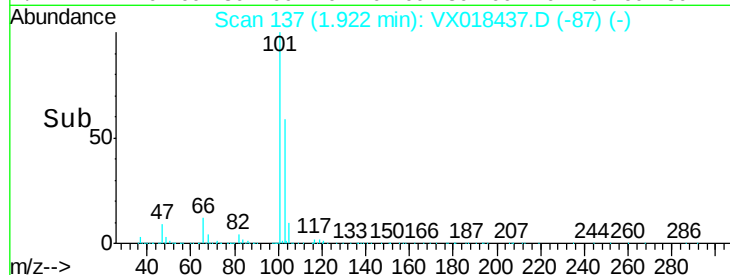
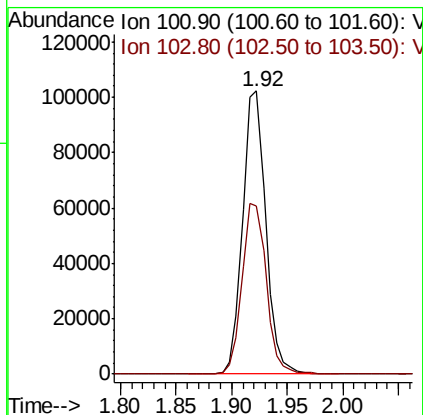
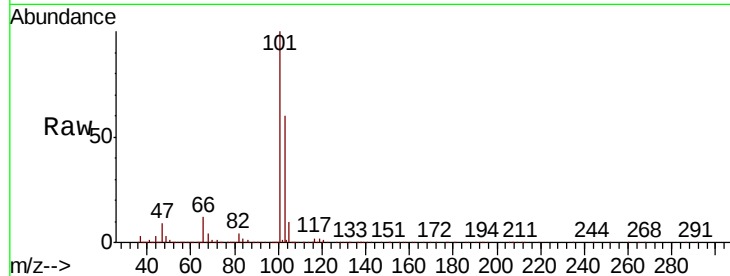


#7

Trichlorofluoromethane
Concen: 22.777 ug/l
RT: 1.92 min Scan# 137
Delta R.T. 0.01 min
Lab File: VX018437.D
Acq: 16 Sep 2020 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0916MBS01

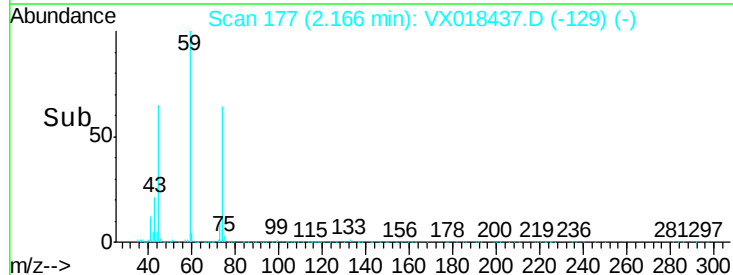
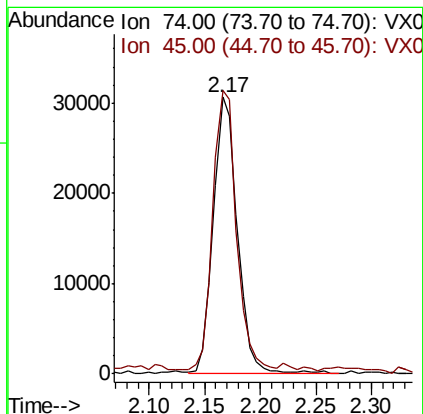
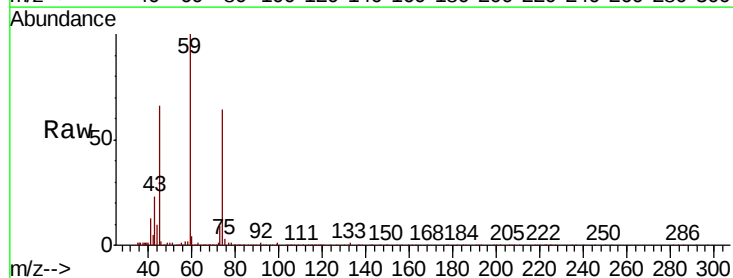
Tot Ion:101 Resp: 148414
Ion Ratio Lower Upper
101 100
103 59.6 50.7 76.1

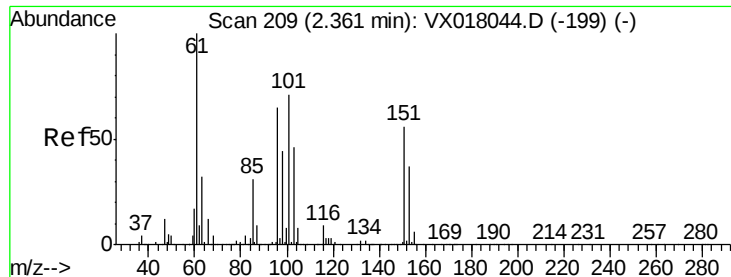


#8

Diethyl Ether
Concen: 20.678 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018437.D
Acq: 16 Sep 2020 14:11

Tgt Ion: 74 Resp: 45692
Ion Ratio Lower Upper
74 100
45 99.3 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.959 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0916MBSD01

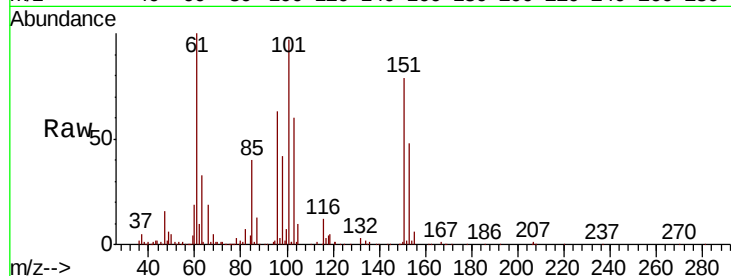
Tot Ion:101 Resp: 77355

Ion Ratio Lower Upper

101 100

85 44.9 34.0 51.0

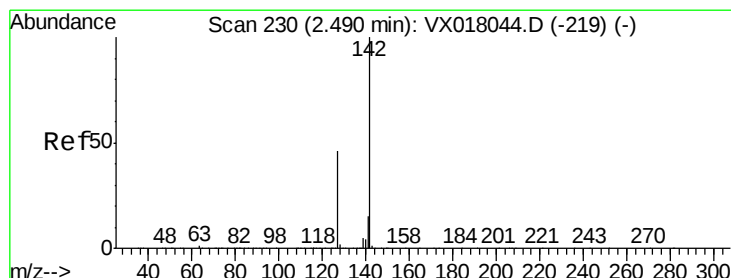
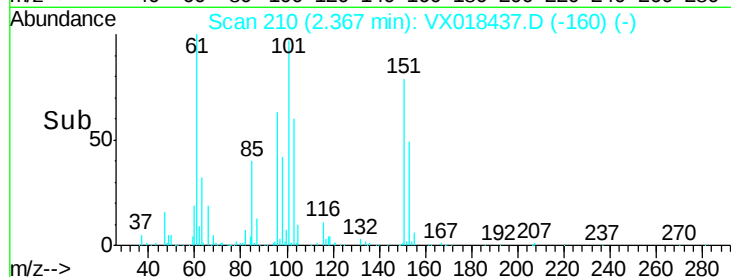
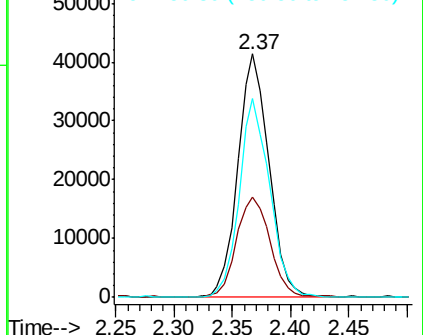
151 80.0 65.2 97.8



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: 21.541 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

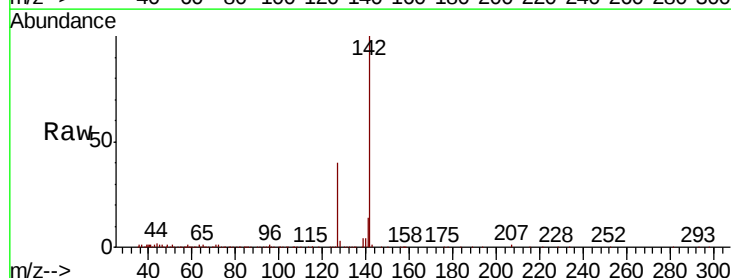
Tgt Ion:142 Resp: 68502

Ion Ratio Lower Upper

142 100

127 46.8 37.0 55.6

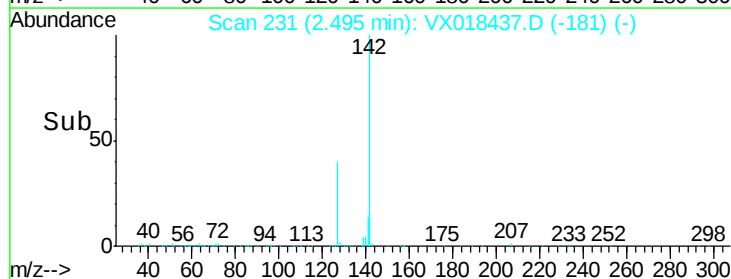
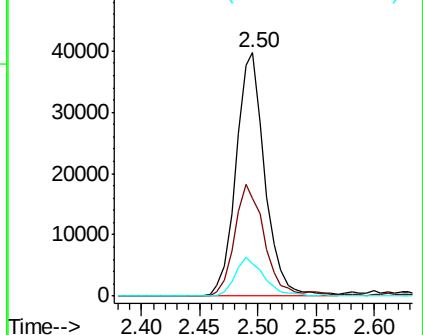
141 15.9 11.5 17.3

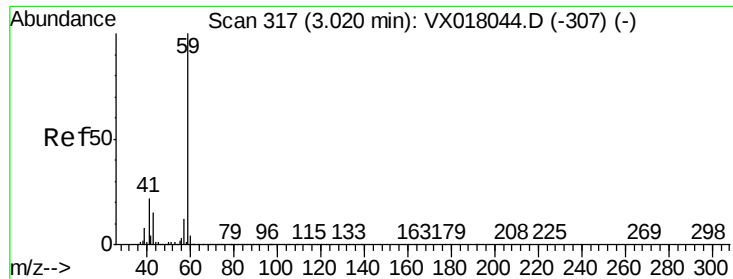


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

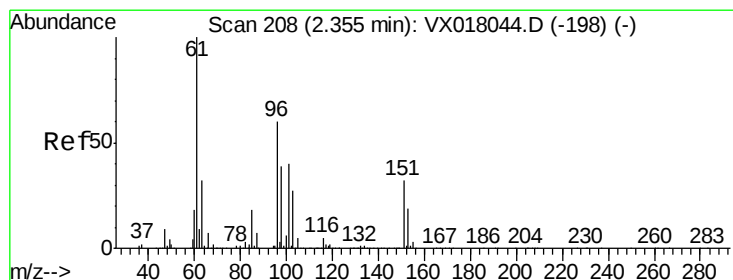
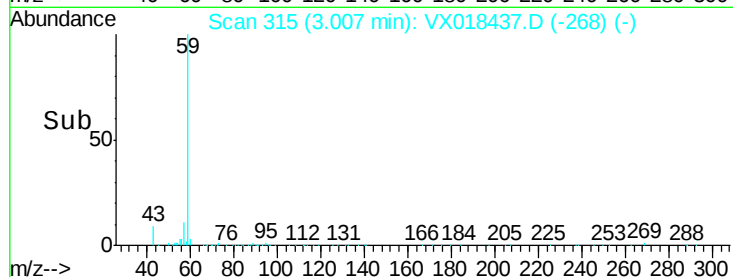
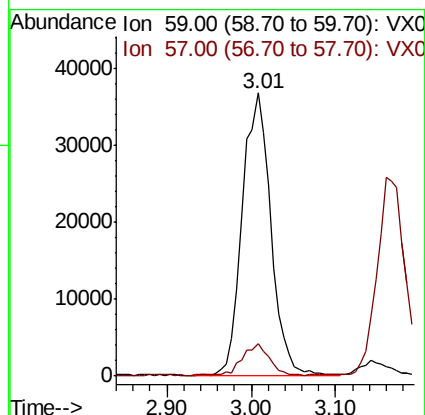
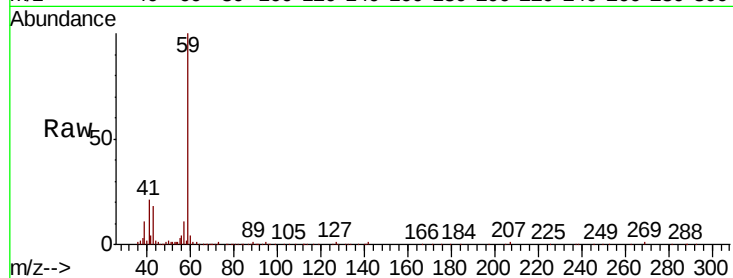




#11
Tert butyl alcohol
Concen: 84.111 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX018437.D
Acq: 16 Sep 2020 14:11

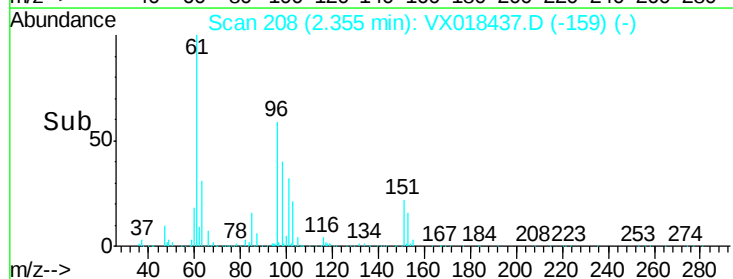
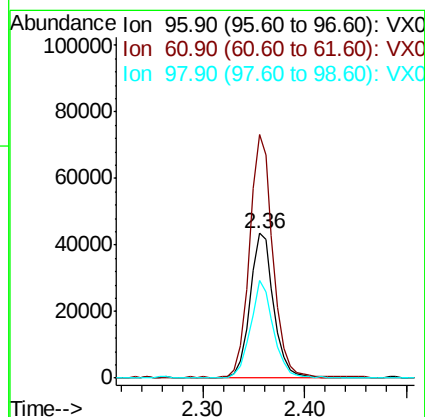
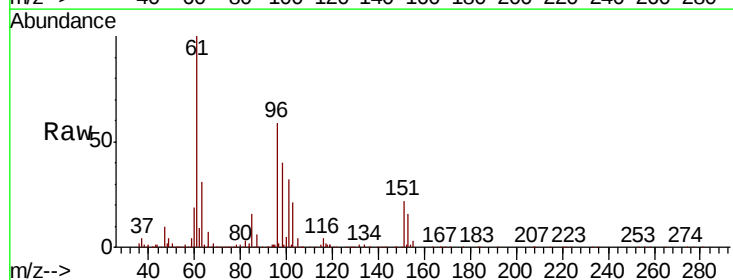
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBSD01

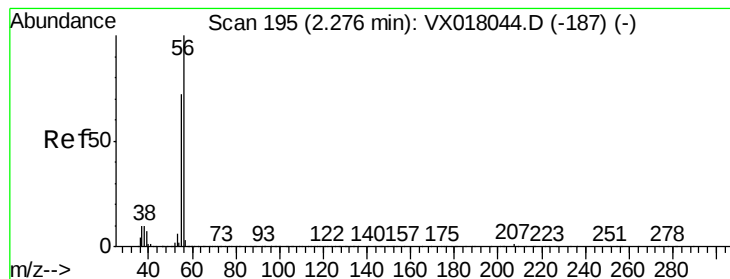
Tot Ion: 59 Resp: 84906
Ion Ratio Lower Upper
59 100
57 9.4 8.9 13.3



#12
1,1-Dichloroethene
Concen: 19.166 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018437.D
Acq: 16 Sep 2020 14:11

Tgt Ion: 96 Resp: 70045
Ion Ratio Lower Upper
96 100
61 167.8 133.0 199.4
98 67.2 51.6 77.4





#13

Acrolein

Concen: 98.571 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

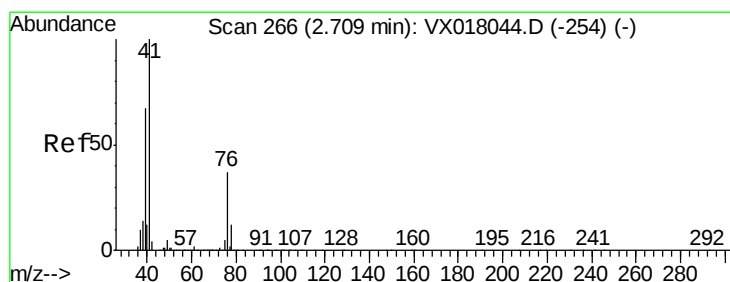
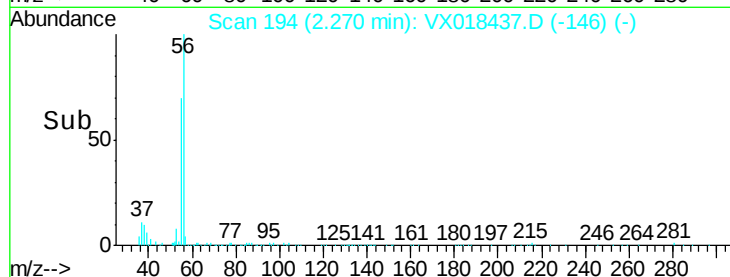
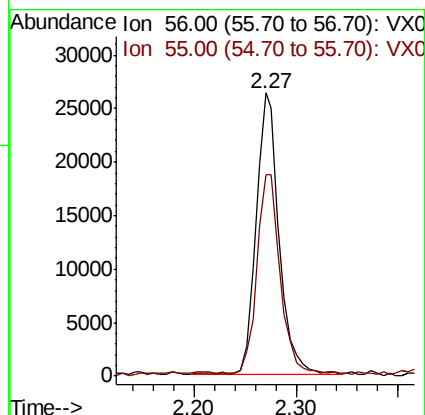
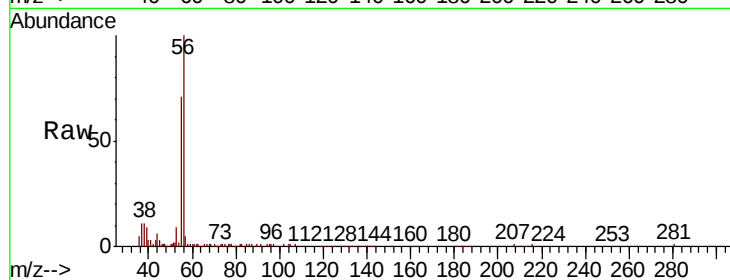
VX0916MBSD01

Tot Ion: 56 Resp: 41258

Ion Ratio Lower Upper

56 100

55 73.9 57.0 85.6



#14

Allyl chloride

Concen: 19.961 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

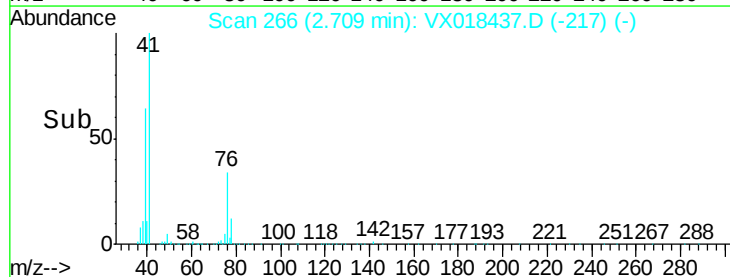
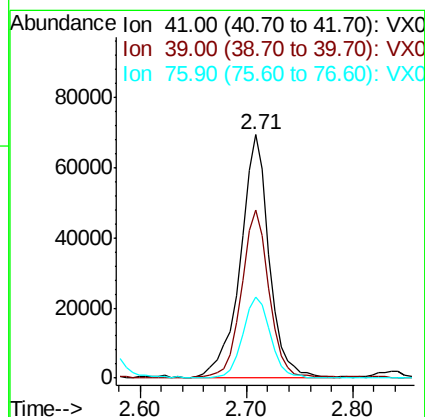
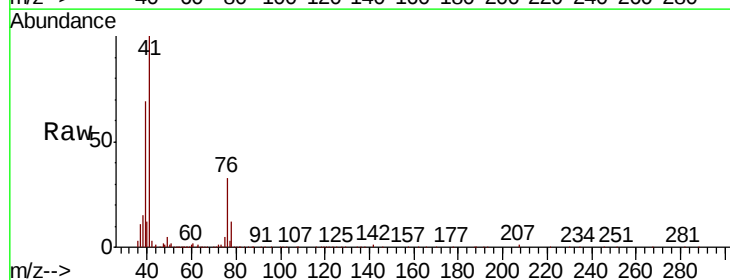
Tgt Ion: 41 Resp: 131062

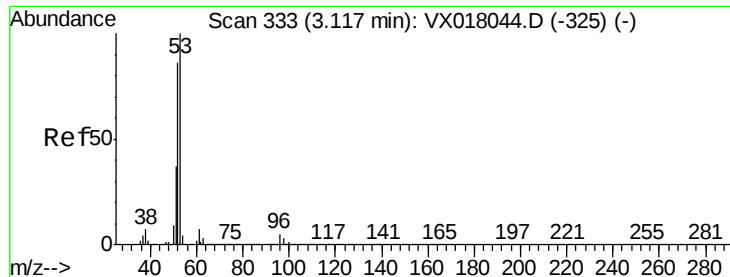
Ion Ratio Lower Upper

41 100

39 66.3 50.6 76.0

76 32.4 26.2 39.2





#15

Acrylonitrile

Concen: 98.025 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0916MBSD01

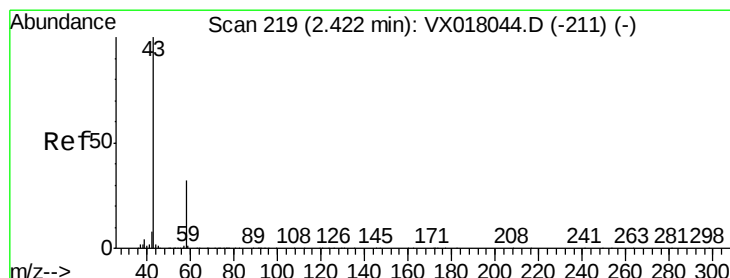
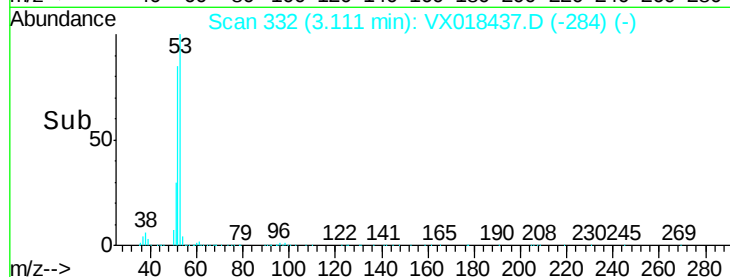
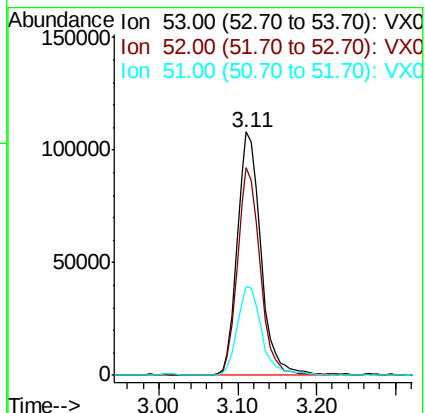
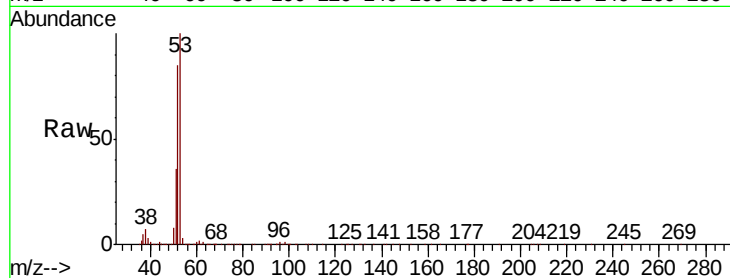
Tot Ion: 53 Resp: 224460

Ion Ratio Lower Upper

53 100

52 81.9 66.9 100.3

51 37.6 28.7 43.1



#16

Acetone

Concen: 108.814 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX018437.D

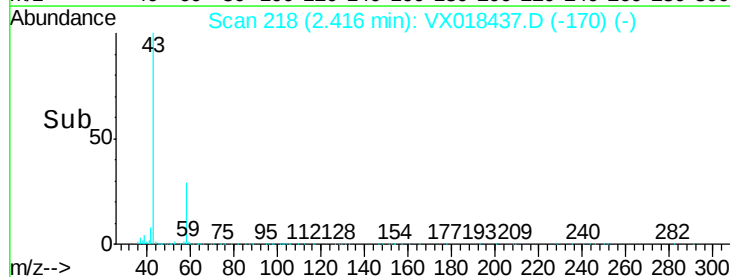
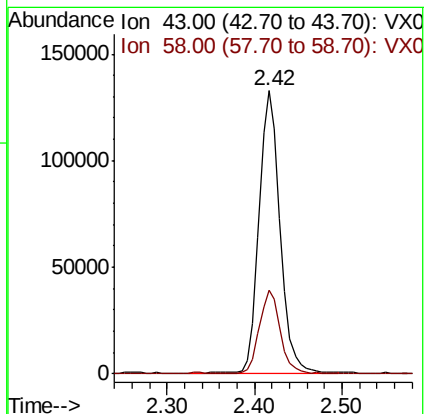
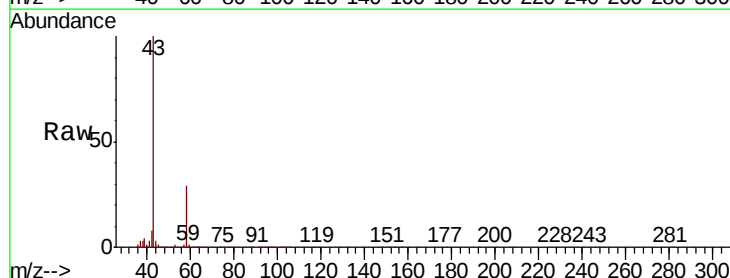
Acq: 16 Sep 2020 14:11

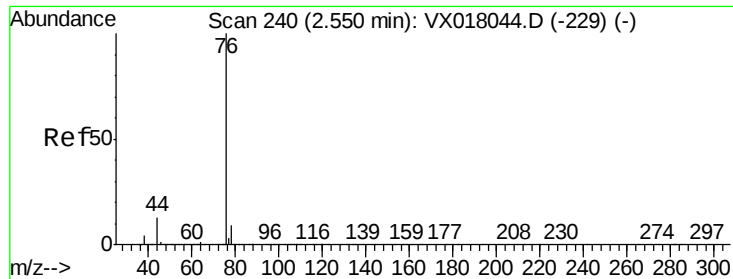
Tgt Ion: 43 Resp: 220129

Ion Ratio Lower Upper

43 100

58 29.1 25.5 38.3





#17

Carbon Disulfide

Concen: 16.299 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

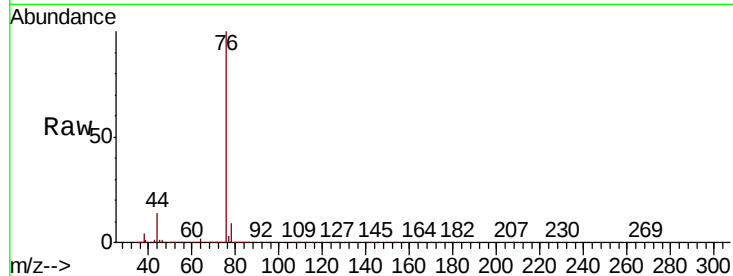
VX0916MBSD01

Tot Ion: 76 Resp: 180075

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

120000

100000

80000

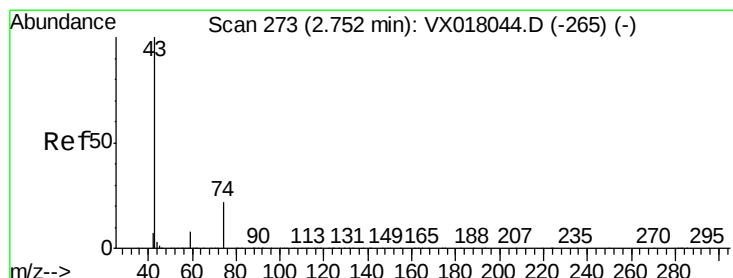
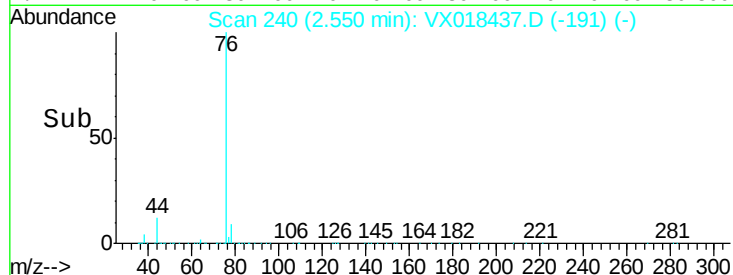
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 24.911 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX018437.D

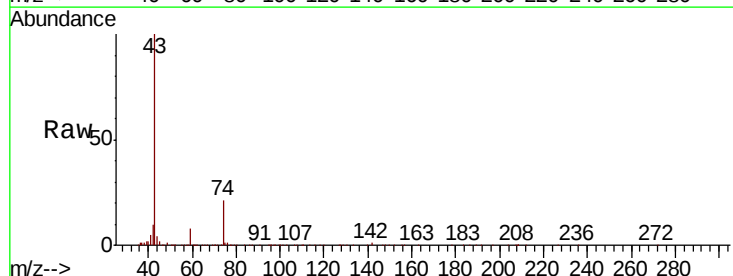
Acq: 16 Sep 2020 14:11

Tgt Ion: 43 Resp: 121610

Ion Ratio Lower Upper

43 100

74 23.9 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

80000

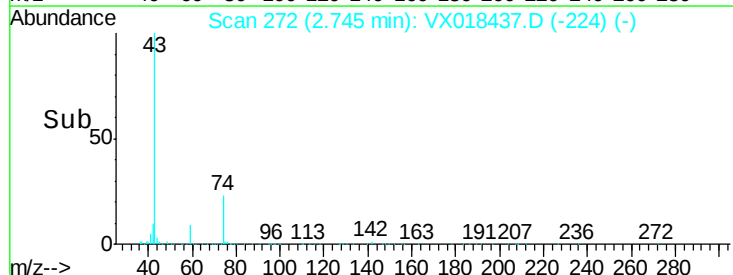
60000

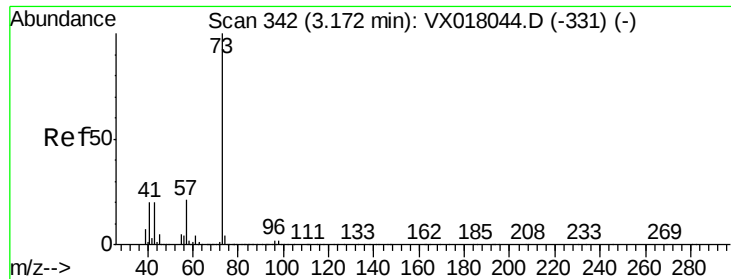
40000

20000

0

Time-->



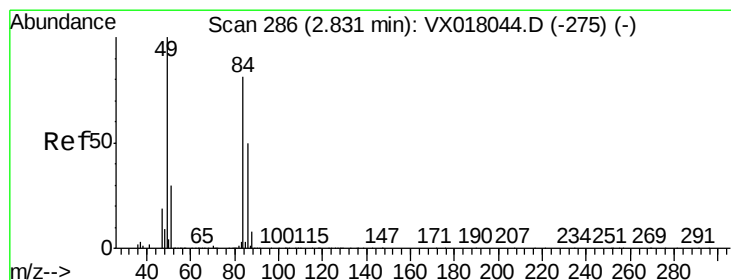
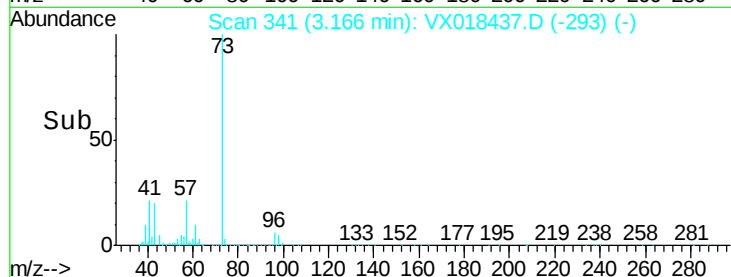
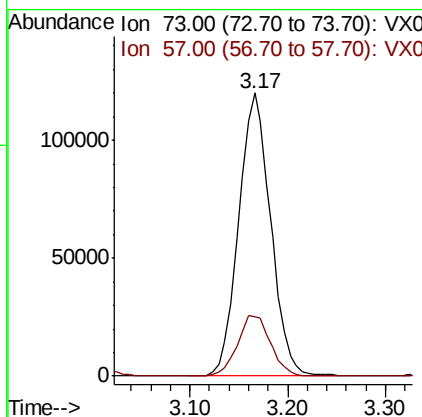
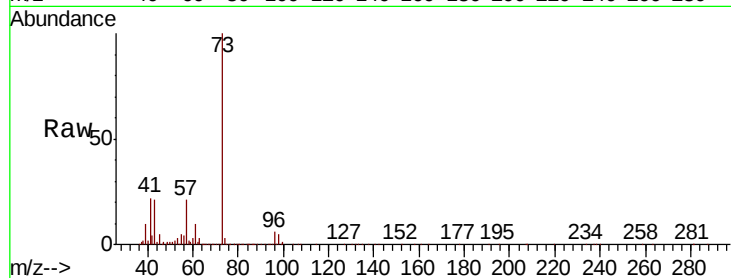


#19

Methyl tert-butyl Ether
 Concen: 21.641 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX018437.D
 Acq: 16 Sep 2020 14:11

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0916MBSD01

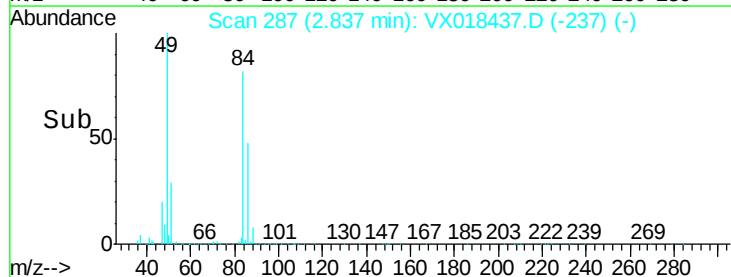
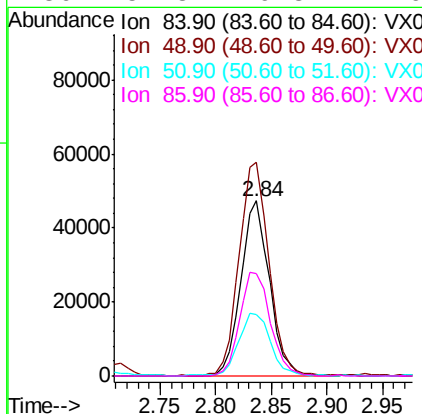
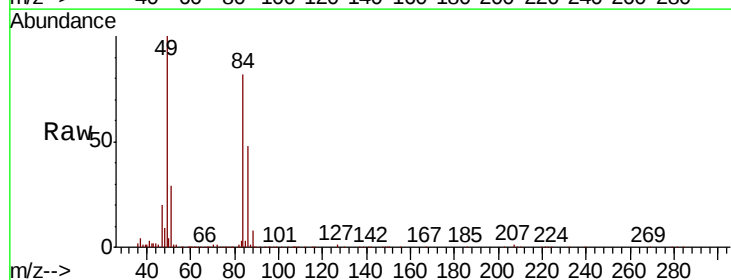
Tot Ion: 73 Resp: 271240
 Ion Ratio Lower Upper
 73 100
 57 21.0 16.8 25.2

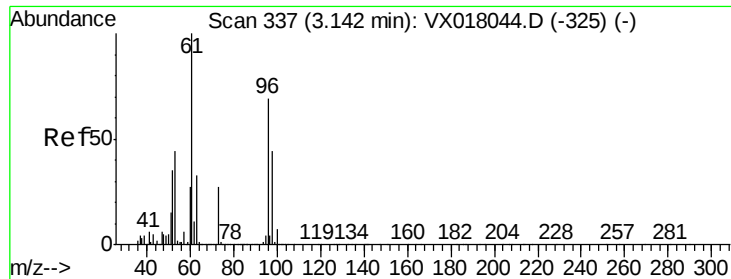


#20

Methylene Chloride
 Concen: 19.706 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: VX018437.D
 Acq: 16 Sep 2020 14:11

Tgt Ion: 84 Resp: 84439
 Ion Ratio Lower Upper
 84 100
 49 121.8 98.6 148.0
 51 34.7 29.6 44.4
 86 57.8 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 19.103 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0916MBSD01

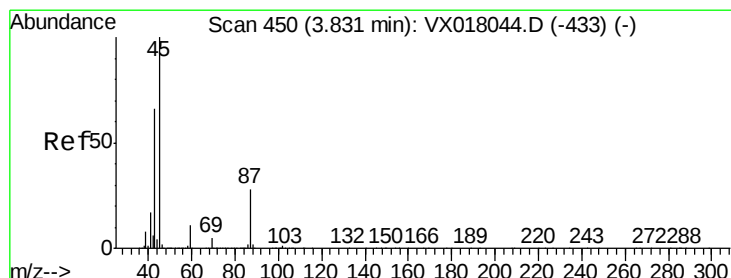
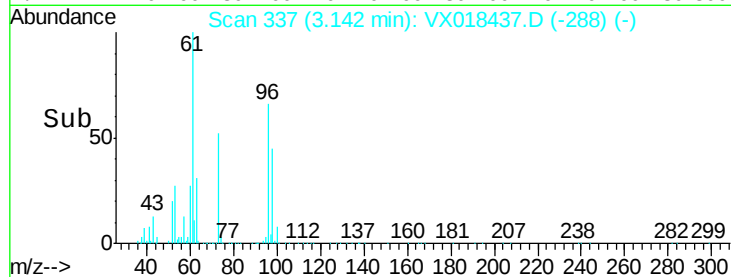
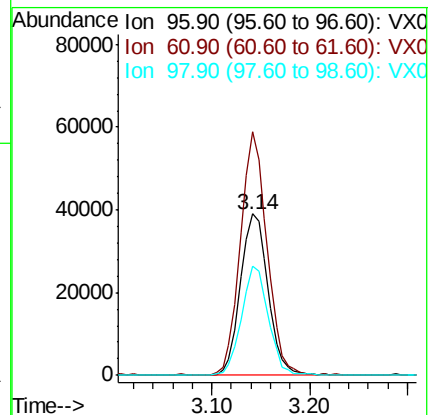
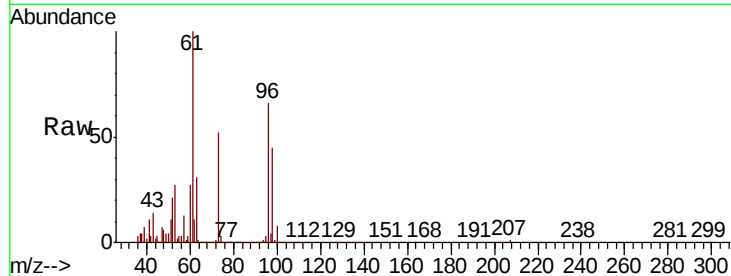
Tot Ion: 96 Resp: 77348

Ion Ratio Lower Upper

96 100

61 150.4 115.4 173.0

98 67.2 51.1 76.7



#22

Diisopropyl ether

Concen: 20.853 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Tgt Ion: 45 Resp: 270240

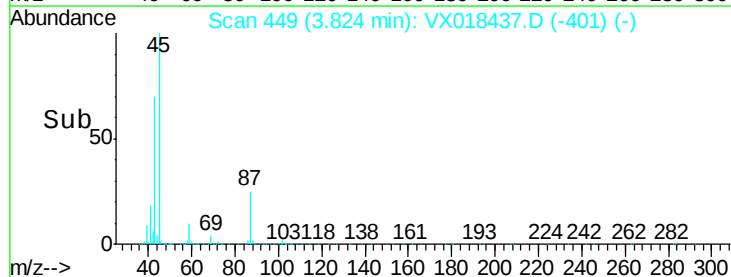
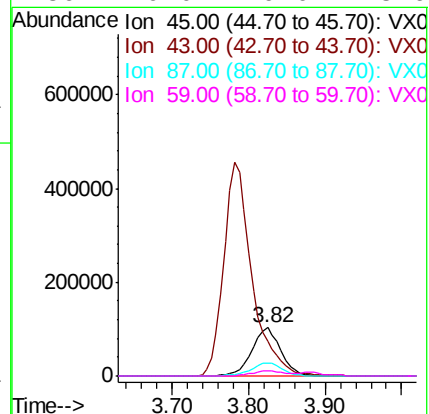
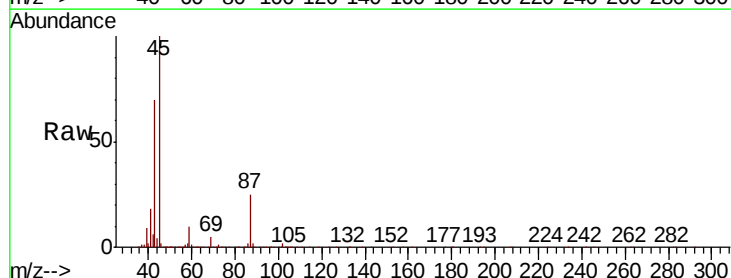
Ion Ratio Lower Upper

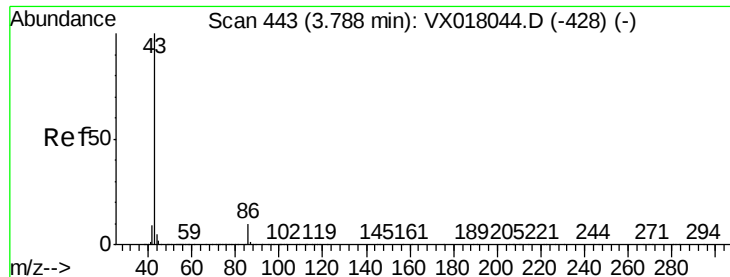
45 100

43 70.2 52.8 79.2

87 25.3 22.5 33.7

59 10.0 9.0 13.6





#23

Vinyl Acetate

Concen: 101.224 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

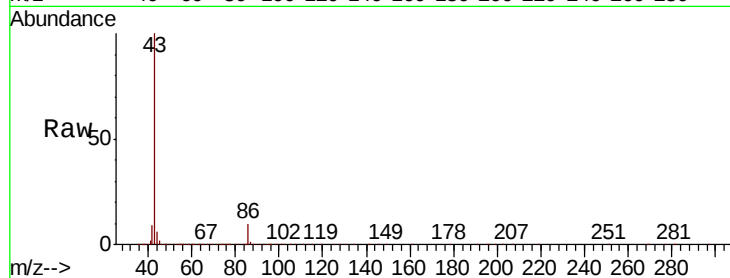
VX0916MBSD01

Tot Ion: 43 Resp: 1167243

Ion Ratio Lower Upper

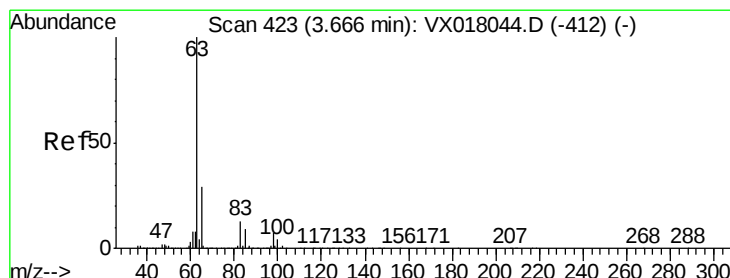
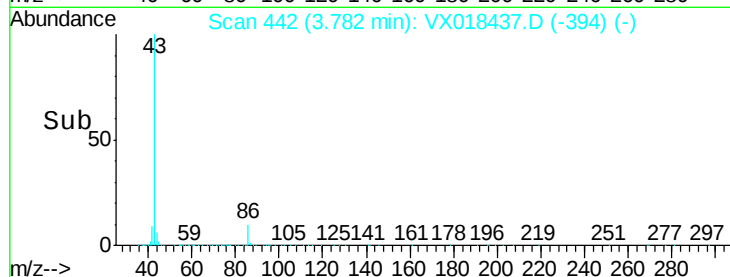
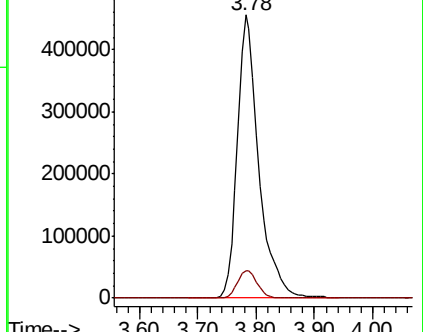
43 100

86 9.7 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.206 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

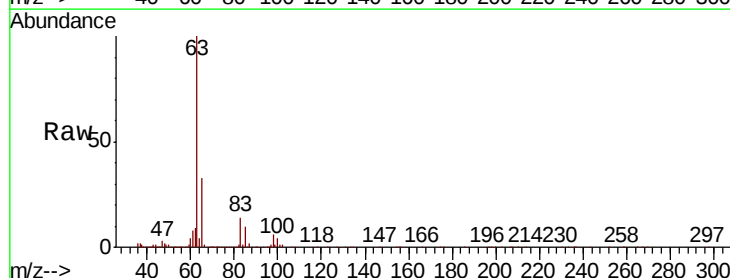
Tgt Ion: 63 Resp: 149061

Ion Ratio Lower Upper

63 100

98 6.3 3.6 10.8

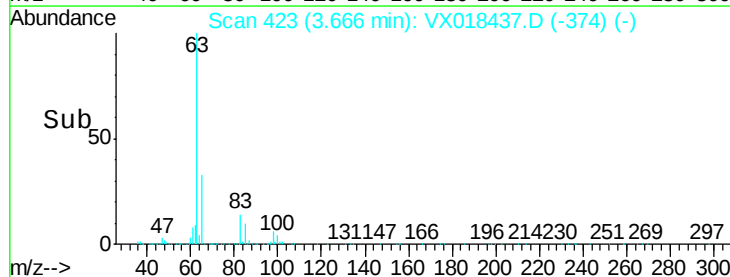
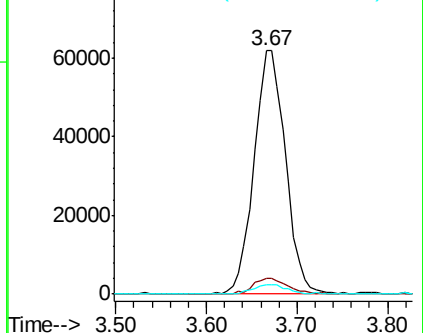
100 3.8 2.0 6.0

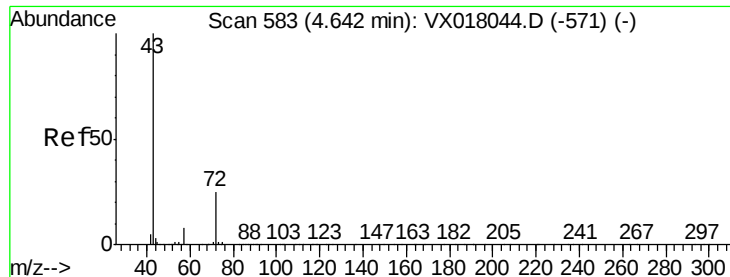


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 95.339 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

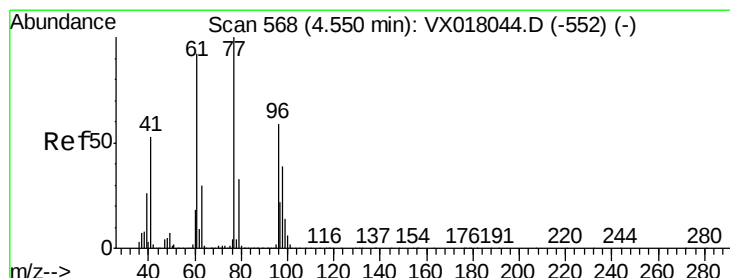
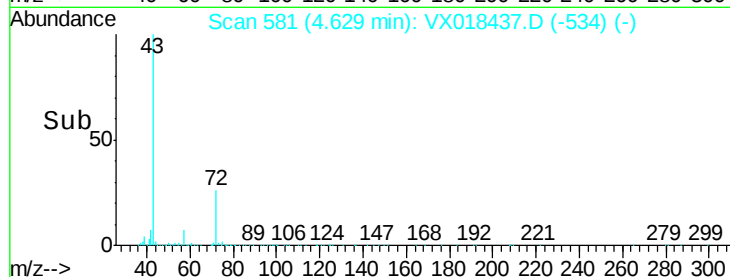
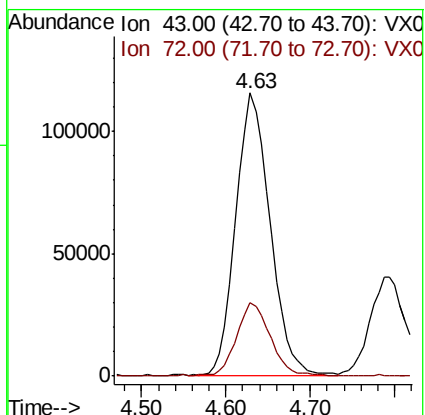
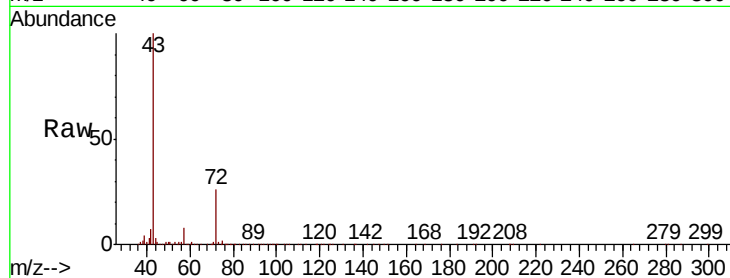
VX0916MBSD01

Tot Ion: 43 Resp: 316973

Ion Ratio Lower Upper

43 100

72 25.7 19.8 29.6



#26

2,2-Dichloropropane

Concen: 24.071 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX018437.D

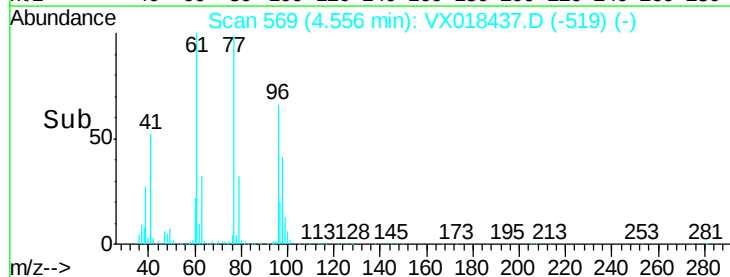
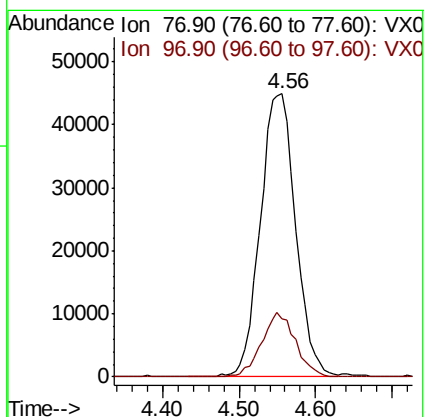
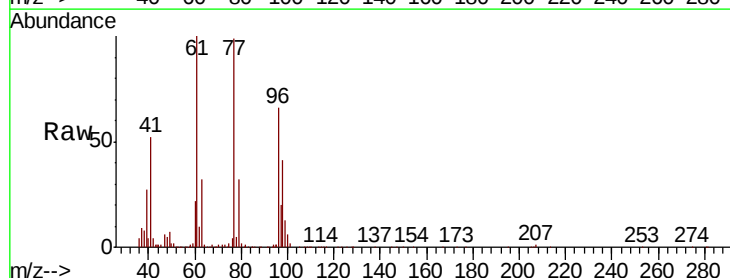
Acq: 16 Sep 2020 14:11

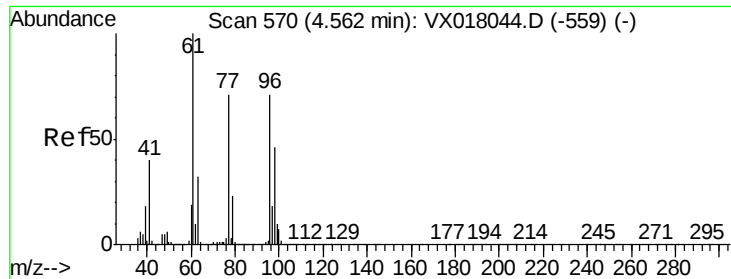
Tgt Ion: 77 Resp: 144482

Ion Ratio Lower Upper

77 100

97 21.7 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 18.860 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

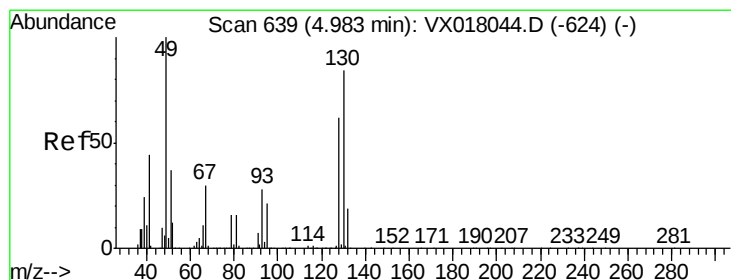
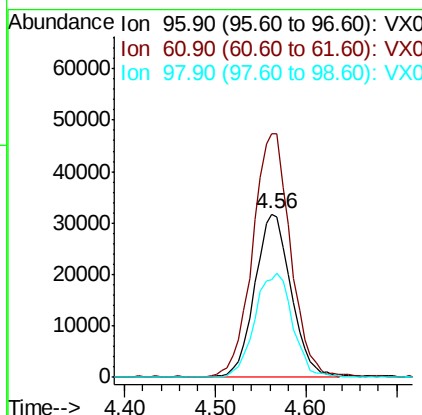
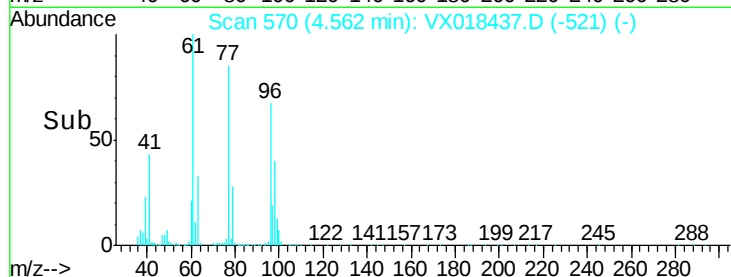
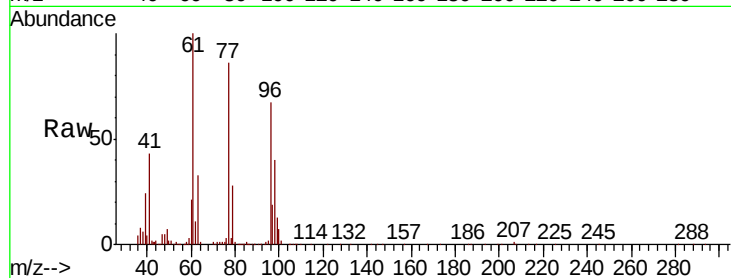
Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0916MBSD01

Tot Ion: 96 Resp: 87986

Ion	Ratio	Lower	Upper
96	100		
61	155.8	0.0	296.6
98	66.4	0.0	130.2



#28

Bromochloromethane

Concen: 18.814 ug/l

RT: 4.98 min Scan# 638

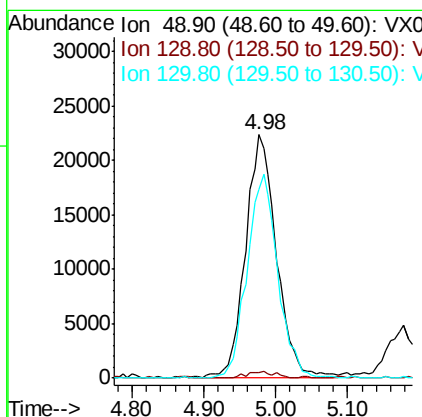
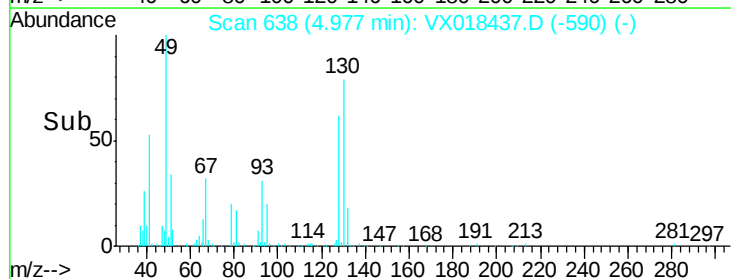
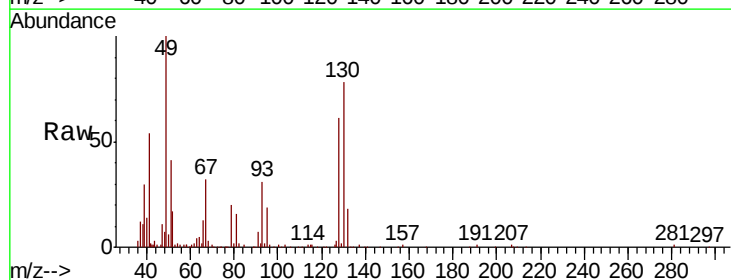
Delta R.T. -0.01 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Tgt Ion: 49 Resp: 66994

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.6
130	82.3	64.6	96.8

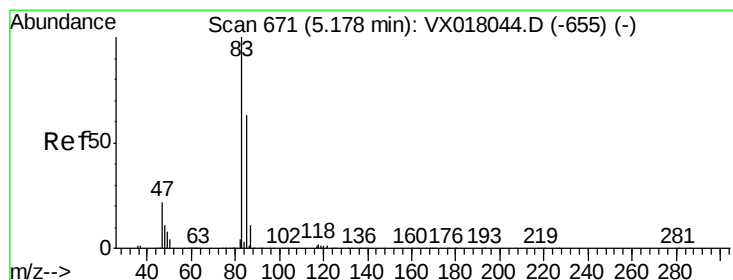
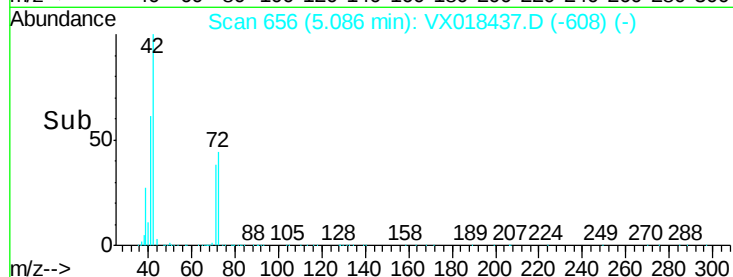
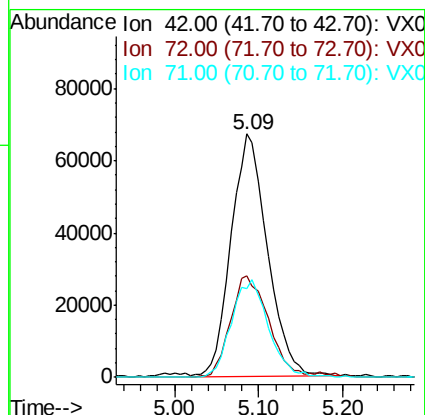
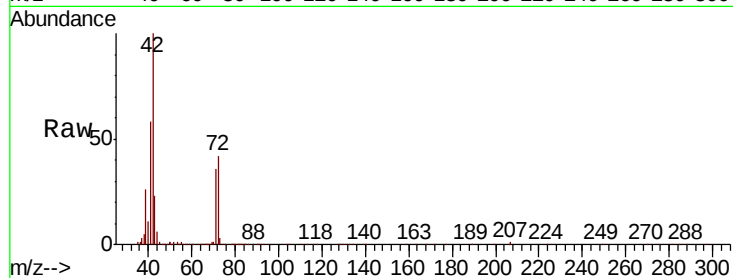




#29
Tetrahydrofuran
Concen: 93.307 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX018437.D
Acq: 16 Sep 2020 14:11

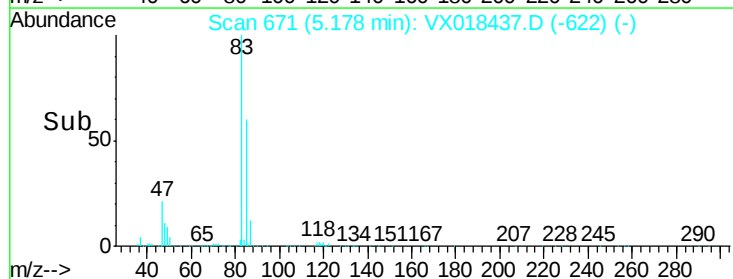
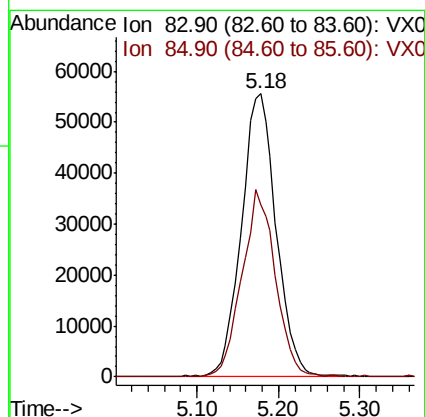
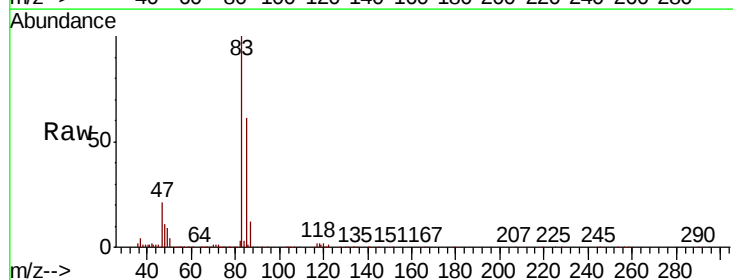
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBSD01

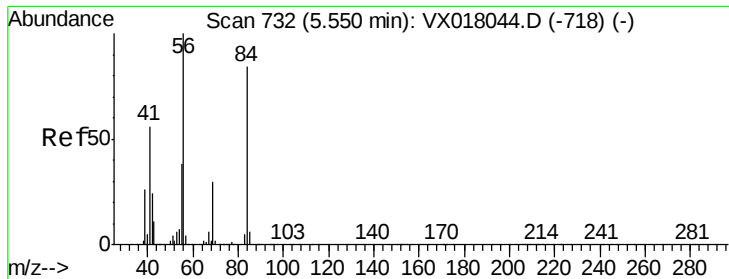
Tot Ion: 42 Resp: 197479
Ion Ratio Lower Upper
42 100
72 43.9 34.2 51.4
71 41.0 32.1 48.1



#30
Chloroform
Concen: 21.480 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018437.D
Acq: 16 Sep 2020 14:11

Tgt Ion: 83 Resp: 164078
Ion Ratio Lower Upper
83 100
85 60.9 50.7 76.1





#31

Cyclohexane

Concen: 17.900 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0916MBSD01

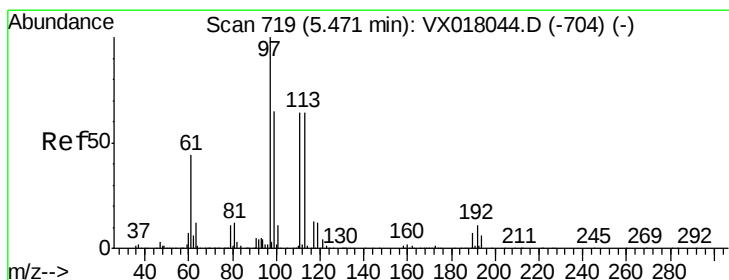
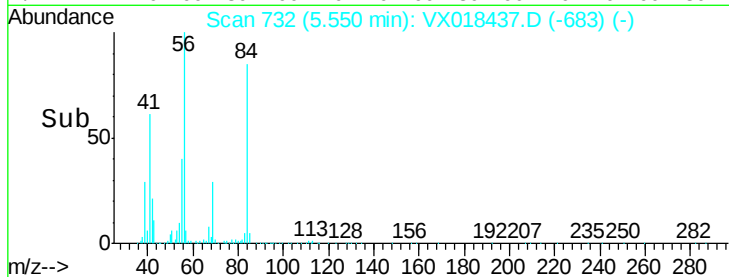
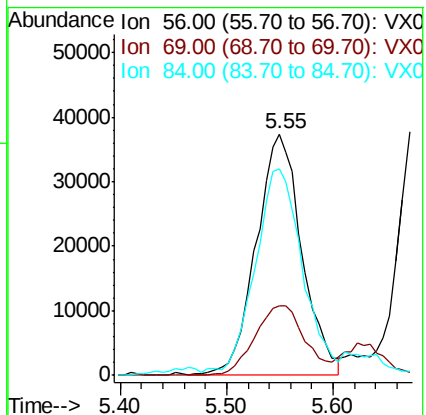
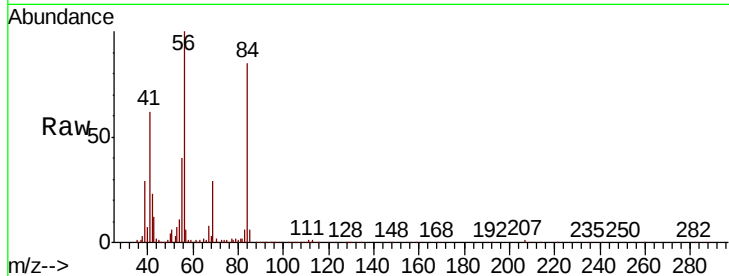
Tot Ion: 56 Resp: 111229

Ion Ratio Lower Upper

56 100

69 29.0 23.9 35.9

84 82.1 67.0 100.4



#32

1,1,1-Trichloroethane

Concen: 21.687 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

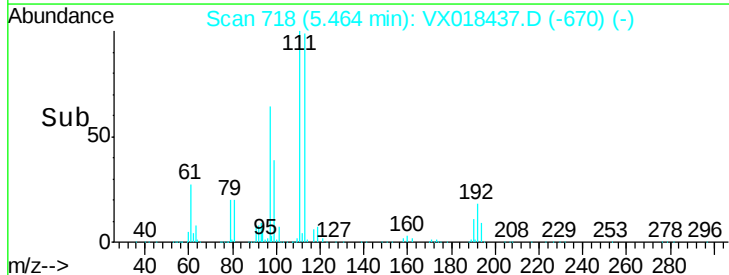
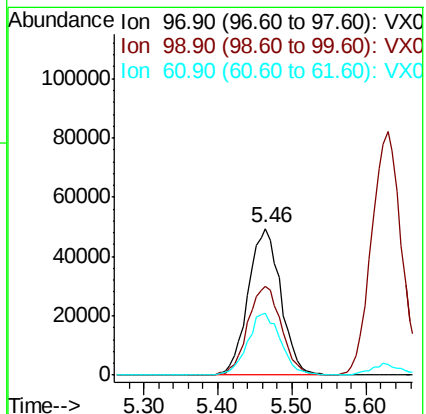
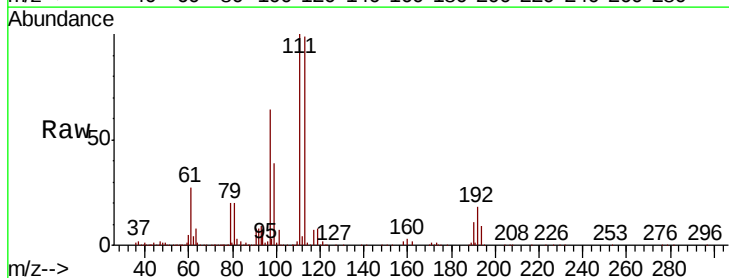
Tgt Ion: 97 Resp: 152019

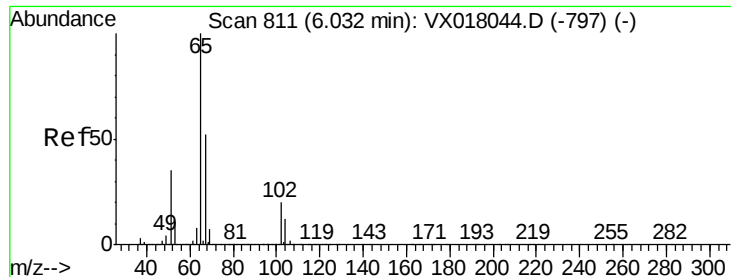
Ion Ratio Lower Upper

97 100

99 62.6 51.4 77.0

61 42.8 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 55.836 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

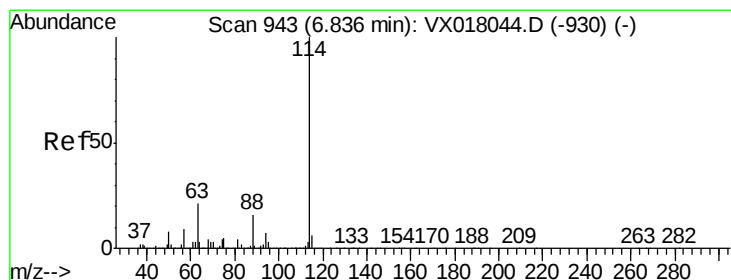
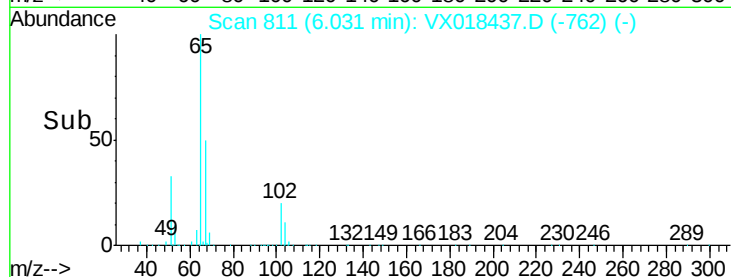
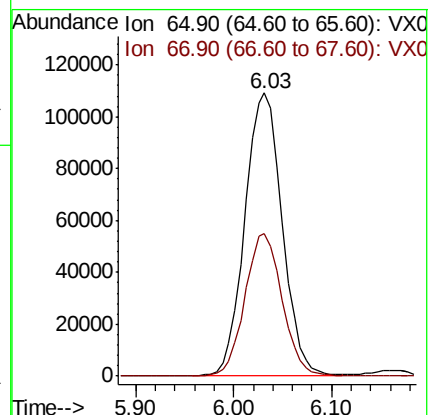
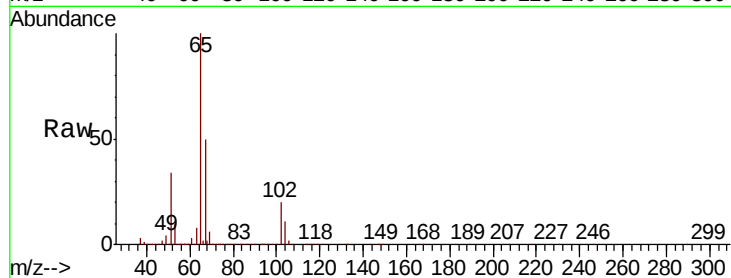
VX0916MBSD01

Tot Ion: 65 Resp: 289883

Ion Ratio Lower Upper

65 100

67 49.9 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: VX018437.D

Acq: 16 Sep 2020 14:11

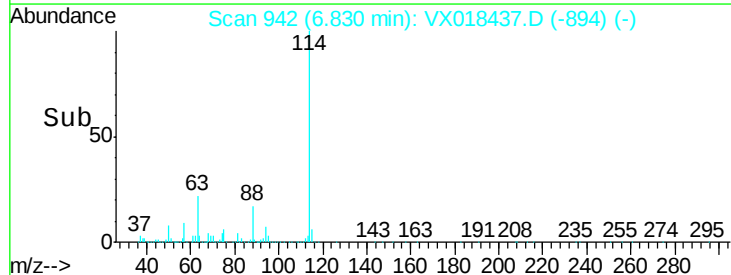
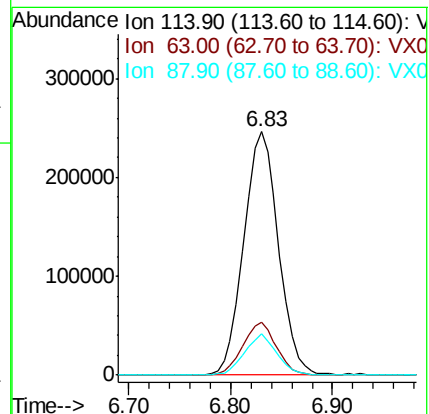
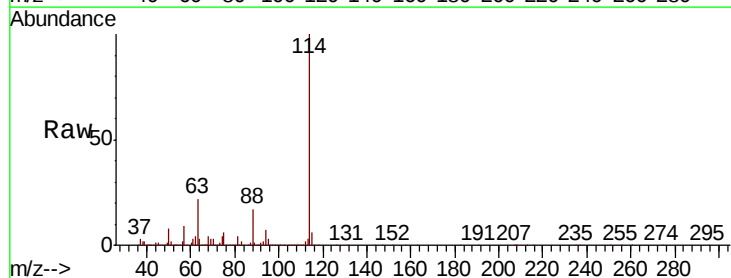
Tgt Ion: 114 Resp: 580243

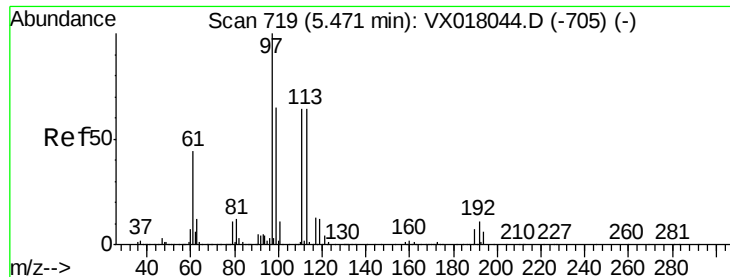
Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.6

88 16.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 56.336 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0916MBS01

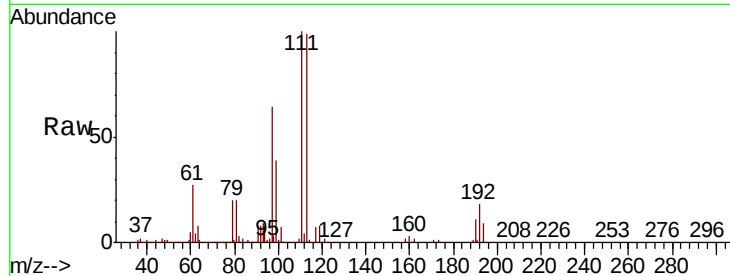
Tot Ion:113 Resp: 222626

Ion Ratio Lower Upper

113 100

111 101.1 81.6 122.4

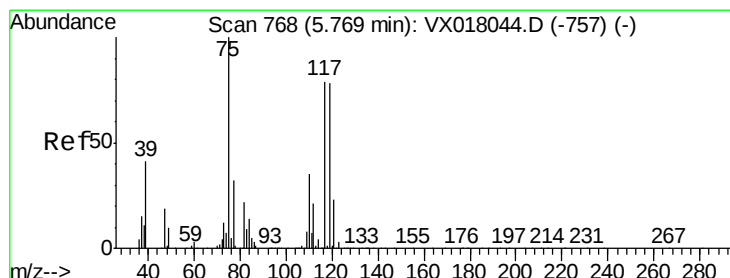
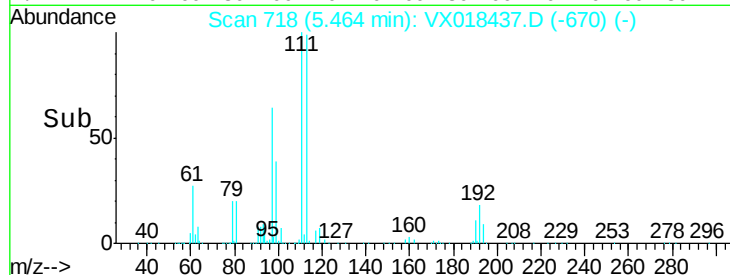
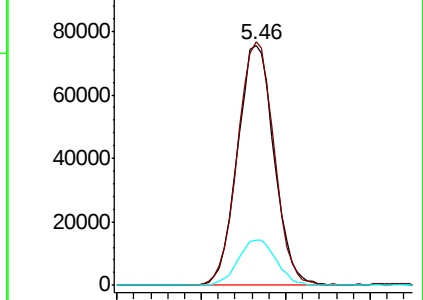
192 19.8 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.407 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

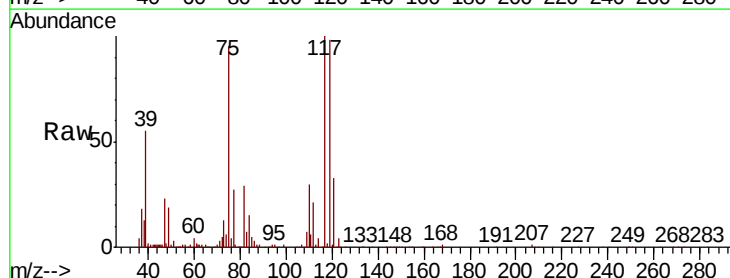
Tgt Ion: 75 Resp: 109216

Ion Ratio Lower Upper

75 100

110 35.7 18.0 54.0

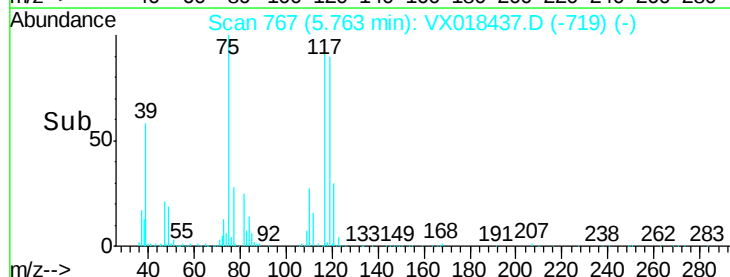
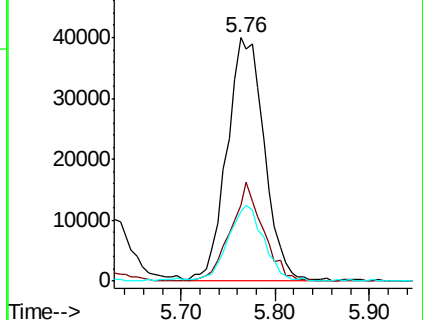
77 28.6 24.4 36.6

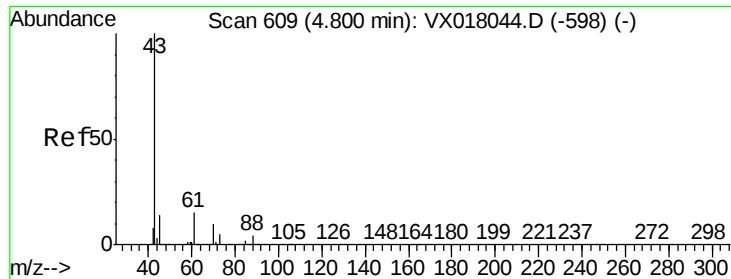


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

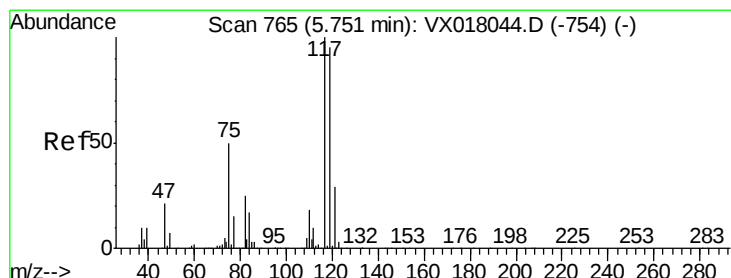
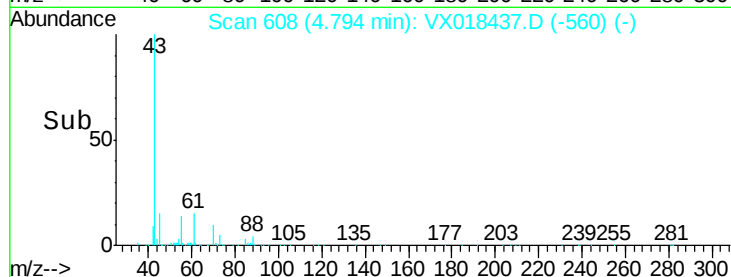
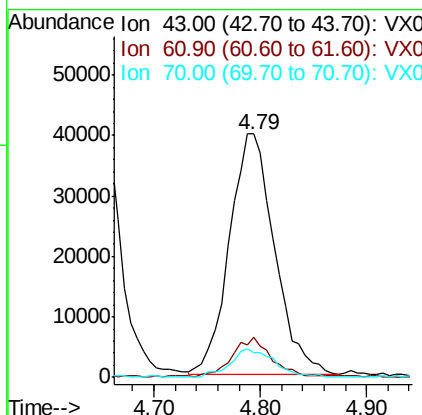
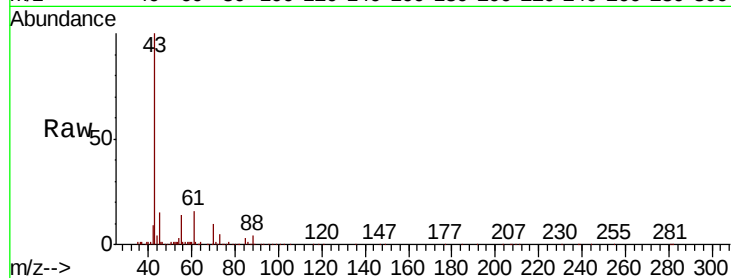




#37
Ethyl Acetate
Concen: 18.999 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018437.D
Acq: 16 Sep 2020 14:11

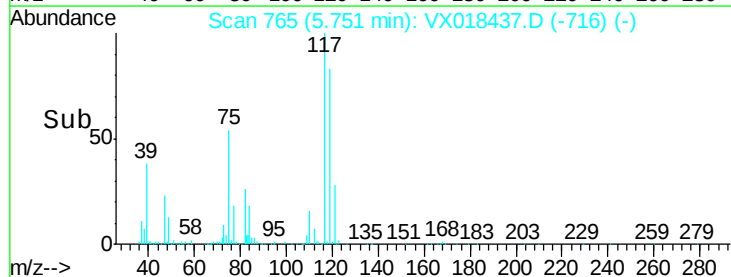
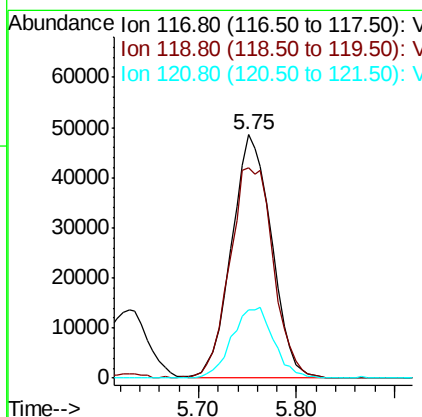
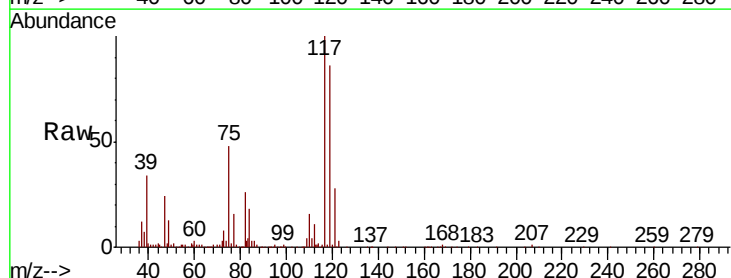
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBSD01

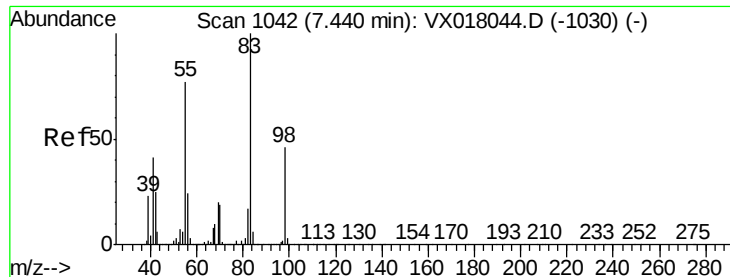
Tot Ion: 43 Resp: 118097
Ion Ratio Lower Upper
43 100
61 13.3 11.3 16.9
70 11.9 8.2 12.4



#38
Carbon Tetrachloride
Concen: 22.775 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018437.D
Acq: 16 Sep 2020 14:11

Tgt Ion: 117 Resp: 137364
Ion Ratio Lower Upper
117 100
119 86.4 75.8 113.6
121 27.7 23.4 35.0

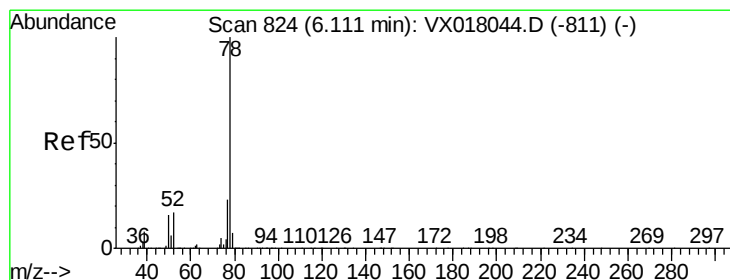
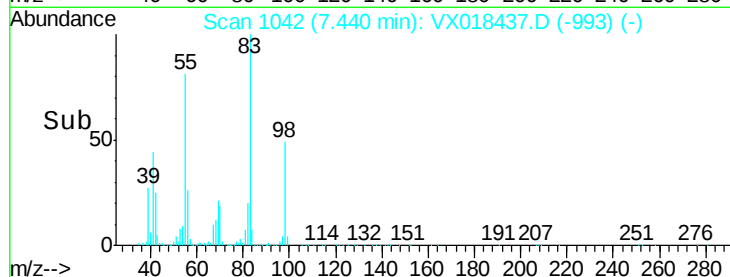
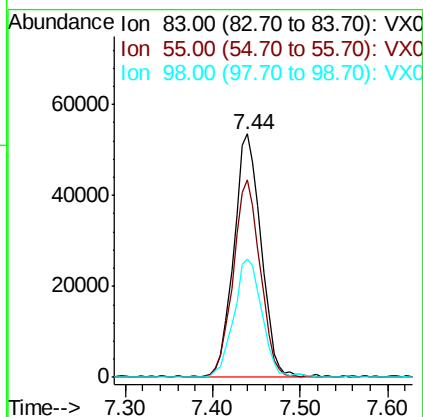
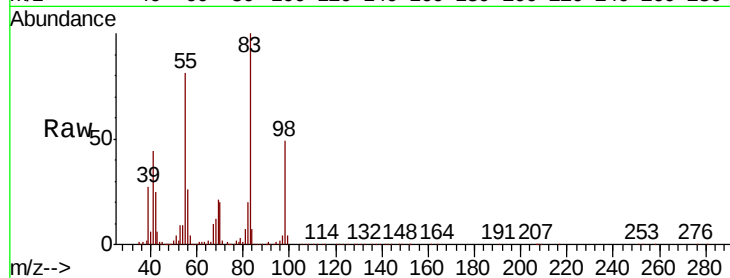




#39
Methvlcvclohexane
Concen: 19.834 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018437.D
Acq: 16 Sep 2020 14:11

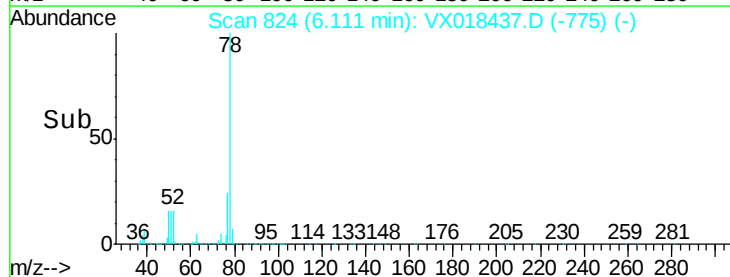
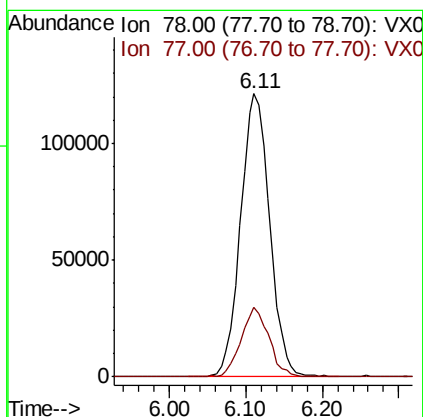
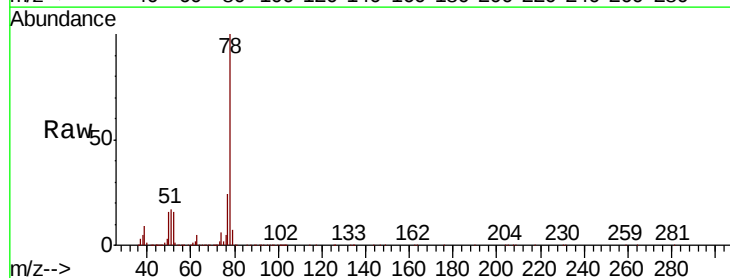
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBSD01

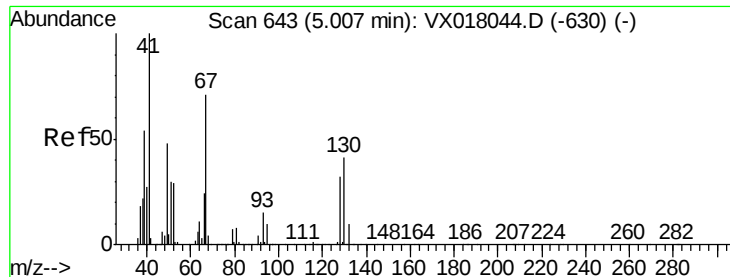
Tot Ion: 83 Resp: 116073
Ion Ratio Lower Upper
83 100
55 81.1 61.8 92.6
98 48.8 36.6 55.0



#40
Benzene
Concen: 20.367 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018437.D
Acq: 16 Sep 2020 14:11

Tgt Ion: 78 Resp: 320291
Ion Ratio Lower Upper
78 100
77 24.3 18.2 27.2

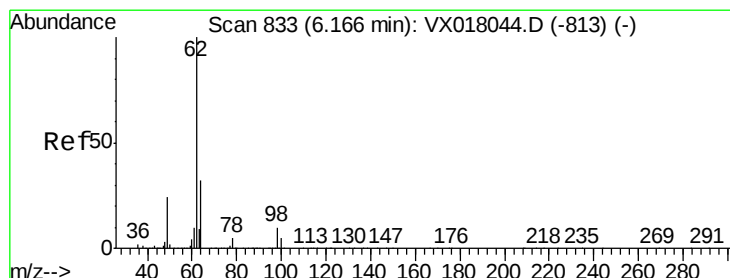
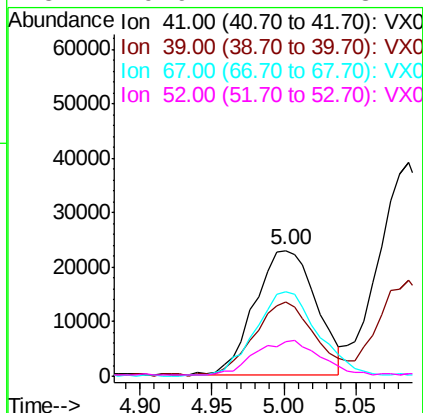
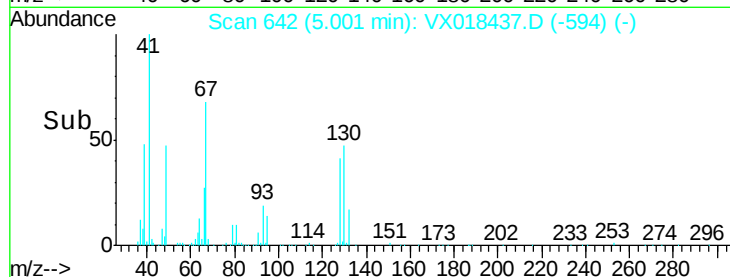
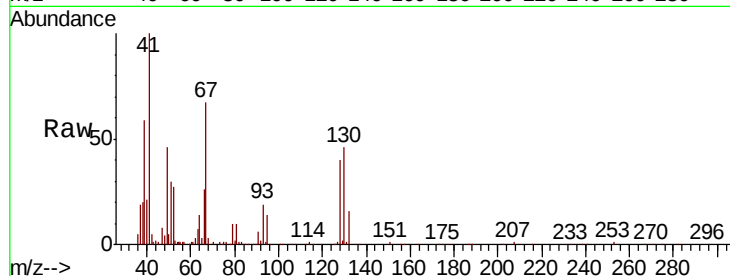




#41
Methacrylonitrile
Concen: 19.892 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX018437.D
Acq: 16 Sep 2020 14:11

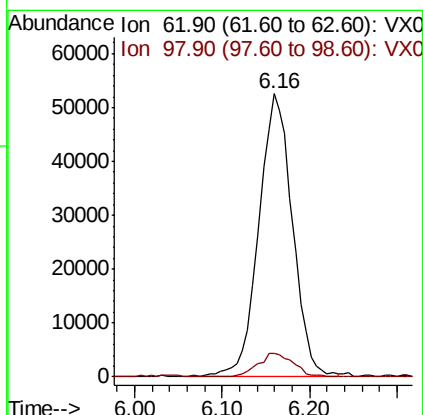
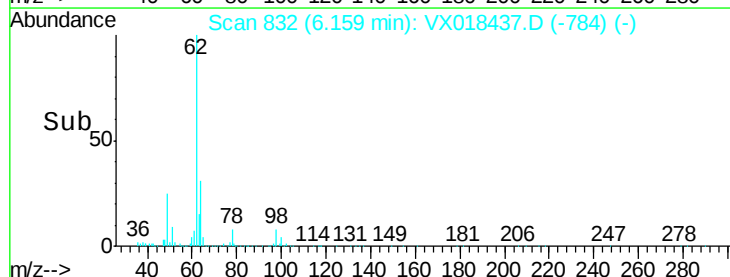
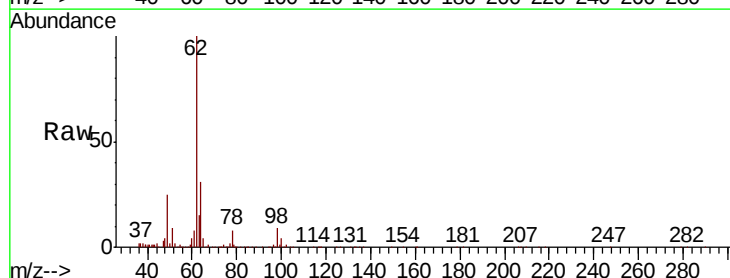
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBS01

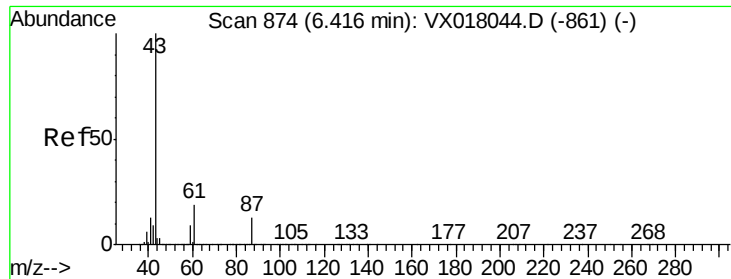
Tot Ion:	41	Resp:	67891
Ion	Ratio	Lower	Upper
41	100		
39	60.0	43.1	64.7
67	68.6	56.0	84.0
52	29.9	22.7	34.1



#42
1,2-Dichloroethane
Concen: 23.091 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018437.D
Acq: 16 Sep 2020 14:11

Tgt Ion:	62	Resp:	139128
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2



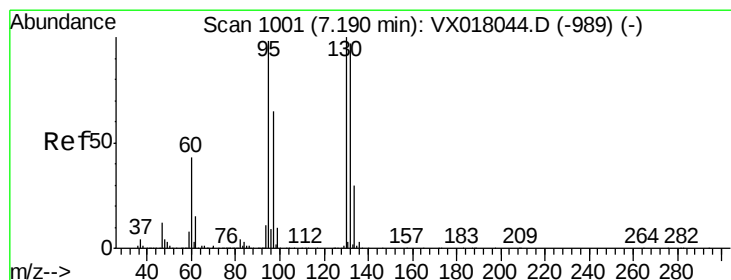
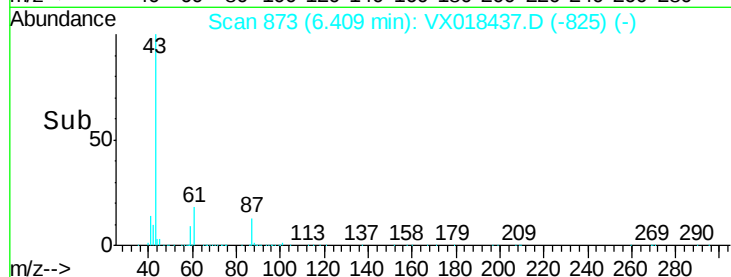
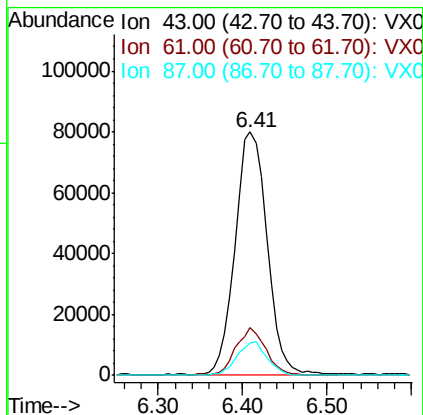
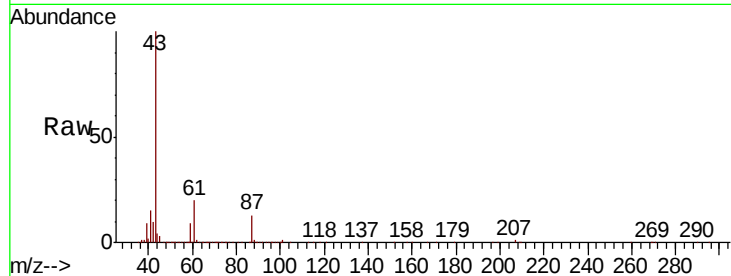


#43

Isopropyl Acetate
 Concen: 20.333 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018437.D
 Acq: 16 Sep 2020 14:11

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0916MBSD01

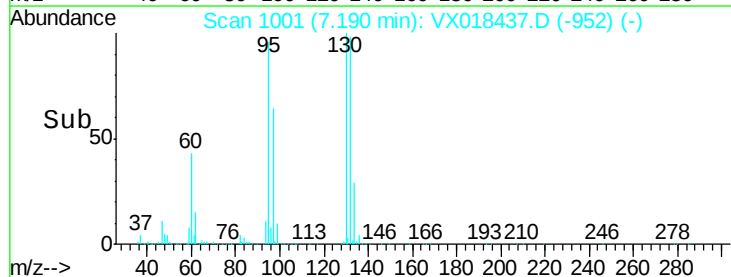
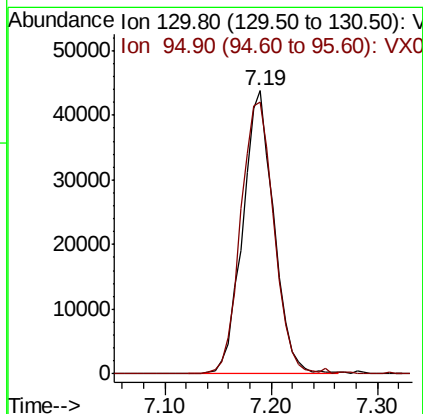
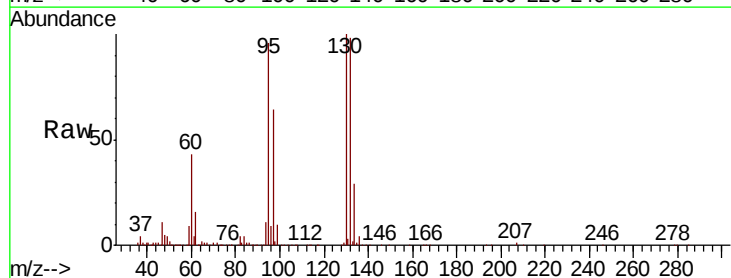
Tot Ion	43	Resp	204137
Ion Ratio	Lower	Upper	
43	100		
61	18.4	15.7	23.5
87	13.1	10.3	15.5

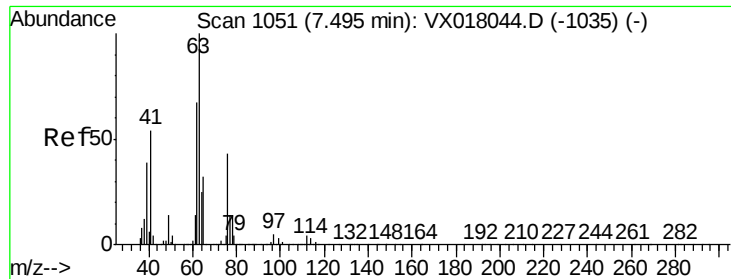


#44

Trichloroethene
 Concen: 20.275 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018437.D
 Acq: 16 Sep 2020 14:11

Tgt Ion	130	Resp	90093
Ion Ratio	Lower	Upper	
130	100		
95	95.7	0.0	196.4





#45

1,2-Dichloropropane

Concen: 20.695 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

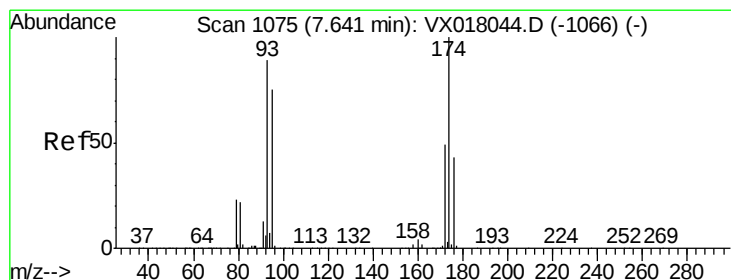
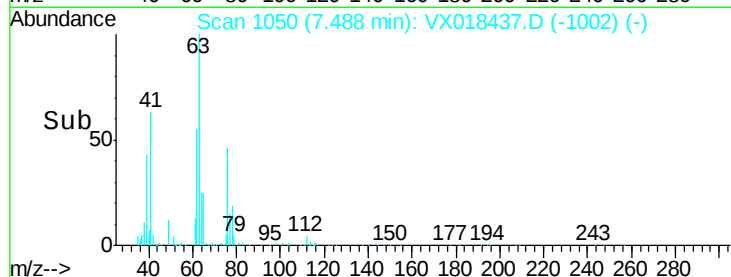
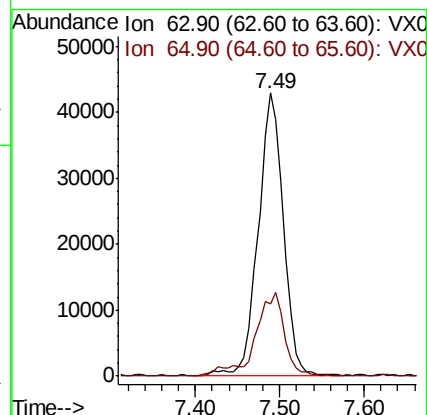
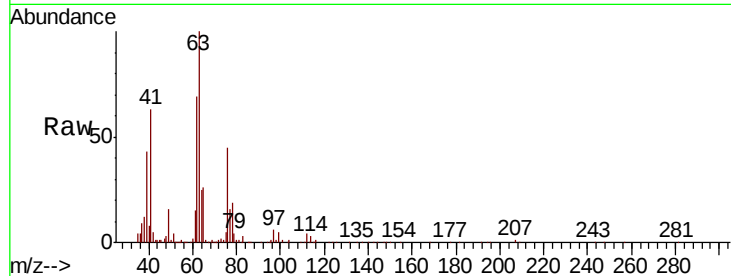
VX0916MBSD01

Tot Ion: 63 Resp: 87713

Ion Ratio Lower Upper

63 100

65 25.6 25.7 38.5#



#46

Dibromomethane

Concen: 21.112 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

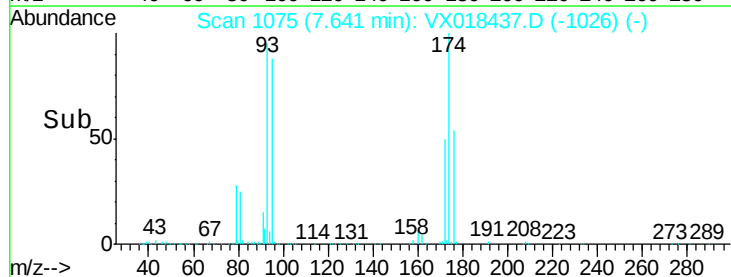
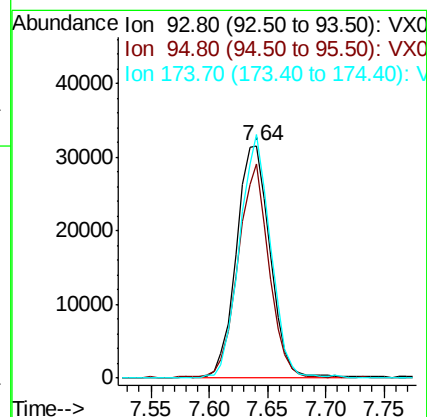
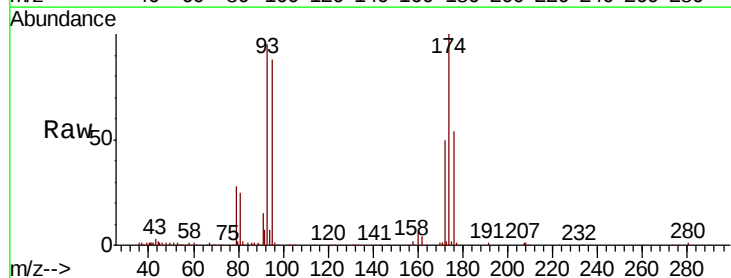
Tgt Ion: 93 Resp: 62924

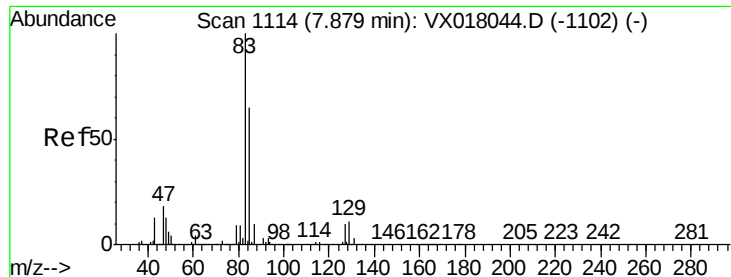
Ion Ratio Lower Upper

93 100

95 86.2 67.3 100.9

174 97.8 82.2 123.2





#47

Bromodichloromethane

Concen: 22.305 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0916MBS01

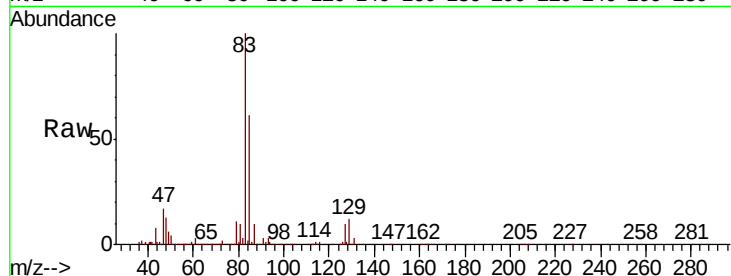
Tot Ion: 83 Resp: 132743

Ion Ratio Lower Upper

83 100

85 61.2 51.8 77.6

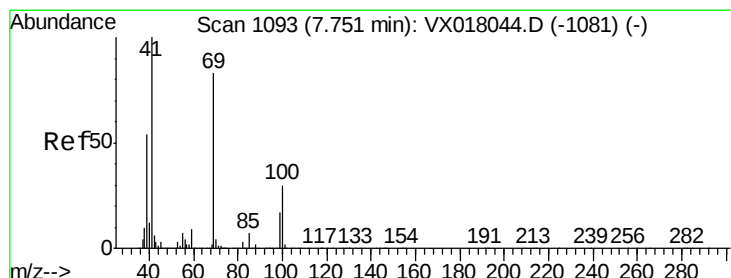
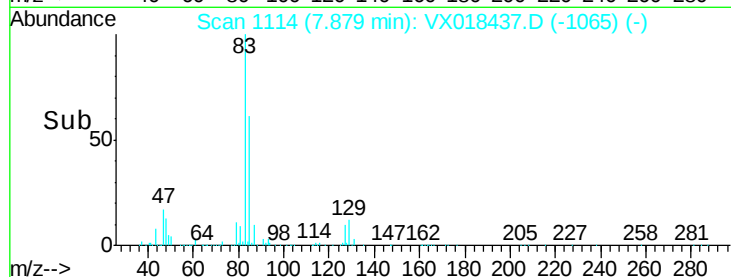
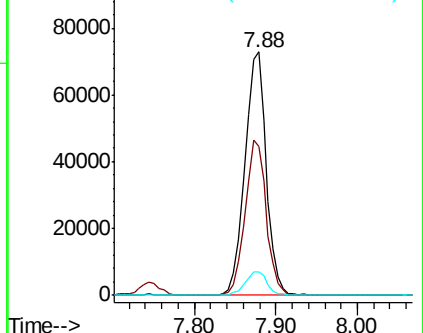
127 9.5 7.7 11.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.439 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

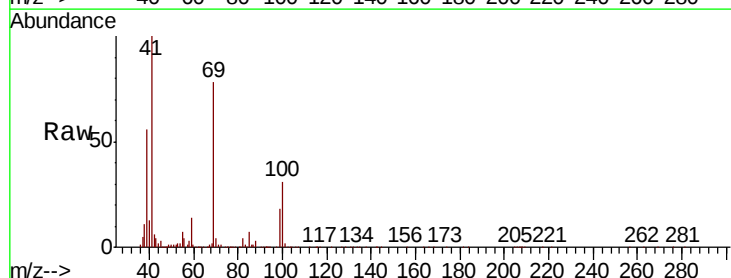
Tgt Ion: 41 Resp: 102151

Ion Ratio Lower Upper

41 100

69 79.5 65.5 98.3

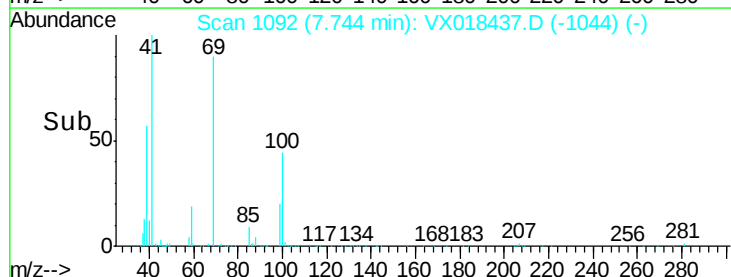
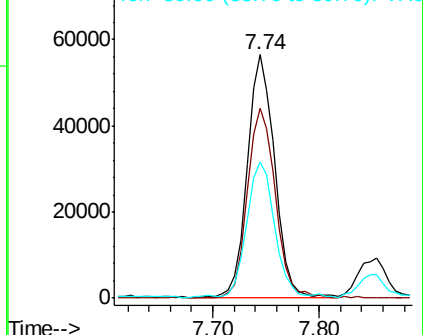
39 56.3 44.5 66.7

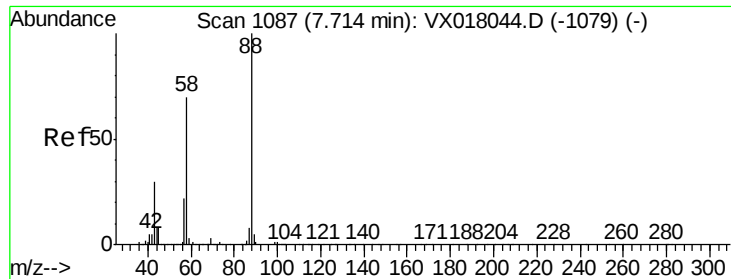


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

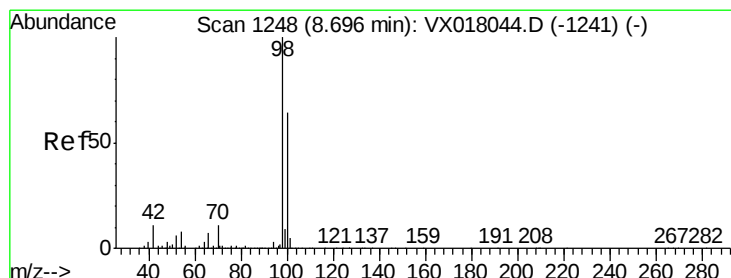
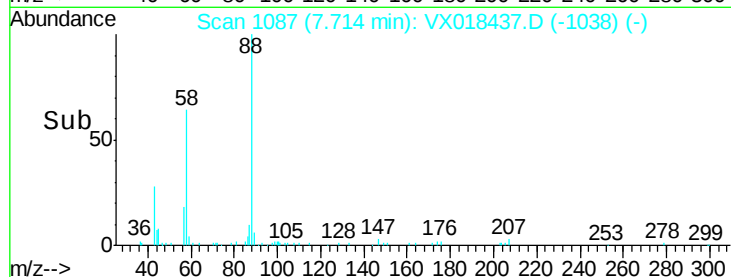
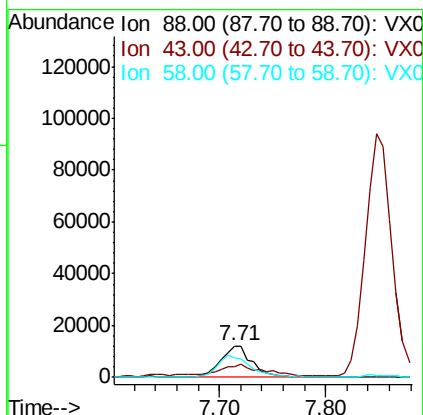
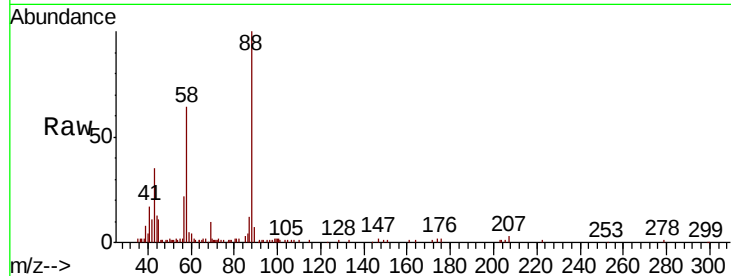




#49
1,4-Dioxane
Concen: 274.488 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018437.D
Acq: 16 Sep 2020 14:11

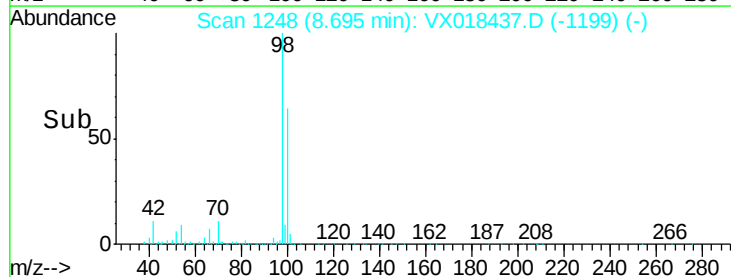
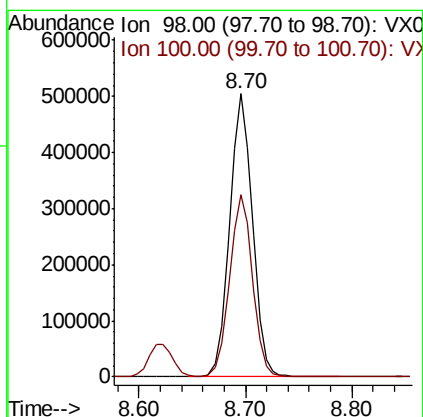
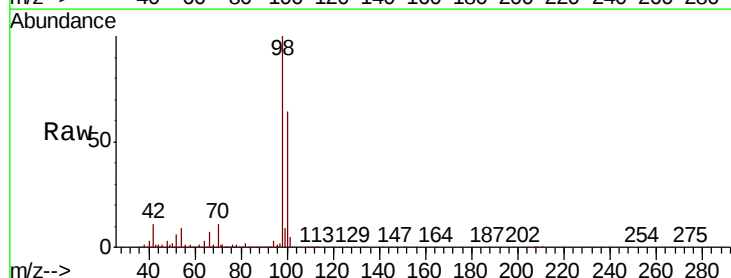
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBSD01

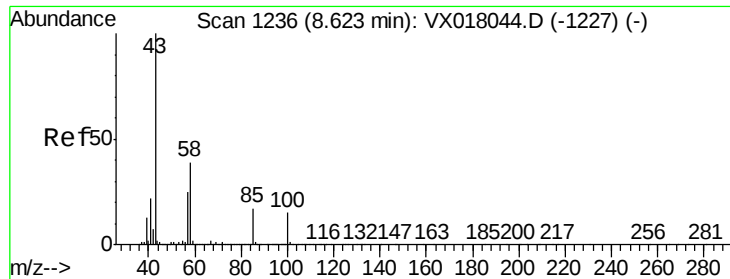
Tot Ion: 88 Resp: 24850
Ion Ratio Lower Upper
88 100
43 50.5 27.4 41.0#
58 75.7 56.4 84.6



#50
Toluene-d8
Concen: 51.547 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018437.D
Acq: 16 Sep 2020 14:11

Tgt Ion: 98 Resp: 758698
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4

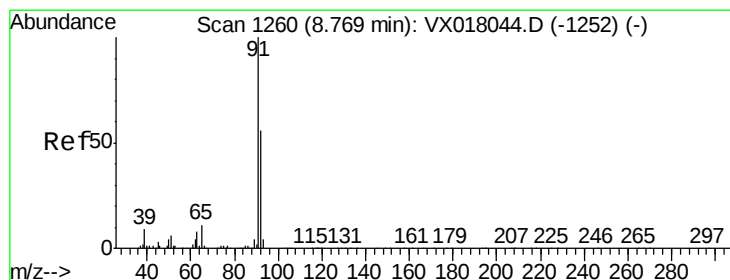
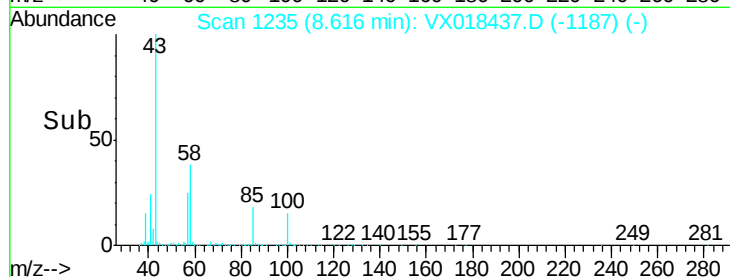
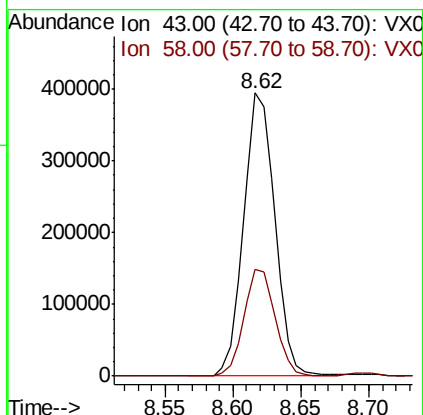
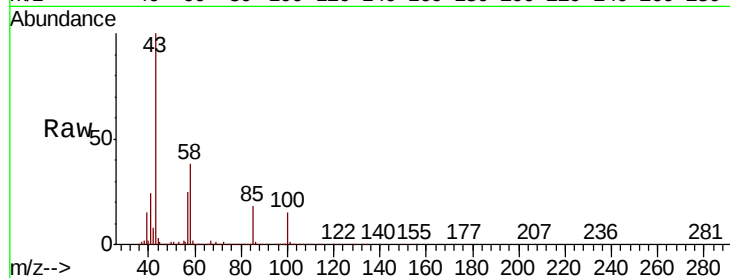




#51
 4-Methyl-2-Pentanone
 Concen: 101.404 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX018437.D
 Acq: 16 Sep 2020 14:11

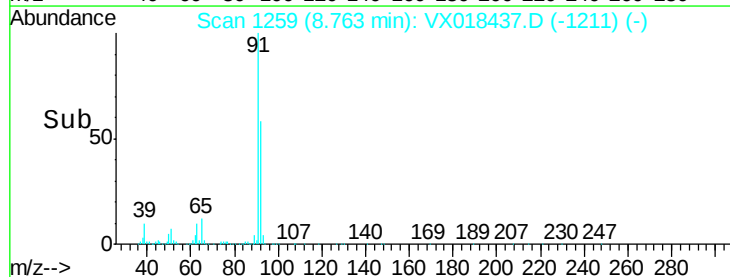
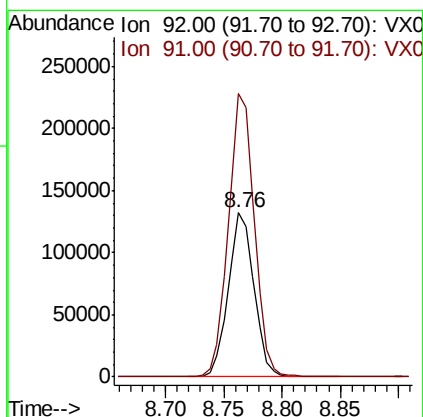
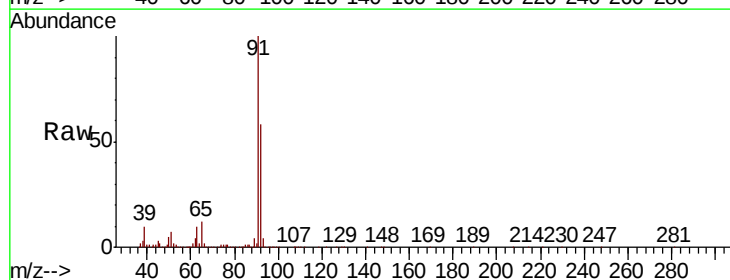
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916MBSD01

Tot Ion: 43 Resp: 628873
 Ion Ratio Lower Upper
 43 100
 58 37.8 30.7 46.1



#52
 Toluene
 Concen: 20.387 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX018437.D
 Acq: 16 Sep 2020 14:11

Tgt Ion: 92 Resp: 203294
 Ion Ratio Lower Upper
 92 100
 91 173.7 140.3 210.5

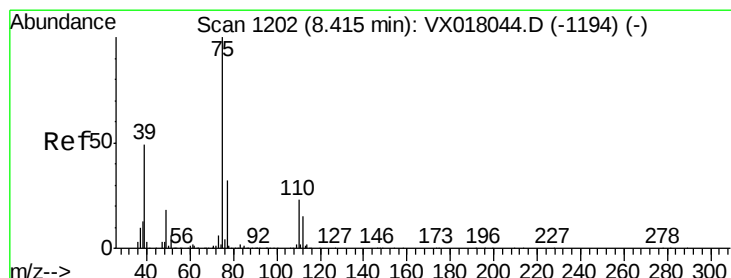
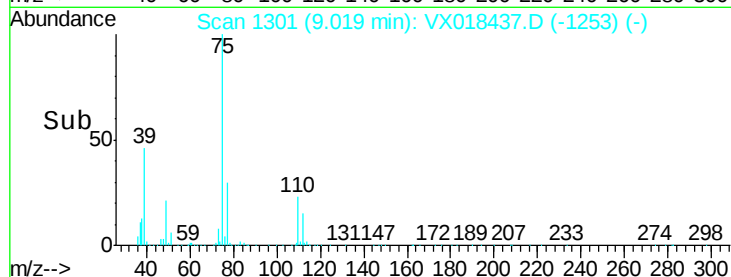
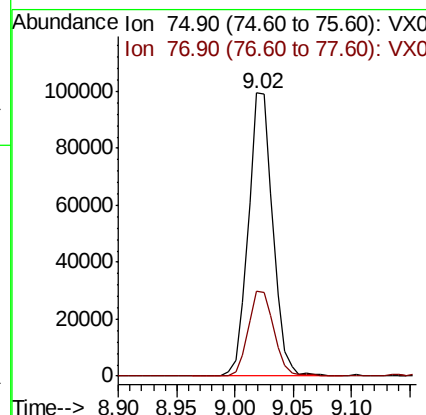
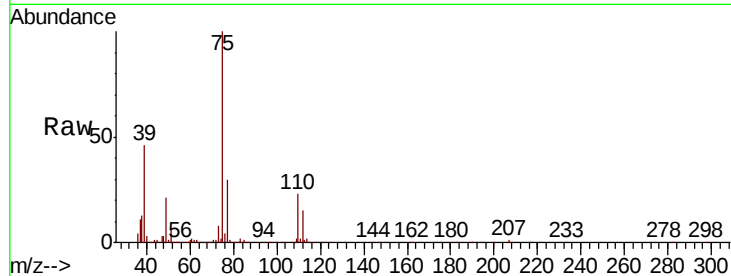




#53
 t-1,3-Dichloropropene
 Concen: 22.221 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VX018437.D
 Acq: 16 Sep 2020 14:11

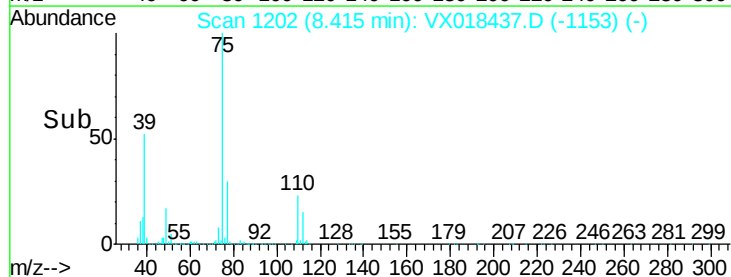
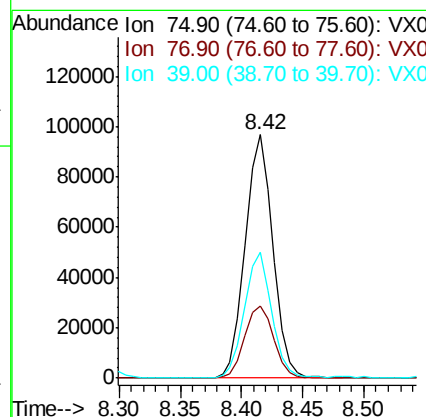
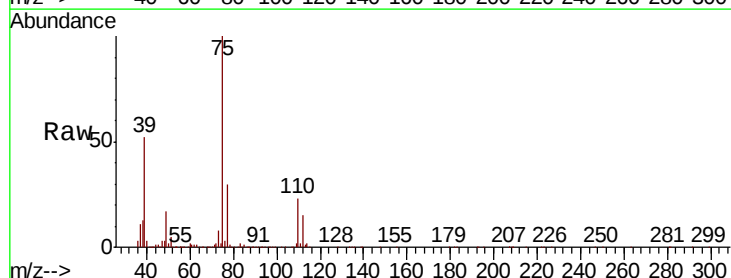
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916MBSD01

Tot Ion: 75 Resp: 146565
 Ion Ratio Lower Upper
 75 100
 77 29.7 26.6 39.8



#54
 cis-1,3-Dichloropropene
 Concen: 21.796 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX018437.D
 Acq: 16 Sep 2020 14:11

Tgt Ion: 75 Resp: 152287
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.8 38.8
 39 51.2 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 21.755 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0916MBSD01

Tot Ion: 97 Resp: 92523

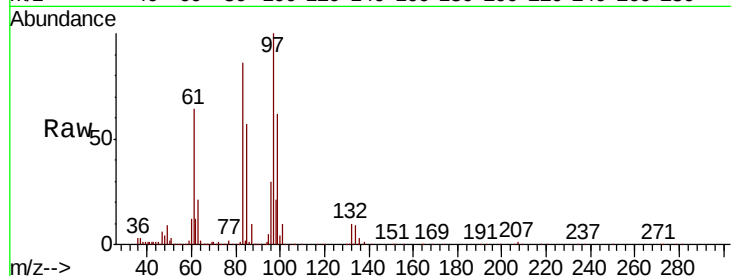
Ion Ratio Lower Upper

97 100

83 85.7 67.8 101.6

85 56.6 45.3 67.9

99 62.2 50.9 76.3

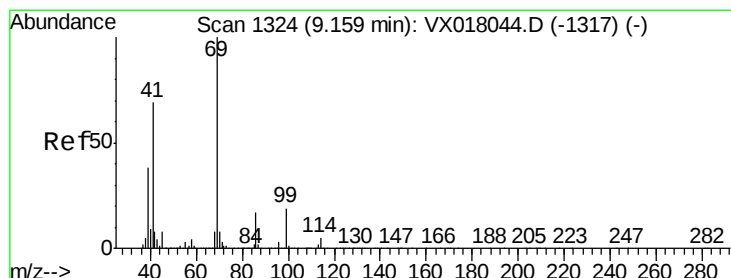
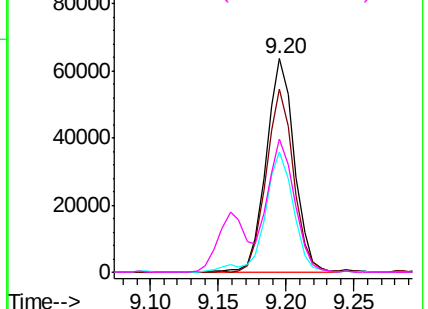
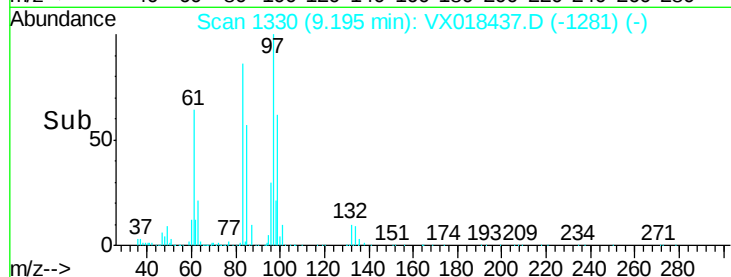


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 20.767 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

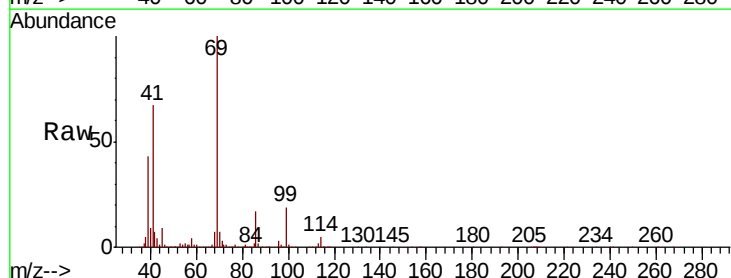
Tgt Ion: 69 Resp: 131294

Ion Ratio Lower Upper

69 100

41 65.7 54.6 81.8

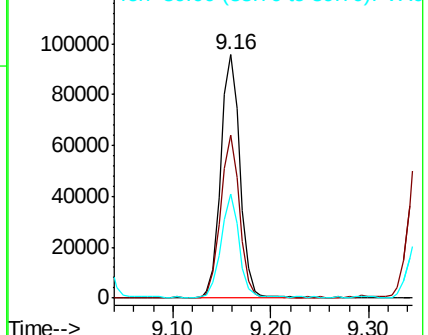
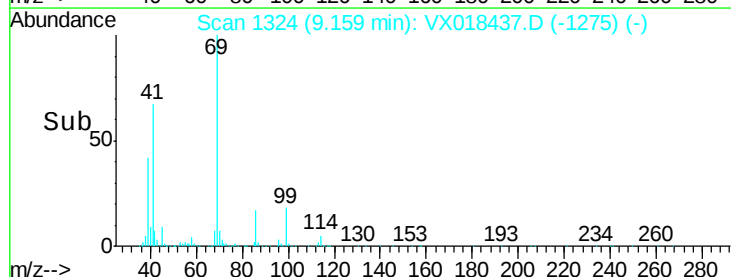
39 40.1 29.1 43.7

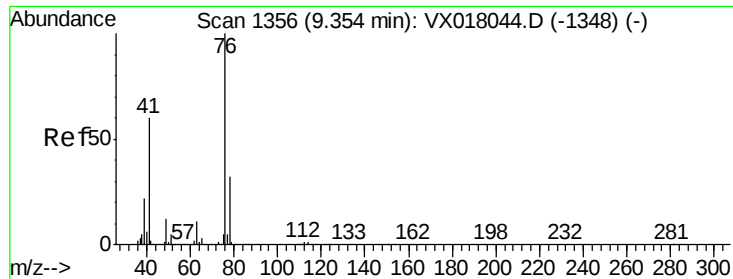


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 21.371 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

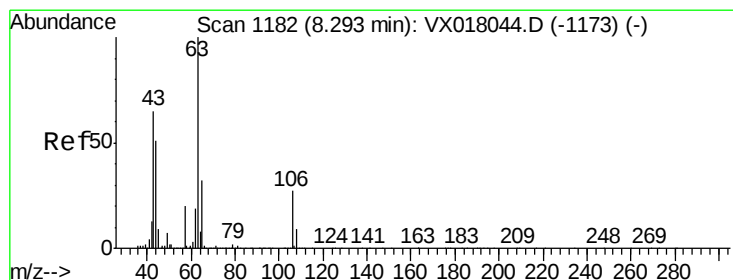
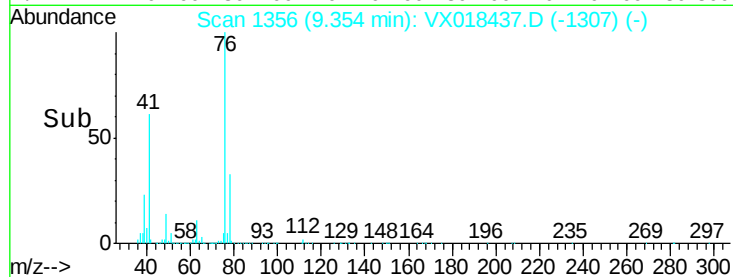
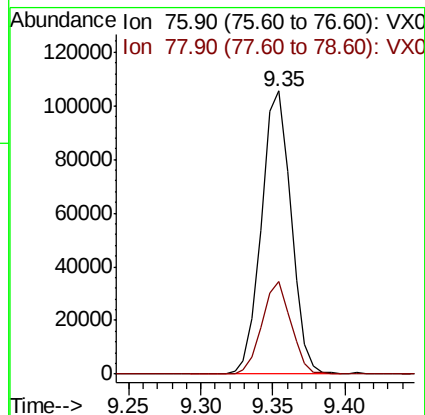
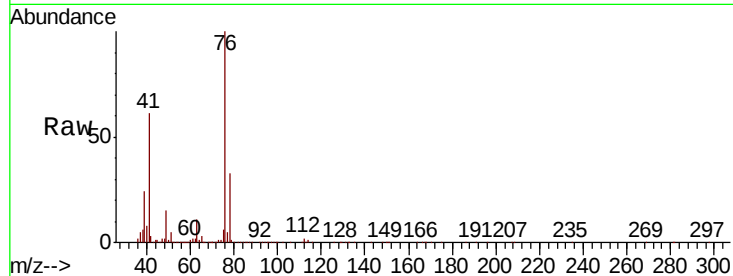
VX0916MBSD01

Tot Ion: 76 Resp: 149906

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 104.590 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018437.D

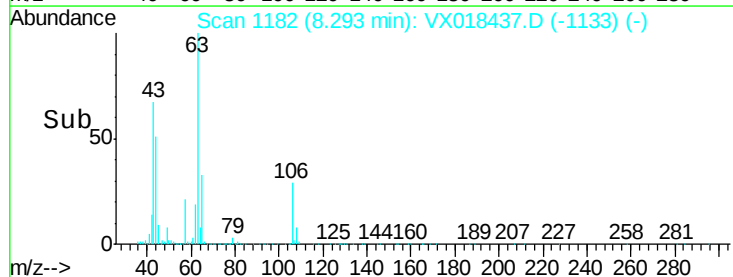
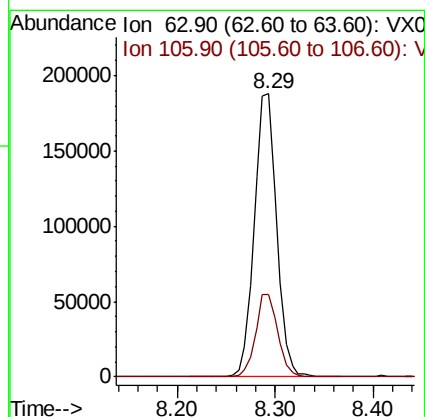
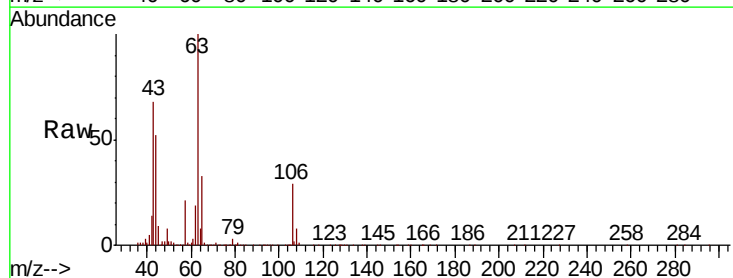
Acq: 16 Sep 2020 14:11

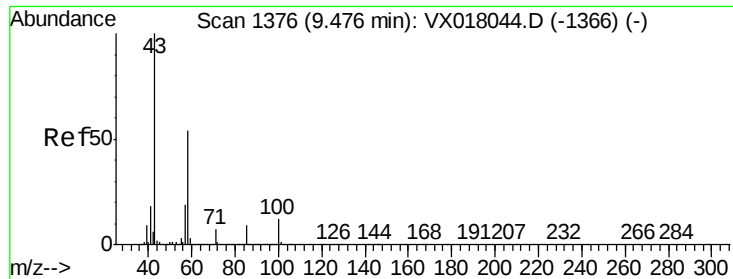
Tgt Ion: 63 Resp: 297463

Ion Ratio Lower Upper

63 100

106 29.1 22.1 33.1

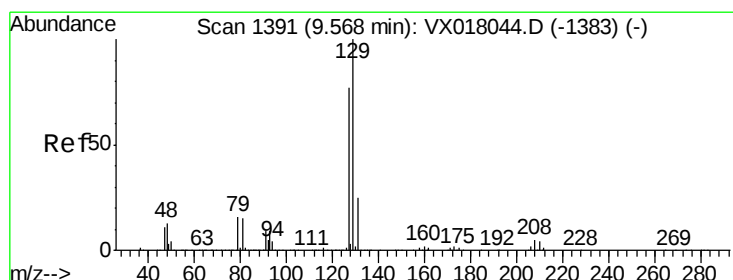
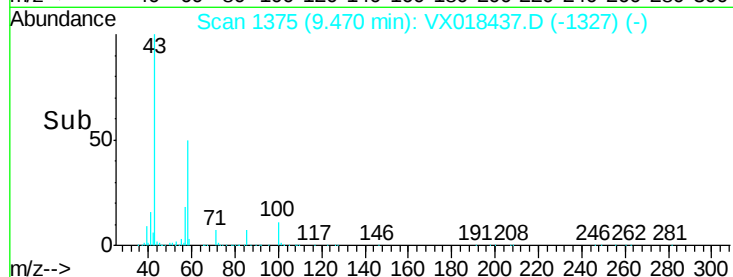
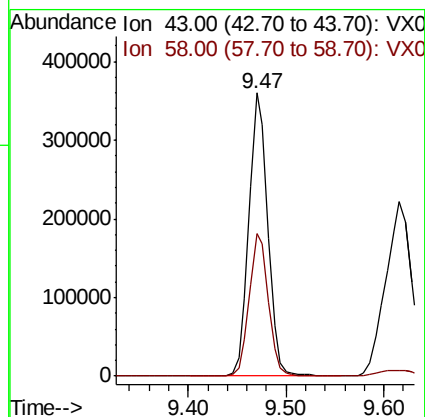
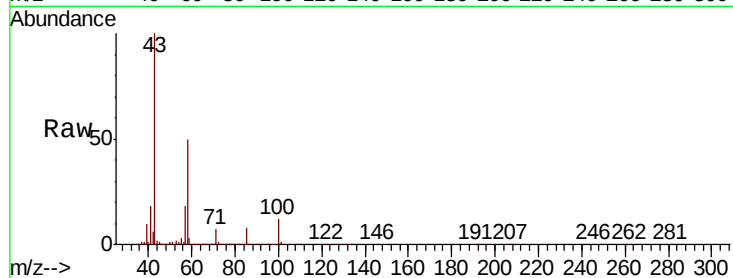




#59
2-Hexanone
Concen: 102.166 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018437.D
Acq: 16 Sep 2020 14:11

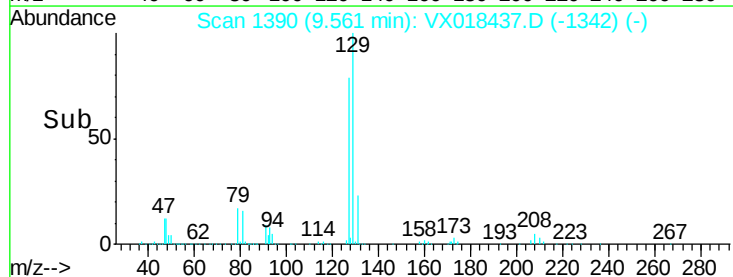
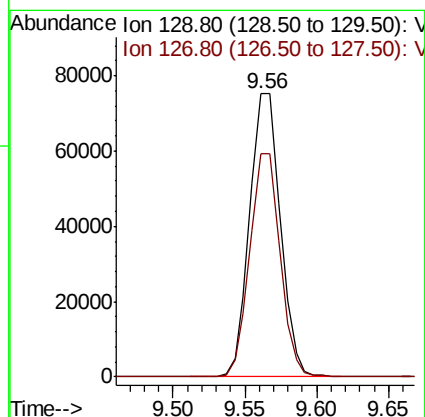
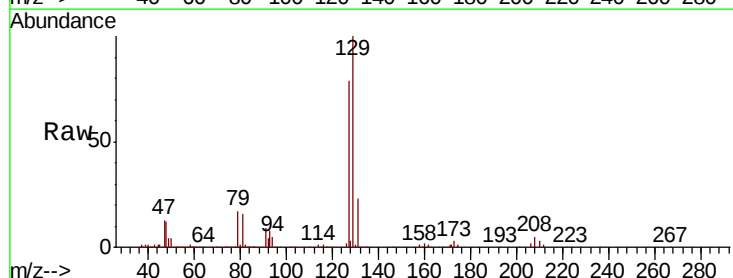
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBSD01

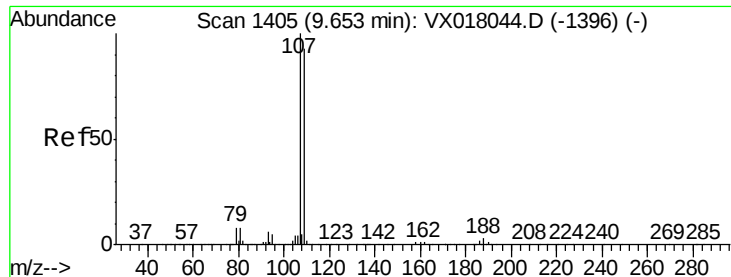
Tot Ion: 43 Resp: 481778
Ion Ratio Lower Upper
43 100
58 50.9 26.6 79.7



#60
Dibromochloromethane
Concen: 22.325 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018437.D
Acq: 16 Sep 2020 14:11

Tgt Ion: 129 Resp: 111378
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 21.796 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

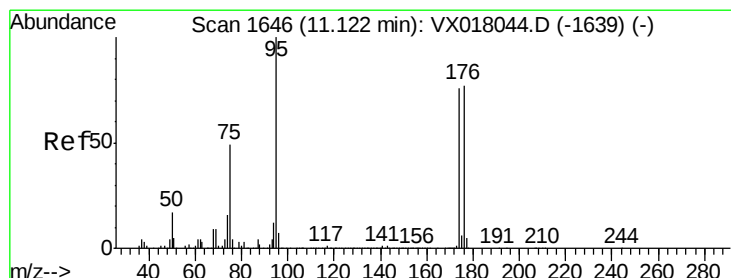
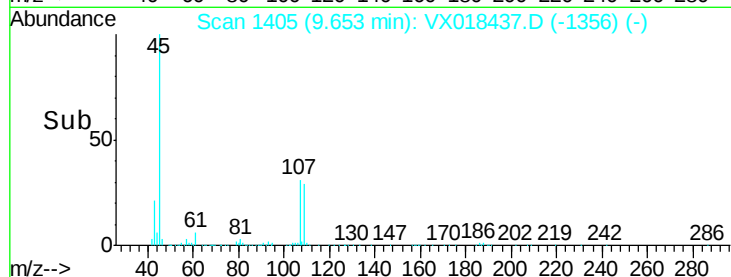
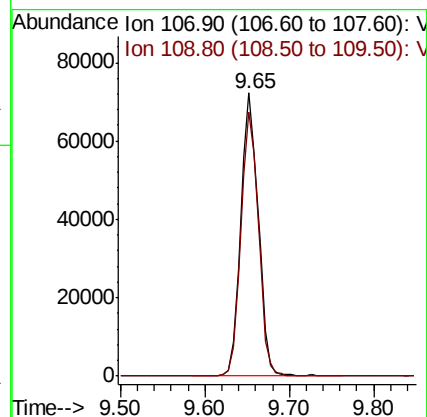
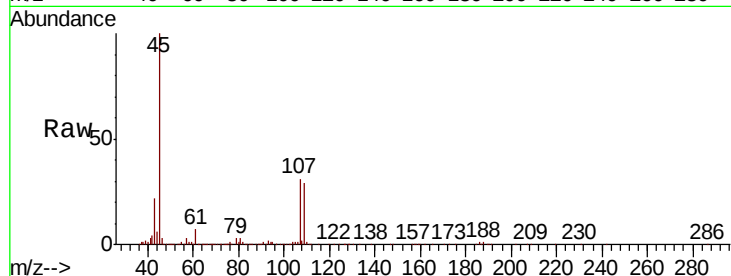
VX0916MBSD01

Tot Ion: 107 Resp: 100638

Ion Ratio Lower Upper

107 100

109 93.4 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 53.036 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

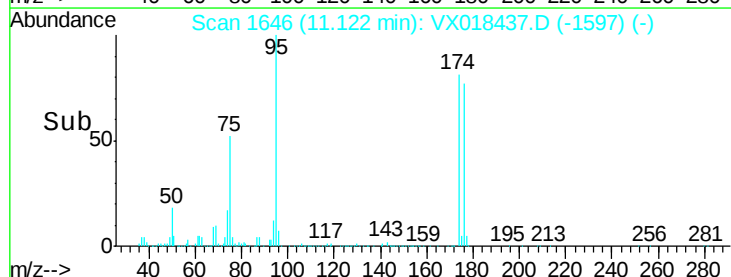
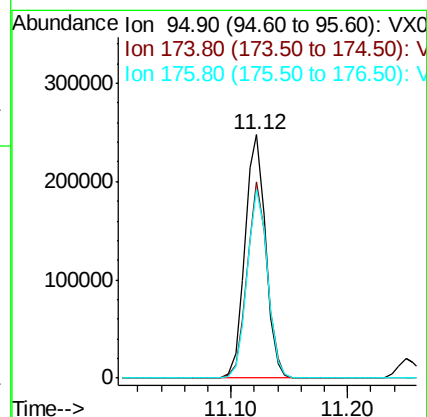
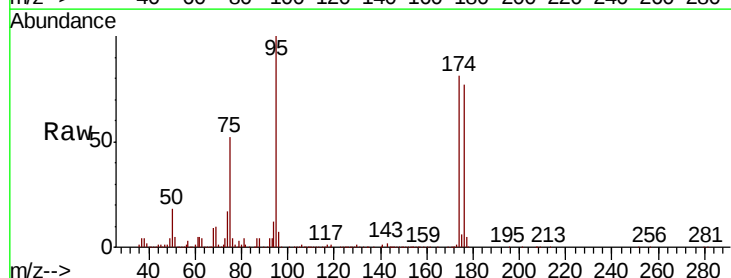
Tgt Ion: 95 Resp: 307122

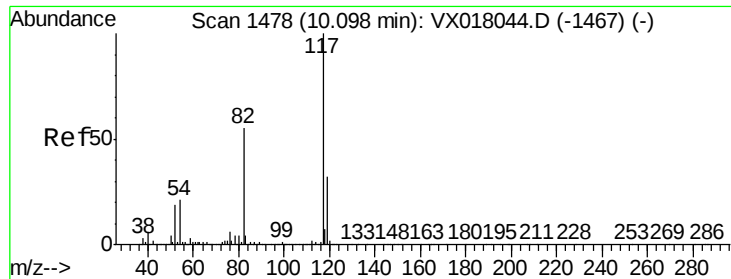
Ion Ratio Lower Upper

95 100

174 78.5 0.0 160.2

176 76.7 0.0 155.8

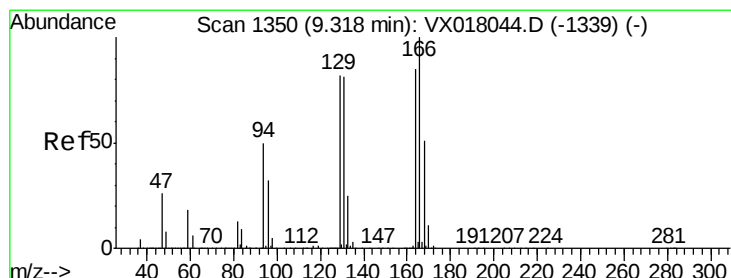
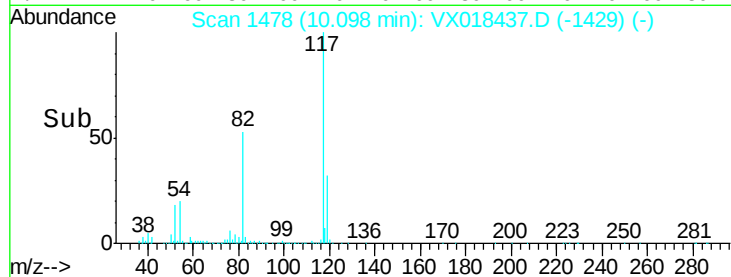
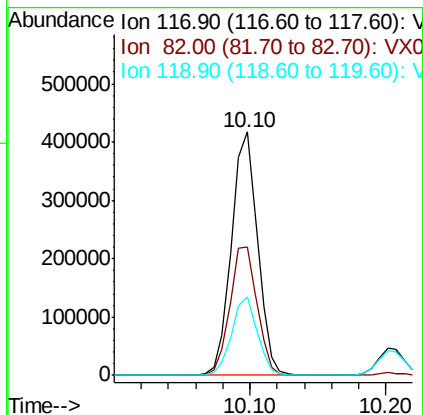
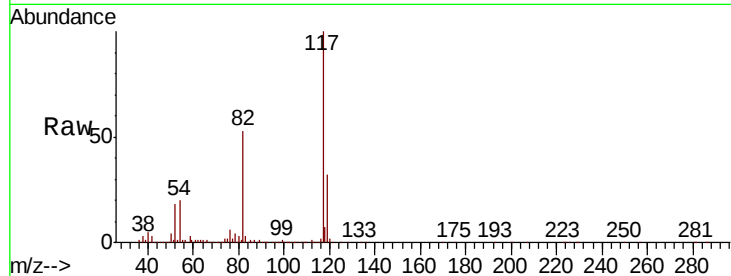




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018437.D
Acq: 16 Sep 2020 14:11

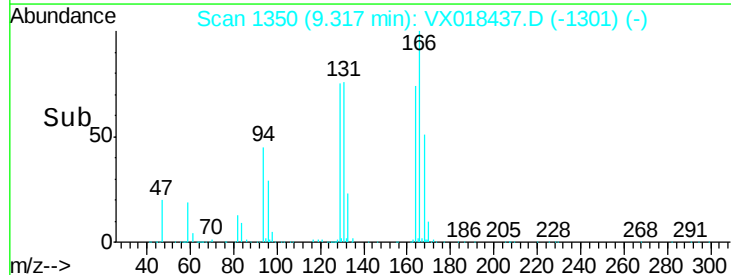
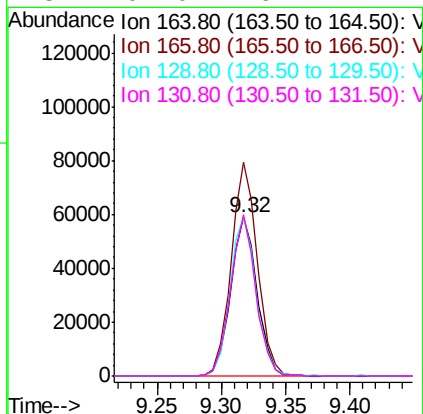
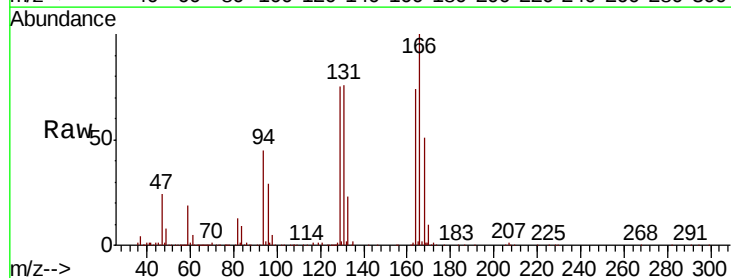
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBSD01

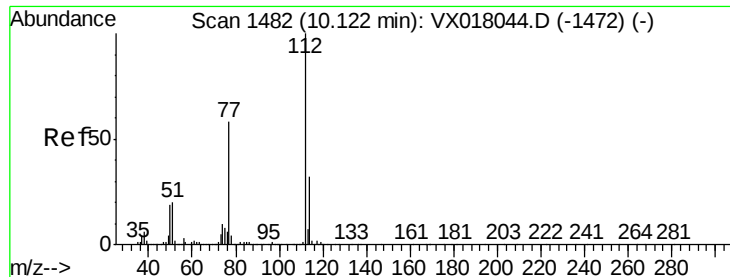
Tot Ion:117 Resp: 559712
Ion Ratio Lower Upper
117 100
82 53.0 44.2 66.2
119 32.2 25.7 38.5



#64
Tetrachloroethene
Concen: 20.466 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018437.D
Acq: 16 Sep 2020 14:11

Tgt Ion:164 Resp: 84177
Ion Ratio Lower Upper
164 100
166 134.8 94.2 141.2
129 100.4 76.9 115.3
131 102.0 76.1 114.1

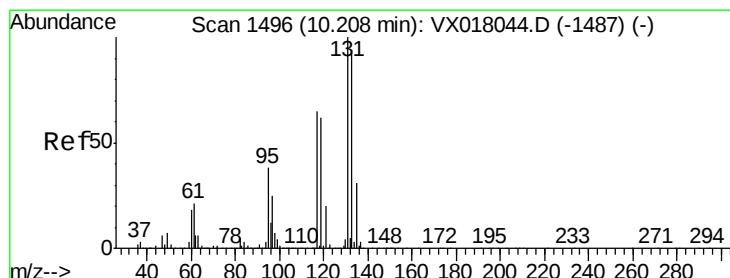
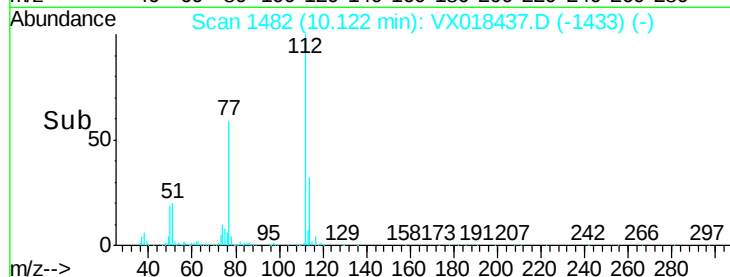
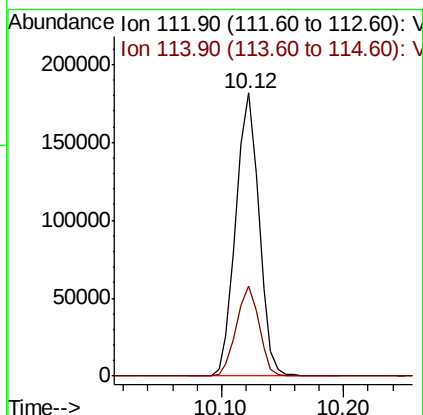
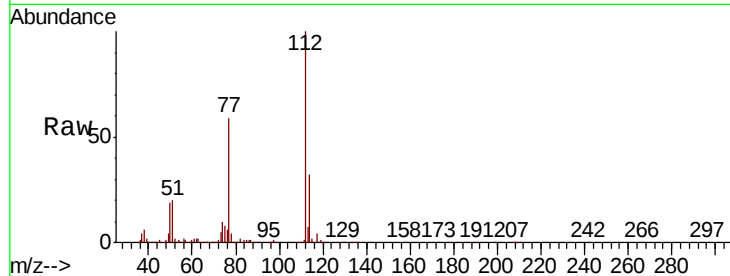




#65
Chlorobenzene
Concen: 21.241 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018437.D
Acq: 16 Sep 2020 14:11

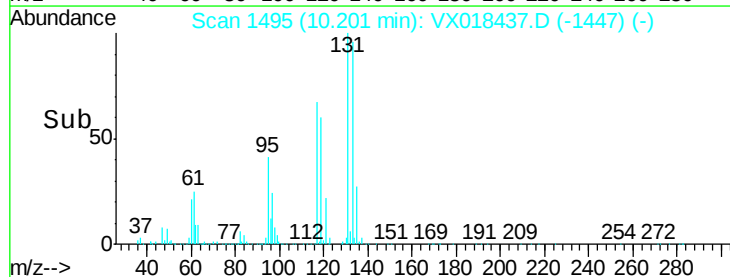
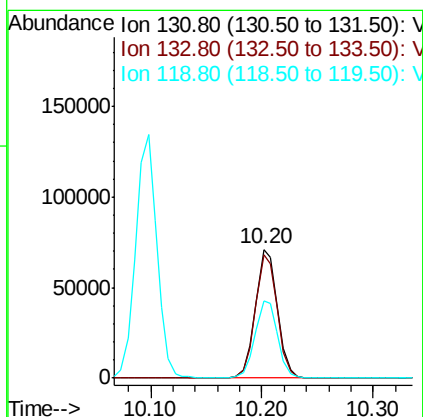
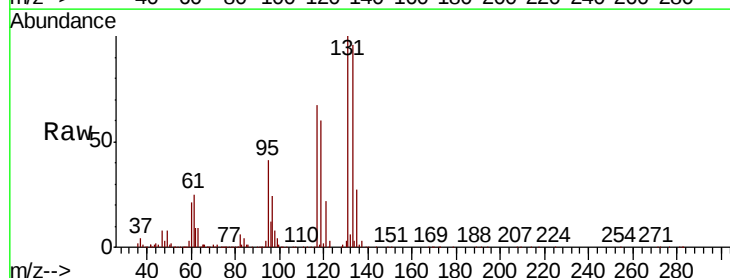
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBSD01

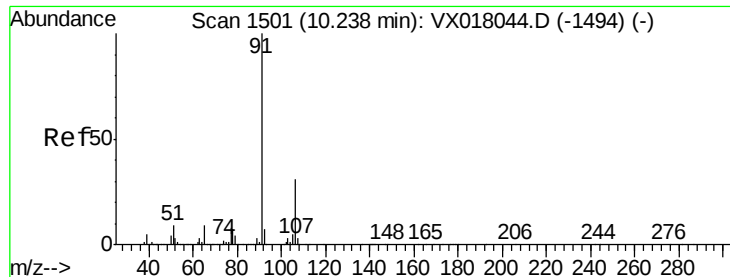
Tot Ion:112 Resp: 237447
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 22.249 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX018437.D
Acq: 16 Sep 2020 14:11

Tgt Ion:131 Resp: 98028
Ion Ratio Lower Upper
131 100
133 96.0 46.7 140.1
119 61.9 31.8 95.4





#67

Ethyl Benzene

Concen: 21.019 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

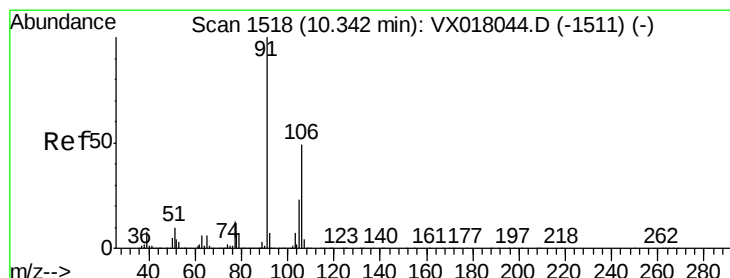
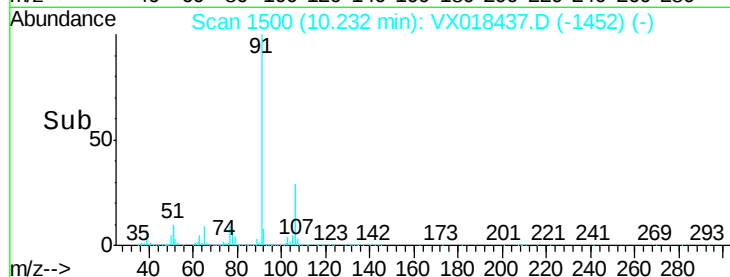
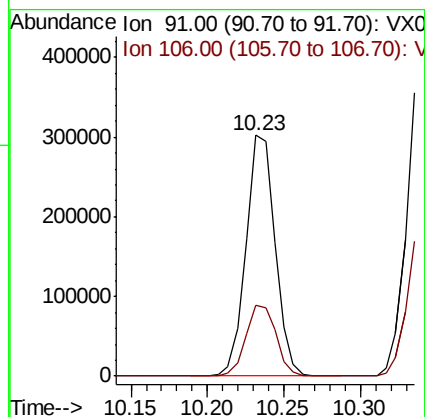
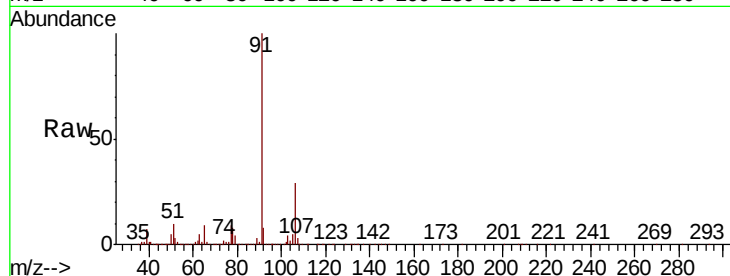
VX0916MBSD01

Tot Ion: 91 Resp: 399586

Ion Ratio Lower Upper

91 100

106 29.3 24.9 37.3



#68

m/p-Xylenes

Concen: 42.363 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018437.D

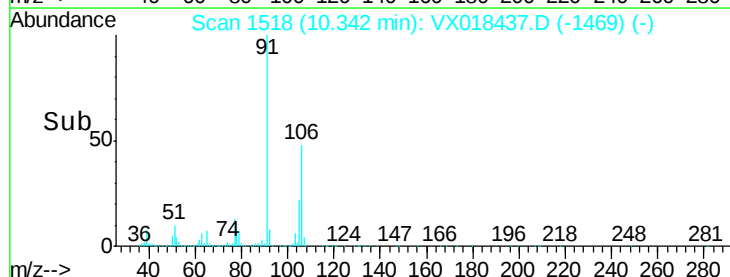
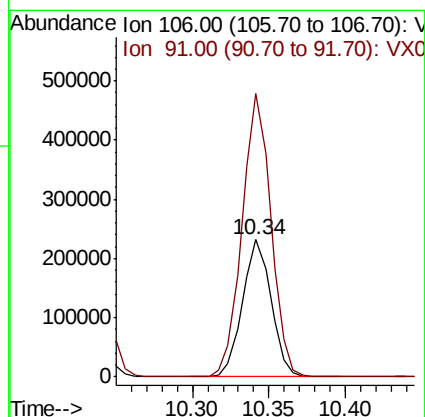
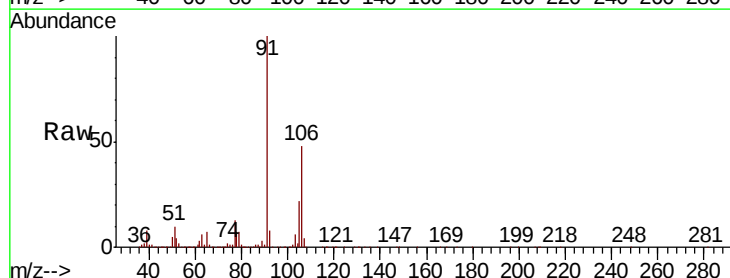
Acq: 16 Sep 2020 14:11

Tgt Ion: 106 Resp: 300587

Ion Ratio Lower Upper

106 100

91 208.5 162.2 243.2

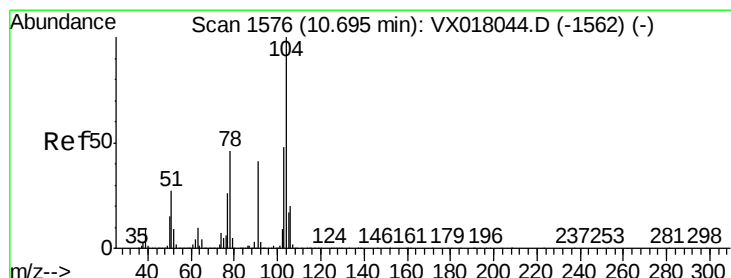
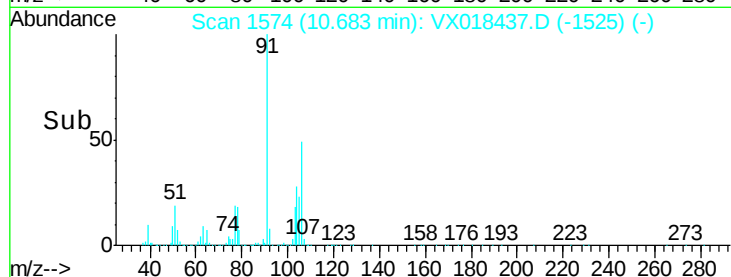
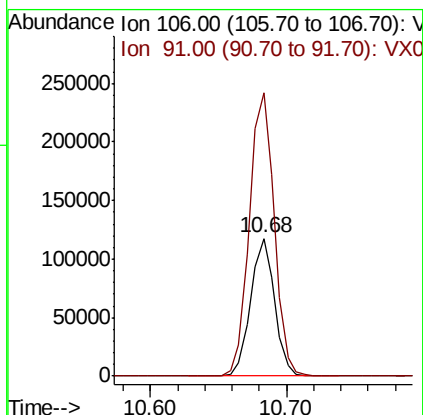
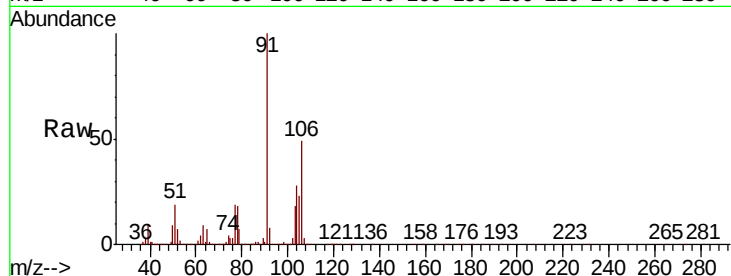




#69
o-Xylene
Concen: 21.350 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018437.D
Acq: 16 Sep 2020 14:11

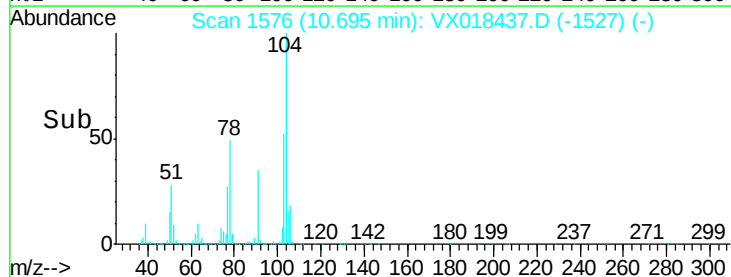
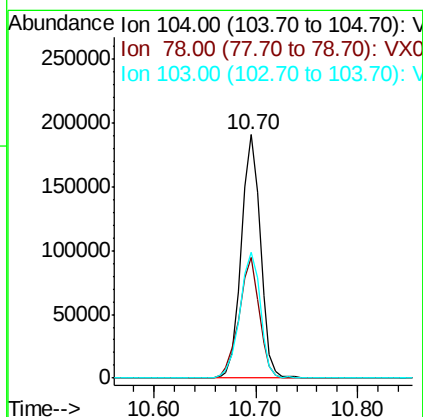
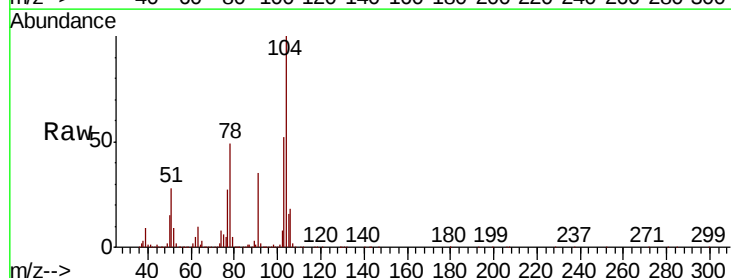
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBSD01

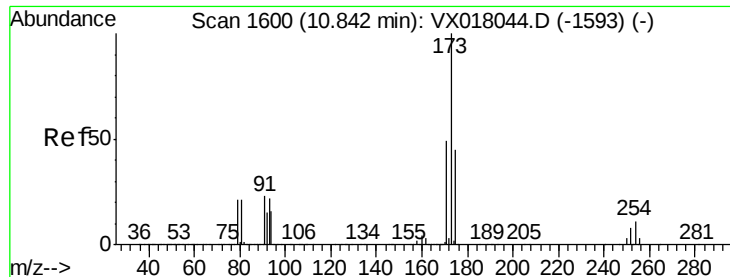
Tot Ion:106 Resp: 146854
Ion Ratio Lower Upper
106 100
91 211.6 107.1 321.3



#70
Styrene
Concen: 21.075 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018437.D
Acq: 16 Sep 2020 14:11

Tgt Ion:104 Resp: 246872
Ion Ratio Lower Upper
104 100
78 52.7 40.9 61.3
103 55.7 43.6 65.4





#71

Bromoform

Concen: 21.886 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0916MBS01

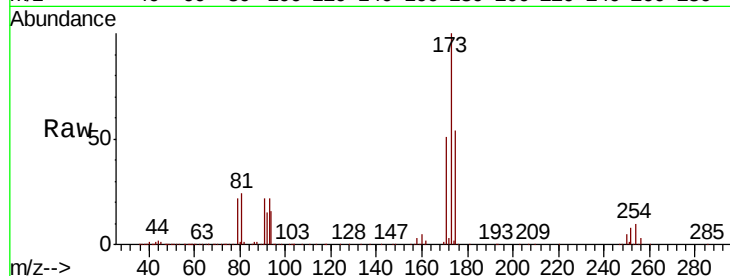
Tot Ion:173 Resp: 82250

Ion Ratio Lower Upper

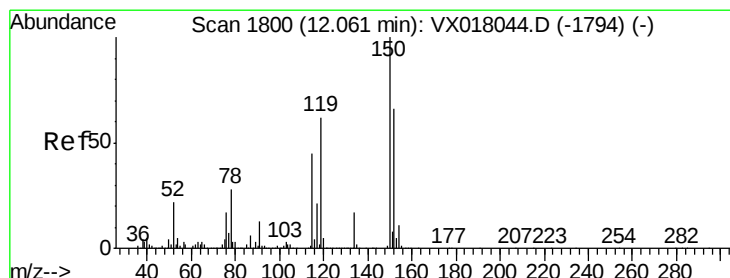
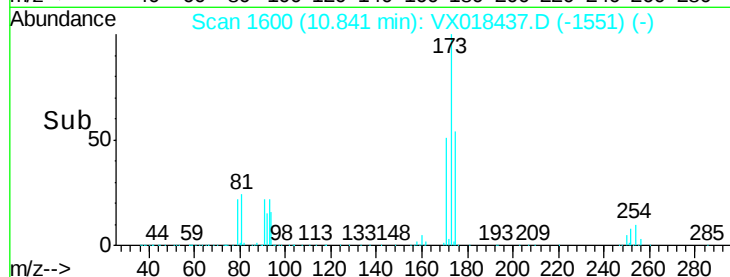
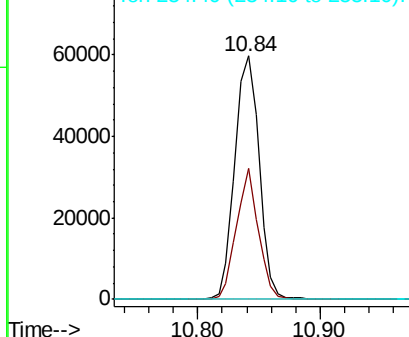
173 100

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: VX018437.D

Acq: 16 Sep 2020 14:11

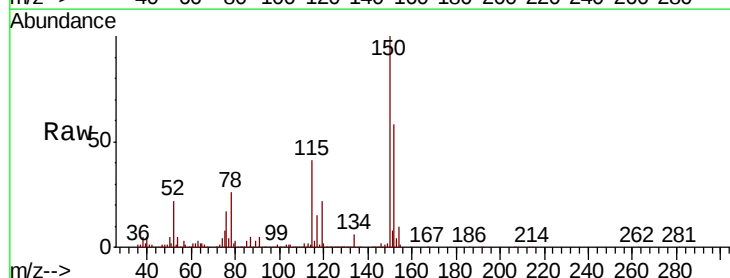
Tgt Ion:152 Resp: 293288

Ion Ratio Lower Upper

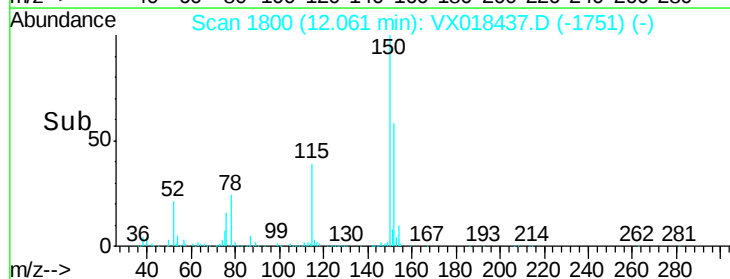
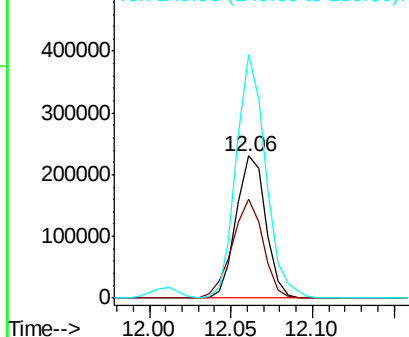
152 100

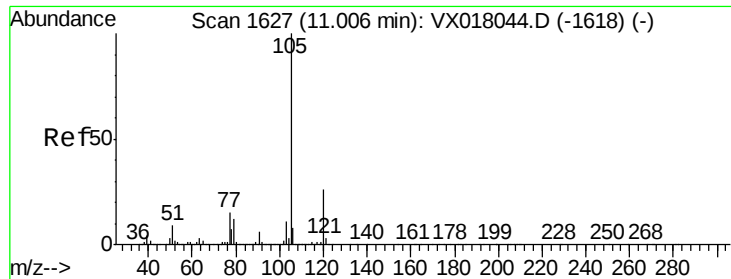
115 72.1 41.5 124.5

150 169.3 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.631 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

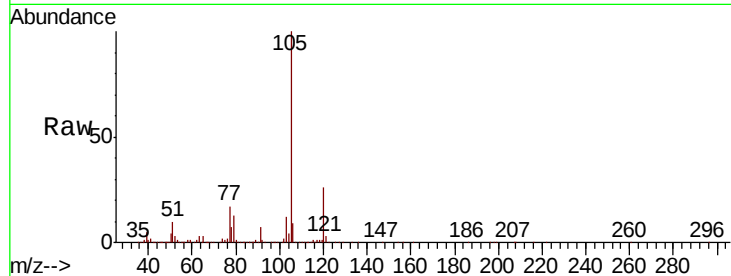
VX0916MBSD01

Tot Ion:105 Resp: 399124

Ion Ratio Lower Upper

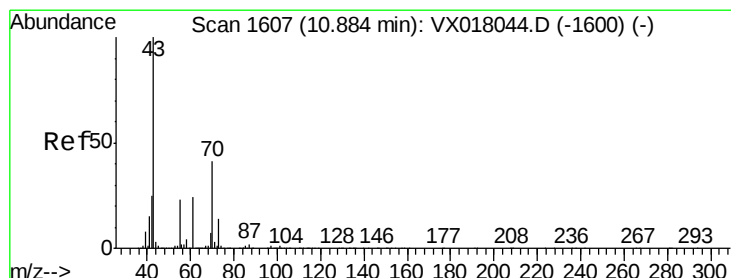
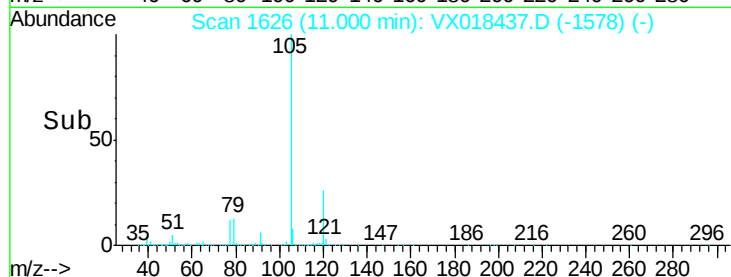
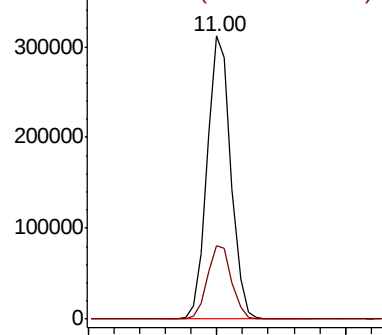
105 100

120 26.6 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: 18.946 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Tgt Ion: 43 Resp: 173904

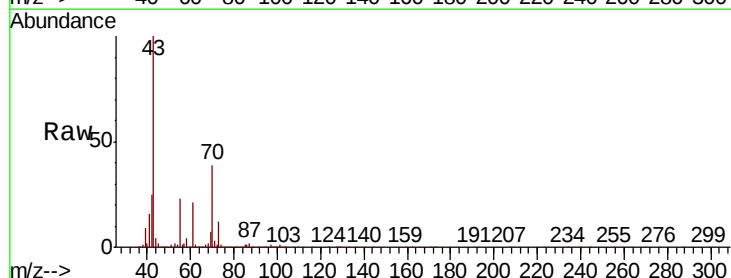
Ion Ratio Lower Upper

43 100

70 39.9 32.3 48.5

55 23.8 18.2 27.2

61 21.8 18.9 28.3

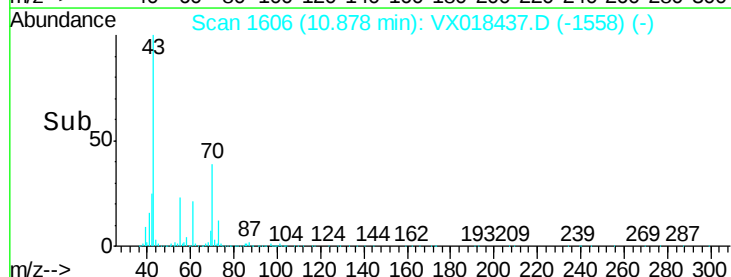
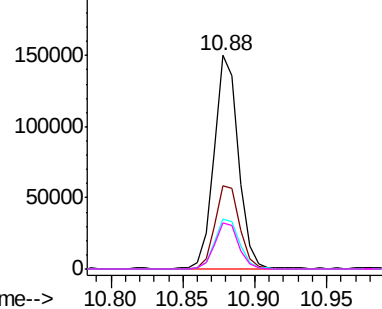


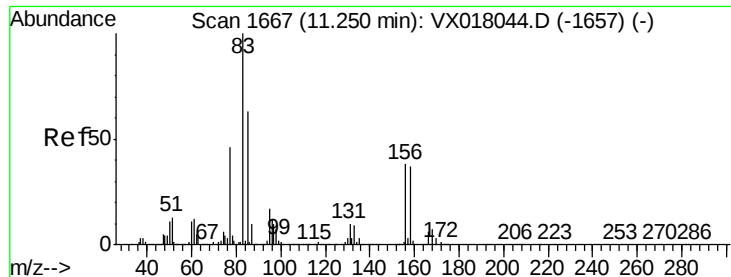
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.195 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0916MBS01

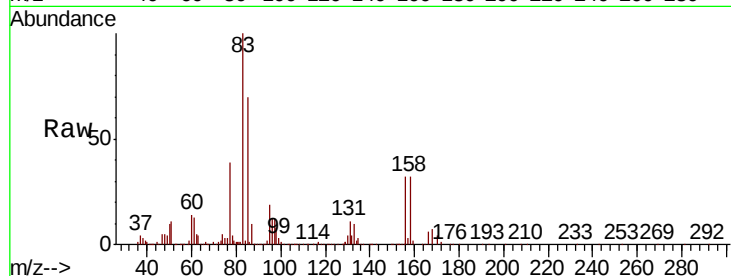
Tot Ion: 83 Resp: 137819

Ion Ratio Lower Upper

83 100

131 11.4 5.1 15.4

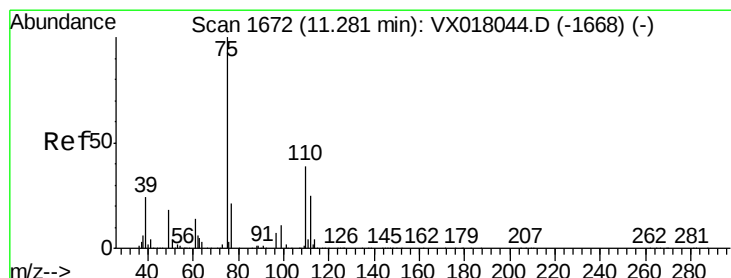
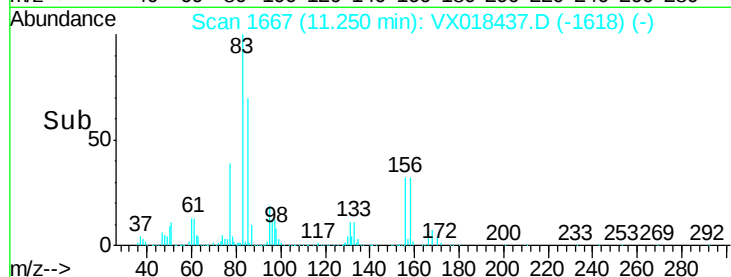
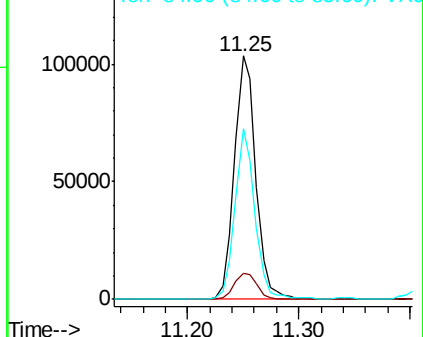
85 65.4 32.2 96.6



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: 24.919 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018437.D

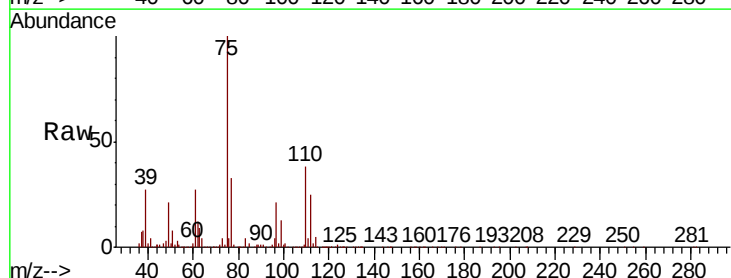
Acq: 16 Sep 2020 14:11

Tgt Ion: 75 Resp: 162580

Ion Ratio Lower Upper

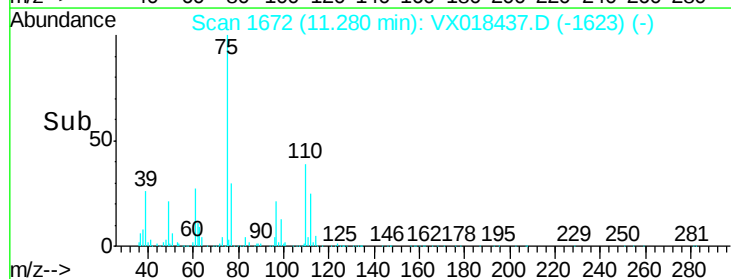
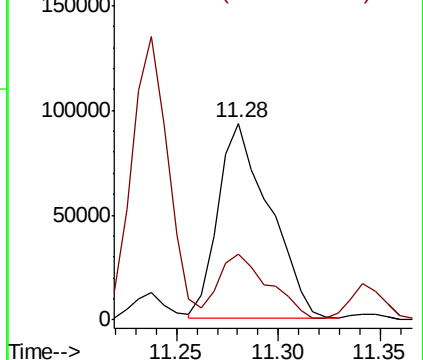
75 100

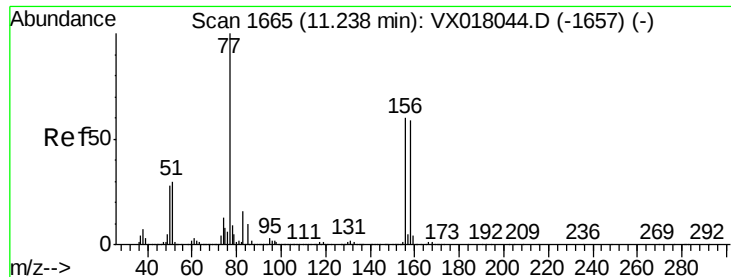
77 32.7 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.691 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0916MBSD01

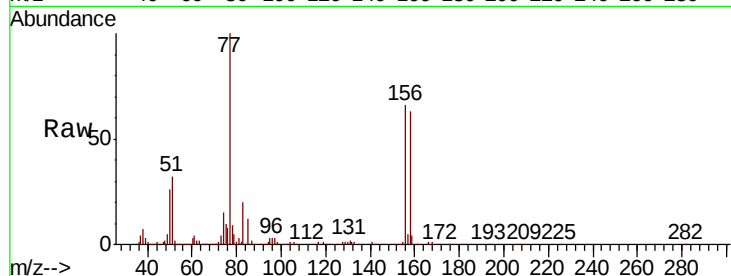
Tot Ion:156 Resp: 110643

Ion Ratio Lower Upper

156 100

77 153.2 80.0 240.2

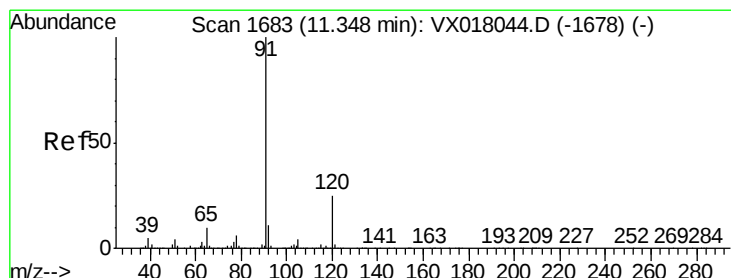
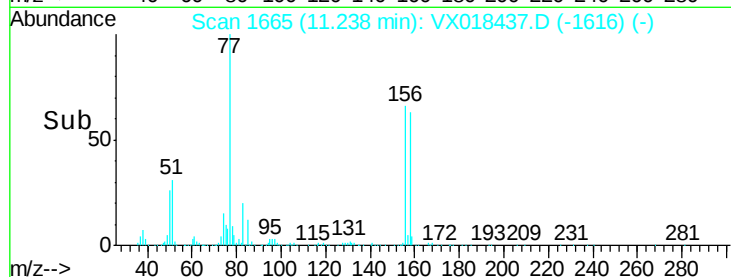
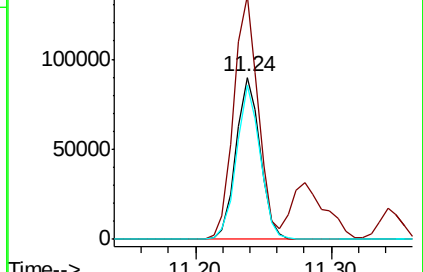
158 93.7 49.5 148.7



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: 21.054 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018437.D

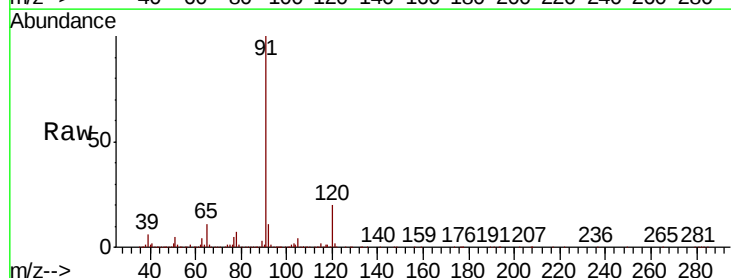
Acq: 16 Sep 2020 14:11

Tgt Ion: 91 Resp: 462466

Ion Ratio Lower Upper

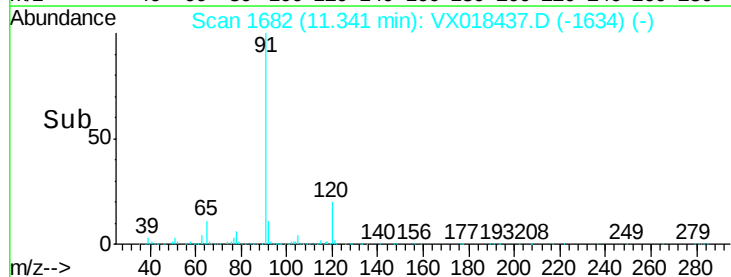
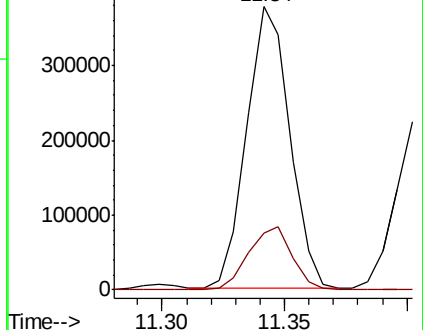
91 100

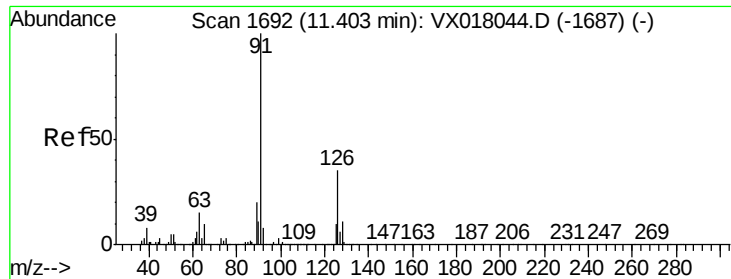
120 22.7 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

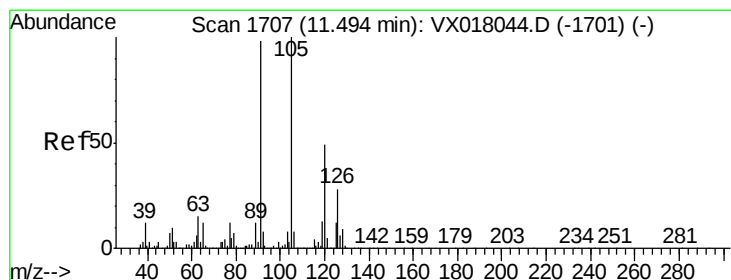
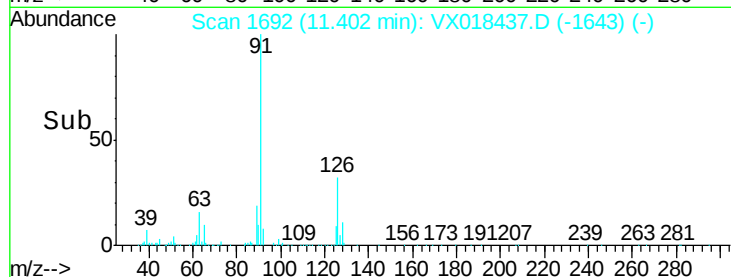
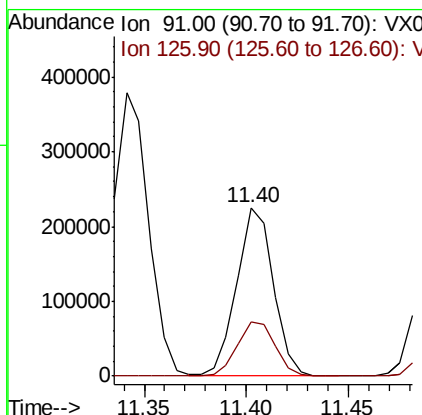
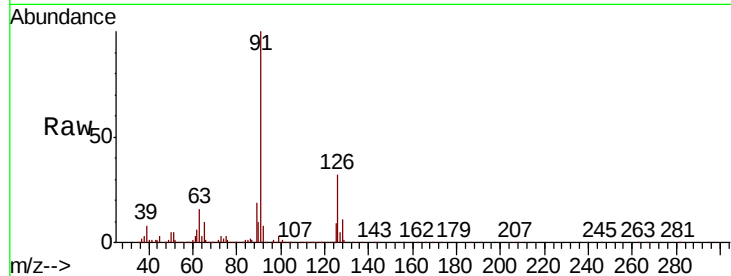




#79
 2-Chlorotoluene
 Concen: 20.557 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX018437.D
 Acq: 16 Sep 2020 14:11

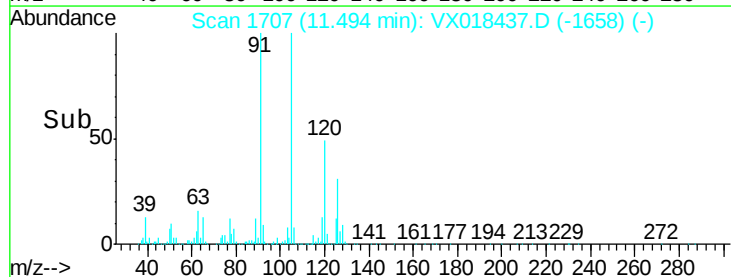
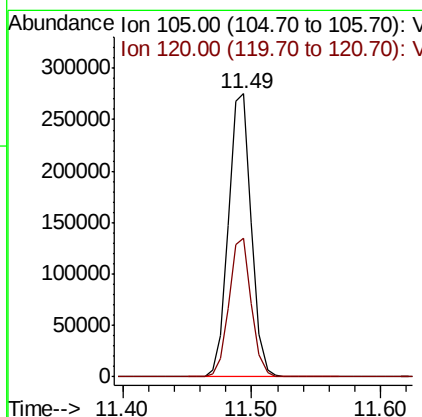
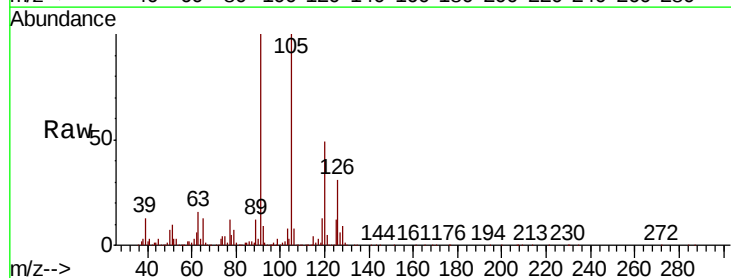
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916MBSD01

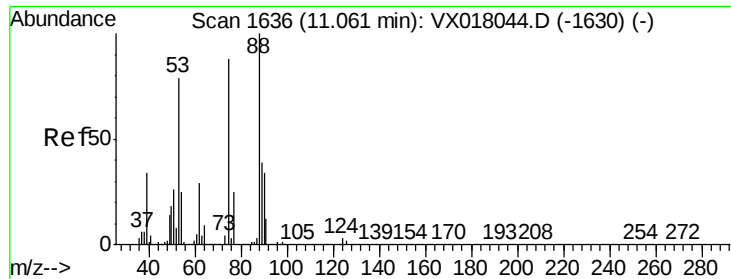
Tot Ion: 91 Resp: 278975
 Ion Ratio Lower Upper
 91 100
 126 34.2 17.4 52.2



#80
 1,3,5-Trimethylbenzene
 Concen: 21.593 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX018437.D
 Acq: 16 Sep 2020 14:11

Tgt Ion: 105 Resp: 343265
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.1 72.2

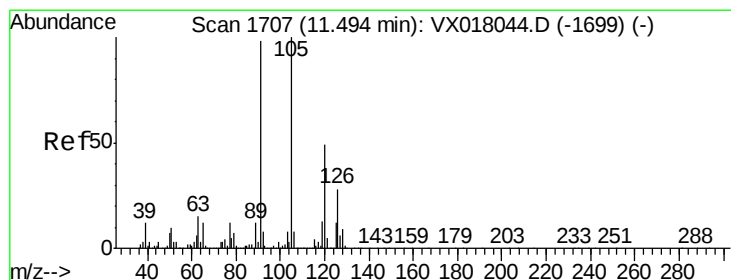
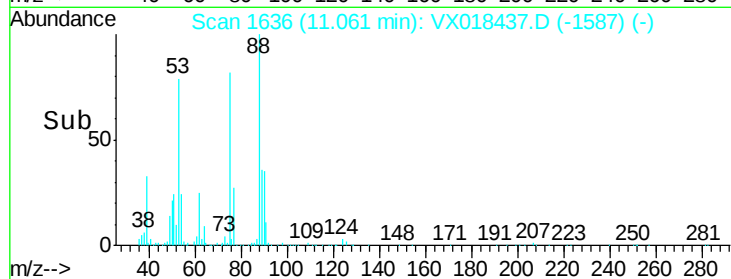
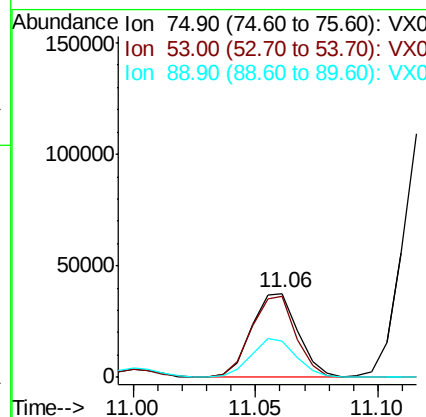
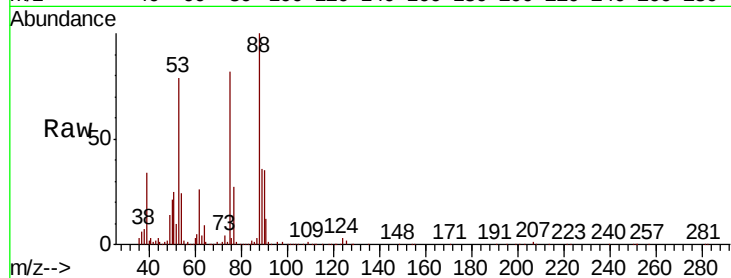




#81
trans-1,4-Dichloro-2-butene
Concen: 20.638 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX018437.D
Acq: 16 Sep 2020 14:11

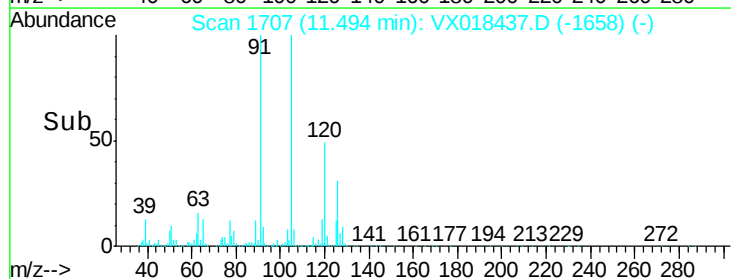
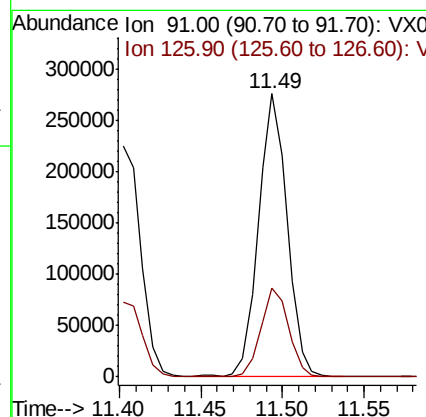
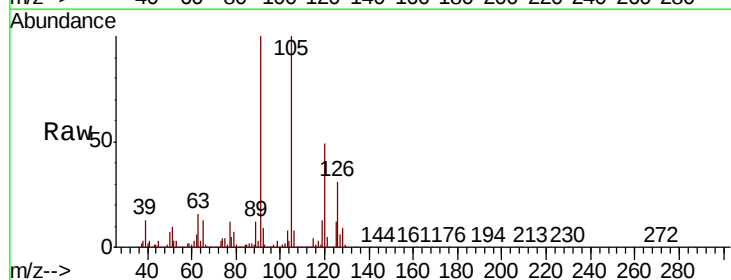
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBS01

Tot Ion: 75 Resp: 49854
Ion Ratio Lower Upper
75 100
53 92.3 74.7 112.1
89 45.8 36.6 54.8



#82
4-Chlorotoluene
Concen: 20.867 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018437.D
Acq: 16 Sep 2020 14:11

Tgt Ion: 91 Resp: 336649
Ion Ratio Lower Upper
91 100
126 30.8 15.1 45.3





#83

tert-Butylbenzene

Concen: 21.679 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0916MBSD01

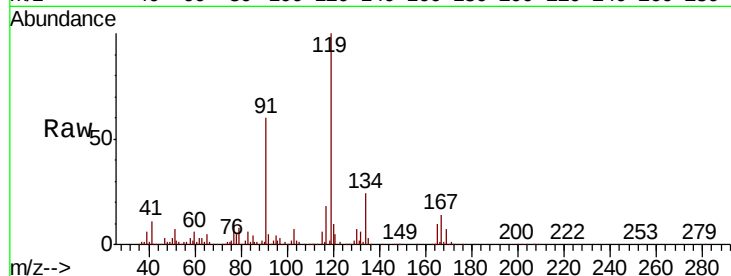
Tot Ion:119 Resp: 340107

Ion Ratio Lower Upper

119 100

91 57.7 28.2 84.7

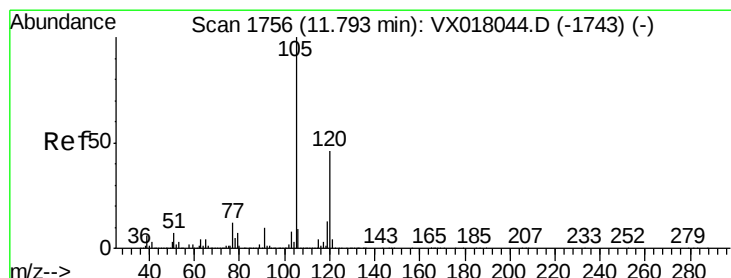
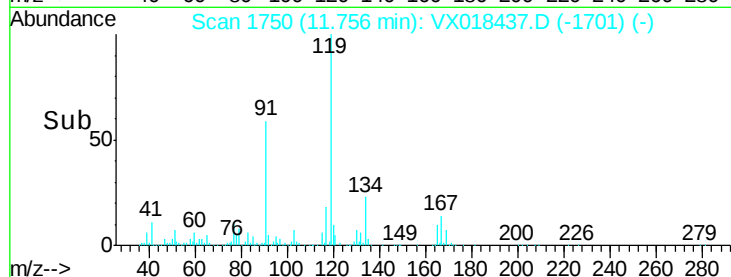
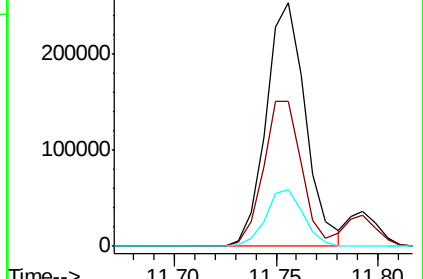
134 22.3 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.453 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018437.D

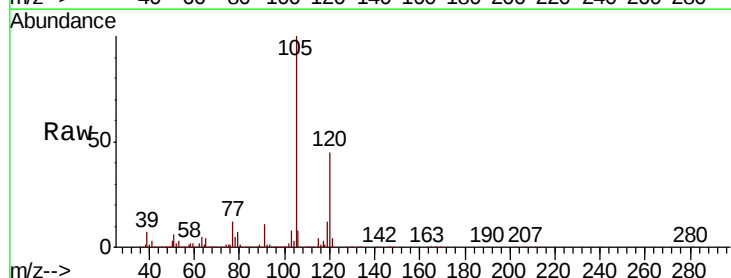
Acq: 16 Sep 2020 14:11

Tgt Ion:105 Resp: 348674

Ion Ratio Lower Upper

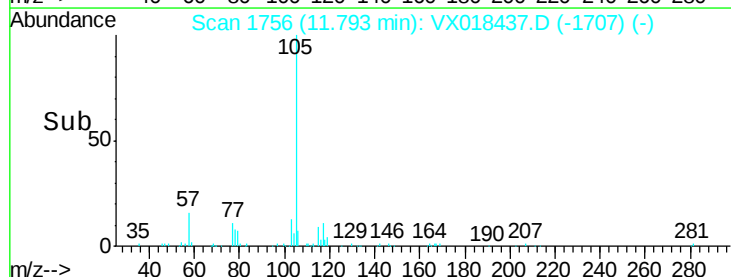
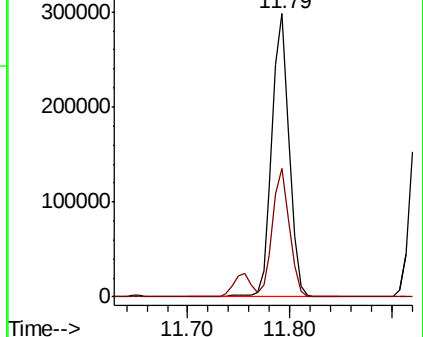
105 100

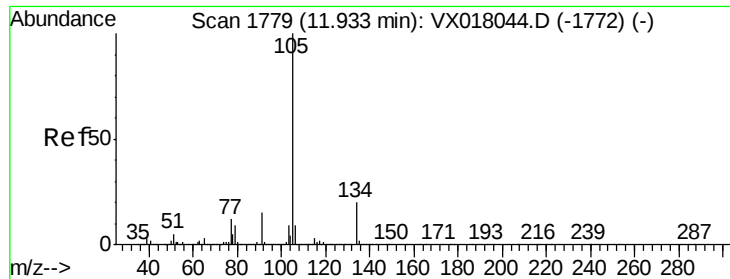
120 44.4 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

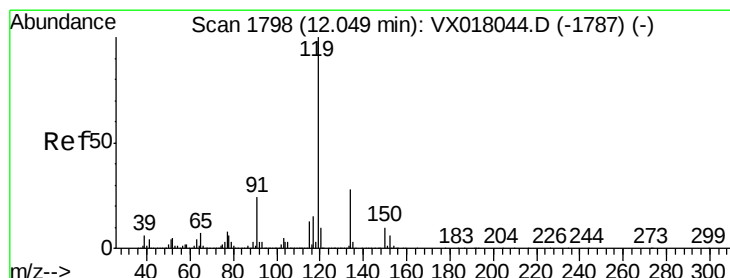
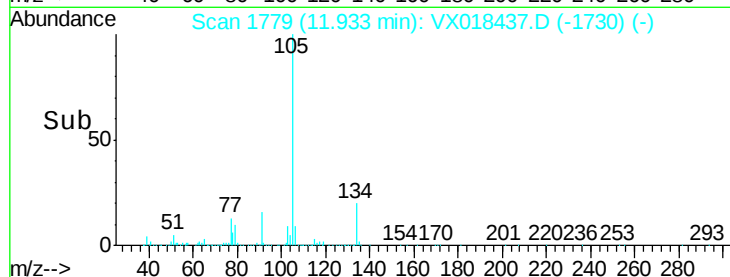
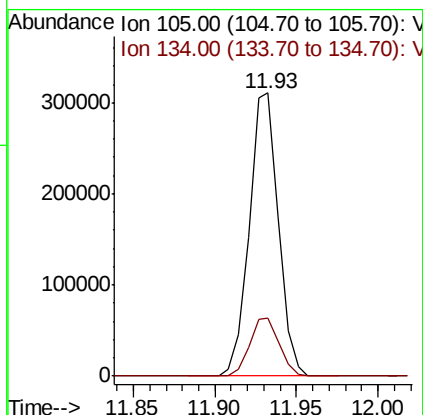
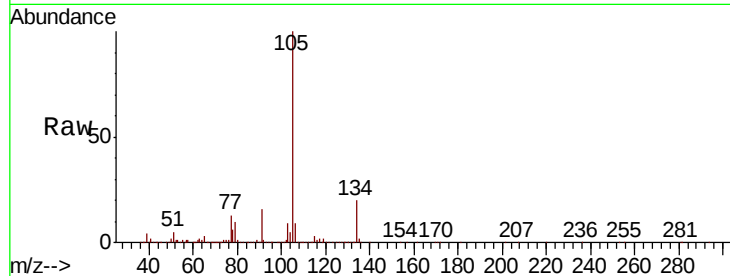




#85
 sec-Butylbenzene
 Concen: 21.661 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018437.D
 Acq: 16 Sep 2020 14:11

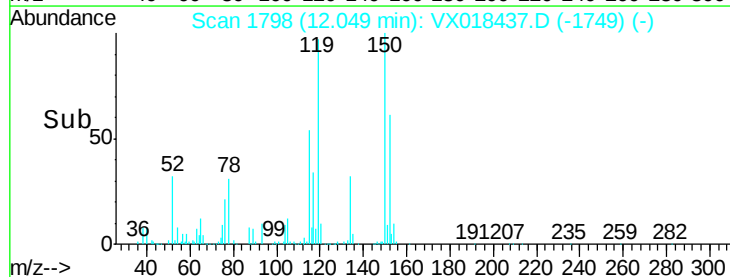
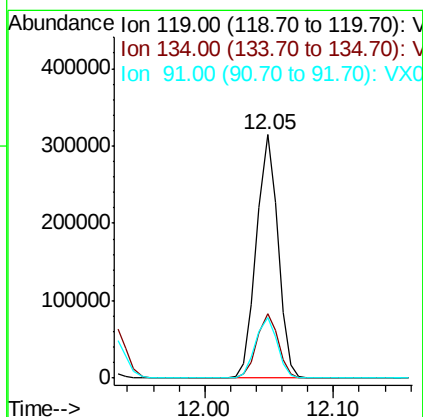
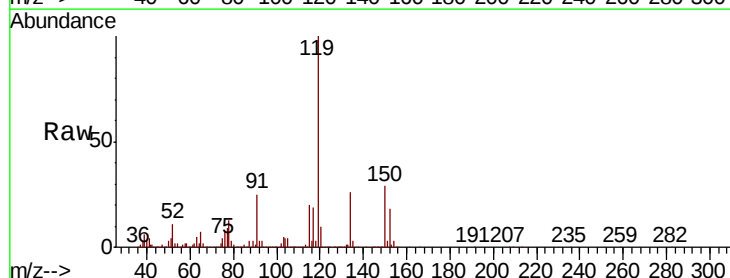
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916MBSD01

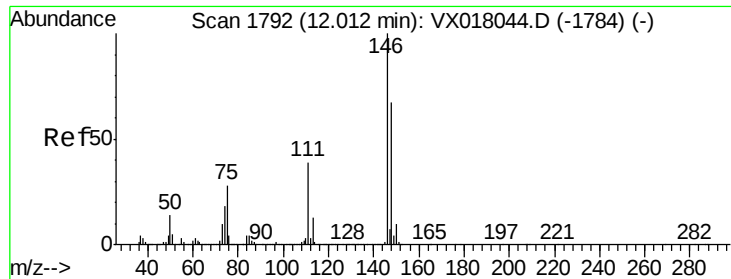
Tot Ion:105 Resp: 386455
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 22.072 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018437.D
 Acq: 16 Sep 2020 14:11

Tgt Ion:119 Resp: 361714
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.2 39.5
 91 25.3 11.8 35.4

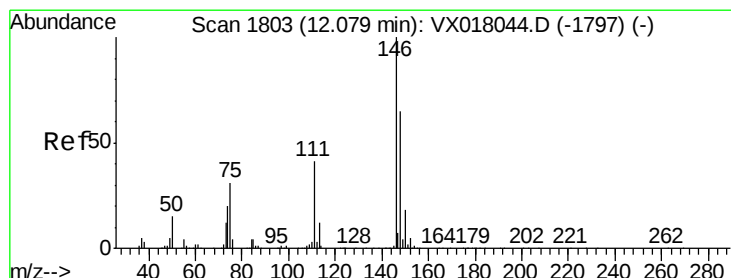
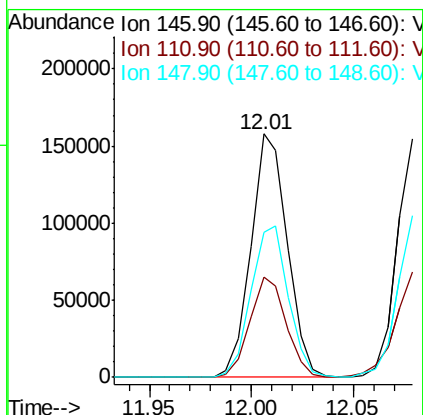
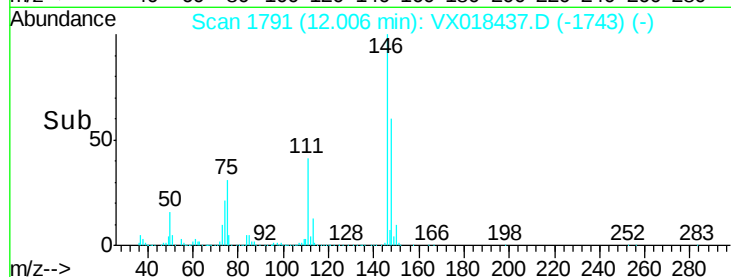
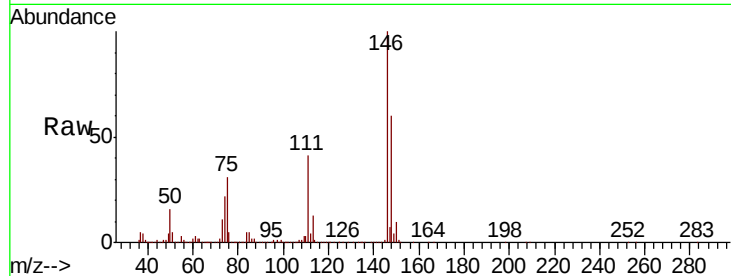




#87
 1,3-Dichlorobenzene
 Concen: 20.881 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX018437.D
 Acq: 16 Sep 2020 14:11

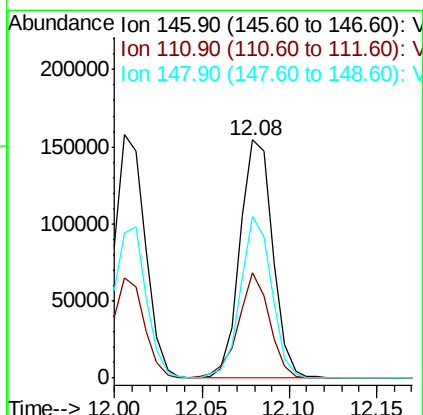
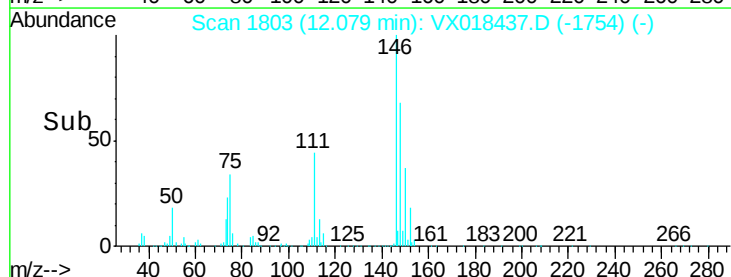
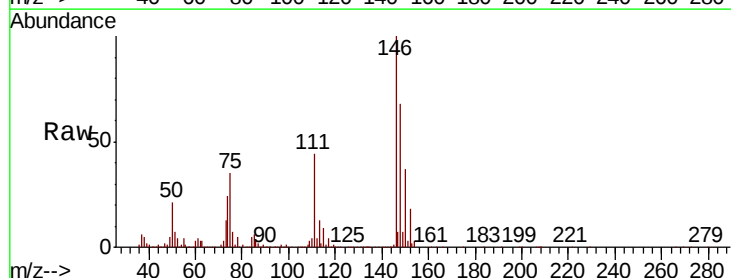
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916MBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.6	61.8
148	64.0	33.1	99.2



#88
 1,4-Dichlorobenzene
 Concen: 21.264 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018437.D
 Acq: 16 Sep 2020 14:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.3	60.8
148	64.9	33.1	99.2

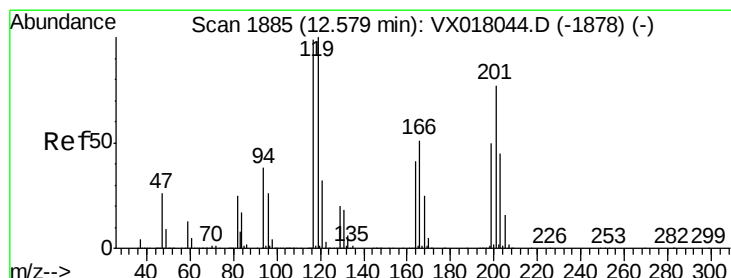
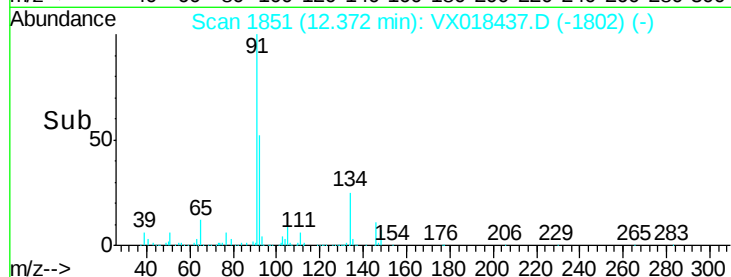
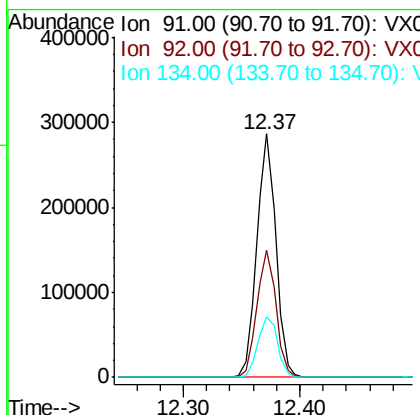
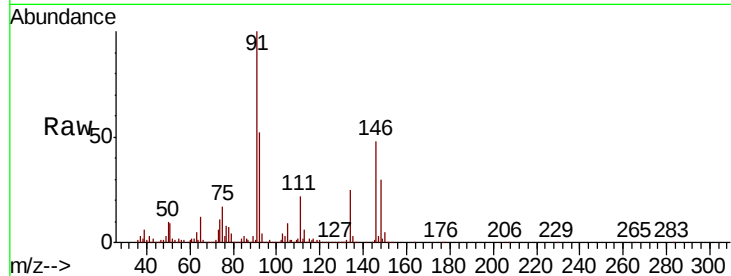




#89
n-Butylbenzene
Concen: 21.935 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018437.D
Acq: 16 Sep 2020 14:11

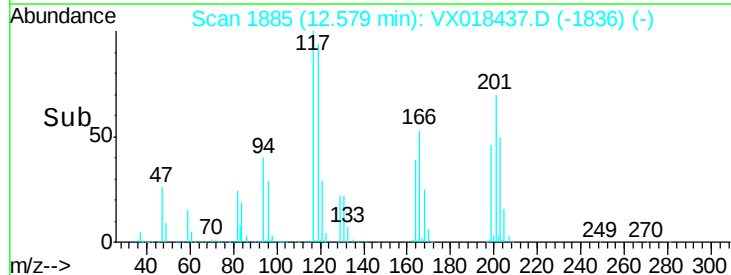
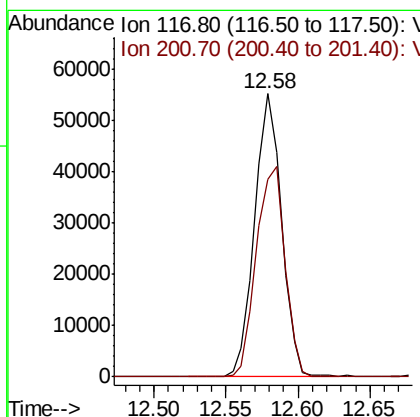
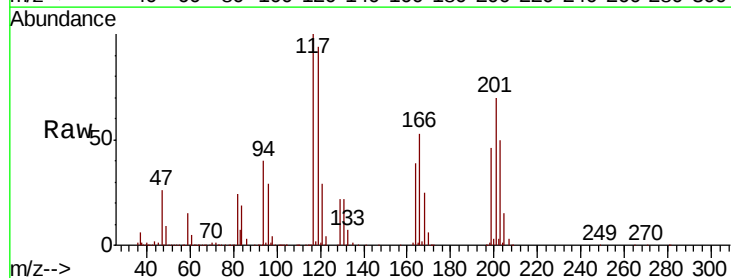
Instrument :
MSVOA_X
ClientSampleId :
VX0916MBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.4	79.2
134	25.8	12.9	38.7



#90
Hexachloroethane
Concen: 22.159 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018437.D
Acq: 16 Sep 2020 14:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.7	38.5	115.3





#91

1,2-Dichlorobenzene

Concen: 21.846 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0916MBS01

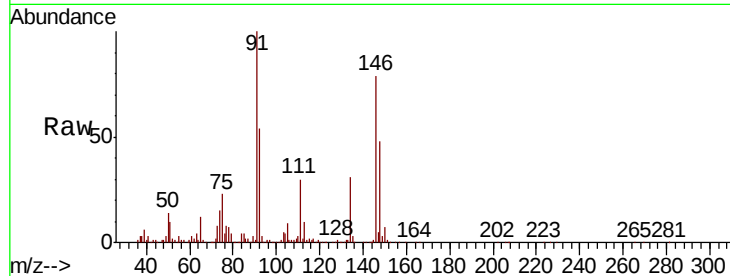
Tot Ion:146 Resp: 193067

Ion Ratio Lower Upper

146 100

111 41.5 20.8 62.5

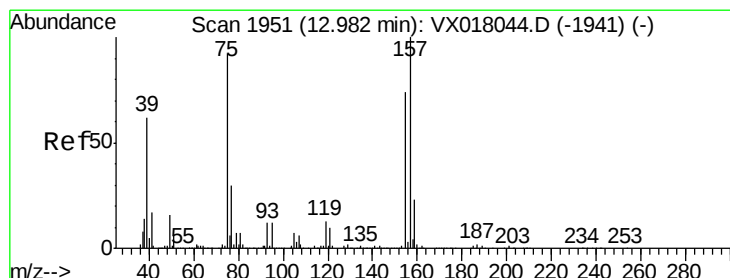
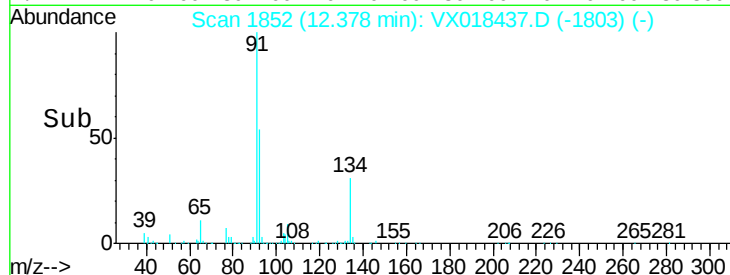
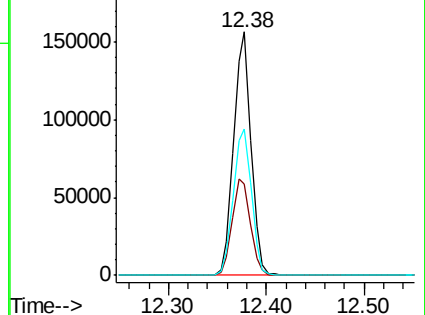
148 62.8 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.781 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

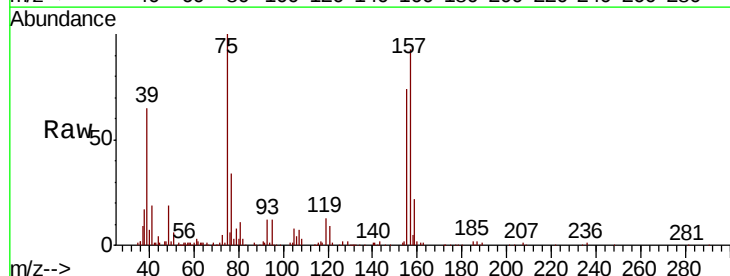
Tgt Ion: 75 Resp: 33754

Ion Ratio Lower Upper

75 100

155 78.6 40.2 120.6

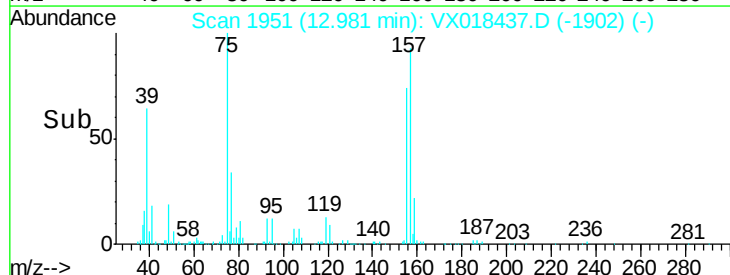
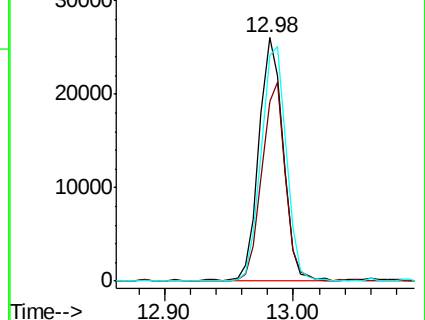
157 99.8 55.0 165.2

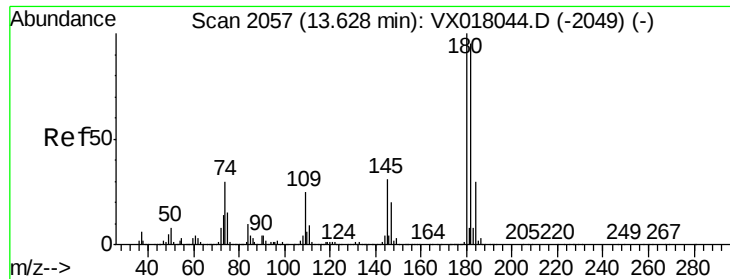


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

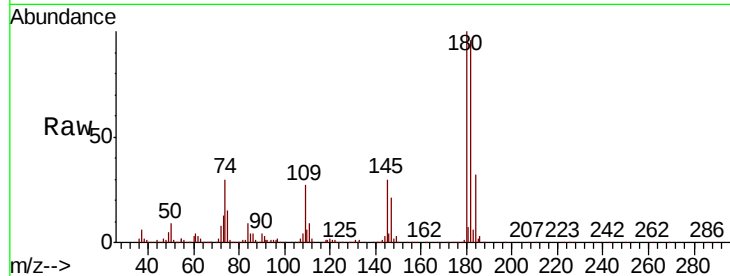




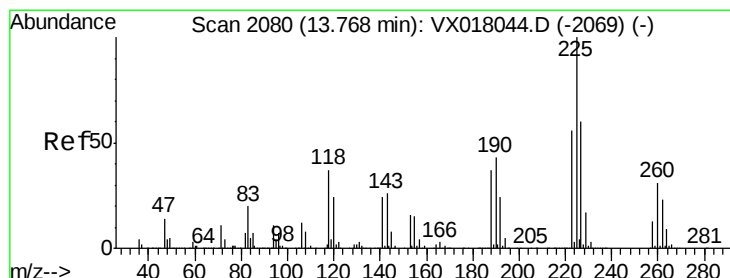
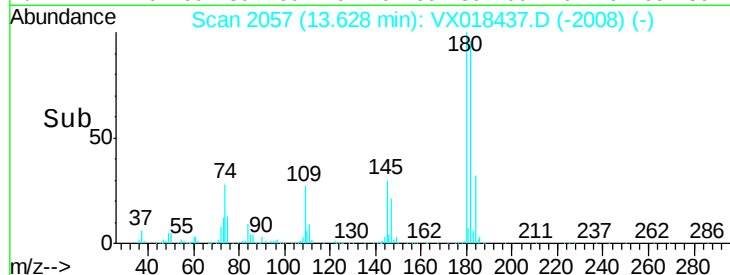
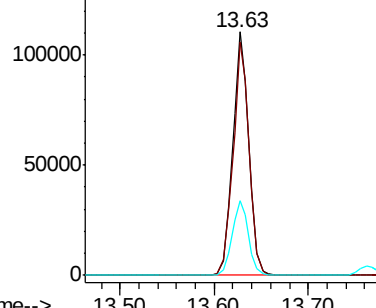
#93
 1,2,4-Trichlorobenzene
 Concen: 22.530 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018437.D
 Acq: 16 Sep 2020 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916MBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.5	142.6
145	31.1	15.7	47.1

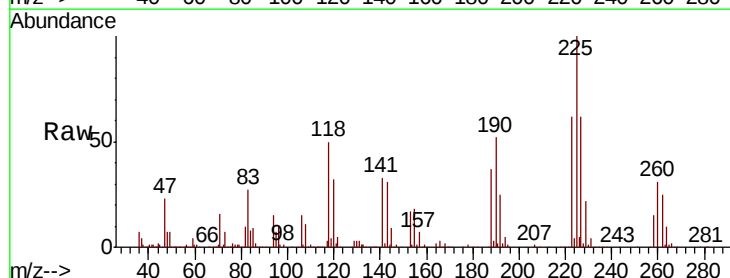


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

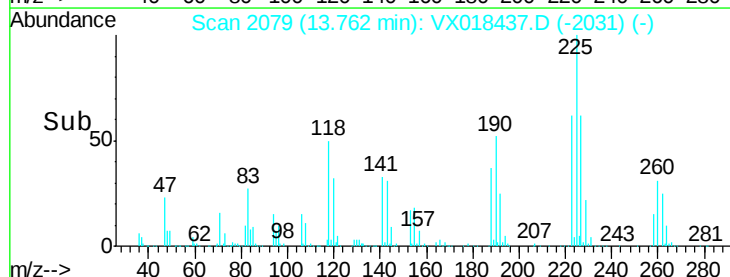
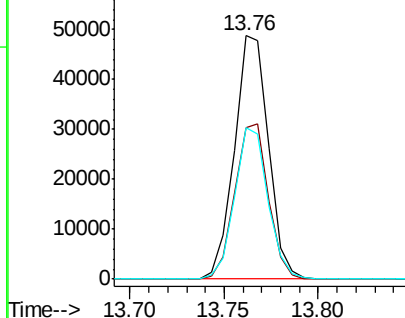


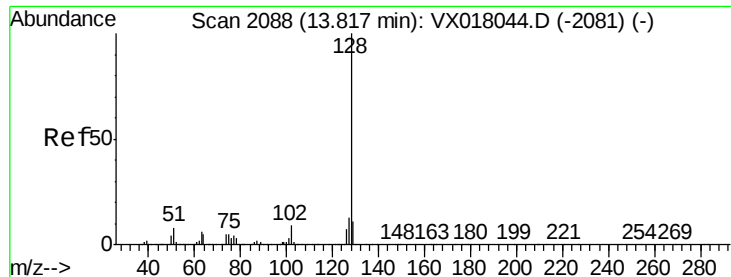
#94
 Hexachlorobutadiene
 Concen: 26.259 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018437.D
 Acq: 16 Sep 2020 14:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	30.7	92.1
227	60.8	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: 20.392 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0916MBSD01

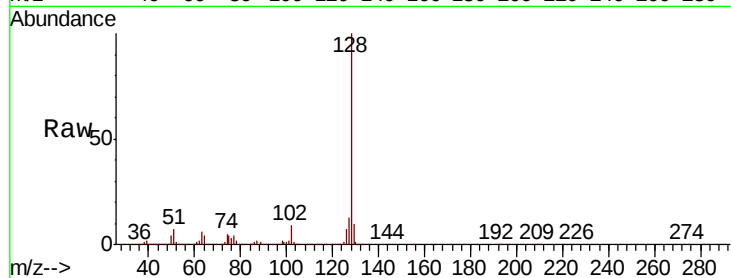
Tot Ion:128 Resp: 395503

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.2

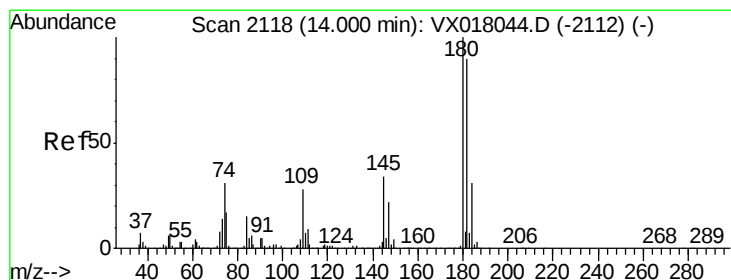
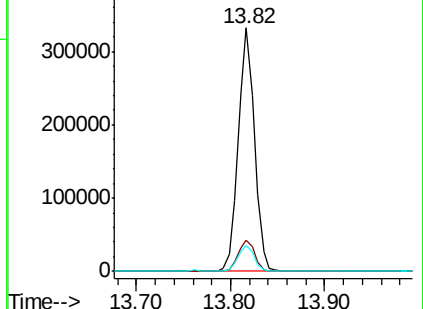
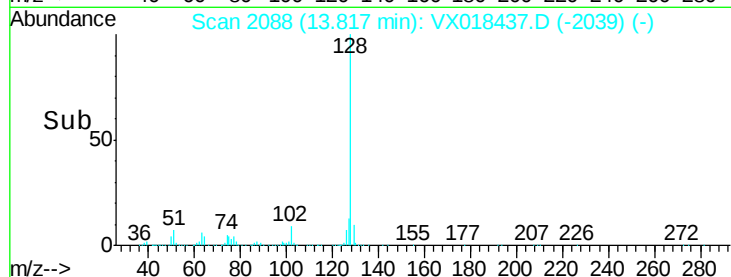
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.722 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018437.D

Acq: 16 Sep 2020 14:11

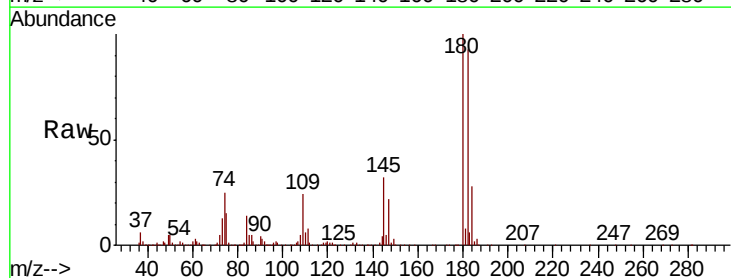
Tgt Ion:180 Resp: 126492

Ion Ratio Lower Upper

180 100

182 97.7 47.3 142.0

145 34.7 17.5 52.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

