

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091420\
 Data File : VX018377.D
 Acq On : 14 Sep 2020 11:45
 Operator : JC/SP
 Sample : VX0914WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 15 05:09:06 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	5.62	168	458055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	691604	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	643920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	344878	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	287202	45.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.32%	
35) Dibromofluoromethane	5.46	113	225800	47.94	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	95.88%	
50) Toluene-d8	8.70	98	765816	43.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.30%	
62) 4-Bromofluorobenzene	11.12	95	295638	42.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.66%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	93090	16.692	ug/l	97
3) Chloromethane	1.31	50	85675	14.571	ug/l	98
4) Vinyl Chloride	1.39	62	91360	15.609	ug/l	100
5) Bromomethane	1.63	94	64294	22.775	ug/l	97
6) Chloroethane	1.72	64	55328	17.600	ug/l	96
7) Trichlorofluoromethane	1.92	101	158890	19.909	ug/l	99
8) Diethyl Ether	2.17	74	49585	18.320	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	78702	18.241	ug/l	98
10) Methyl Iodide	2.49	142	80058	20.796	ug/l	97
11) Tert butyl alcohol	3.01	59	96303	77.889	ug/l	98
12) 1,1-Dichloroethene	2.36	96	75833	16.941	ug/l	93
13) Acrolein	2.27	56	44222	86.258	ug/l	99
14) Allyl chloride	2.70	41	135960	16.906	ug/l	96
15) Acrylonitrile	3.11	53	225070	80.248	ug/l	100
16) Acetone	2.42	43	204495	82.529	ug/l	96
17) Carbon Disulfide	2.55	76	198542	14.672	ug/l	100
18) Methyl Acetate	2.75	43	115776	19.363	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	275113	17.921	ug/l	99
20) Methylene Chloride	2.83	84	88781	16.747	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	82970	16.730	ug/l	98
22) Diisopropyl ether	3.82	45	276325	17.408	ug/l	# 86
23) Vinyl Acetate	3.78	43	1182191	83.701	ug/l	99
24) 1,1-Dichloroethane	3.67	63	156254	17.293	ug/l	99
25) 2-Butanone	4.63	43	314842	77.314	ug/l	99
26) 2,2-Dichloropropane	4.54	77	151801	20.648	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	95877	16.779	ug/l	99
28) Bromochloromethane	4.97	49	72666	16.661	ug/l	95
29) Tetrahydrofuran	5.09	42	198080	76.411	ug/l	99
30) Chloroform	5.17	83	169328	18.098	ug/l	99
31) Cyclohexane	5.55	56	122723	16.124	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	161331	18.790	ug/l	99
36) 1,1-Dichloropropene	5.76	75	112057	17.567	ug/l	98
37) Ethyl Acetate	4.79	43	121316	16.375	ug/l	98
38) Carbon Tetrachloride	5.75	117	143345	19.940	ug/l	98

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 MSVOA_X
 ClientSampleId :

Quant Time: Sep 15 05:09:06 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)
39) Methylcyclohexane	7.44	83	120264	17.242	ug/l	91
40) Benzene	6.11	78	340135	18.146	ug/l	98
41) Methacrylonitrile	5.00	41	67977	16.710	ug/l	99
42) 1,2-Dichloroethane	6.16	62	141444	19.696	ug/l	98
43) Isopropyl Acetate	6.41	43	200978	16.795	ug/l	99
44) Trichloroethene	7.18	130	99174	18.725	ug/l	94
45) 1,2-Dichloropropane	7.49	63	91319	18.076	ug/l	98
46) Dibromomethane	7.63	93	64366	18.118	ug/l	97
47) Bromodichloromethane	7.87	83	138092	19.468	ug/l	98
48) Methyl methacrylate	7.74	41	99940	16.777	ug/l	99
49) 1,4-Dioxane	7.71	88	35928	332.953	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	630099	85.242	ug/l	98
52) Toluene	8.76	92	212888	17.912	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	144884	18.429	ug/l	93
54) cis-1,3-Dichloropropene	8.42	75	152400	18.300	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	89460	17.648	ug/l	98
56) Ethyl methacrylate	9.16	69	126520	16.789	ug/l	98
57) 1,3-Dichloropropane	9.35	76	149244	17.851	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	300712	88.708	ug/l	100
59) 2-Hexanone	9.47	43	466801	83.051	ug/l	98
60) Dibromochloromethane	9.56	129	111325	18.721	ug/l	99
61) 1,2-Dibromoethane	9.65	107	97389	17.696	ug/l	97
64) Tetrachloroethene	9.32	164	96427	20.378	ug/l	94
65) Chlorobenzene	10.12	112	237152	18.440	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	97438	19.223	ug/l	97
67) Ethyl Benzene	10.23	91	396506	18.130	ug/l	98
68) m/p-Xylenes	10.34	106	308745	37.822	ug/l	98
69) o-Xylene	10.68	106	143923	18.188	ug/l	99
70) Styrene	10.70	104	250626	18.598	ug/l	99
71) Bromoform	10.84	173	82638	19.114	ug/l #	99
73) Isopropylbenzene	11.00	105	405139	17.809	ug/l	99
74) N-amyl acetate	10.88	43	169209	15.677	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	136285	16.983	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	162847	21.226	ug/l	84
77) Bromobenzene	11.24	156	107332	17.069	ug/l	98
78) n-propylbenzene	11.34	91	457540	17.714	ug/l	100
79) 2-Chlorotoluene	11.40	91	283241	17.749	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	349588	18.701	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	47044	16.561	ug/l	95
82) 4-Chlorotoluene	11.49	91	338447	17.840	ug/l	99
83) tert-Butylbenzene	11.76	119	337630	18.302	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	347974	18.207	ug/l	100
85) sec-Butylbenzene	11.93	105	383631	18.286	ug/l	100
86) p-Isopropyltoluene	12.05	119	360794	18.722	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	195401	17.699	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	201455	18.224	ug/l	98
89) n-Butylbenzene	12.37	91	317999	18.080	ug/l	98
90) Hexachloroethane	12.58	117	74385	19.619	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	187261	18.019	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	32576	16.235	ug/l	95

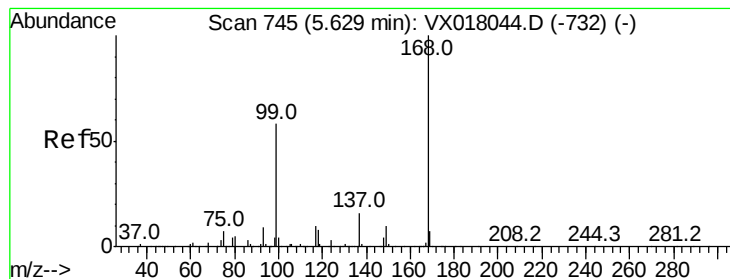
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	118419	17.088	ug/l	98
94) Hexachlorobutadiene	13.76	225	55155	20.178	ug/l	96
95) Naphthalene	13.82	128	372592	16.337	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	121719	17.776	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX018377.D

Acq: 14 Sep 2020 11:45

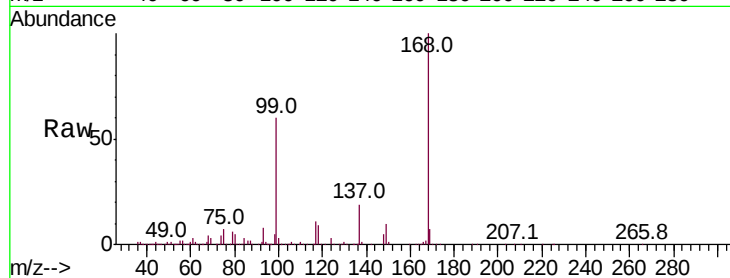
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 458055

Ion Ratio Lower Upper

168 100

99 60.1 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

150000

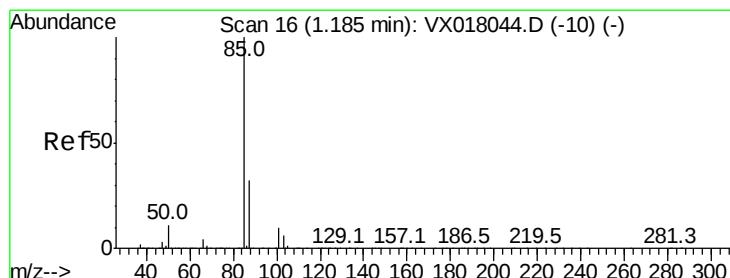
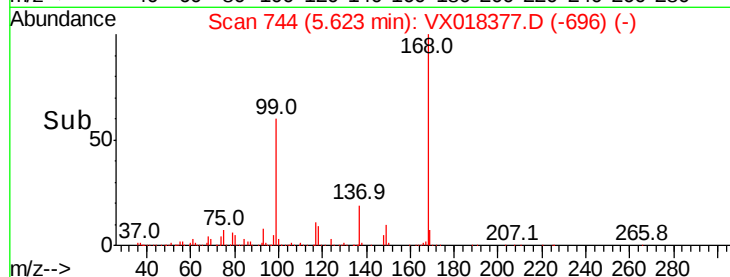
100000

50000

0

Time-->

5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 16.692 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018377.D

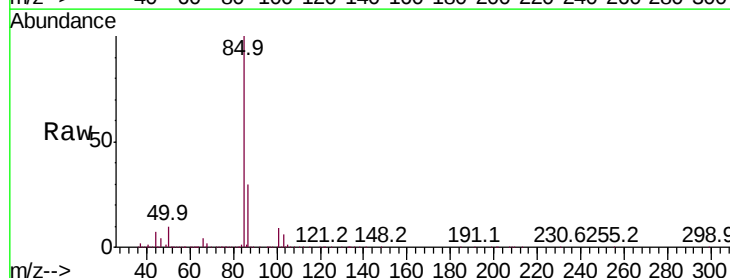
Acq: 14 Sep 2020 11:45

Tgt Ion: 85 Resp: 93090

Ion Ratio Lower Upper

85 100

87 30.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

120000

100000

80000

60000

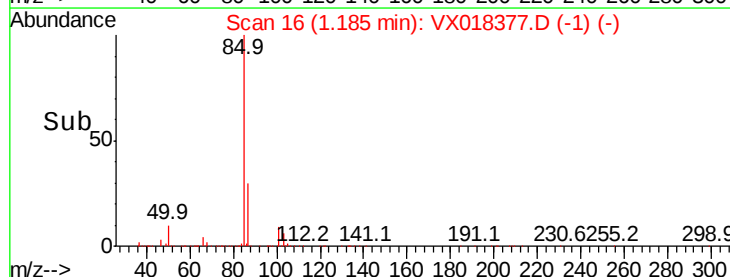
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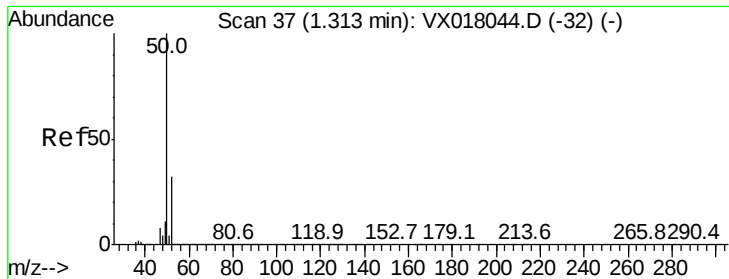
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Time-->

1.10 1.15 1.20 1.25

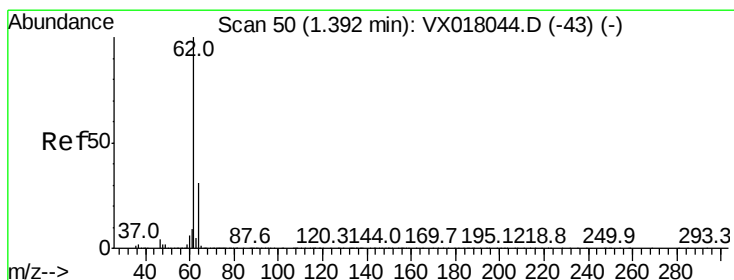
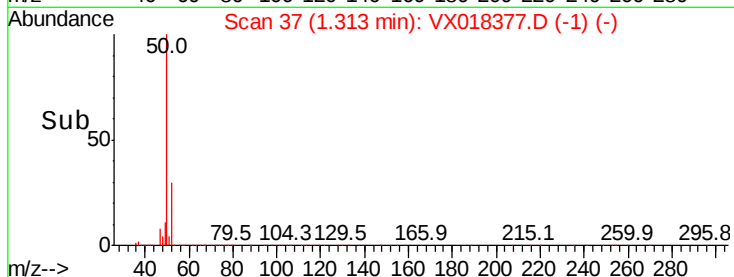
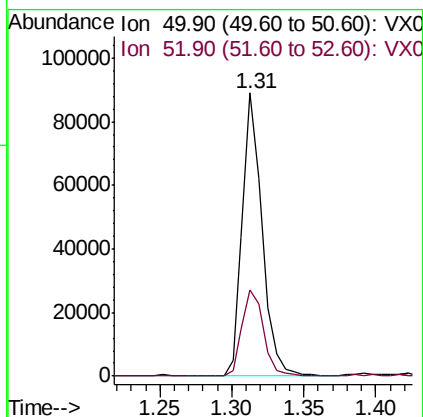
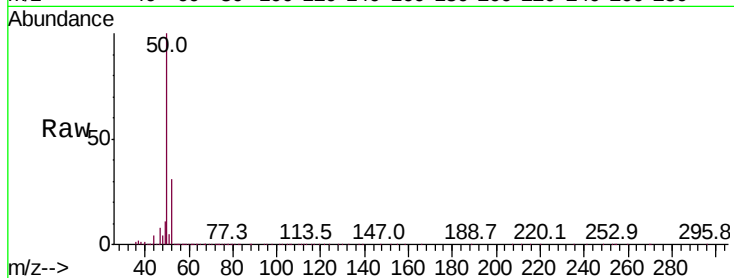




#3
Chloromethane
Concen: 14.571 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX018377.D
Acq: 14 Sep 2020 11:45

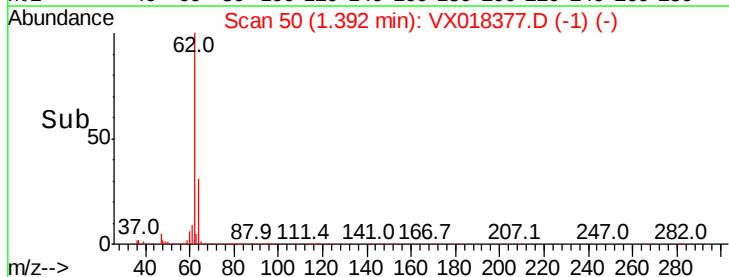
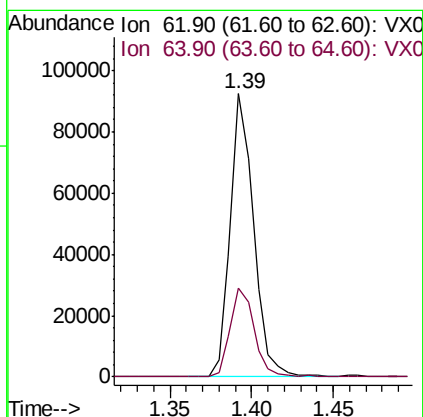
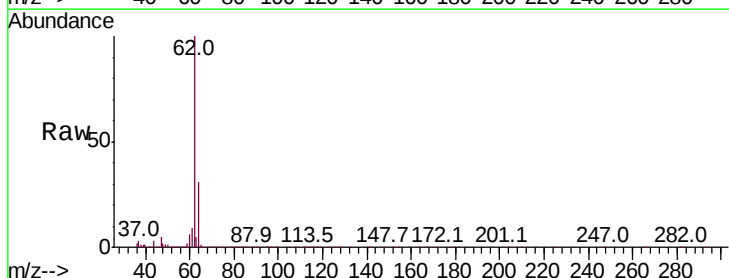
Instrument :
MSVOA_X
ClientSampleId :

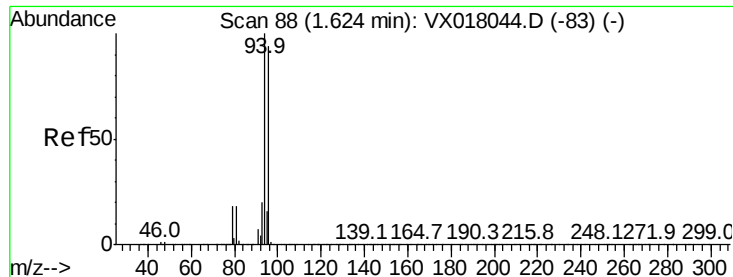
Tot Ion: 50 Resp: 85675
Ion Ratio Lower Upper
50 100
52 30.4 25.4 38.2



#4
Vinyl Chloride
Concen: 15.609 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX018377.D
Acq: 14 Sep 2020 11:45

Tgt Ion: 62 Resp: 91360
Ion Ratio Lower Upper
62 100
64 31.2 25.1 37.7





#5

Bromomethane

Concen: 22.775 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018377.D

Acq: 14 Sep 2020 11:45

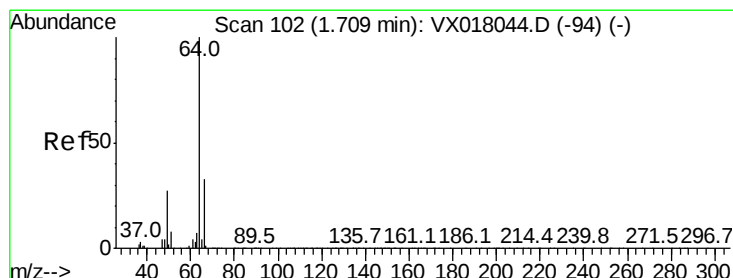
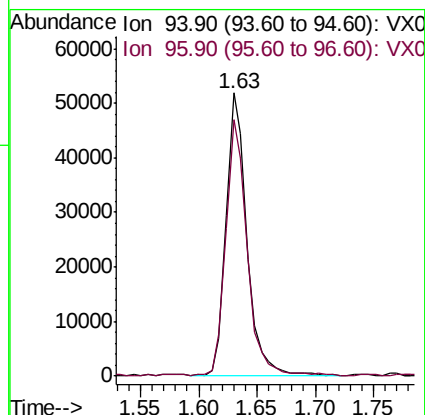
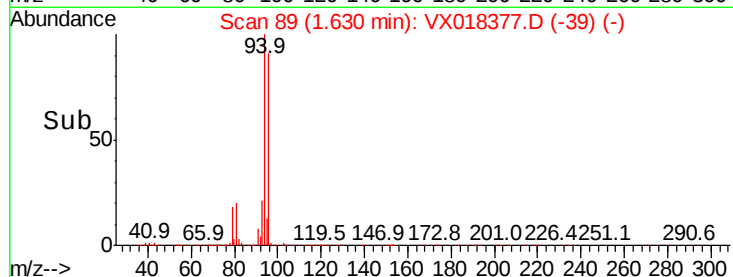
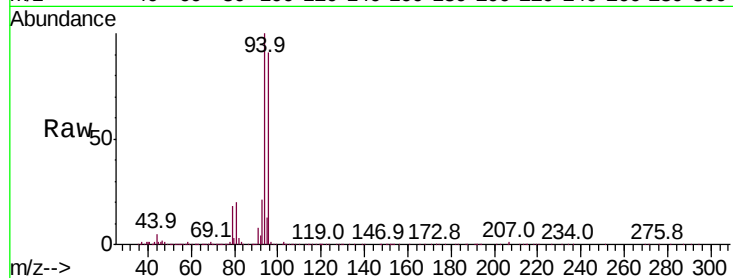
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 64294

Ion Ratio Lower Upper

94 100

96 90.5 74.8 112.2



#6

Chloroethane

Concen: 17.600 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018377.D

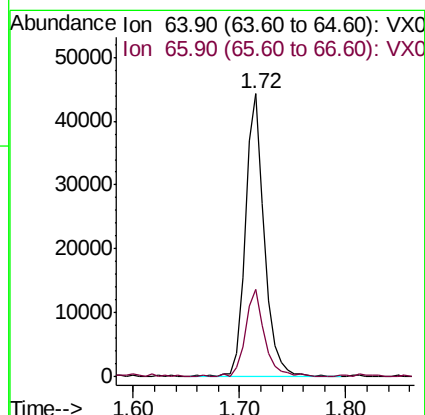
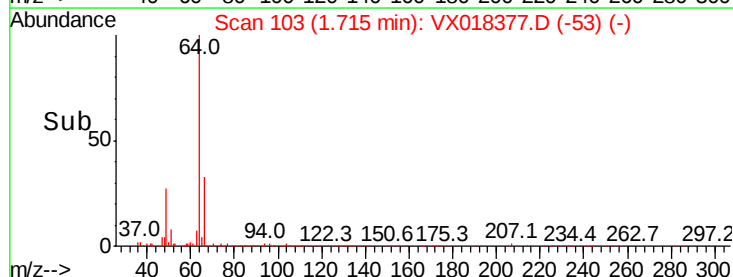
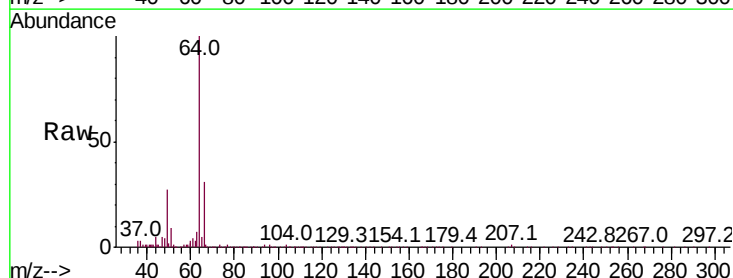
Acq: 14 Sep 2020 11:45

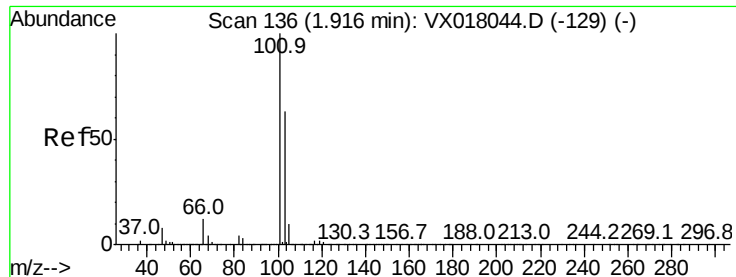
Tgt Ion: 64 Resp: 55328

Ion Ratio Lower Upper

64 100

66 30.8 26.6 39.8



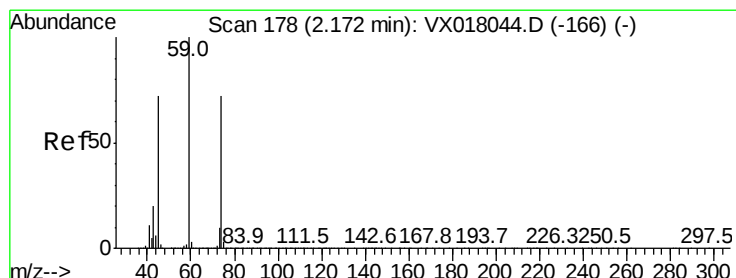
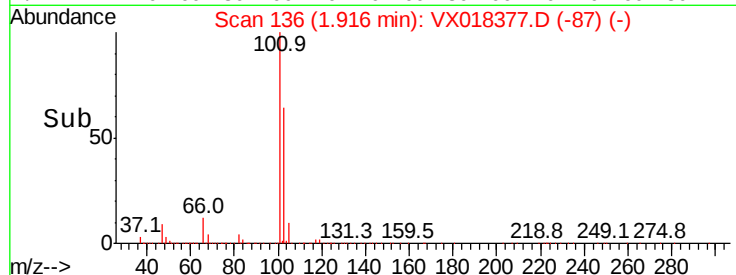
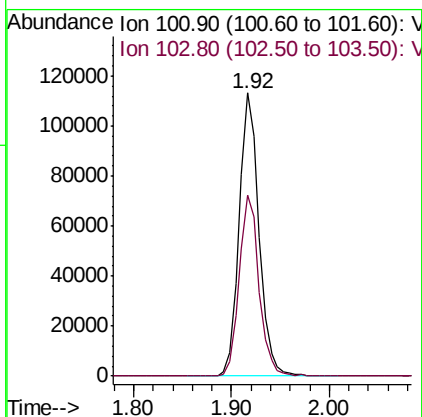
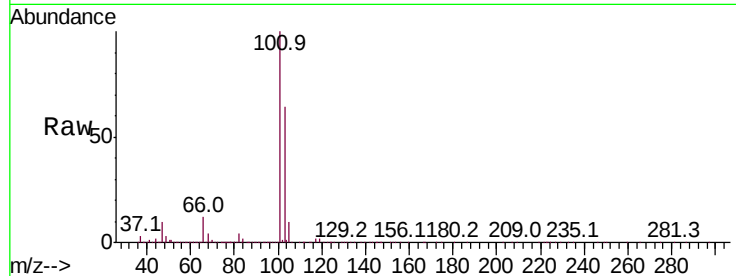


#7

Trichlorofluoromethane
Concen: 19.909 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018377.D
Acq: 14 Sep 2020 11:45

Instrument :
MSVOA_X
ClientSampleId :

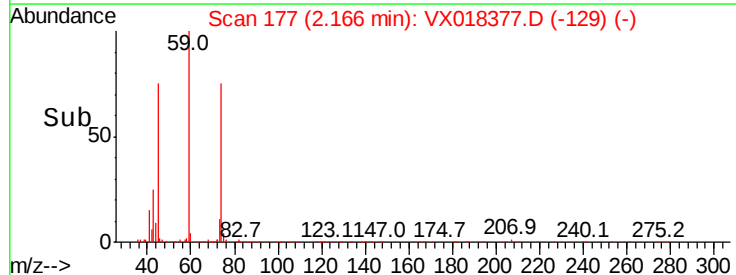
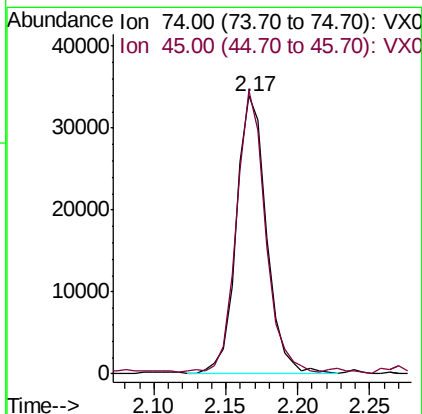
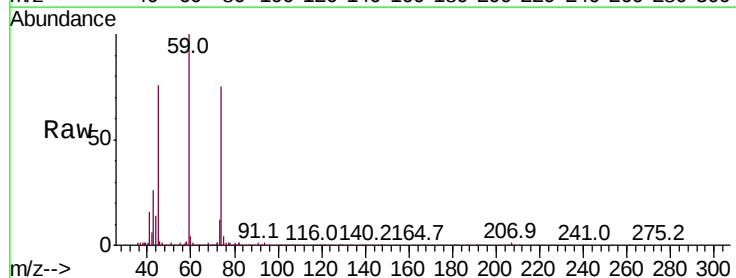
Tot Ion:101 Resp: 158890
Ion Ratio Lower Upper
101 100
103 63.9 50.7 76.1

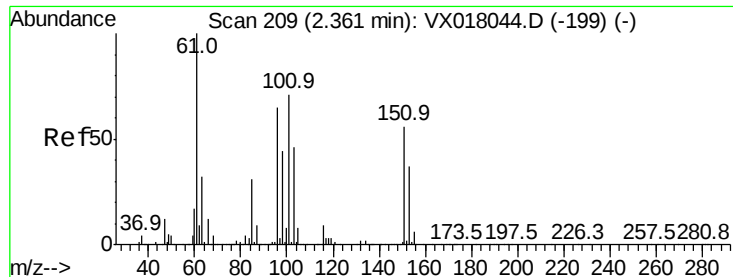


#8

Diethyl Ether
Concen: 18.320 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018377.D
Acq: 14 Sep 2020 11:45

Tgt Ion: 74 Resp: 49585
Ion Ratio Lower Upper
74 100
45 97.3 50.7 152.3

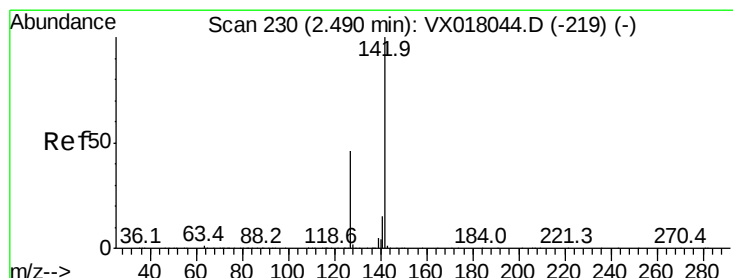
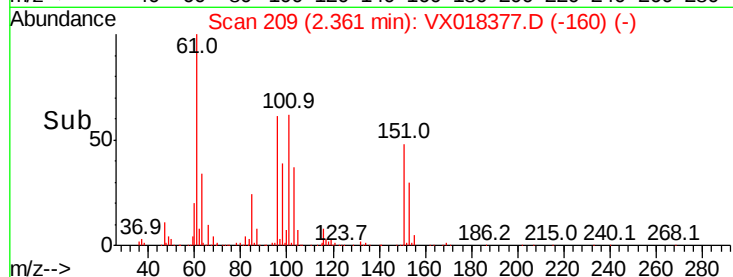
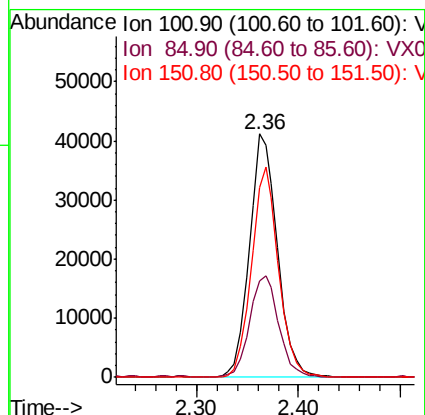
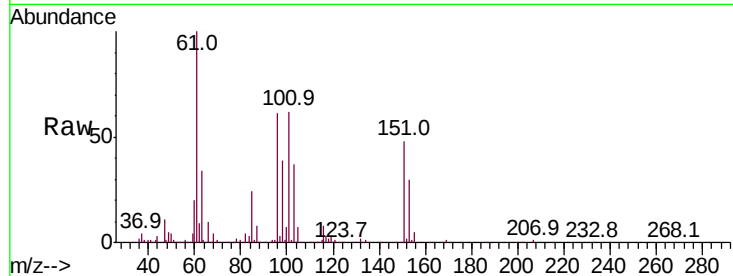




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.241 ug/l
RT: 2.36 min Scan# 209
Delta R.T. -0.00 min
Lab File: VX018377.D
Acq: 14 Sep 2020 11:45

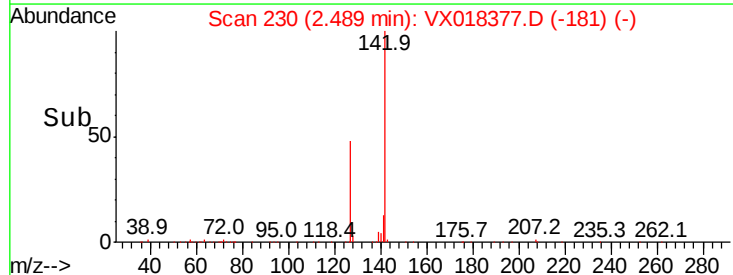
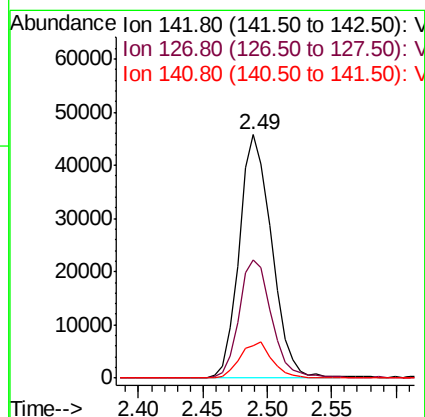
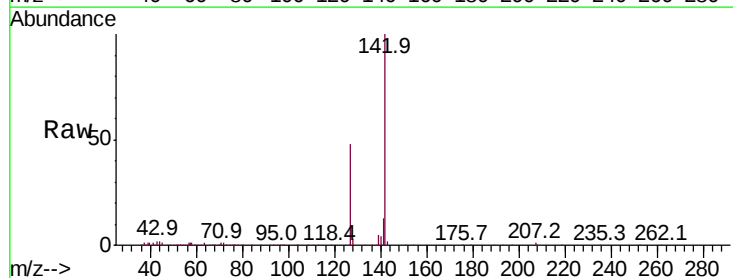
Instrument :
MSVOA_X
ClientSampled :

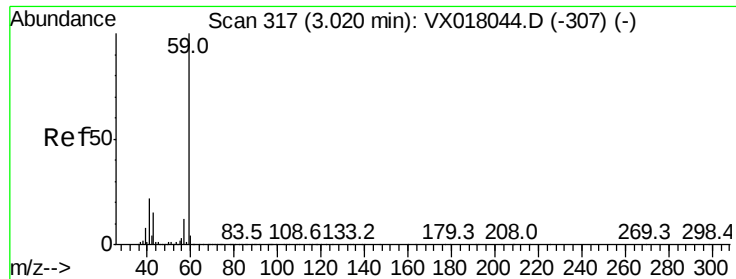
Tot Ion	Ratio	Lower	Upper
101	100		
85	43.2	34.0	51.0
151	83.6	65.2	97.8



#10
Methyl Iodide
Concen: 20.796 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX018377.D
Acq: 14 Sep 2020 11:45

Tgt Ion	Ratio	Lower	Upper
142	100		
127	48.7	37.0	55.6
141	14.7	11.5	17.3



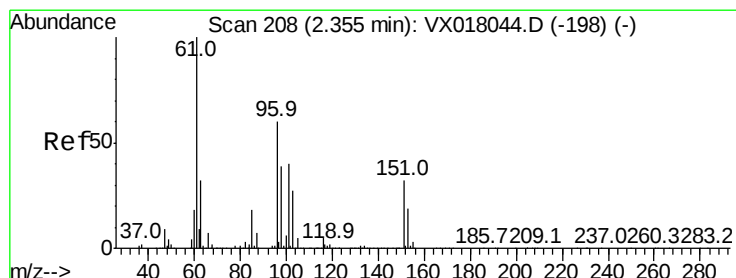
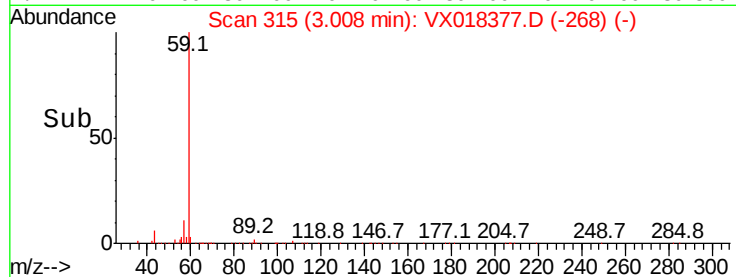
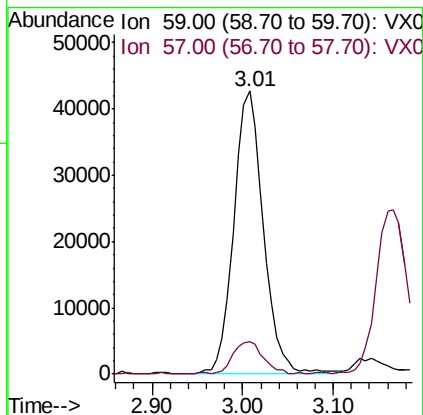
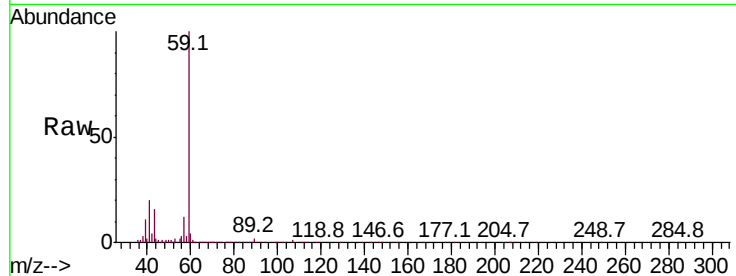


#11

Tert butyl alcohol
 Concen: 77.889 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX018377.D
 Acq: 14 Sep 2020 11:45

Instrument :
 MSVOA_X
 ClientSampleId :

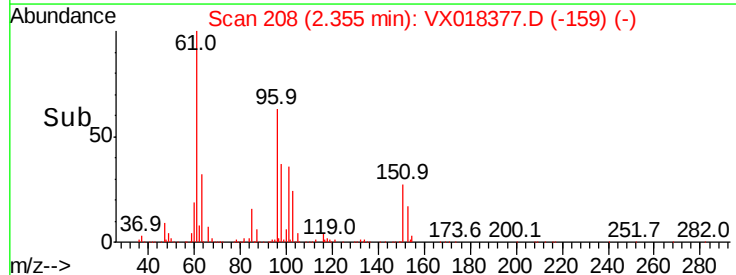
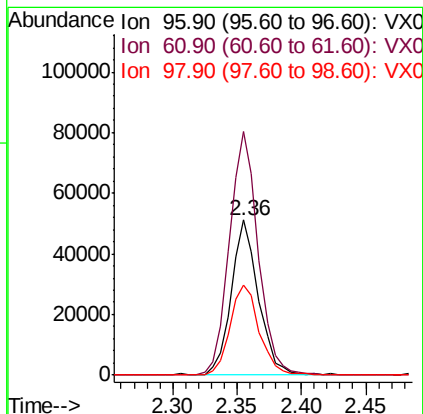
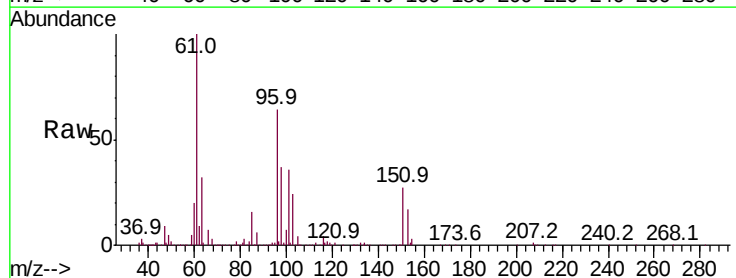
Tot Ion: 59 Resp: 96303
 Ion Ratio Lower Upper
 59 100
 57 11.9 8.9 13.3

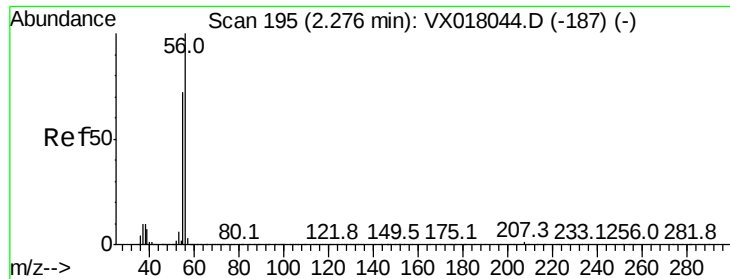


#12

1,1-Dichloroethene
 Concen: 16.941 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX018377.D
 Acq: 14 Sep 2020 11:45

Tgt Ion: 96 Resp: 75833
 Ion Ratio Lower Upper
 96 100
 61 156.8 133.0 199.4
 98 57.9 51.6 77.4





#13

Acrolein

Concen: 86.258 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018377.D

Acq: 14 Sep 2020 11:45

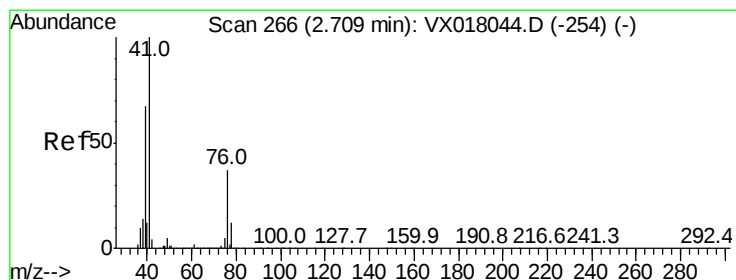
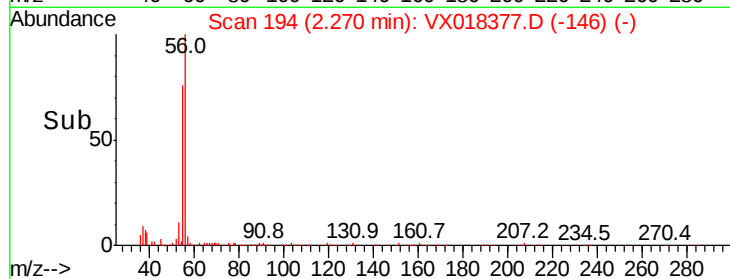
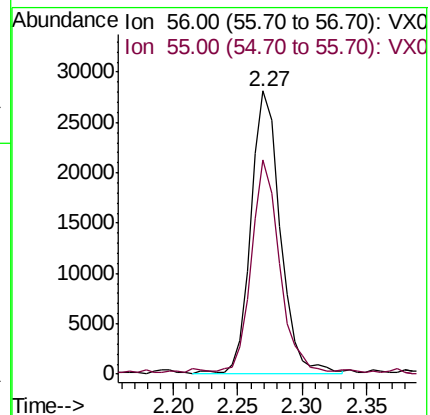
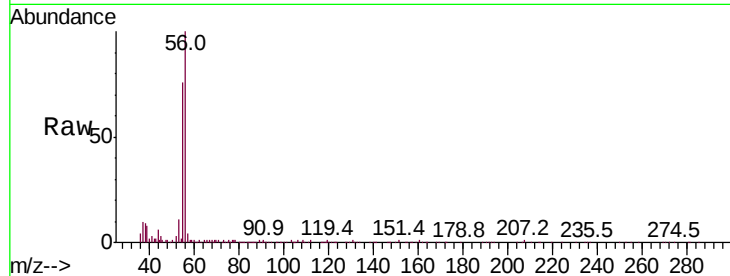
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 44222

Ion Ratio Lower Upper

56 100

55 70.2 57.0 85.6



#14

Allyl chloride

Concen: 16.906 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018377.D

Acq: 14 Sep 2020 11:45

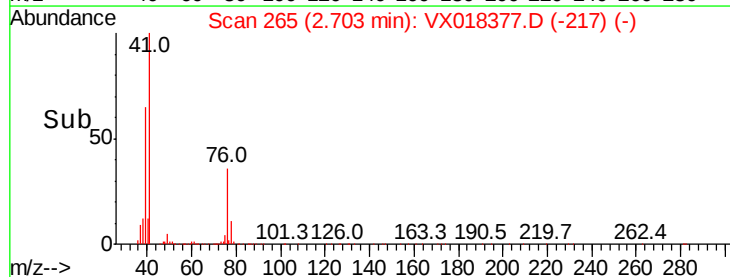
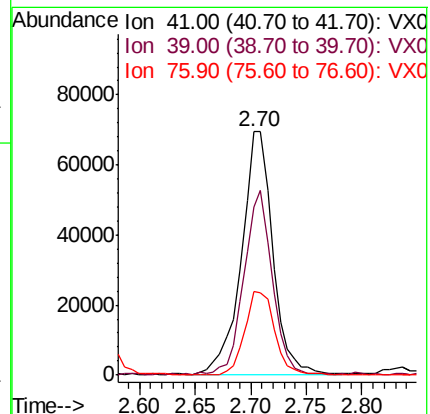
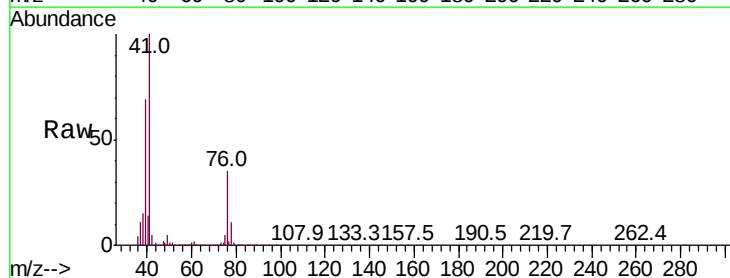
Tgt Ion: 41 Resp: 135960

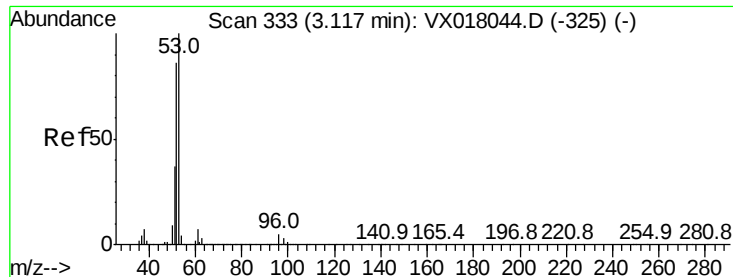
Ion Ratio Lower Upper

41 100

39 68.0 50.6 76.0

76 33.0 26.2 39.2





#15

Acrylonitrile

Concen: 80.248 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018377.D

Acq: 14 Sep 2020 11:45

Instrument :

MSVOA_X

ClientSampled :

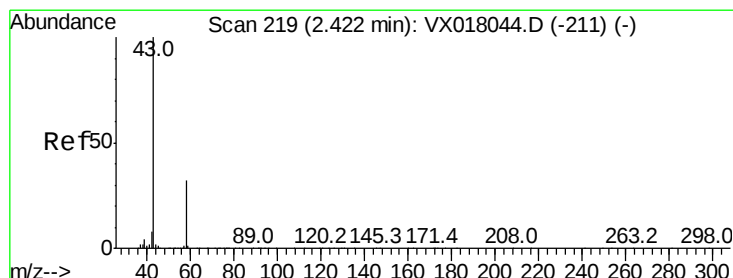
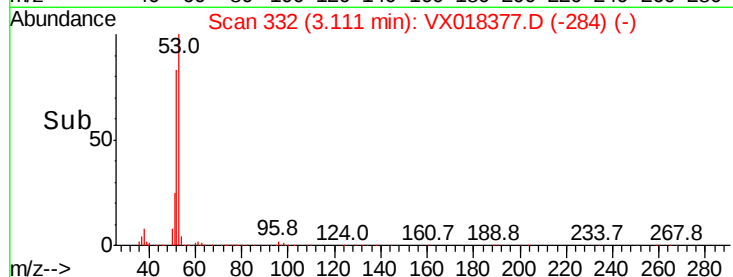
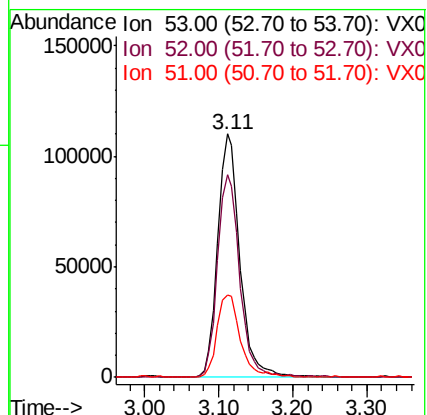
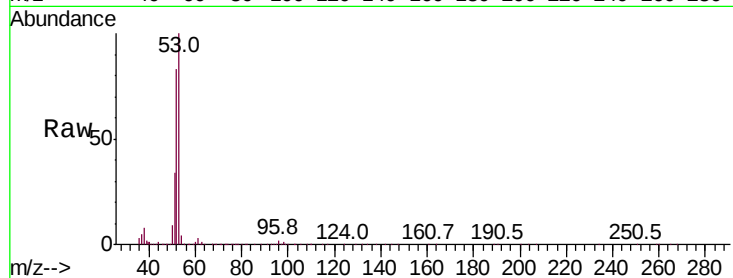
Tot Ion: 53 Resp: 225070

Ion Ratio Lower Upper

53 100

52 83.4 66.9 100.3

51 36.3 28.7 43.1



#16

Acetone

Concen: 82.529 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX018377.D

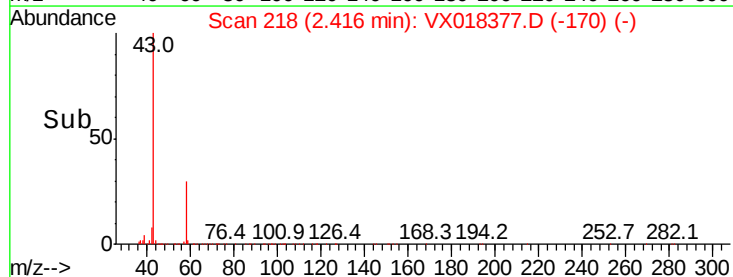
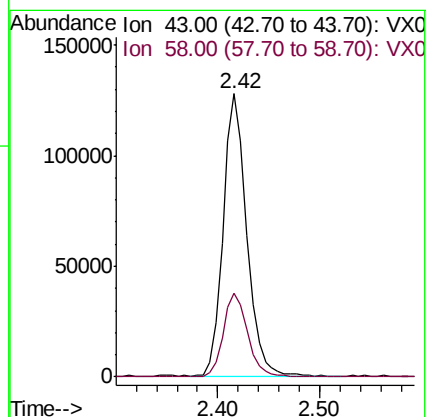
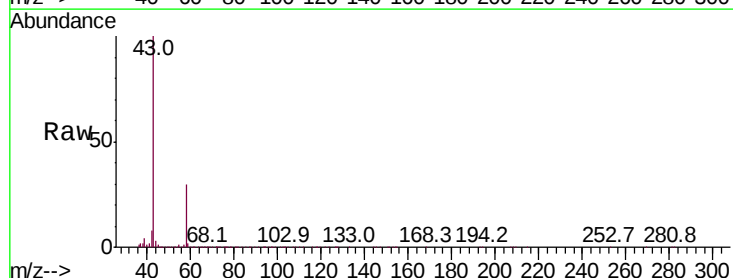
Acq: 14 Sep 2020 11:45

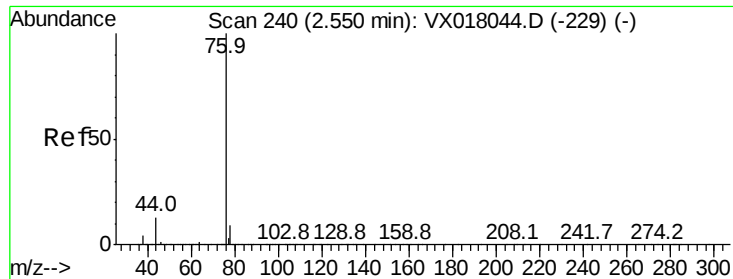
Tgt Ion: 43 Resp: 204495

Ion Ratio Lower Upper

43 100

58 29.6 25.5 38.3





#17

Carbon Disulfide

Concen: 14.672 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018377.D

Acq: 14 Sep 2020 11:45

Instrument :

MSVOA_X

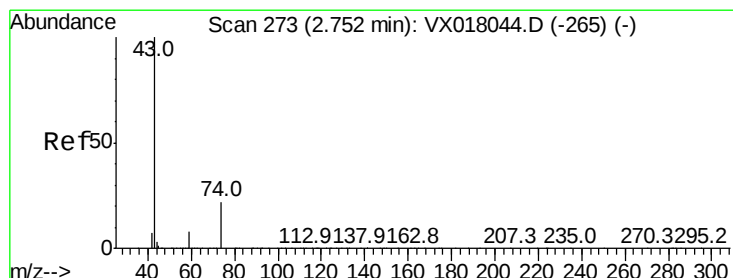
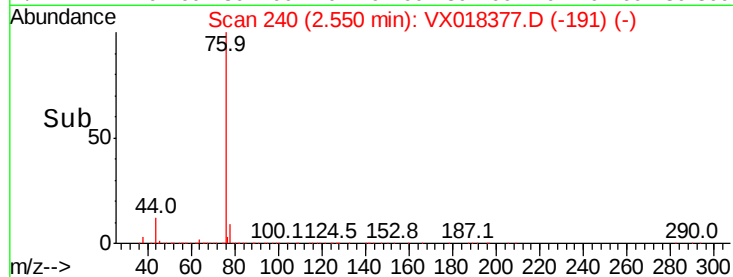
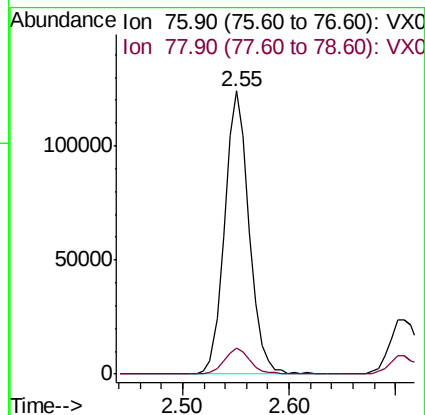
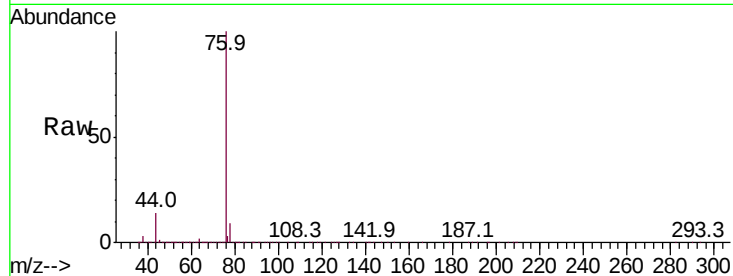
ClientSampled :

Tot Ion: 76 Resp: 198542

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



#18

Methyl Acetate

Concen: 19.363 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX018377.D

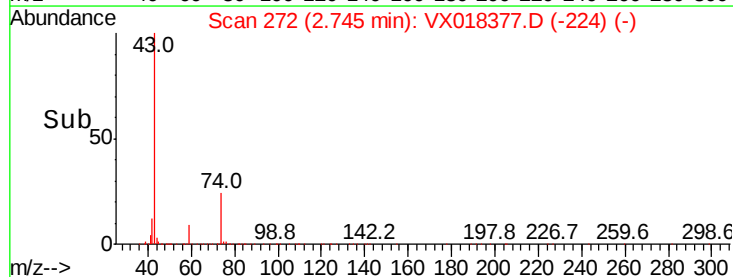
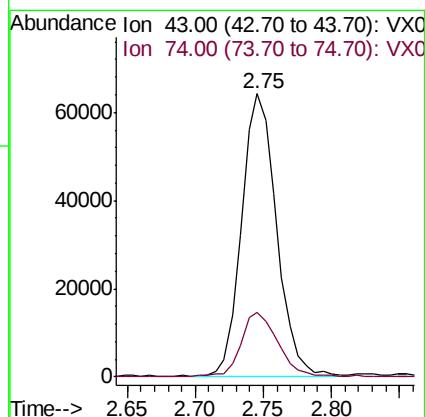
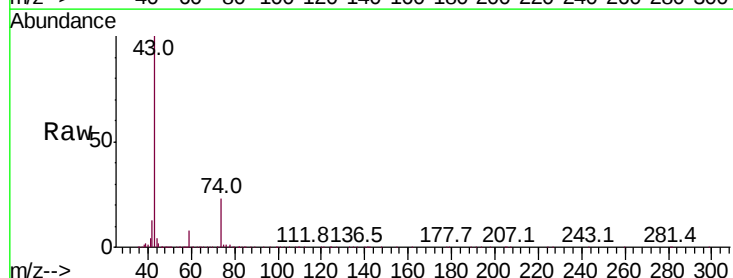
Acq: 14 Sep 2020 11:45

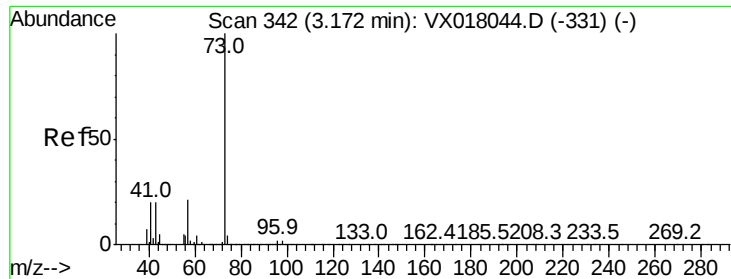
Tgt Ion: 43 Resp: 115776

Ion Ratio Lower Upper

43 100

74 24.3 18.2 27.4





#19

Methyl tert-butyl Ether

Concen: 17.921 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.01 min

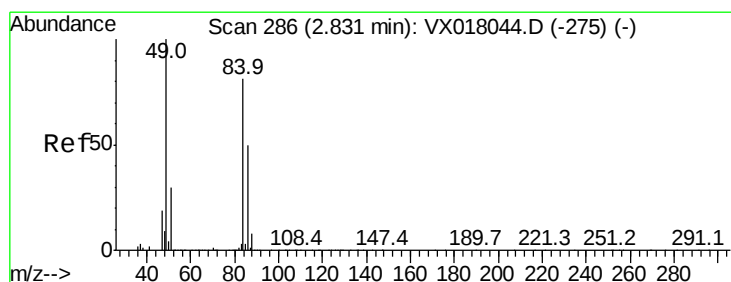
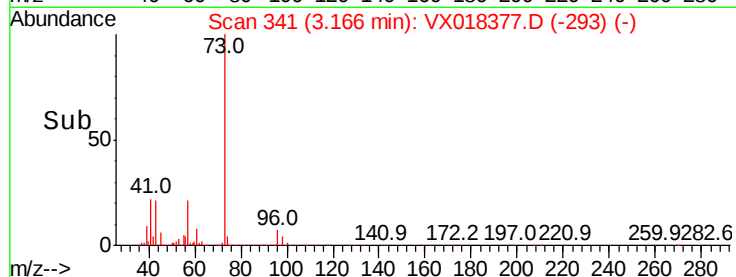
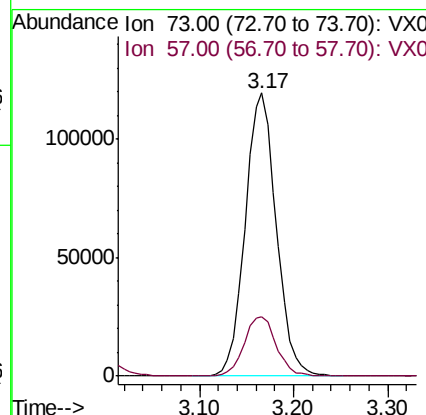
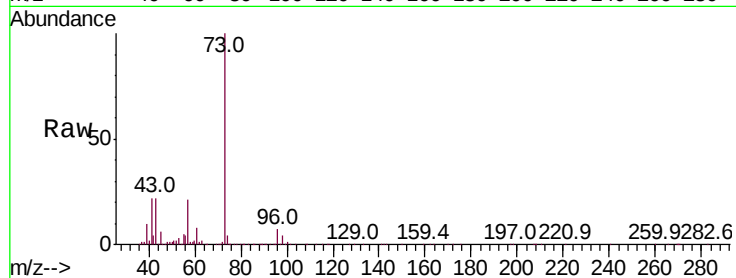
Lab File: VX018377.D

Acq: 14 Sep 2020 11:45

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 73 Resp: 275113

Ion	Ratio	Lower	Upper
73	100		
57	20.7	16.8	25.2



#20

Methylene Chloride

Concen: 16.747 ug/l

RT: 2.83 min Scan# 286

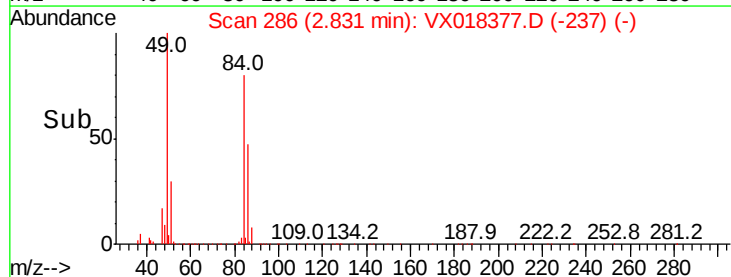
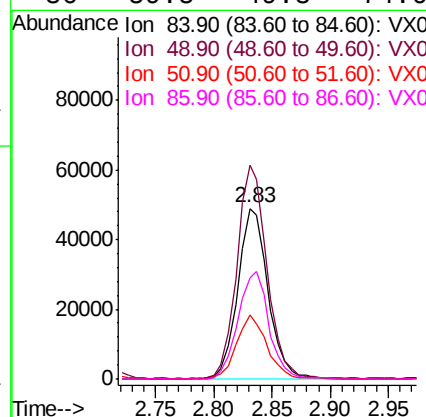
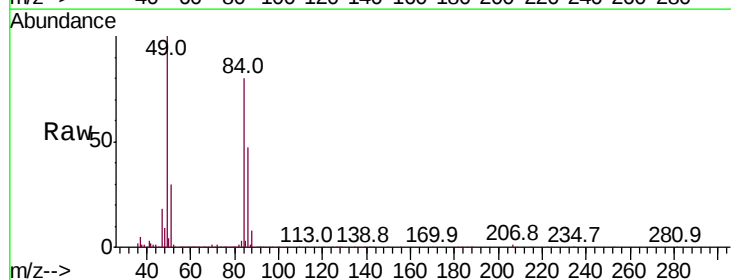
Delta R.T. 0.00 min

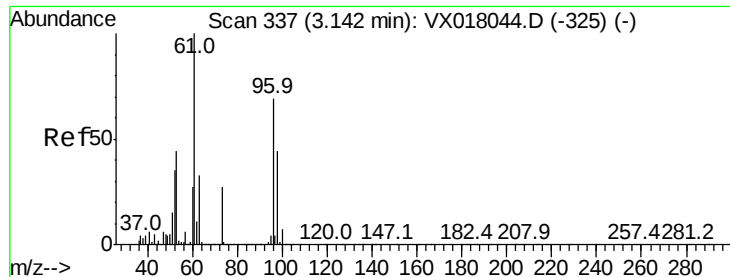
Lab File: VX018377.D

Acq: 14 Sep 2020 11:45

Tgt Ion: 84 Resp: 88781

Ion	Ratio	Lower	Upper
84	100		
49	125.1	98.6	148.0
51	37.4	29.6	44.4
86	59.5	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 16.730 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018377.D

Acq: 14 Sep 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

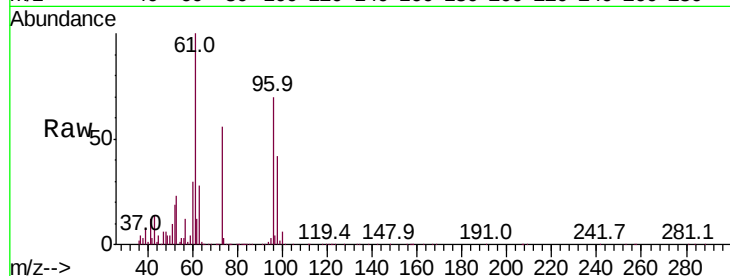
Tot Ion: 96 Resp: 82970

Ion Ratio Lower Upper

96 100

61 142.8 115.4 173.0

98 60.3 51.1 76.7

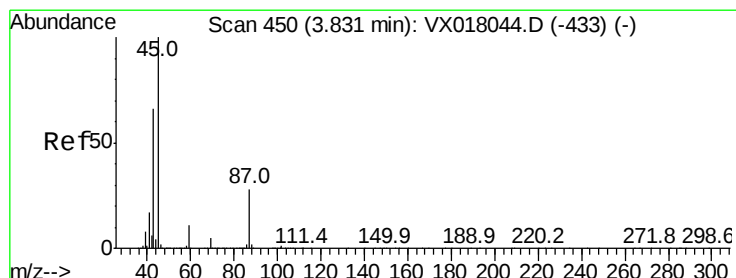
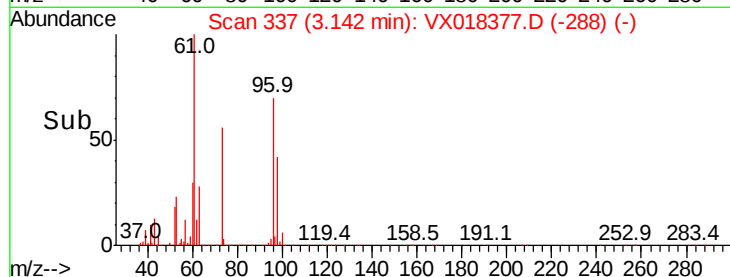
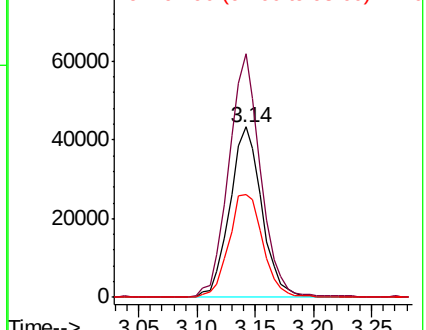


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 17.408 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX018377.D

Acq: 14 Sep 2020 11:45

Tgt Ion: 45 Resp: 276325

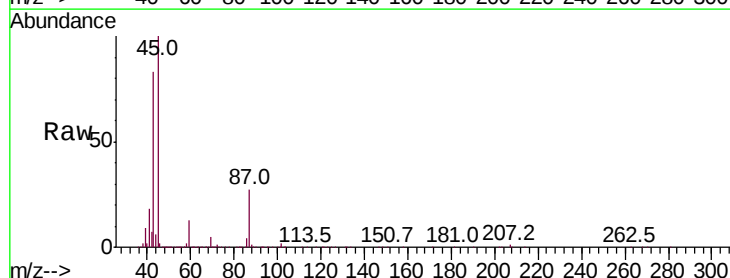
Ion Ratio Lower Upper

45 100

43 82.2 52.8 79.2#

87 27.2 22.5 33.7

59 12.7 9.0 13.6



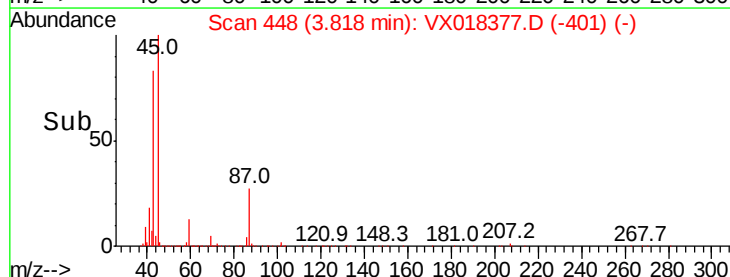
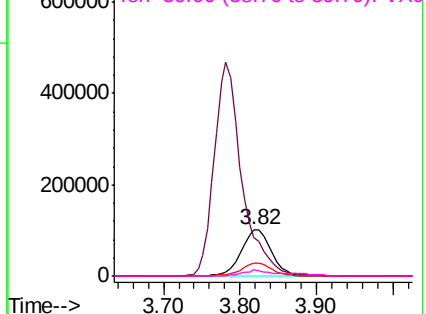
Abundance

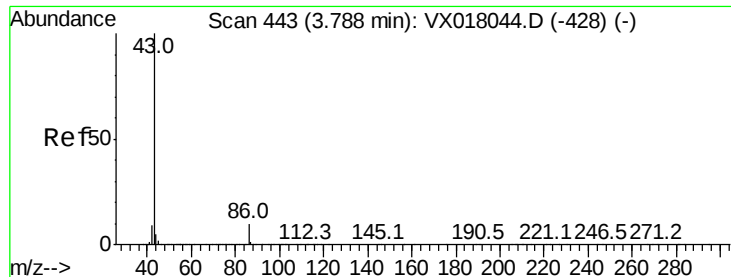
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 83.701 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018377.D

Acq: 14 Sep 2020 11:45

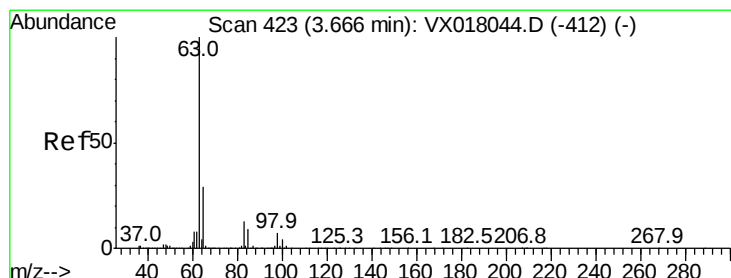
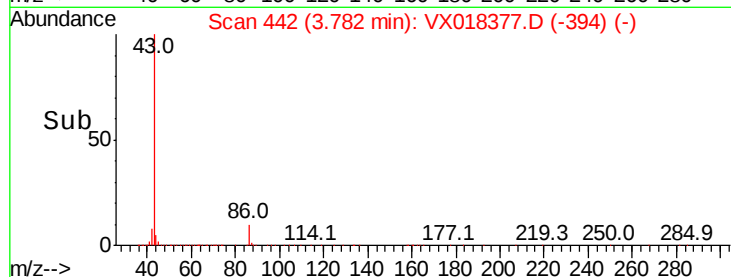
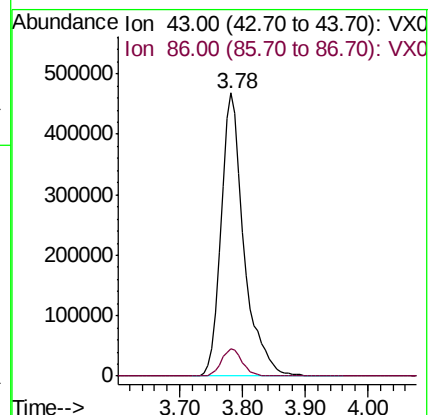
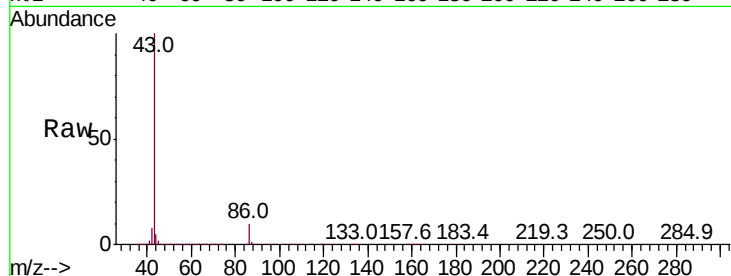
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1182191

Ion Ratio Lower Upper

43 100

86 9.7 7.9 11.9



#24

1,1-Dichloroethane

Concen: 17.293 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018377.D

Acq: 14 Sep 2020 11:45

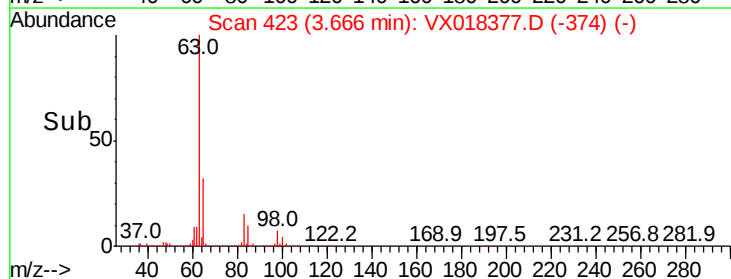
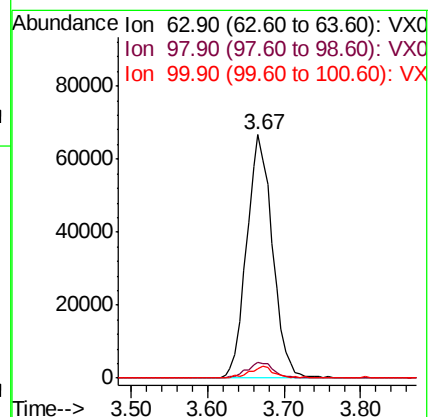
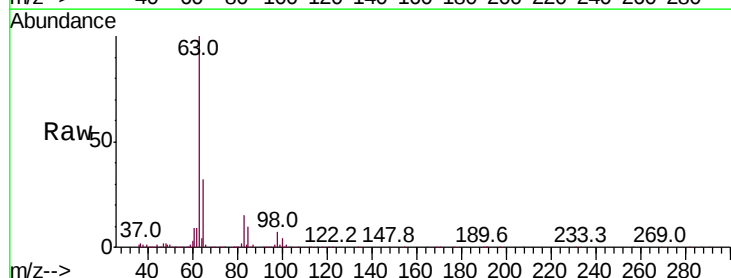
Tgt Ion: 63 Resp: 156254

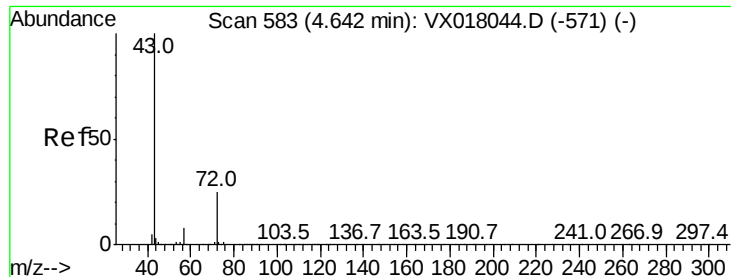
Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.8

100 4.0 2.0 6.0

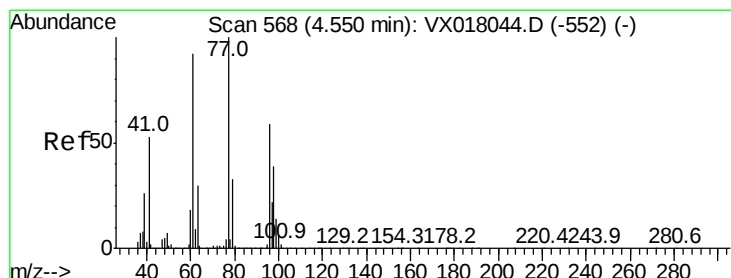
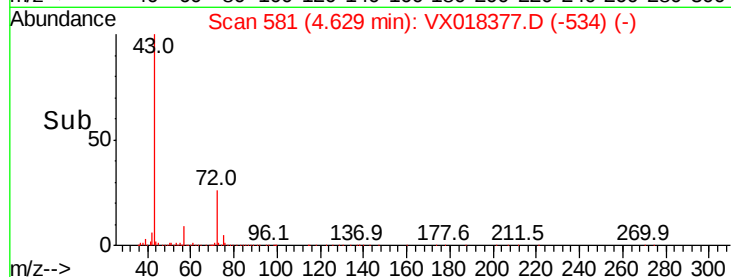
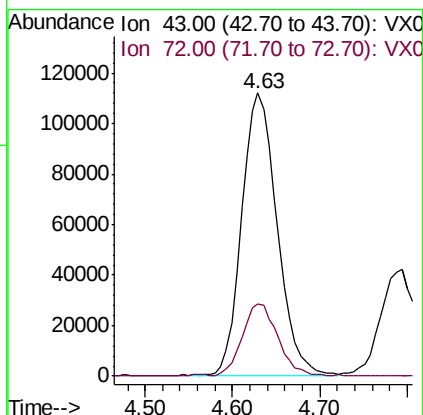
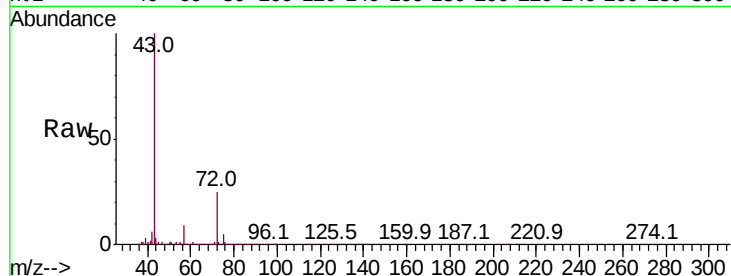




#25
2-Butanone
Concen: 77.314 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX018377.D
Acq: 14 Sep 2020 11:45

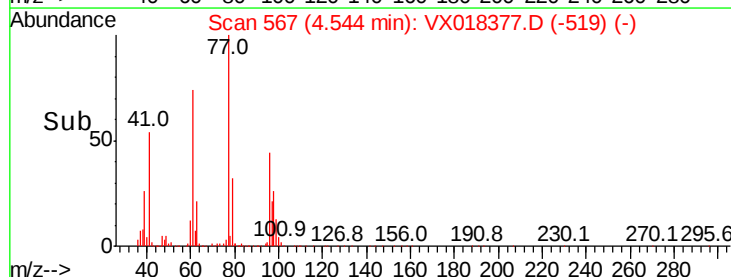
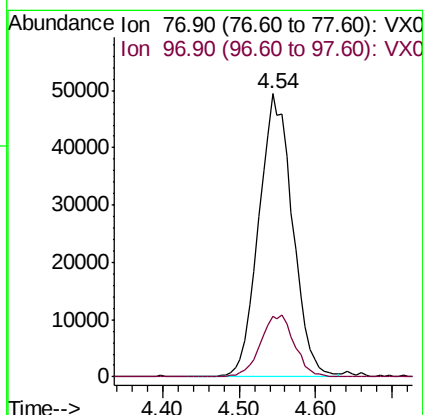
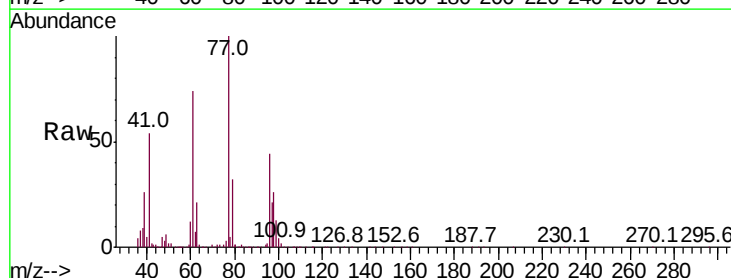
Instrument :
MSVOA_X
ClientSampleId :

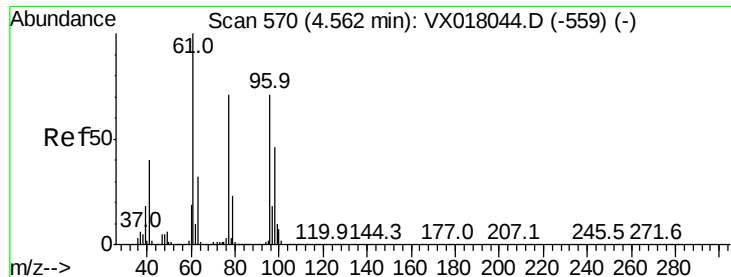
Tot Ion: 43 Resp: 314842
Ion Ratio Lower Upper
43 100
72 25.1 19.8 29.6



#26
2,2-Dichloropropane
Concen: 20.648 ug/l
RT: 4.54 min Scan# 567
Delta R.T. -0.01 min
Lab File: VX018377.D
Acq: 14 Sep 2020 11:45

Tgt Ion: 77 Resp: 151801
Ion Ratio Lower Upper
77 100
97 21.8 11.5 34.5



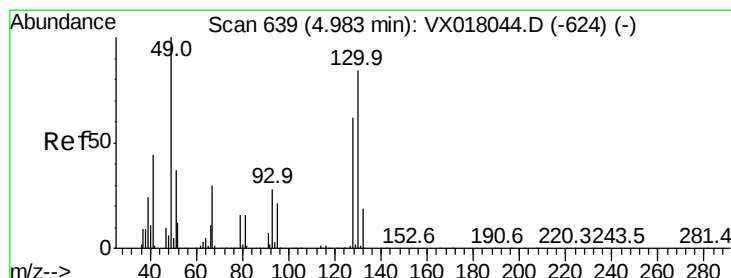
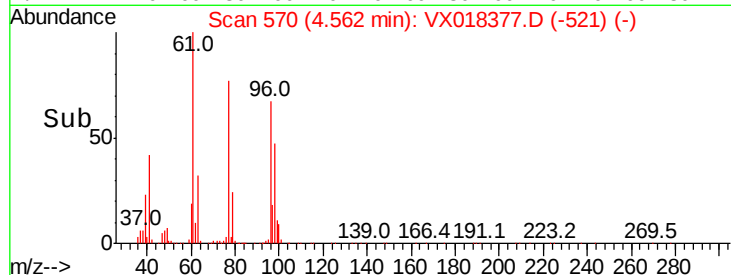
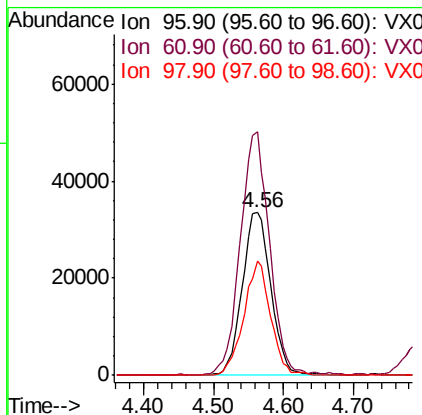
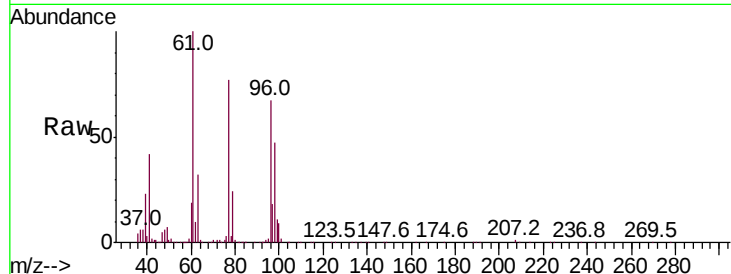


#27

cis-1,2-Dichloroethene
 Concen: 16.779 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX018377.D
 Acq: 14 Sep 2020 11:45

Instrument :
 MSVOA_X
 ClientSampled :

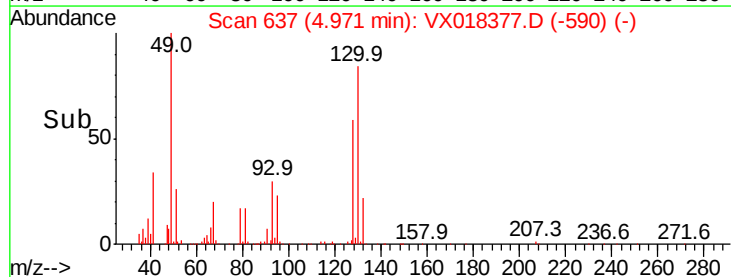
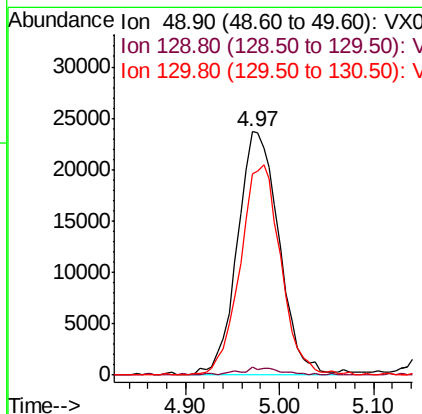
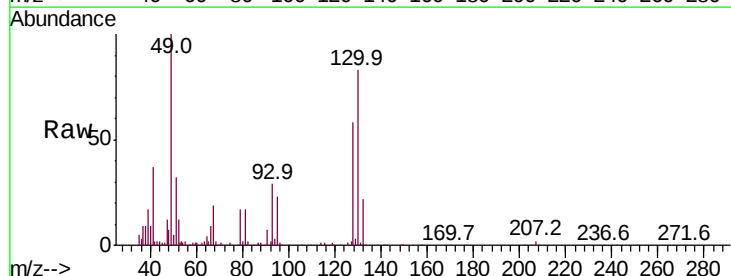
Tot Ion	96	Resp	95877
Ion	Ratio	Lower	Upper
96	100		
61	150.6	0.0	296.6
98	65.3	0.0	130.2

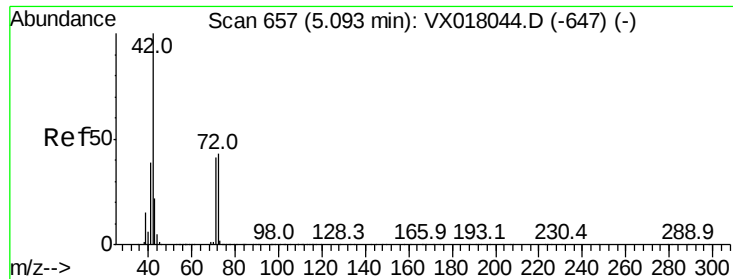


#28

Bromochloromethane
 Concen: 16.661 ug/l
 RT: 4.97 min Scan# 637
 Delta R.T. -0.01 min
 Lab File: VX018377.D
 Acq: 14 Sep 2020 11:45

Tgt Ion	49	Resp	72666
Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	4.6
130	85.2	64.6	96.8

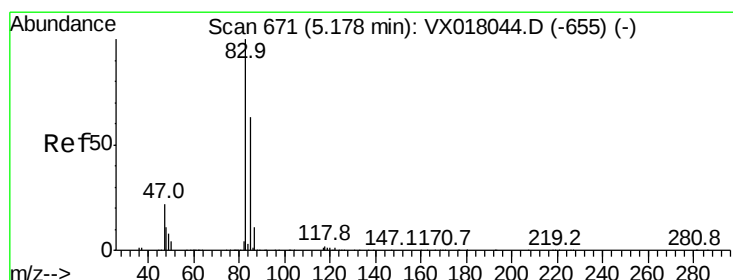
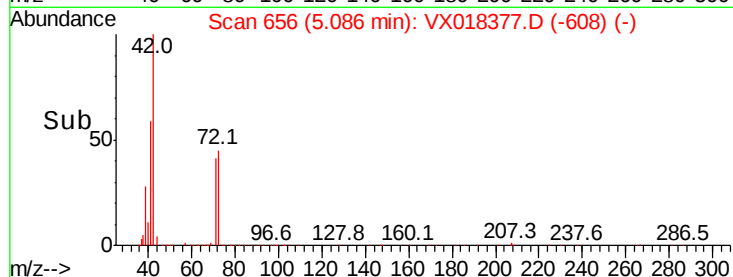
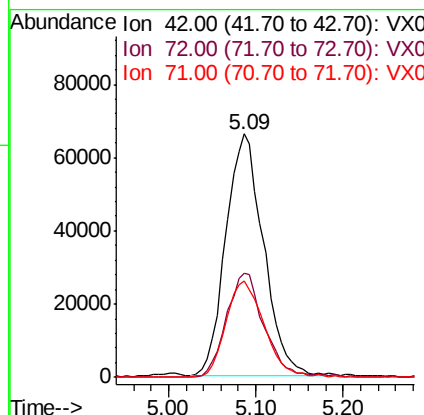
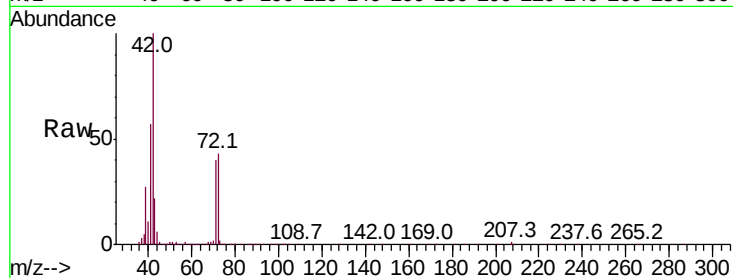




#29
Tetrahydrofuran
Concen: 76.411 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX018377.D
Acq: 14 Sep 2020 11:45

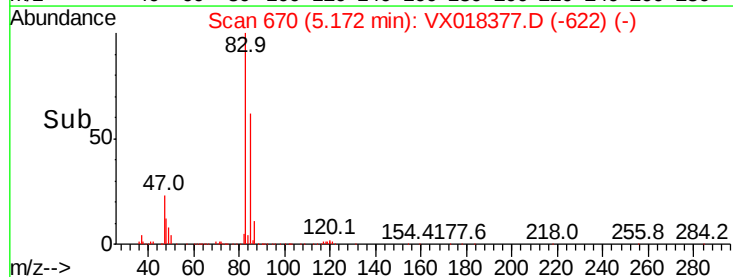
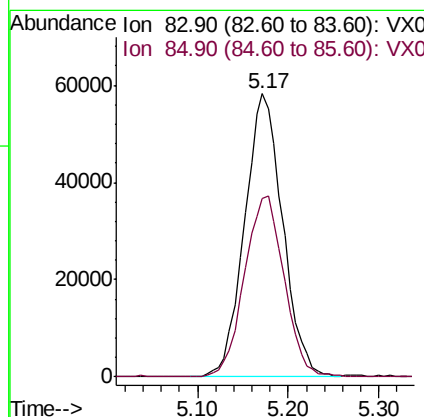
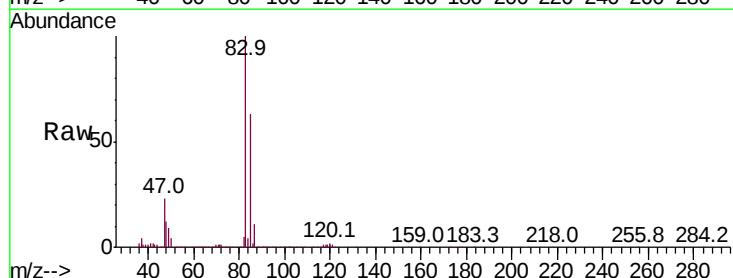
Instrument :
MSVOA_X
ClientSampleId :

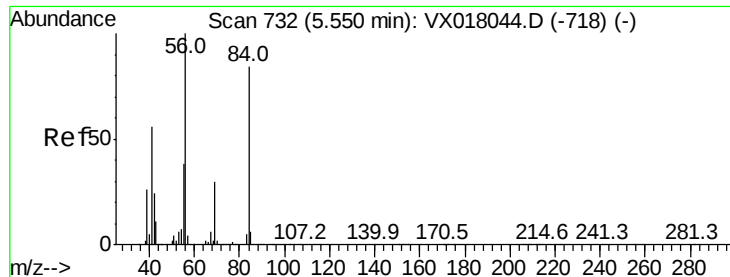
Tot Ion: 42 Resp: 198080
Ion Ratio Lower Upper
42 100
72 43.4 34.2 51.4
71 40.7 32.1 48.1



#30
Chloroform
Concen: 18.098 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018377.D
Acq: 14 Sep 2020 11:45

Tgt Ion: 83 Resp: 169328
Ion Ratio Lower Upper
83 100
85 62.9 50.7 76.1

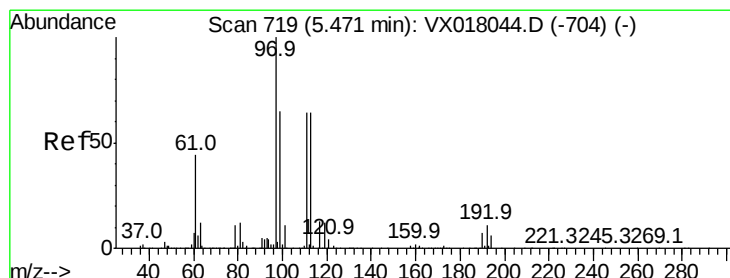
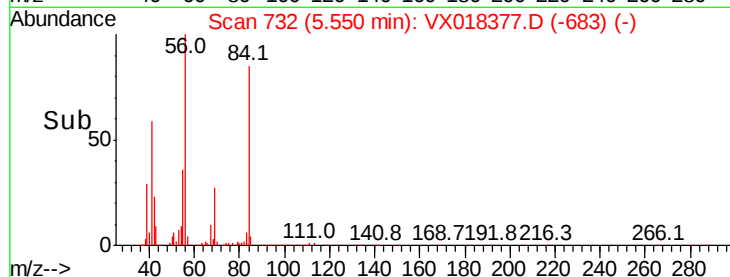
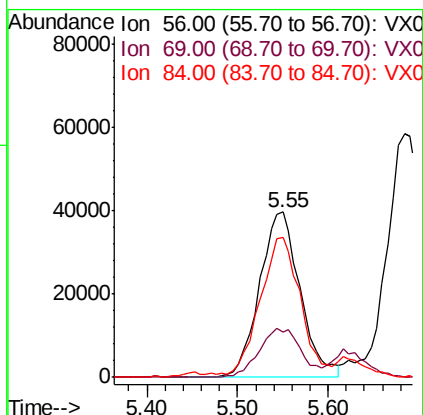
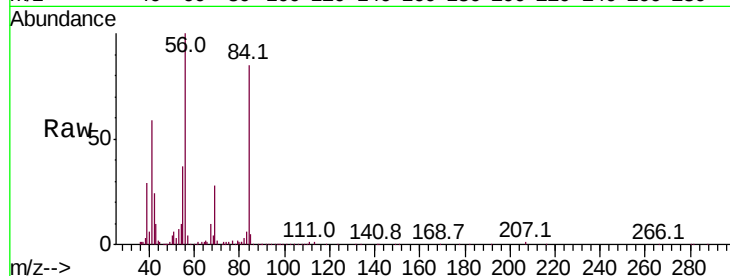




#31
Cvclohexane
Concen: 16.124 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018377.D
Acq: 14 Sep 2020 11:45

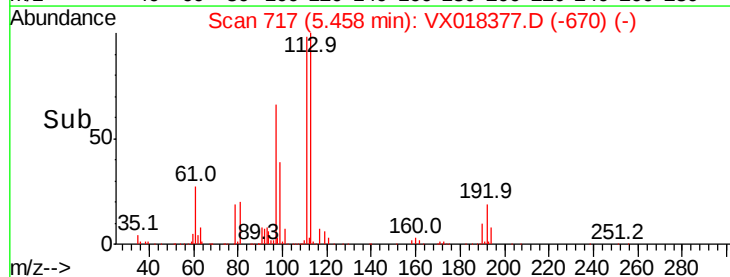
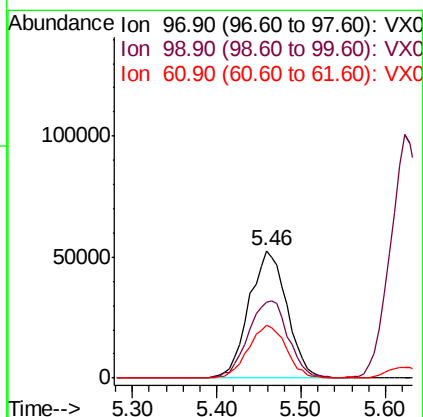
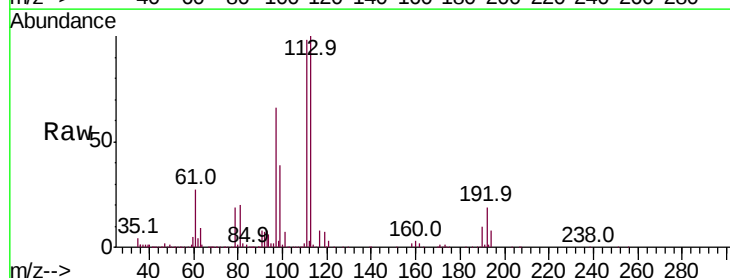
Instrument :
MSVOA_X
ClientSampleId :

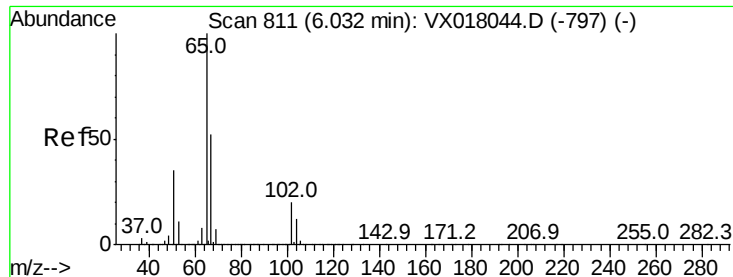
Tot Ion: 56 Resp: 122723
Ion Ratio Lower Upper
56 100
69 27.0 23.9 35.9
84 82.4 67.0 100.4



#32
1,1,1-Trichloroethane
Concen: 18.790 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX018377.D
Acq: 14 Sep 2020 11:45

Tgt Ion: 97 Resp: 161331
Ion Ratio Lower Upper
97 100
99 63.6 51.4 77.0
61 41.1 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 45.165 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018377.D

Acq: 14 Sep 2020 11:45

Instrument :

MSVOA_X

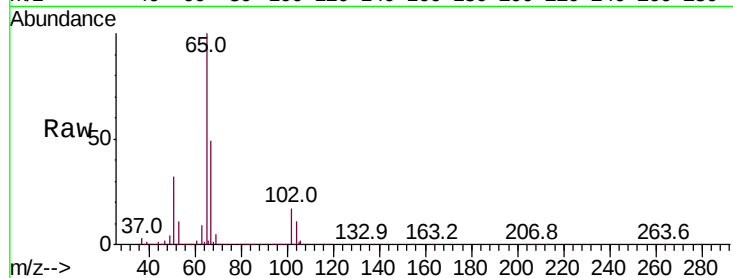
ClientSampleId :

Tot Ion: 65 Resp: 287202

Ion Ratio Lower Upper

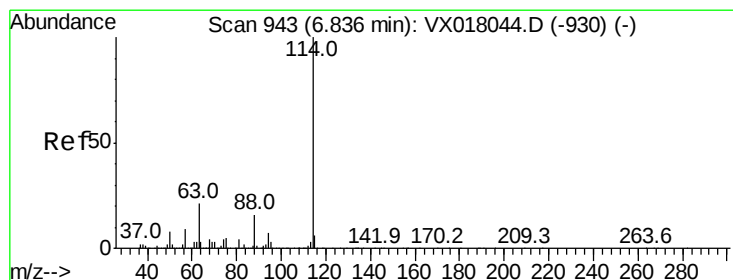
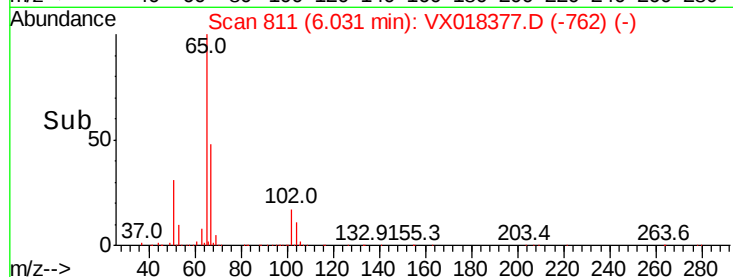
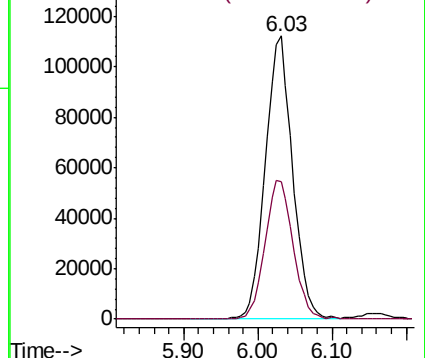
65 100

67 50.2 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018377.D

Acq: 14 Sep 2020 11:45

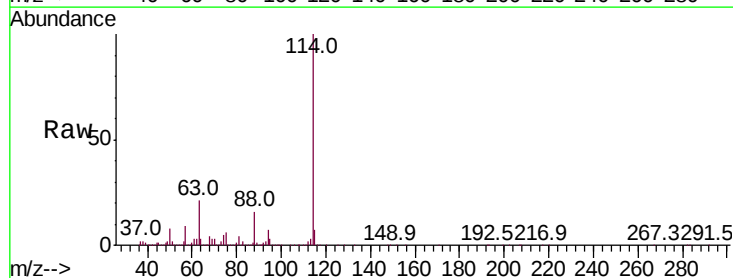
Tgt Ion: 114 Resp: 691604

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.6

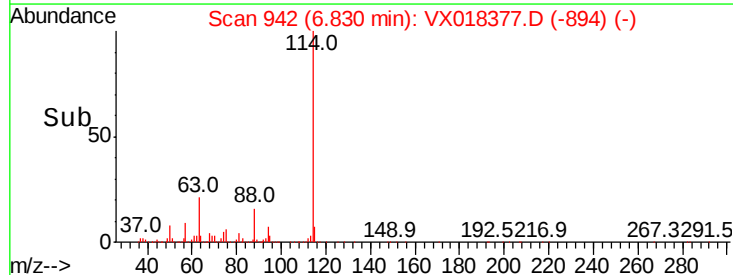
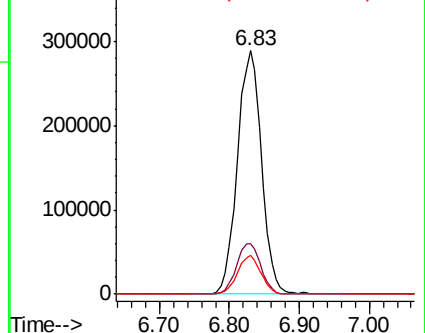
88 15.7 0.0 31.8

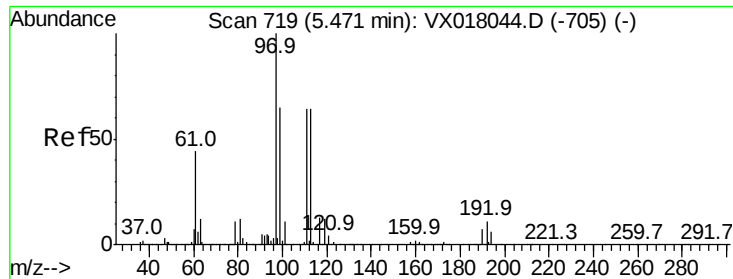


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

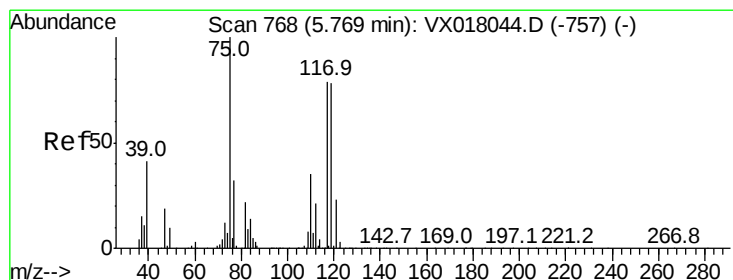
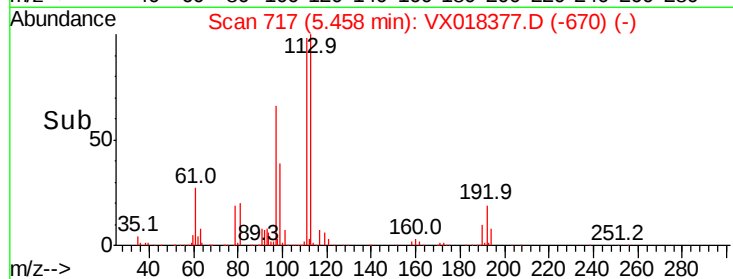
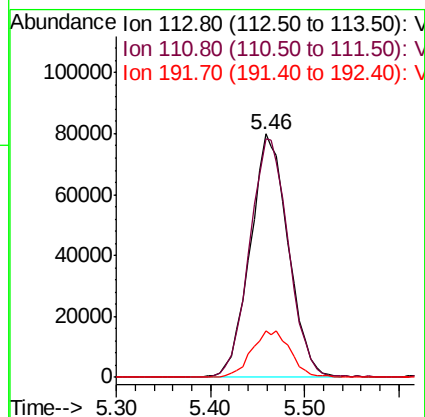
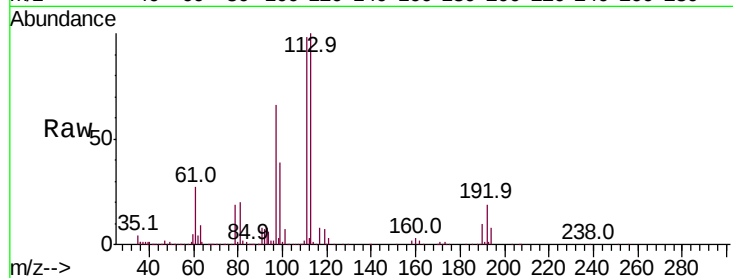




#35
Dibromofluoromethane
Concen: 47.939 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX018377.D
Acq: 14 Sep 2020 11:45

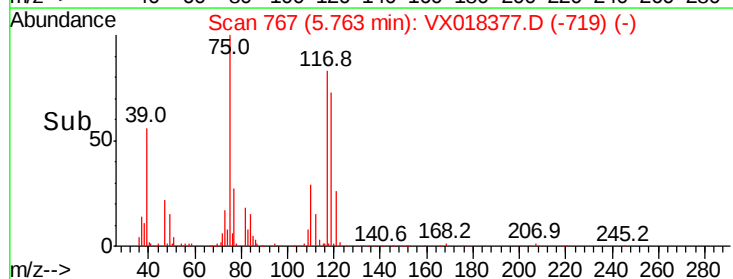
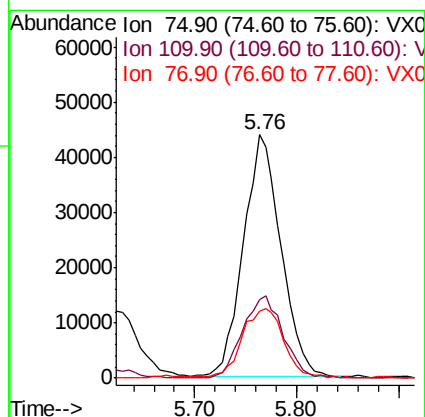
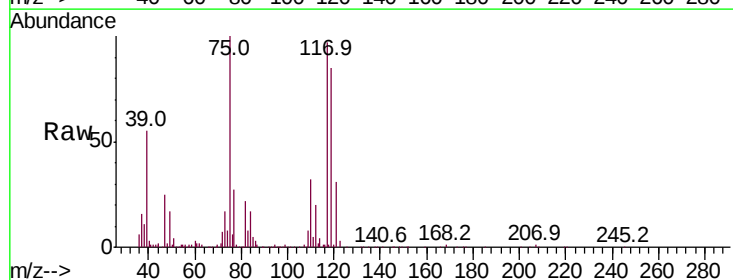
Instrument :
MSVOA_X
ClientSampleId :

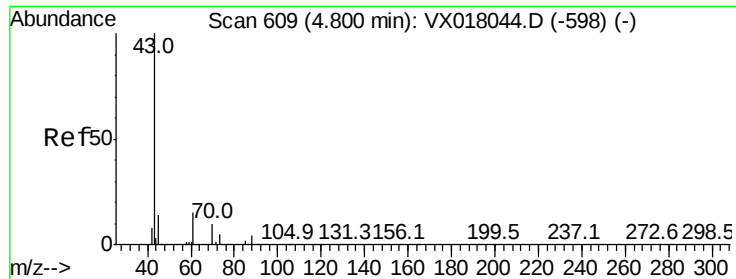
Tot Ion:113 Resp: 225800
Ion Ratio Lower Upper
113 100
111 100.7 81.6 122.4
192 19.6 15.8 23.8



#36
1,1-Dichloropropene
Concen: 17.567 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX018377.D
Acq: 14 Sep 2020 11:45

Tgt Ion: 75 Resp: 112057
Ion Ratio Lower Upper
75 100
110 36.6 18.0 54.0
77 31.6 24.4 36.6

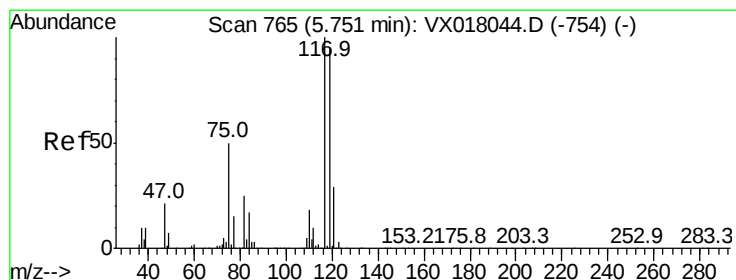
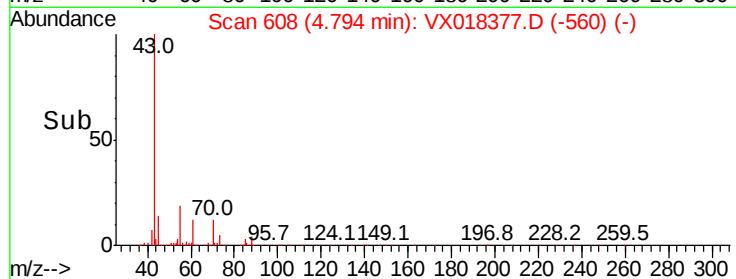
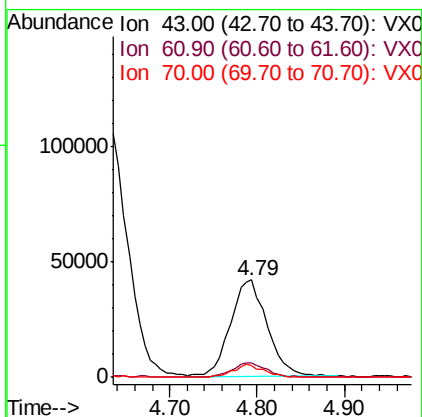
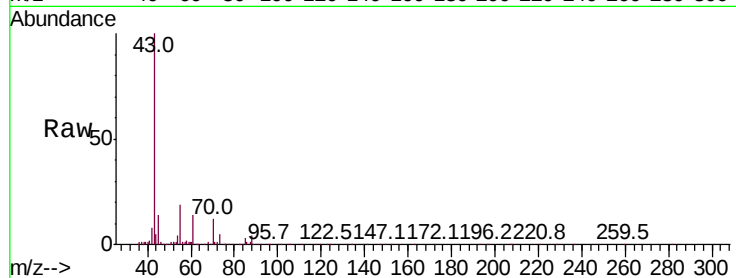




#37
Ethyl Acetate
Concen: 16.375 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018377.D
Acq: 14 Sep 2020 11:45

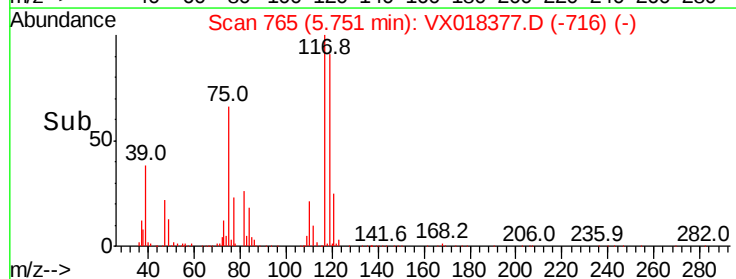
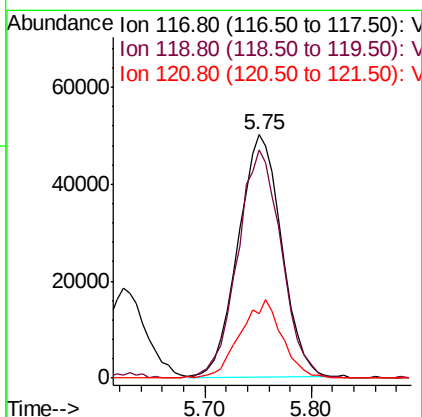
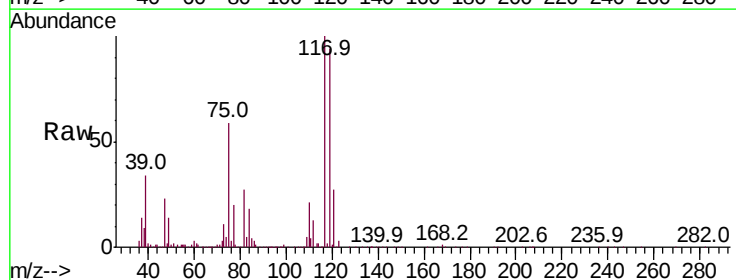
Instrument :
MSVOA_X
ClientSampled :

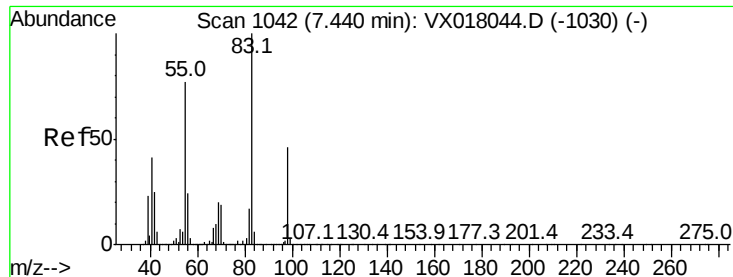
Tot Ion: 43 Resp: 121316
Ion Ratio Lower Upper
43 100
61 13.7 11.3 16.9
70 11.4 8.2 12.4



#38
Carbon Tetrachloride
Concen: 19.940 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018377.D
Acq: 14 Sep 2020 11:45

Tgt Ion: 117 Resp: 143345
Ion Ratio Lower Upper
117 100
119 93.4 75.8 113.6
121 26.4 23.4 35.0

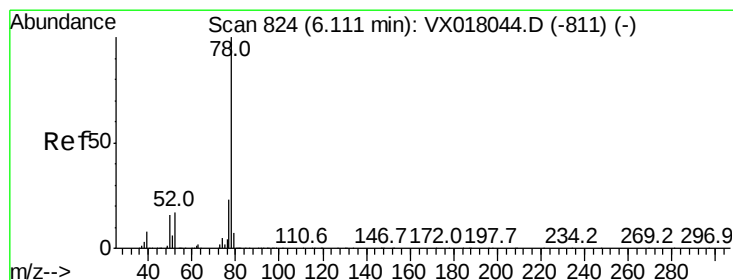
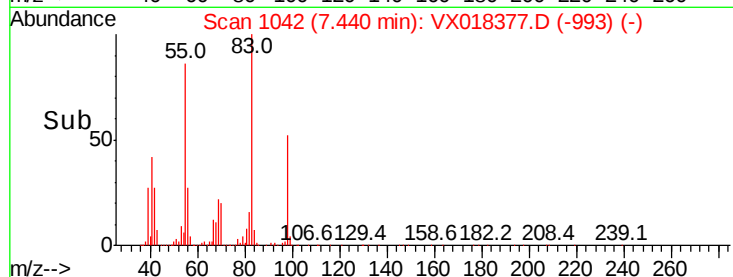
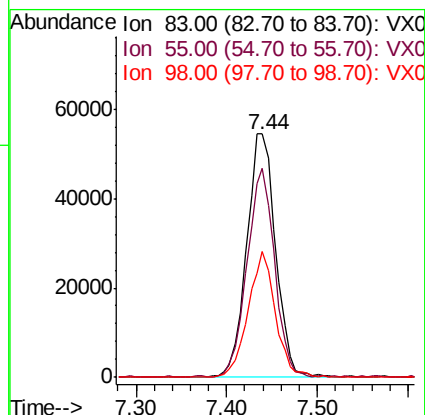
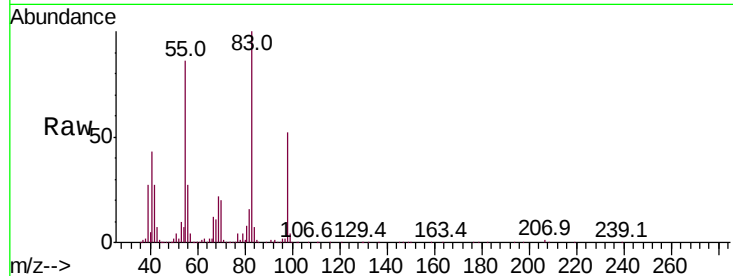




#39
Methvlcvclohexane
Concen: 17.242 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018377.D
Acq: 14 Sep 2020 11:45

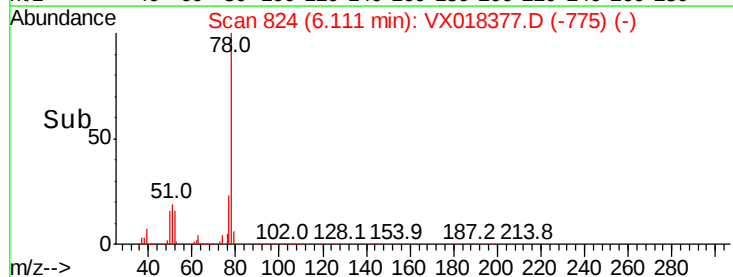
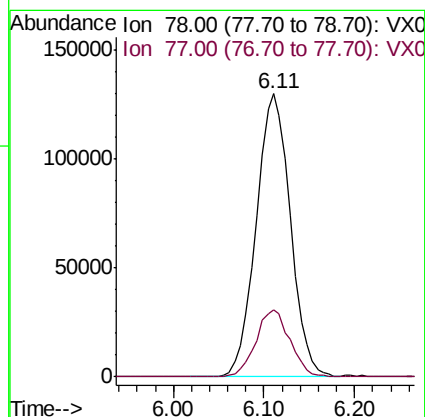
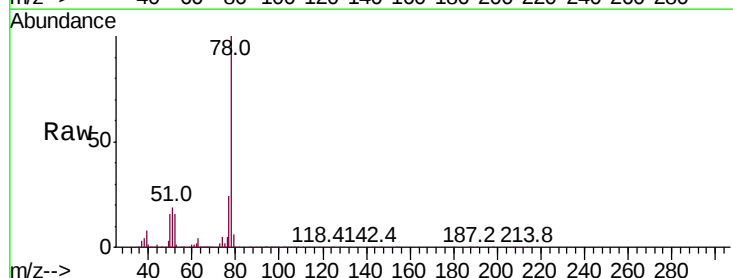
Instrument :
MSVOA_X
ClientSampleId :

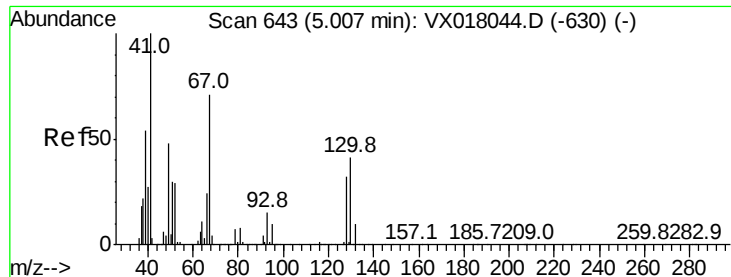
Tot Ion: 83 Resp: 120264
Ion Ratio Lower Upper
83 100
55 85.5 61.8 92.6
98 51.6 36.6 55.0



#40
Benzene
Concen: 18.146 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018377.D
Acq: 14 Sep 2020 11:45

Tgt Ion: 78 Resp: 340135
Ion Ratio Lower Upper
78 100
77 23.6 18.2 27.2





#41

Methacrylonitrile

Concen: 16.710 ug/l

RT: 5.00 min Scan# 642

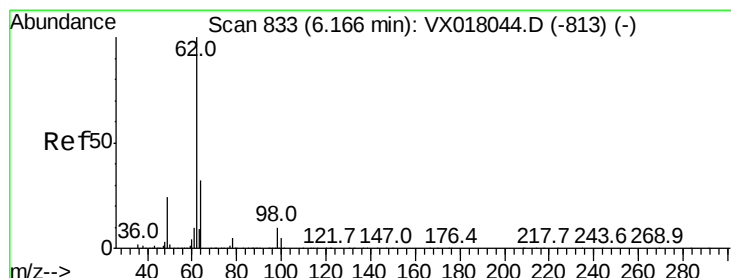
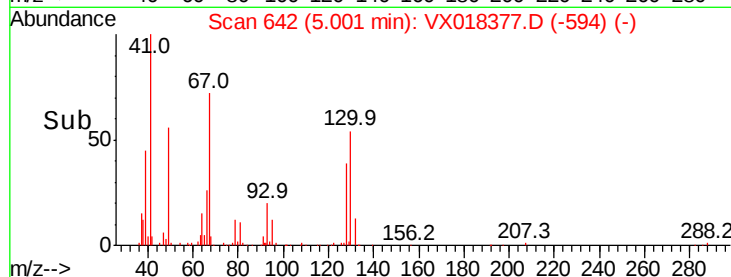
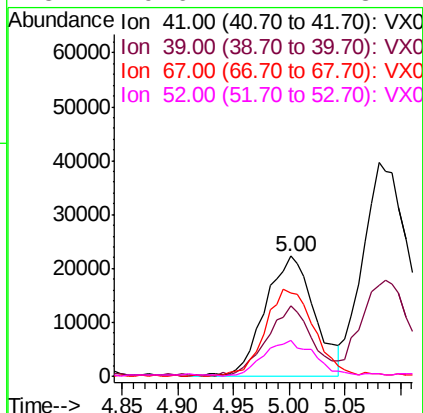
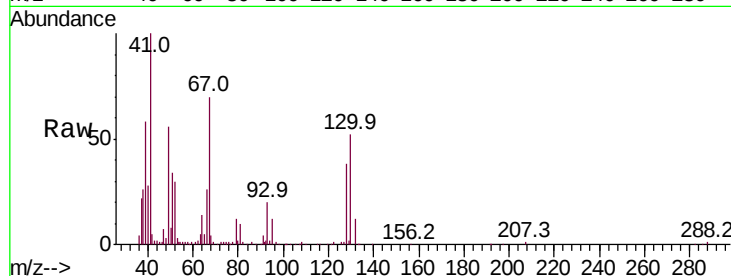
Delta R.T. -0.01 min

Lab File: VX018377.D

Acq: 14 Sep 2020 11:45

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	67977
Ion	Ratio	Lower	Upper
41	100		
39	54.4	43.1	64.7
67	71.2	56.0	84.0
52	29.6	22.7	34.1



#42

1,2-Dichloroethane

Concen: 19.696 ug/l

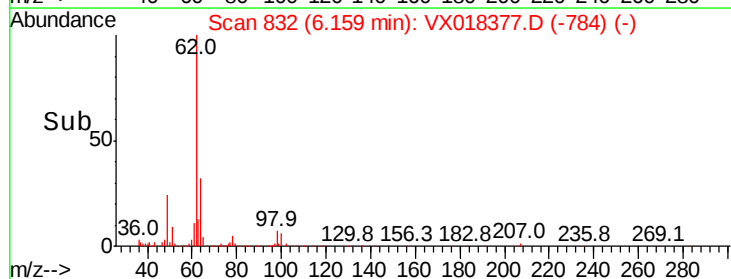
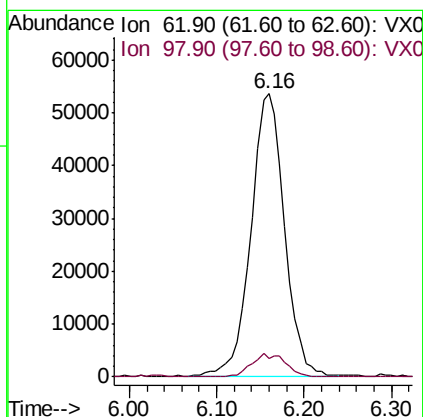
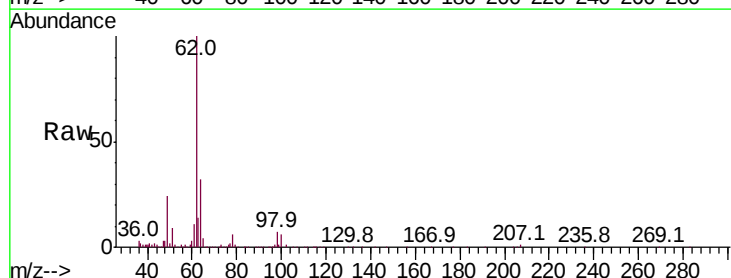
RT: 6.16 min Scan# 832

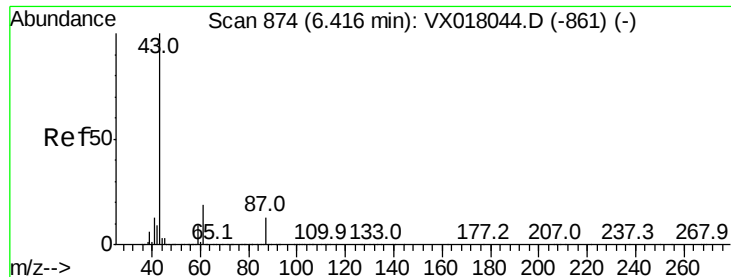
Delta R.T. -0.01 min

Lab File: VX018377.D

Acq: 14 Sep 2020 11:45

Tgt Ion:	62	Resp:	141444
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	18.2





#43

Isopropyl Acetate

Concen: 16.795 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX018377.D

Acq: 14 Sep 2020 11:45

Instrument :
MSVOA_X
ClientSampled :

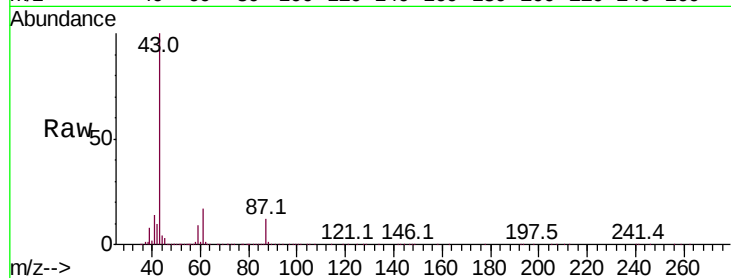
Tot Ion: 43 Resp: 200978

Ion Ratio Lower Upper

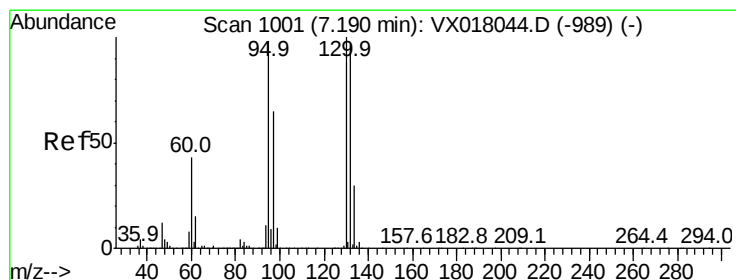
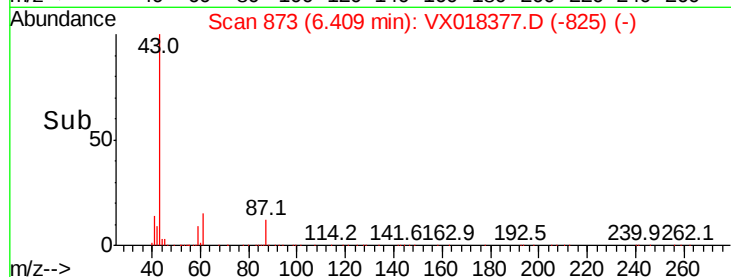
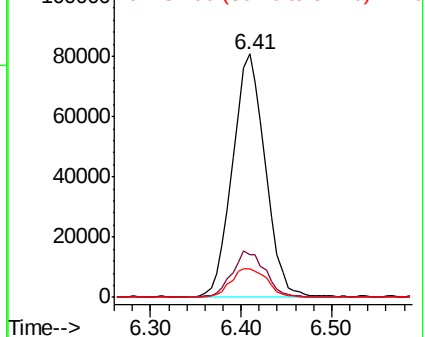
43 100

61 19.9 15.7 23.5

87 13.5 10.3 15.5



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



#44

Trichloroethene

Concen: 18.725 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX018377.D

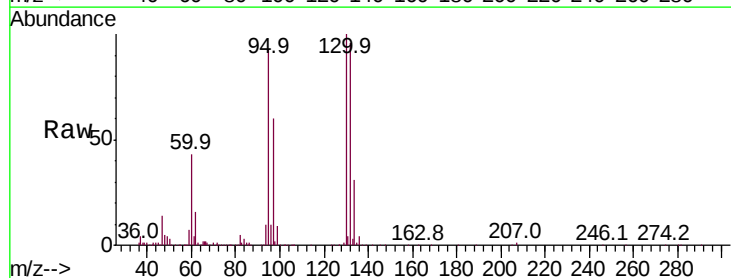
Acq: 14 Sep 2020 11:45

Tgt Ion: 130 Resp: 99174

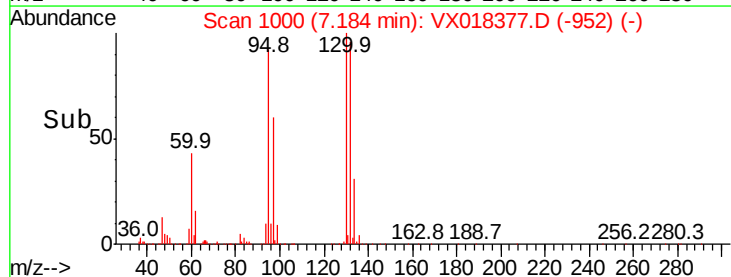
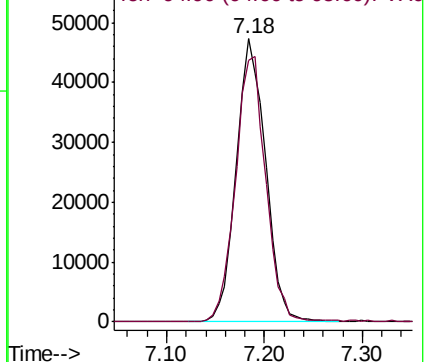
Ion Ratio Lower Upper

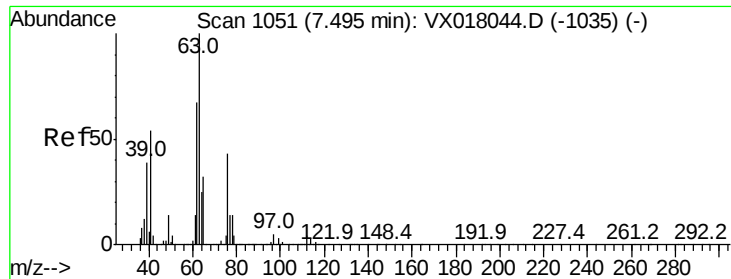
130 100

95 92.6 0.0 196.4



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

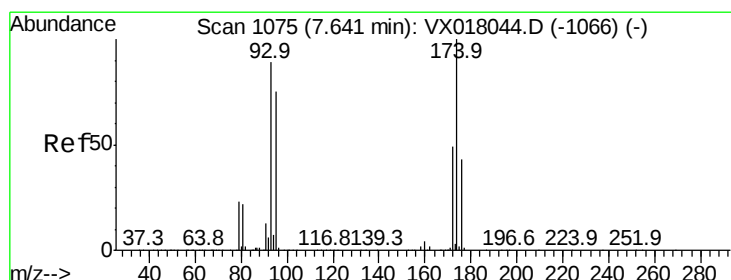
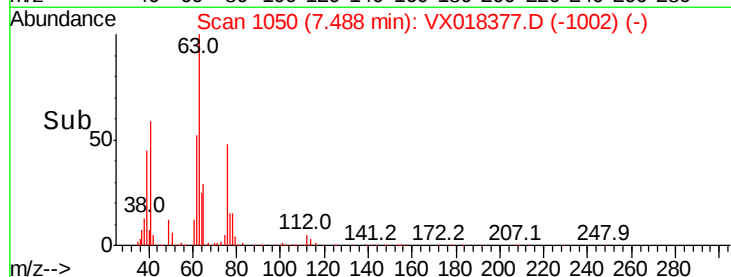
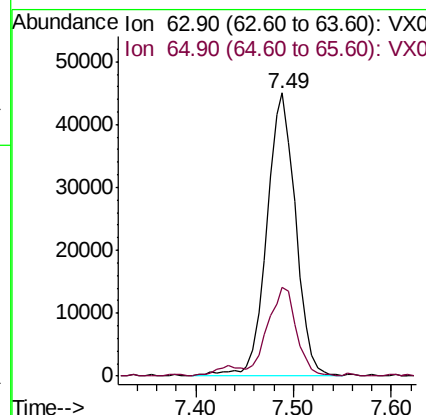
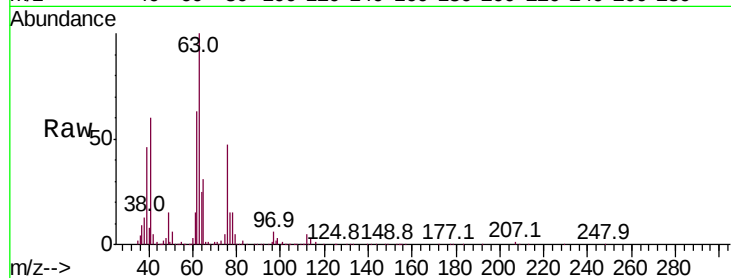




#45
 1,2-Dichloropropane
 Concen: 18.076 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX018377.D
 Acq: 14 Sep 2020 11:45

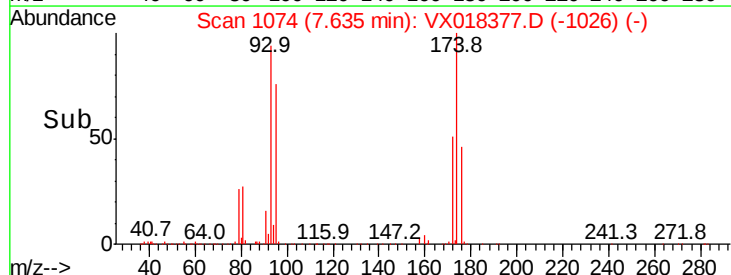
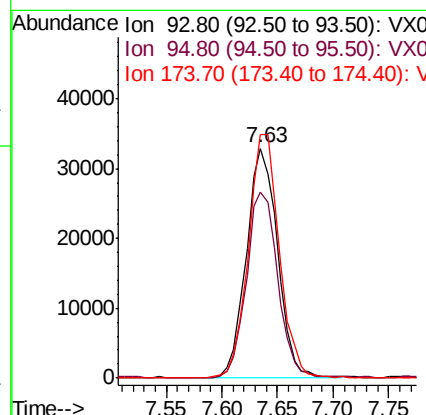
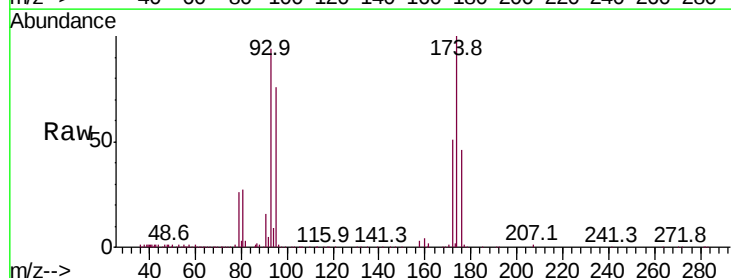
Instrument :
 MSVOA_X
 ClientSampled :

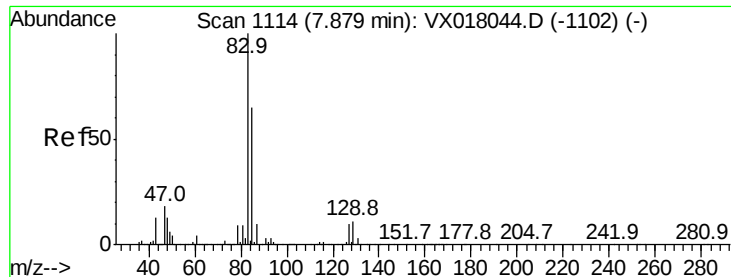
Tot Ion: 63 Resp: 91319
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.7 38.5



#46
 Dibromomethane
 Concen: 18.118 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX018377.D
 Acq: 14 Sep 2020 11:45

Tgt Ion: 93 Resp: 64366
 Ion Ratio Lower Upper
 93 100
 95 81.9 67.3 100.9
 174 105.3 82.2 123.2





#47

Bromodichloromethane

Concen: 19.468 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018377.D

Acq: 14 Sep 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

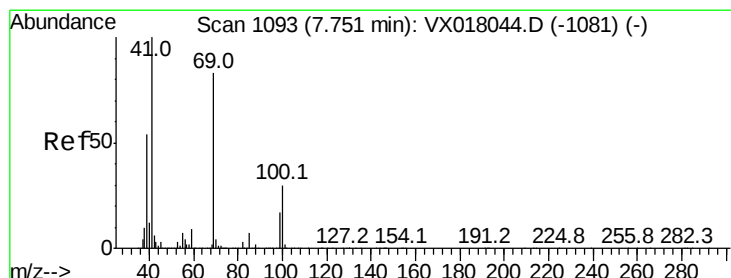
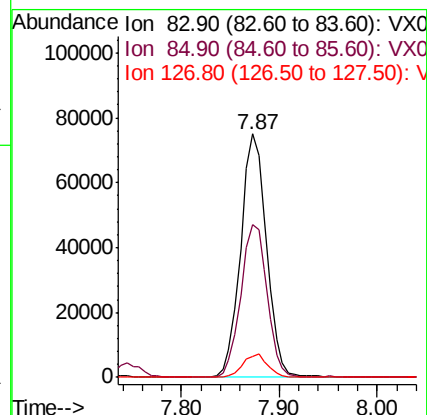
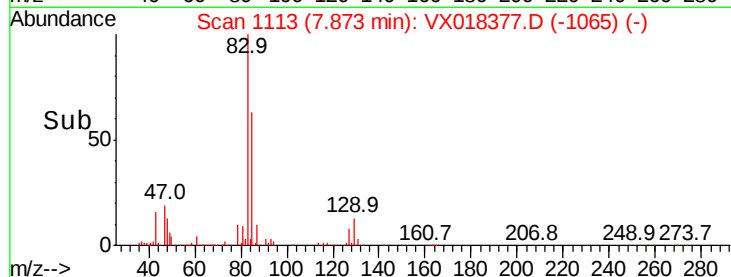
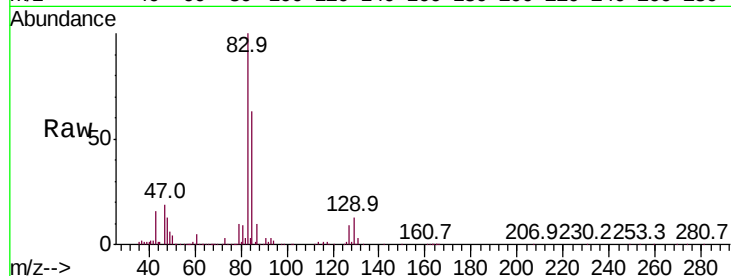
Tot Ion: 83 Resp: 138092

Ion Ratio Lower Upper

83 100

85 62.8 51.8 77.6

127 8.5 7.7 11.5



#48

Methyl methacrylate

Concen: 16.777 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX018377.D

Acq: 14 Sep 2020 11:45

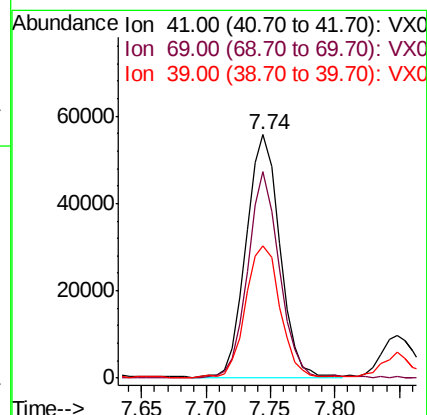
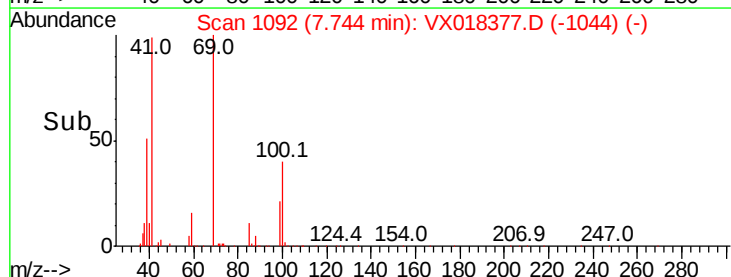
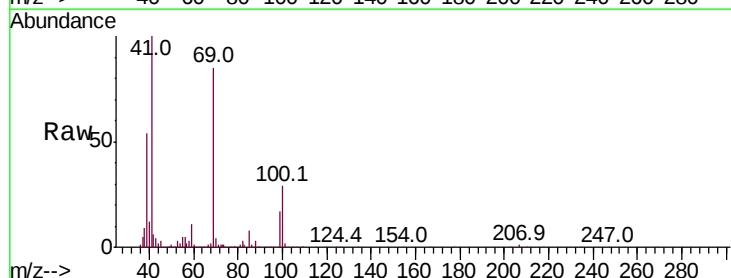
Tgt Ion: 41 Resp: 99940

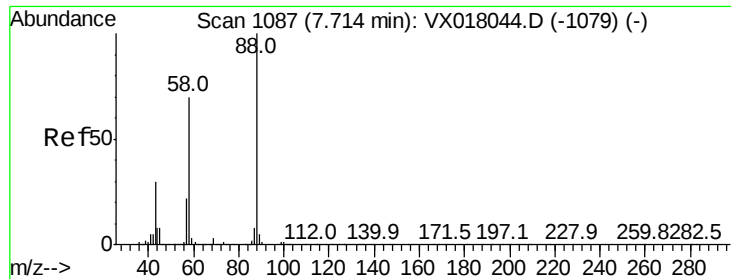
Ion Ratio Lower Upper

41 100

69 80.0 65.5 98.3

39 55.3 44.5 66.7

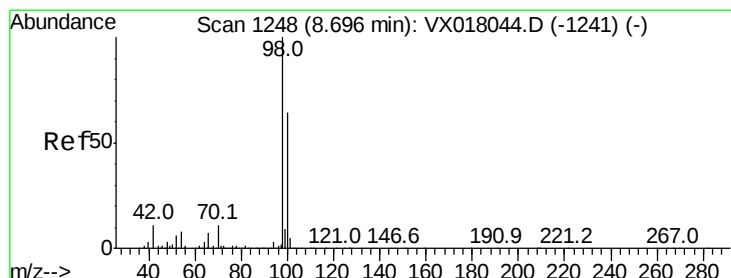
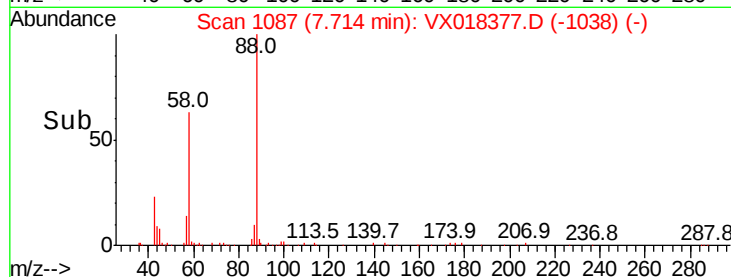
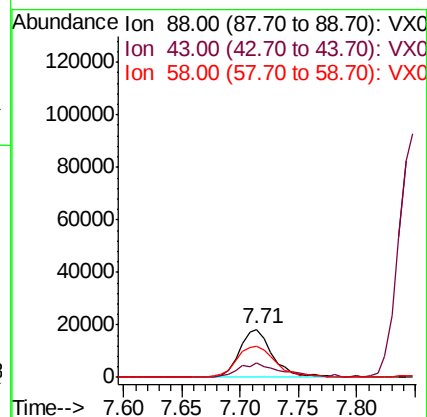
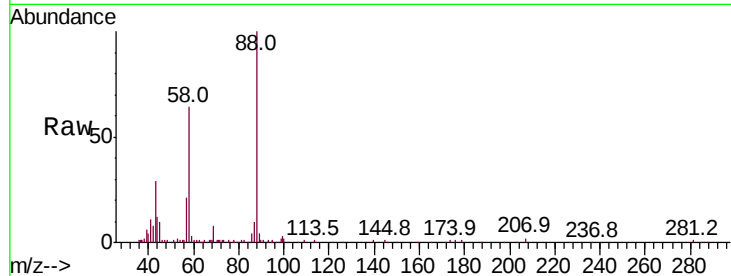




#49
1,4-Dioxane
Concen: 332.953 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018377.D
Acq: 14 Sep 2020 11:45

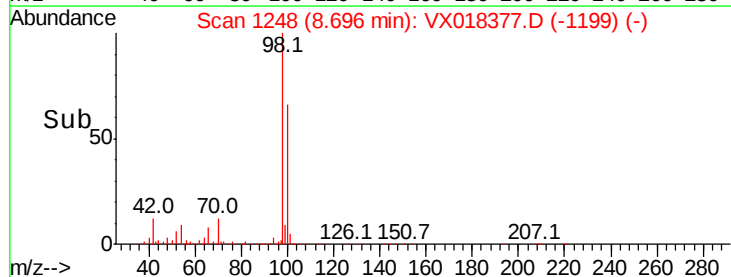
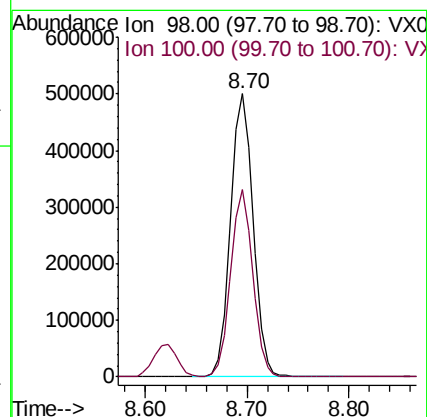
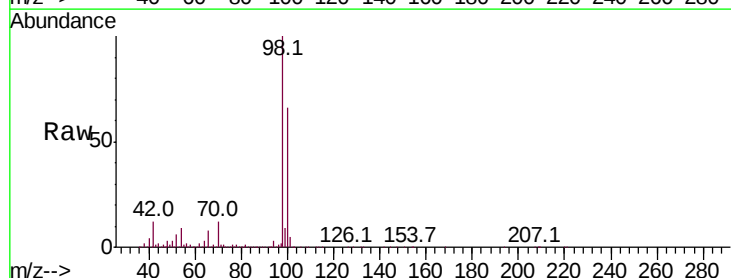
Instrument :
MSVOA_X
ClientSampleId :

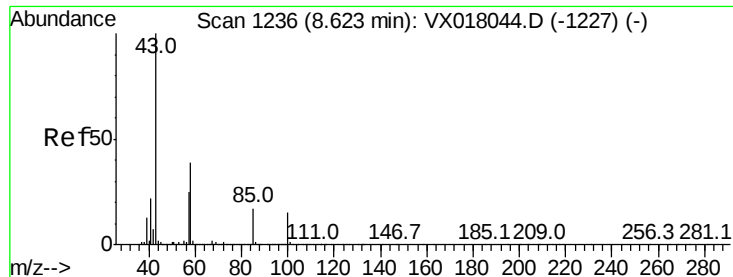
Tot Ion	88	Resp	35928
Ion	Ratio	Lower	Upper
88	100		
43	34.5	27.4	41.0
58	76.8	56.4	84.6



#50
Toluene-d8
Concen: 43.653 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018377.D
Acq: 14 Sep 2020 11:45

Tgt Ion	98	Resp	765816
Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.2	78.4





#51

4-Methyl-2-Pentanone

Concen: 85.242 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX018377.D

Acq: 14 Sep 2020 11:45

Instrument :

MSVOA_X

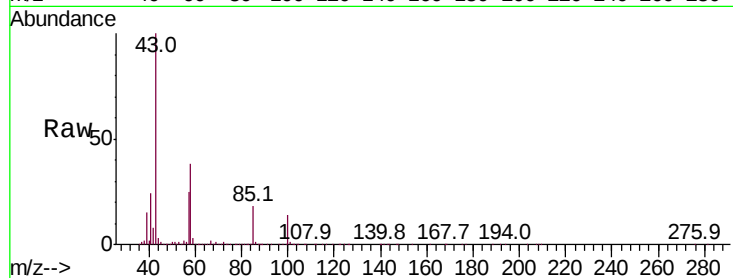
ClientSampleId :

Tot Ion: 43 Resp: 630099

Ion Ratio Lower Upper

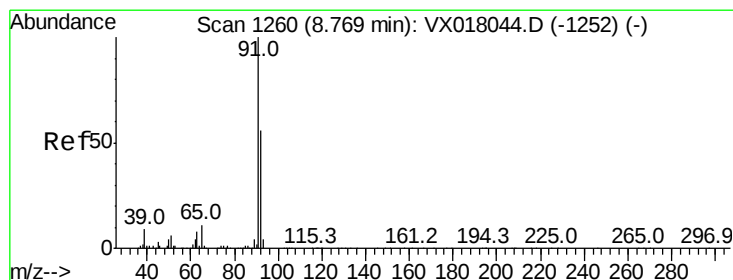
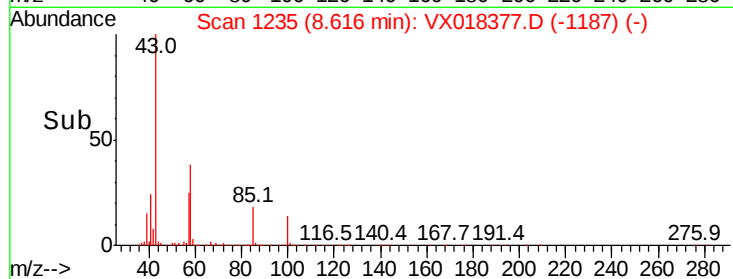
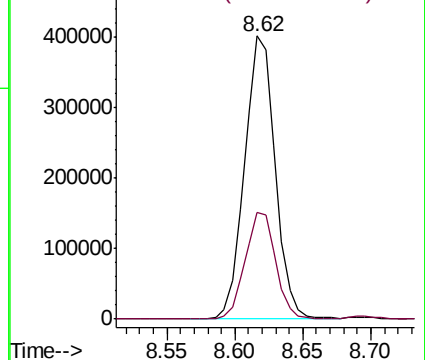
43 100

58 37.5 30.7 46.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 17.912 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018377.D

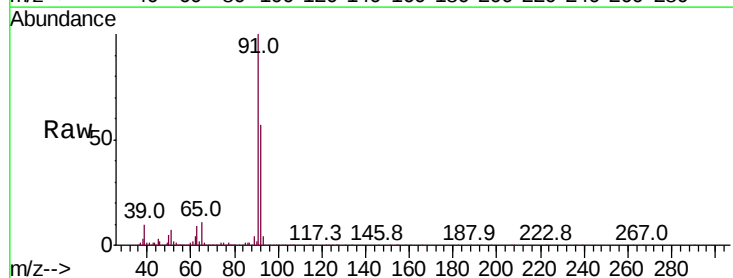
Acq: 14 Sep 2020 11:45

Tgt Ion: 92 Resp: 212888

Ion Ratio Lower Upper

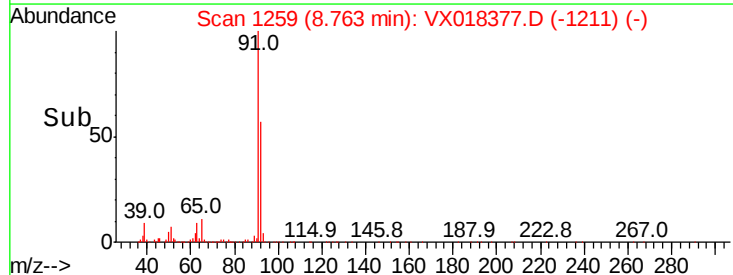
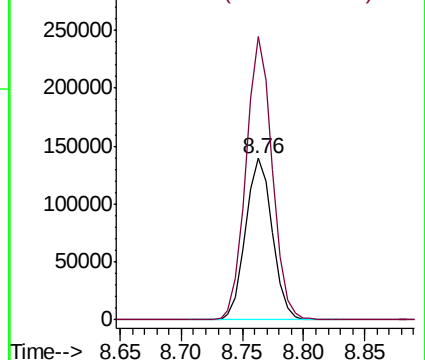
92 100

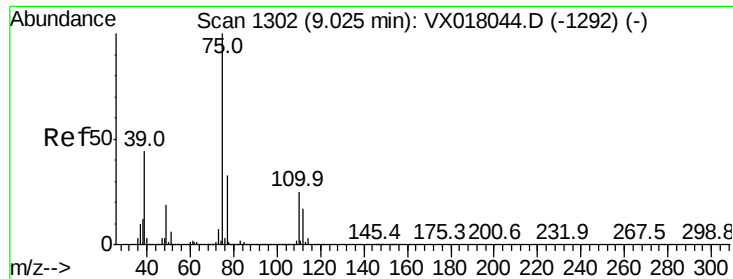
91 171.8 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 18.429 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

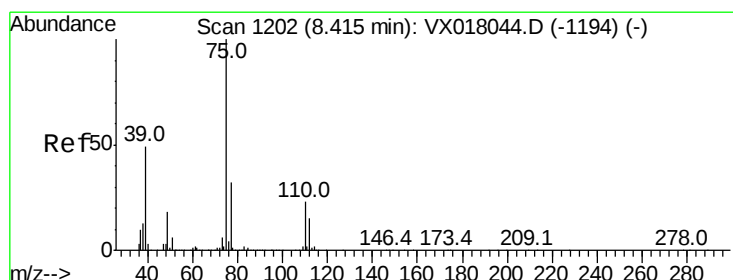
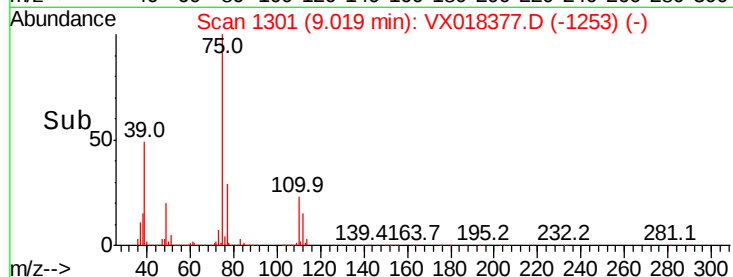
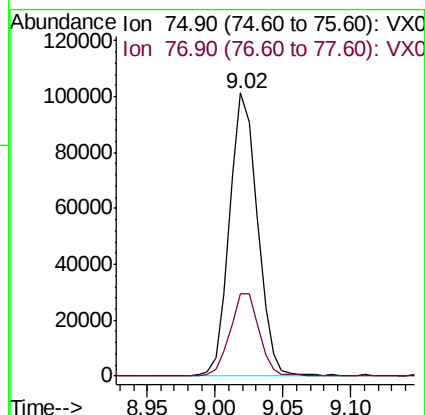
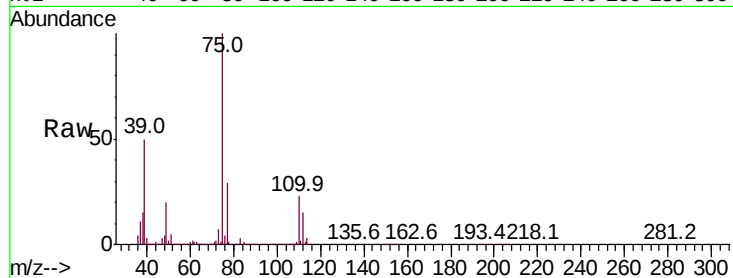
Lab File: VX018377.D

Acq: 14 Sep 2020 11:45

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 144884

Ion	Ratio	Lower	Upper
75	100		
77	29.0	26.6	39.8



#54

cis-1,3-Dichloropropene

Concen: 18.300 ug/l

RT: 8.42 min Scan# 1202

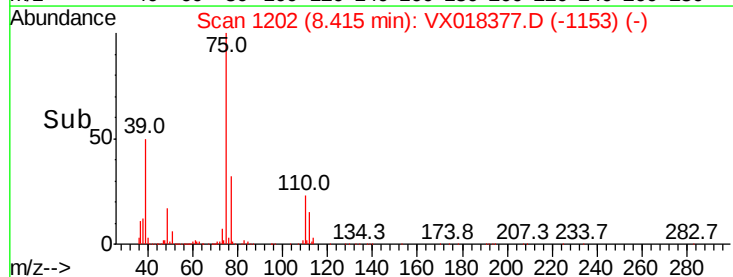
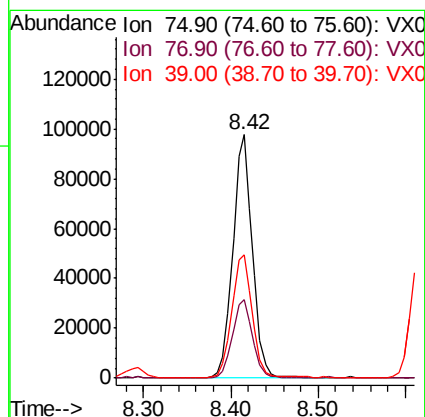
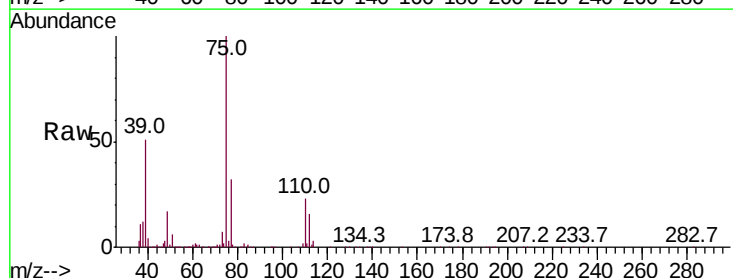
Delta R.T. -0.00 min

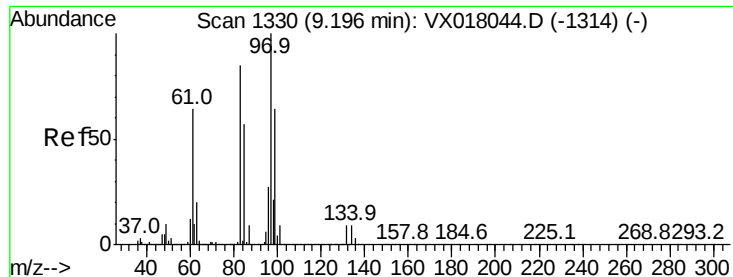
Lab File: VX018377.D

Acq: 14 Sep 2020 11:45

Tgt Ion: 75 Resp: 152400

Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.8	38.8
39	50.3	38.8	58.2

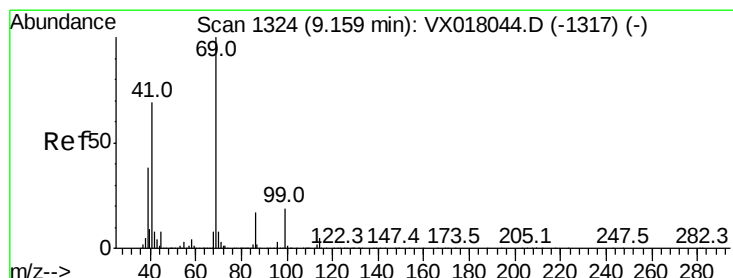
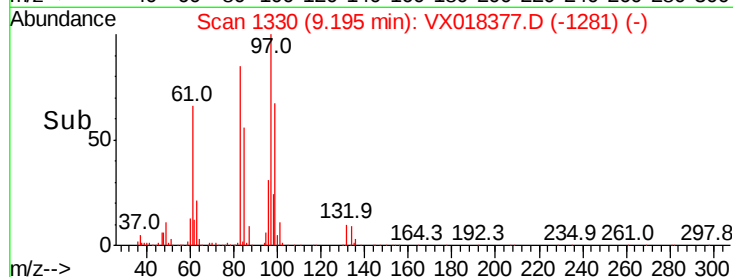
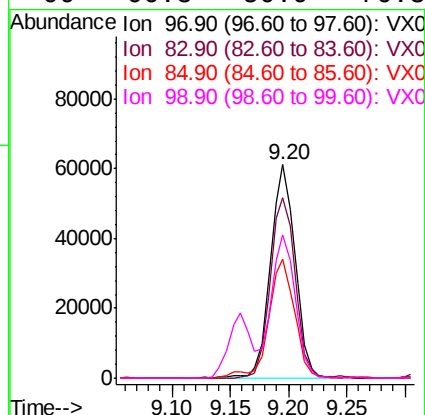
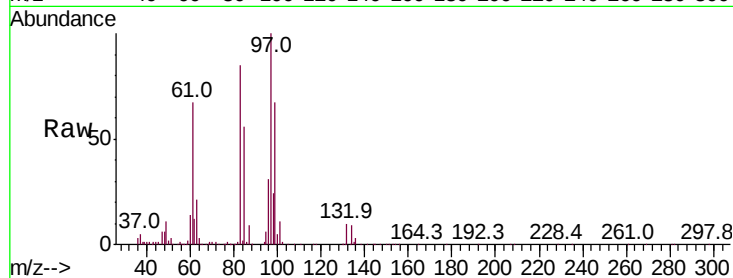




#55
 1,1,2-Trichloroethane
 Concen: 17.648 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018377.D
 Acq: 14 Sep 2020 11:45

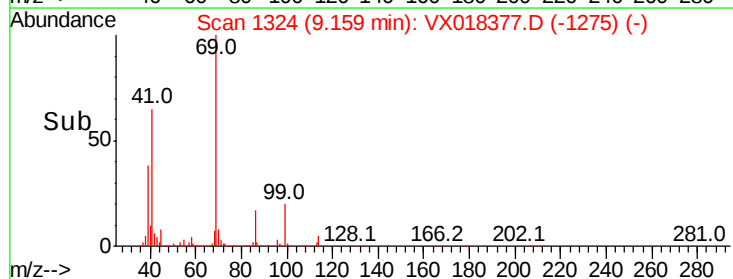
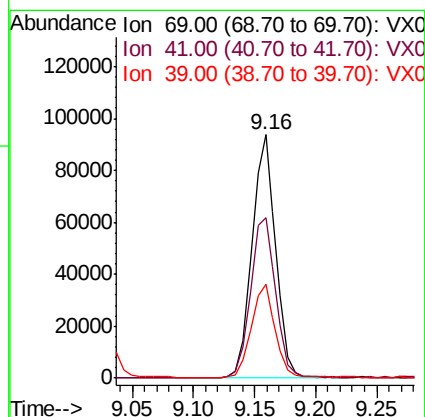
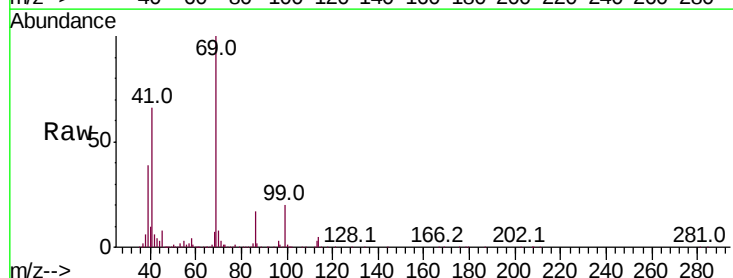
Instrument :
 MSVOA_X
 ClientSampleId :

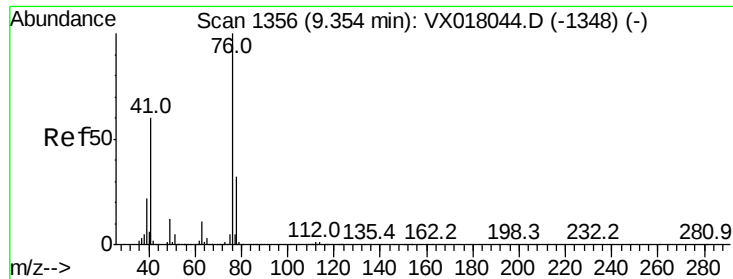
Tot Ion:	97	Resp:	89460
Ion	Ratio	Lower	Upper
97	100		
83	84.6	67.8	101.6
85	55.7	45.3	67.9
99	66.8	50.9	76.3



#56
 Ethyl methacrylate
 Concen: 16.789 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018377.D
 Acq: 14 Sep 2020 11:45

Tgt Ion:	69	Resp:	126520
Ion	Ratio	Lower	Upper
69	100		
41	69.7	54.6	81.8
39	38.5	29.1	43.7





#57

1,3-Dichloropropane

Concen: 17.851 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018377.D

Acq: 14 Sep 2020 11:45

Instrument :

MSVOA_X

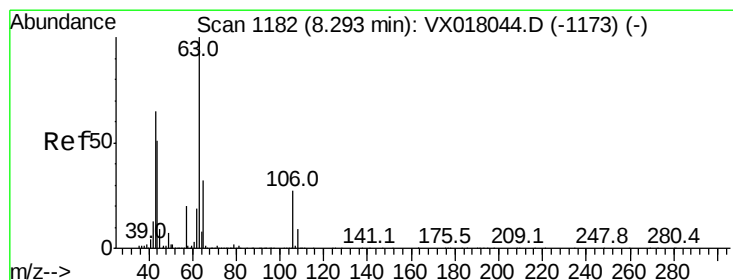
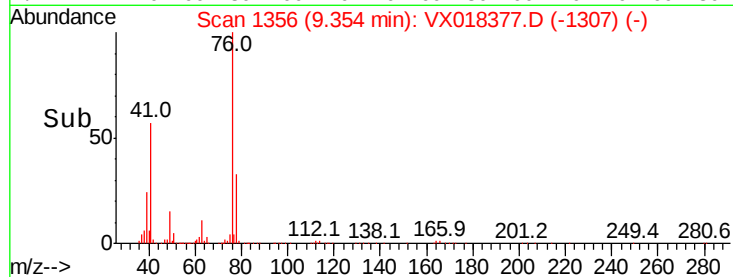
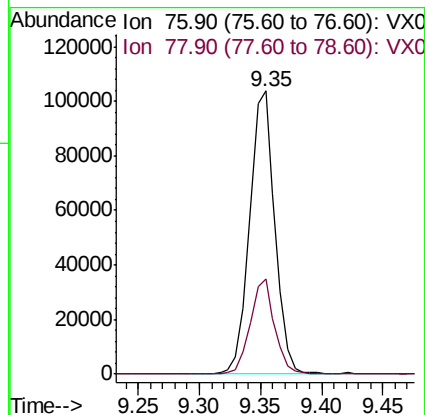
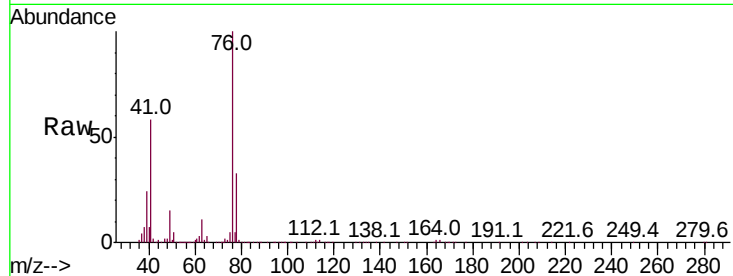
ClientSampleId :

Tot Ion: 76 Resp: 149244

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 88.708 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018377.D

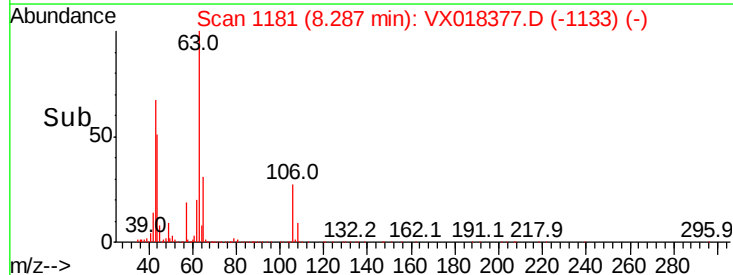
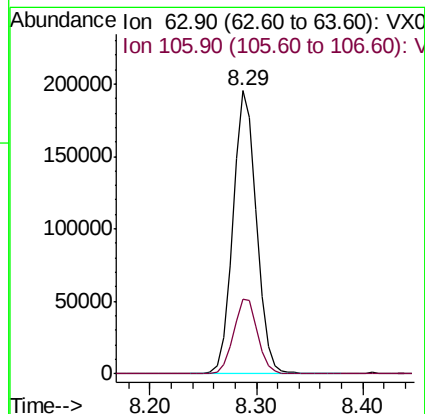
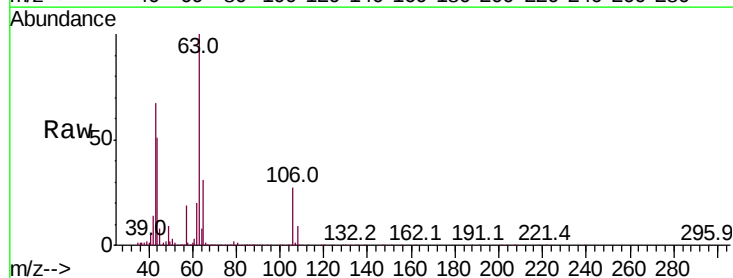
Acq: 14 Sep 2020 11:45

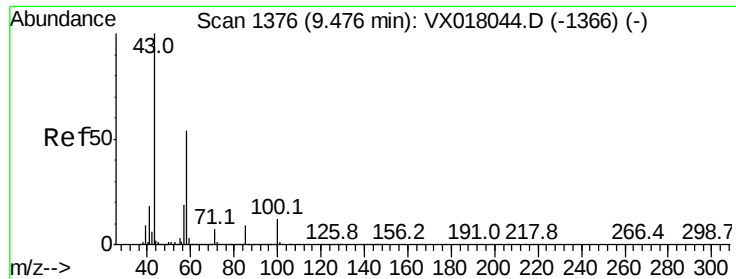
Tgt Ion: 63 Resp: 300712

Ion Ratio Lower Upper

63 100

106 27.4 22.1 33.1

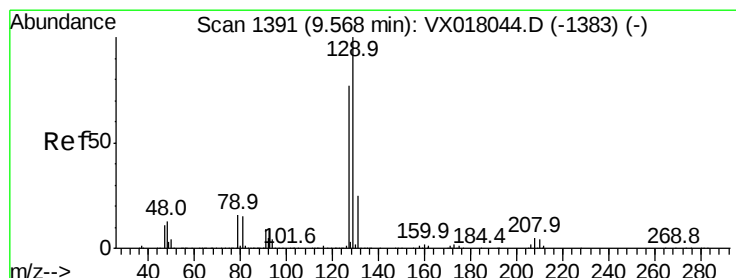
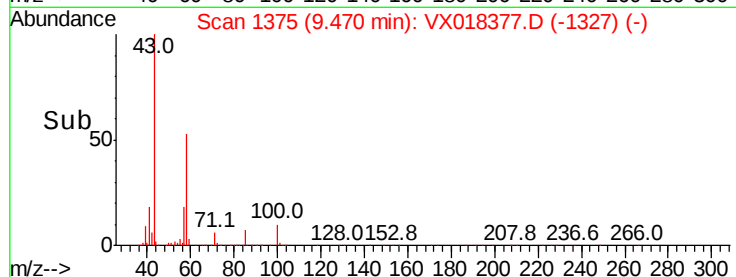
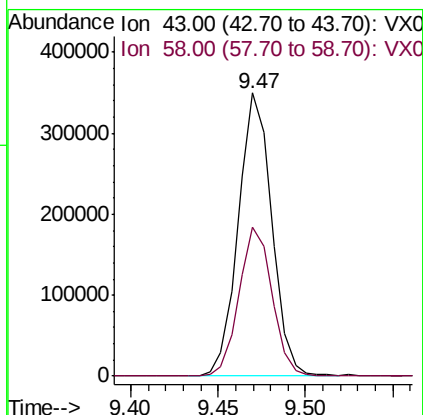
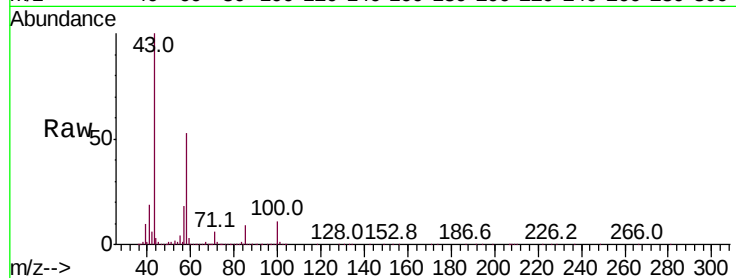




#59
2-Hexanone
Concen: 83.051 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018377.D
Acq: 14 Sep 2020 11:45

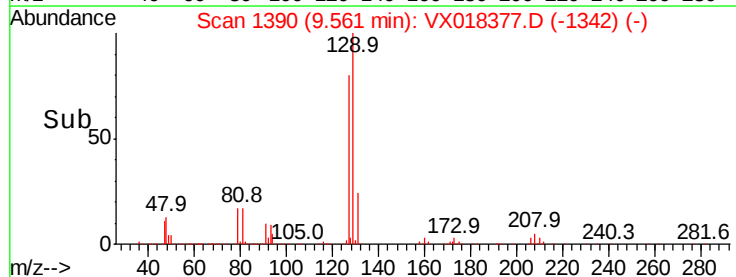
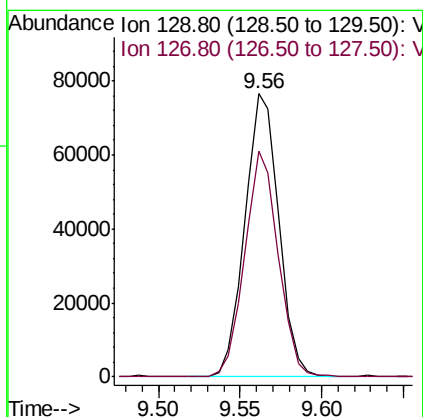
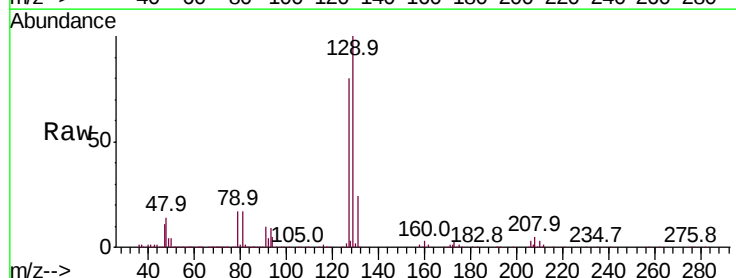
Instrument :
MSVOA_X
ClientSampleId :

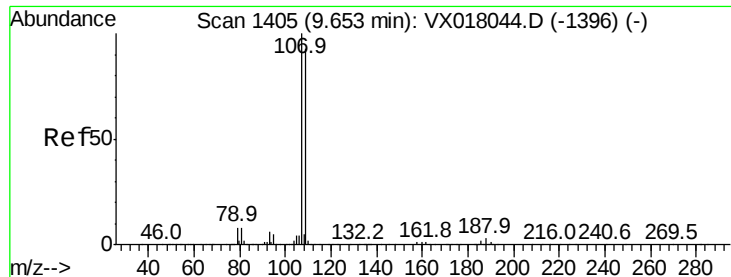
Tot Ion: 43 Resp: 466801
Ion Ratio Lower Upper
43 100
58 52.0 26.6 79.7



#60
Dibromochloromethane
Concen: 18.721 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018377.D
Acq: 14 Sep 2020 11:45

Tgt Ion: 129 Resp: 111325
Ion Ratio Lower Upper
129 100
127 78.6 38.9 116.6





#61

1,2-Dibromoethane

Concen: 17.696 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018377.D

Acq: 14 Sep 2020 11:45

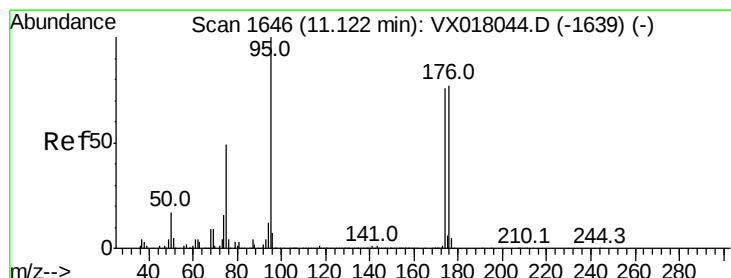
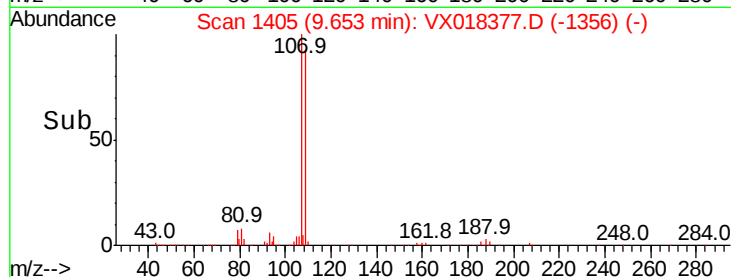
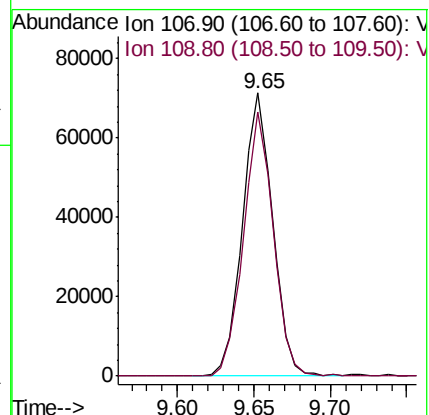
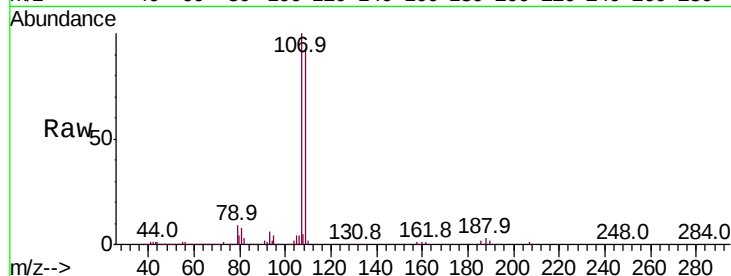
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:107 Resp: 97389

Ion Ratio Lower Upper

107 100

109 92.5 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 42.832 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018377.D

Acq: 14 Sep 2020 11:45

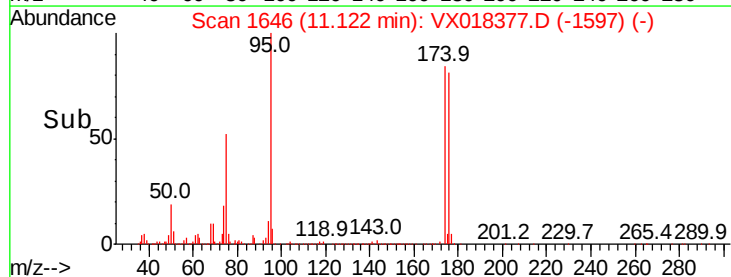
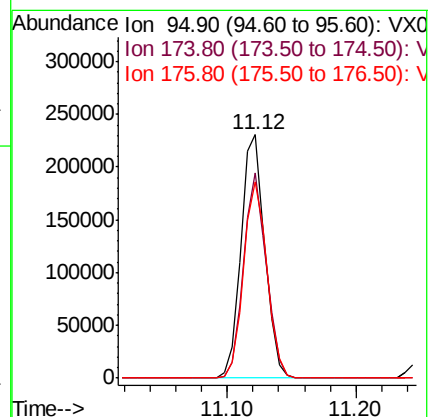
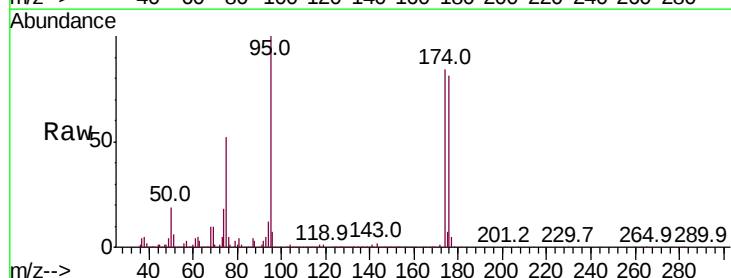
Tgt Ion: 95 Resp: 295638

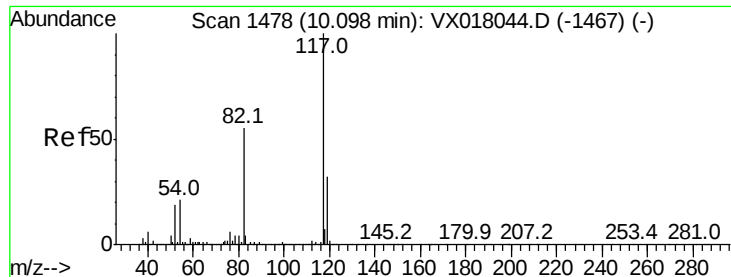
Ion Ratio Lower Upper

95 100

174 80.9 0.0 160.2

176 79.3 0.0 155.8

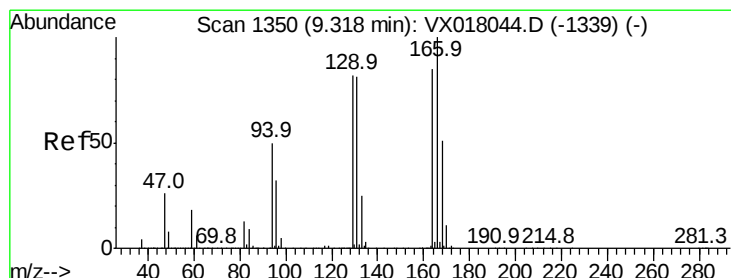
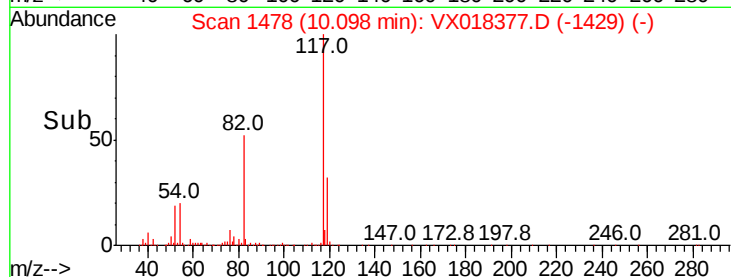
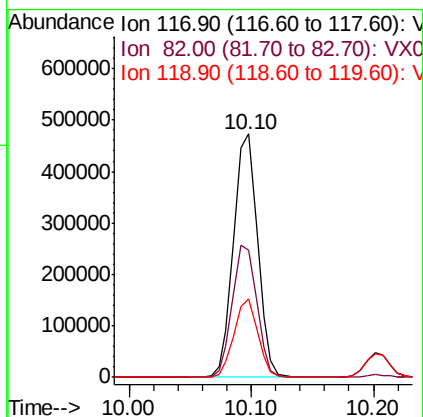
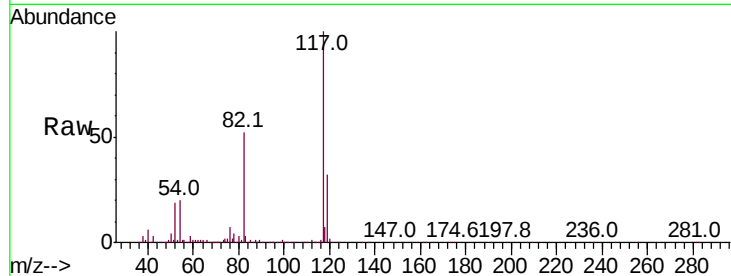




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018377.D
Acq: 14 Sep 2020 11:45

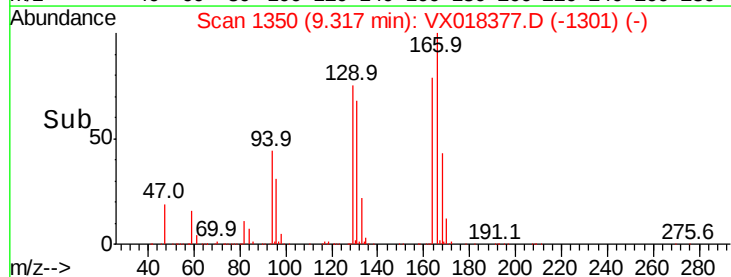
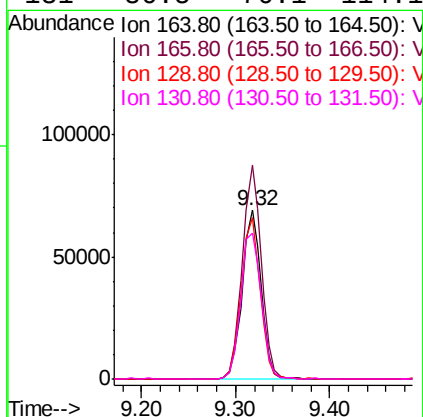
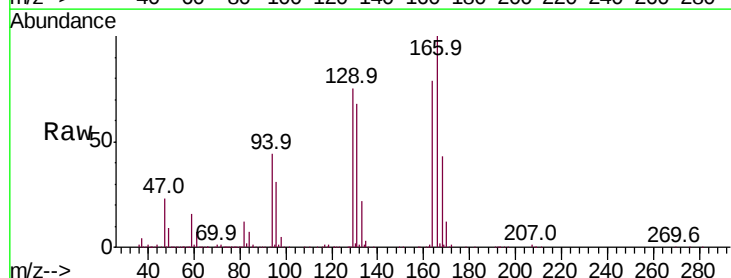
Instrument :
MSVOA_X
ClientSampleId :

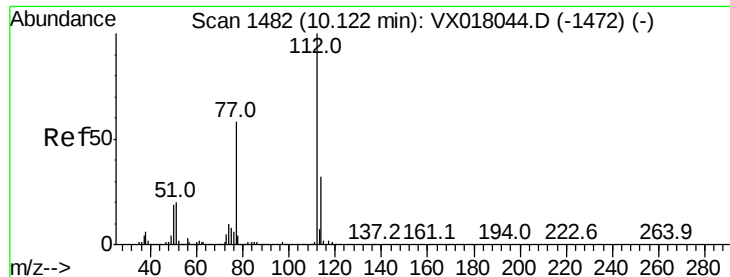
Tot Ion:117 Resp: 643920
Ion Ratio Lower Upper
117 100
82 52.3 44.2 66.2
119 32.2 25.7 38.5



#64
Tetrachloroethene
Concen: 20.378 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018377.D
Acq: 14 Sep 2020 11:45

Tgt Ion:164 Resp: 96427
Ion Ratio Lower Upper
164 100
166 126.9 94.2 141.2
129 95.5 76.9 115.3
131 86.5 76.1 114.1





#65

Chlorobenzene

Concen: 18.440 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018377.D

Acq: 14 Sep 2020 11:45

Instrument :

MSVOA_X

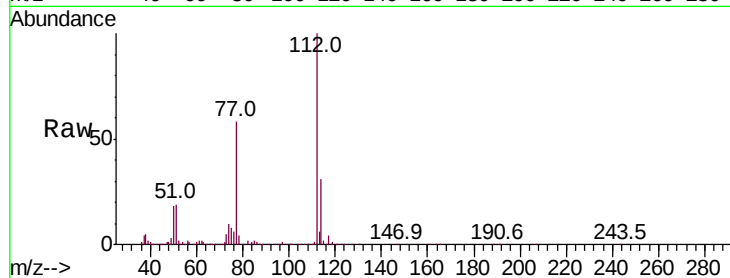
ClientSampled :

Tot Ion:112 Resp: 237152

Ion Ratio Lower Upper

112 100

114 30.5 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

200000

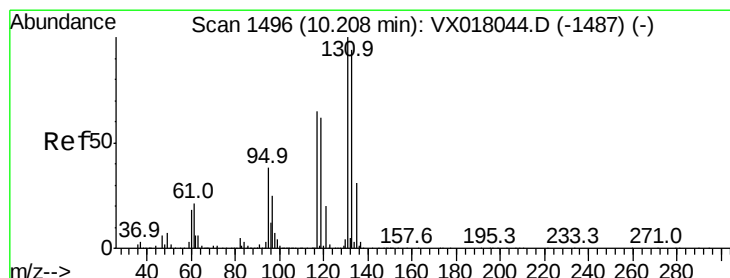
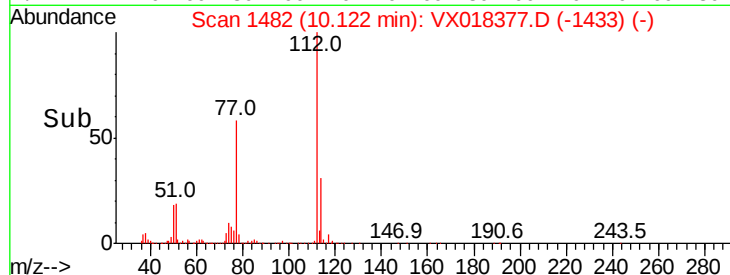
150000

100000

50000

0

Time--> 10.00 10.10 10.20



#66

1,1,1,2-Tetrachloroethane

Concen: 19.223 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX018377.D

Acq: 14 Sep 2020 11:45

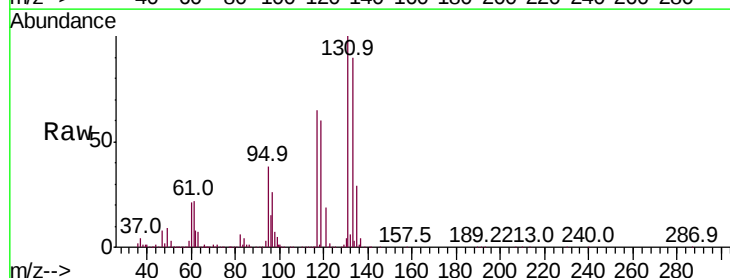
Tgt Ion:131 Resp: 97438

Ion Ratio Lower Upper

131 100

133 97.4 46.7 140.1

119 65.5 31.8 95.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

200000

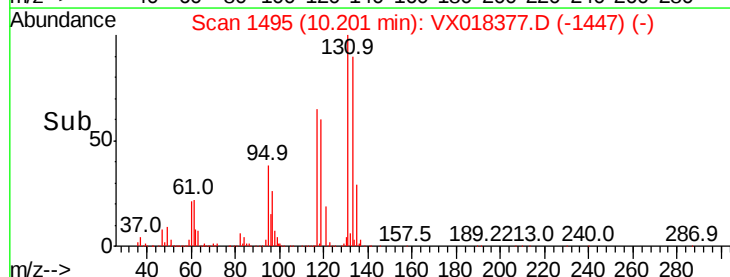
150000

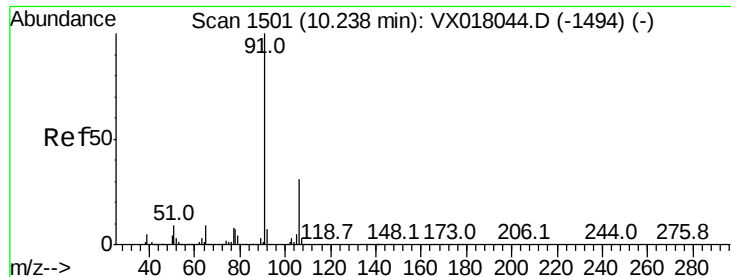
100000

50000

0

Time--> 10.10 10.20 10.30

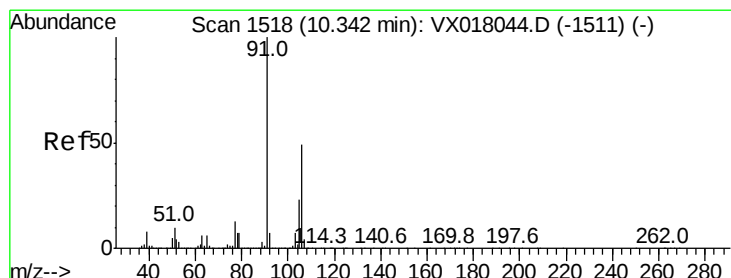
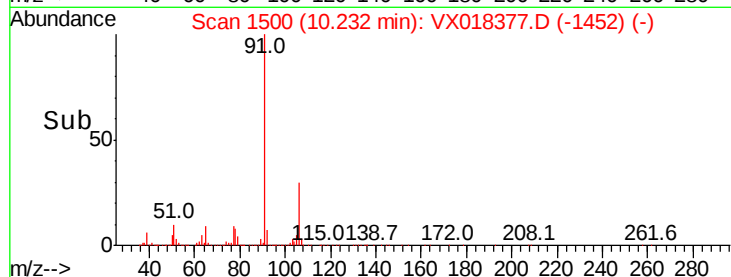
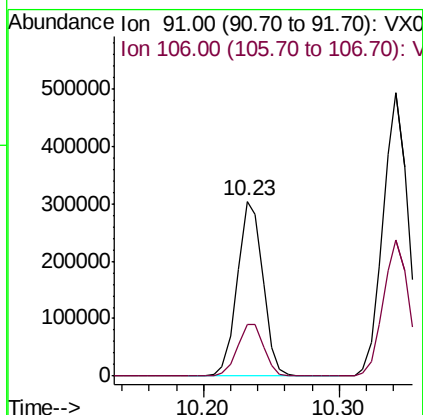
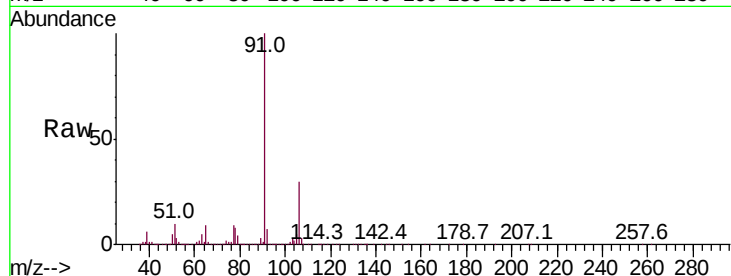




#67
Ethyl Benzene
Concen: 18.130 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX018377.D
Acq: 14 Sep 2020 11:45

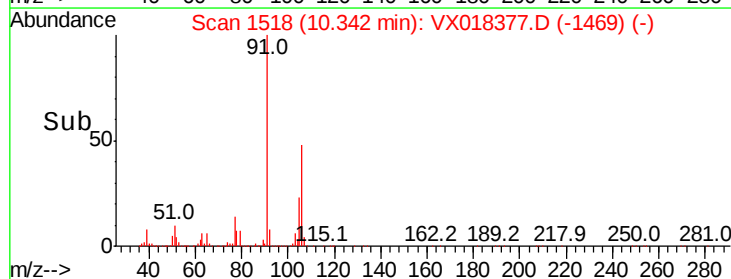
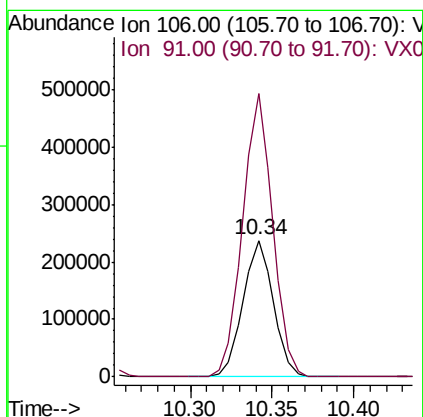
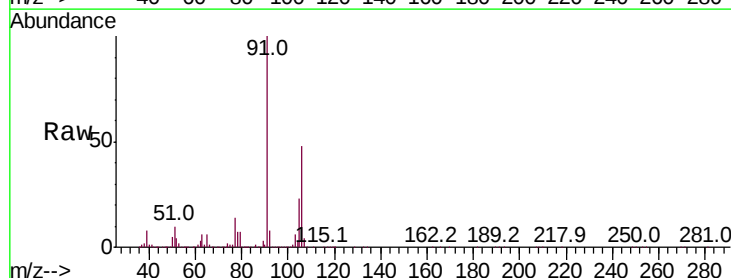
Instrument :
MSVOA_X
ClientSampled :

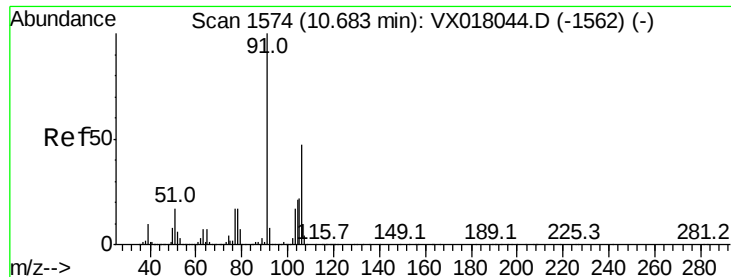
Tot Ion: 91 Resp: 396506
Ion Ratio Lower Upper
91 100
106 29.7 24.9 37.3



#68
m/p-Xylenes
Concen: 37.822 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018377.D
Acq: 14 Sep 2020 11:45

Tgt Ion: 106 Resp: 308745
Ion Ratio Lower Upper
106 100
91 205.4 162.2 243.2

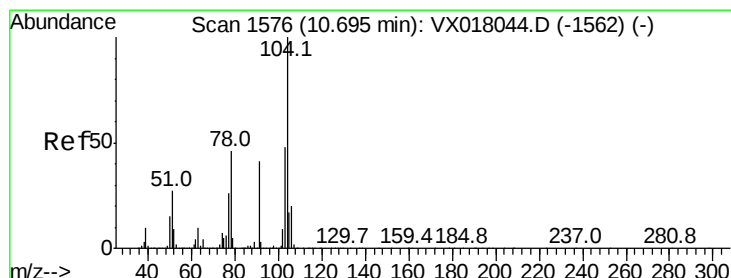
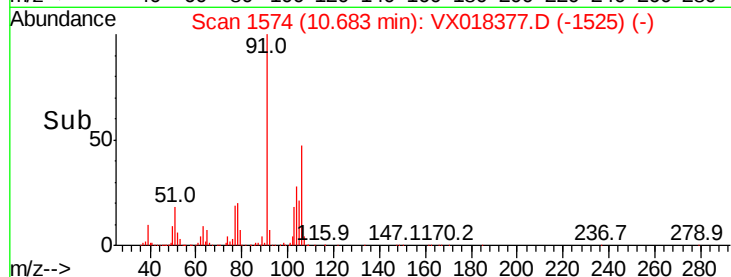
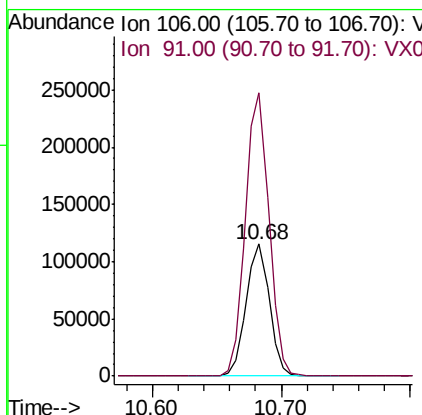
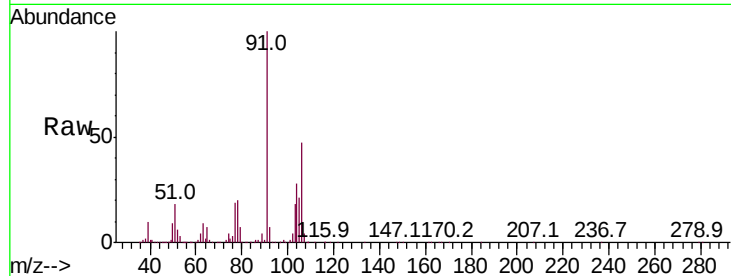




#69
o-Xylene
Concen: 18.188 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018377.D
Acq: 14 Sep 2020 11:45

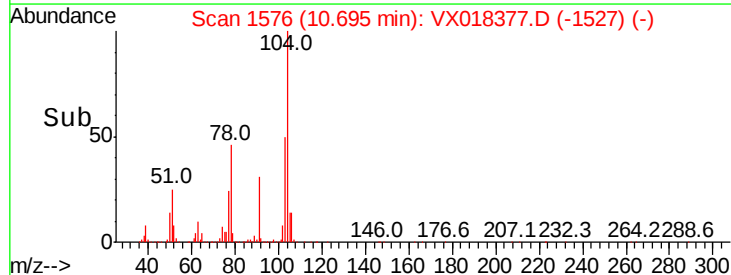
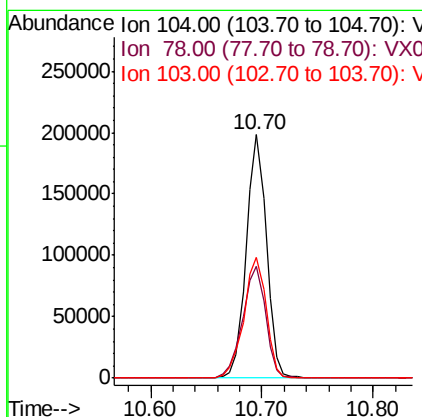
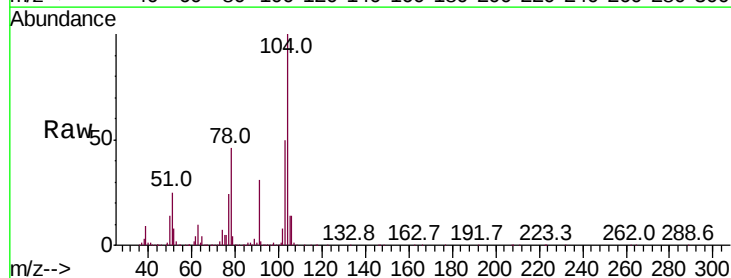
Instrument :
MSVOA_X
ClientSampleId :

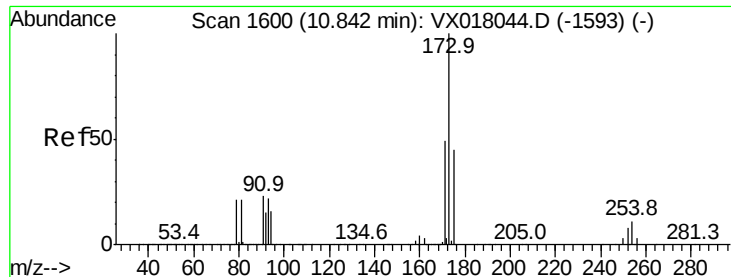
Tot Ion:106 Resp: 143923
Ion Ratio Lower Upper
106 100
91 216.5 107.1 321.3



#70
Styrene
Concen: 18.598 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018377.D
Acq: 14 Sep 2020 11:45

Tgt Ion:104 Resp: 250626
Ion Ratio Lower Upper
104 100
78 52.2 40.9 61.3
103 55.1 43.6 65.4





#71

Bromoform

Concen: 19.114 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018377.D

Acq: 14 Sep 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

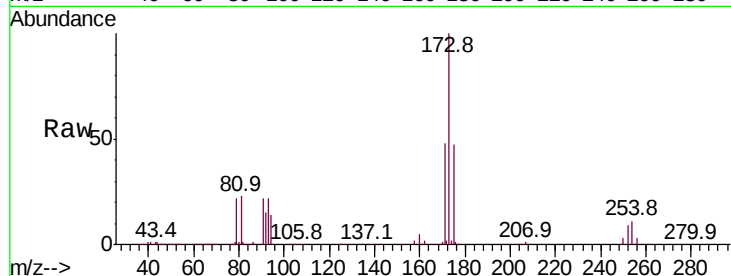
Tot Ion:173 Resp: 82638

Ion Ratio Lower Upper

173 100

175 47.1 23.9 71.8

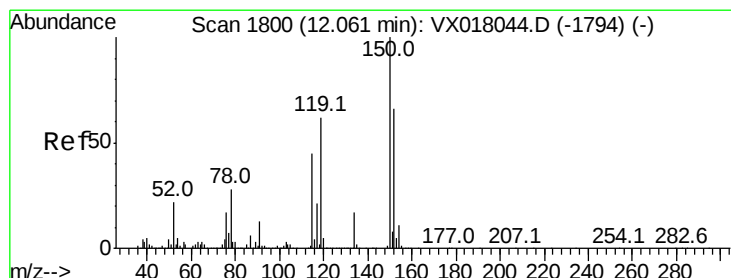
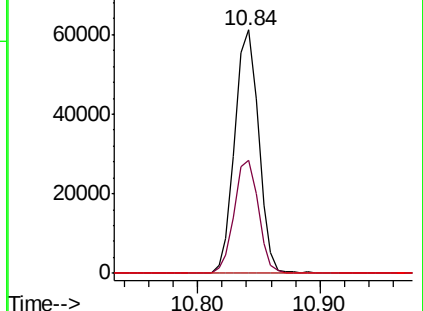
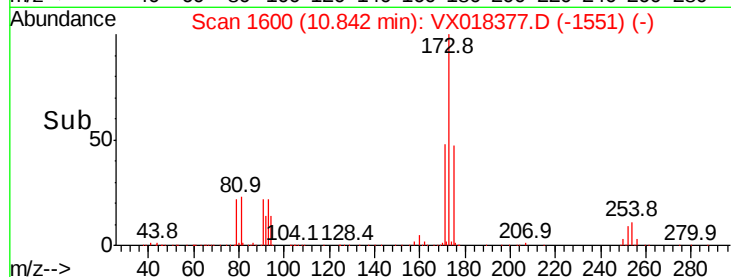
254 0.1 0.2 0.2#



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: VX018377.D

Acq: 14 Sep 2020 11:45

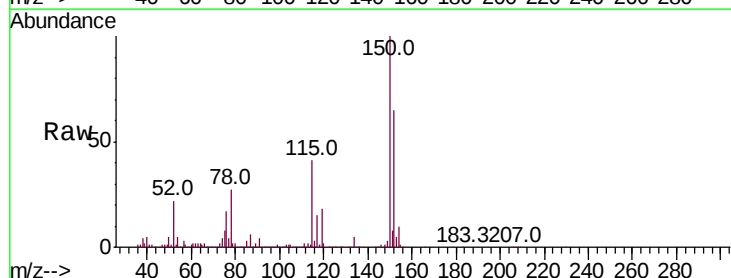
Tgt Ion:152 Resp: 344878

Ion Ratio Lower Upper

152 100

115 67.3 41.5 124.5

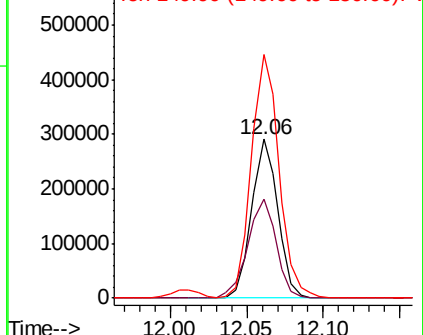
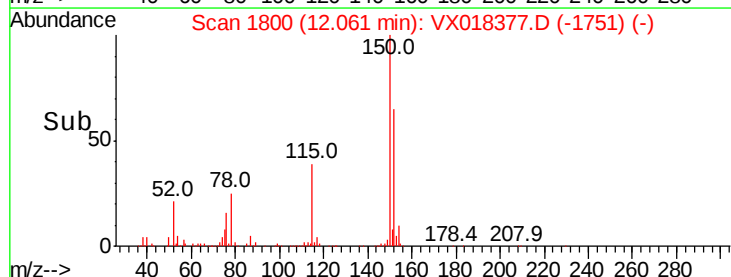
150 162.3 0.0 343.8

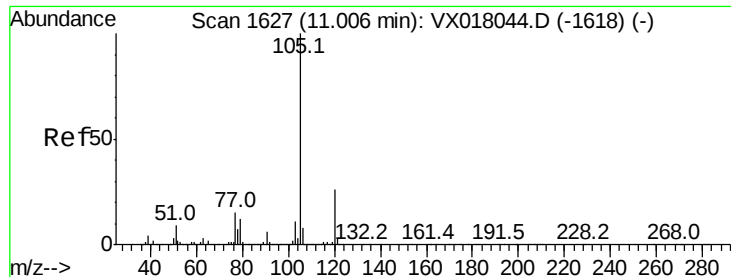


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.809 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018377.D

Acq: 14 Sep 2020 11:45

Instrument :

MSVOA_X

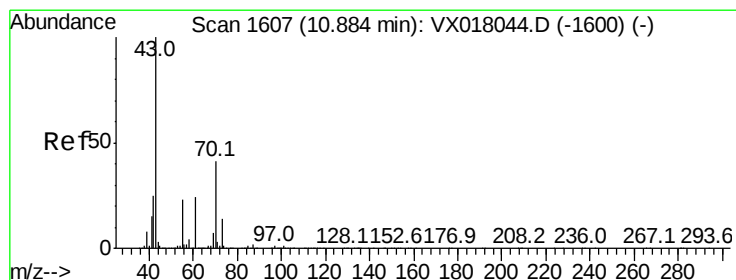
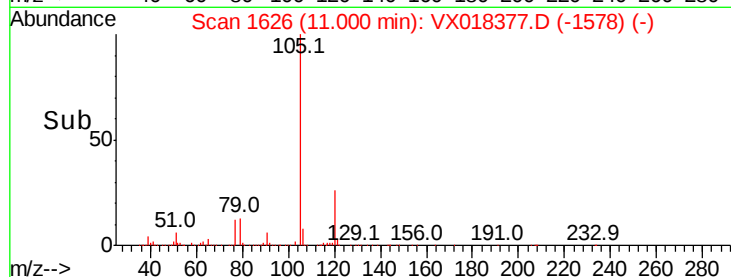
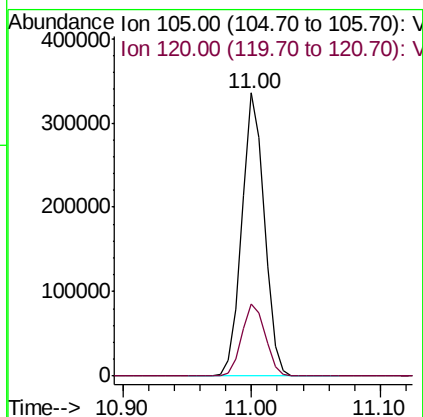
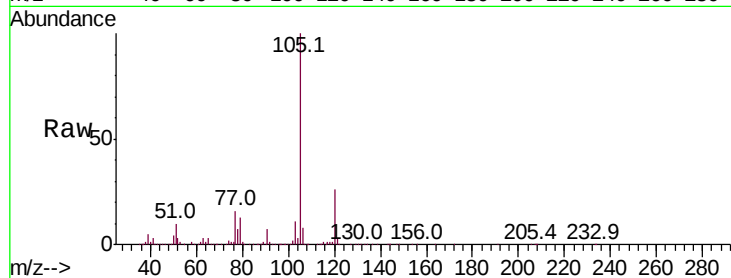
ClientSampleId :

Tot Ion:105 Resp: 405139

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.5



#74

N-ethyl acetate

Concen: 15.677 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018377.D

Acq: 14 Sep 2020 11:45

Tgt Ion: 43 Resp: 169209

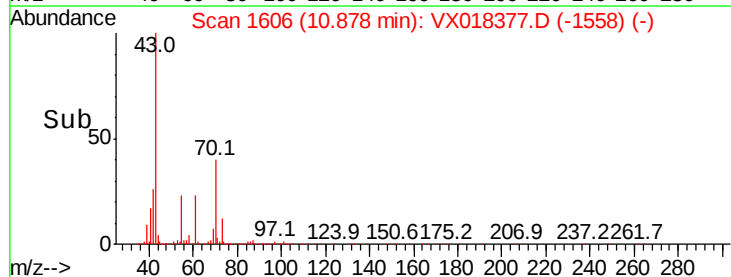
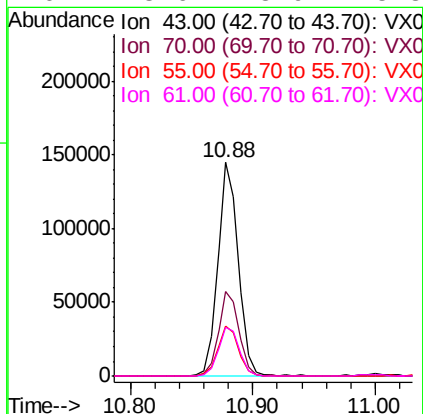
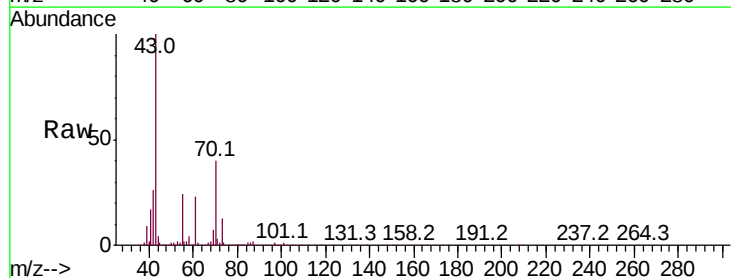
Ion Ratio Lower Upper

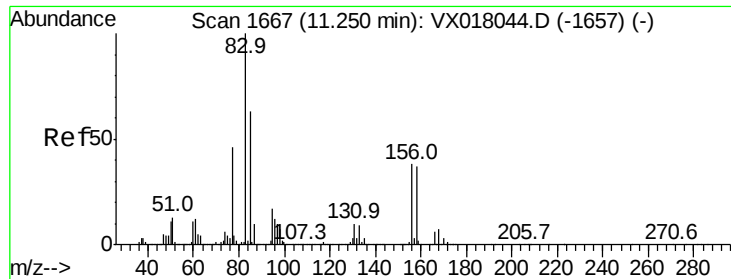
43 100

70 39.8 32.3 48.5

55 24.3 18.2 27.2

61 23.6 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 16.983 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018377.D

Acq: 14 Sep 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

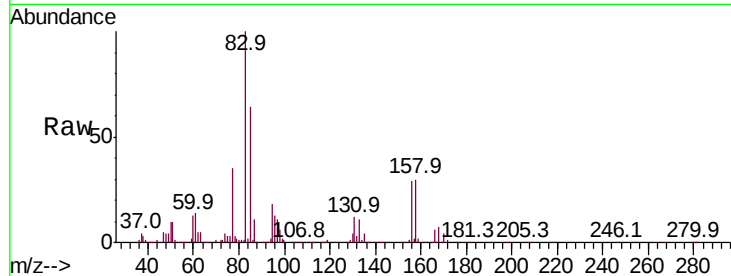
Tot Ion: 83 Resp: 136285

Ion Ratio Lower Upper

83 100

131 11.8 5.1 15.4

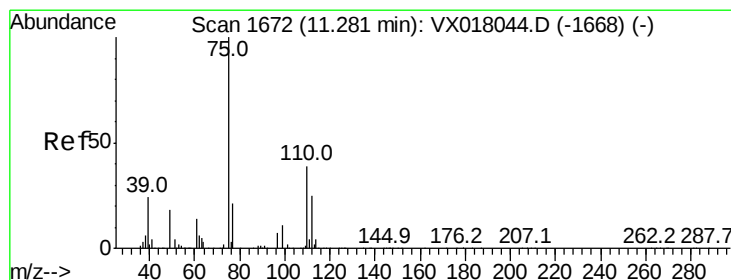
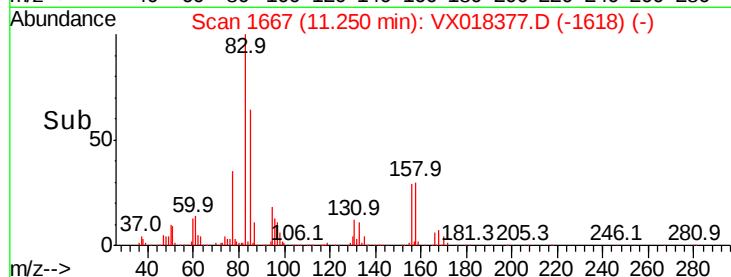
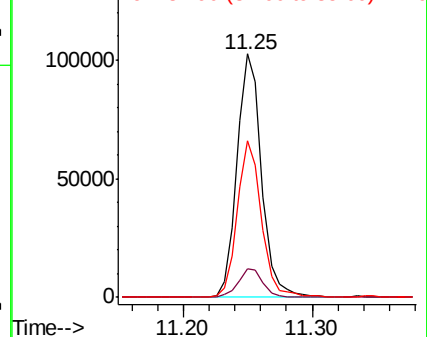
85 63.1 32.2 96.6



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: 21.226 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018377.D

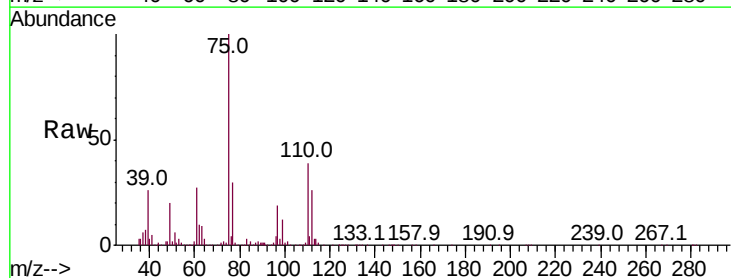
Acq: 14 Sep 2020 11:45

Tgt Ion: 75 Resp: 162847

Ion Ratio Lower Upper

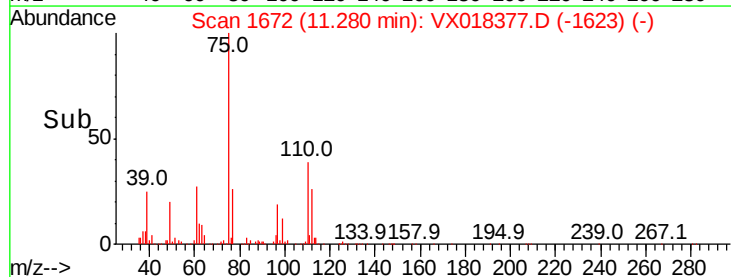
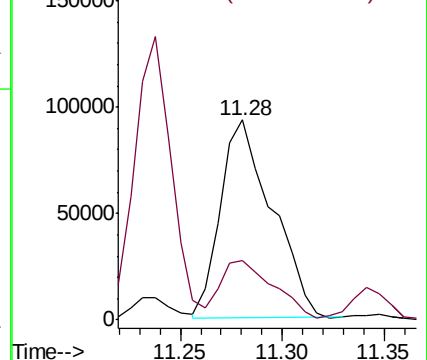
75 100

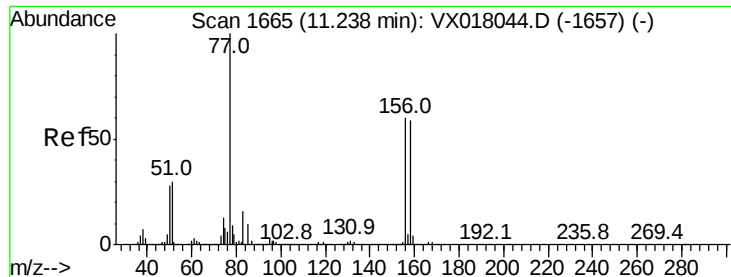
77 31.1 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.069 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018377.D

Acq: 14 Sep 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

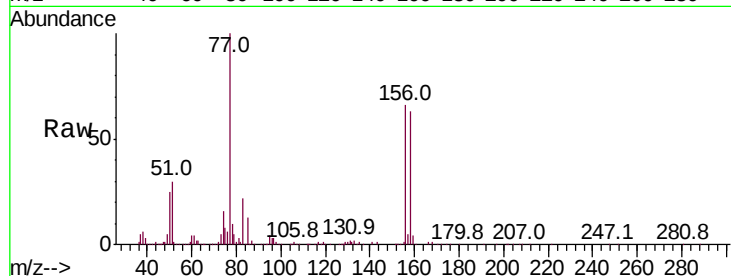
Tot Ion:156 Resp: 107332

Ion Ratio Lower Upper

156 100

77 157.2 80.0 240.2

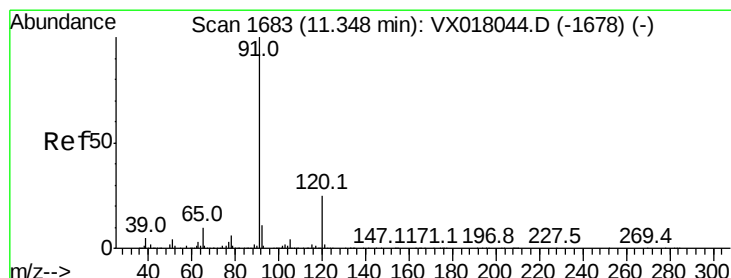
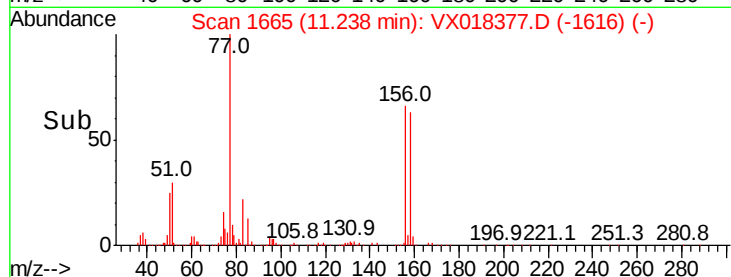
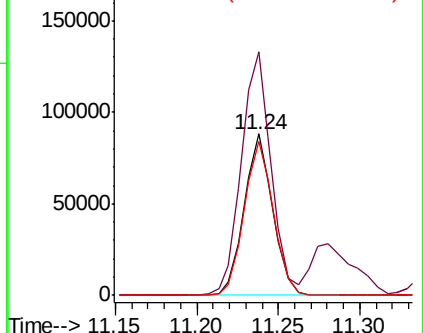
158 97.4 49.5 148.7



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: 17.714 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018377.D

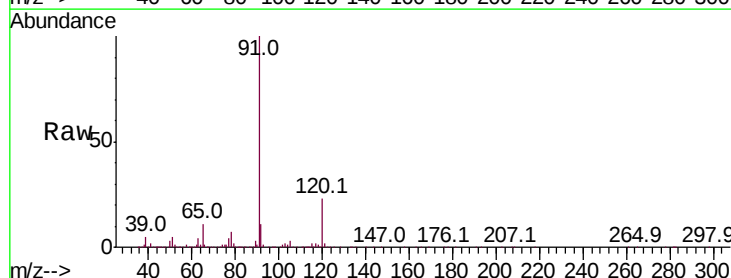
Acq: 14 Sep 2020 11:45

Tgt Ion: 91 Resp: 457540

Ion Ratio Lower Upper

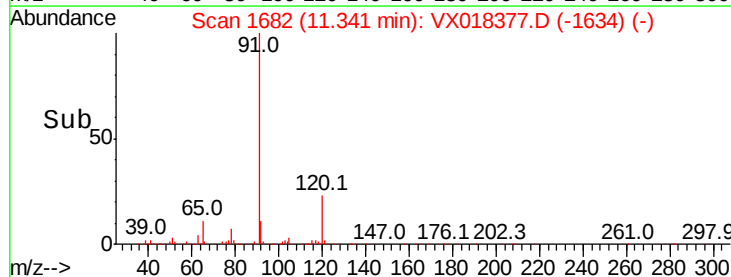
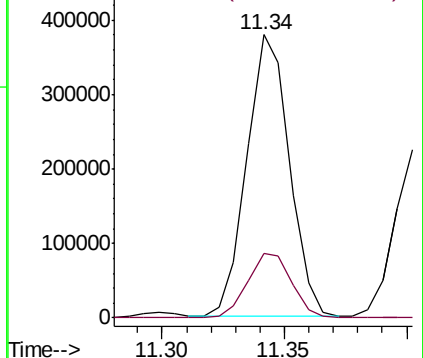
91 100

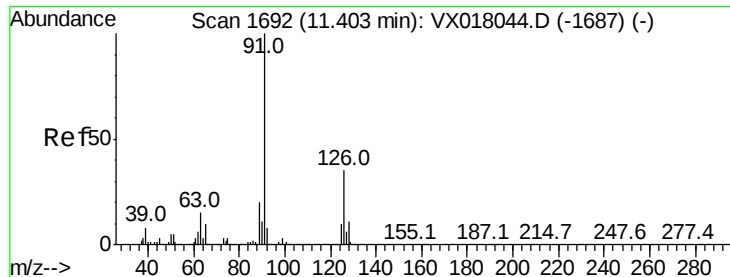
120 23.7 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

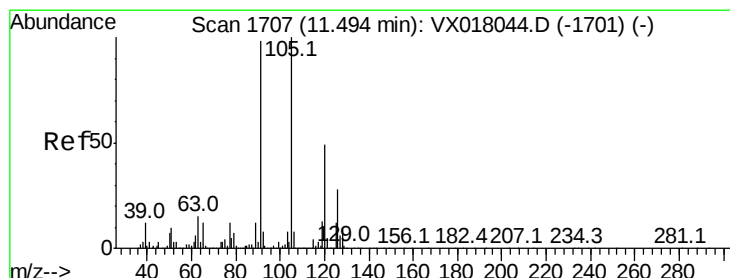
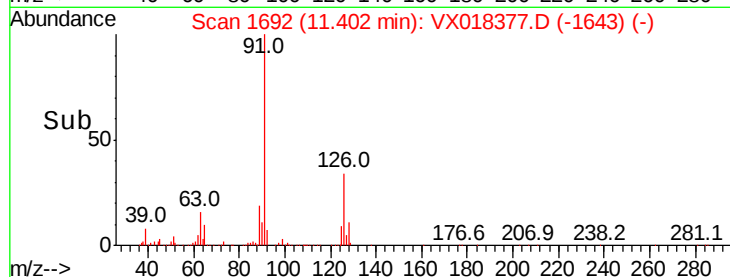
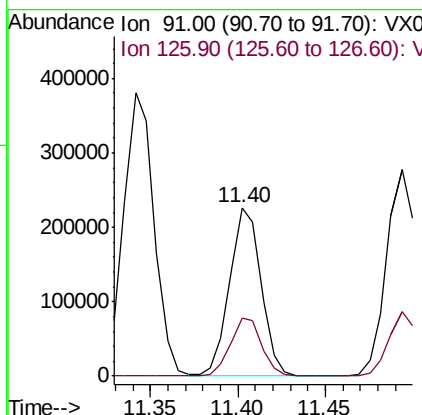
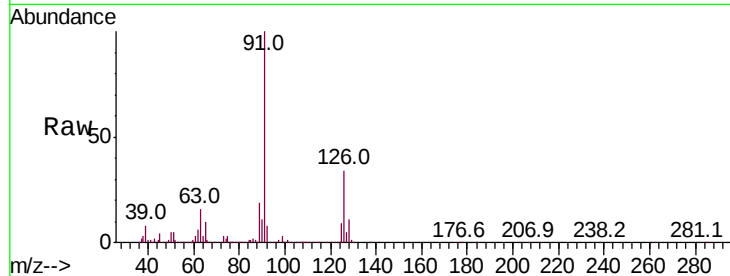




#79
 2-Chlorotoluene
 Concen: 17.749 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX018377.D
 Acq: 14 Sep 2020 11:45

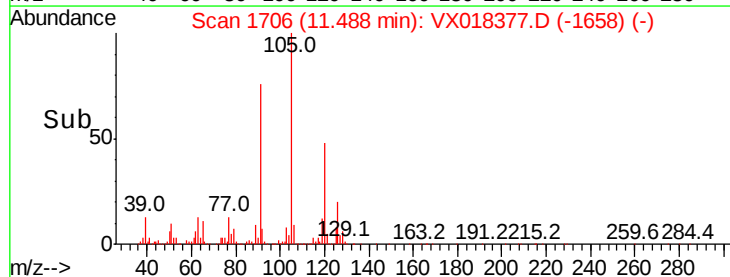
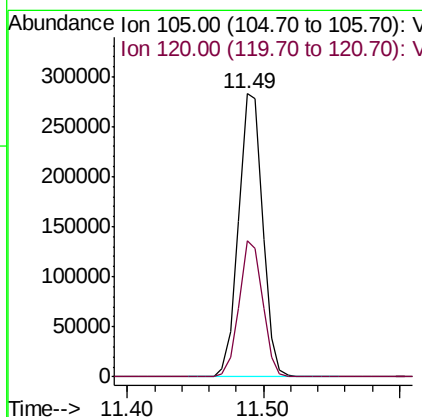
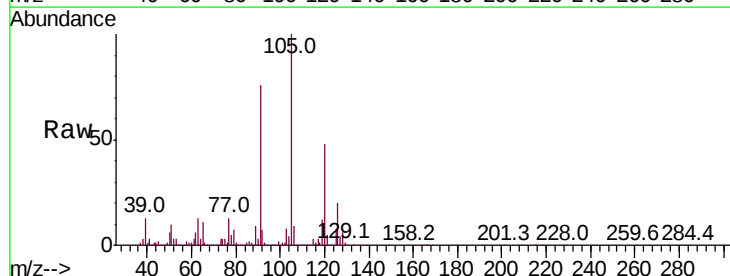
Instrument :
 MSVOA_X
 ClientSampleId :

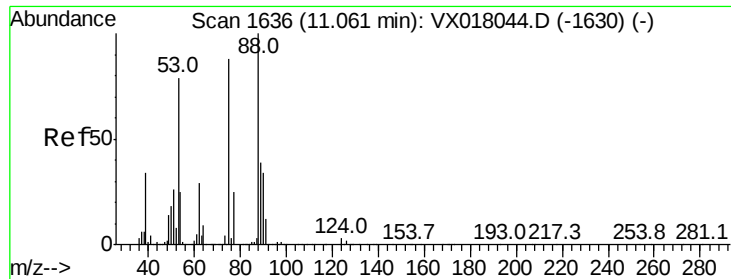
Tot Ion: 91 Resp: 283241
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.4 52.2



#80
 1,3,5-Trimethylbenzene
 Concen: 18.701 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX018377.D
 Acq: 14 Sep 2020 11:45

Tgt Ion: 105 Resp: 349588
 Ion Ratio Lower Upper
 105 100
 120 47.0 24.1 72.2

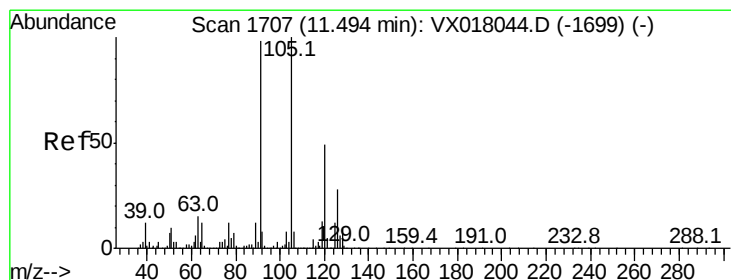
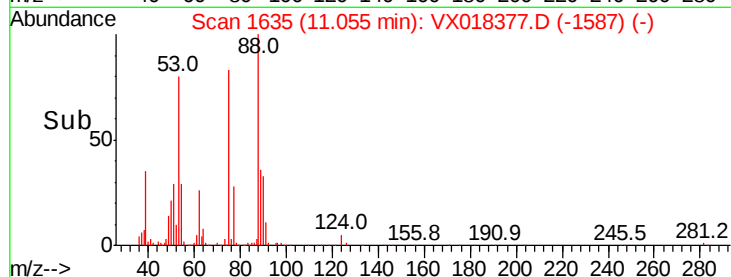
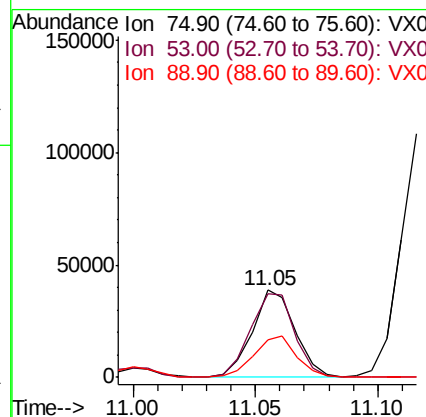
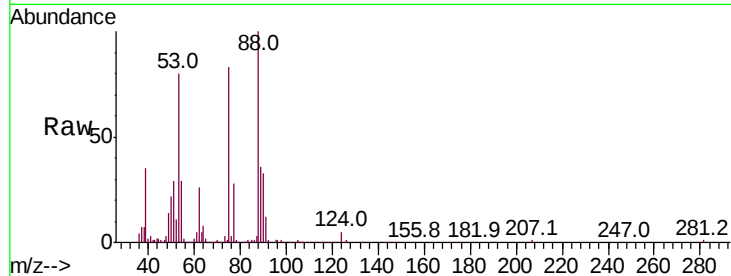




#81
trans-1,4-Dichloro-2-butene
Concen: 16.561 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX018377.D
Acq: 14 Sep 2020 11:45

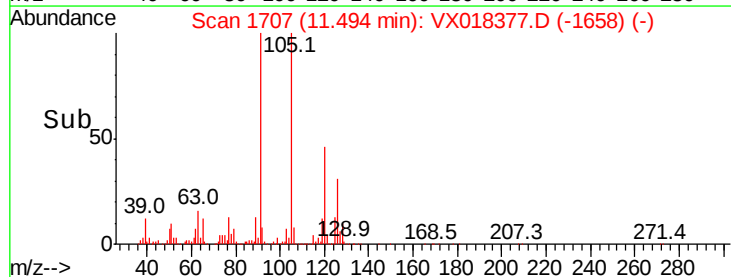
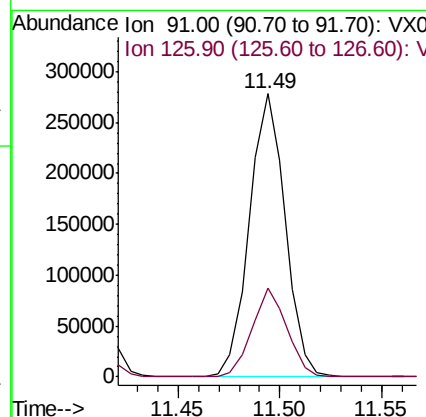
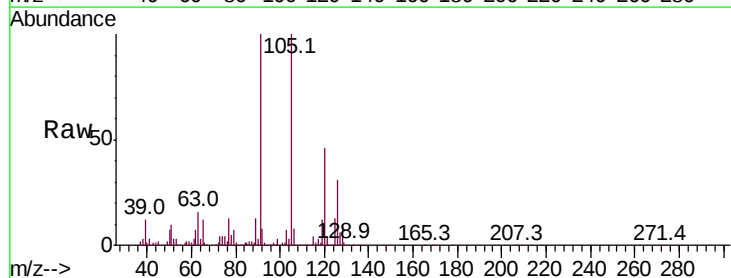
Instrument :
MSVOA_X
ClientSampled :

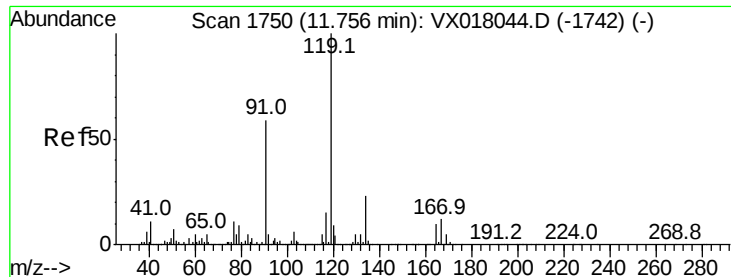
Tot Ion: 75 Resp: 47044
Ion Ratio Lower Upper
75 100
53 99.5 74.7 112.1
89 47.5 36.6 54.8



#82
4-Chlorotoluene
Concen: 17.840 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018377.D
Acq: 14 Sep 2020 11:45

Tgt Ion: 91 Resp: 338447
Ion Ratio Lower Upper
91 100
126 30.7 15.1 45.3





#83

tert-Butylbenzene

Concen: 18.302 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018377.D

Acq: 14 Sep 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

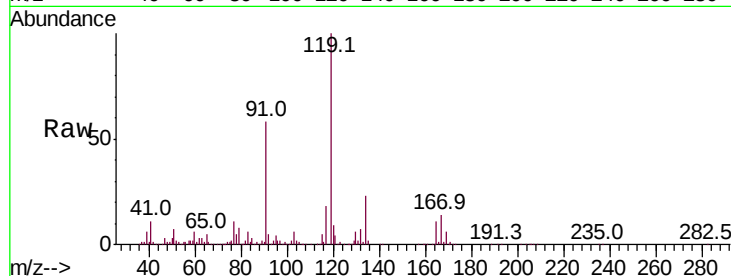
Tot Ion:119 Resp: 337630

Ion Ratio Lower Upper

119 100

91 57.9 28.2 84.7

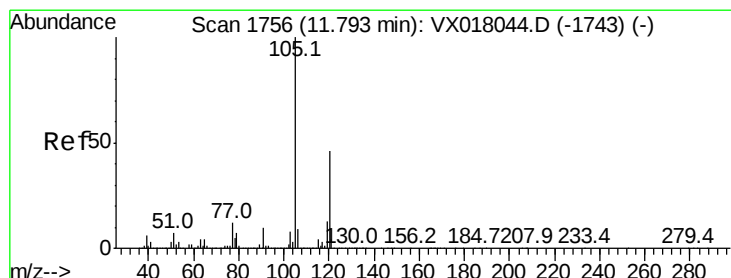
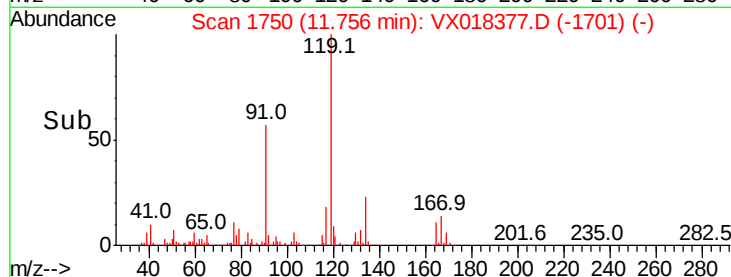
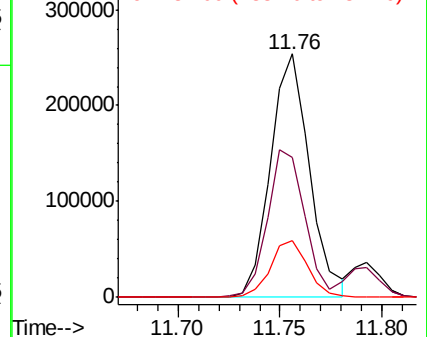
134 22.3 11.3 33.8



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: 18.207 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018377.D

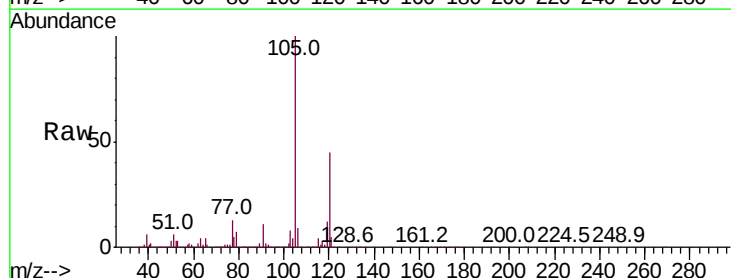
Acq: 14 Sep 2020 11:45

Tgt Ion:105 Resp: 347974

Ion Ratio Lower Upper

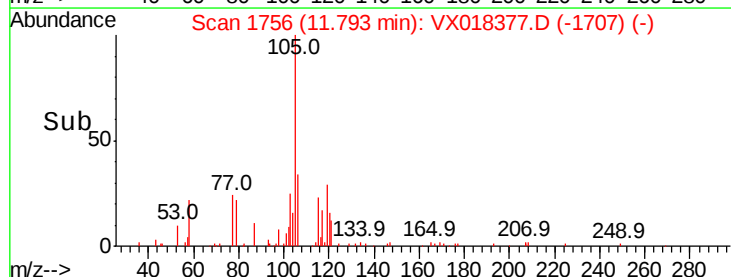
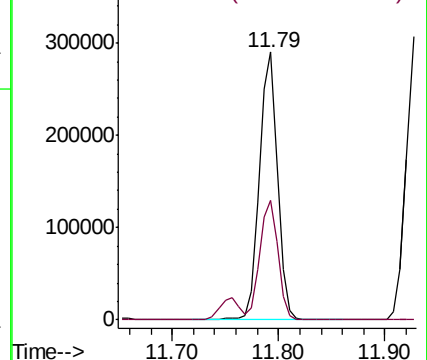
105 100

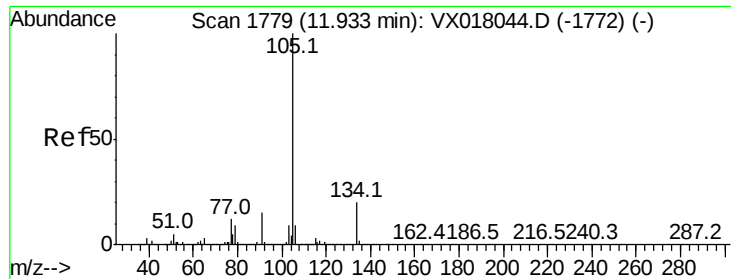
120 44.8 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.286 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX018377.D

Acq: 14 Sep 2020 11:45

Instrument :

MSVOA_X

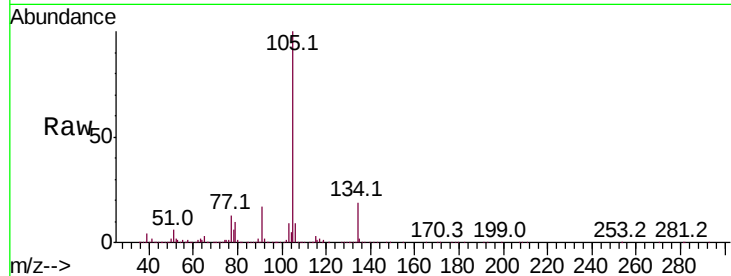
ClientSampleId :

Tot Ion:105 Resp: 383631

Ion Ratio Lower Upper

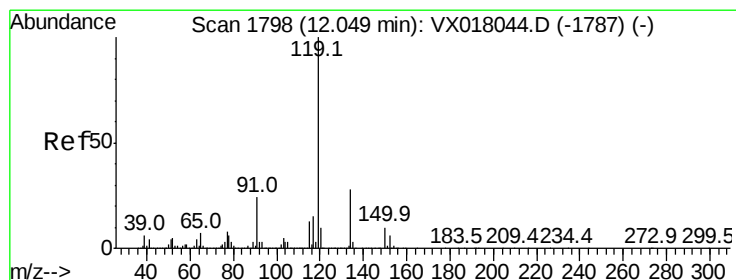
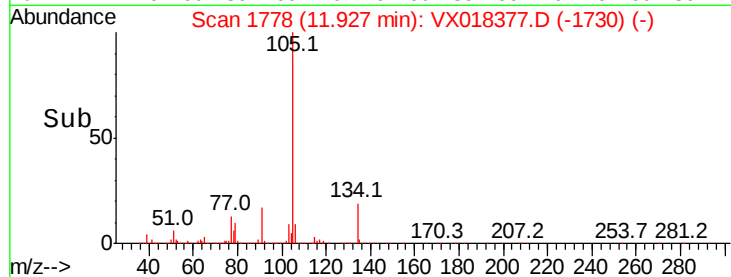
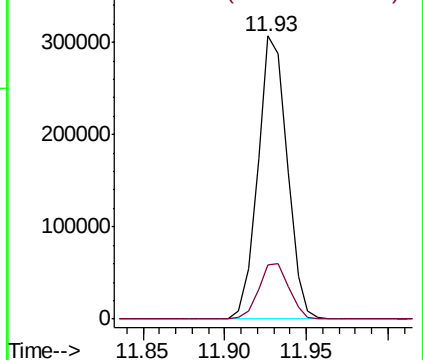
105 100

134 20.3 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.722 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018377.D

Acq: 14 Sep 2020 11:45

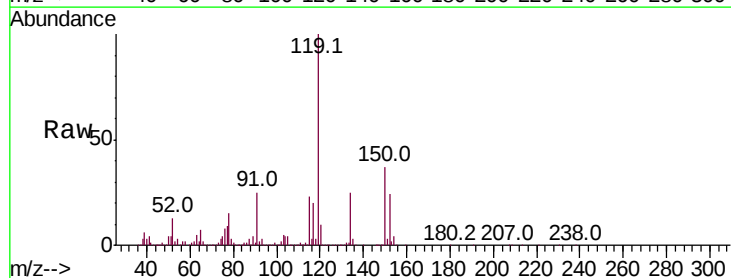
Tgt Ion:119 Resp: 360794

Ion Ratio Lower Upper

119 100

134 25.8 13.2 39.5

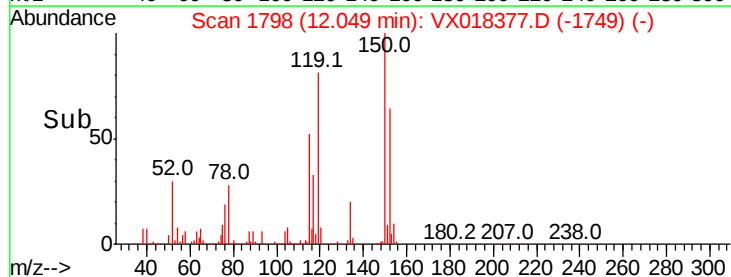
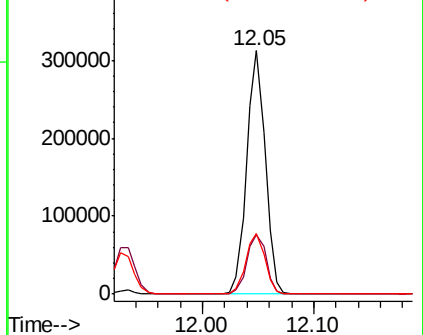
91 26.0 11.8 35.4

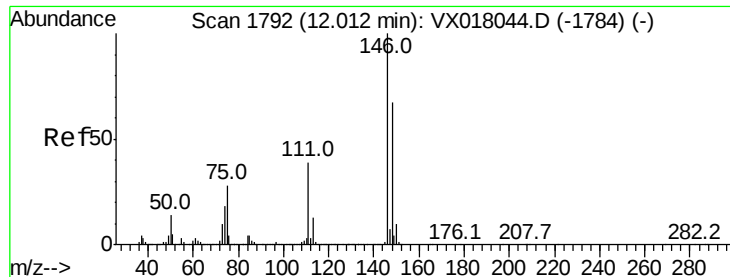


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 17.699 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018377.D

Acq: 14 Sep 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

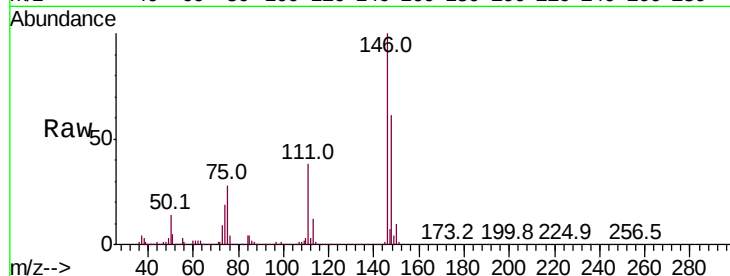
Tot Ion:146 Resp: 195401

Ion Ratio Lower Upper

146 100

111 40.7 20.6 61.8

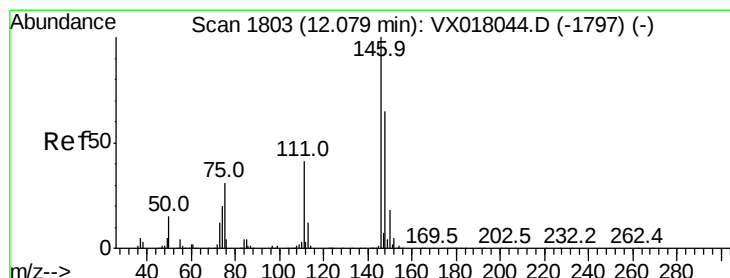
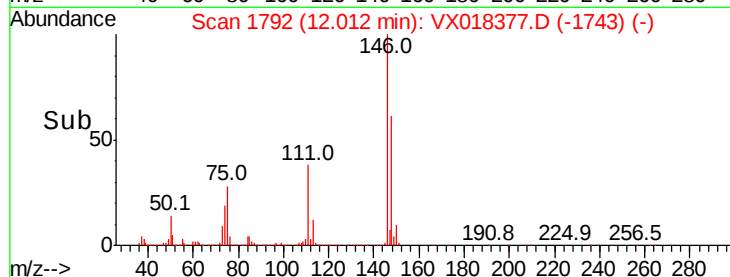
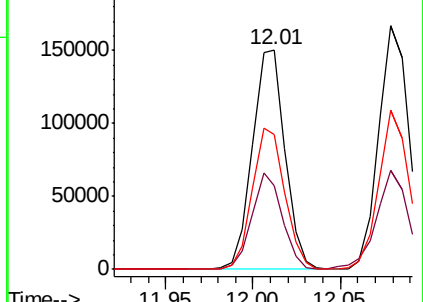
148 64.0 33.1 99.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.224 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX018377.D

Acq: 14 Sep 2020 11:45

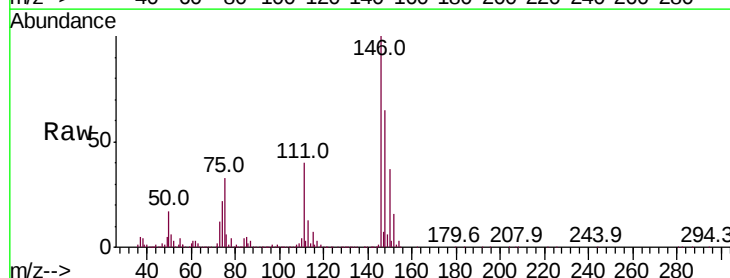
Tgt Ion:146 Resp: 201455

Ion Ratio Lower Upper

146 100

111 41.8 20.3 60.8

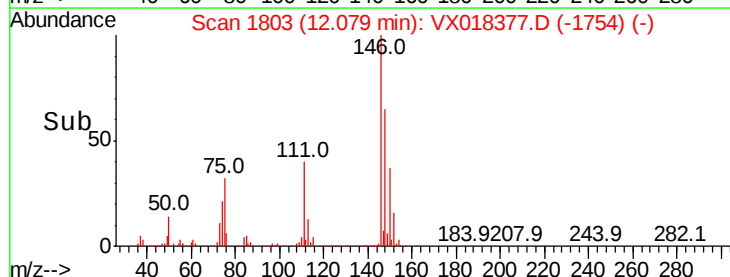
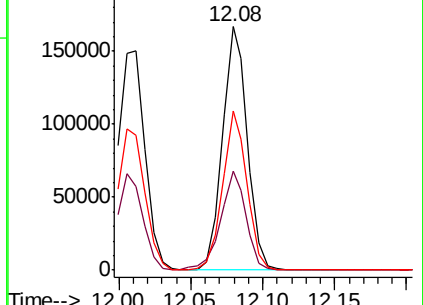
148 64.8 33.1 99.2

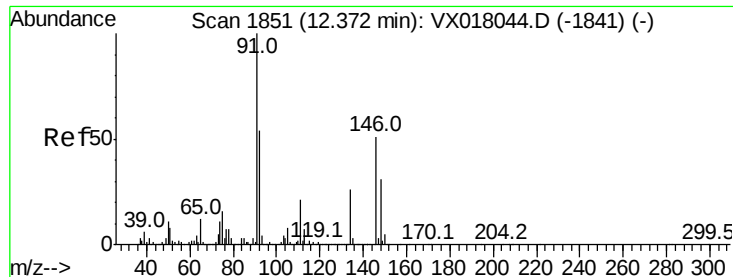


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

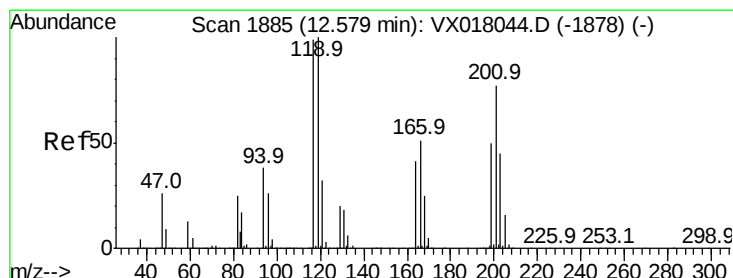
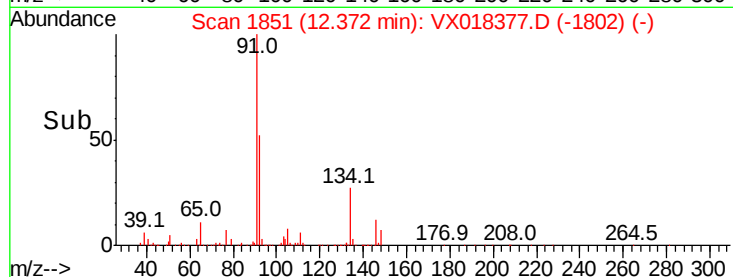
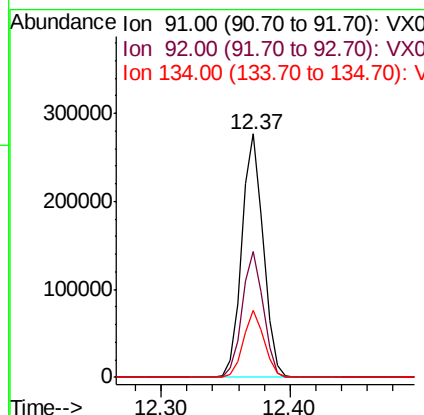
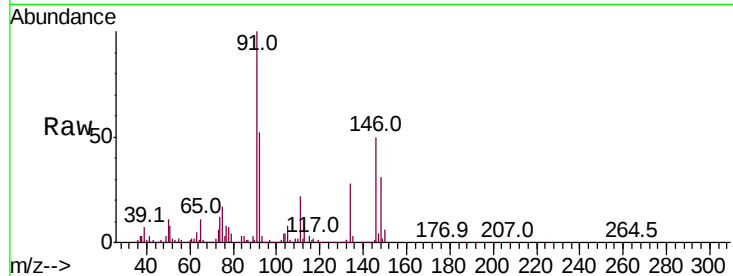




#89
n-Butylbenzene
Concen: 18.080 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018377.D
Acq: 14 Sep 2020 11:45

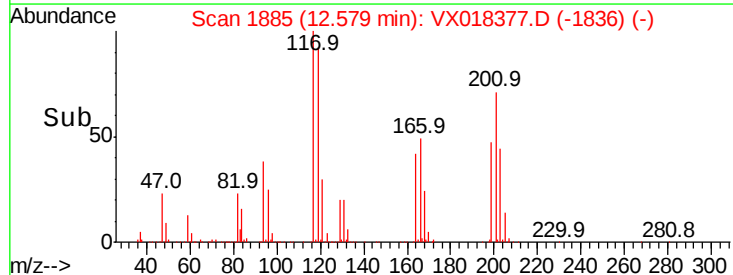
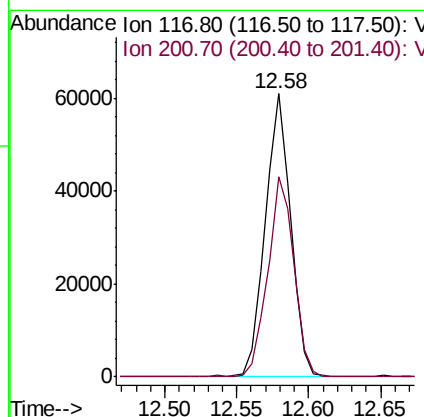
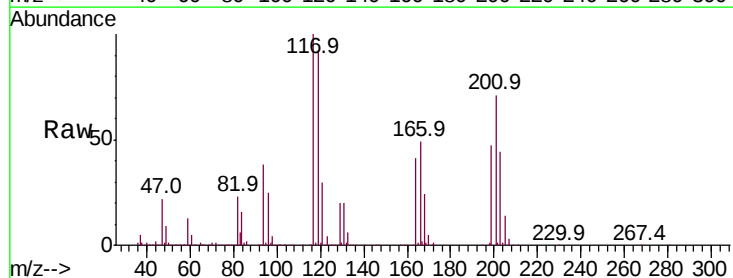
Instrument :
MSVOA_X
ClientSampleId :

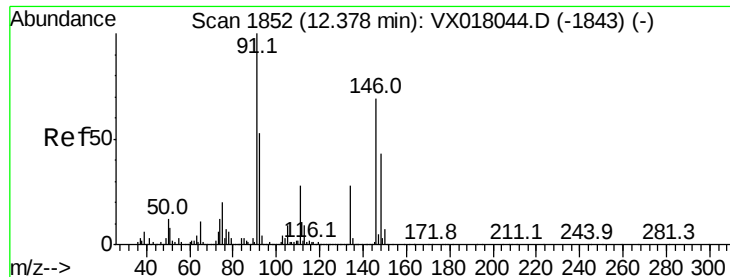
Tot Ion	Ratio	Lower	Upper
91	100		
92	51.4	26.4	79.2
134	26.6	12.9	38.7



#90
Hexachloroethane
Concen: 19.619 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018377.D
Acq: 14 Sep 2020 11:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.2	38.5	115.3





#91

1,2-Dichlorobenzene

Concen: 18.019 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018377.D

Acq: 14 Sep 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

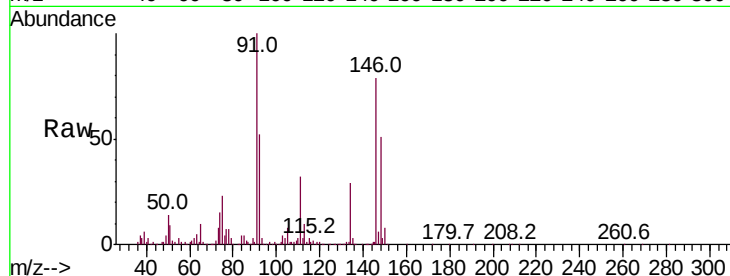
Tot Ion:146 Resp: 187261

Ion Ratio Lower Upper

146 100

111 42.8 20.8 62.5

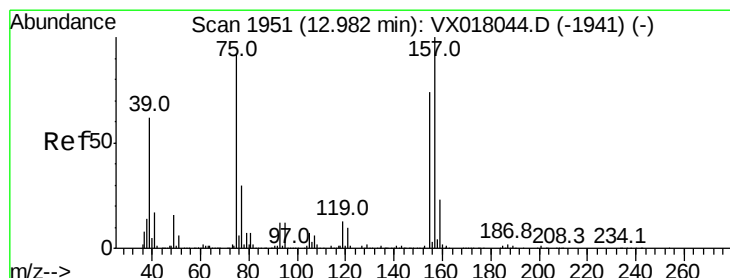
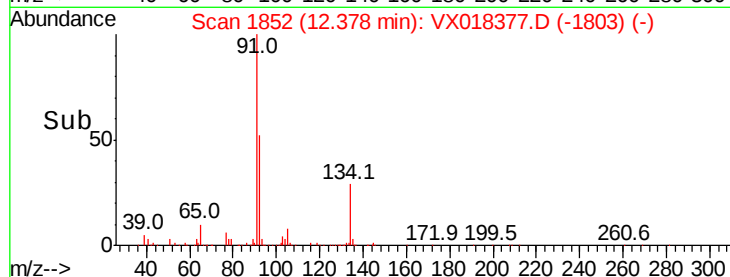
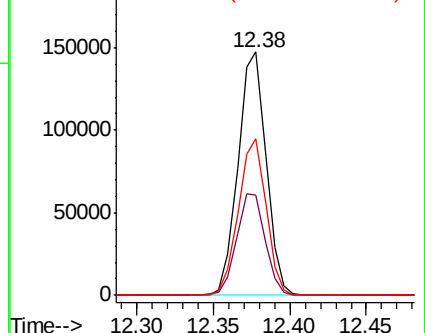
148 63.7 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

200000 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: 16.235 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018377.D

Acq: 14 Sep 2020 11:45

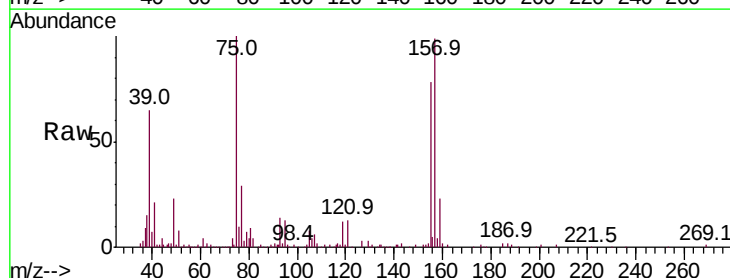
Tgt Ion: 75 Resp: 32576

Ion Ratio Lower Upper

75 100

155 80.2 40.2 120.6

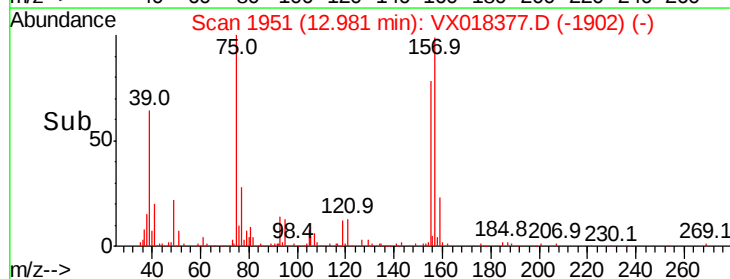
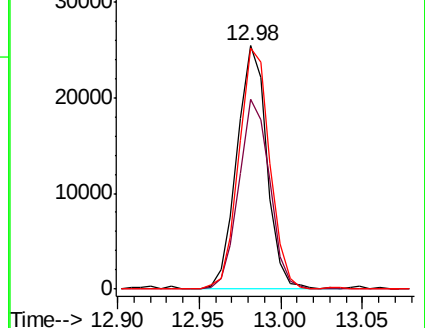
157 101.8 55.0 165.2

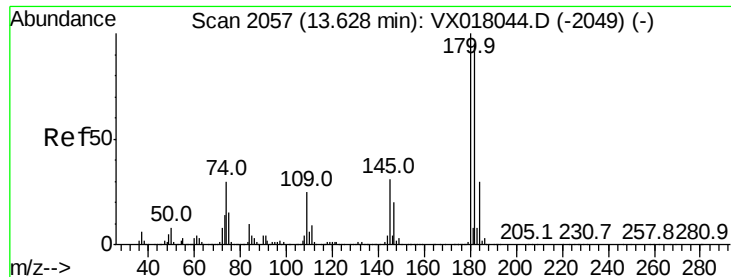


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

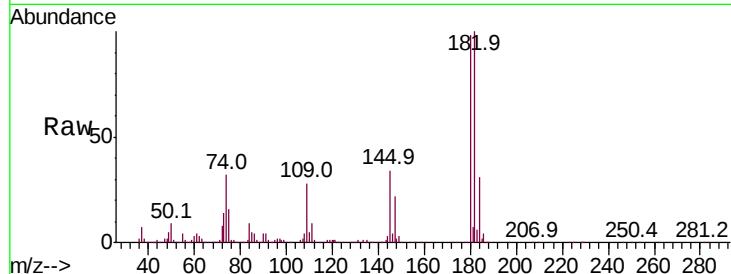




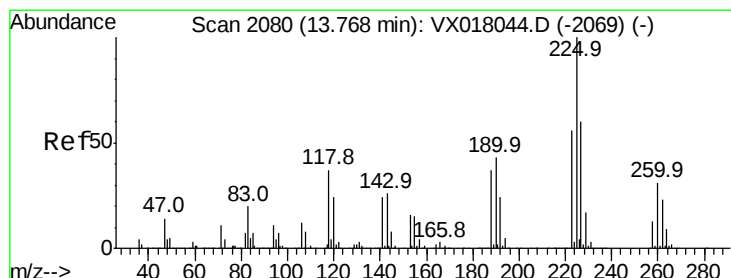
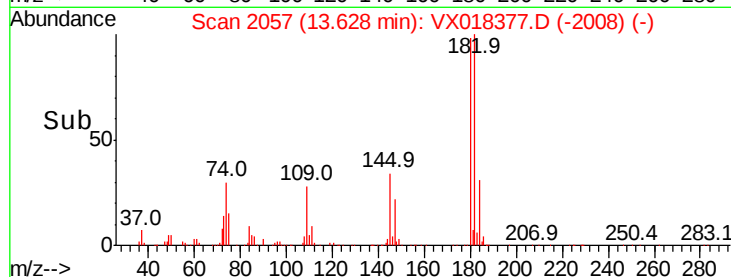
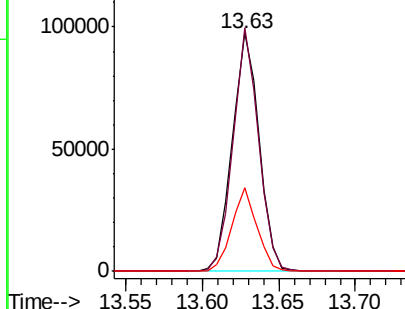
#93
 1,2,4-Trichlorobenzene
 Concen: 17.088 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018377.D
 Acq: 14 Sep 2020 11:45

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.9	47.5	142.6	
145	32.9	15.7	47.1	

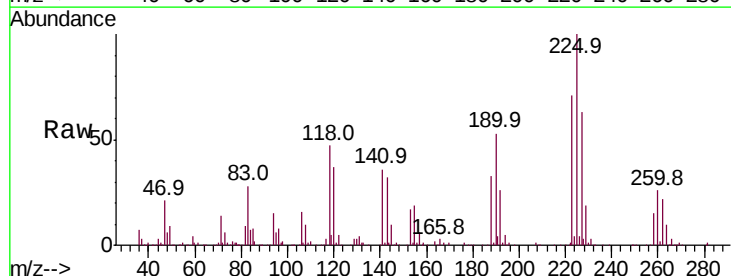


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

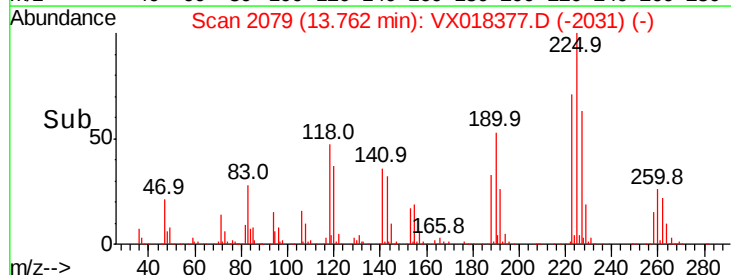
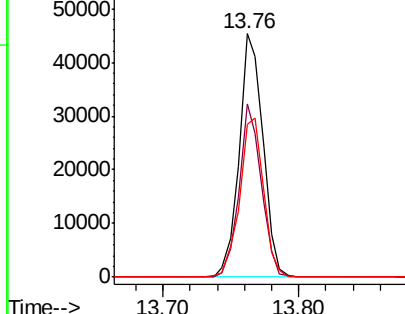


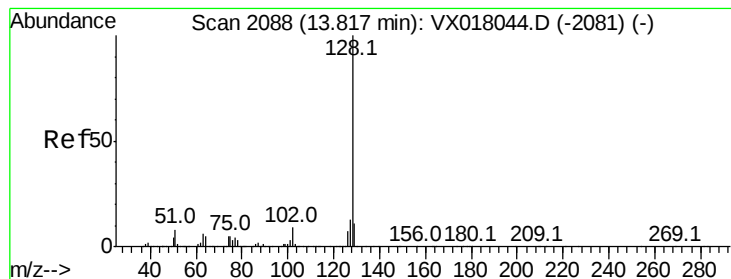
#94
 Hexachlorobutadiene
 Concen: 20.178 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018377.D
 Acq: 14 Sep 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	66.2	30.7	92.1	
227	65.9	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: 16.337 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018377.D

Acq: 14 Sep 2020 11:45

Instrument :

MSVOA_X

ClientSampleId :

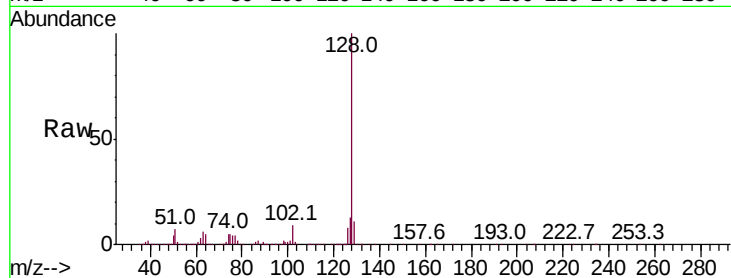
Tot Ion:128 Resp: 372592

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

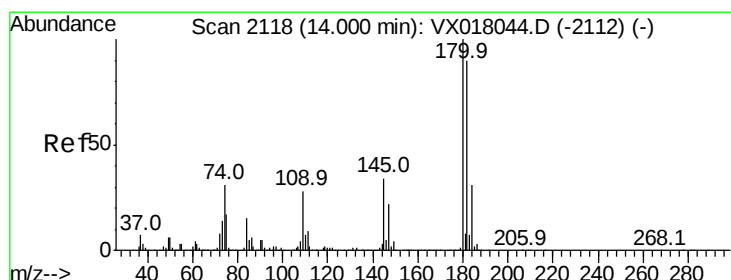
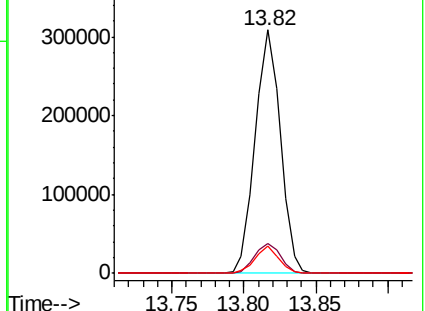
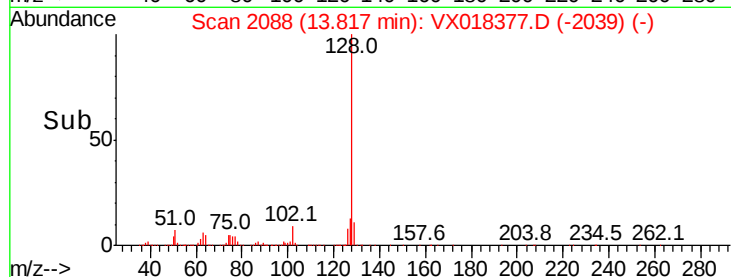
129 10.5 8.7 13.1



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: 17.776 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018377.D

Acq: 14 Sep 2020 11:45

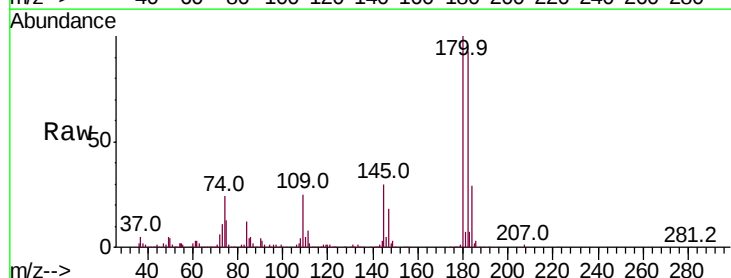
Tgt Ion:180 Resp: 121719

Ion Ratio Lower Upper

180 100

182 94.9 47.3 142.0

145 33.1 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

