

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082120\
 Data File : VX018046.D
 Acq On : 20 Aug 2020 20:54
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 21 02:41:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 02:36:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	589872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	965062	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	950535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	463160	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	1239501	157.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	314.44%	
35) Dibromofluoromethane	5.47	113	1010331	161.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	323.46%	
50) Toluene-d8	8.70	98	3704109	155.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	310.20%	
62) 4-Bromofluorobenzene	11.12	95	1468626	160.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	321.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	1106674	171.636	ug/l	98
3) Chloromethane	1.31	50	1133824	155.341	ug/l	99
4) Vinyl Chloride	1.39	62	1111416	143.621	ug/l	98
5) Bromomethane	1.62	94	543425	139.760	ug/l	99
6) Chloroethane	1.69	64	593788	129.067	ug/l	98
7) Trichlorofluoromethane	1.90	101	1530642	150.110	ug/l	99
8) Diethyl Ether	2.17	74	521686	125.341	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	817913	140.886	ug/l	99
10) Methyl Iodide	2.48	142	956430	130.174	ug/l	99
11) Tert butyl alcohol	3.04	59	1184884	628.756	ug/l	98
12) 1,1-Dichloroethene	2.35	96	832634	137.249	ug/l	98
13) Acrolein	2.28	56	542497	485.239	ug/l	98
14) Allyl chloride	2.70	41	1581187	141.860	ug/l	99
15) Acrylonitrile	3.12	53	2756852	689.580	ug/l	100
16) Acetone	2.43	43	2321613	683.071	ug/l	99
17) Carbon Disulfide	2.54	76	2483132	120.831	ug/l	100
18) Methyl Acetate	2.75	43	1178326	140.318	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	2984543	142.619	ug/l	98
20) Methylene Chloride	2.83	84	951399	133.570	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	924079	136.231	ug/l	98
22) Diisopropyl ether	3.83	45	3064491	144.811	ug/l	99
23) Vinyl Acetate	3.79	43	13953897	748.416	ug/l	99
24) 1,1-Dichloroethane	3.67	63	1733337	146.190	ug/l	99
25) 2-Butanone	4.64	43	4013620	729.179	ug/l	99
26) 2,2-Dichloropropane	4.55	77	1355875	127.580	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	1088854	146.602	ug/l	98
28) Bromochloromethane	4.98	49	847403	155.425	ug/l	99
29) Tetrahydrofuran	5.10	42	2563803	703.707	ug/l	99
30) Chloroform	5.18	83	1760547	148.551	ug/l	97
31) Cyclohexane	5.55	56	1485170	140.430	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	1633014	151.401	ug/l	99
36) 1,1-Dichloropropene	5.77	75	1320309	139.426	ug/l	100
37) Ethyl Acetate	4.80	43	1568503	144.264	ug/l	99
38) Carbon Tetrachloride	5.75	117	1480488	151.718	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	1490583	132.905	ug/l	99
40) Benzene	6.11	78	3814879	138.306	ug/l	99
41) Methacrylonitrile	5.01	41	847849	144.197	ug/l	99
42) 1,2-Dichloroethane	6.17	62	1457469	145.194	ug/l	99
43) Isopropyl Acetate	6.42	43	2557578	146.461	ug/l	100
44) Trichloroethene	7.19	130	1085766	113.870	ug/l	99
45) 1,2-Dichloropropane	7.49	63	1050710	149.021	ug/l	94
46) Dibromomethane	7.64	93	739791	153.742	ug/l	99
47) Bromodichloromethane	7.88	83	1487532	152.171	ug/l	99
48) Methyl methacrylate	7.75	41	1321187	158.620	ug/l	98
49) 1,4-Dioxane	7.72	88	444186	2298.130	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	7837953	733.330	ug/l	99
52) Toluene	8.77	92	2455316	142.479	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	1709397	147.875	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	1771351	146.764	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	1038834	151.518	ug/l	97
56) Ethyl methacrylate	9.16	69	1684978	152.712	ug/l	99
57) 1,3-Dichloropropane	9.35	76	1745238	146.942	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	3738210	653.365	ug/l	99
59) 2-Hexanone	9.48	43	5964723	711.530	ug/l	99
60) Dibromochloromethane	9.57	129	1304124	170.993	ug/l	100
61) 1,2-Dibromoethane	9.65	107	1150280	155.106	ug/l	99
64) Tetrachloroethene	9.32	164	937649	85.718	ug/l	94
65) Chlorobenzene	10.12	112	2797301	141.160	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	1122435	151.792	ug/l	98
67) Ethyl Benzene	10.24	91	4937140	140.456	ug/l	99
68) m/p-Xylenes	10.34	106	3699037	280.780	ug/l	99
69) o-Xylene	10.68	106	1803955	142.715	ug/l	99
70) Styrene	10.70	104	3060711	142.277	ug/l	99
71) Bromoform	10.84	173	962876	159.121	ug/l	99
73) Isopropylbenzene	11.00	105	4664986	139.786	ug/l	99
74) N-amyl acetate	10.88	43	2274513	145.184	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	1554833	236.028	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	1950748	186.869	ug/l	85
77) Bromobenzene	11.24	156	1238709	142.758	ug/l	99
78) n-propylbenzene	11.35	91	5426586	140.107	ug/l	100
79) 2-Chlorotoluene	11.41	91	3263140	141.557	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	3971612	140.885	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	588900	137.460	ug/l	98
82) 4-Chlorotoluene	11.49	91	3855738	141.839	ug/l	100
83) tert-Butylbenzene	11.76	119	3851512	155.436	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	4006587	140.450	ug/l	98
85) sec-Butylbenzene	11.93	105	4484043	137.601	ug/l	100
86) p-Isopropyltoluene	12.05	119	4112086	135.929	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	2207806	142.245	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	2193842	139.428	ug/l	97
89) n-Butylbenzene	12.37	91	3729510	135.220	ug/l	99
90) Hexachloroethane	12.58	117	813544	154.475	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	2077536	138.654	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	408042	148.053	ug/l	97

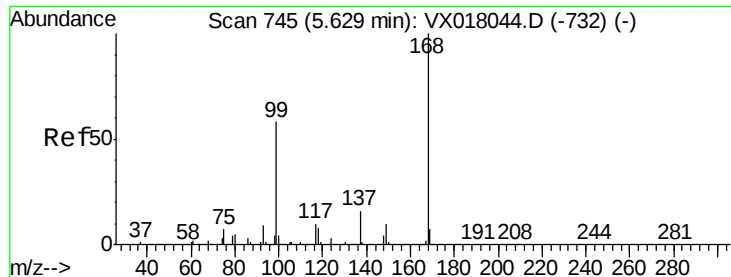
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082120\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1443764	131.891	ug/l	100
94) Hexachlorobutadiene	13.77	225	544622	110.063	ug/l	98
95) Naphthalene	13.82	128	4862323	137.131	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	1452964	136.648	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

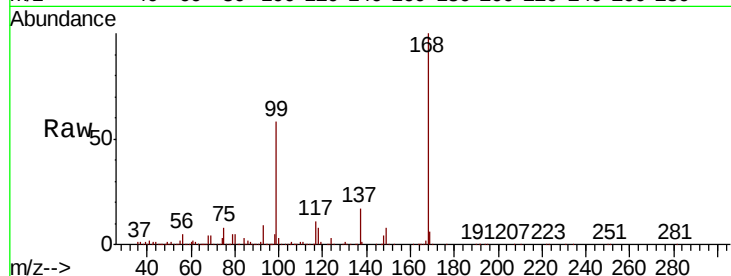
VSTDIC150

Tot Ion:168 Resp: 589872

Ion Ratio Lower Upper

168 100

99 57.8 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

400000

300000

200000

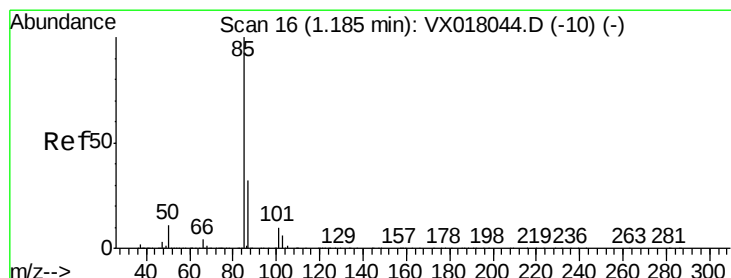
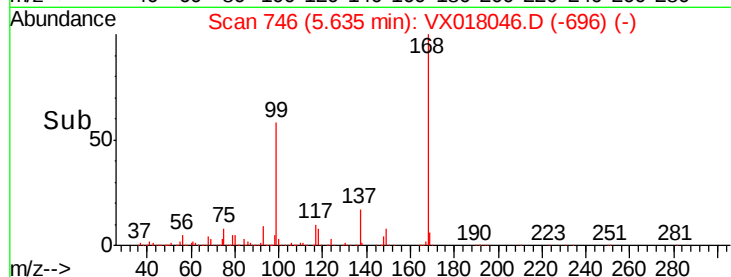
100000

0

5.50 5.60 5.70

5.64

Time-->



#2

Dichlorodifluoromethane

Concen: 171.636 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018046.D

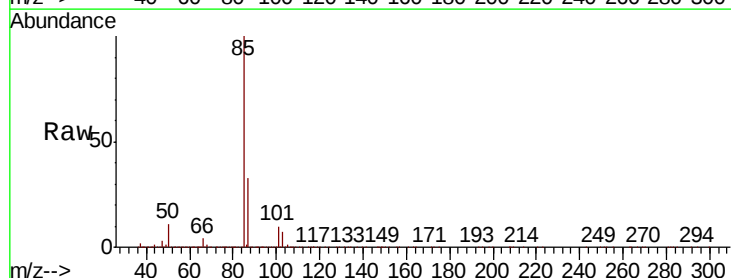
Acq: 20 Aug 2020 20:54

Tgt Ion: 85 Resp: 1106674

Ion Ratio Lower Upper

85 100

87 33.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1000000

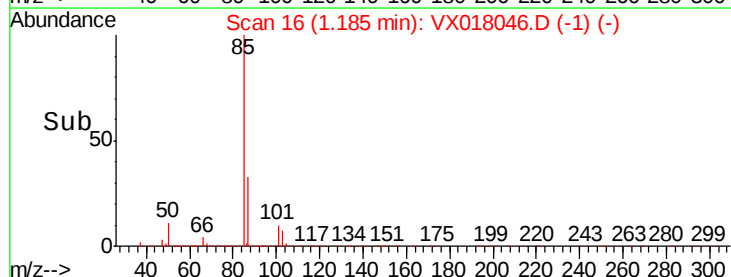
500000

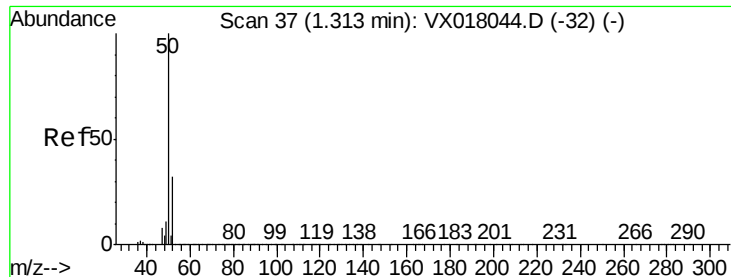
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1.10 1.15 1.20 1.25 1.30

1.18

Time-->

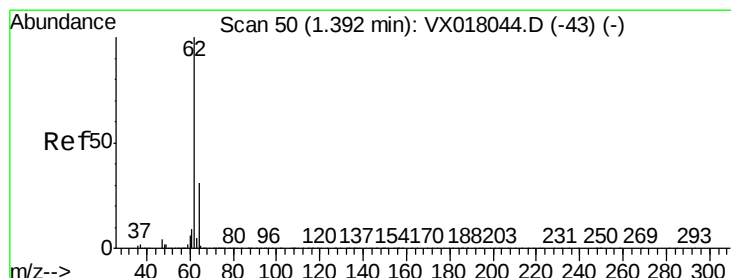
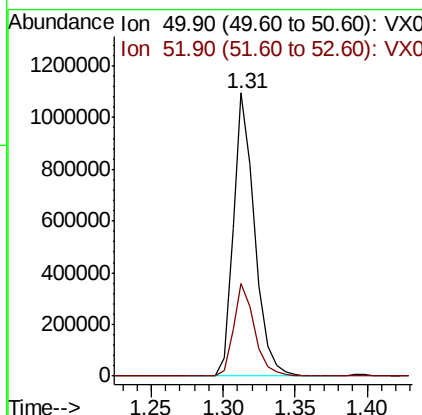
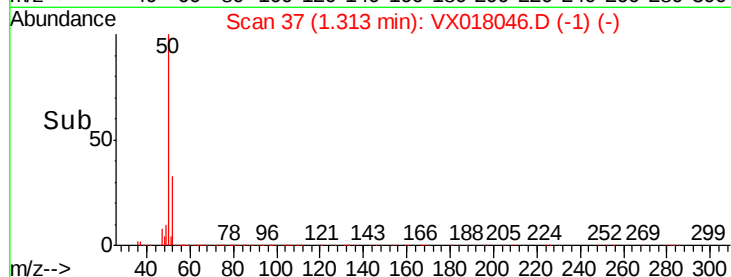
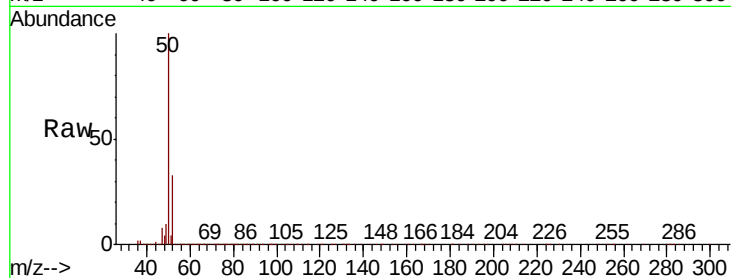




#3
Chloromethane
Concen: 155.341 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

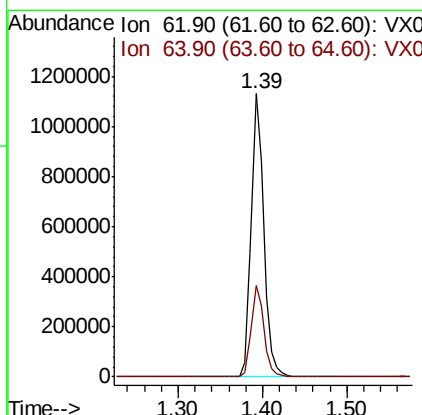
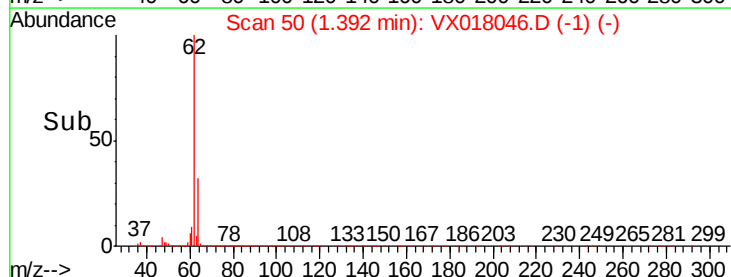
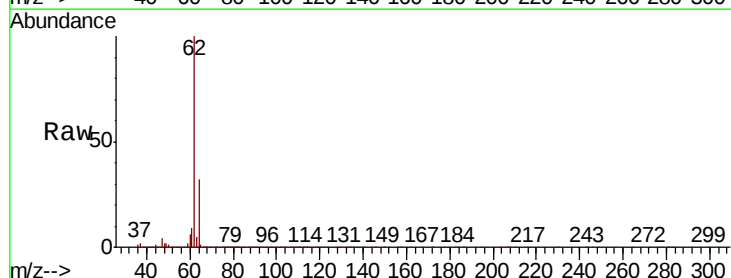
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

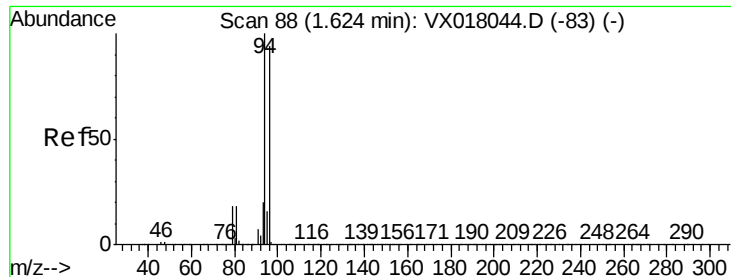
Tot Ion: 50 Resp: 1133824
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.2



#4
Vinyl Chloride
Concen: 143.621 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

Tgt Ion: 62 Resp: 1111416
Ion Ratio Lower Upper
62 100
64 32.4 25.1 37.7





#5

Bromomethane

Concen: 139.760 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

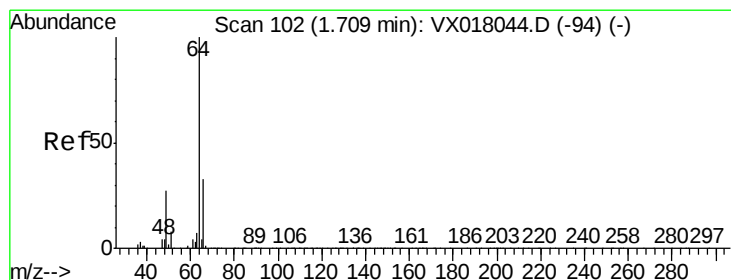
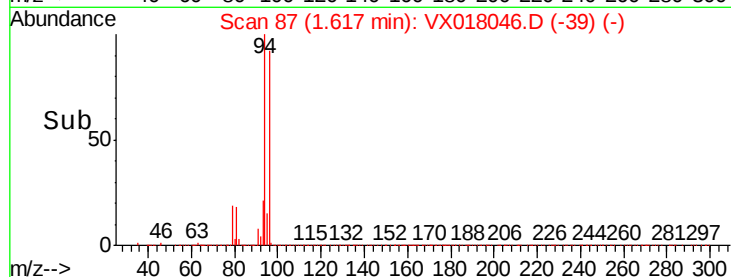
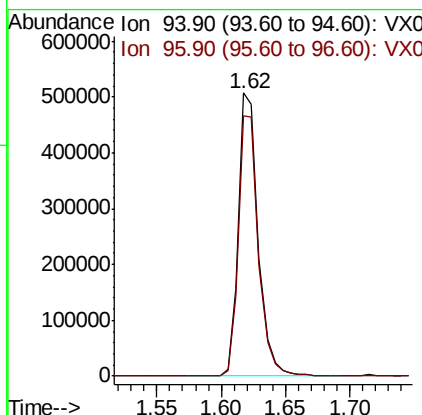
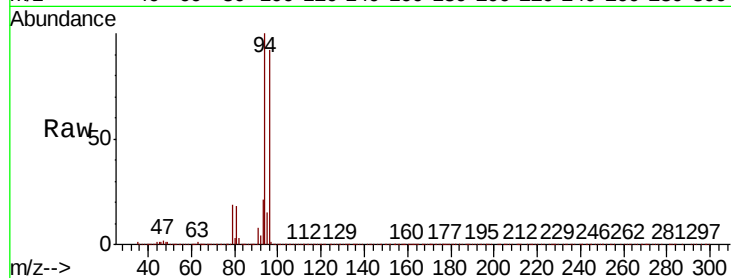
VSTDIC150

Tot Ion: 94 Resp: 543425

Ion Ratio Lower Upper

94 100

96 92.1 74.8 112.2



#6

Chloroethane

Concen: 129.067 ug/l

RT: 1.69 min Scan# 99

Delta R.T. -0.02 min

Lab File: VX018046.D

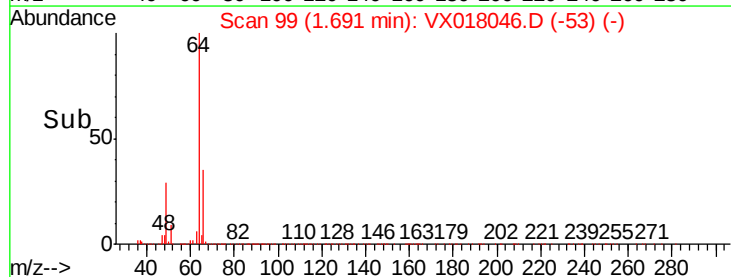
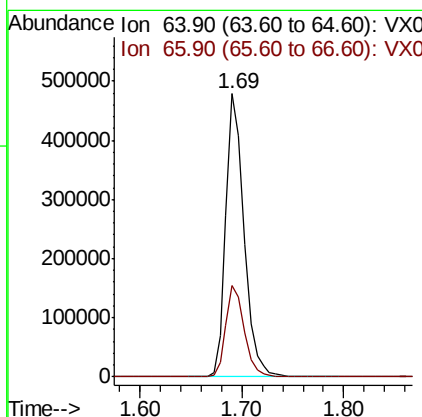
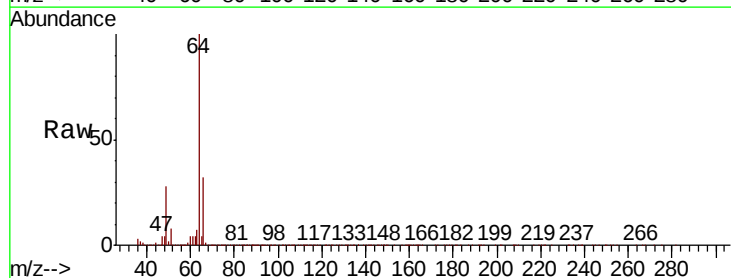
Acq: 20 Aug 2020 20:54

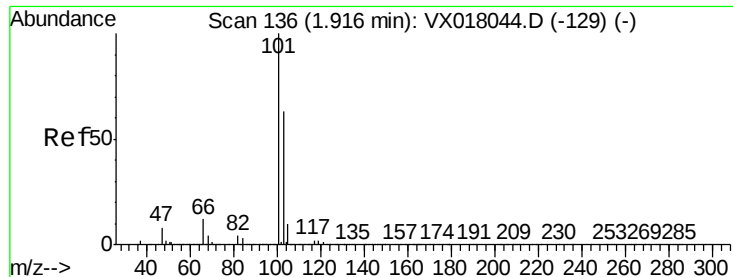
Tgt Ion: 64 Resp: 593788

Ion Ratio Lower Upper

64 100

66 32.2 26.6 39.8



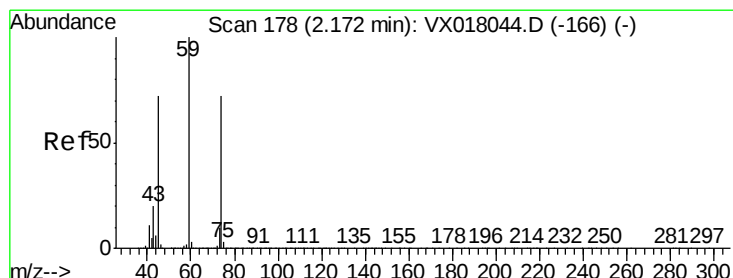
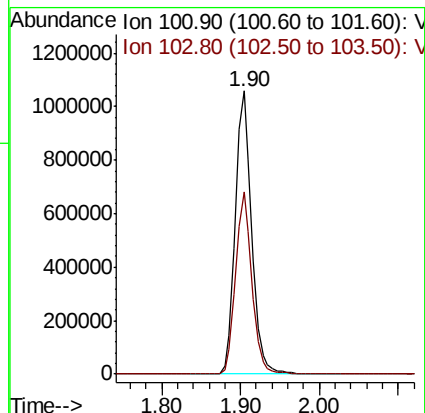
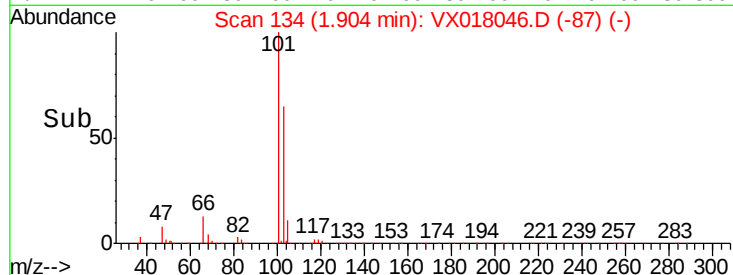
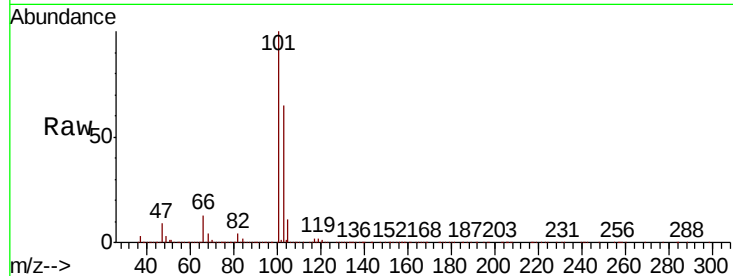


#7

Trichlorofluoromethane
Concen: 150.110 ug/l
RT: 1.90 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

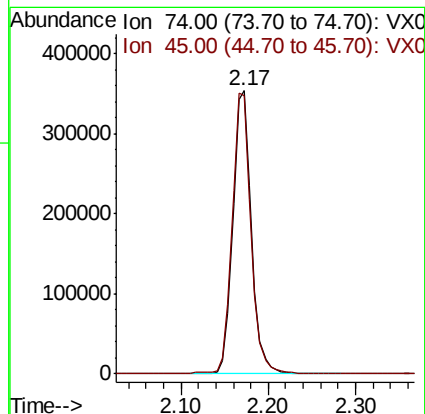
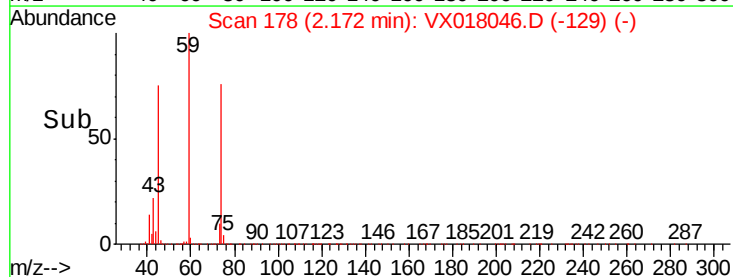
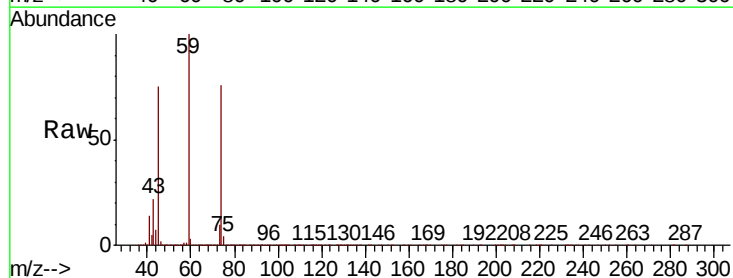
Tot Ion:101 Resp: 1530642
Ion Ratio Lower Upper
101 100
103 64.5 50.7 76.1

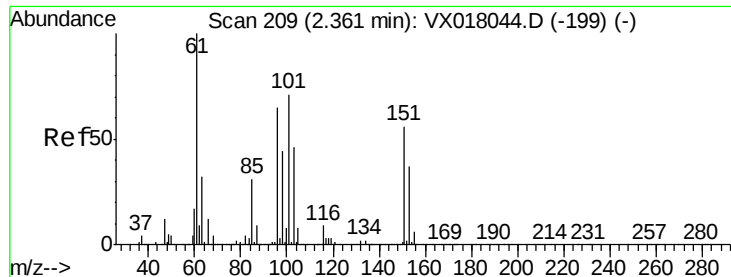


#8

Diethyl Ether
Concen: 125.341 ug/l
RT: 2.17 min Scan# 178
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

Tgt Ion: 74 Resp: 521686
Ion Ratio Lower Upper
74 100
45 100.0 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 140.886 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

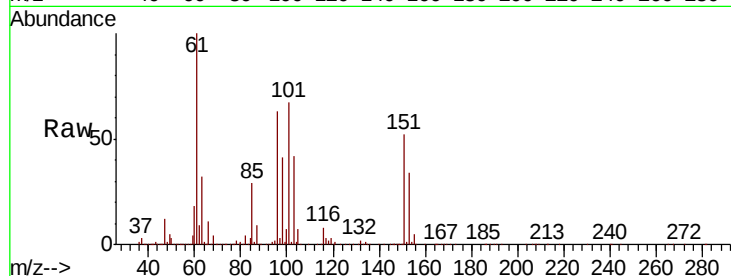
Tot Ion:101 Resp: 817913

Ion Ratio Lower Upper

101 100

85 42.5 34.0 51.0

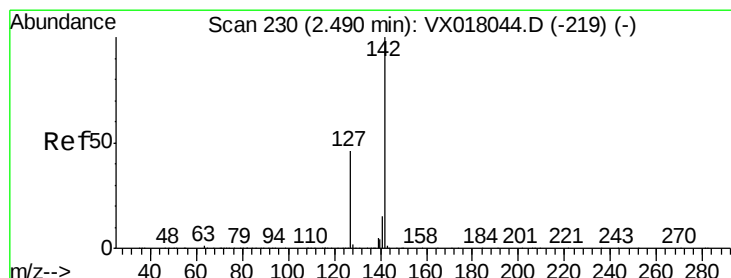
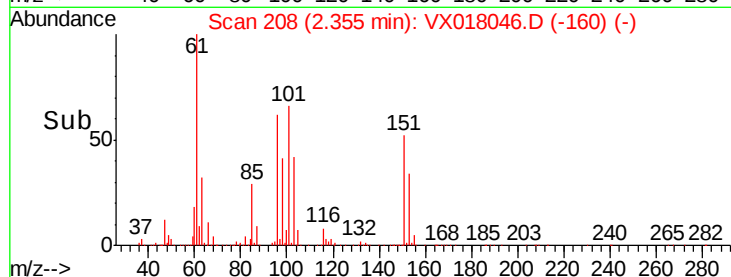
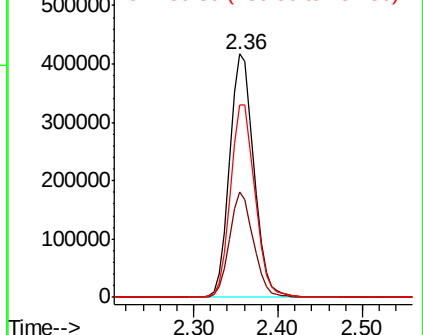
151 79.6 65.2 97.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 130.174 ug/l

RT: 2.48 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

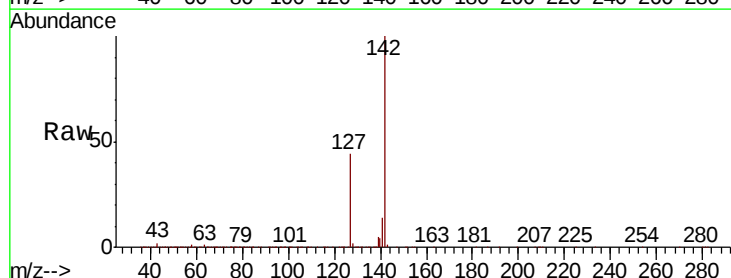
Tgt Ion:142 Resp: 956430

Ion Ratio Lower Upper

142 100

127 45.7 37.0 55.6

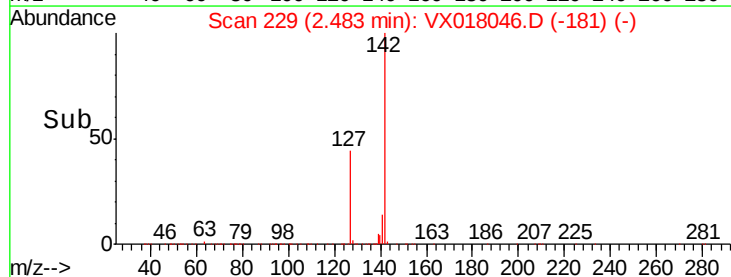
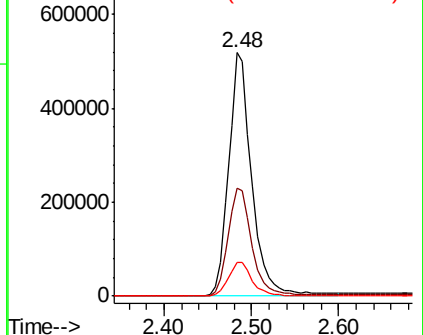
141 14.3 11.5 17.3

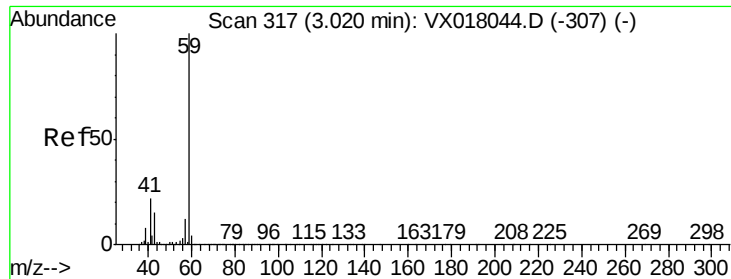


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

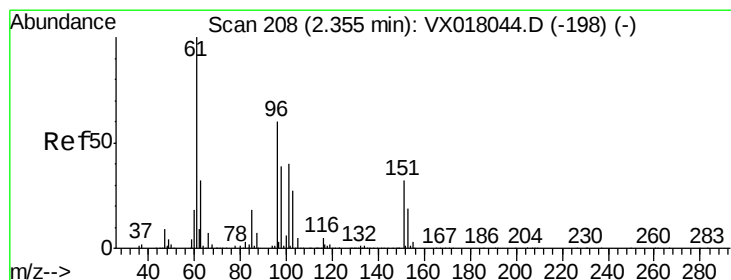
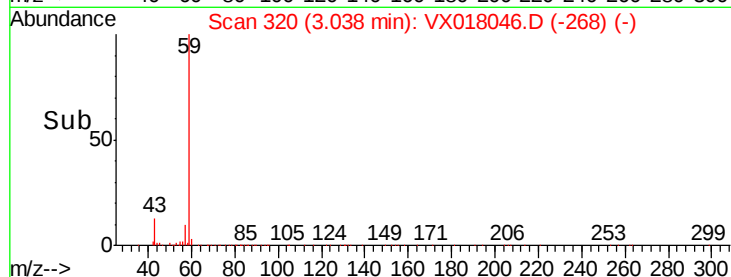
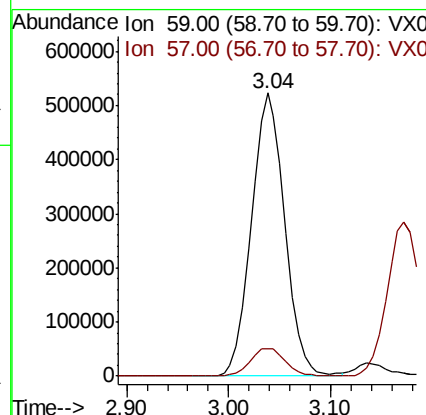
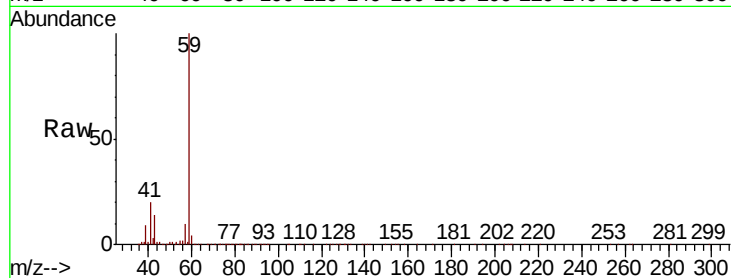




#11
Tert butyl alcohol
Concen: 628.756 ug/l
RT: 3.04 min Scan# 320
Delta R.T. 0.02 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

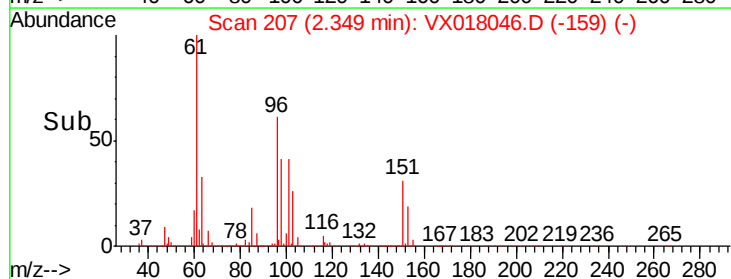
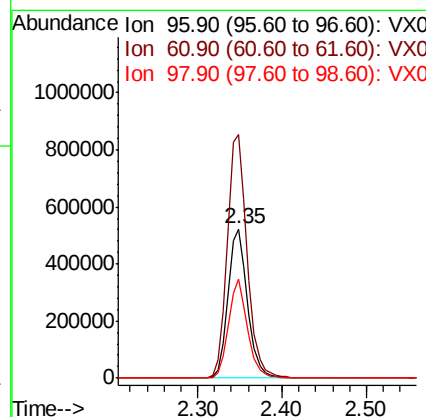
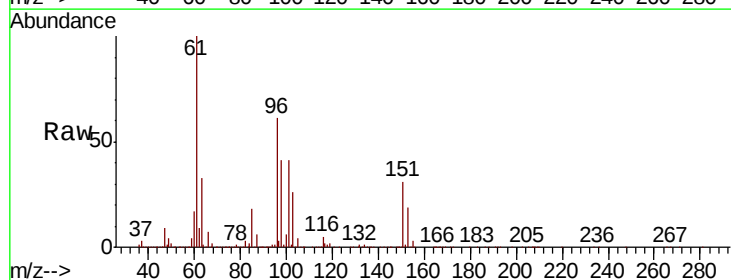
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

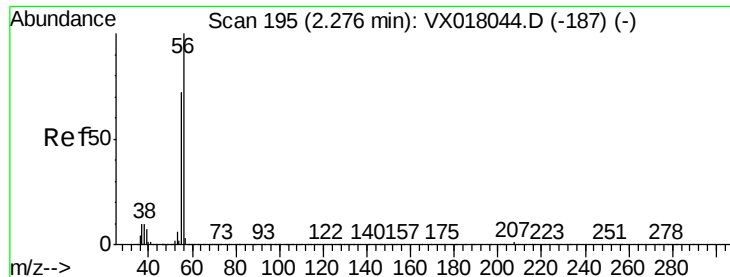
Tot Ion: 59 Resp: 1184884
Ion Ratio Lower Upper
59 100
57 10.3 8.9 13.3



#12
1,1-Dichloroethene
Concen: 137.249 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

Tgt Ion: 96 Resp: 832634
Ion Ratio Lower Upper
96 100
61 163.4 133.0 199.4
98 66.5 51.6 77.4

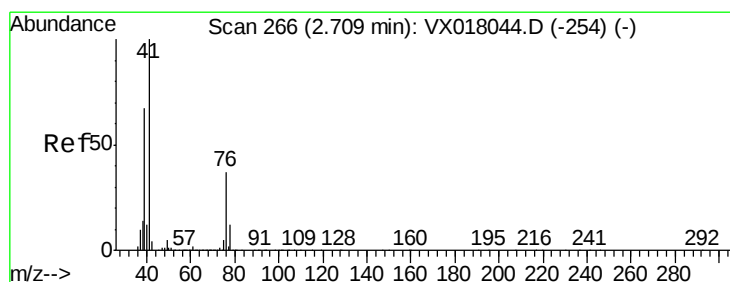
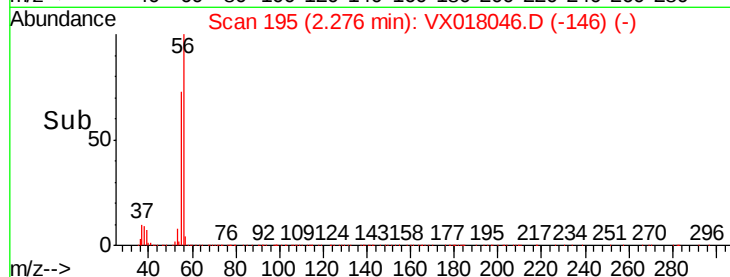
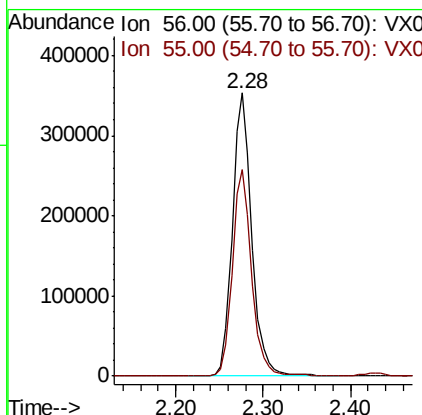
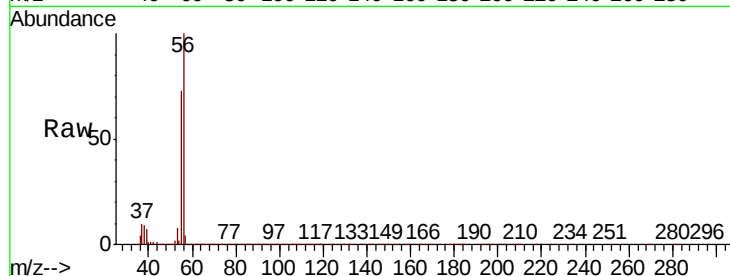




#13
Acrolein
Concen: 485.239 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

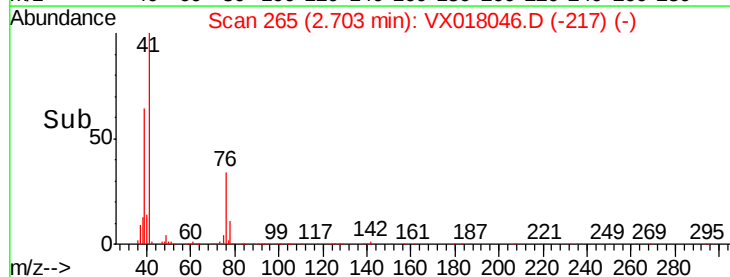
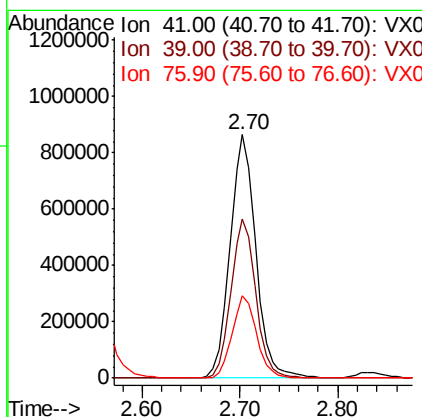
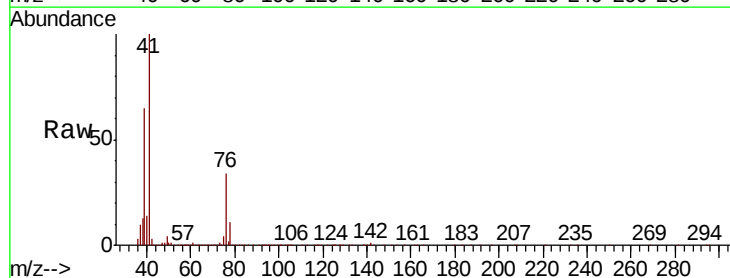
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

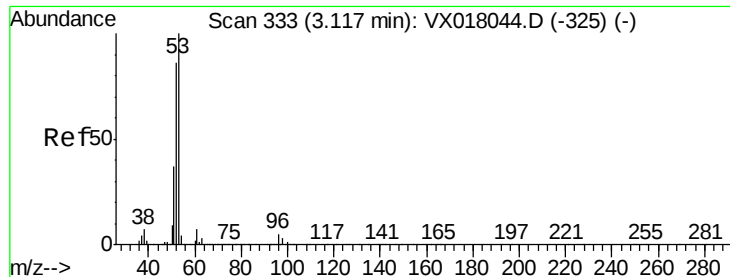
Tot Ion: 56 Resp: 542497
Ion Ratio Lower Upper
56 100
55 72.6 57.0 85.6



#14
Allyl chloride
Concen: 141.860 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

Tgt Ion: 41 Resp: 1581187
Ion Ratio Lower Upper
41 100
39 62.9 50.6 76.0
76 32.0 26.2 39.2





#15

Acrylonitrile

Concen: 689.580 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

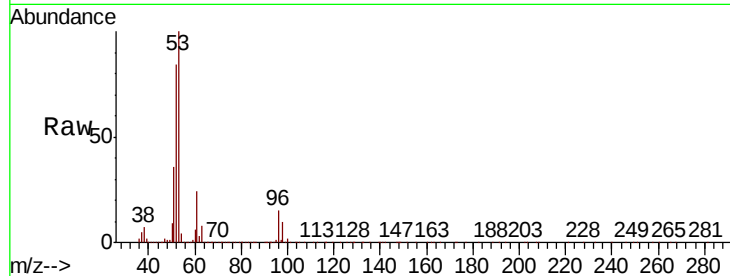
Tot Ion: 53 Resp: 2756852

Ion Ratio Lower Upper

53 100

52 83.0 66.9 100.3

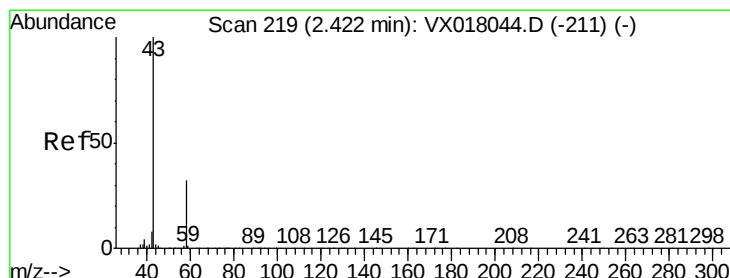
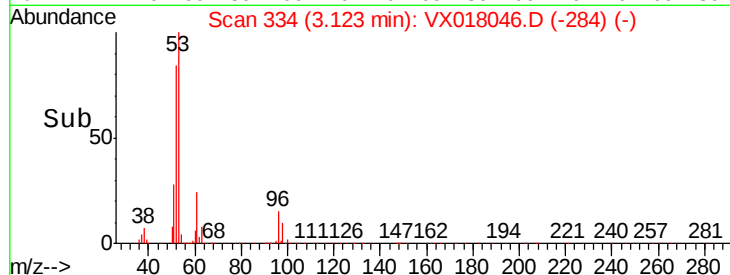
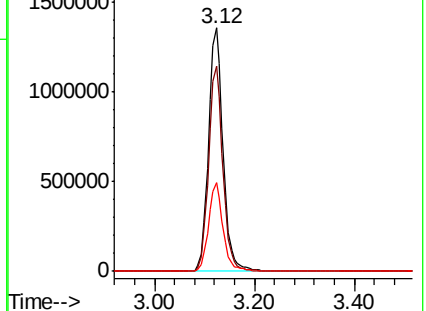
51 36.0 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 683.071 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX018046.D

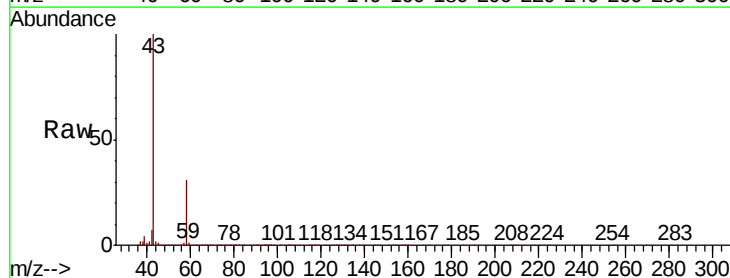
Acq: 20 Aug 2020 20:54

Tgt Ion: 43 Resp: 2321613

Ion Ratio Lower Upper

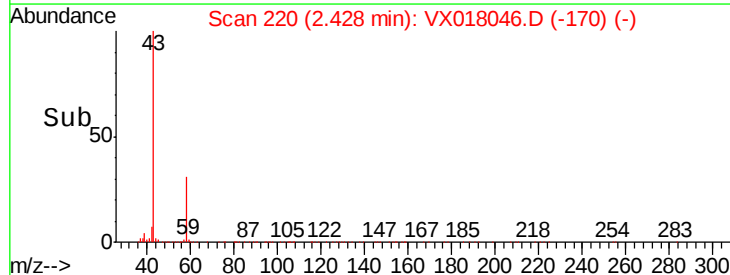
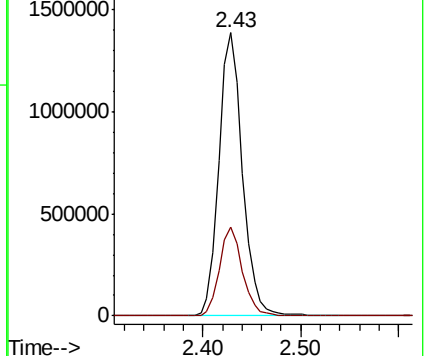
43 100

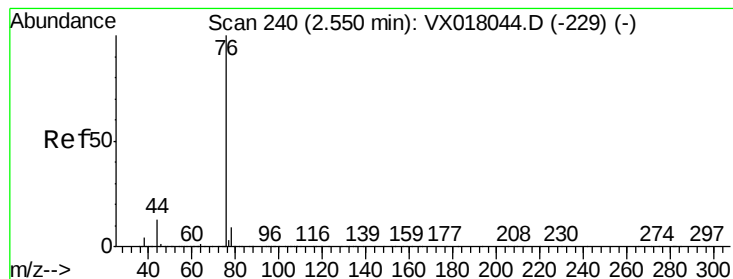
58 31.3 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 120.831 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

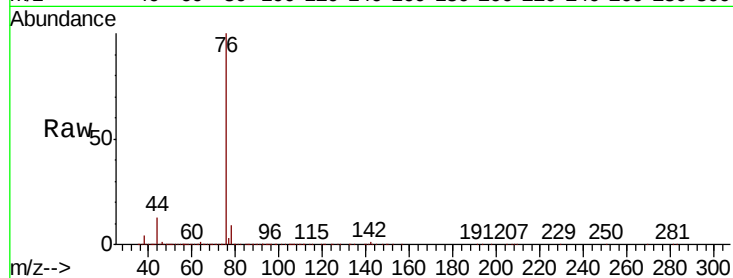
VSTDIC150

Tot Ion: 76 Resp: 2483132

Ion Ratio Lower Upper

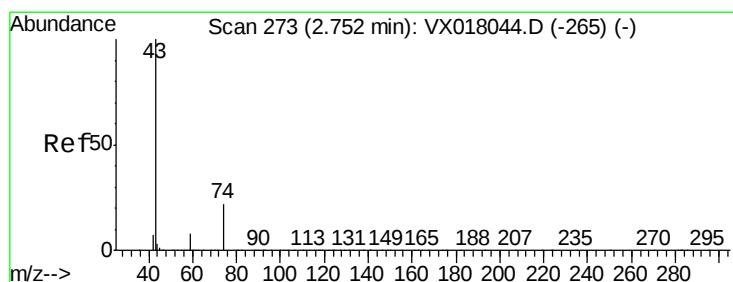
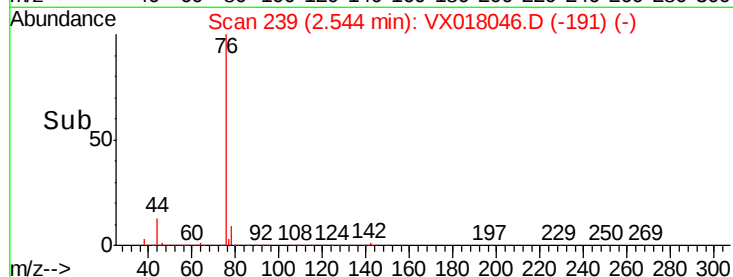
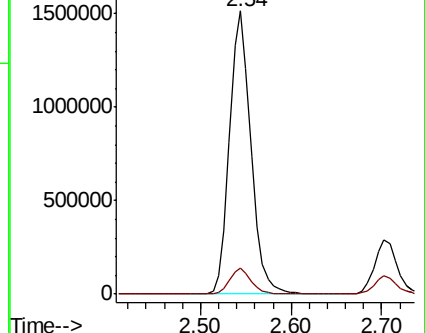
76 100

78 9.1 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 140.318 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018046.D

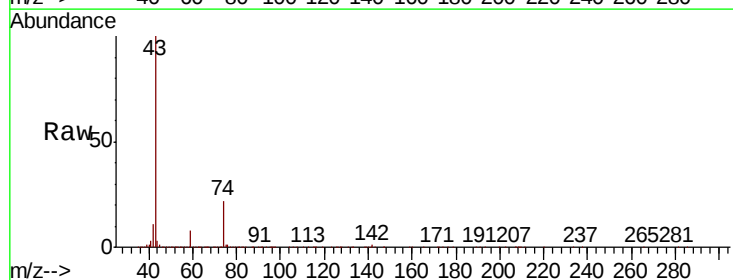
Acq: 20 Aug 2020 20:54

Tgt Ion: 43 Resp: 1178326

Ion Ratio Lower Upper

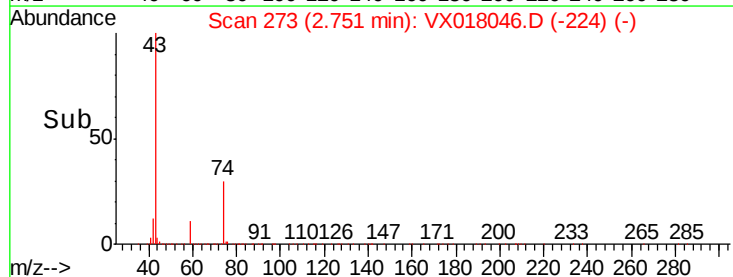
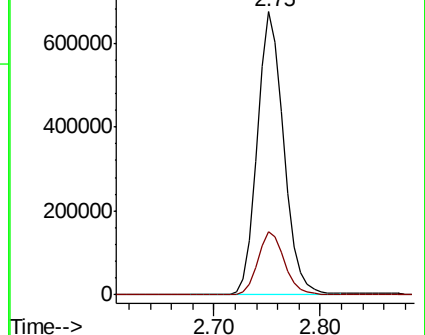
43 100

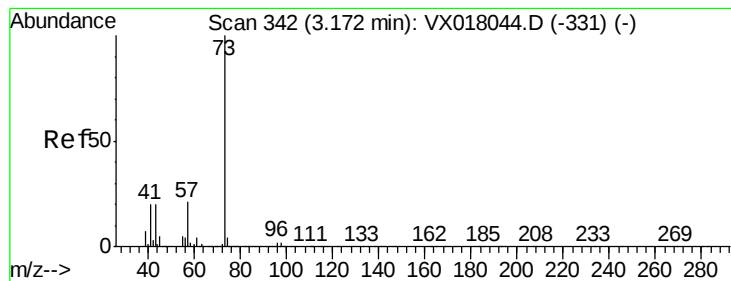
74 22.0 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



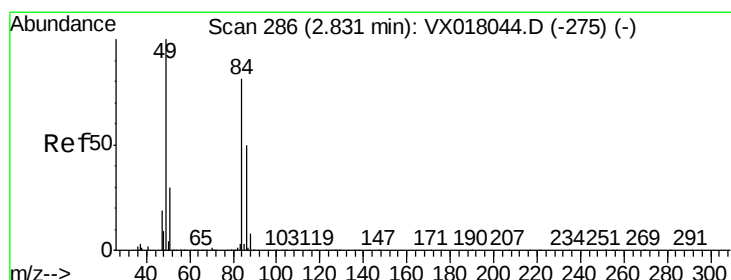
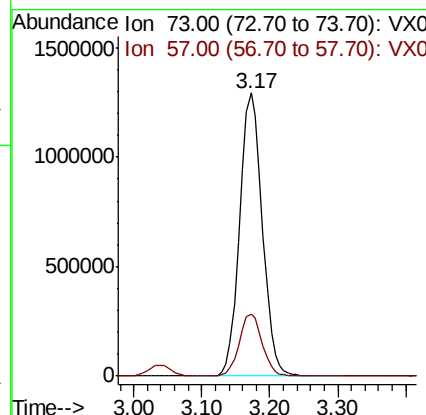
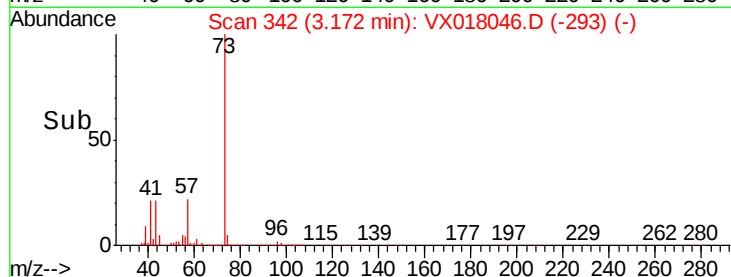
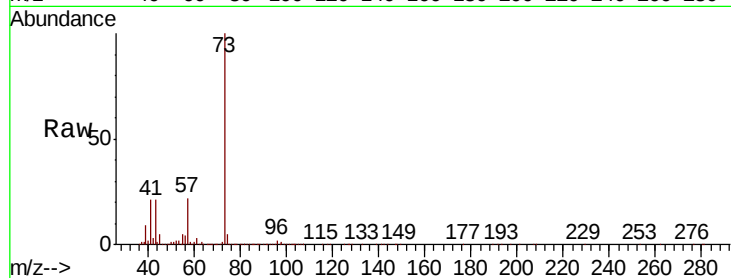


#19

Methyl tert-butyl Ether
 Concen: 142.619 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VX018046.D
 Acq: 20 Aug 2020 20:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

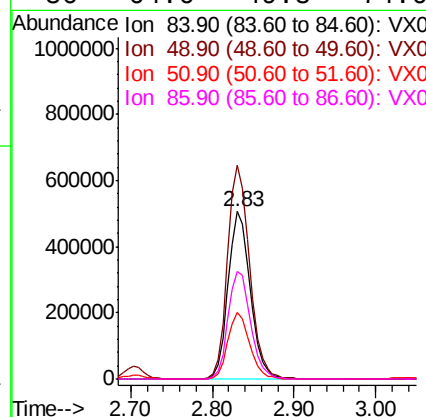
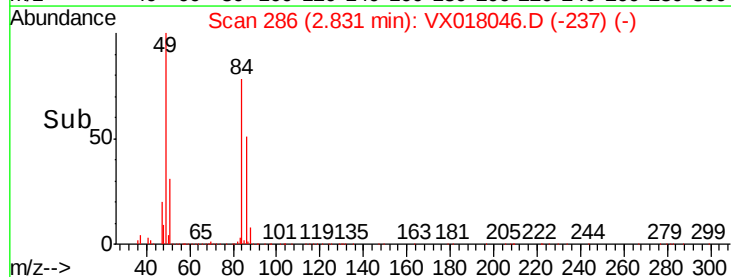
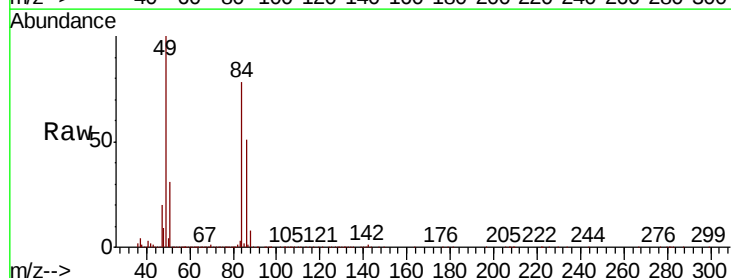
Tot Ion: 73 Resp: 2984543
 Ion Ratio Lower Upper
 73 100
 57 21.9 16.8 25.2

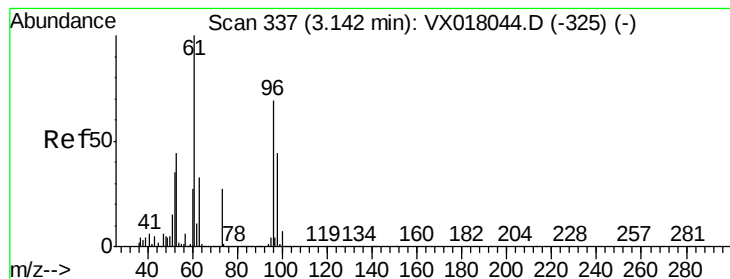


#20

Methylene Chloride
 Concen: 133.570 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.00 min
 Lab File: VX018046.D
 Acq: 20 Aug 2020 20:54

Tgt Ion: 84 Resp: 951399
 Ion Ratio Lower Upper
 84 100
 49 127.4 98.6 148.0
 51 39.8 29.6 44.4
 86 64.6 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 136.231 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

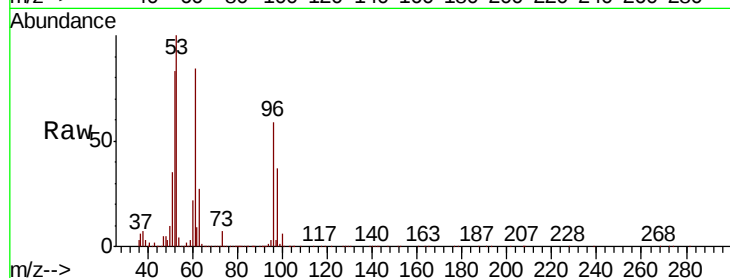
Tot Ion: 96 Resp: 924079

Ion Ratio Lower Upper

96 100

61 142.0 115.4 173.0

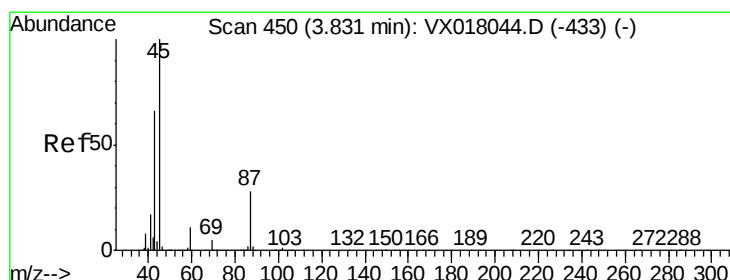
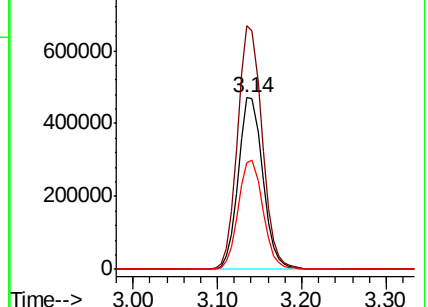
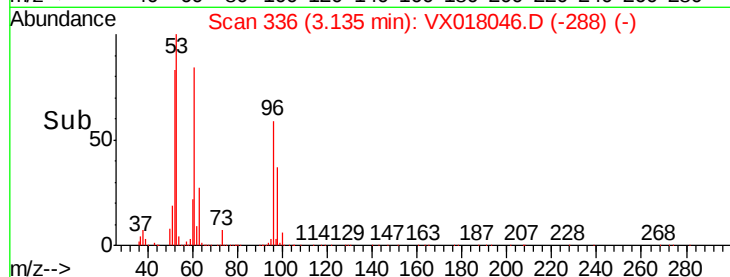
98 62.3 51.1 76.7



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: 144.811 ug/l

RT: 3.83 min Scan# 450

Delta R.T. -0.00 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Tgt Ion: 45 Resp: 3064491

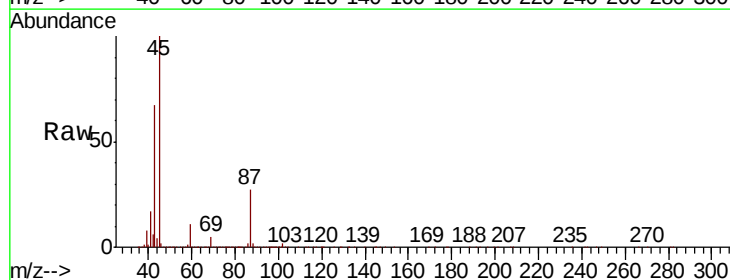
Ion Ratio Lower Upper

45 100

43 66.5 52.8 79.2

87 26.8 22.5 33.7

59 11.4 9.0 13.6

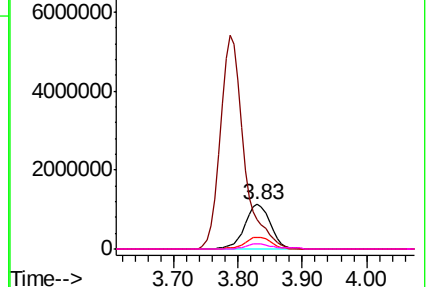
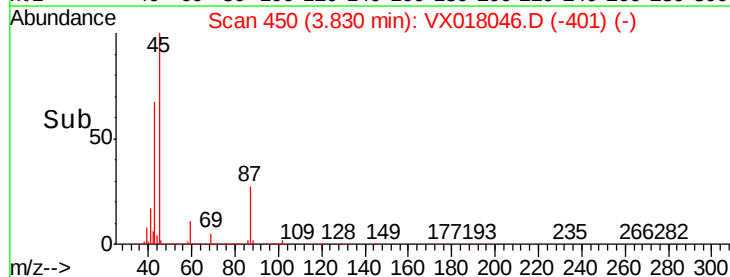


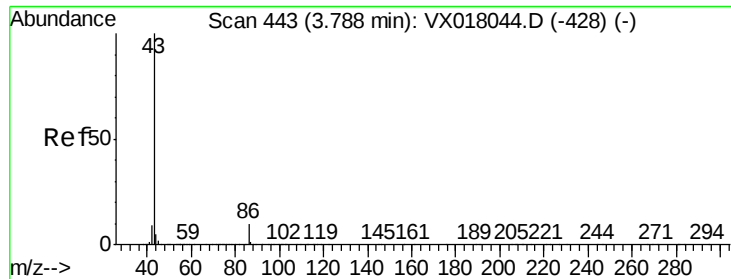
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 748.416 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

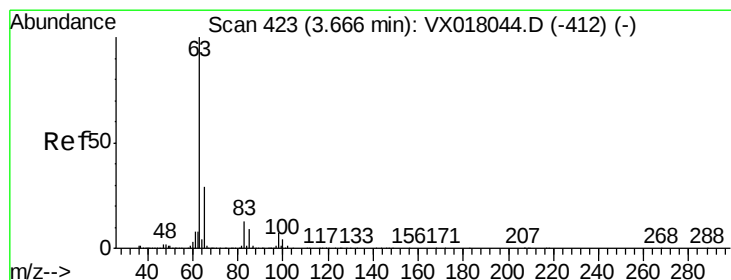
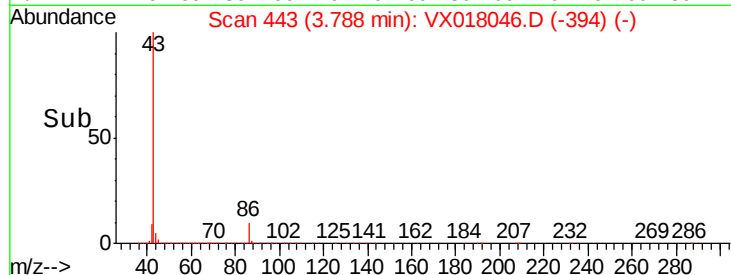
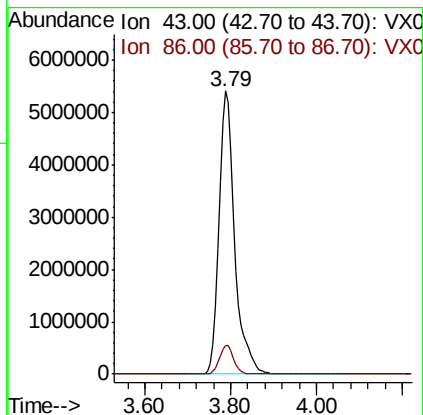
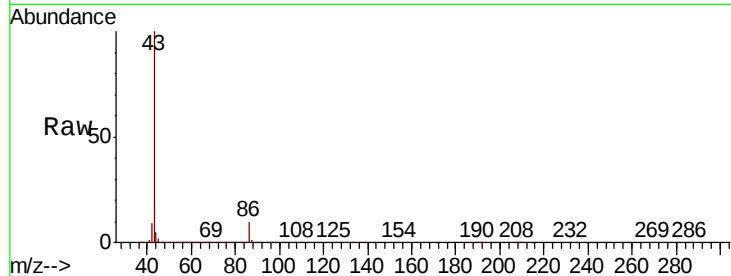
VSTDIC150

Tot Ion: 43 Resp:13953897

Ion Ratio Lower Upper

43 100

86 10.2 7.9 11.9



#24

1,1-Dichloroethane

Concen: 146.190 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

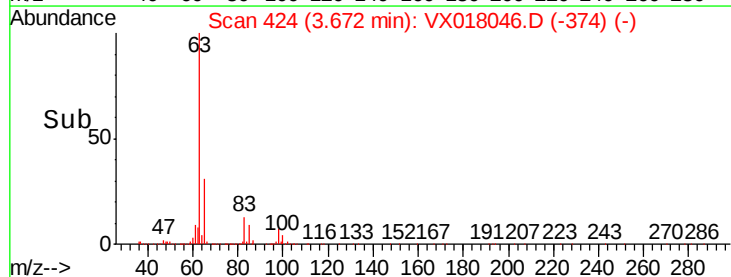
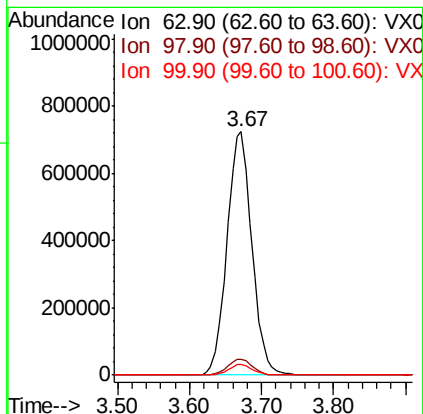
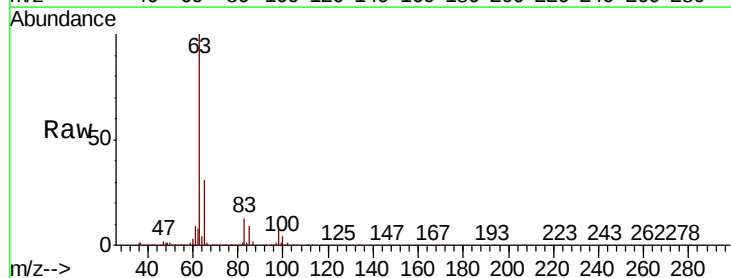
Tgt Ion: 63 Resp: 1733337

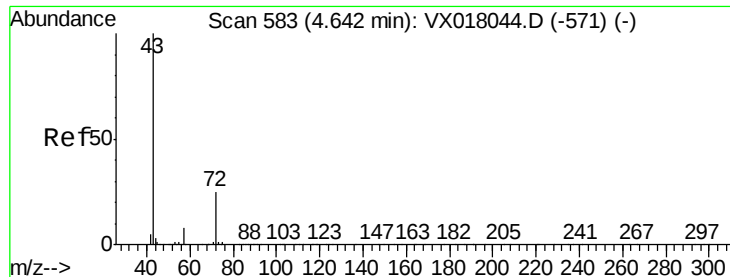
Ion Ratio Lower Upper

63 100

98 6.6 3.6 10.8

100 4.2 2.0 6.0





#25

2-Butanone

Concen: 729.179 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

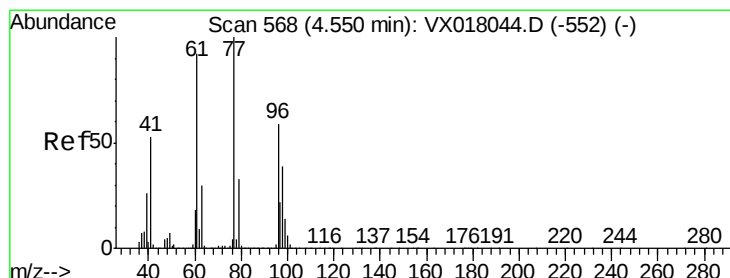
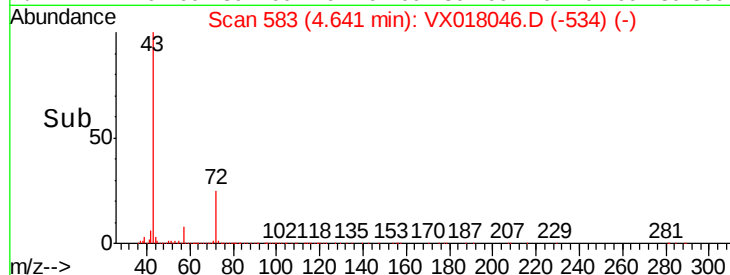
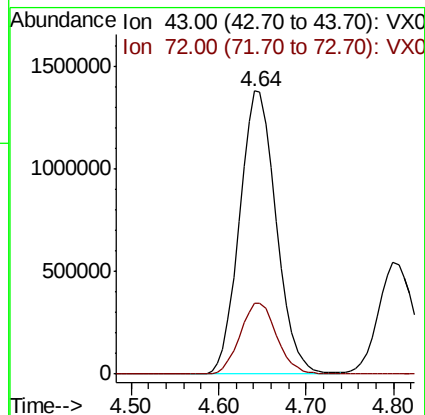
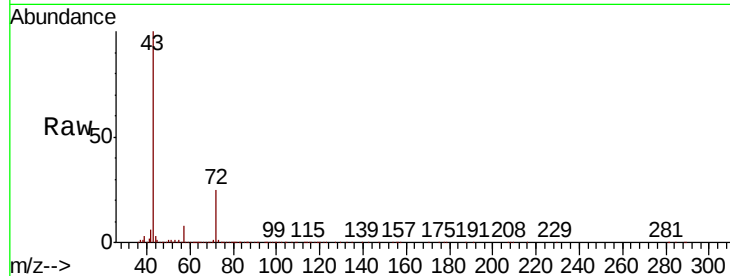
VSTDIC150

Tot Ion: 43 Resp: 4013620

Ion Ratio Lower Upper

43 100

72 25.1 19.8 29.6



#26

2,2-Dichloropropane

Concen: 127.580 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018046.D

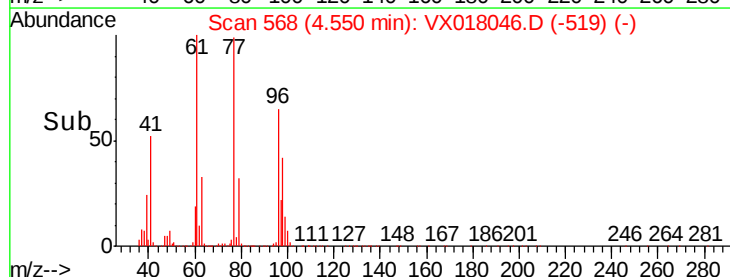
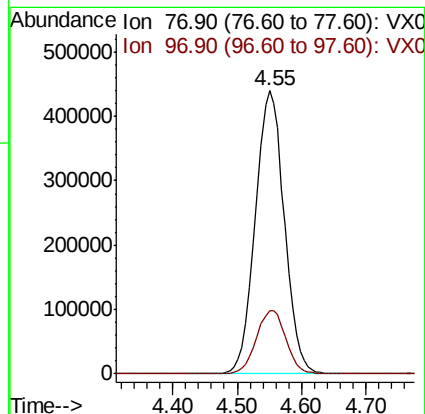
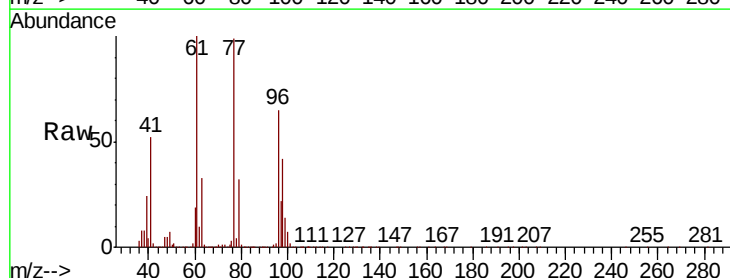
Acq: 20 Aug 2020 20:54

Tgt Ion: 77 Resp: 1355875

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.5



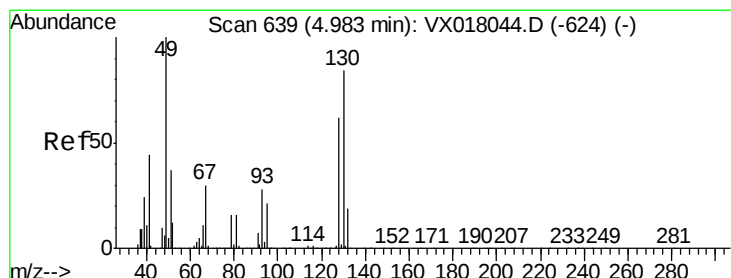
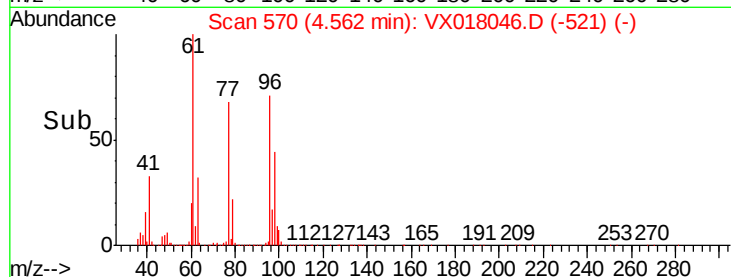
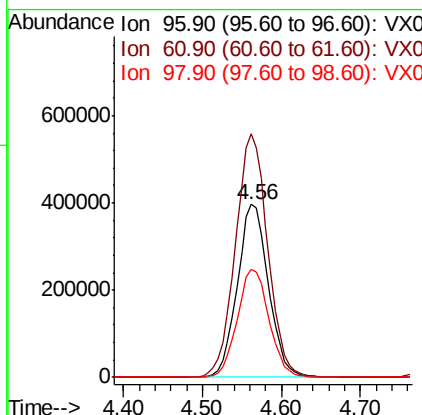
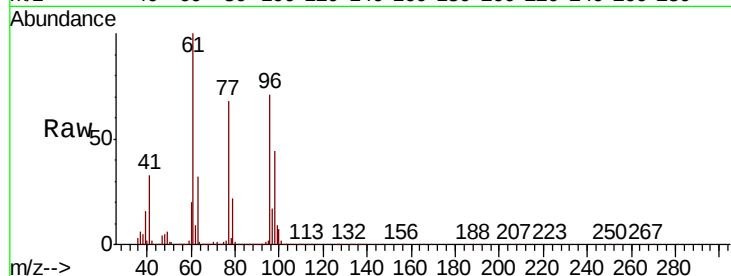


#27

cis-1,2-Dichloroethene
 Concen: 146.602 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX018046.D
 Acq: 20 Aug 2020 20:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

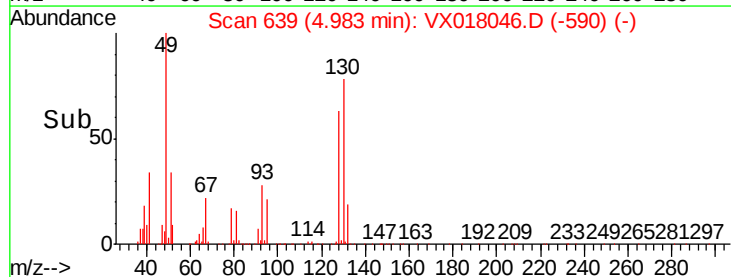
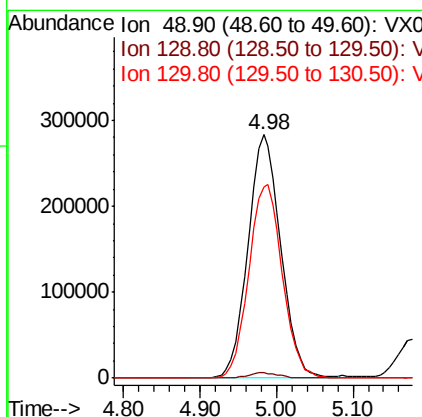
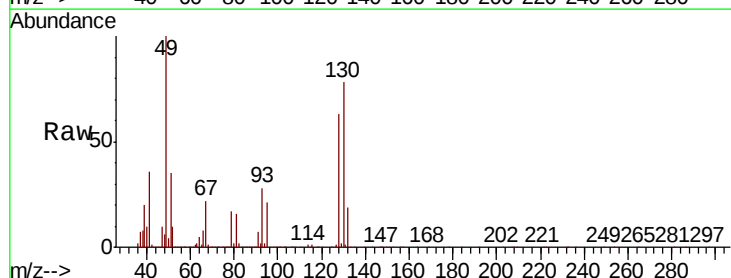
Tot Ion: 96 Resp: 1088854
 Ion Ratio Lower Upper
 96 100
 61 145.8 0.0 296.6
 98 64.1 0.0 130.2

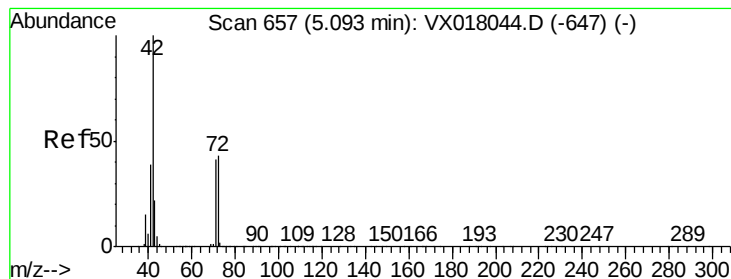


#28

Bromochloromethane
 Concen: 155.425 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX018046.D
 Acq: 20 Aug 2020 20:54

Tgt Ion: 49 Resp: 847403
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 81.2 64.6 96.8





#29

Tetrahydrofuran

Concen: 703.707 ug/l

RT: 5.10 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

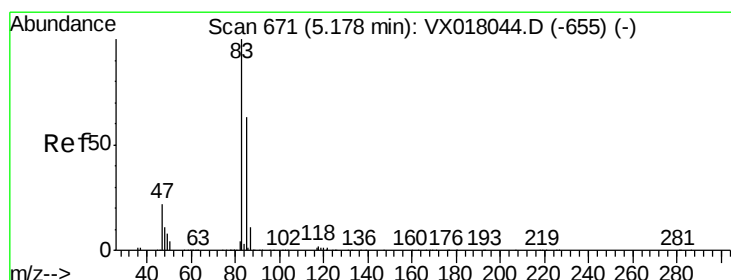
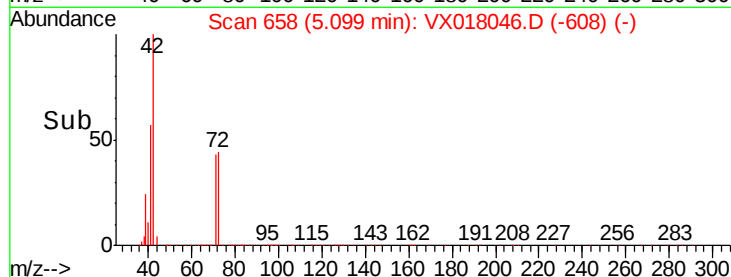
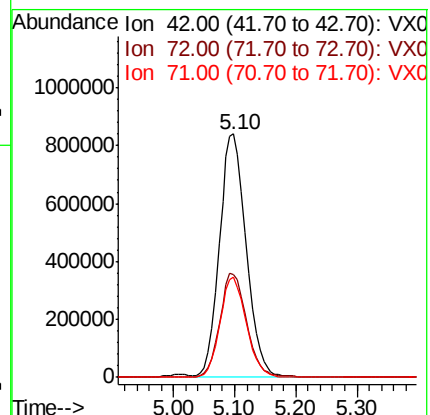
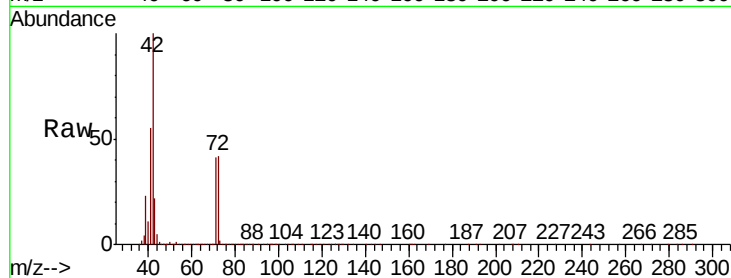
Tot Ion: 42 Resp: 2563803

Ion Ratio Lower Upper

42 100

72 43.0 34.2 51.4

71 40.6 32.1 48.1



#30

Chloroform

Concen: 148.551 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX018046.D

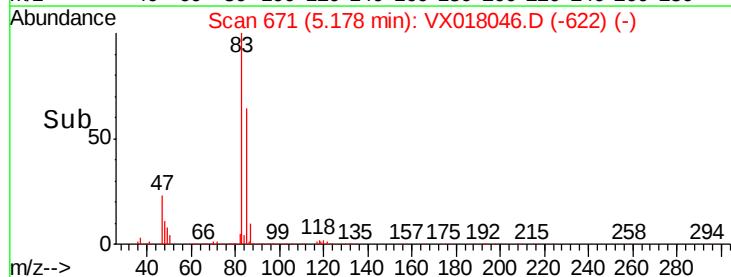
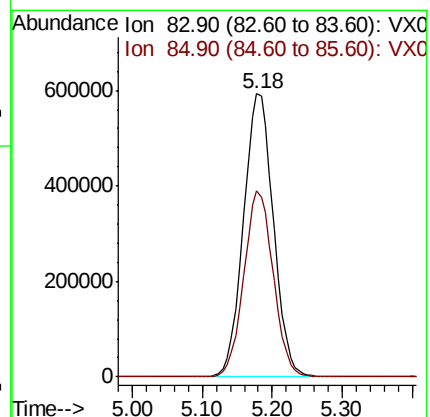
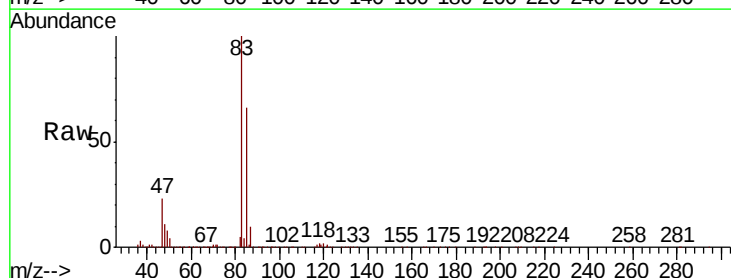
Acq: 20 Aug 2020 20:54

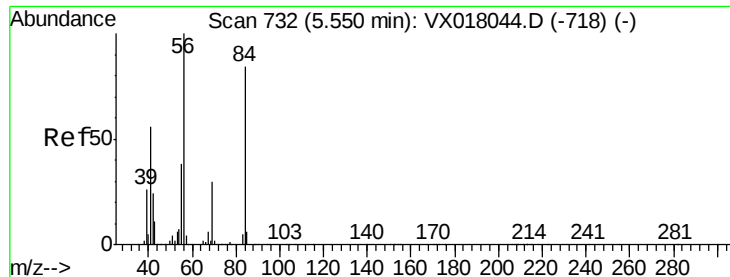
Tgt Ion: 83 Resp: 1760547

Ion Ratio Lower Upper

83 100

85 65.5 50.7 76.1

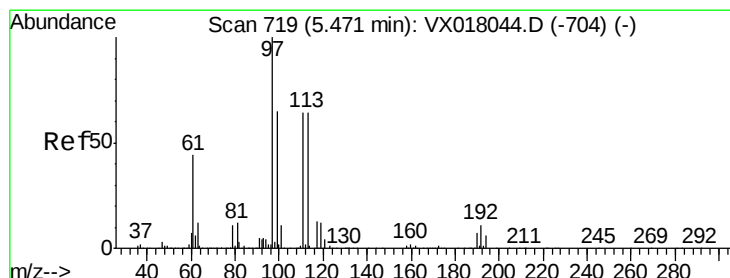
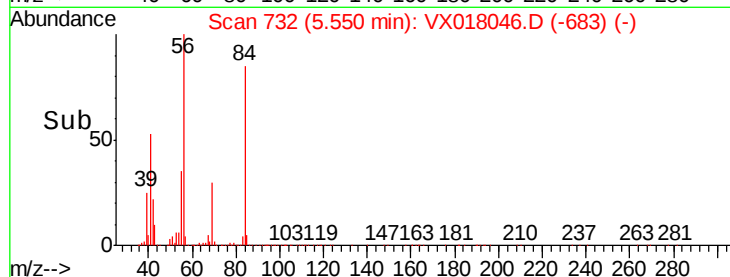
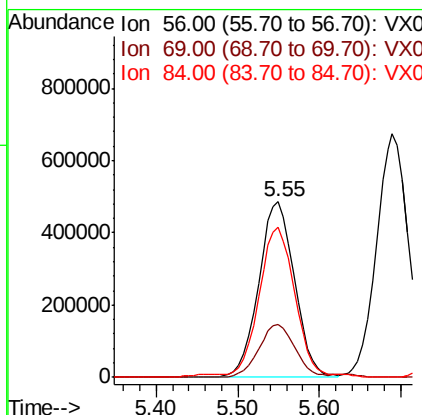
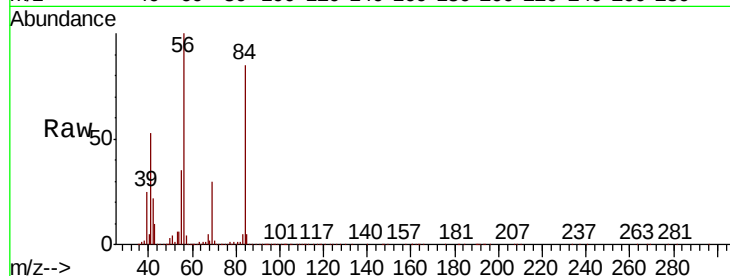




#31
Cyclohexane
Concen: 140.430 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

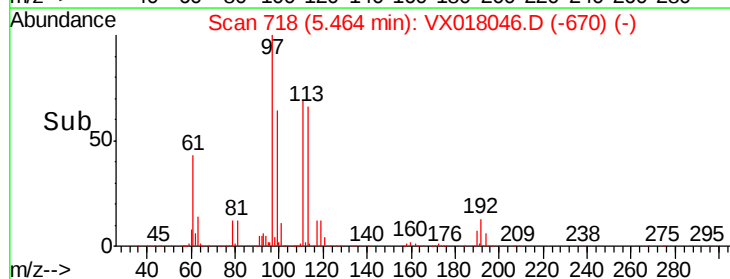
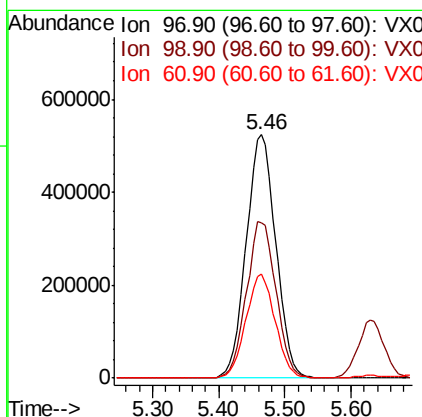
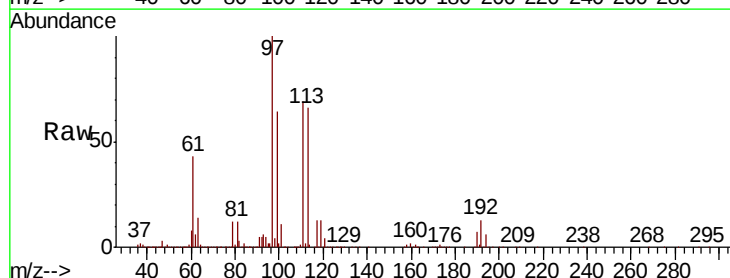
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

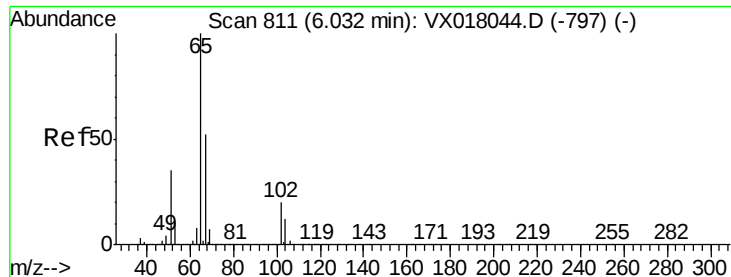
Tot Ion: 56 Resp: 1485170
Ion Ratio Lower Upper
56 100
69 30.0 23.9 35.9
84 84.3 67.0 100.4



#32
1,1,1-Trichloroethane
Concen: 151.401 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

Tgt Ion: 97 Resp: 1633014
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.0
61 42.1 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 157.218 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

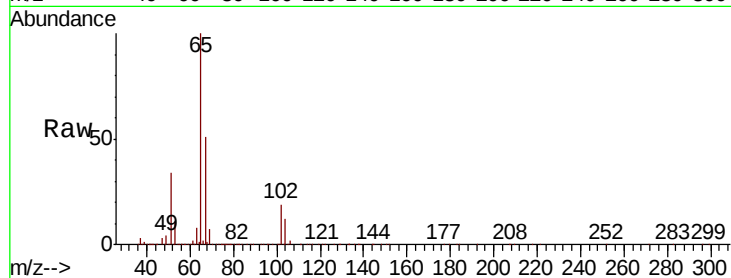
VSTDIC150

Tot Ion: 65 Resp: 1239501

Ion Ratio Lower Upper

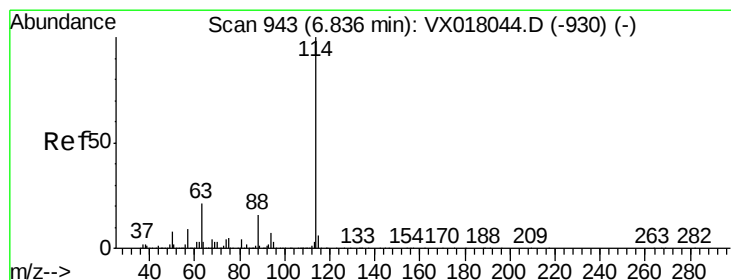
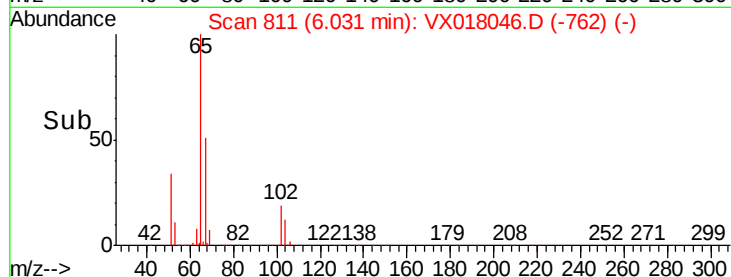
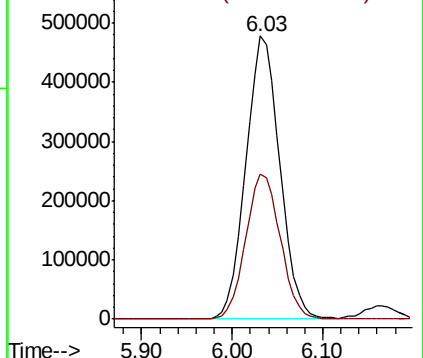
65 100

67 52.2 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: VX018046.D

Acq: 20 Aug 2020 20:54

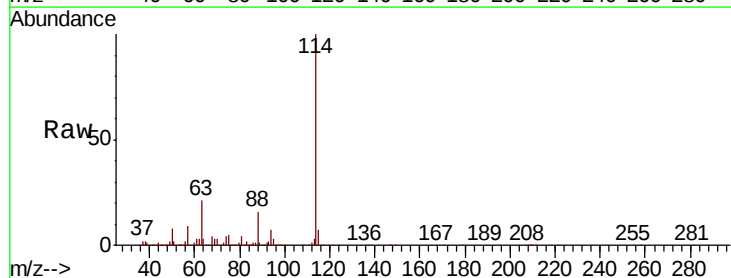
Tgt Ion: 114 Resp: 965062

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

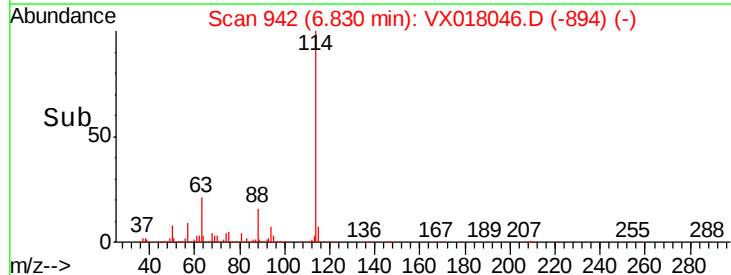
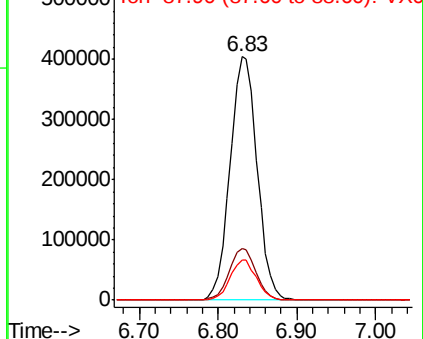
88 16.4 0.0 31.8

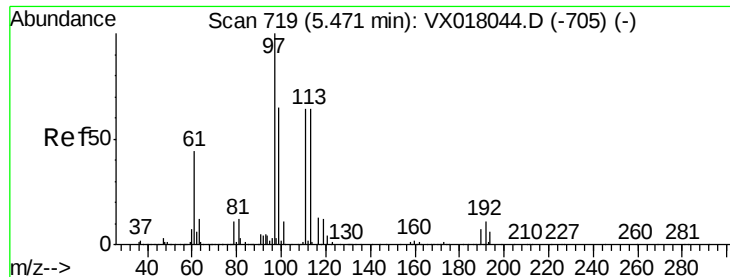


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 161.726 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

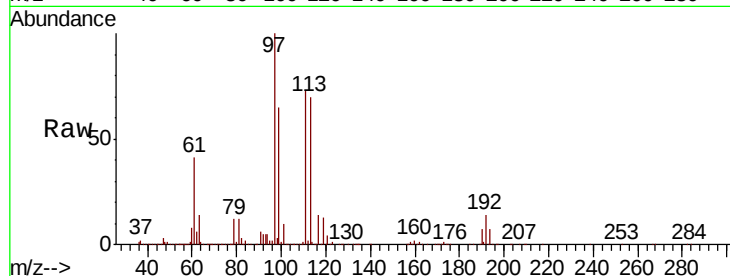
Tot Ion:113 Resp: 1010331

Ion Ratio Lower Upper

113 100

111 102.7 81.6 122.4

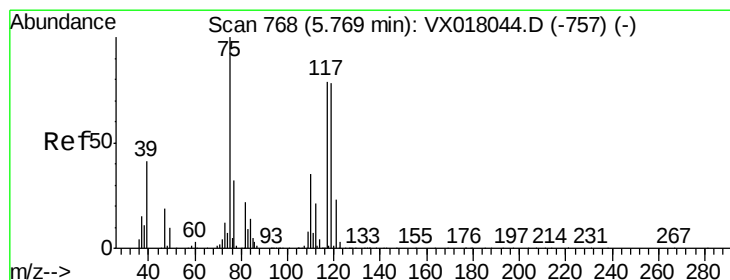
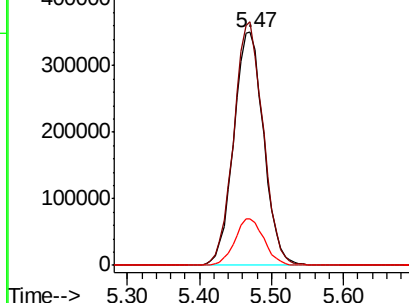
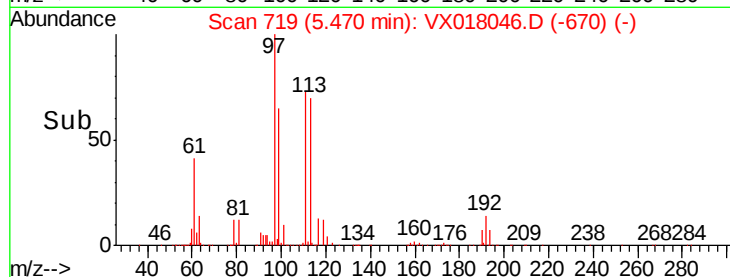
192 19.6 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 139.426 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

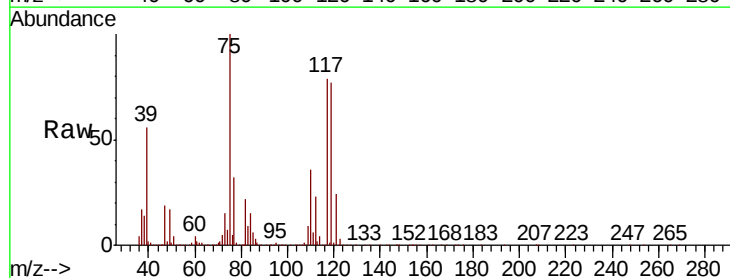
Tgt Ion: 75 Resp: 1320309

Ion Ratio Lower Upper

75 100

110 36.1 18.0 54.0

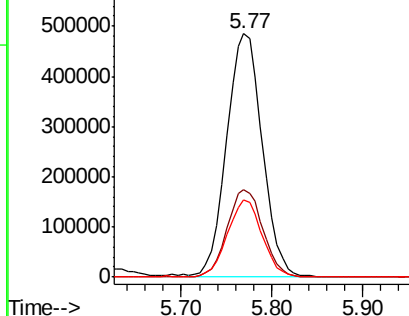
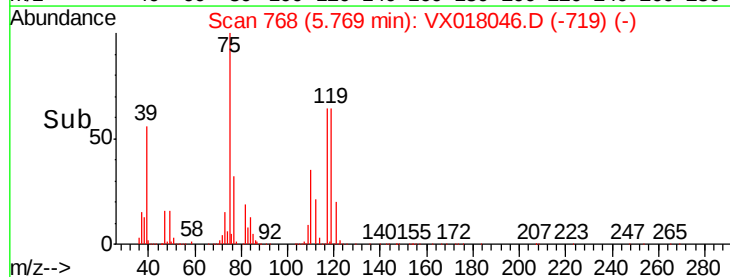
77 30.8 24.4 36.6

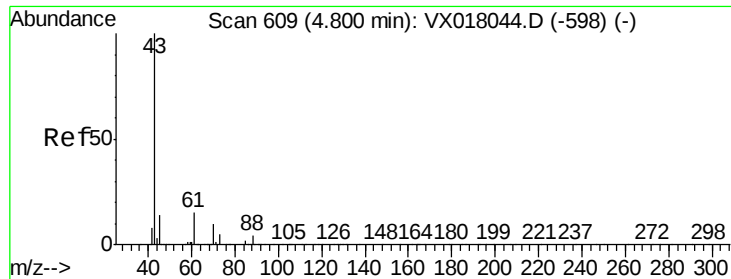


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

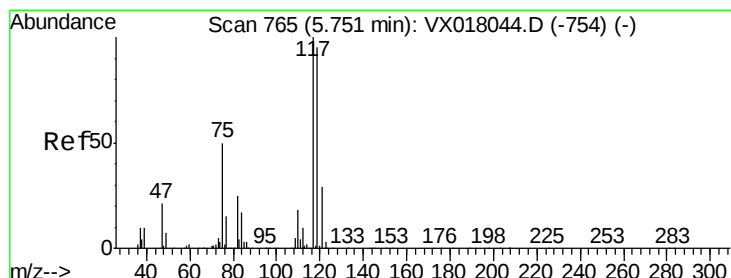
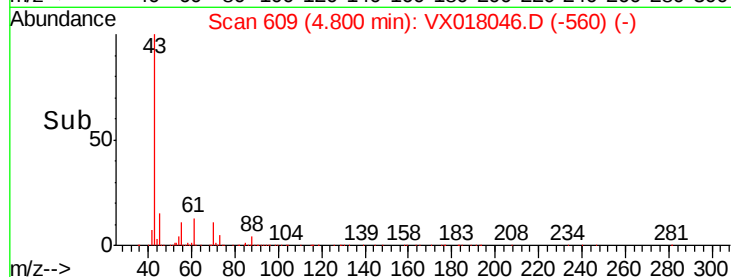
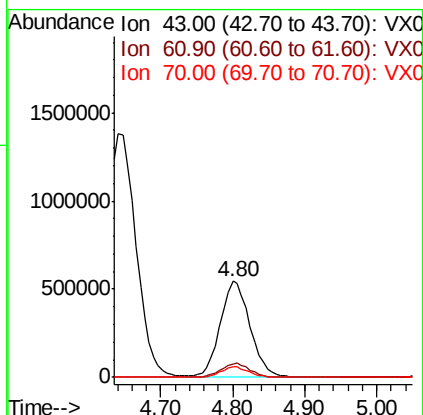
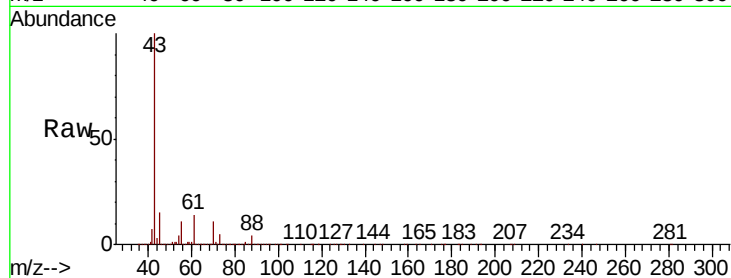




#37
Ethyl Acetate
Concen: 144.264 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

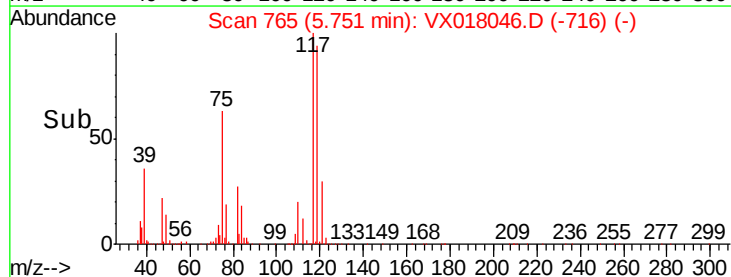
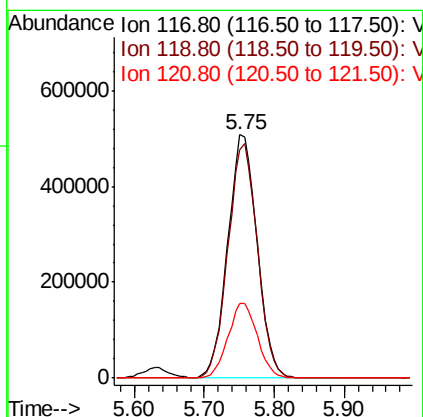
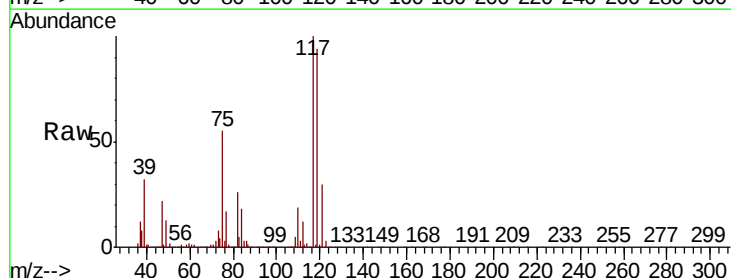
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

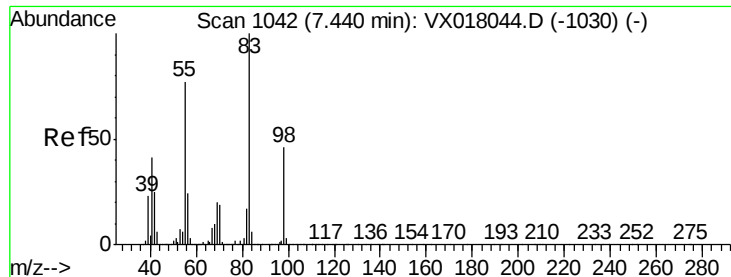
Tot Ion: 43 Resp: 1568503
Ion Ratio Lower Upper
43 100
61 13.7 11.3 16.9
70 10.4 8.2 12.4



#38
Carbon Tetrachloride
Concen: 151.718 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

Tgt Ion: 117 Resp: 1480488
Ion Ratio Lower Upper
117 100
119 93.8 75.8 113.6
121 30.5 23.4 35.0



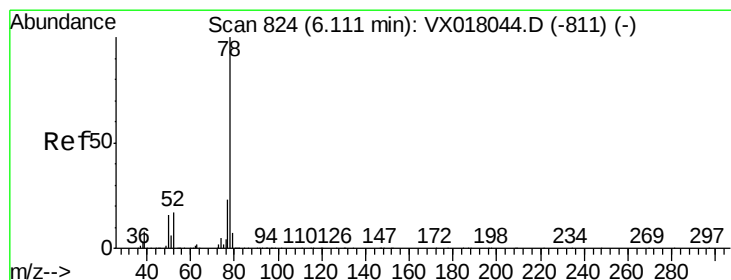
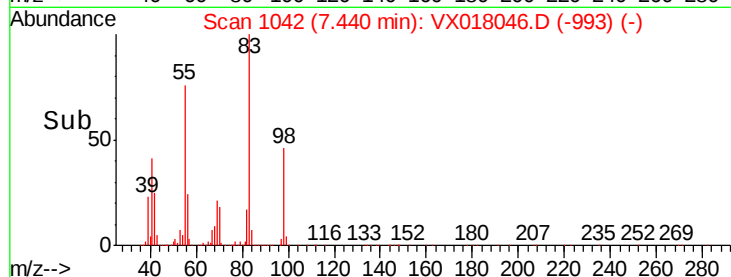
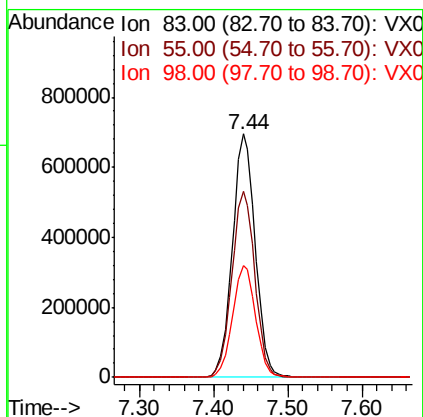
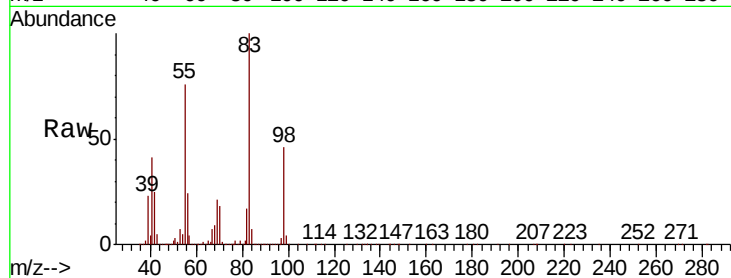


#39
Methvlcvclohexane
Concen: 132.905 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 83 Resp: 1490583

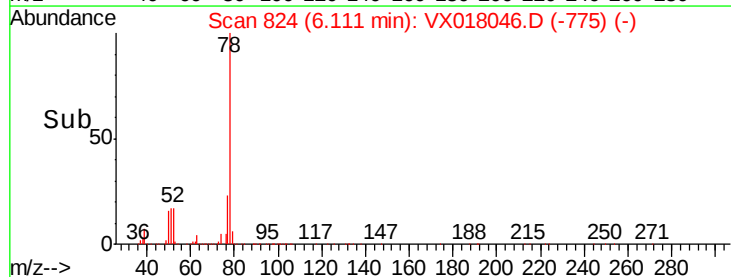
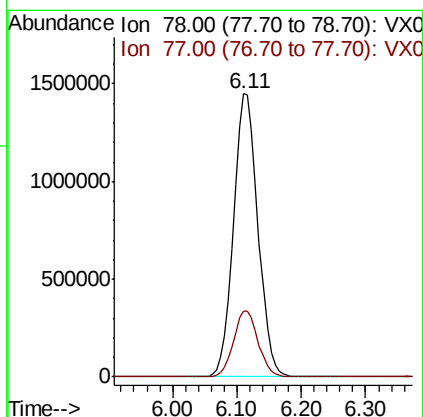
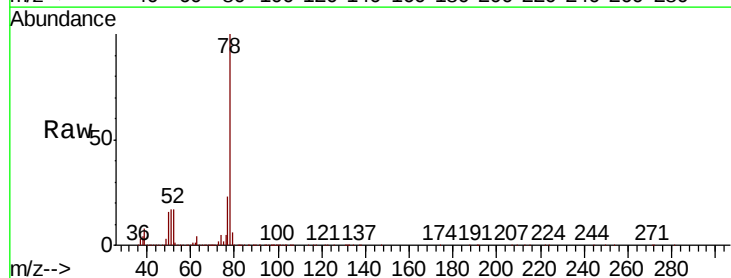
Ion	Ratio	Lower	Upper
83	100		
55	76.2	61.8	92.6
98	46.0	36.6	55.0

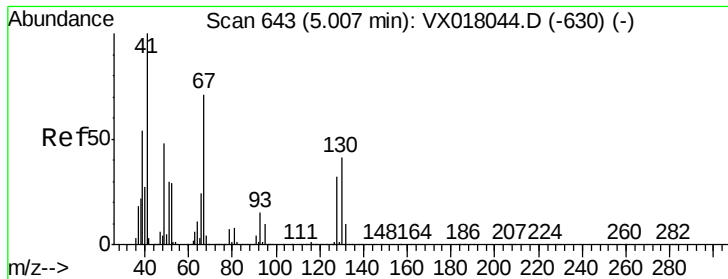


#40
Benzene
Concen: 138.306 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

Tgt Ion: 78 Resp: 3814879

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.2	27.2





#41

Methacrylonitrile

Concen: 144.197 ug/l

RT: 5.01 min Scan# 644

Delta R.T. 0.01 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 41 Resp: 847849

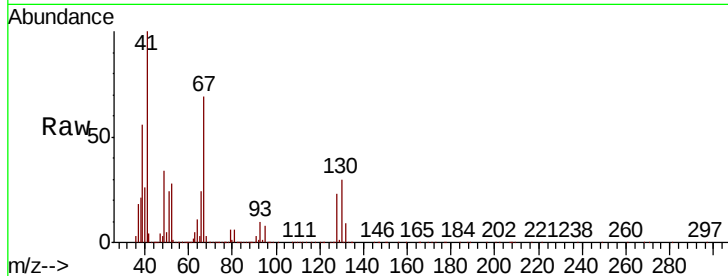
Ion Ratio Lower Upper

41 100

39 54.6 43.1 64.7

67 69.8 56.0 84.0

52 29.0 22.7 34.1

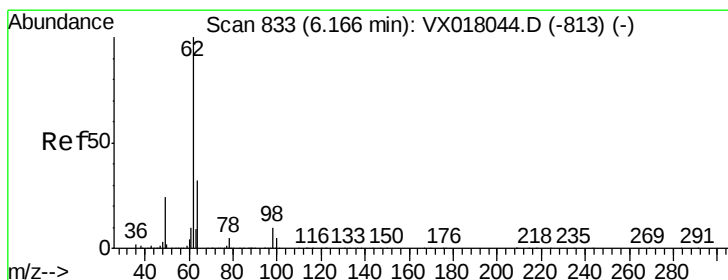
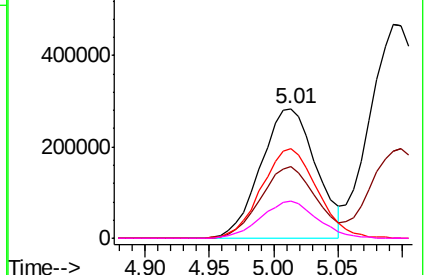
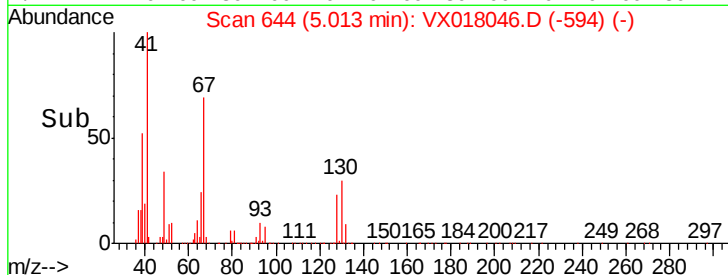


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 145.194 ug/l

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX018046.D

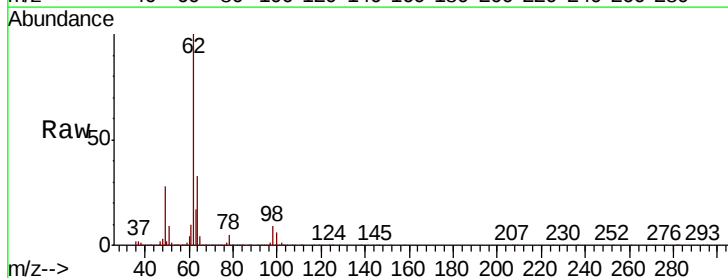
Acq: 20 Aug 2020 20:54

Tgt Ion: 62 Resp: 1457469

Ion Ratio Lower Upper

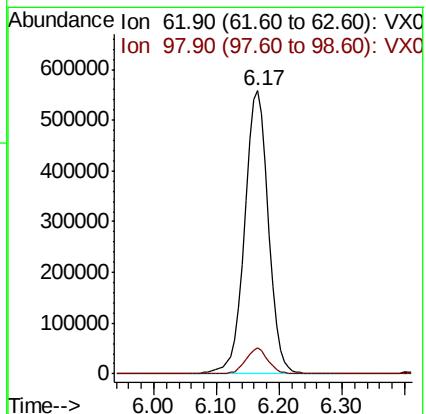
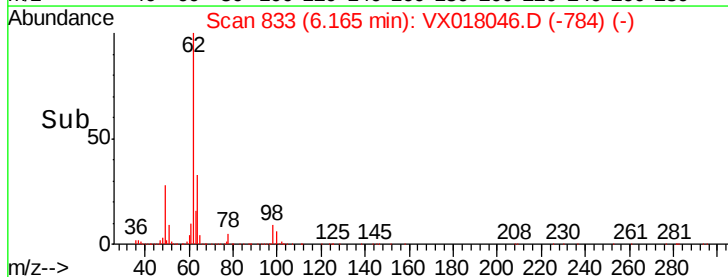
62 100

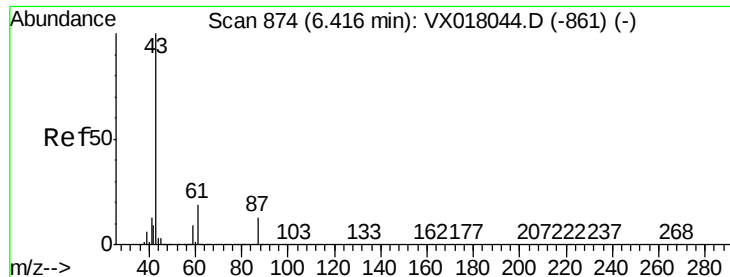
98 8.6 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



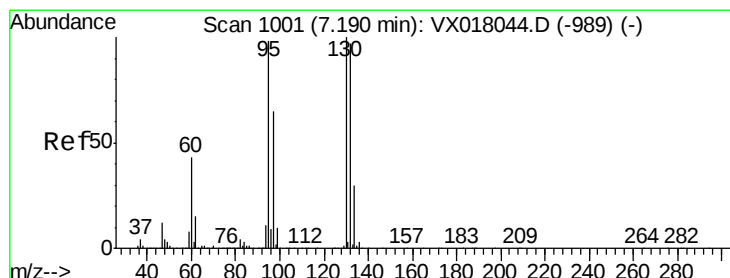
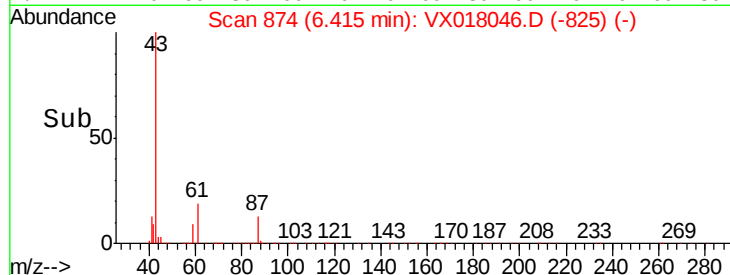
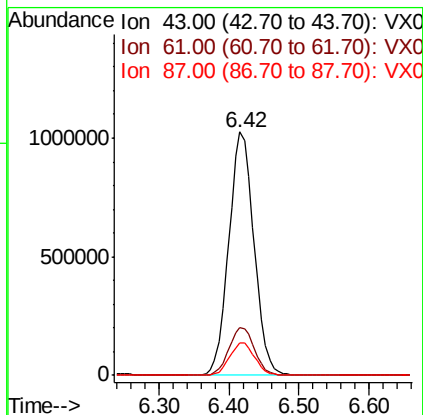
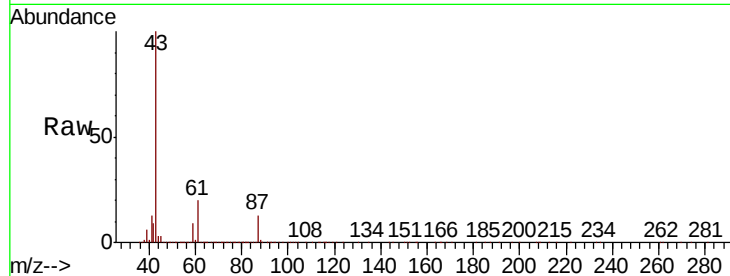


#43

Isopropyl Acetate
 Concen: 146.461 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX018046.D
 Acq: 20 Aug 2020 20:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

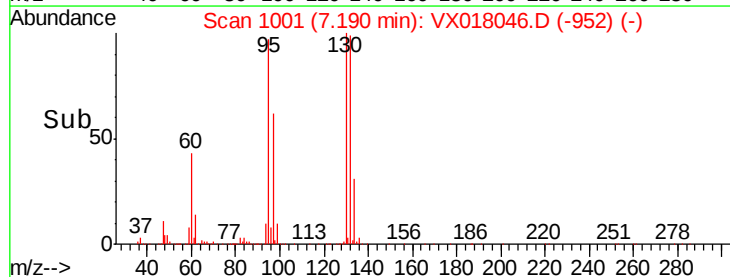
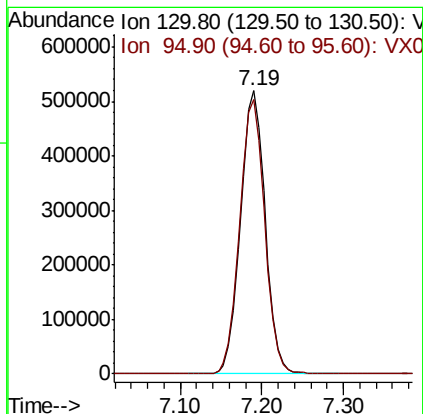
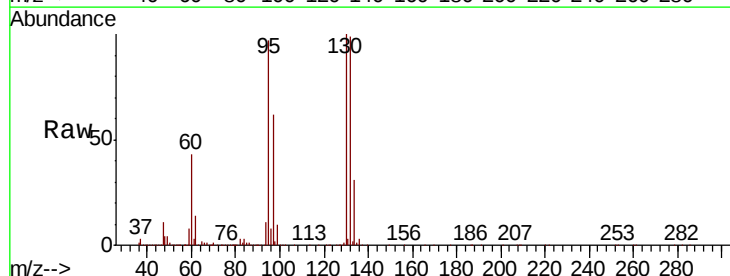
Tot Ion: 43 Resp: 2557578
 Ion Ratio Lower Upper
 43 100
 61 19.8 15.7 23.5
 87 13.2 10.3 15.5

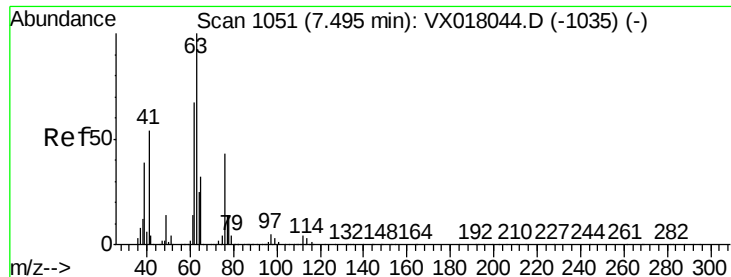


#44

Trichloroethene
 Concen: 113.870 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018046.D
 Acq: 20 Aug 2020 20:54

Tgt Ion: 130 Resp: 1085766
 Ion Ratio Lower Upper
 130 100
 95 96.8 0.0 196.4





#45

1,2-Dichloropropane

Concen: 149.021 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

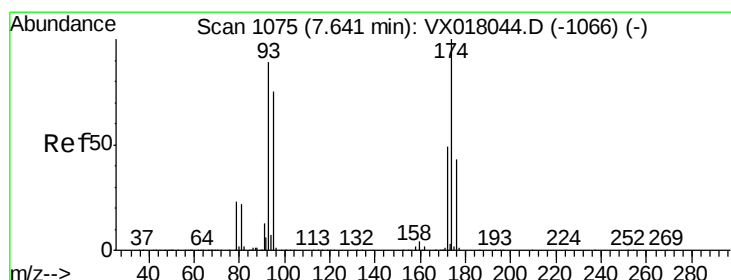
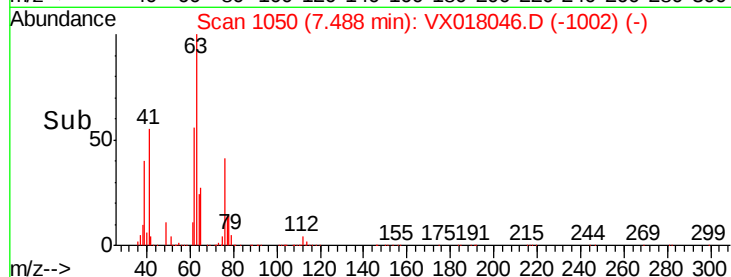
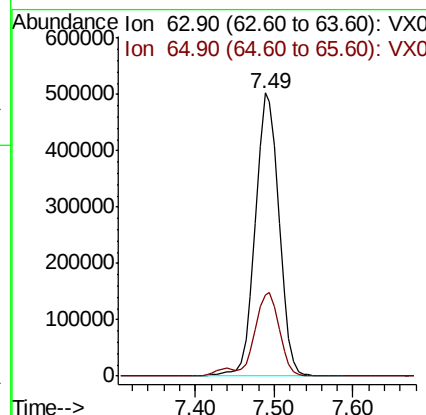
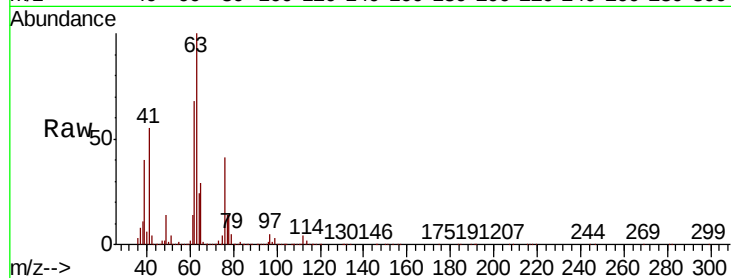
VSTDIC150

Tot Ion: 63 Resp: 1050710

Ion Ratio Lower Upper

63 100

65 28.7 25.7 38.5



#46

Dibromomethane

Concen: 153.742 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

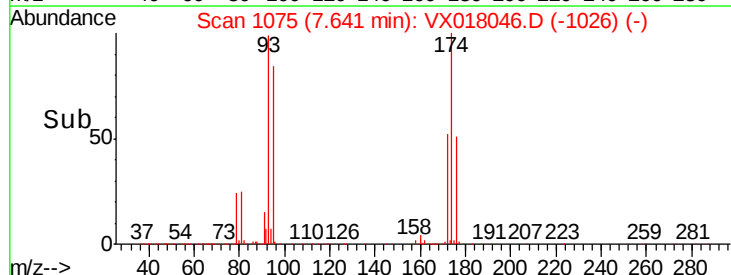
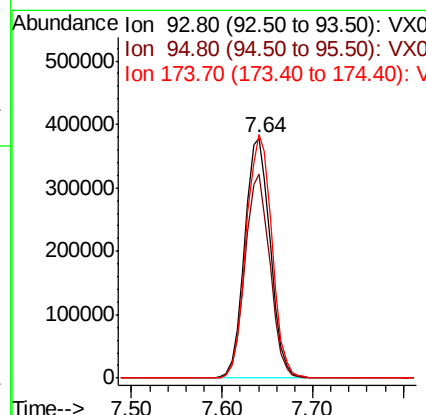
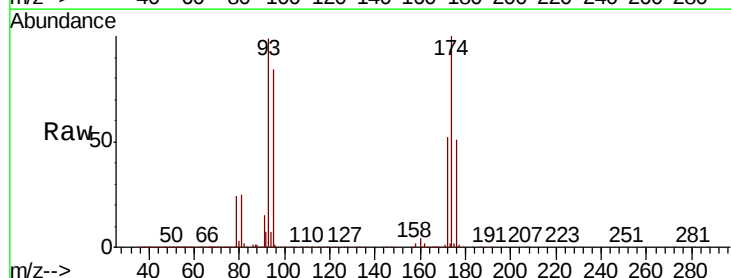
Tgt Ion: 93 Resp: 739791

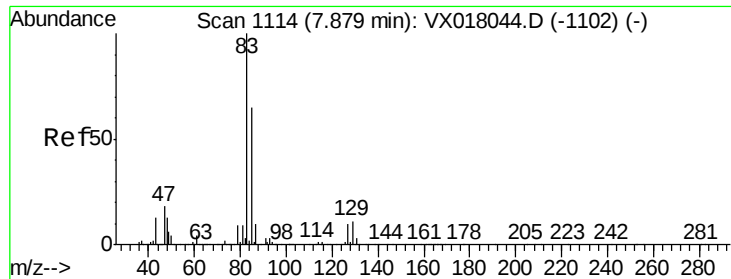
Ion Ratio Lower Upper

93 100

95 83.2 67.3 100.9

174 102.2 82.2 123.2



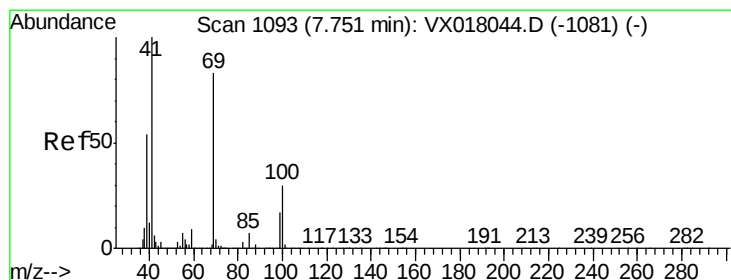
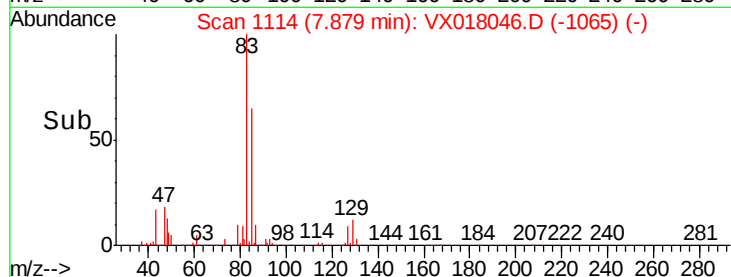
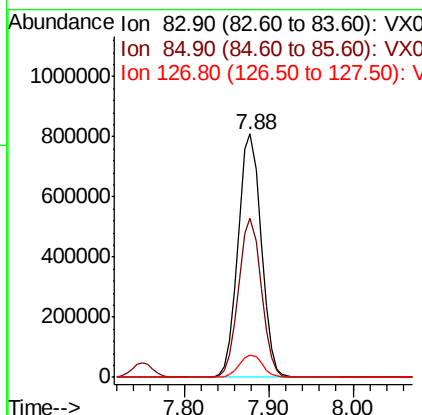
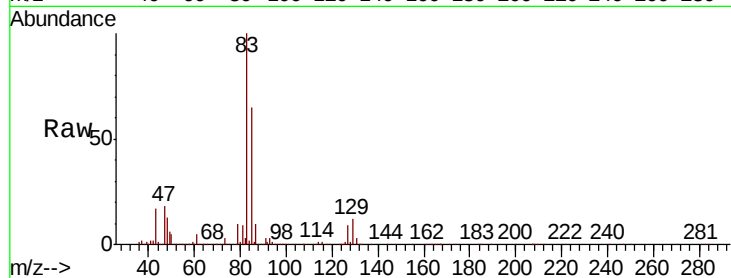


#47
Bromodichloromethane
Concen: 152.171 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 83 Resp: 1487532

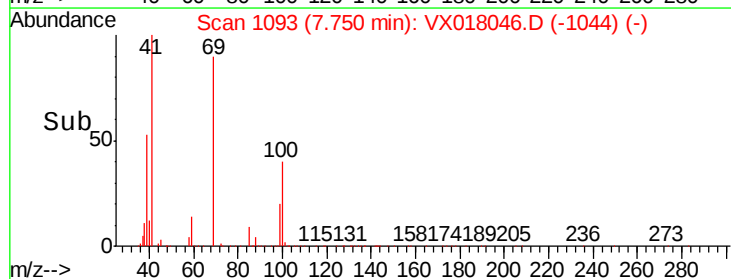
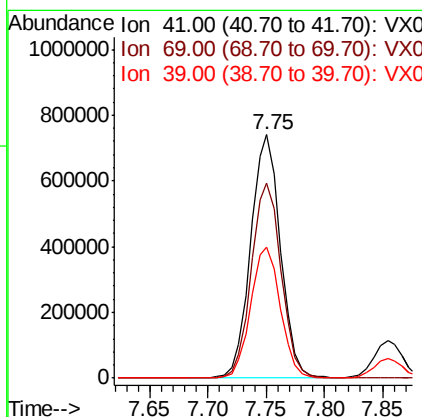
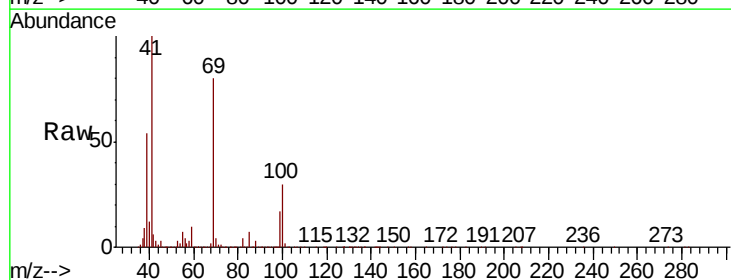
Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.8	77.6
127	9.2	7.7	11.5

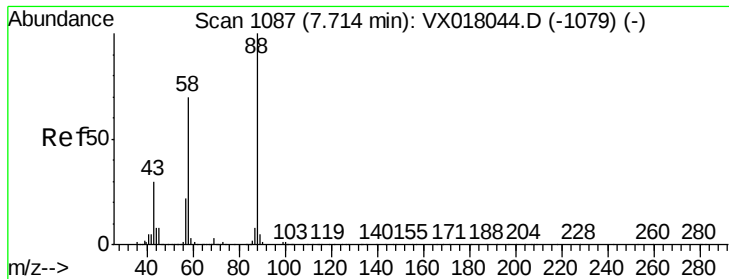


#48
Methyl methacrylate
Concen: 158.620 ug/l
RT: 7.75 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

Tgt Ion: 41 Resp: 1321187

Ion	Ratio	Lower	Upper
41	100		
69	80.6	65.5	98.3
39	53.9	44.5	66.7





#49

1,4-Dioxane

Concen: 2298.130 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

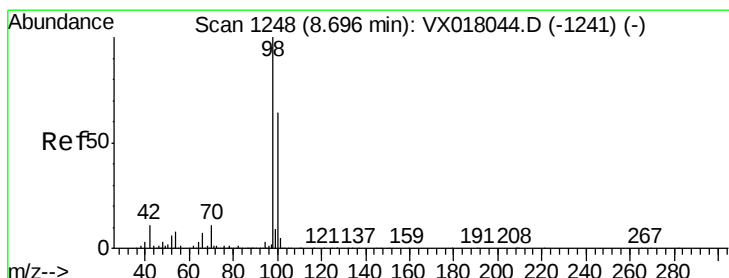
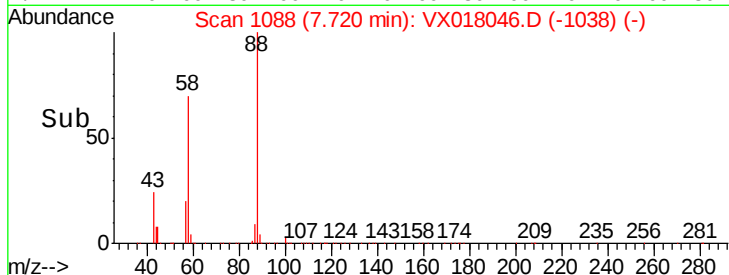
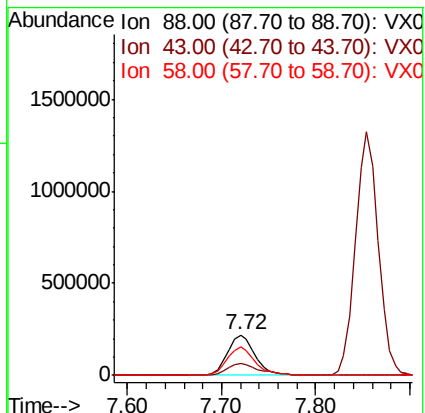
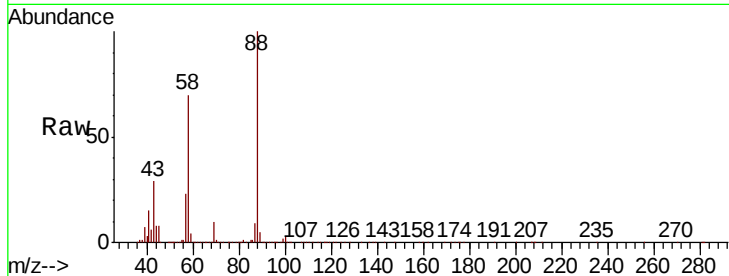
Tot Ion: 88 Resp: 444186

Ion Ratio Lower Upper

88 100

43 34.8 27.4 41.0

58 71.8 56.4 84.6



#50

Toluene-d8

Concen: 155.097 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018046.D

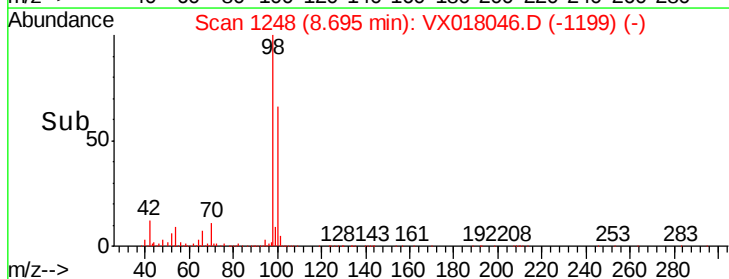
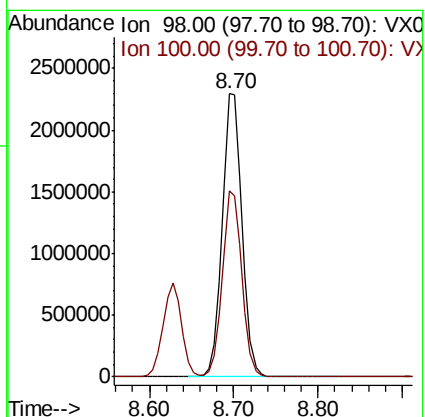
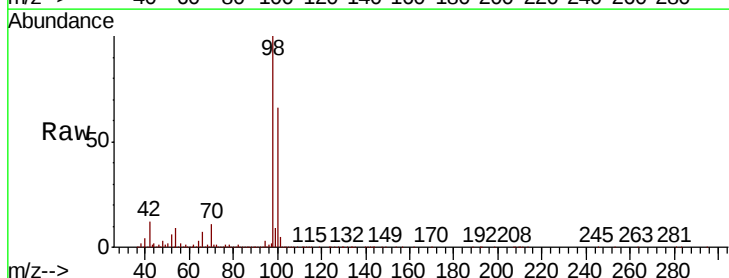
Acq: 20 Aug 2020 20:54

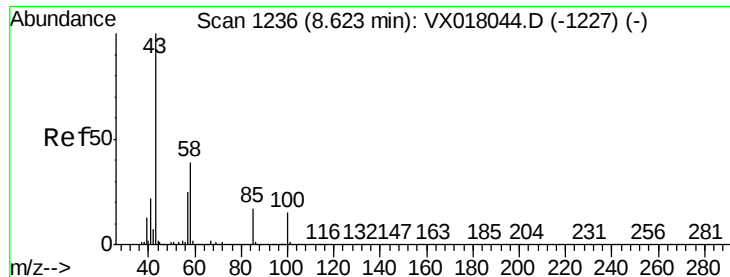
Tgt Ion: 98 Resp: 3704109

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.4

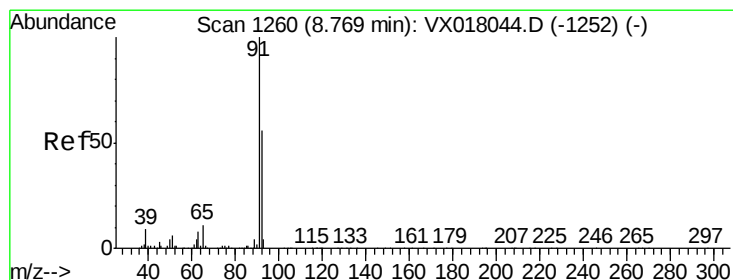
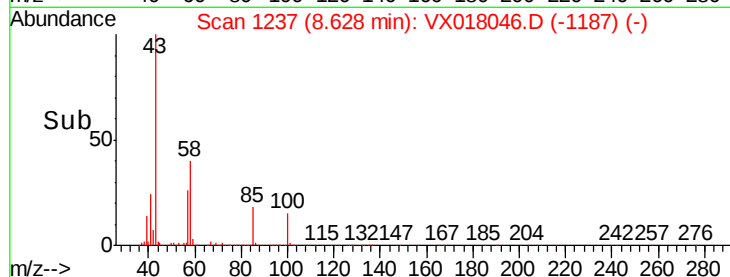
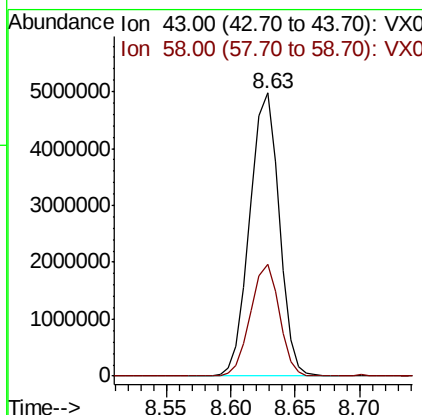
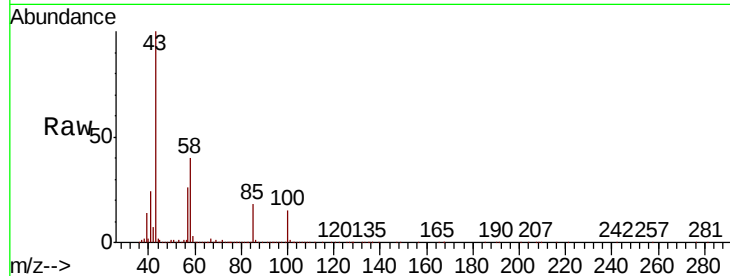




#51
4-Methyl-2-Pentanone
Concen: 733.330 ug/l
RT: 8.63 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

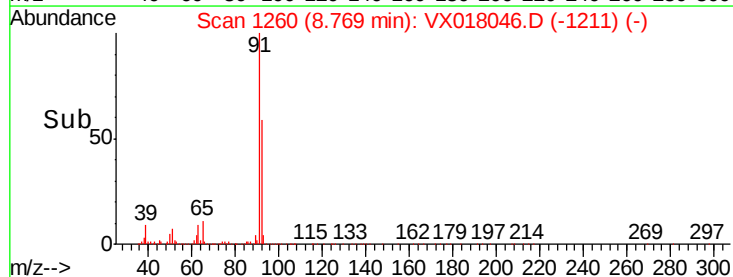
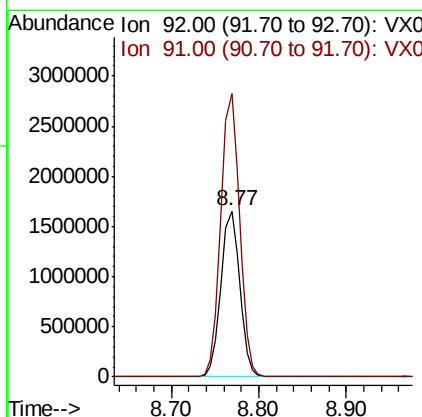
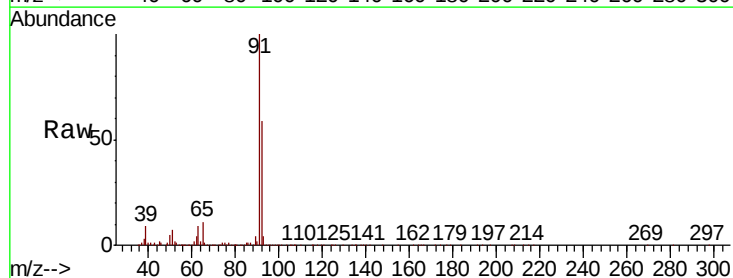
Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

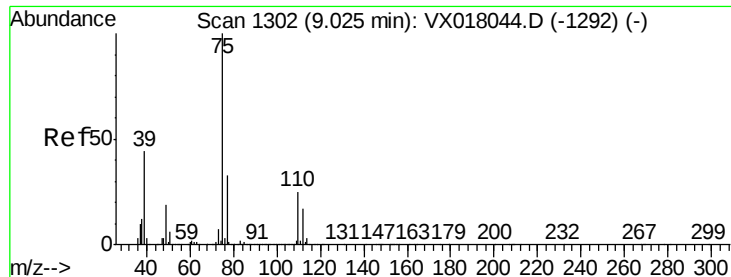
Tot Ion: 43 Resp: 7837953
Ion Ratio Lower Upper
43 100
58 38.7 30.7 46.1



#52
Toluene
Concen: 142.479 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

Tgt Ion: 92 Resp: 2455316
Ion Ratio Lower Upper
92 100
91 171.6 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 147.875 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

ClientSampled :

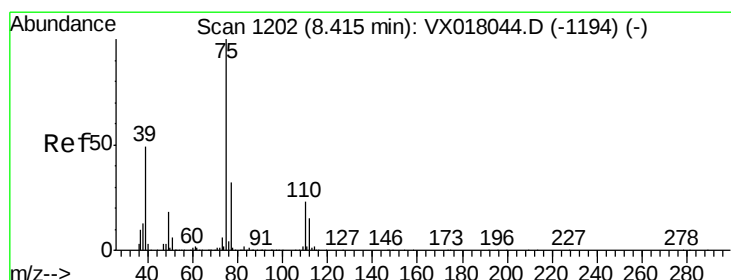
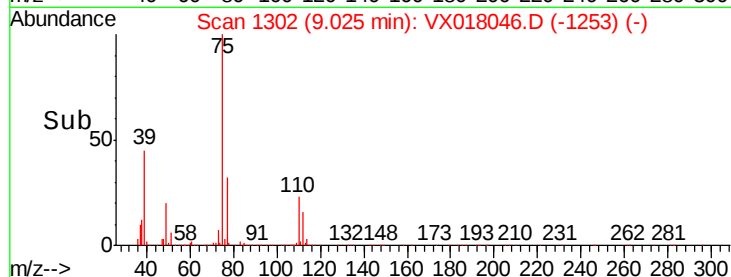
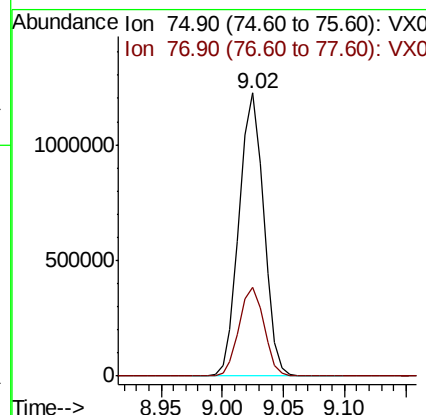
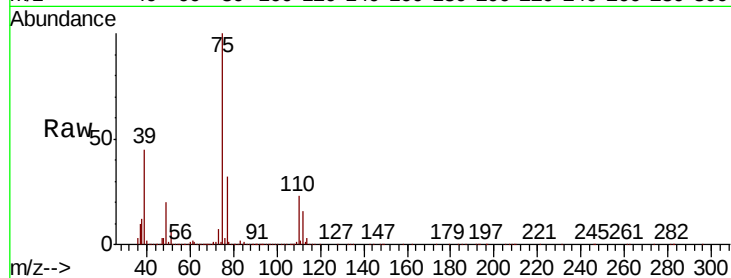
VSTDIC150

Tot Ion: 75 Resp: 1709397

Ion Ratio Lower Upper

75 100

77 31.6 26.6 39.8



#54

cis-1,3-Dichloropropene

Concen: 146.764 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

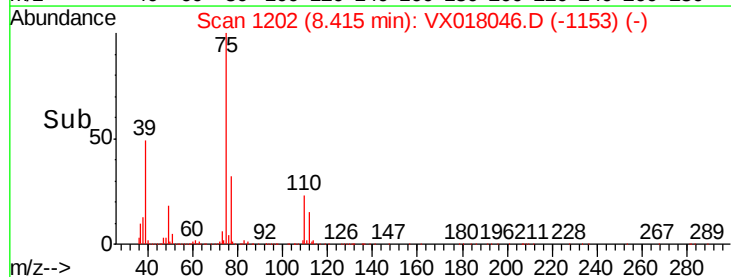
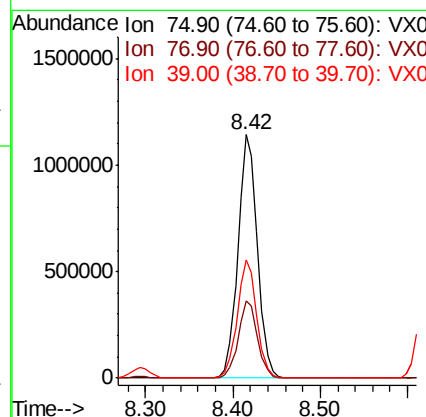
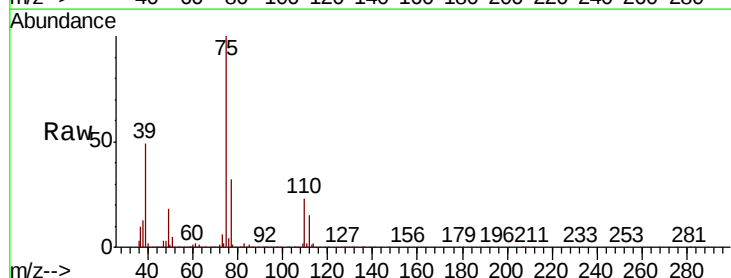
Tgt Ion: 75 Resp: 1771351

Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.8

39 48.6 38.8 58.2



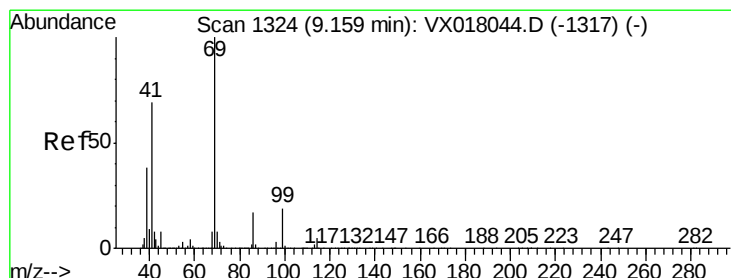
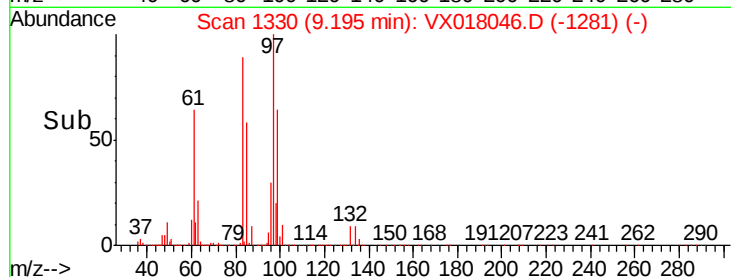
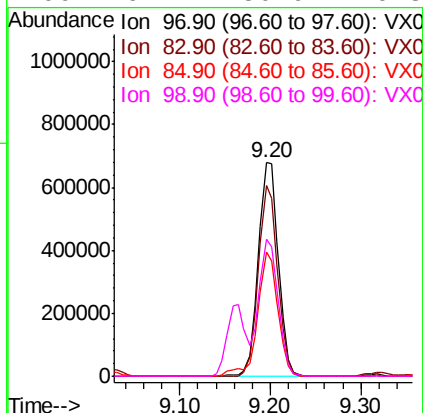
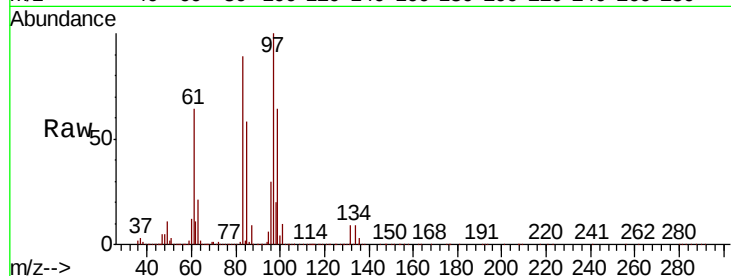


#55
 1,1,2-Trichloroethane
 Concen: 151.518 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018046.D
 Acq: 20 Aug 2020 20:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion: 97 Resp: 1038834

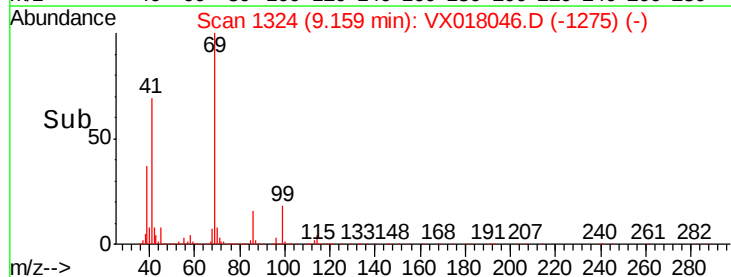
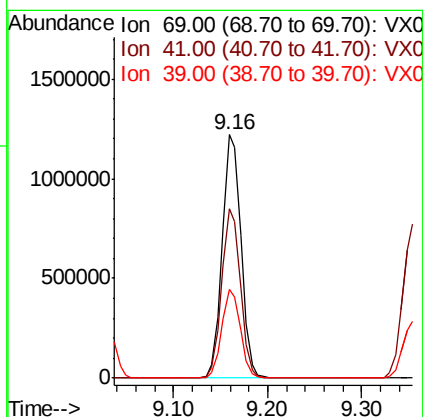
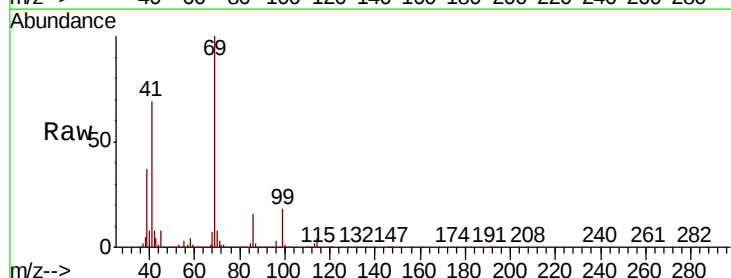
Ion	Ratio	Lower	Upper
97	100		
83	89.3	67.8	101.6
85	58.0	45.3	67.9
99	64.2	50.9	76.3

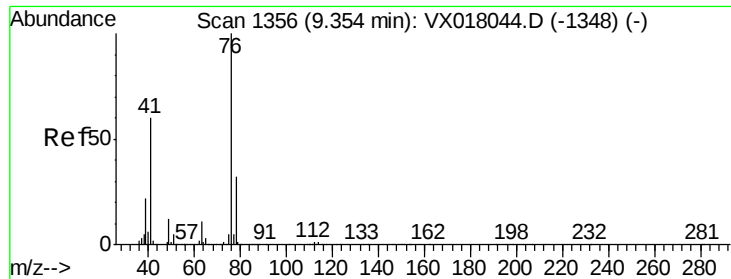


#56
 Ethyl methacrylate
 Concen: 152.712 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018046.D
 Acq: 20 Aug 2020 20:54

Tgt Ion: 69 Resp: 1684978

Ion	Ratio	Lower	Upper
69	100		
41	68.9	54.6	81.8
39	36.1	29.1	43.7





#57

1,3-Dichloropropane

Concen: 146.942 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

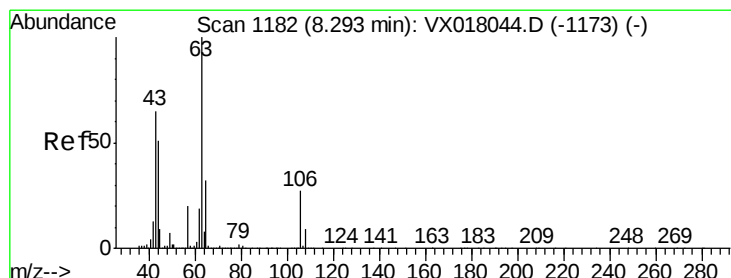
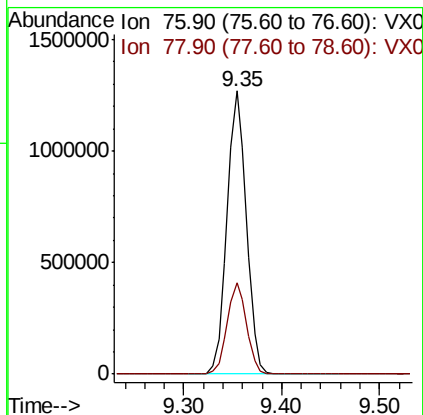
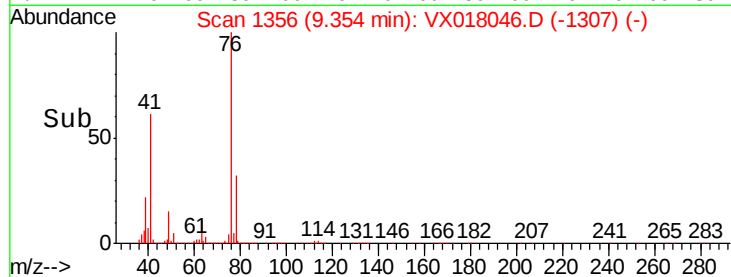
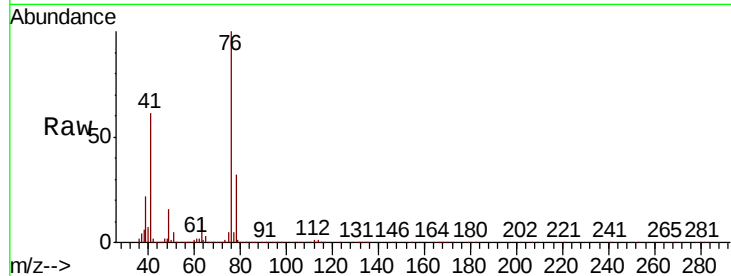
VSTDIC150

Tot Ion: 76 Resp: 1745238

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 653.365 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018046.D

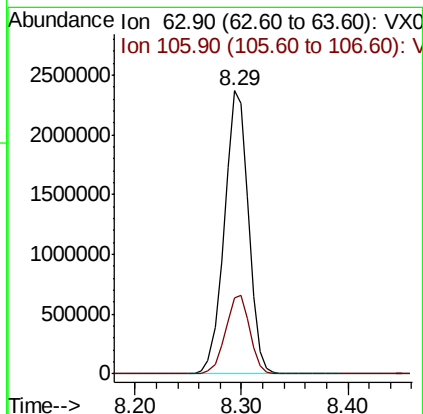
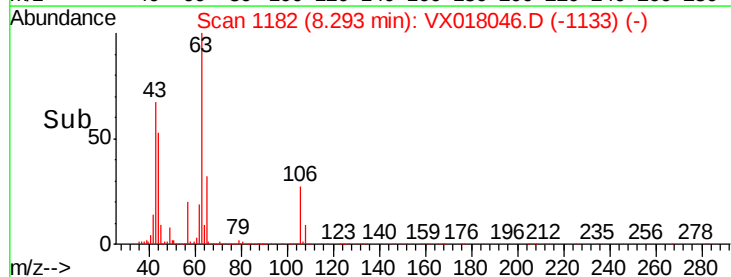
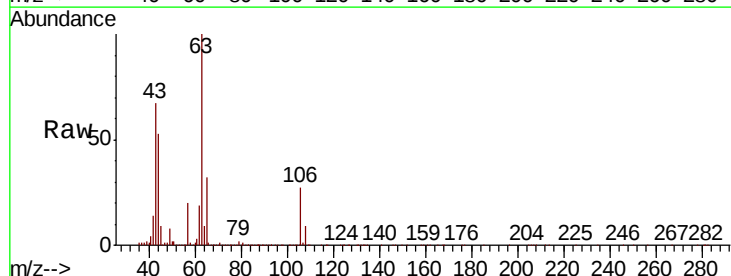
Acq: 20 Aug 2020 20:54

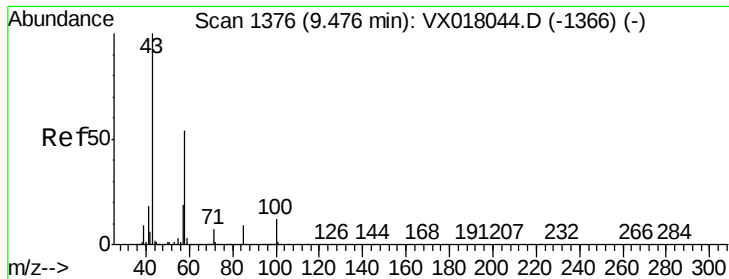
Tgt Ion: 63 Resp: 3738210

Ion Ratio Lower Upper

63 100

106 27.9 22.1 33.1

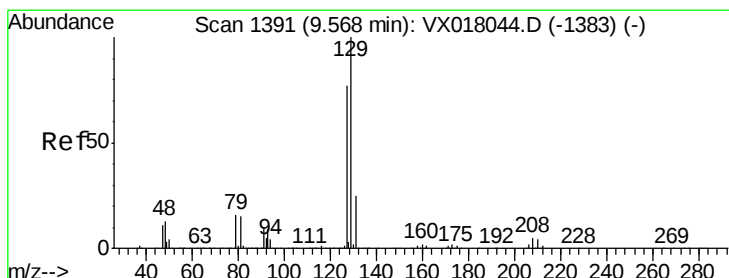
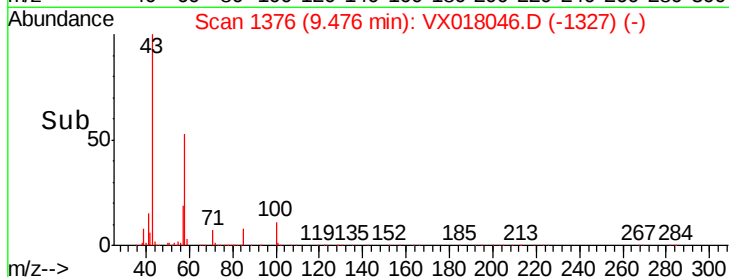
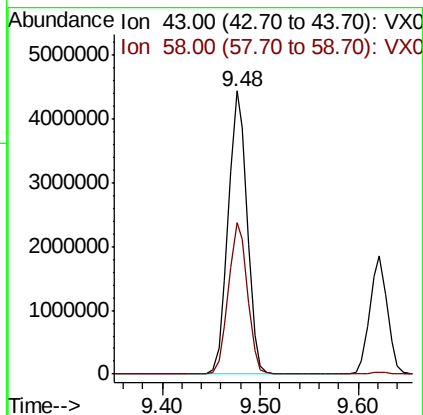
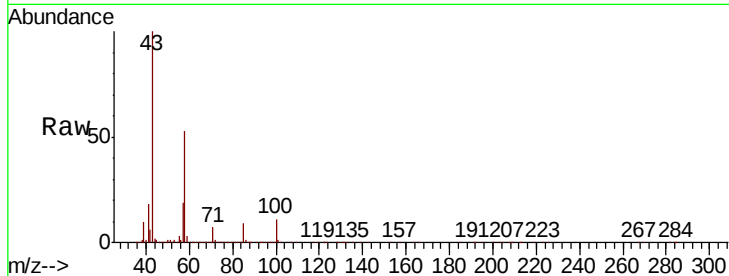




#59
2-Hexanone
Concen: 711.530 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

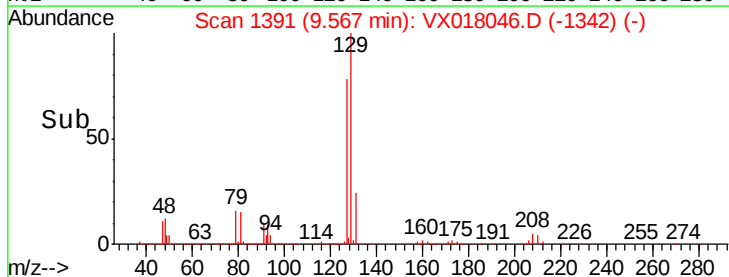
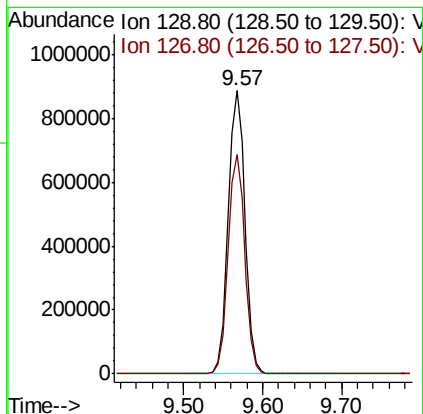
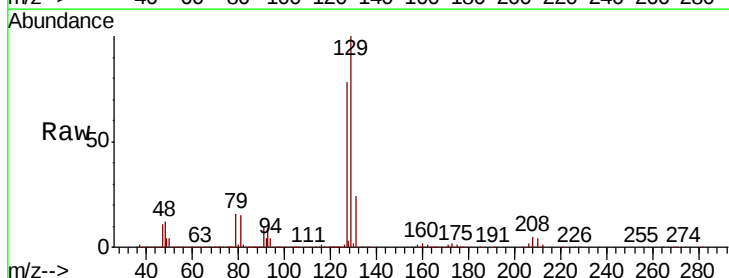
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

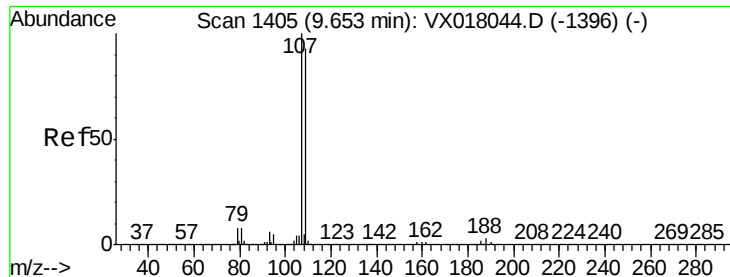
Tot Ion: 43 Resp: 5964723
Ion Ratio Lower Upper
43 100
58 53.6 26.6 79.7



#60
Dibromochloromethane
Concen: 170.993 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

Tgt Ion: 129 Resp: 1304124
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.6





#61

1,2-Dibromoethane

Concen: 155.106 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

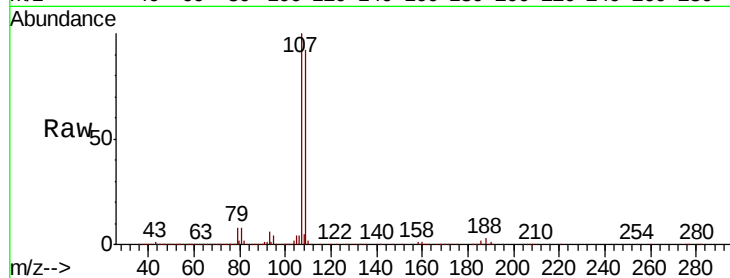
VSTDIC150

Tot Ion:107 Resp: 1150280

Ion Ratio Lower Upper

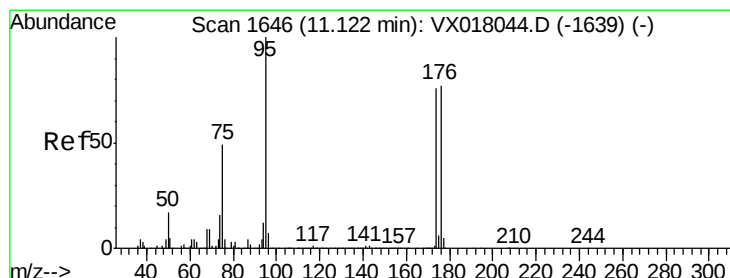
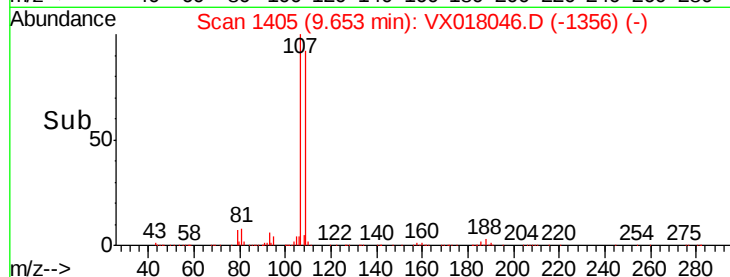
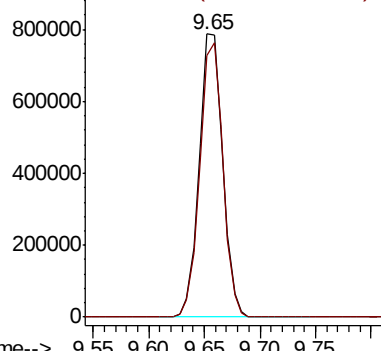
107 100

109 95.5 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 160.534 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

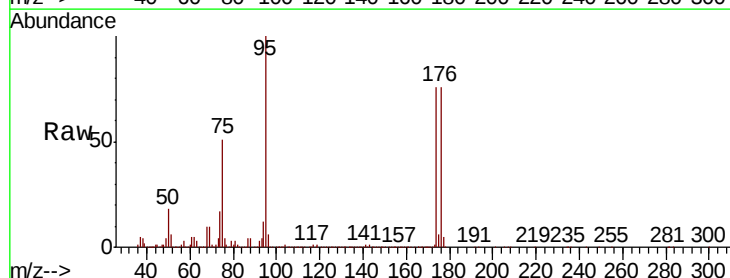
Tgt Ion: 95 Resp: 1468626

Ion Ratio Lower Upper

95 100

174 78.4 0.0 160.2

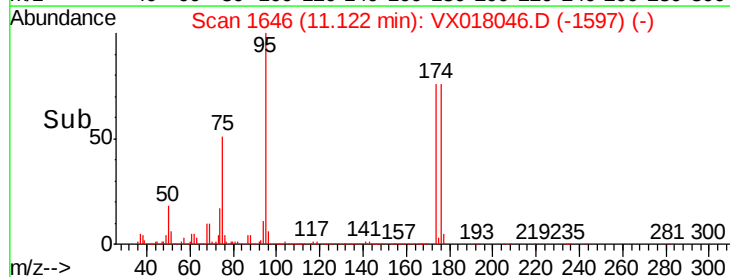
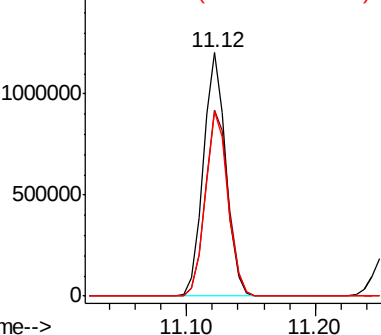
176 75.8 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

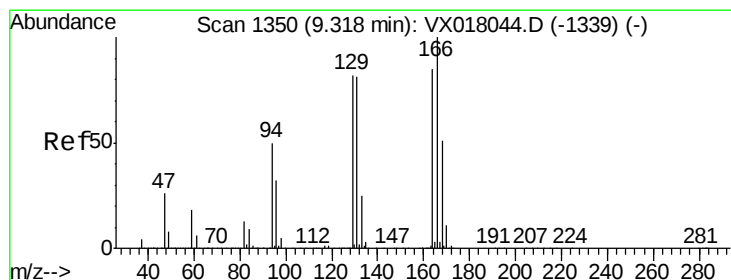
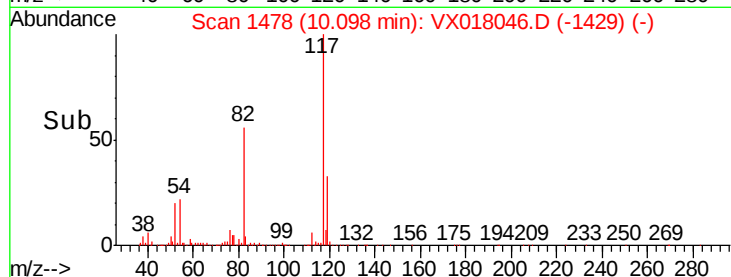
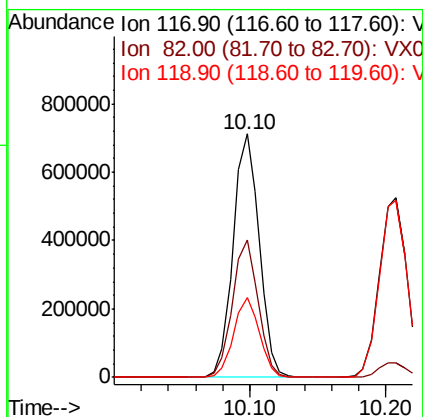
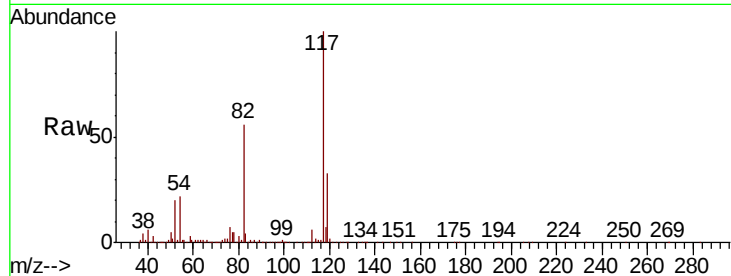




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

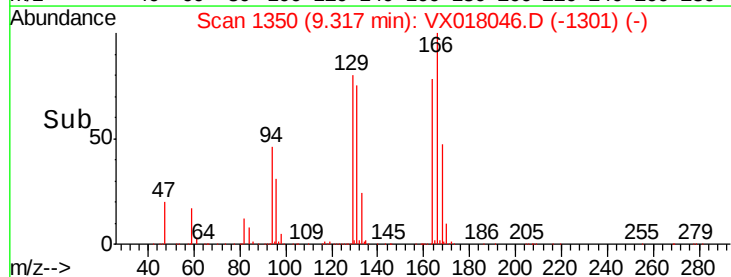
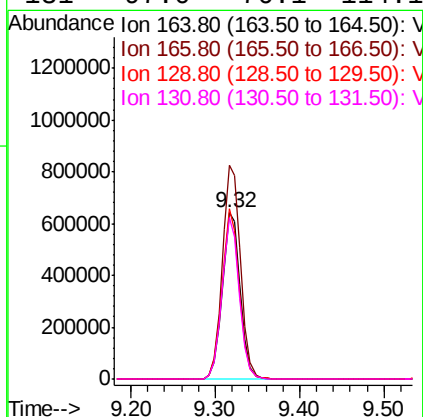
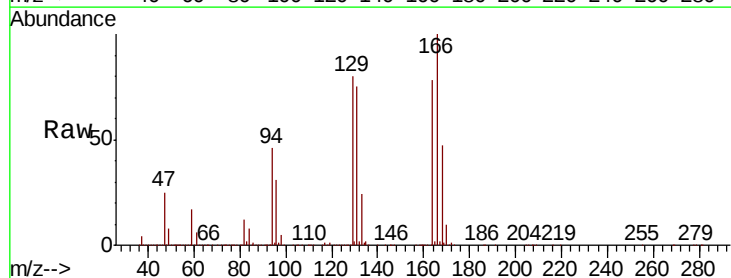
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

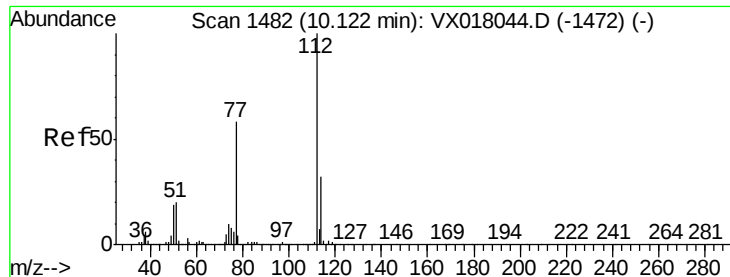
Tot Ion:117 Resp: 950535
Ion Ratio Lower Upper
117 100
82 56.2 44.2 66.2
119 32.9 25.7 38.5



#64
Tetrachloroethene
Concen: 85.718 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

Tgt Ion:164 Resp: 937649
Ion Ratio Lower Upper
164 100
166 128.7 94.2 141.2
129 102.5 76.9 115.3
131 97.0 76.1 114.1

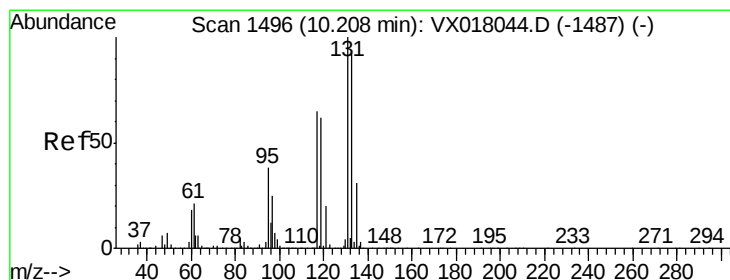
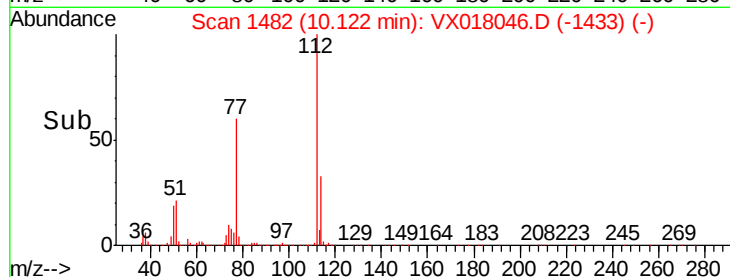
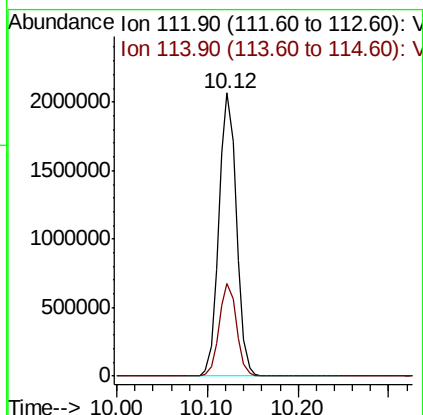
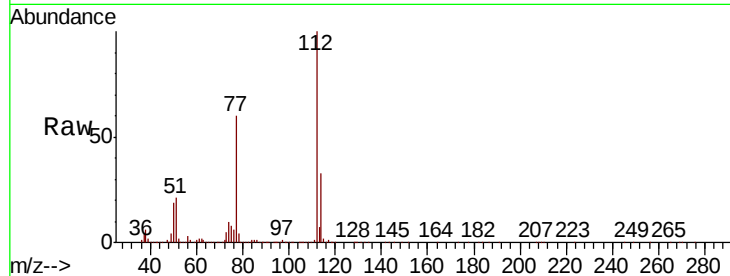




#65
Chlorobenzene
Concen: 141.160 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

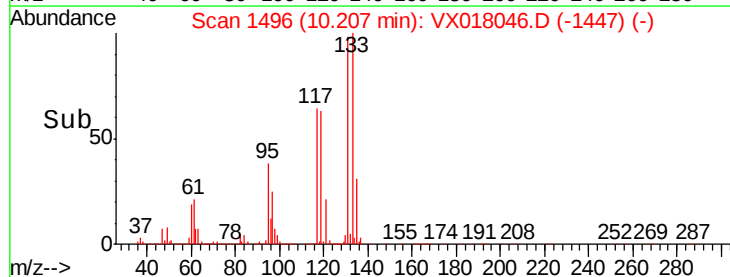
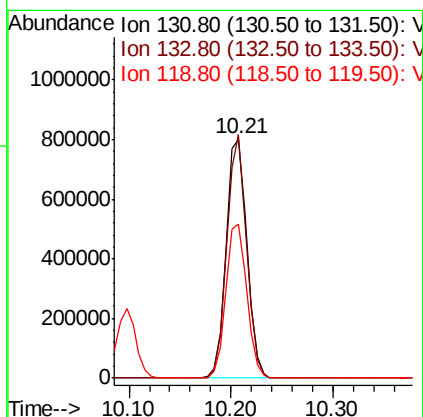
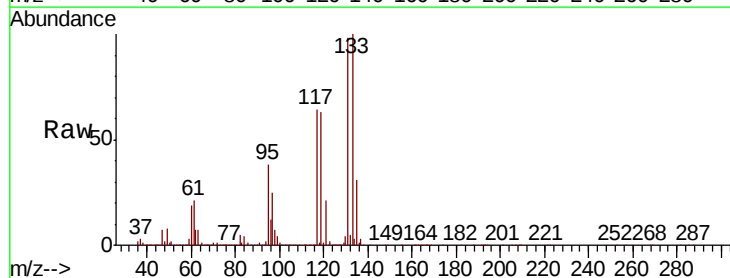
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

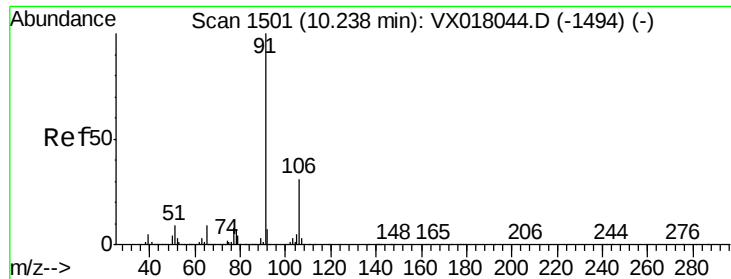
Tot Ion:112 Resp: 2797301
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 151.792 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

Tgt Ion:131 Resp: 1122435
Ion Ratio Lower Upper
131 100
133 96.0 46.7 140.1
119 65.0 31.8 95.4





#67

Ethyl Benzene

Concen: 140.456 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

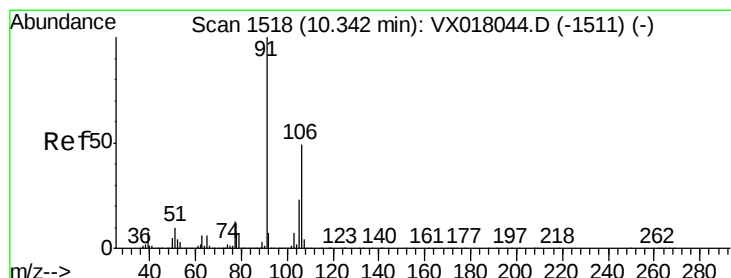
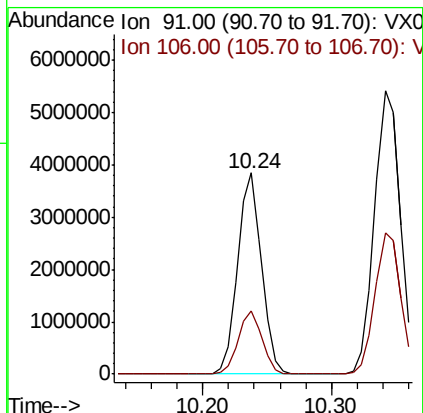
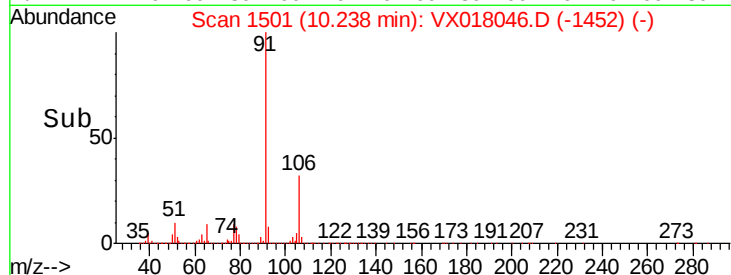
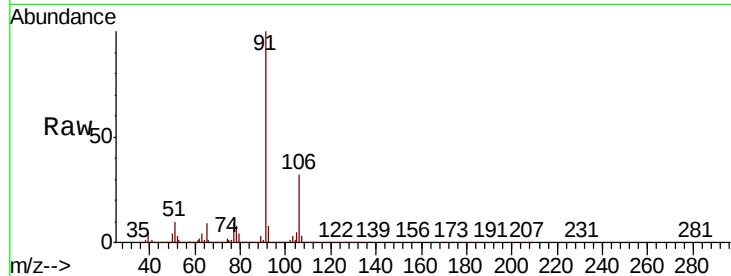
VSTDIC150

Tot Ion: 91 Resp: 4937140

Ion Ratio Lower Upper

91 100

106 31.7 24.9 37.3



#68

m/p-Xylenes

Concen: 280.780 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018046.D

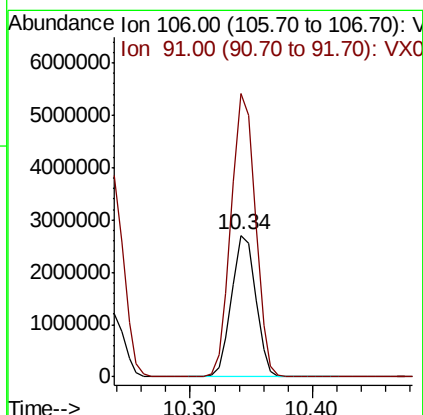
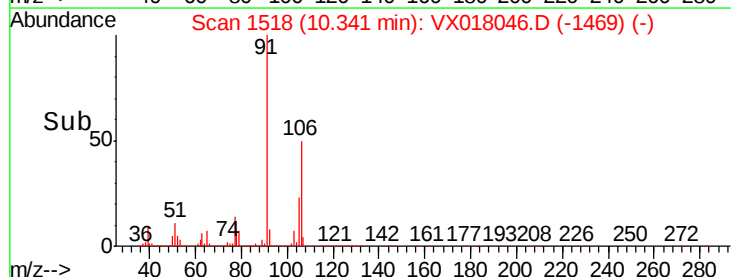
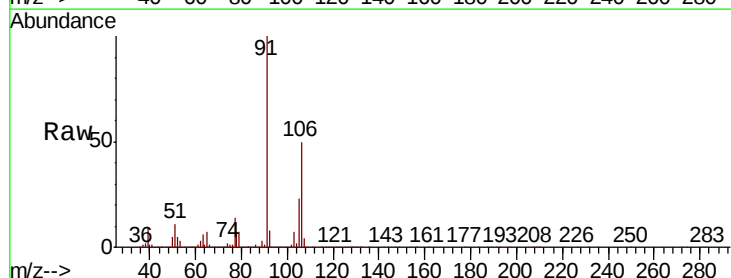
Acq: 20 Aug 2020 20:54

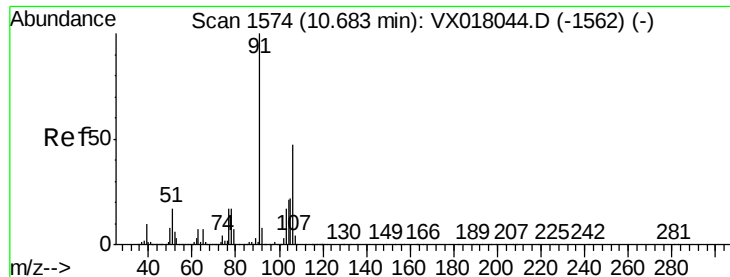
Tgt Ion: 106 Resp: 3699037

Ion Ratio Lower Upper

106 100

91 201.2 162.2 243.2

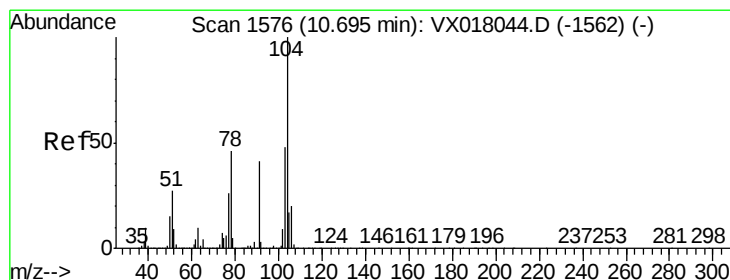
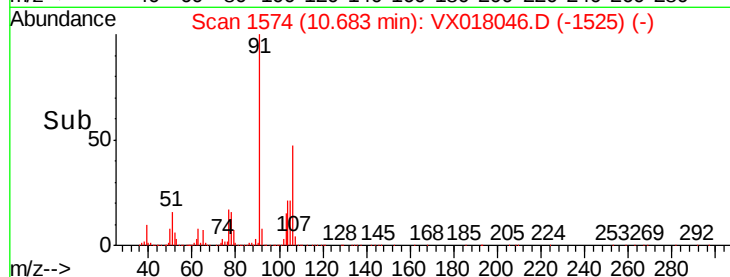
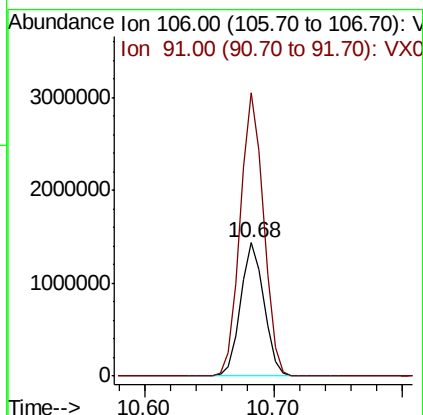
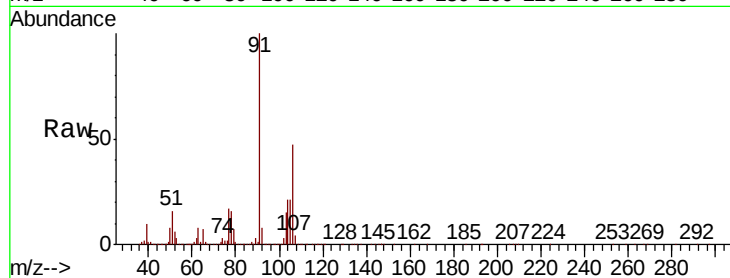




#69
o-Xylene
Concen: 142.715 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

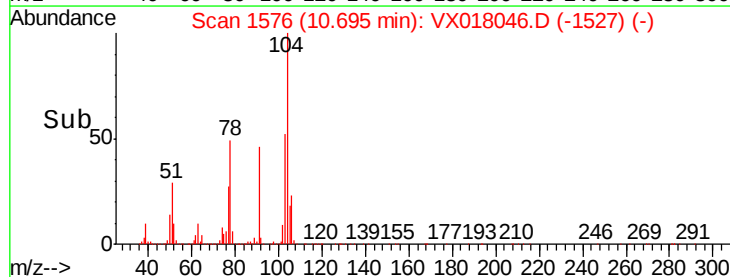
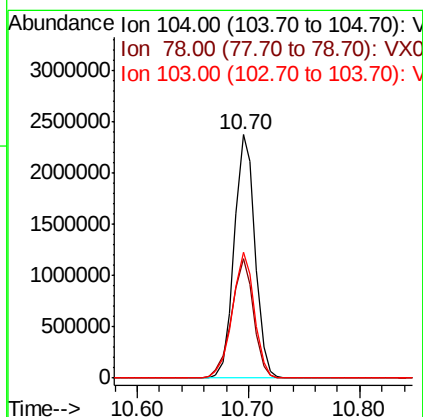
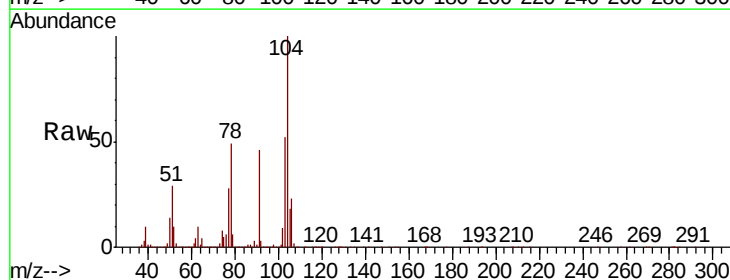
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

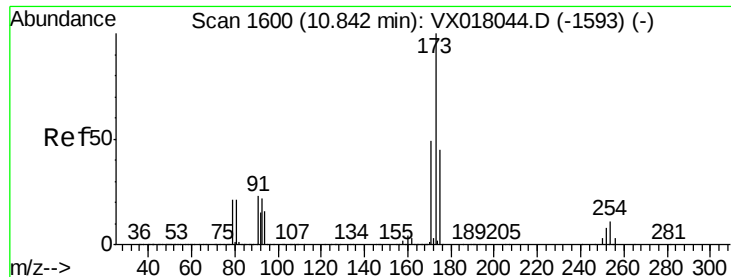
Tot Ion:106 Resp: 1803955
Ion Ratio Lower Upper
106 100
91 212.9 107.1 321.3



#70
Styrene
Concen: 142.277 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

Tgt Ion:104 Resp: 3060711
Ion Ratio Lower Upper
104 100
78 52.0 40.9 61.3
103 54.7 43.6 65.4





#71

Bromoform

Concen: 159.121 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

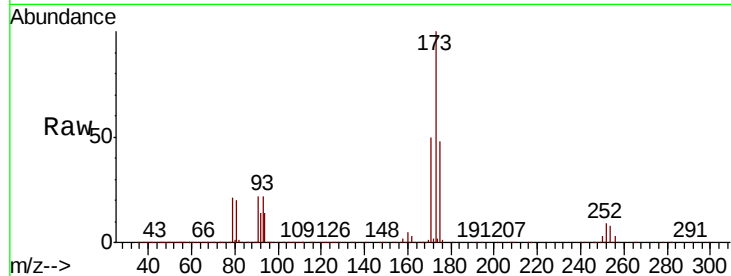
Tot Ion:173 Resp: 962876

Ion Ratio Lower Upper

173 100

175 48.7 23.9 71.8

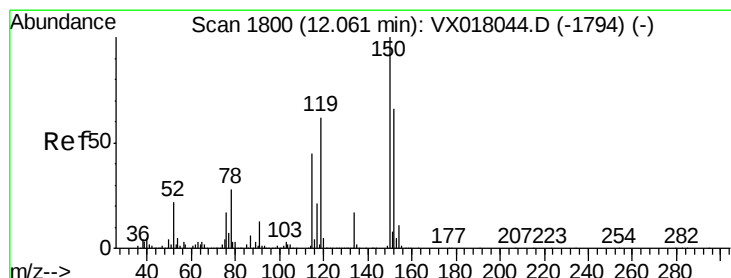
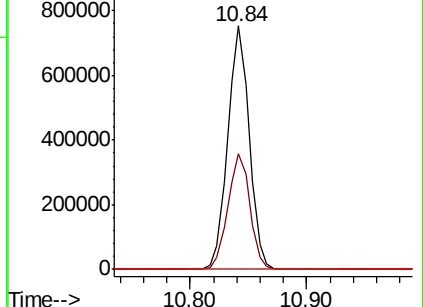
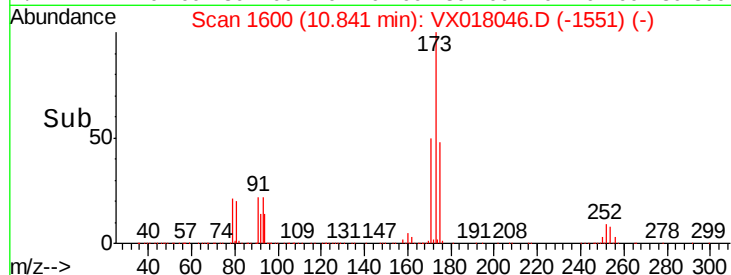
254 0.2 0.2 0.2



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: VX018046.D

Acq: 20 Aug 2020 20:54

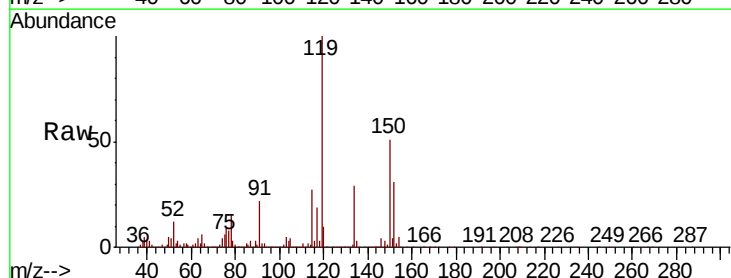
Tgt Ion:152 Resp: 463160

Ion Ratio Lower Upper

152 100

115 126.8 41.5 124.5#

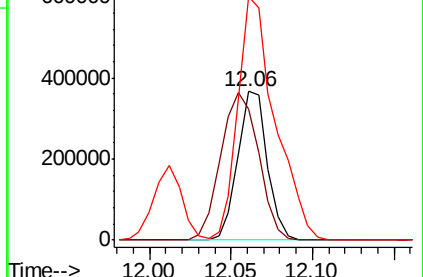
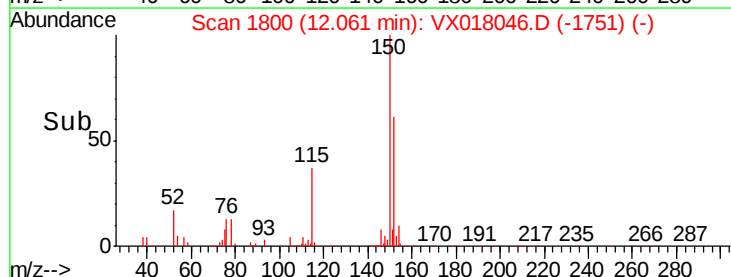
150 207.0 0.0 343.8

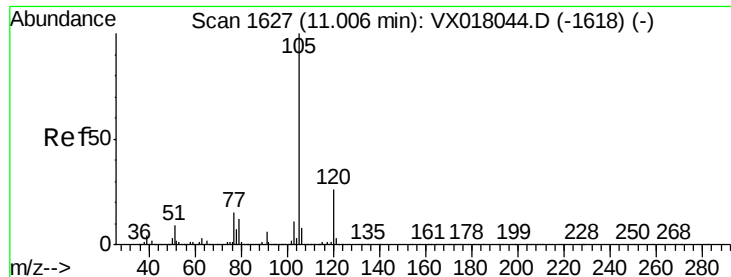


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 139.786 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

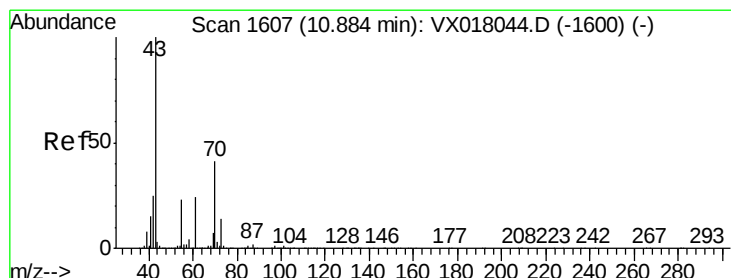
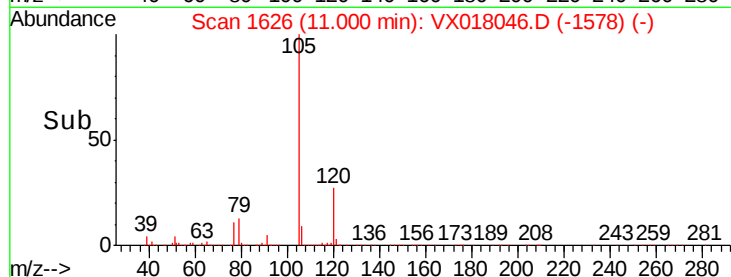
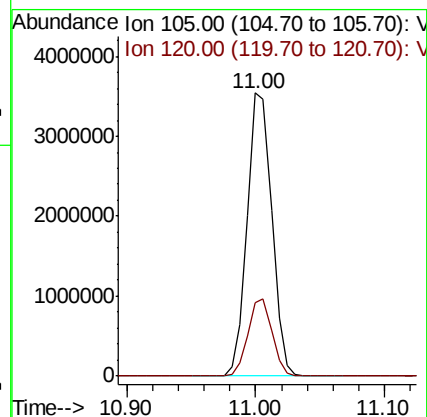
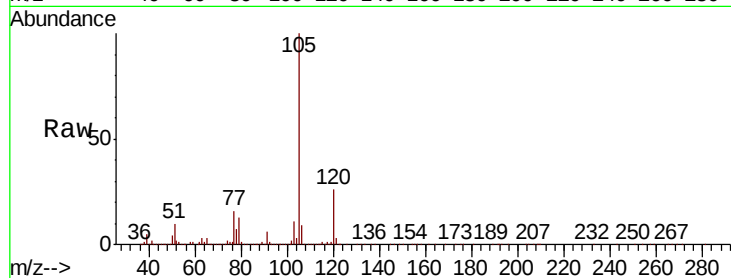
VSTDIC150

Tot Ion:105 Resp: 4664986

Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.5



#74

N-ethyl acetate

Concen: 145.184 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. -0.00 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Tgt Ion: 43 Resp: 2274513

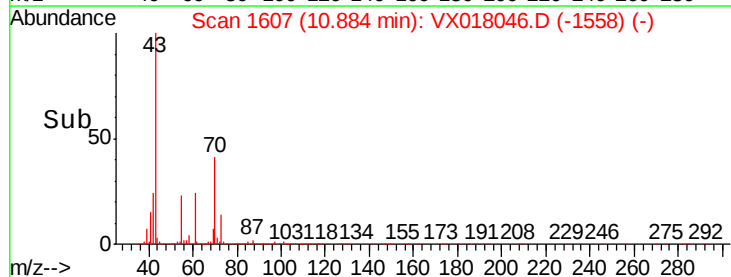
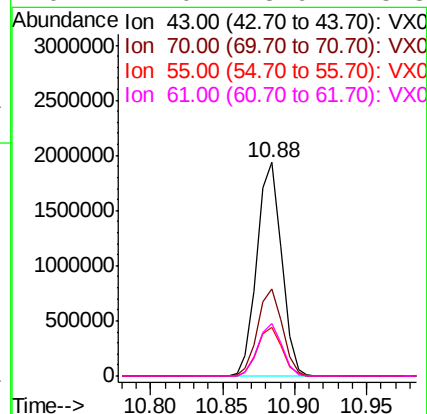
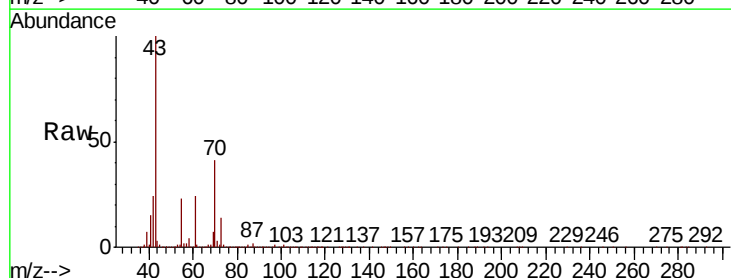
Ion Ratio Lower Upper

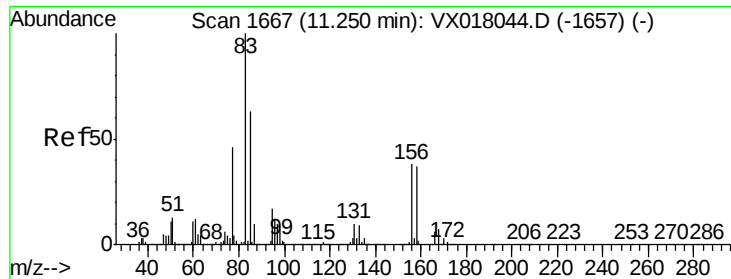
43 100

70 40.8 32.3 48.5

55 22.9 18.2 27.2

61 24.0 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 236.028 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

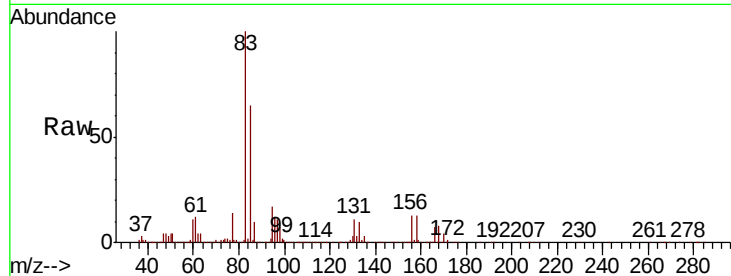
Tot Ion: 83 Resp: 1554833

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.4

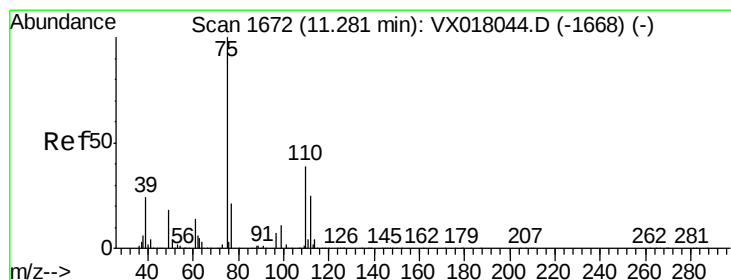
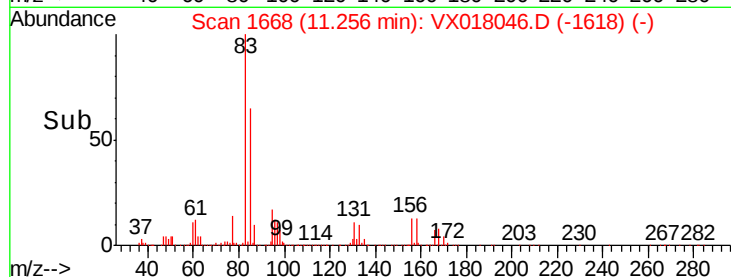
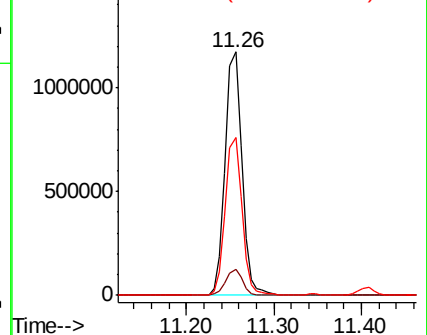
85 64.7 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 186.869 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018046.D

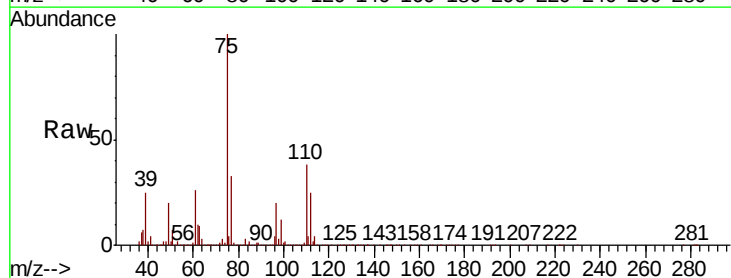
Acq: 20 Aug 2020 20:54

Tgt Ion: 75 Resp: 1950748

Ion Ratio Lower Upper

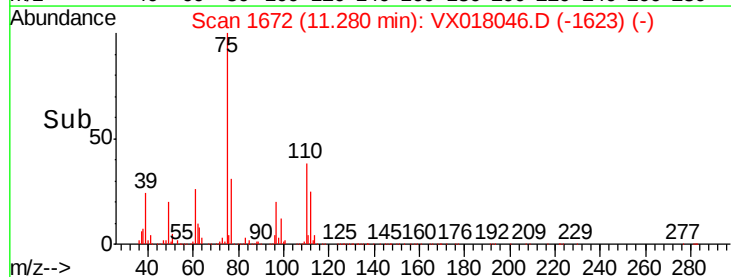
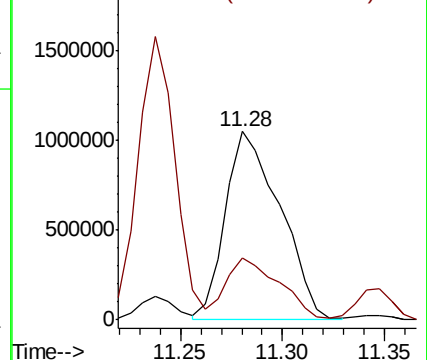
75 100

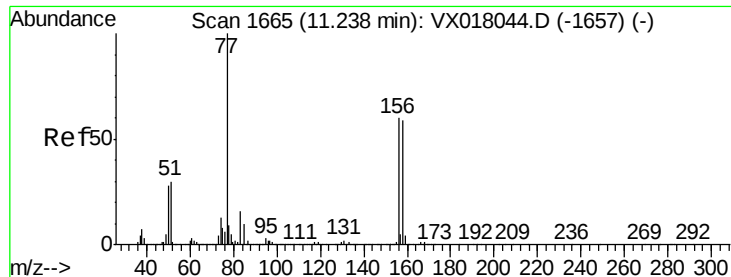
77 32.1 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 142.758 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

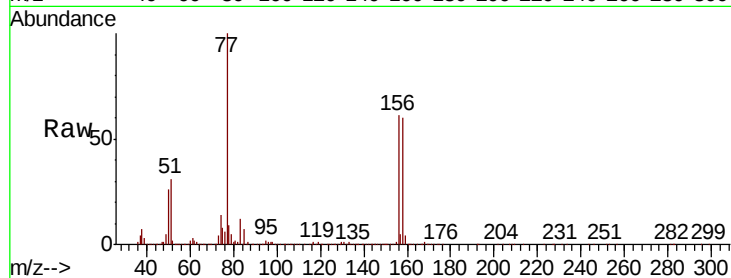
Tot Ion:156 Resp: 1238709

Ion Ratio Lower Upper

156 100

77 160.8 80.0 240.2

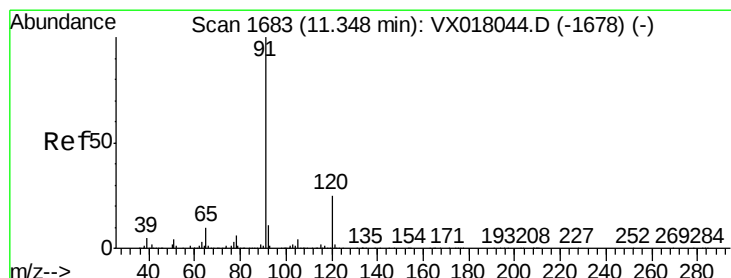
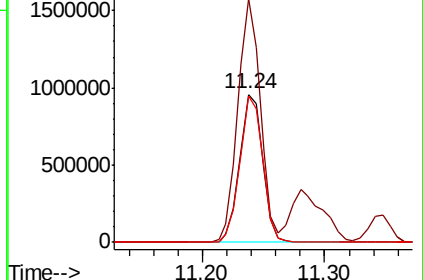
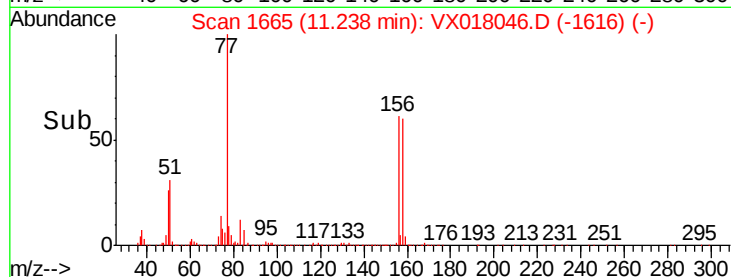
158 98.0 49.5 148.7



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: 140.107 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX018046.D

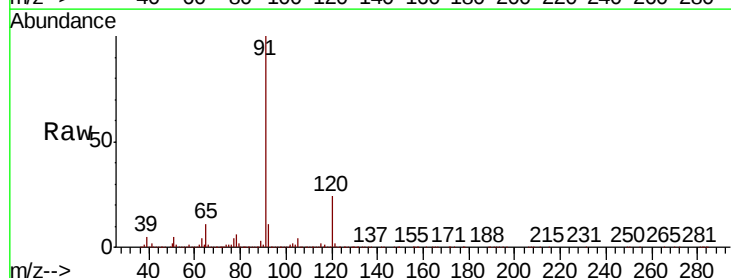
Acq: 20 Aug 2020 20:54

Tgt Ion: 91 Resp: 5426586

Ion Ratio Lower Upper

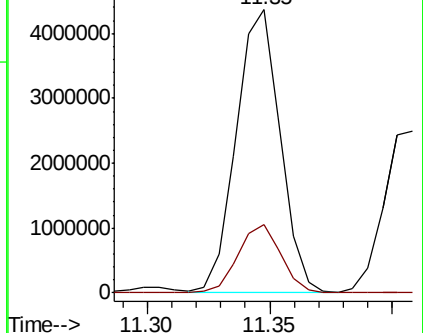
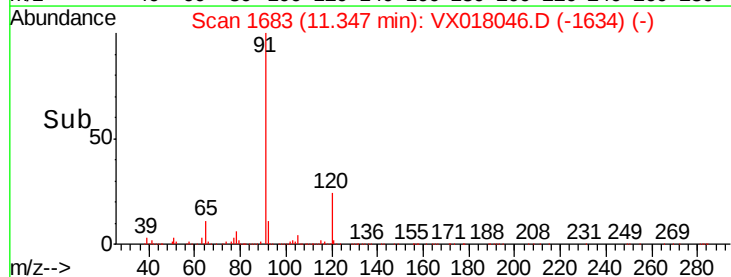
91 100

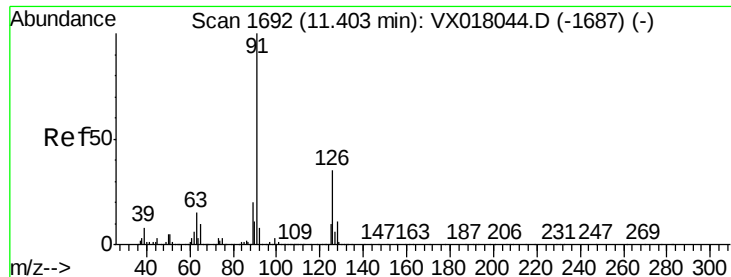
120 23.7 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 141.557 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

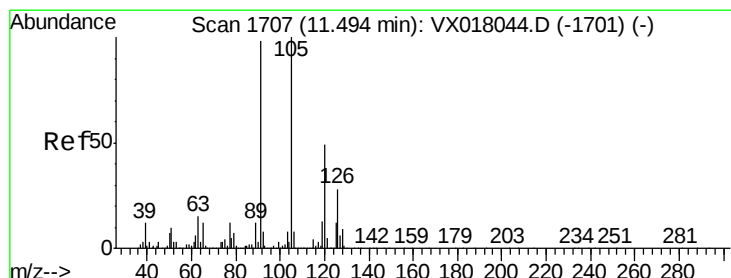
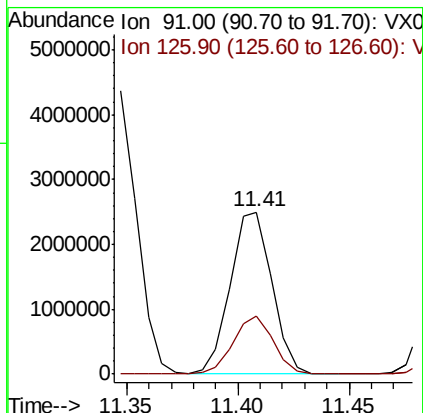
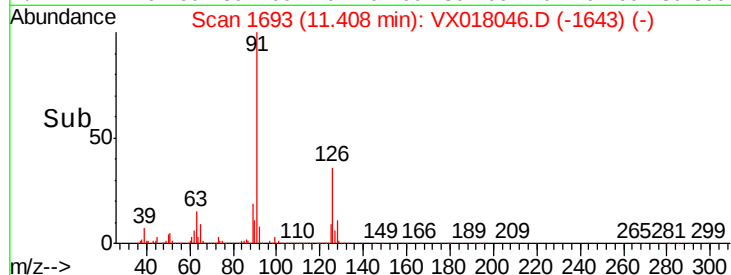
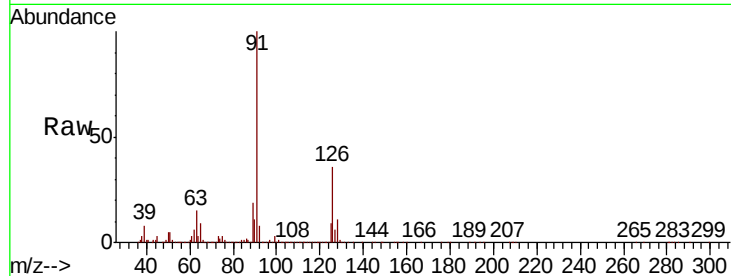
VSTDIC150

Tot Ion: 91 Resp: 3263140

Ion Ratio Lower Upper

91 100

126 34.3 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 140.885 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018046.D

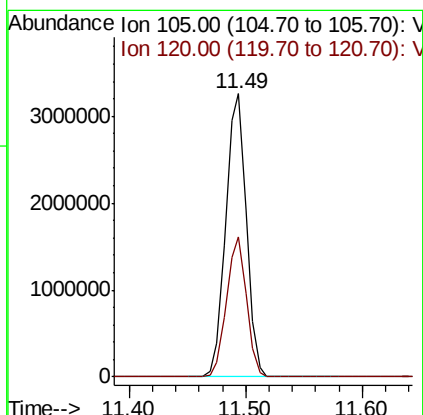
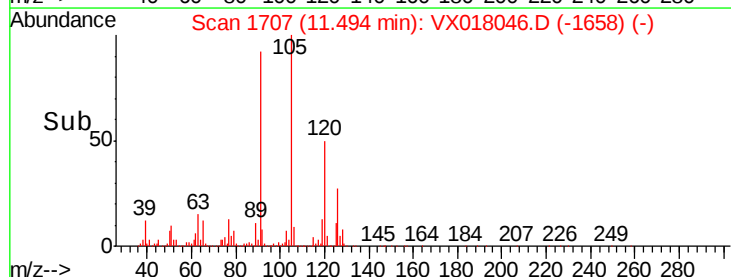
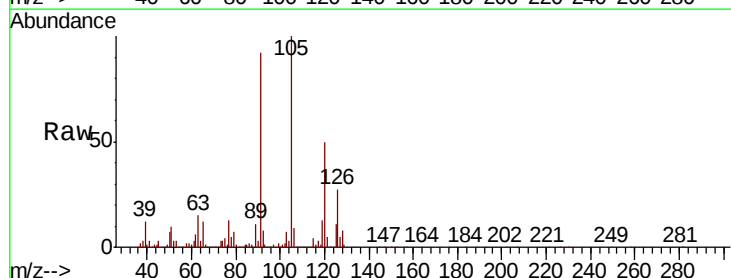
Acq: 20 Aug 2020 20:54

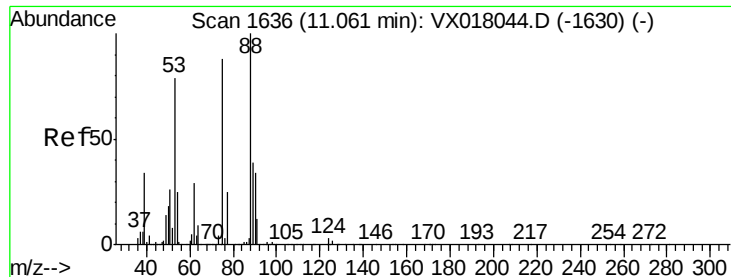
Tgt Ion:105 Resp: 3971612

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 137.460 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

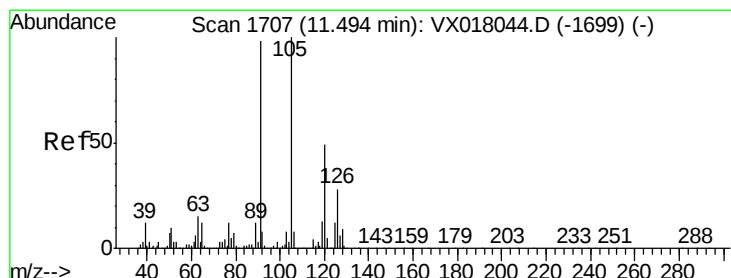
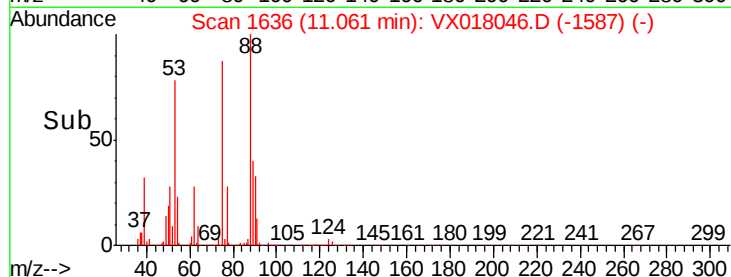
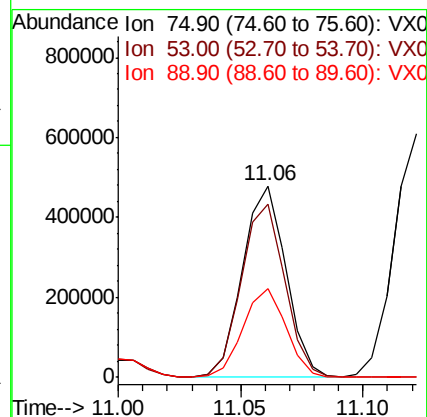
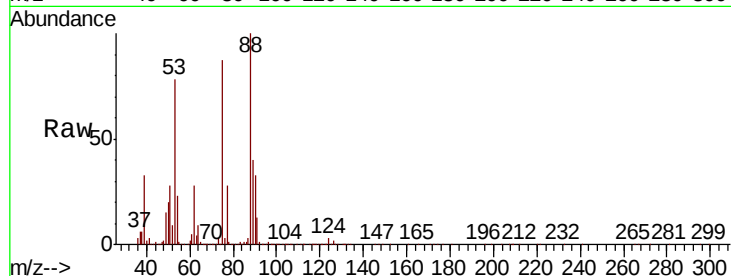
Tot Ion: 75 Resp: 588900

Ion Ratio Lower Upper

75 100

53 90.5 74.7 112.1

89 46.1 36.6 54.8



#82

4-Chlorotoluene

Concen: 141.839 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018046.D

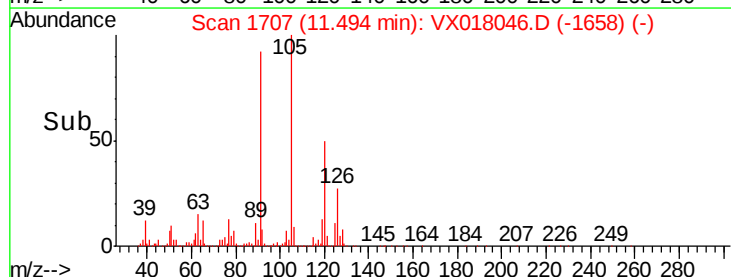
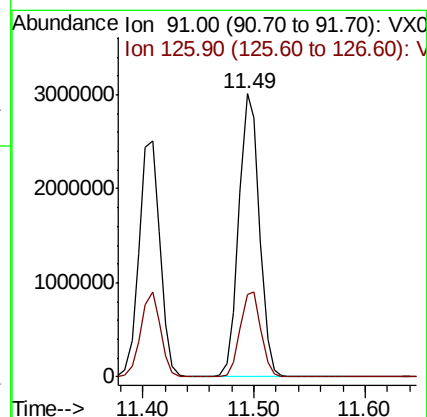
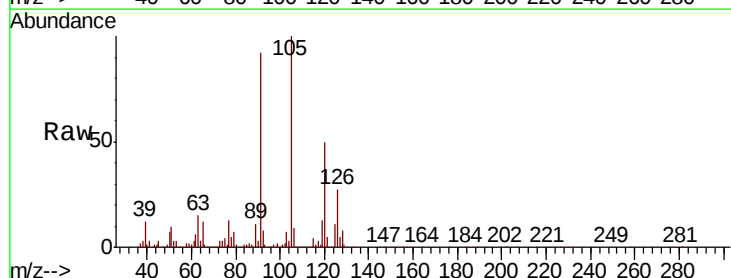
Acq: 20 Aug 2020 20:54

Tgt Ion: 91 Resp: 3855738

Ion Ratio Lower Upper

91 100

126 30.4 15.1 45.3





#83

tert-Butylbenzene

Concen: 155.436 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

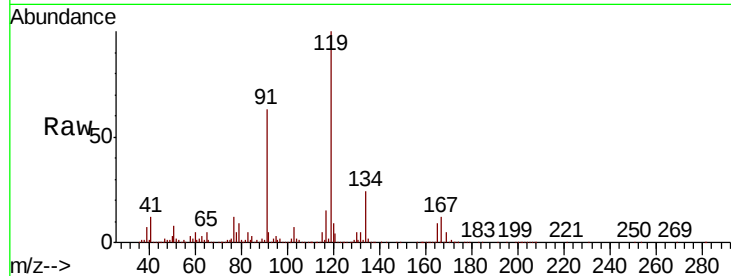
Tot Ion:119 Resp: 3851512

Ion Ratio Lower Upper

119 100

91 59.6 28.2 84.7

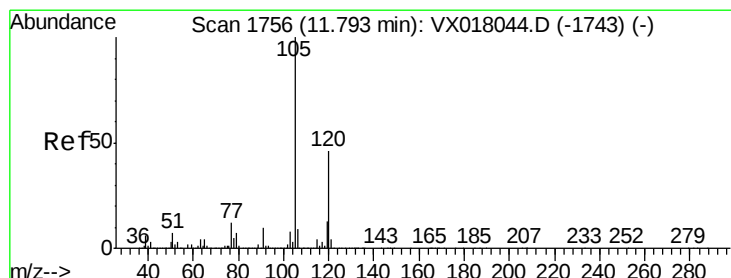
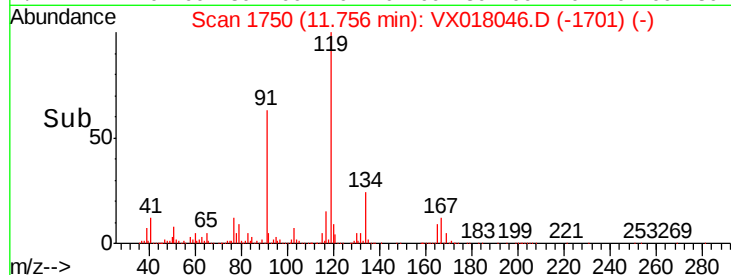
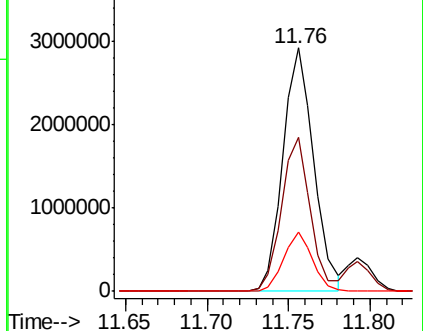
134 22.6 11.3 33.8



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: 140.450 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018046.D

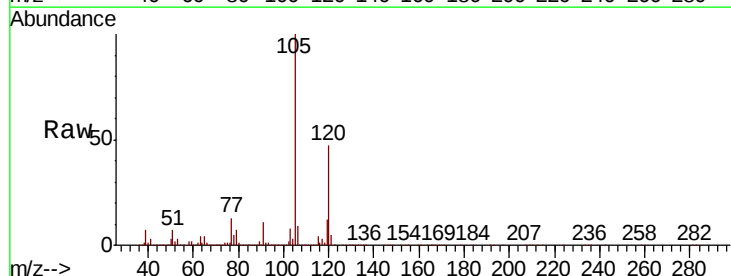
Acq: 20 Aug 2020 20:54

Tgt Ion:105 Resp: 4006587

Ion Ratio Lower Upper

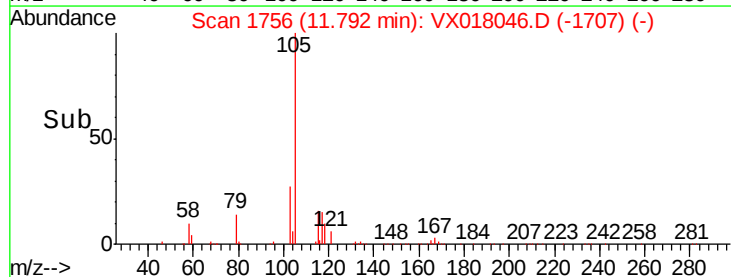
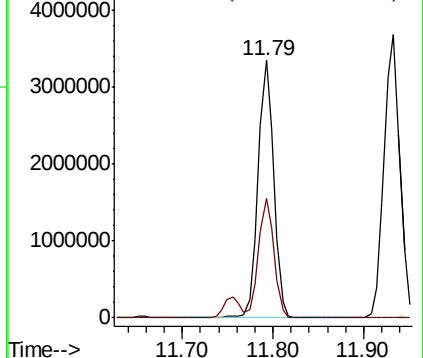
105 100

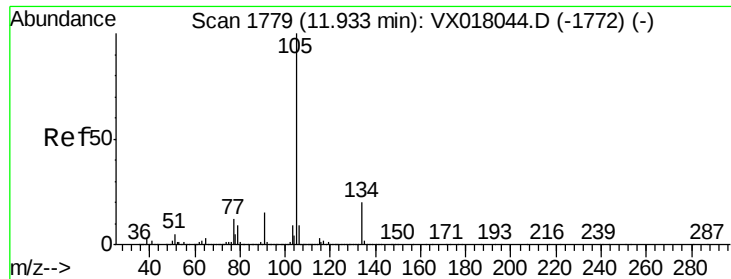
120 45.9 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 137.601 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

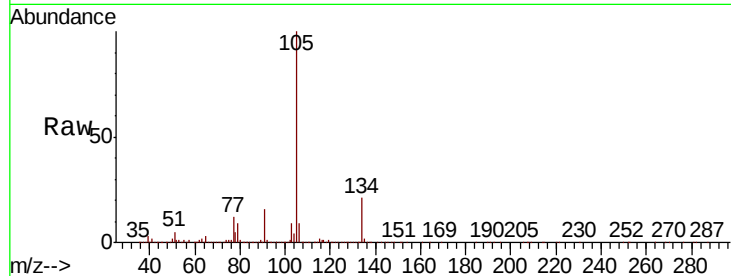
VSTDIC150

Tot Ion:105 Resp: 4484043

Ion Ratio Lower Upper

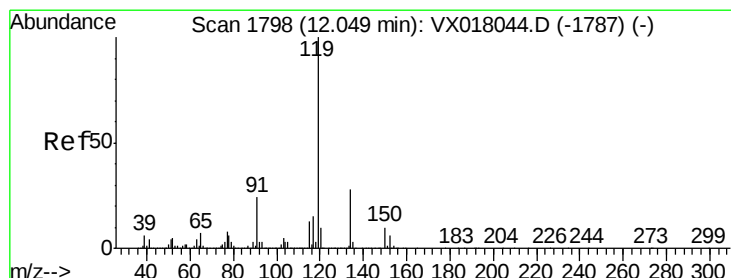
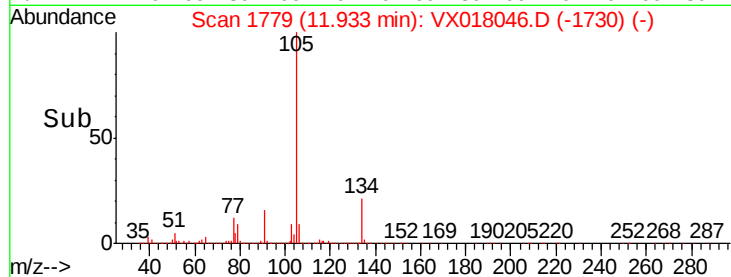
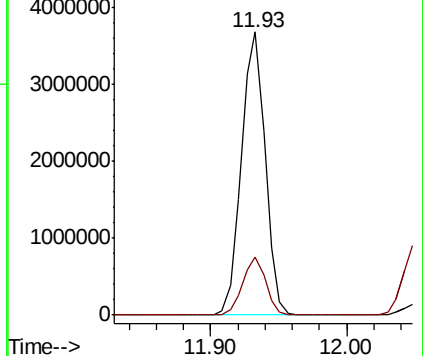
105 100

134 20.2 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: 135.929 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

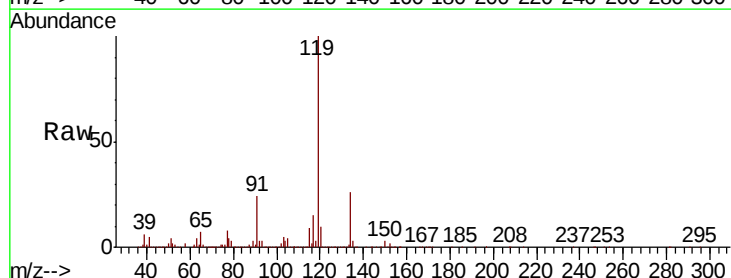
Tgt Ion:119 Resp: 4112086

Ion Ratio Lower Upper

119 100

134 26.2 13.2 39.5

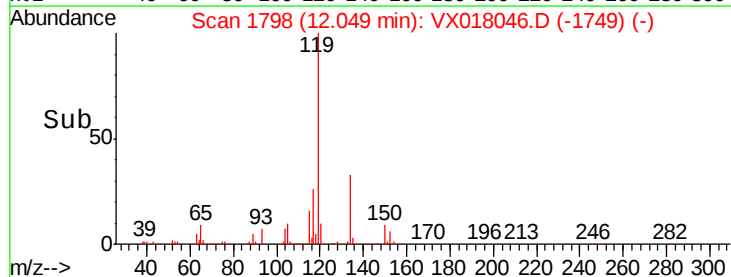
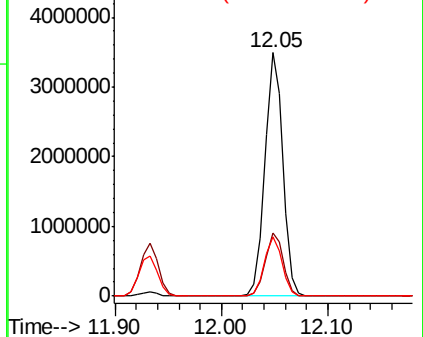
91 24.2 11.8 35.4

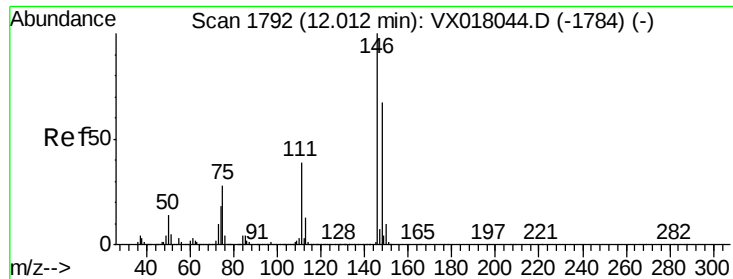


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

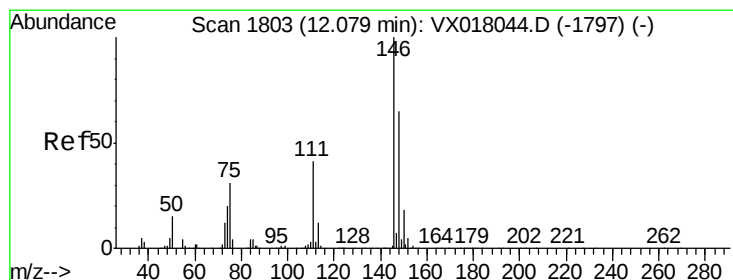
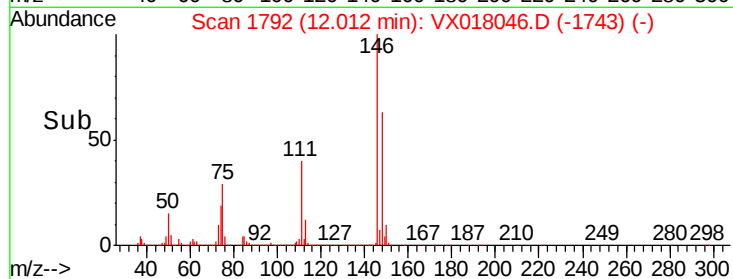
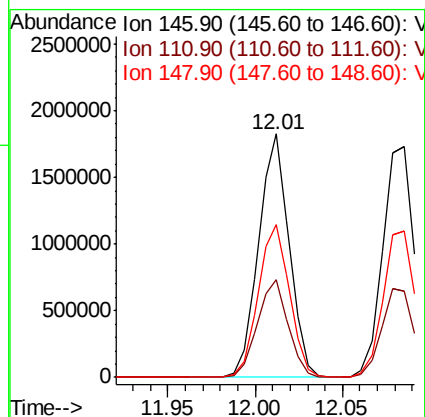
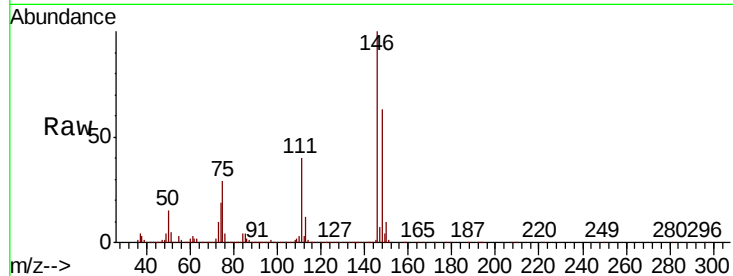




#87
 1,3-Dichlorobenzene
 Concen: 142.245 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018046.D
 Acq: 20 Aug 2020 20:54

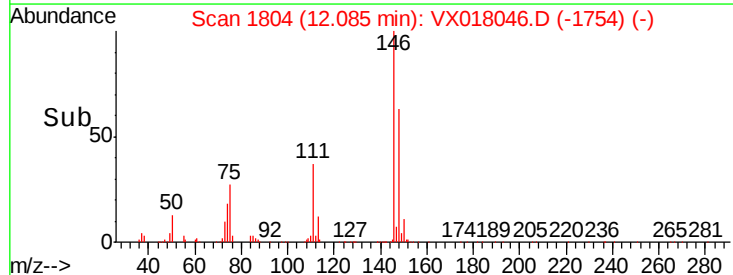
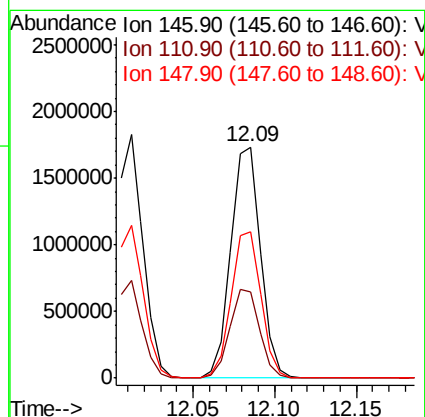
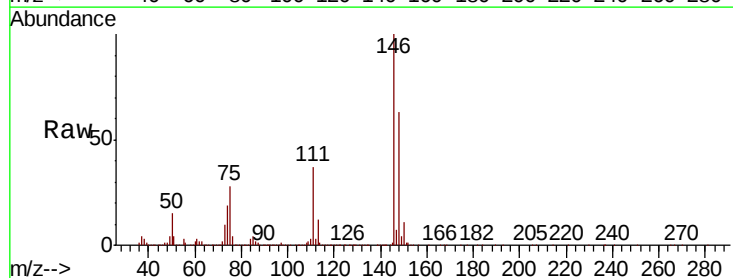
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:146 Resp: 2207806
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.6 61.8
 148 64.1 33.1 99.2



#88
 1,4-Dichlorobenzene
 Concen: 139.428 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX018046.D
 Acq: 20 Aug 2020 20:54

Tgt Ion:146 Resp: 2193842
 Ion Ratio Lower Upper
 146 100
 111 38.4 20.3 60.8
 148 63.5 33.1 99.2

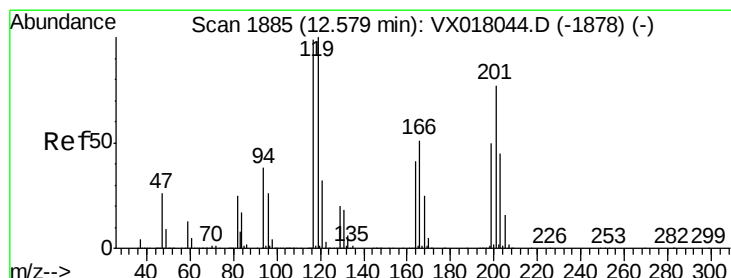
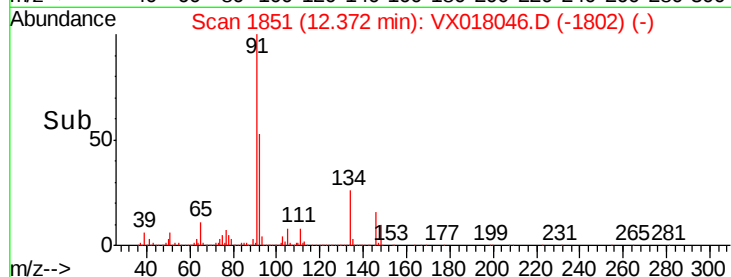
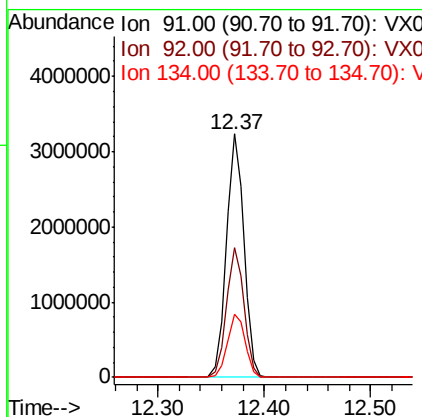
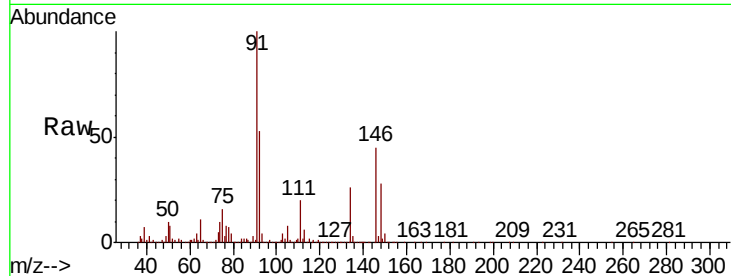




#89
n-Butylbenzene
Concen: 135.220 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

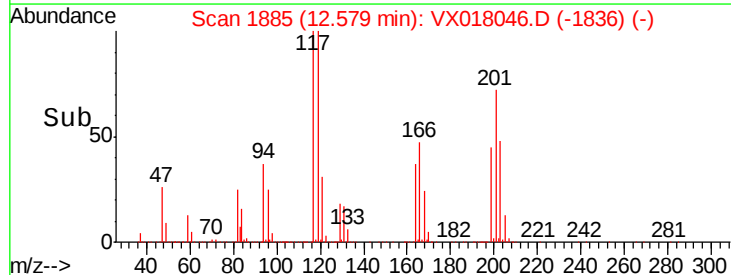
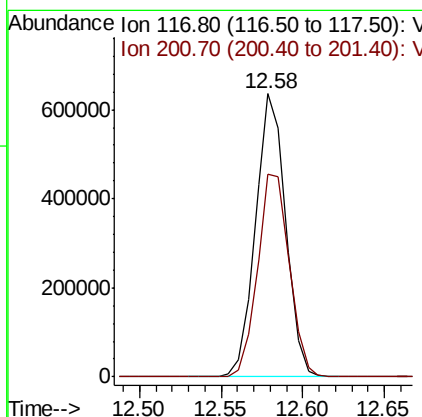
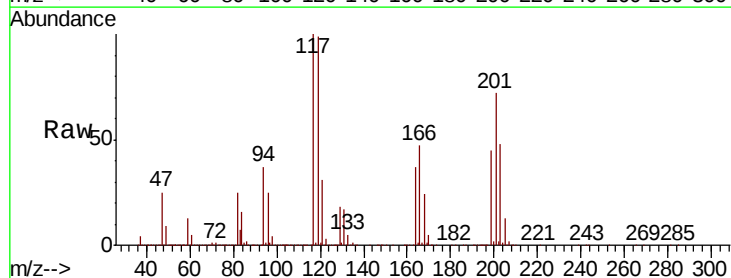
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 3729510
Ion Ratio Lower Upper
91 100
92 53.1 26.4 79.2
134 26.6 12.9 38.7



#90
Hexachloroethane
Concen: 154.475 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018046.D
Acq: 20 Aug 2020 20:54

Tgt Ion: 117 Resp: 813544
Ion Ratio Lower Upper
117 100
201 75.5 38.5 115.3





#91

1,2-Dichlorobenzene

Concen: 138.654 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

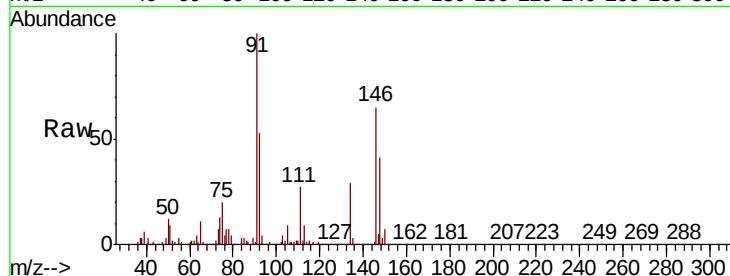
Tot Ion:146 Resp: 2077536

Ion Ratio Lower Upper

146 100

111 42.0 20.8 62.5

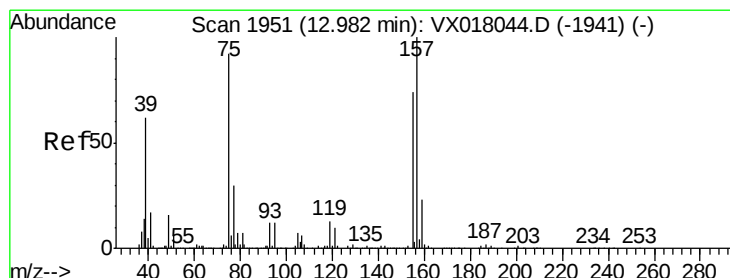
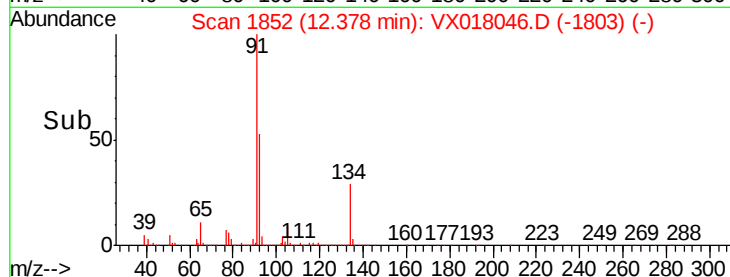
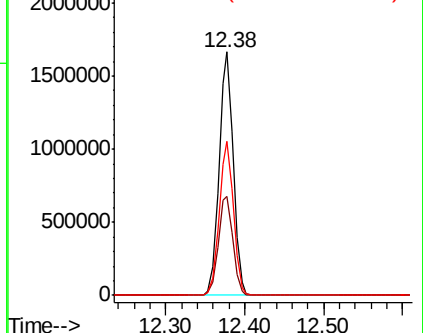
148 63.5 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 148.053 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

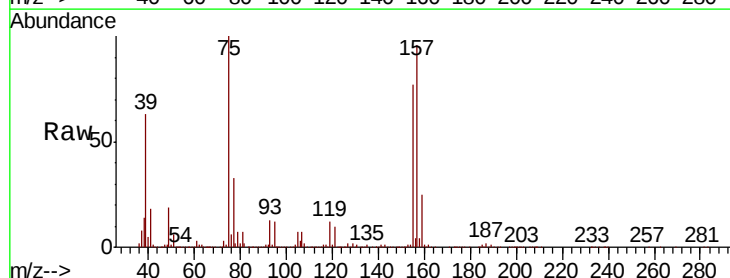
Tgt Ion: 75 Resp: 408042

Ion Ratio Lower Upper

75 100

155 83.1 40.2 120.6

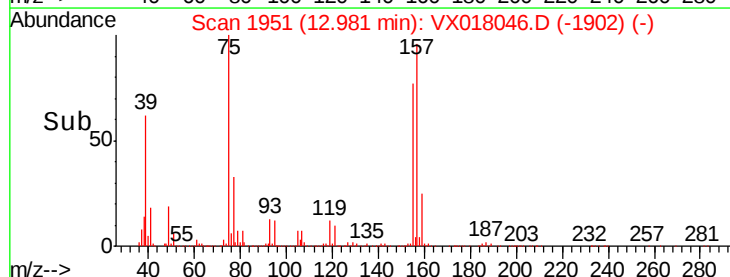
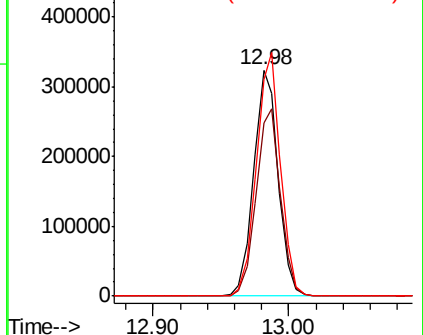
157 106.6 55.0 165.2

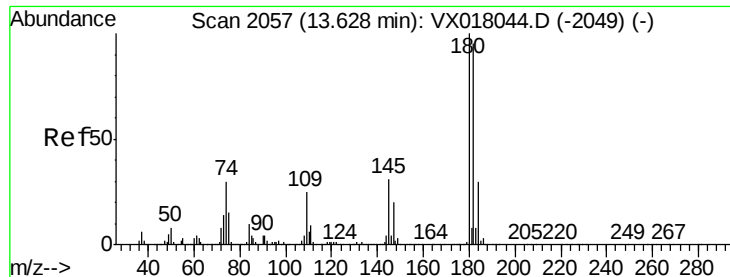


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

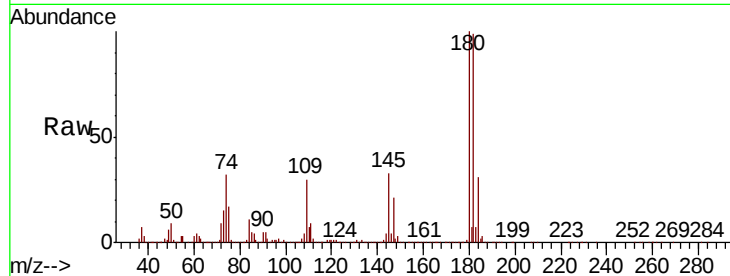




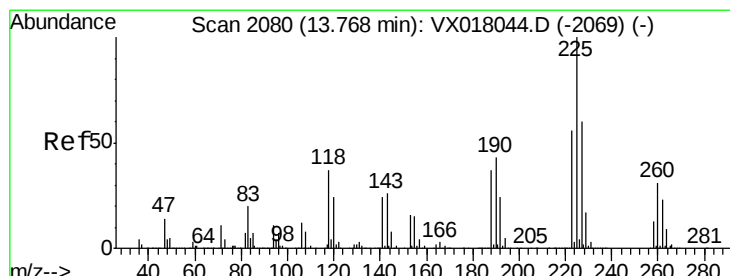
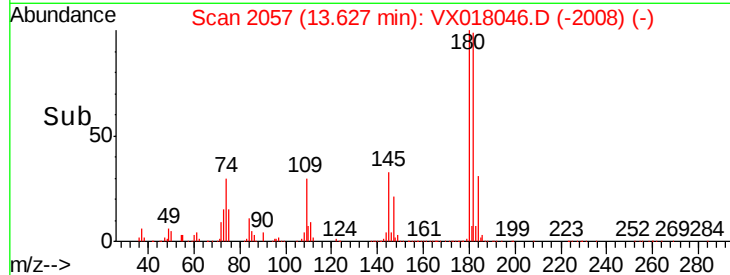
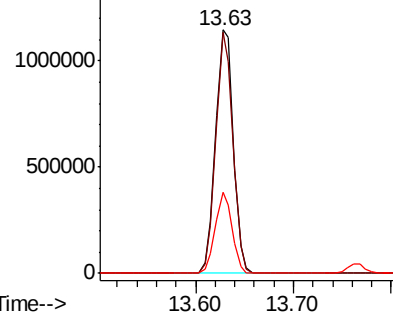
#93
 1,2,4-Trichlorobenzene
 Concen: 131.891 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018046.D
 Acq: 20 Aug 2020 20:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:180 Resp: 1443764
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.5 142.6
 145 31.9 15.7 47.1

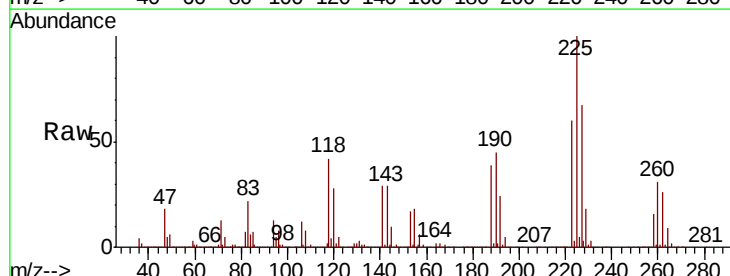


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

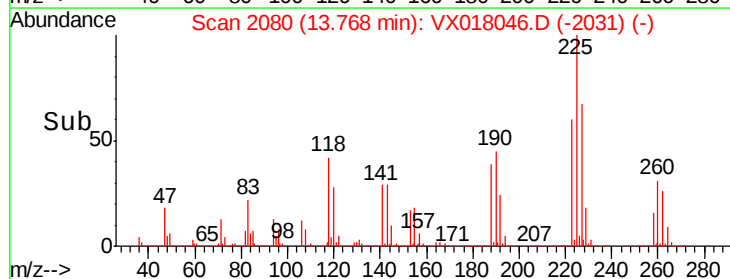
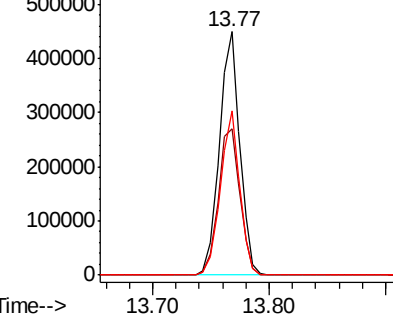


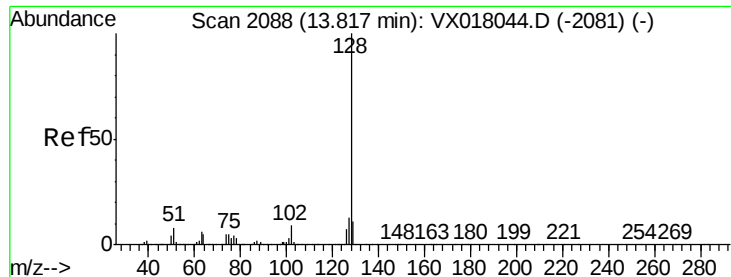
#94
 Hexachlorobutadiene
 Concen: 110.063 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018046.D
 Acq: 20 Aug 2020 20:54

Tgt Ion:225 Resp: 544622
 Ion Ratio Lower Upper
 225 100
 223 63.6 30.7 92.1
 227 64.1 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: 137.131 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

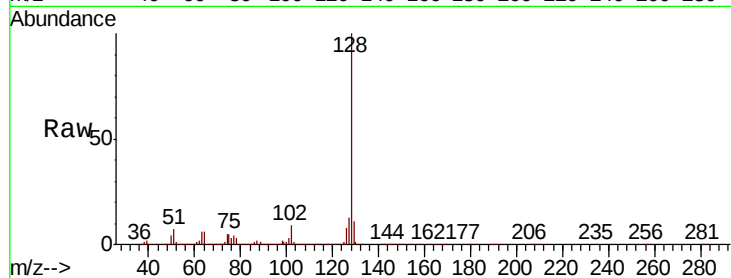
Tot Ion:128 Resp: 4862323

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

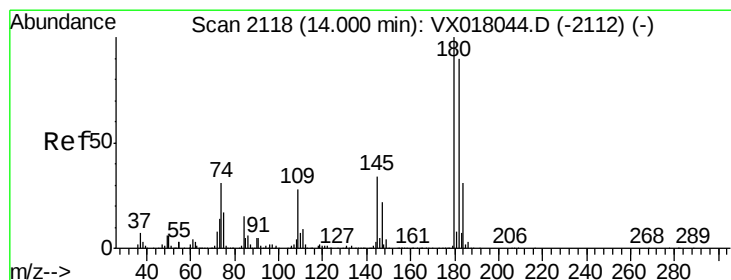
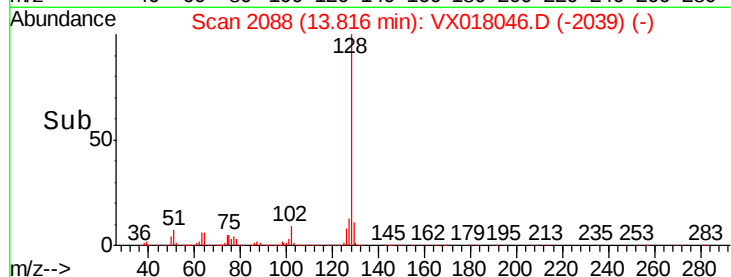
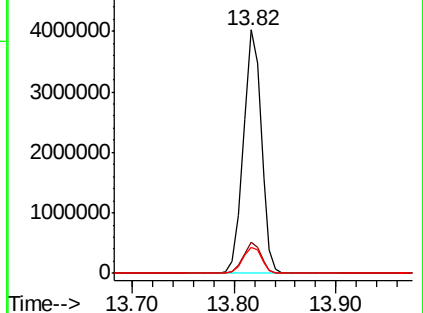
129 11.2 8.7 13.1



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: 136.648 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018046.D

Acq: 20 Aug 2020 20:54

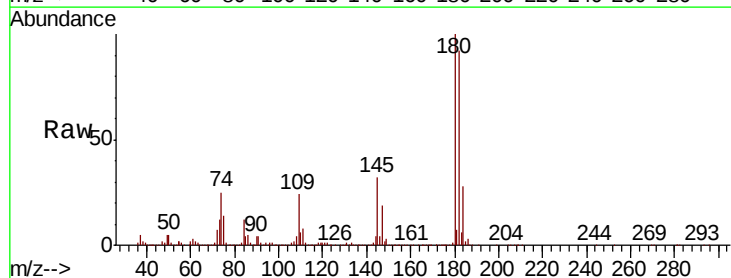
Tgt Ion:180 Resp: 1452964

Ion Ratio Lower Upper

180 100

182 91.4 47.3 142.0

145 32.9 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

