

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091820\
 Data File : VX018506.D
 Acq On : 18 Sep 2020 20:27
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Sep 19 01:53:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.99	128	100163	30.00	ug/l	0.01
28) 1,4-Difluorobenzene	6.84	114	524150	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	497212	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	233789	29.59	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.63%
60) 4-Bromofluorobenzene	11.12	95	251958	29.24	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.47%
63) Toluene-d8	8.70	98	643598	29.37	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.90%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	80575	15.202	ug/l 97
3) Chloromethane	1.31	50	85980	15.272	ug/l 95
4) Vinyl Chloride	1.39	62	97232	16.402	ug/l 95
5) Bromomethane	1.64	94	50782	12.590	ug/l 99
6) Chloroethane	1.72	64	61900	17.180	ug/l 92
7) Trichlorofluoromethane	1.92	101	154815	15.410	ug/l 96
8) Diethyl Ether	2.17	74	52137	16.461	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	81361	15.851	ug/l 99
10) 1,1-Dichloroethene	2.36	96	84343	16.739	ug/l 98
11) Methyl Iodide	2.49	142	59882	15.403	ug/l 94
12) Methyl Acetate	2.75	43	120841	18.219	ug/l 98
13) Acrolein	2.28	56	36701	68.565	ug/l 94
14) Acrylonitrile	3.12	53	247622	82.395	ug/l 99
15) Acetone	2.42	58	65528	80.195	ug/l 92
16) Carbon Disulfide	2.55	76	236933	16.149	ug/l 97
17) Allyl chloride	2.71	41	148905	16.534	ug/l 98
18) Methylene Chloride	2.84	84	93816	15.864	ug/l 93
19) trans-1,2-Dichloroethene	3.14	96	91249	16.311	ug/l 100
20) Diisopropyl ether	3.82	45	310258	17.402	ug/l 90
21) 1,1-Dichloroethane	3.67	63	166633	16.283	ug/l 98
22) cis-1,2-Dichloroethene	4.57	96	104496	16.882	ug/l 99
23) tert-Butyl Alcohol	3.01	59	115328	88.554	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	291922	16.296	ug/l 100
25) Chloroform	5.18	83	175477	16.067	ug/l 93
26) Cyclohexane	5.55	56	136130	16.481	ug/l # 50
29) 1,1-Dichloropropene	5.77	75	127562	15.943	ug/l 100
30) 2-Butanone	4.64	43	356194	81.306	ug/l 99
31) 2,2-Dichloropropane	4.55	77	134845	13.953	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	165302	15.784	ug/l 98
33) Carbon Tetrachloride	5.76	117	150377	15.410	ug/l 97
34) Benzene	6.12	78	364652	15.966	ug/l 100
35) Methacrylonitrile	5.01	41	76849	16.645	ug/l 92
36) 1,2-Dichloroethane	6.17	62	150837	15.958	ug/l # 100
37) Trichloroethene	7.19	130	107846	16.330	ug/l 97
38) Methylcyclohexane	7.44	83	136093	15.969	ug/l 99
39) 1,2-Dichloropropane	7.49	63	97548	15.947	ug/l 97
40) Dibromomethane	7.63	93	70342	15.924	ug/l 97

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.88	83	146153	15.964	ug/l	94
42) Vinyl Acetate	3.79	43	1333081	81.561	ug/l	100
43) Ethyl Acetate	4.79	43	137341	15.766	ug/l	98
44) Isopropyl Acetate	6.42	43	228501	16.276	ug/l	96
45) 1,4-Dioxane	7.71	88	34297	292.428	ug/l #	90
46) Methyl methacrylate	7.74	41	110840	16.042	ug/l	97
47) n-amyl Acetate	10.88	43	194304	15.751	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	155020	15.763	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	166529	16.119	ug/l	97
50) 1,1,2-Trichloroethane	9.20	97	95986	15.594	ug/l	93
51) Ethyl methacrylate	9.16	69	144508	16.207	ug/l	98
52) 1,3-Dichloropropane	9.35	76	165301	16.179	ug/l	98
53) Dibromochloromethane	9.56	129	118271	15.453	ug/l	99
54) 1,2-Dibromoethane	9.65	107	106275	15.739	ug/l	97
55) 2-Chloroethyl vinyl ether	8.29	63	393250	84.456	ug/l	99
56) Bromoform	10.84	173	91385	15.715	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	711706	83.222	ug/l	99
59) 2-Hexanone	9.47	43	532558	82.216	ug/l	99
61) Tetrachloroethene	9.32	164	95747	15.440	ug/l	91
62) Toluene	8.76	91	409207	16.353	ug/l	98
64) Chlorobenzene	10.12	112	266207	16.555	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	102809	15.787	ug/l	99
66) Ethyl Benzene	10.24	91	446419	16.146	ug/l	97
67) m/p-Xylenes	10.34	106	344488	32.579	ug/l	98
68) o-Xylene	10.68	106	162378	16.252	ug/l	99
69) Styrene	10.70	104	281754	16.164	ug/l	99
70) Isopropylbenzene	11.01	105	442719	15.934	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	149988	16.519	ug/l	97
72) 1,2,3-Trichloropropane	11.28	75	171038	19.607	ug/l	89
73) Bromobenzene	11.24	156	125428	16.478	ug/l	98
74) n-propylbenzene	11.34	91	519721	15.886	ug/l	98
75) 2-Chlorotoluene	11.40	91	308077	15.537	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	382409	15.799	ug/l	99
77) t-1,4-Dichloro-2-butene	11.05	75	47319	13.958	ug/l	95
78) 4-Chlorotoluene	11.49	91	374994	15.853	ug/l	99
79) tert-butylbenzene	11.76	119	374463	16.060	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	384298	16.053	ug/l	98
81) sec-Butylbenzene	11.93	105	424993	15.605	ug/l	98
82) p-Isopropyltoluene	12.05	119	395117	15.560	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	216219	15.887	ug/l	100
84) 1,4-Dichlorobenzene	12.08	146	222631	16.360	ug/l	99
85) n-Butylbenzene	12.37	91	346095	15.481	ug/l	99
86) Hexachloroethane	12.58	117	73721	14.745	ug/l	96
87) 1,2-Dichlorobenzene	12.37	146	210294	16.501	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	35767	15.399	ug/l	96
89) 1,2,4-Trichlorobenzene	13.63	180	139402	16.168	ug/l	98
90) Hexachlorobutadiene	13.76	225	57995	15.902	ug/l	96
91) Naphthalene	13.82	128	444921	16.535	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	142367	16.691	ug/l	96

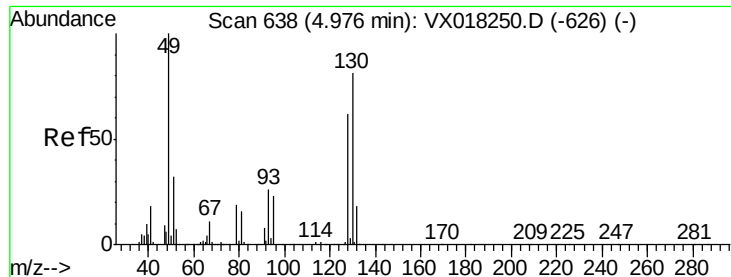
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.99 min Scan# 640

Delta R.T. 0.01 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

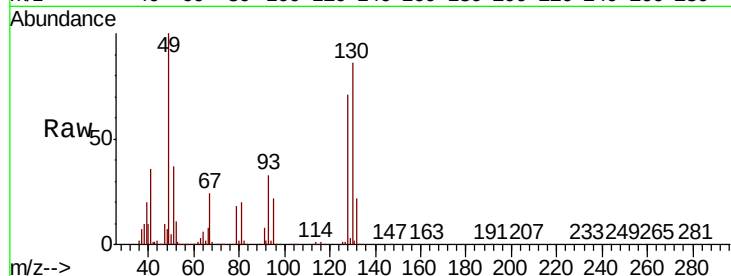
Tot Ion:128 Resp: 100163

Ion Ratio Lower Upper

128 100

49 154.2 0.0 392.0

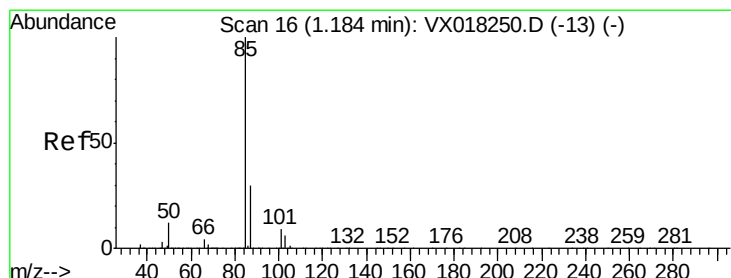
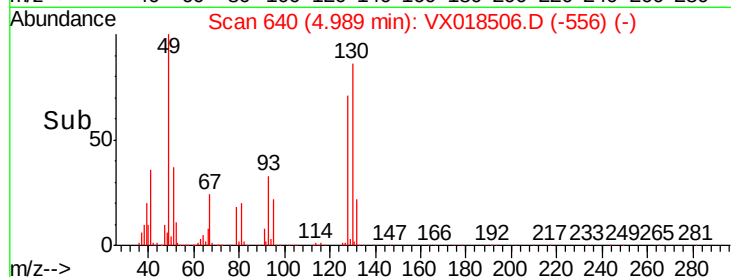
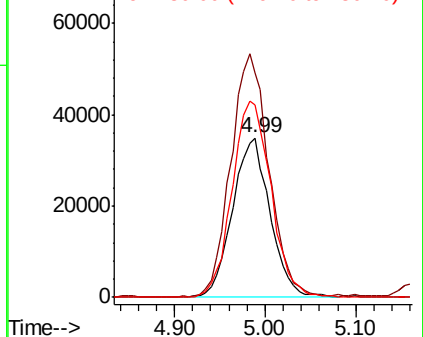
130 128.0 0.0 320.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 15.202 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018506.D

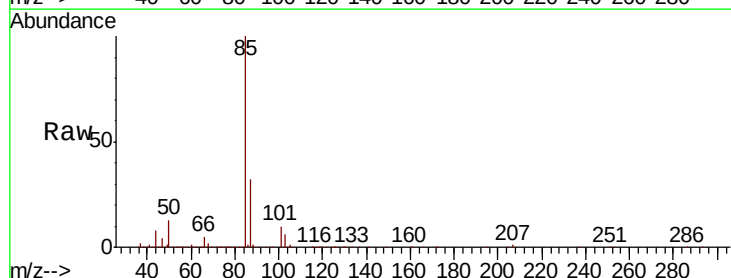
Acq: 18 Sep 2020 20:27

Tgt Ion: 85 Resp: 80575

Ion Ratio Lower Upper

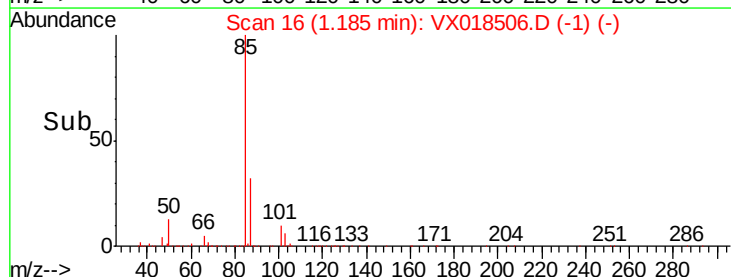
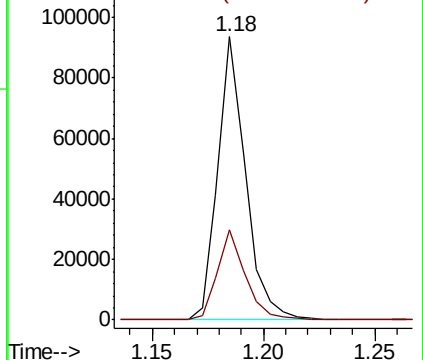
85 100

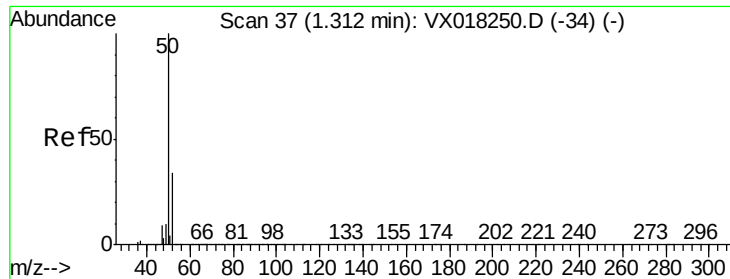
87 31.7 15.1 45.3



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

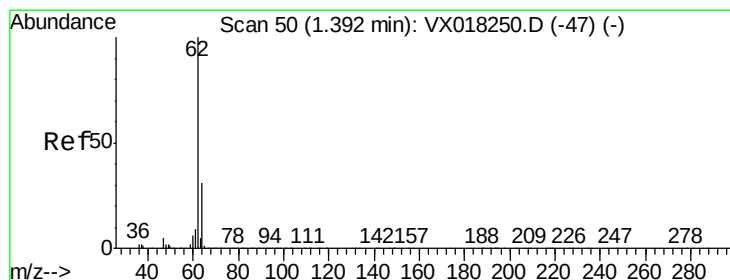
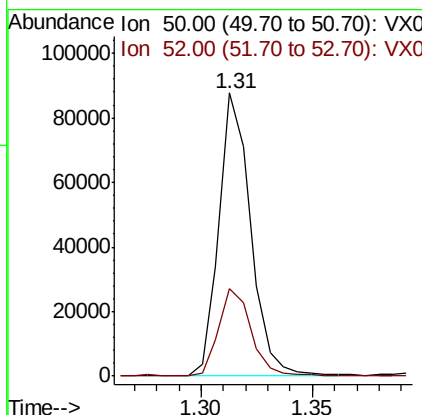
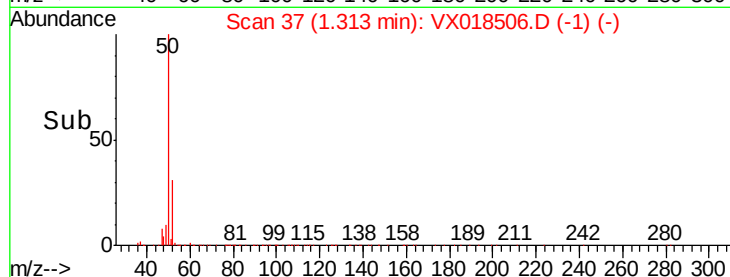
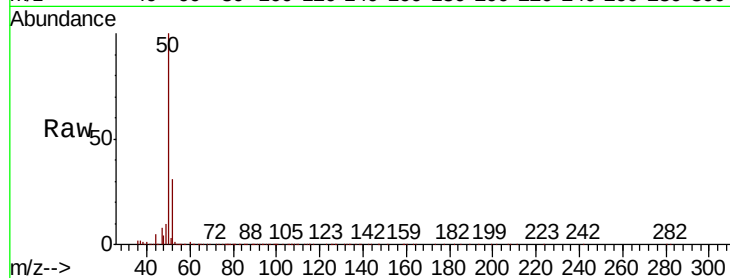




#3
Chloromethane
Concen: 15.272 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

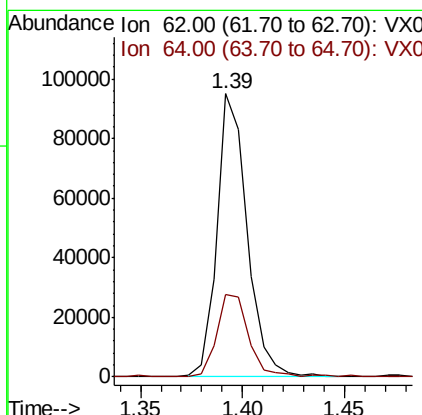
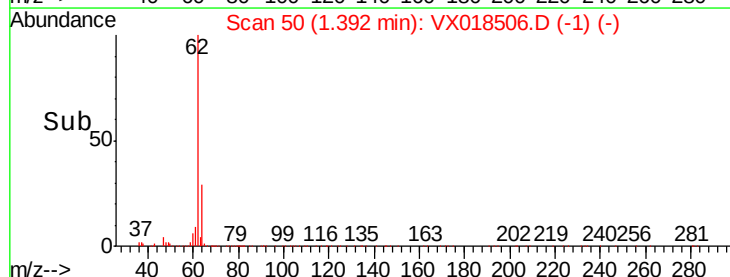
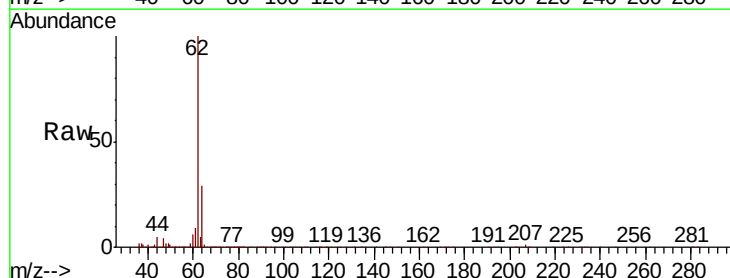
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

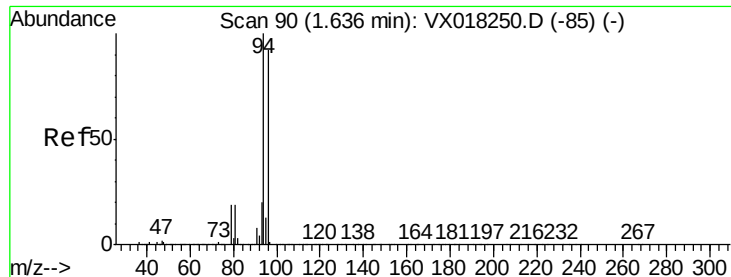
Tot Ion: 50 Resp: 85980
Ion Ratio Lower Upper
50 100
52 31.0 27.1 40.7



#4
Vinyl Chloride
Concen: 16.402 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

Tgt Ion: 62 Resp: 97232
Ion Ratio Lower Upper
62 100
64 28.9 25.2 37.8





#5

Bromomethane

Concen: 12.590 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

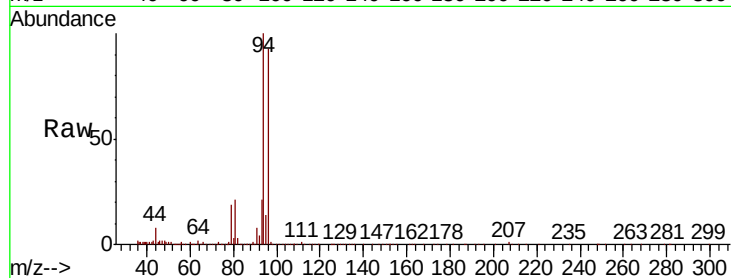
VSTDCCC020EC

Tot Ion: 94 Resp: 50782

Ion Ratio Lower Upper

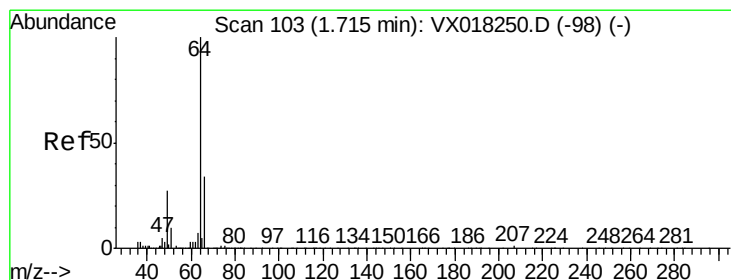
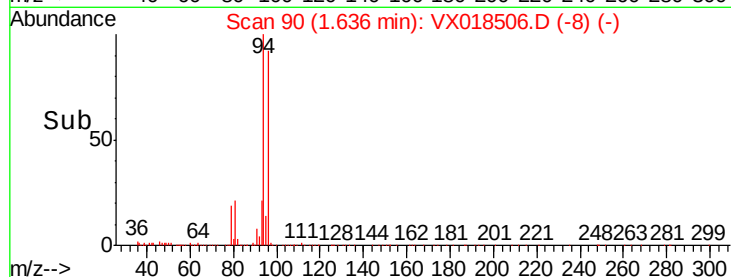
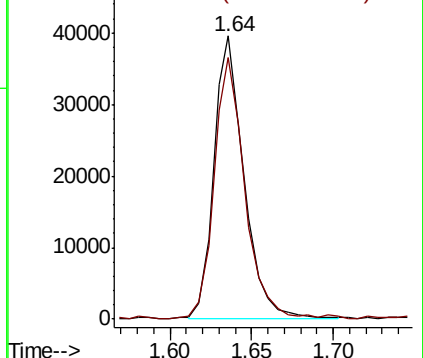
94 100

96 91.8 73.9 110.9



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 17.180 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018506.D

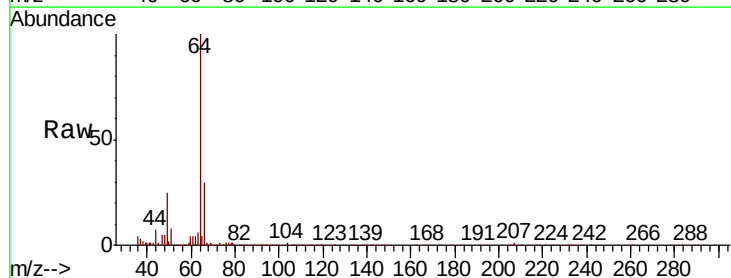
Acq: 18 Sep 2020 20:27

Tgt Ion: 64 Resp: 61900

Ion Ratio Lower Upper

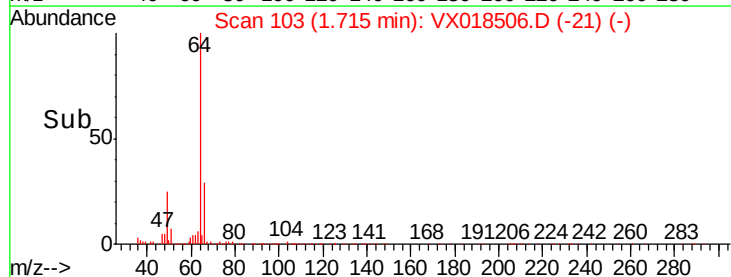
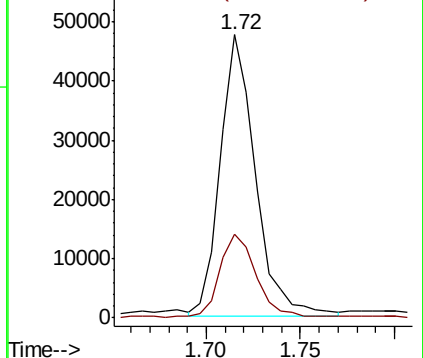
64 100

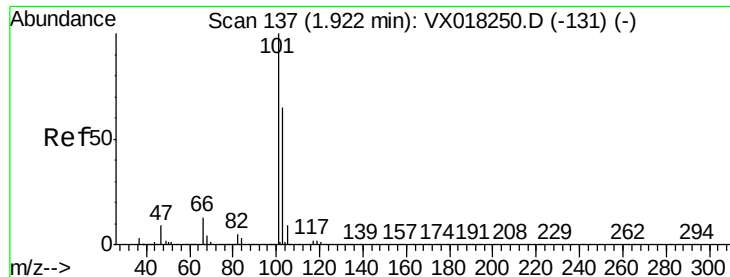
66 29.3 27.0 40.4



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



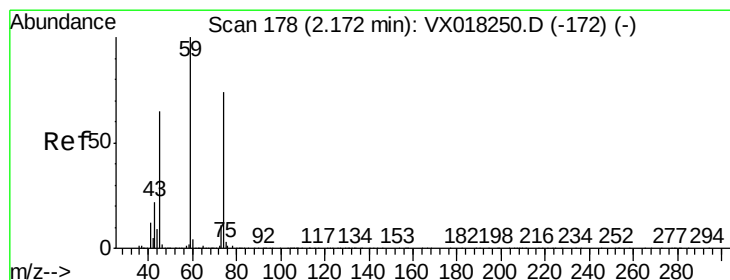
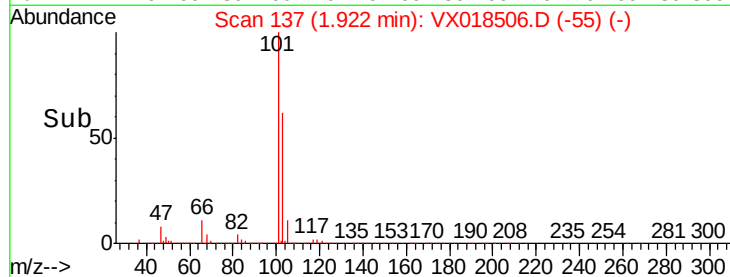
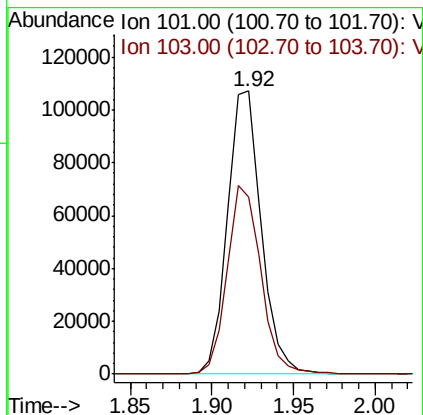
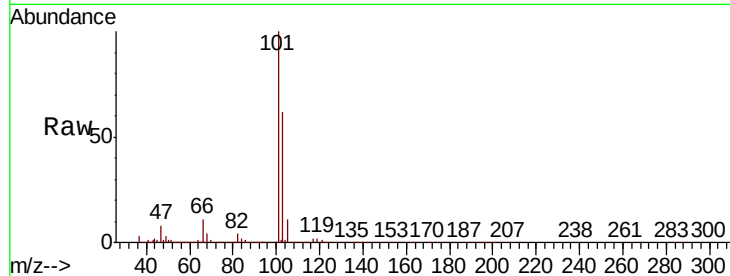


#7

Trichlorofluoromethane
 Concen: 15.410 ug/l
 RT: 1.92 min Scan# 137
 Delta R.T. 0.00 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

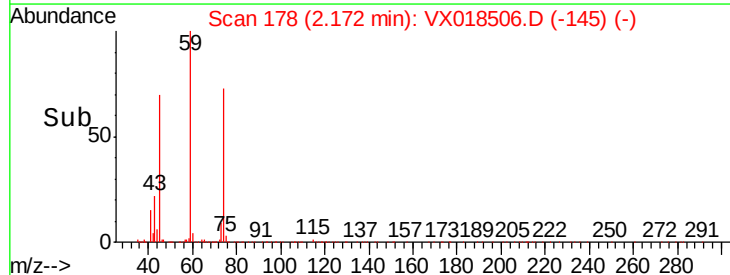
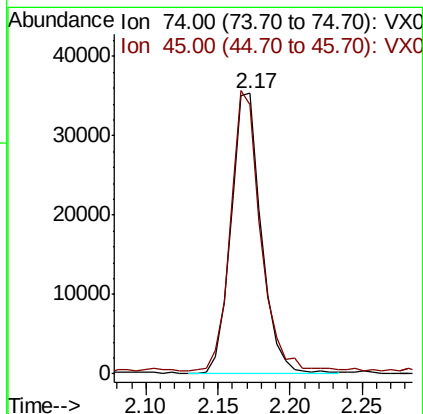
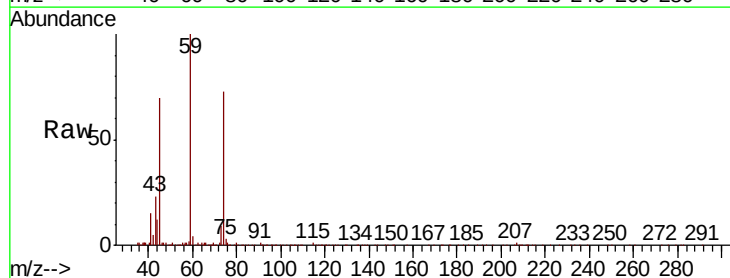
Tot Ion:101 Resp: 154815
 Ion Ratio Lower Upper
 101 100
 103 62.3 52.3 78.5

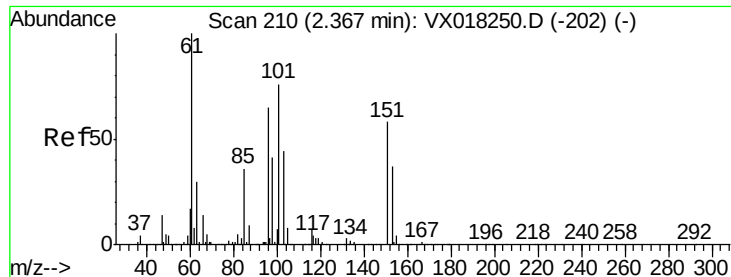


#8

Diethyl Ether
 Concen: 16.461 ug/l
 RT: 2.17 min Scan# 178
 Delta R.T. 0.00 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

Tgt Ion: 74 Resp: 52137
 Ion Ratio Lower Upper
 74 100
 45 98.8 20.5 184.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.851 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

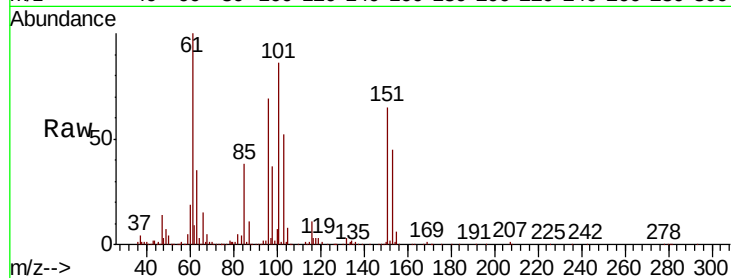
Tot Ion:101 Resp: 81361

Ion Ratio Lower Upper

101 100

85 45.3 0.0 87.8

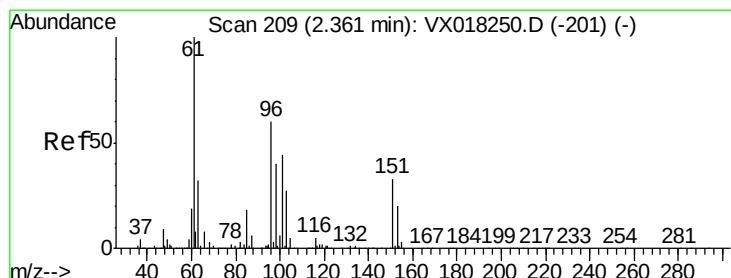
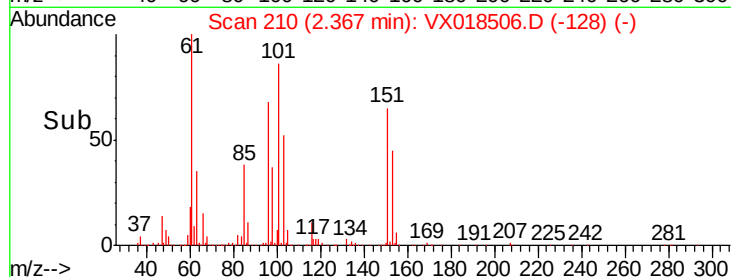
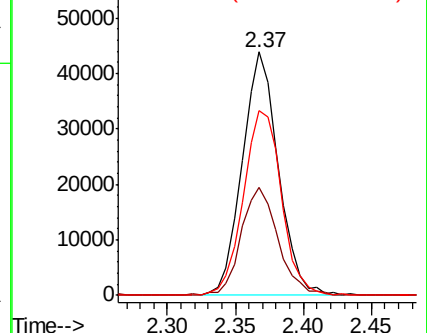
151 80.2 0.0 161.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 16.739 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

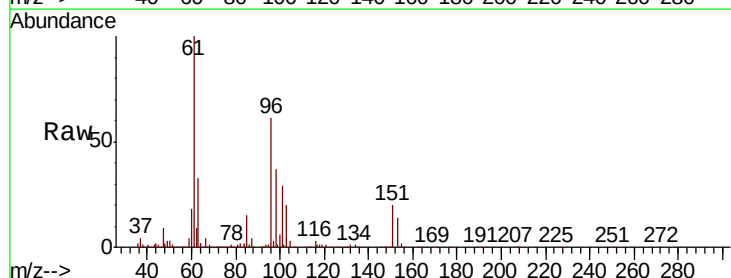
Tgt Ion: 96 Resp: 84343

Ion Ratio Lower Upper

96 100

61 165.2 132.5 198.7

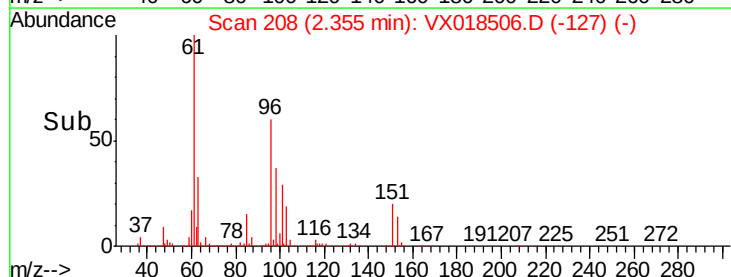
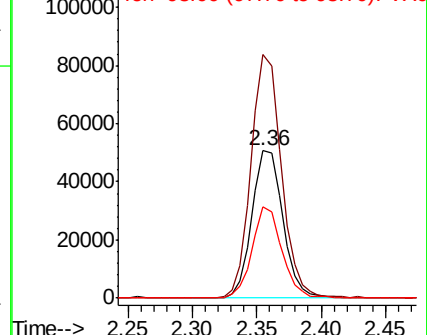
98 61.4 52.4 78.6

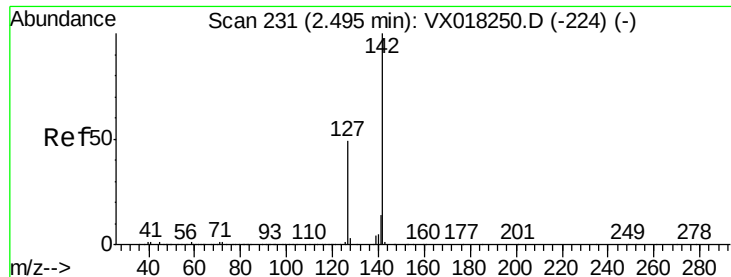


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

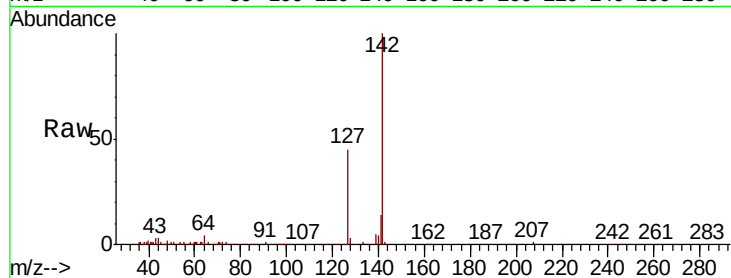




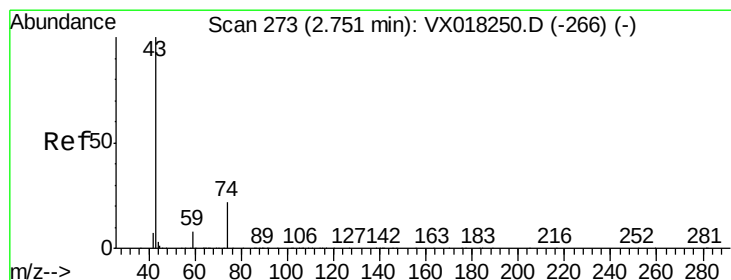
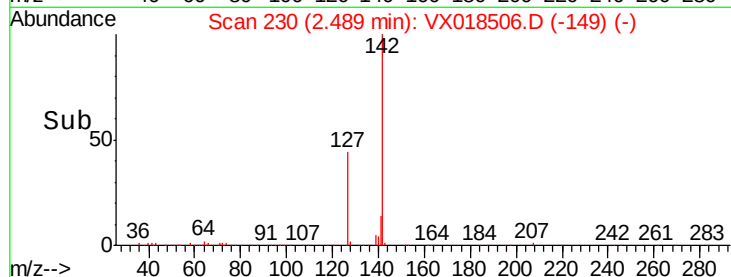
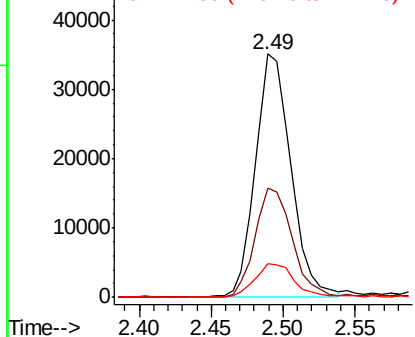
#11
Methvl Iodide
Concen: 15.403 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:142 Resp: 59882
Ion Ratio Lower Upper
142 100
127 44.6 24.6 74.0
141 13.4 7.0 21.0

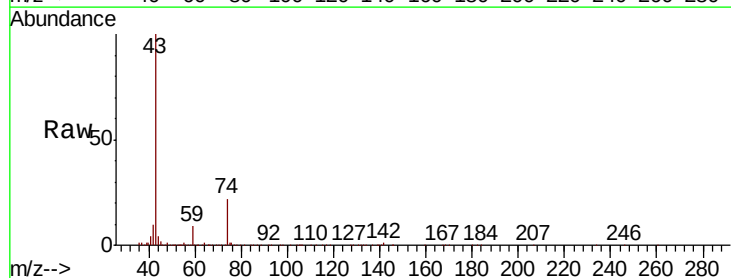


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

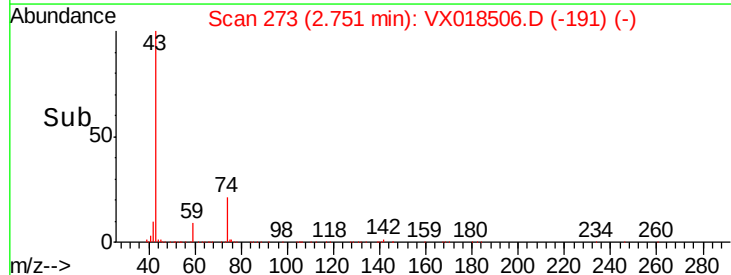
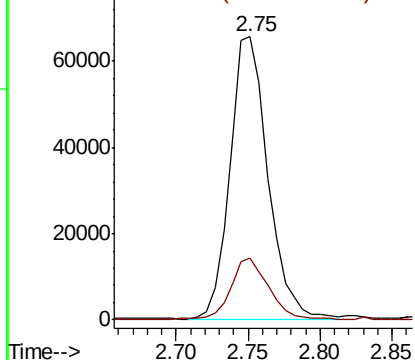


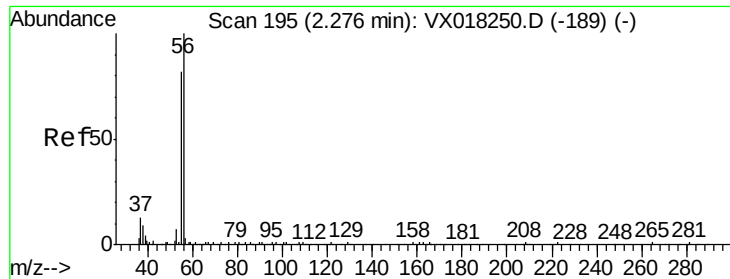
#12
Methyl Acetate
Concen: 18.219 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

Tgt Ion: 43 Resp: 120841
Ion Ratio Lower Upper
43 100
74 21.3 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 68.565 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

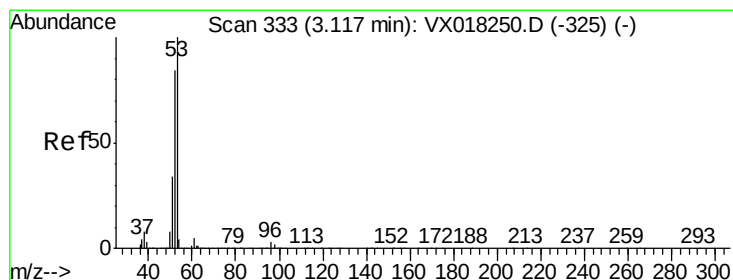
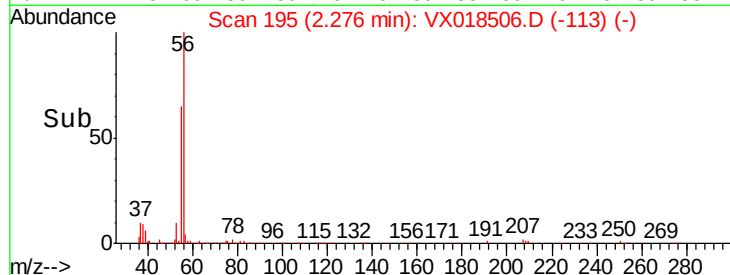
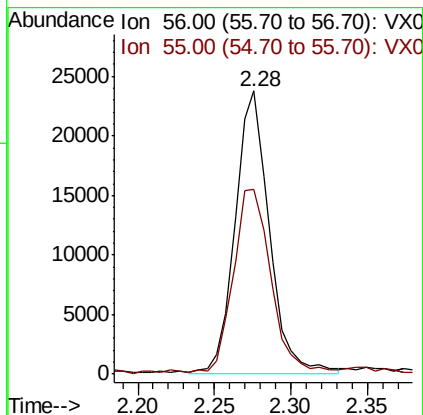
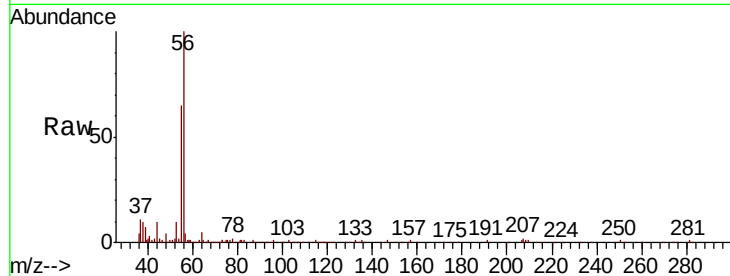
VSTDCCC020EC

Tot Ion: 56 Resp: 36701

Ion Ratio Lower Upper

56 100

55 69.8 59.7 89.5



#14

Acrylonitrile

Concen: 82.395 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

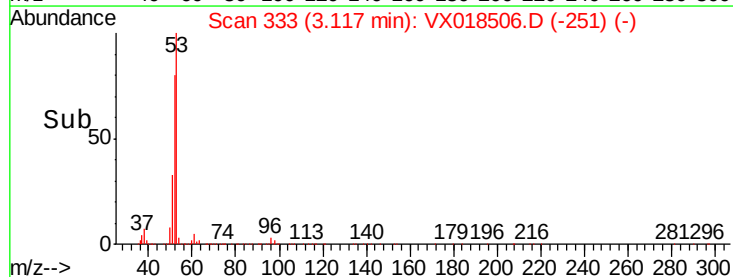
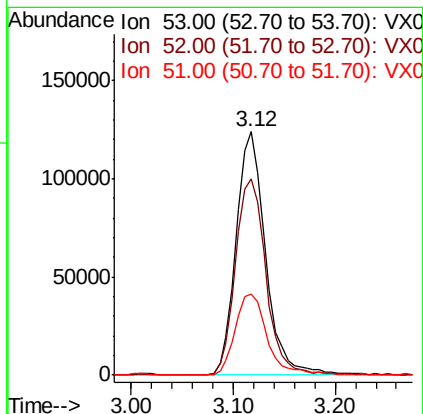
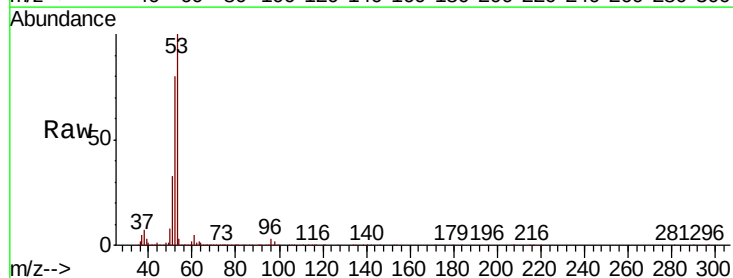
Tgt Ion: 53 Resp: 247622

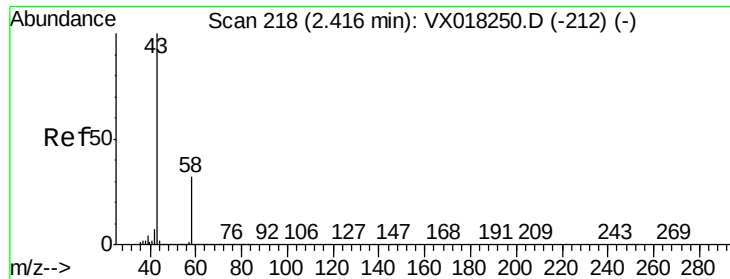
Ion Ratio Lower Upper

53 100

52 82.5 41.9 125.7

51 36.3 18.3 54.8





#15

Acetone

Concen: 80.195 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

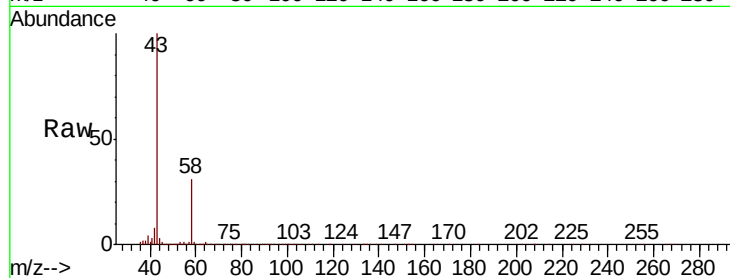
VSTDCCC020EC

Tot Ion: 58 Resp: 65528

Ion Ratio Lower Upper

58 100

43 326.1 248.2 372.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

150000

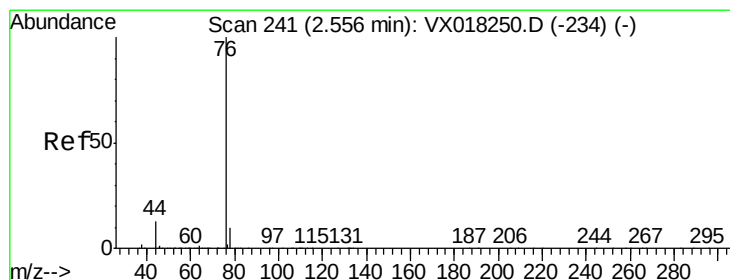
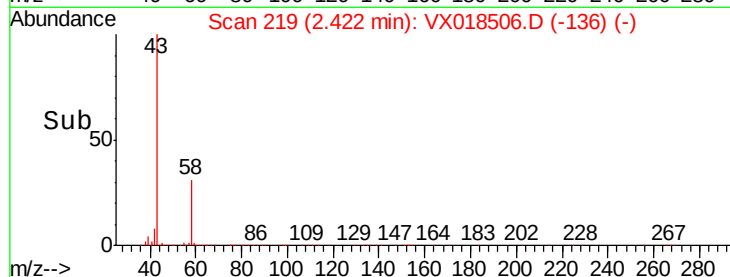
100000

50000

0

2.35 2.40 2.45

Time-->



#16

Carbon Disulfide

Concen: 16.149 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VX018506.D

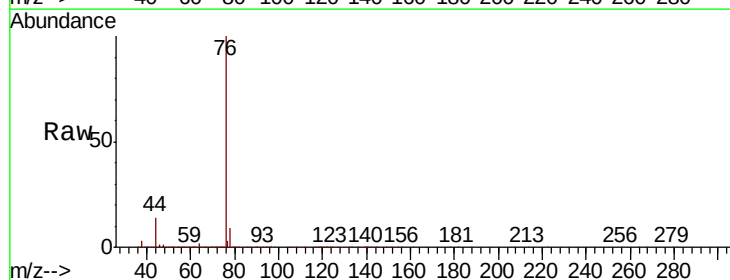
Acq: 18 Sep 2020 20:27

Tgt Ion: 76 Resp: 236933

Ion Ratio Lower Upper

76 100

78 8.5 7.8 11.6



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

150000

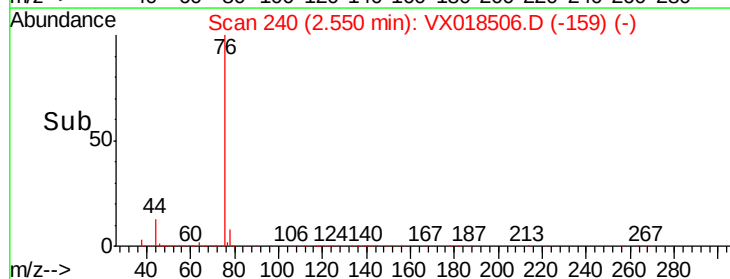
100000

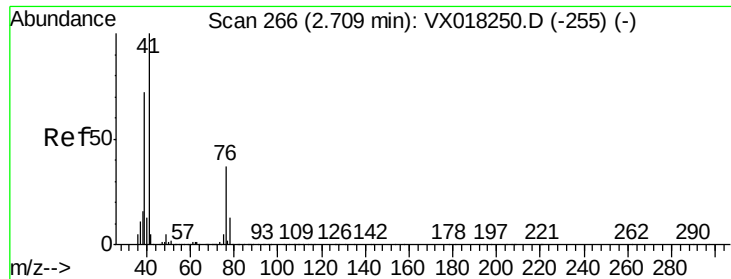
50000

0

2.50 2.55 2.60

Time-->

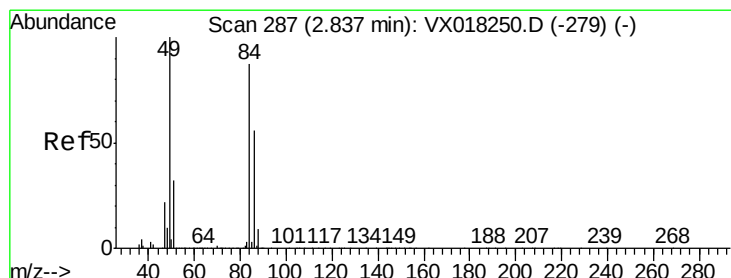
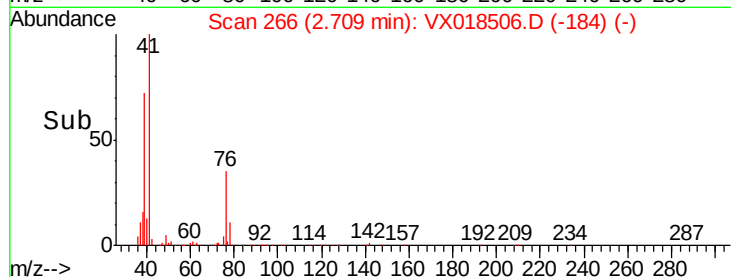
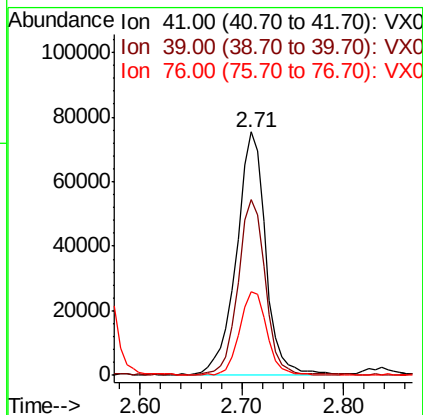
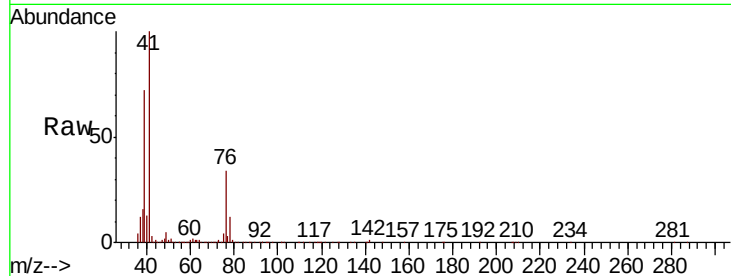




#17
Allvl chloride
Concen: 16.534 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

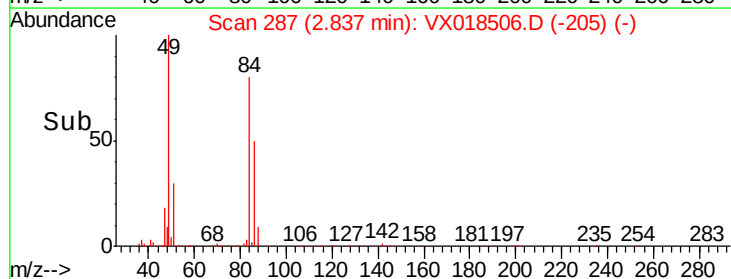
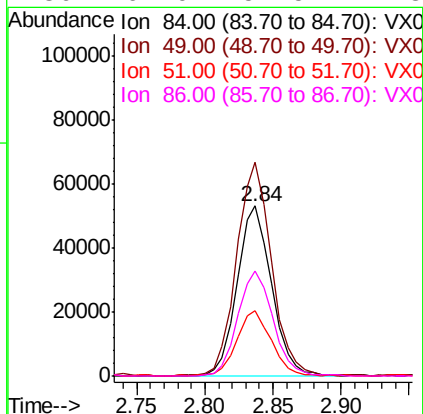
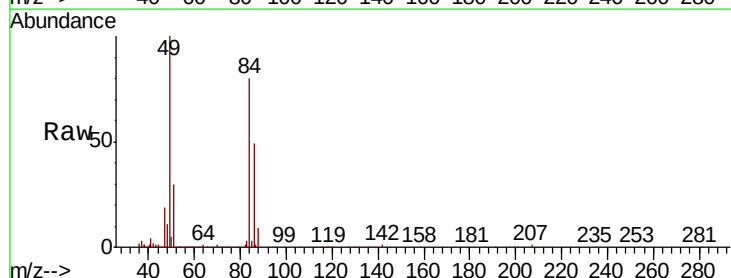
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

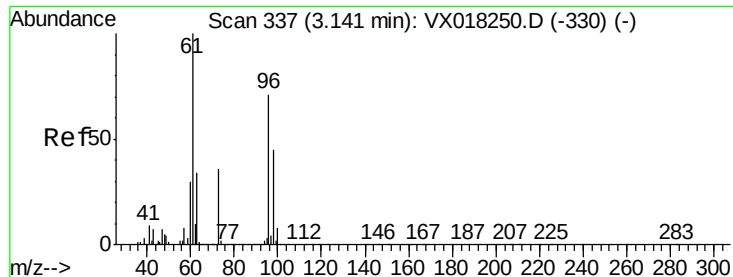
Tot Ion	Ratio	Lower	Upper
41	100		
39	72.2	36.0	108.1
76	34.3	18.6	55.6



#18
Methylene Chloride
Concen: 15.864 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.4	91.6	137.4
51	38.3	29.4	44.0
86	62.0	51.5	77.3





#19

trans-1,2-Dichloroethene

Concen: 16.311 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

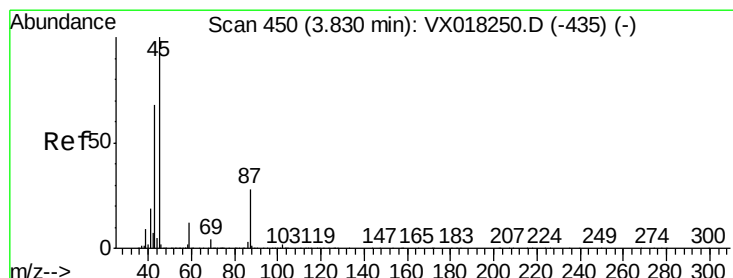
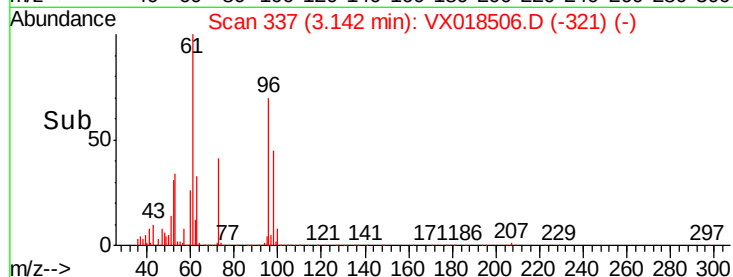
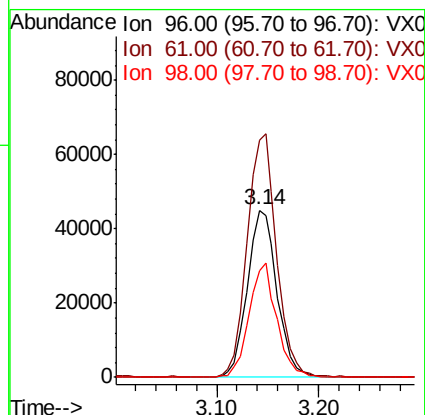
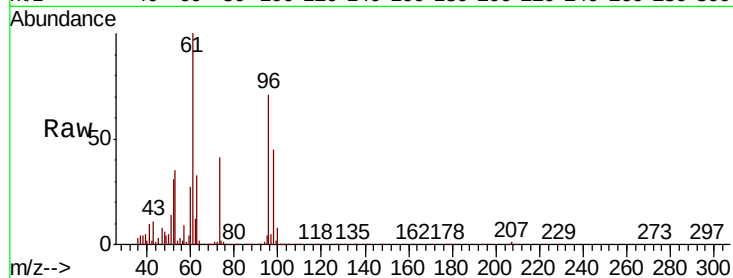
Tot Ion: 96 Resp: 91249

Ion Ratio Lower Upper

96 100

61 141.4 112.8 169.2

98 63.5 51.0 76.4



#20

Diisopropyl ether

Concen: 17.402 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Tgt Ion: 45 Resp: 310258

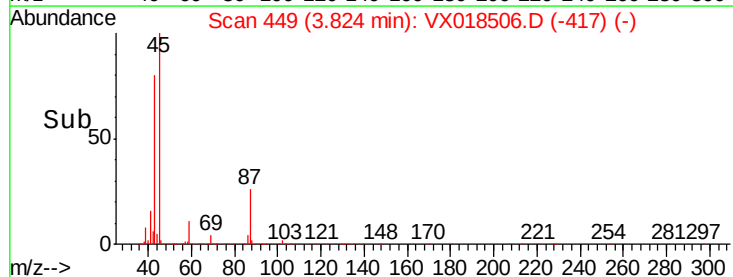
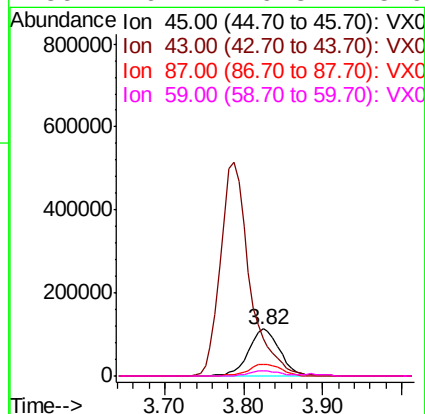
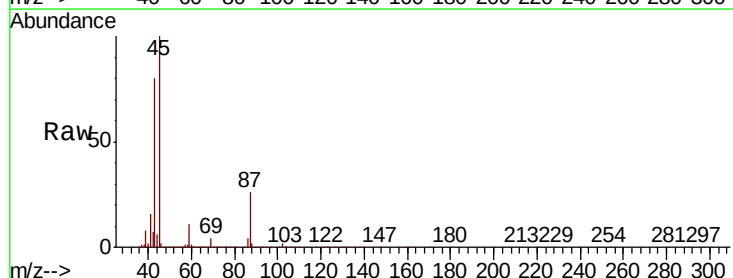
Ion Ratio Lower Upper

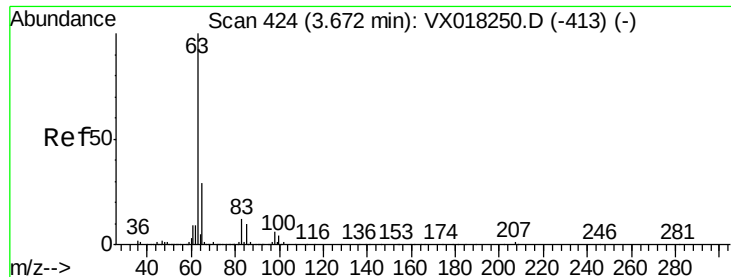
45 100

43 79.3 54.5 81.7

87 25.5 22.2 33.2

59 10.7 9.3 13.9





#21

1,1-Dichloroethane

Concen: 16.283 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

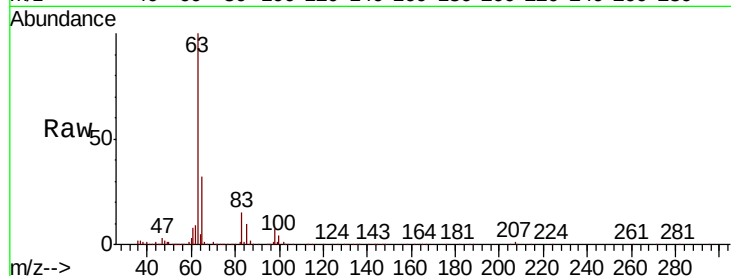
Tot Ion: 63 Resp: 166633

Ion Ratio Lower Upper

63 100

98 7.1 3.2 9.6

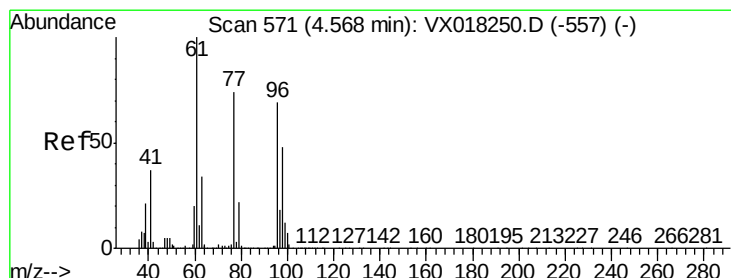
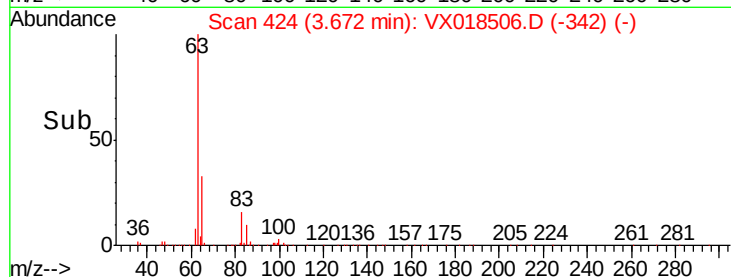
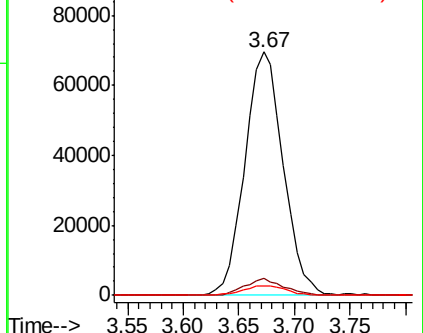
100 3.8 2.1 6.3



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 16.882 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

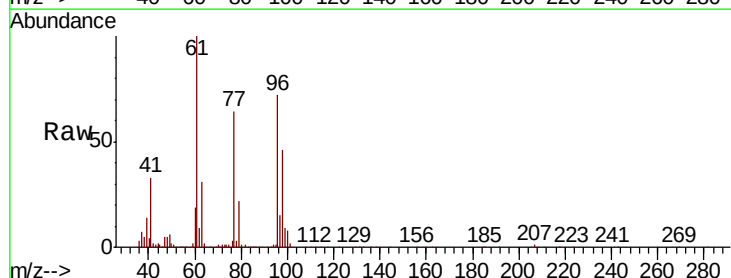
Tgt Ion: 96 Resp: 104496

Ion Ratio Lower Upper

96 100

61 146.5 116.2 174.4

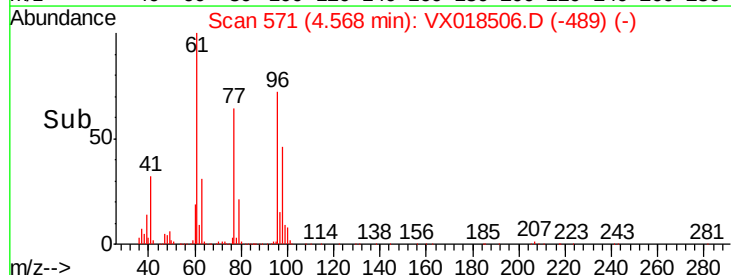
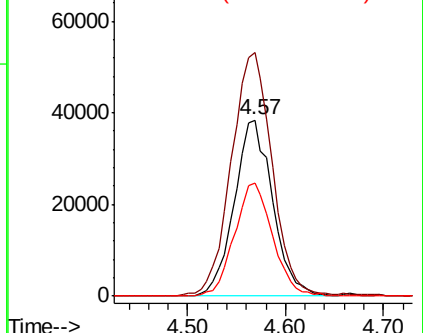
98 63.7 52.5 78.7

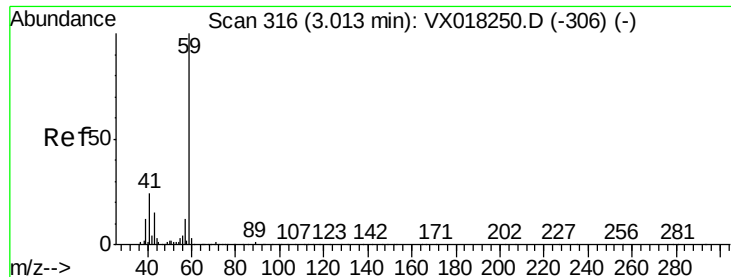


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 88.554 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

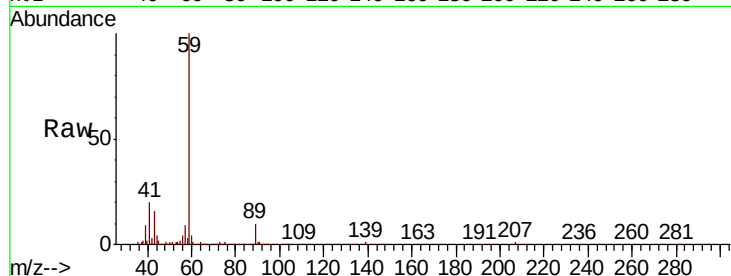
VSTDCCC020EC

Tot Ion: 59 Resp: 115328

Ion Ratio Lower Upper

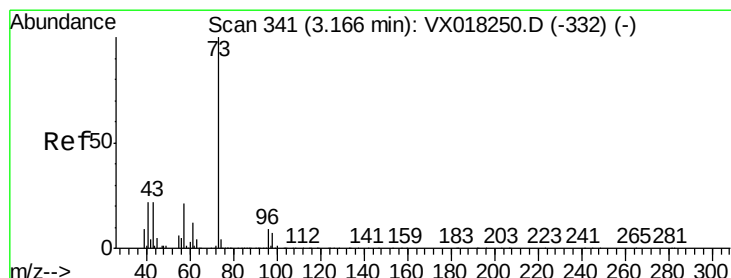
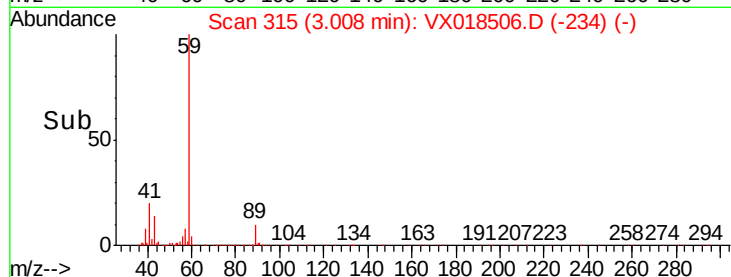
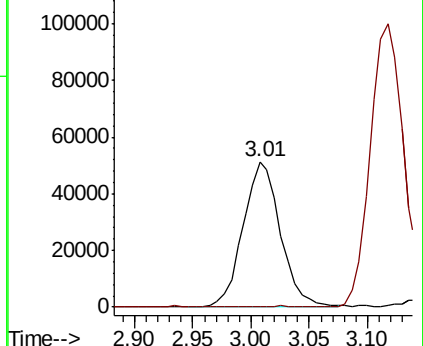
59 100

52 0.2 0.4 0.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 16.296 ug/l

RT: 3.17 min Scan# 341

Delta R.T. 0.00 min

Lab File: VX018506.D

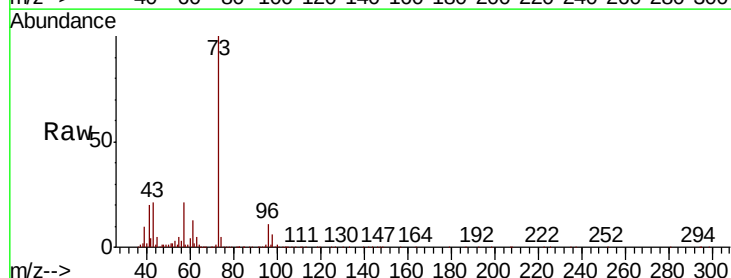
Acq: 18 Sep 2020 20:27

Tgt Ion: 73 Resp: 291922

Ion Ratio Lower Upper

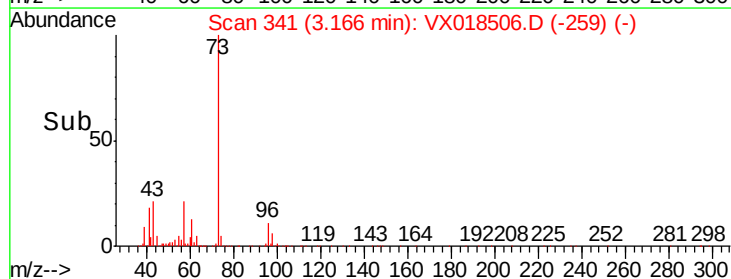
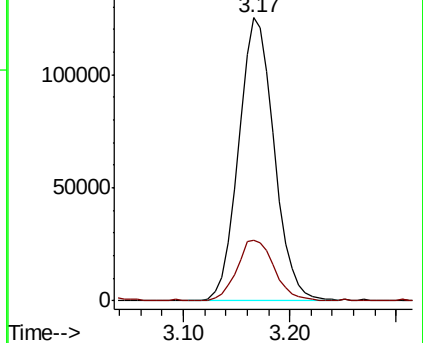
73 100

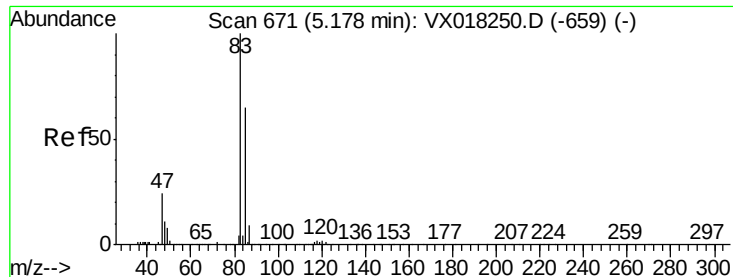
43 22.0 17.8 26.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

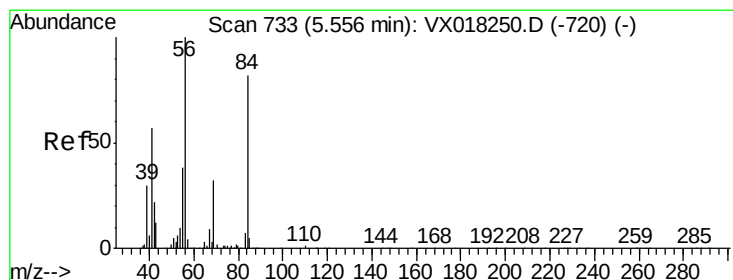
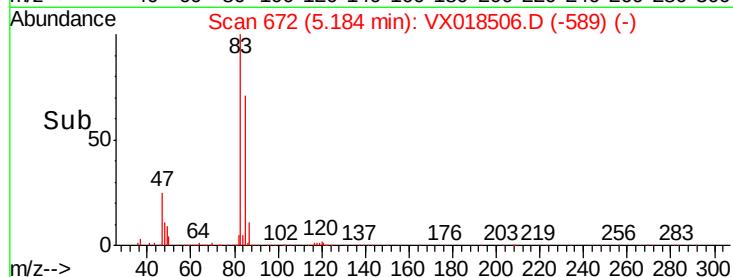
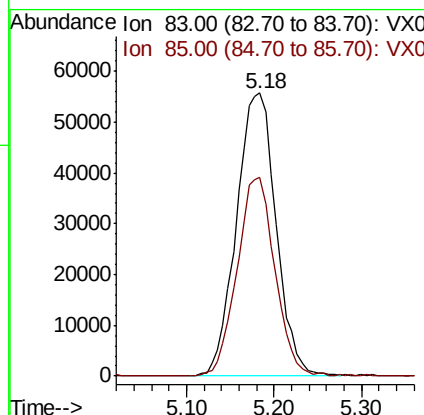
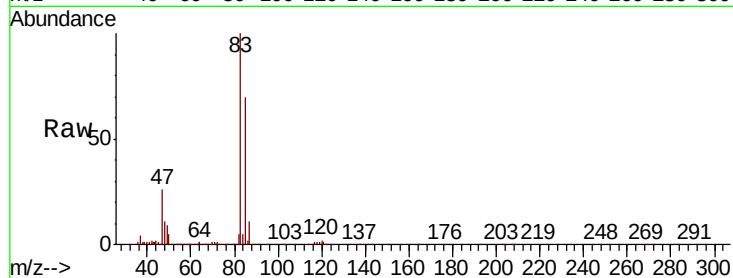




#25
Chloroform
Concen: 16.067 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

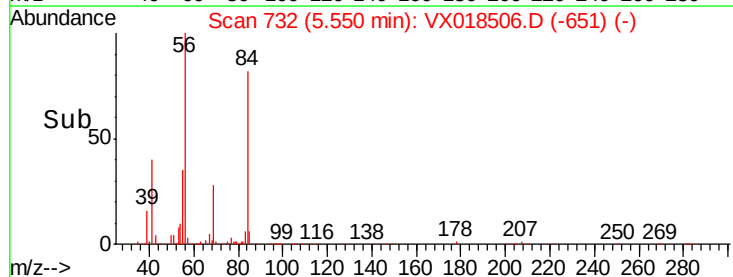
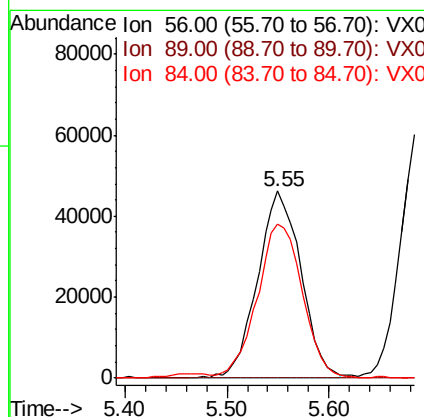
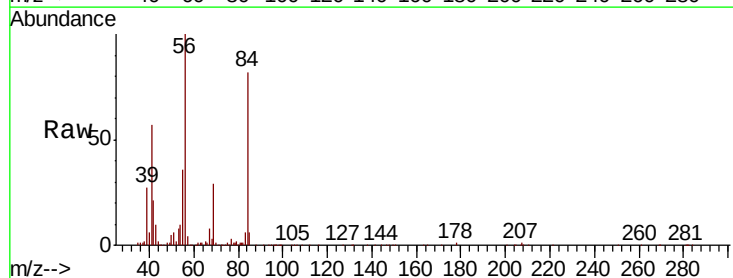
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

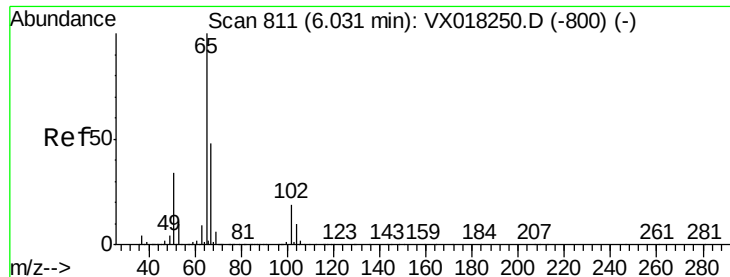
Tot Ion: 83 Resp: 175477
Ion Ratio Lower Upper
83 100
85 69.9 51.6 77.4



#26
Cyclohexane
Concen: 16.481 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

Tgt Ion: 56 Resp: 136130
Ion Ratio Lower Upper
56 100
89 0.1 0.1 0.1#
84 86.3 41.0 61.4#

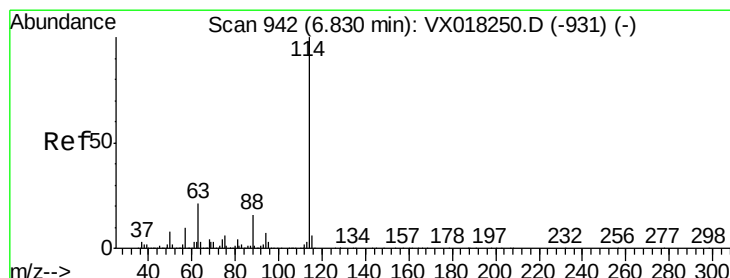
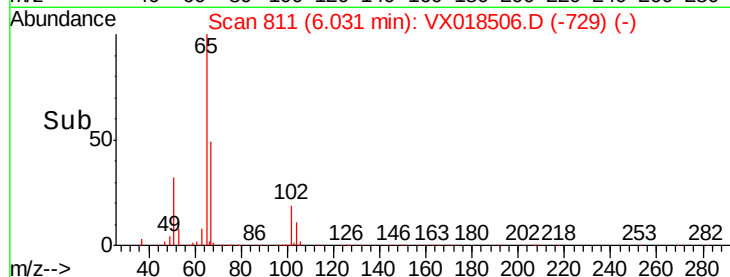
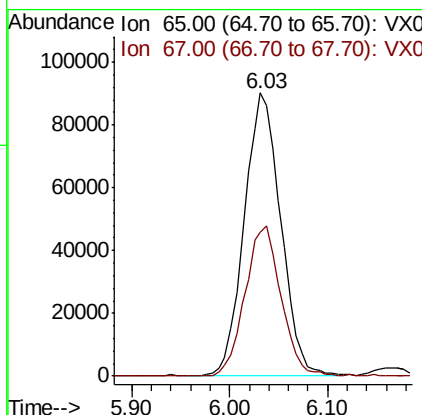
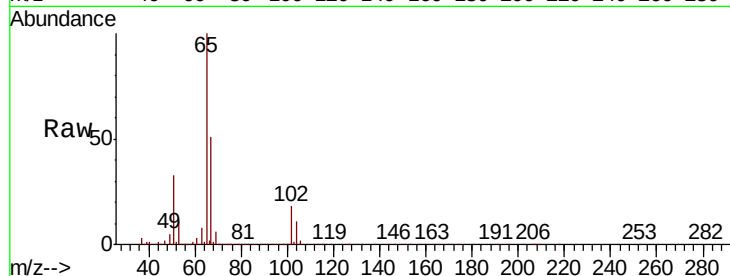




#27
 1,2-Dichloroethane-d4
 Concen: 29.585 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

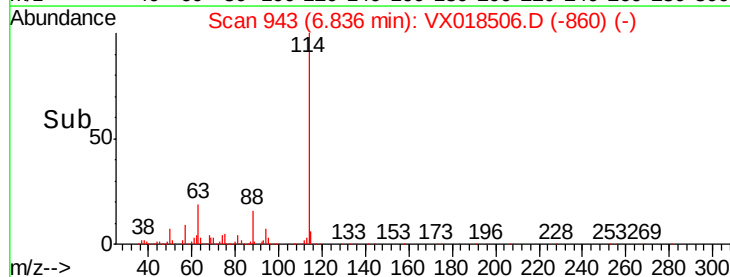
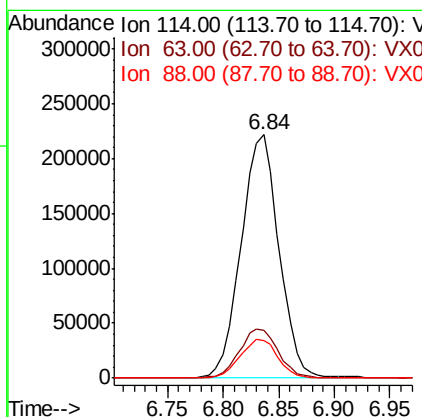
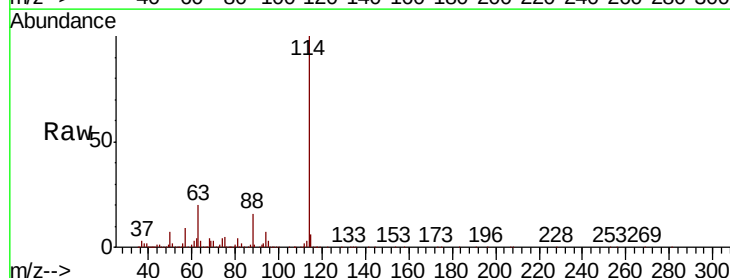
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

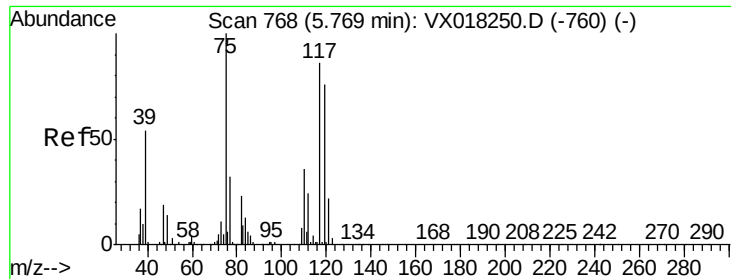
Tot Ion: 65 Resp: 233789
 Ion Ratio Lower Upper
 65 100
 67 52.0 39.9 59.9



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

Tgt Ion: 114 Resp: 524150
 Ion Ratio Lower Upper
 114 100
 63 20.6 16.7 25.1
 88 16.0 12.6 18.8

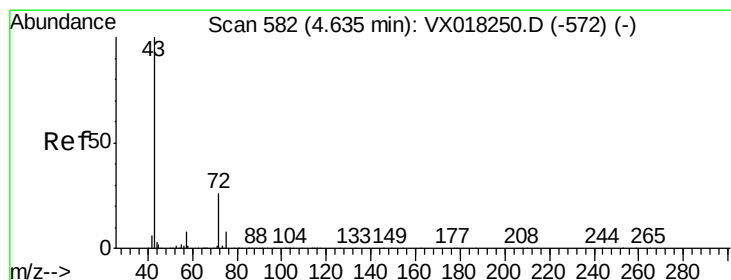
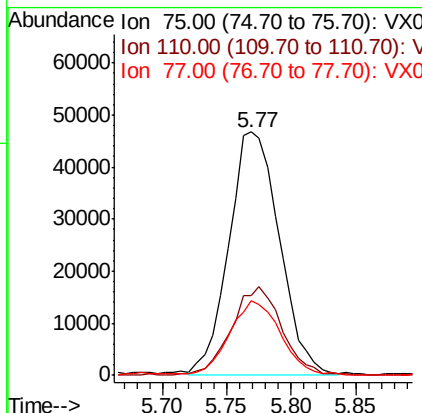
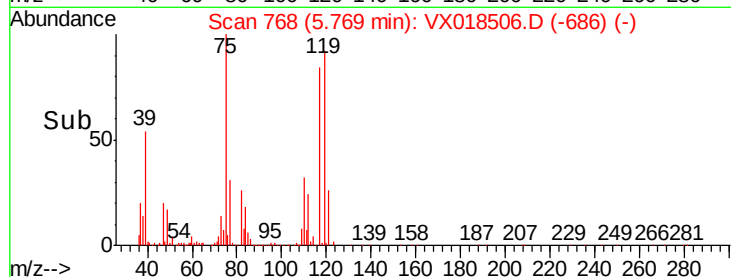
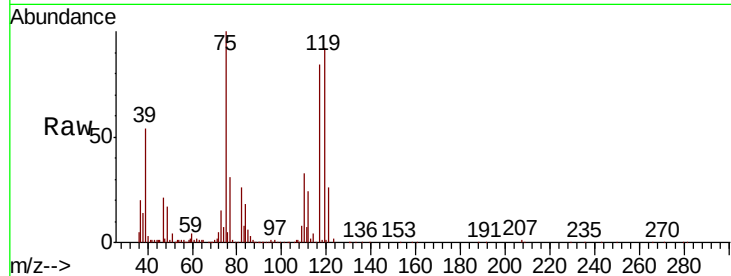




#29
 1,1-Dichloropropene
 Concen: 15.943 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

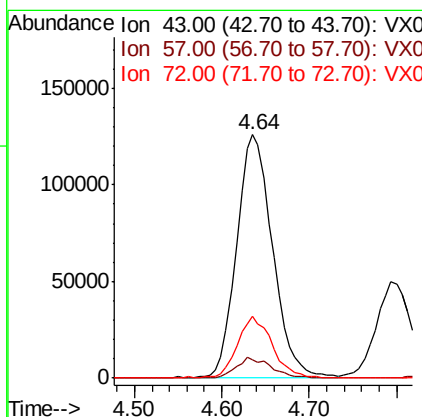
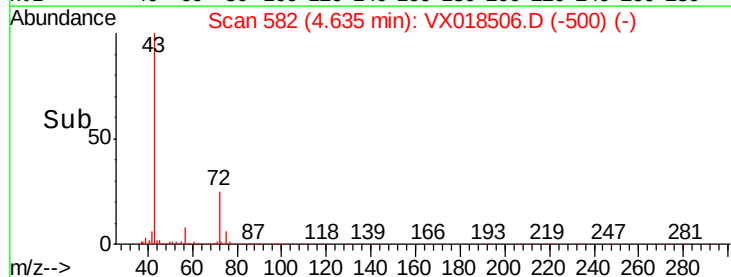
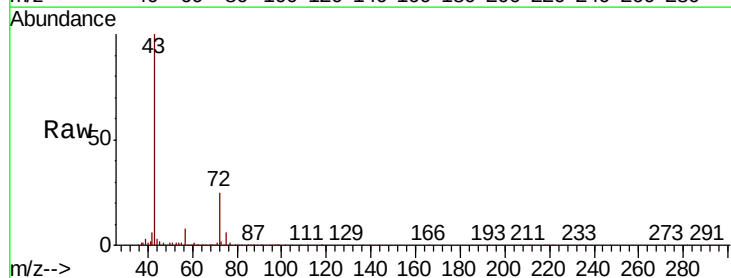
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

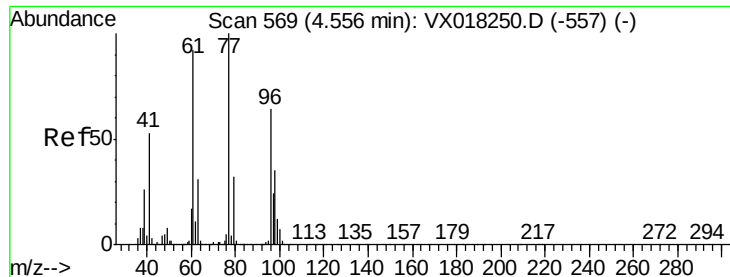
Tot Ion	Ratio	Lower	Upper
75	100		
110	36.1	0.0	72.2
77	30.5	0.0	61.0



#30
 2-Butanone
 Concen: 81.306 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.2	6.7	10.1
72	24.2	20.0	30.0

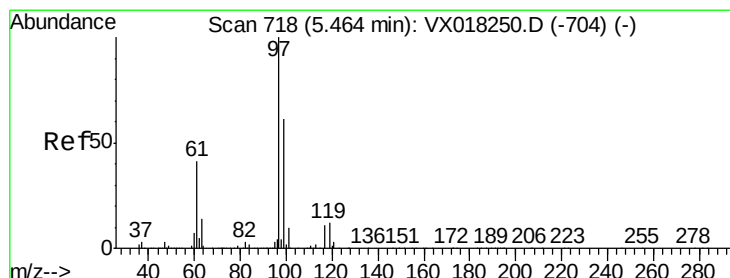
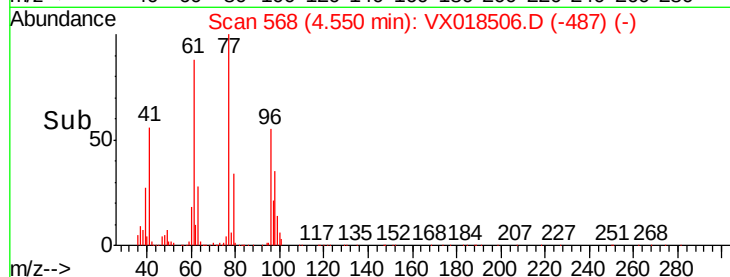
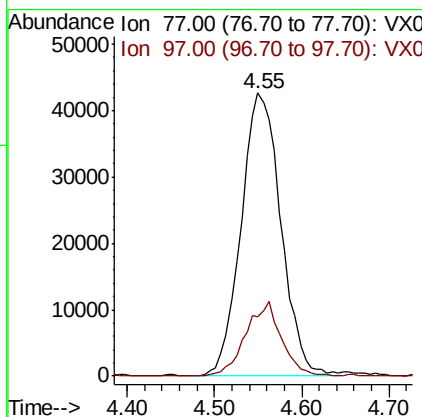
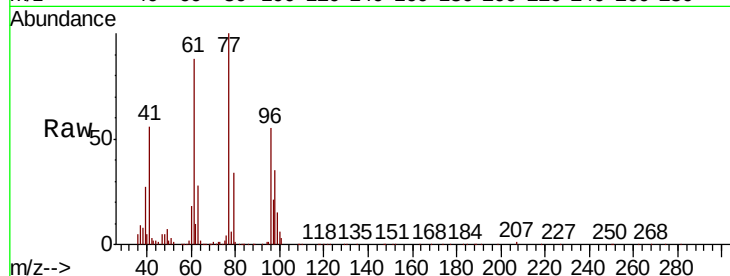




#31
 2,2-Dichloropropane
 Concen: 13.953 ug/l
 RT: 4.55 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

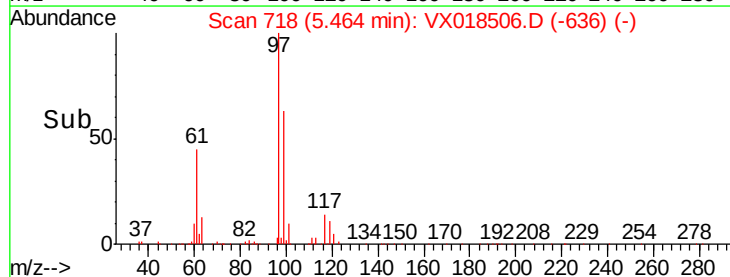
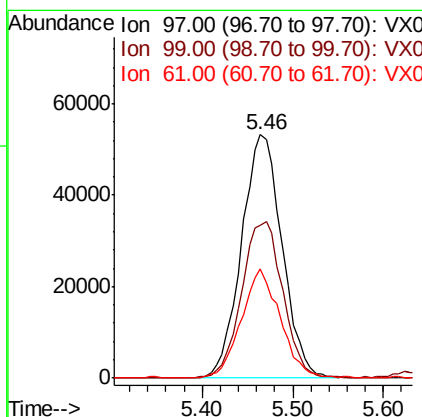
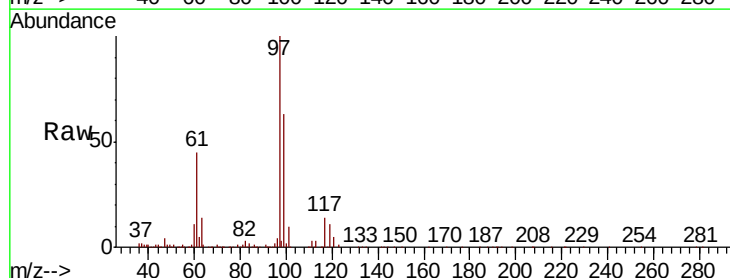
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

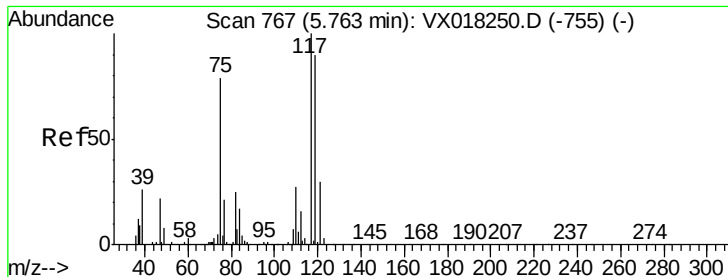
Tot Ion: 77 Resp: 134845
 Ion Ratio Lower Upper
 77 100
 97 23.8 18.1 27.1



#32
 1,1,1-Trichloroethane
 Concen: 15.784 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

Tgt Ion: 97 Resp: 165302
 Ion Ratio Lower Upper
 97 100
 99 65.3 50.7 76.1
 61 42.9 34.5 51.7





#33

Carbon Tetrachloride

Concen: 15.410 ug/l

RT: 5.76 min Scan# 766

Delta R.T. -0.01 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

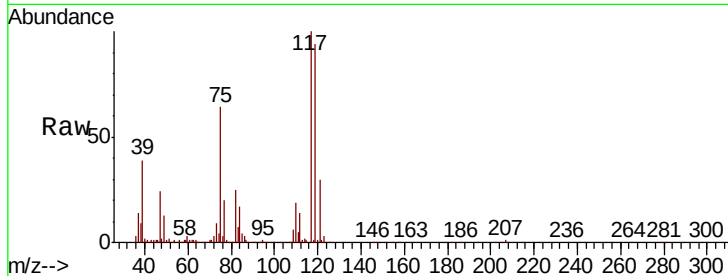
Tot Ion:117 Resp: 150377

Ion Ratio Lower Upper

117 100

119 93.4 72.3 108.5

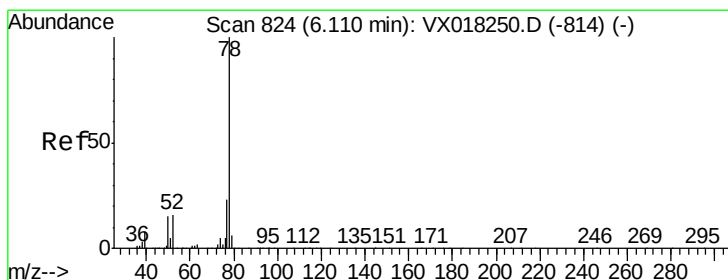
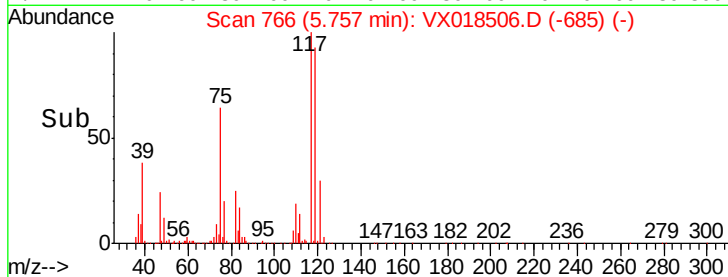
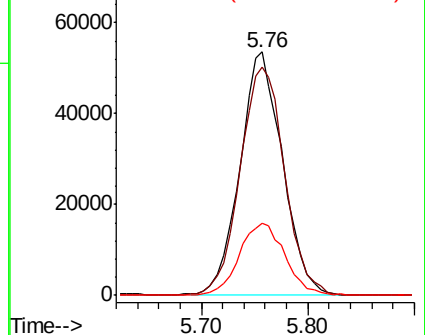
121 29.6 24.1 36.1



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 15.966 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

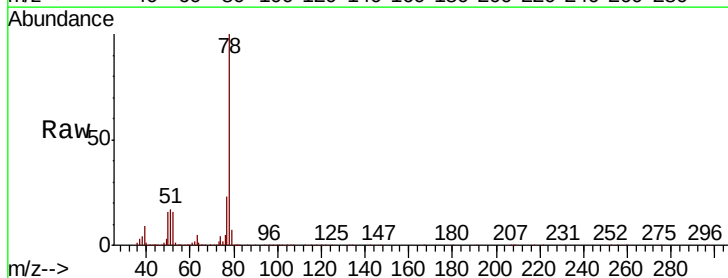
Tgt Ion: 78 Resp: 364652

Ion Ratio Lower Upper

78 100

77 22.9 18.3 27.5

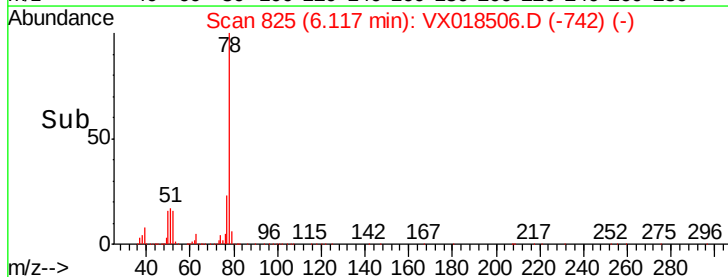
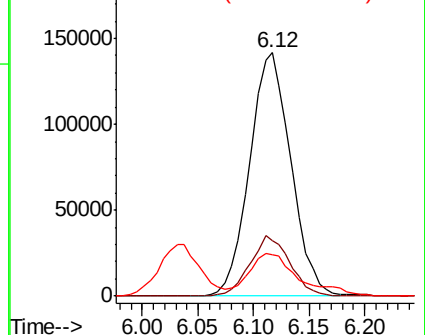
51 13.9 11.3 16.9

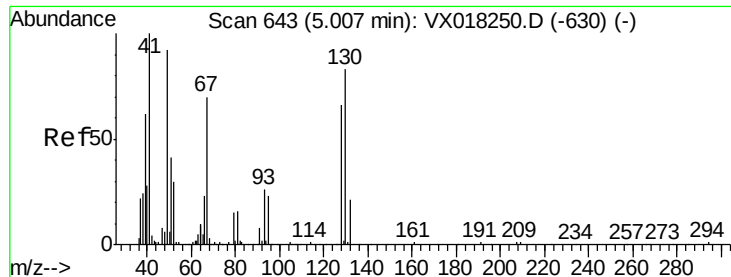


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

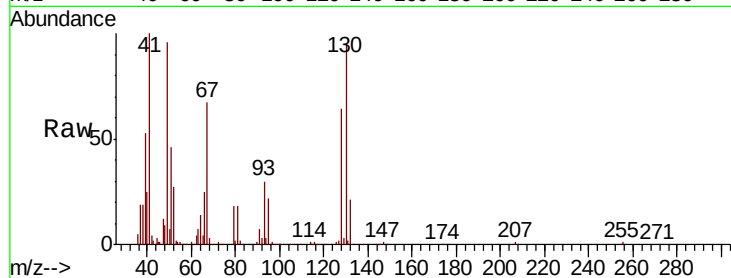




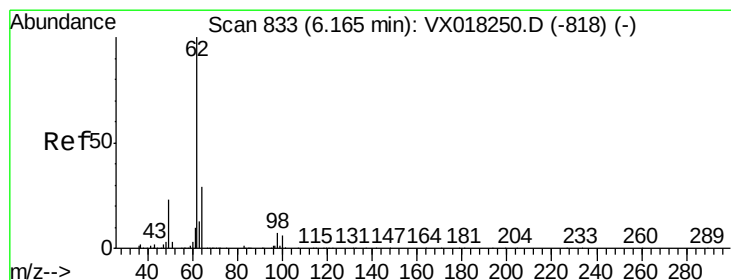
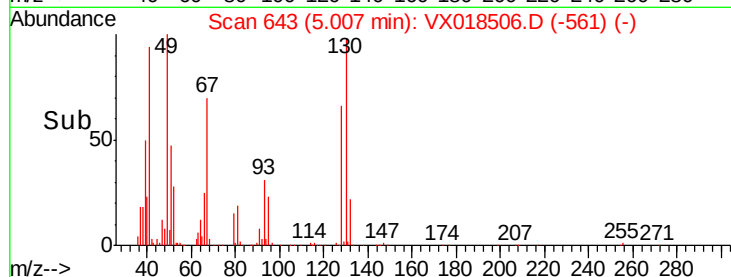
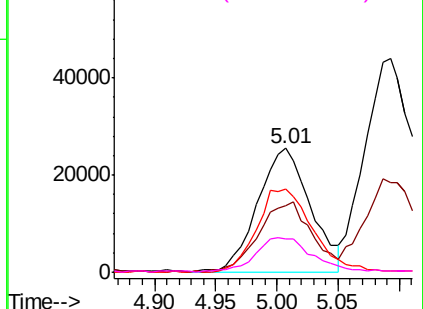
#35
Methacrylonitrile
Concen: 16.645 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:	41	Resp:	76849
Ion	Ratio	Lower	Upper
41	100		
39	52.7	31.3	93.9
67	66.6	35.4	106.2
52	26.0	14.9	44.5

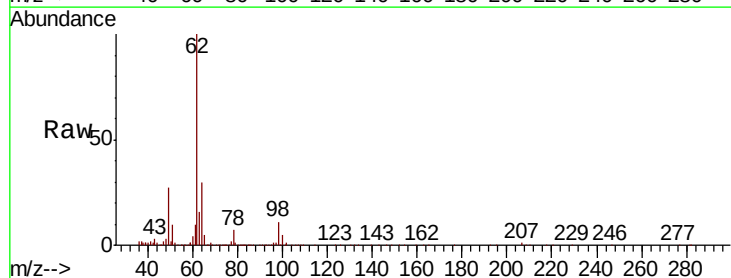


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

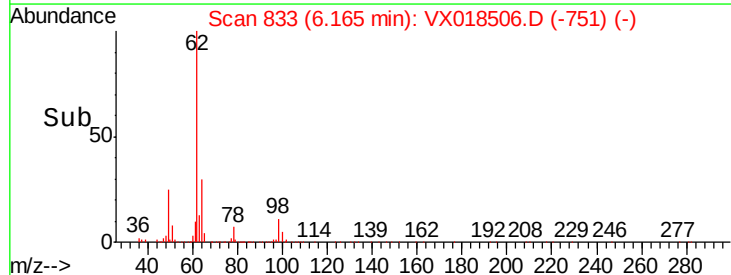
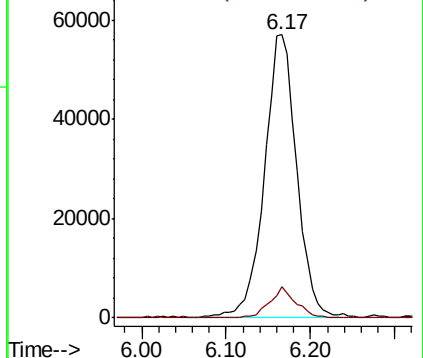


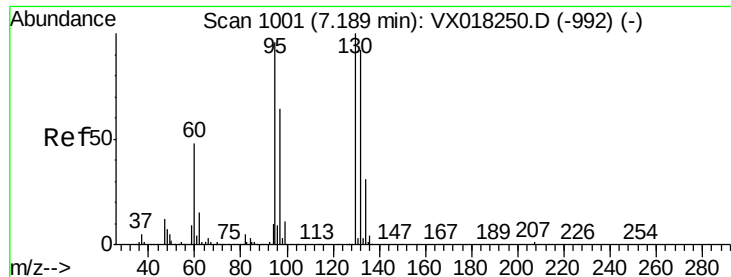
#36
1,2-Dichloroethane
Concen: 15.958 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

Tgt Ion:	62	Resp:	150837
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	0.0#



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

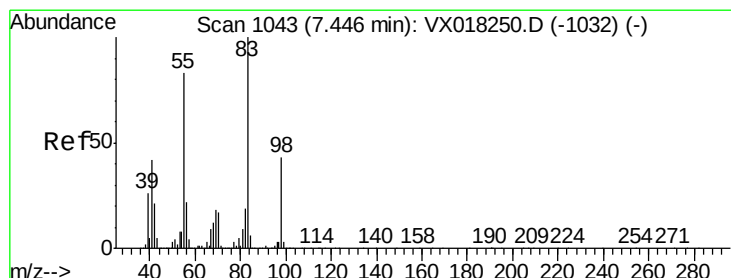
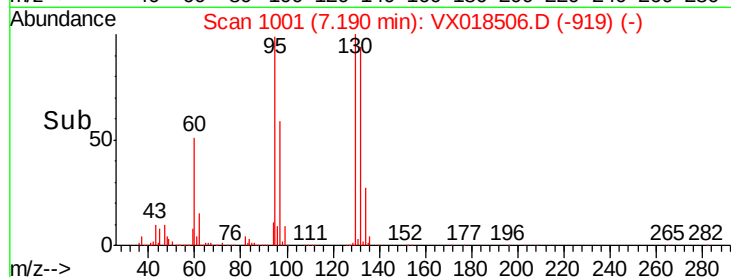
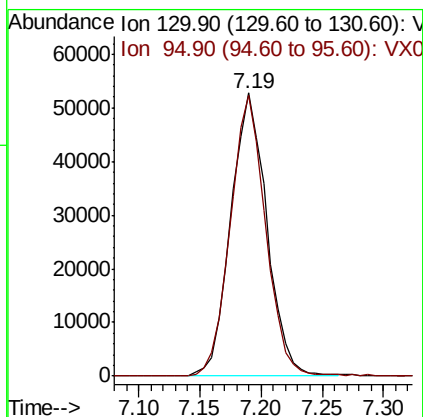
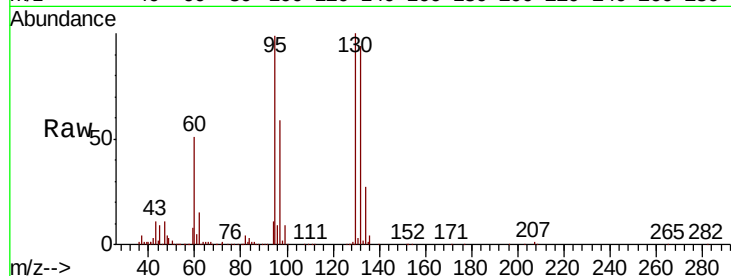




#37
 Trichloroethene
 Concen: 16.330 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

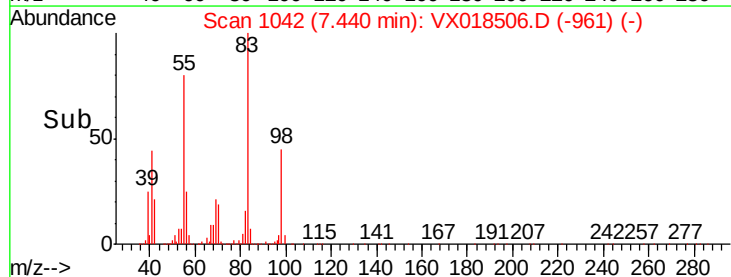
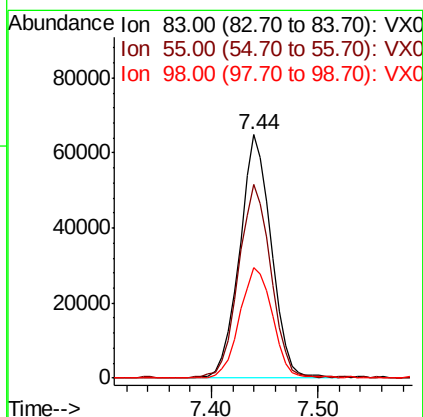
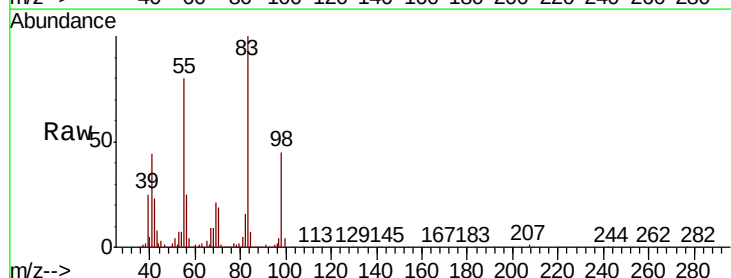
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

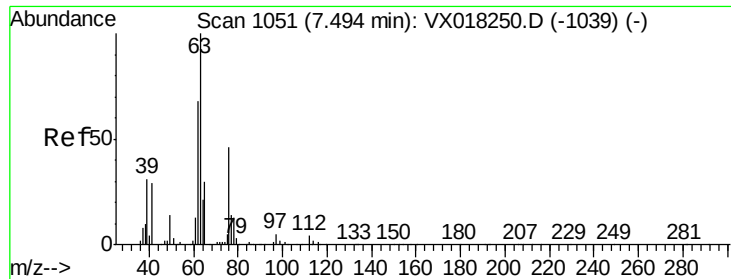
Tot Ion:130 Resp: 107846
 Ion Ratio Lower Upper
 130 100
 95 98.9 76.9 115.3



#38
 Methylcyclohexane
 Concen: 15.969 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

Tgt Ion: 83 Resp: 136093
 Ion Ratio Lower Upper
 83 100
 55 81.2 41.1 123.4
 98 47.3 24.0 72.0

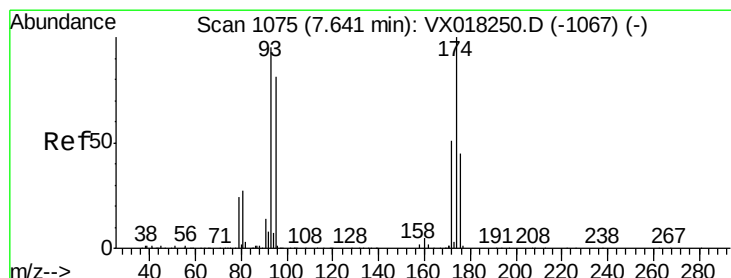
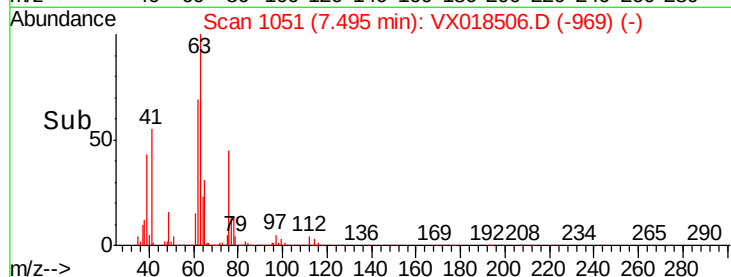
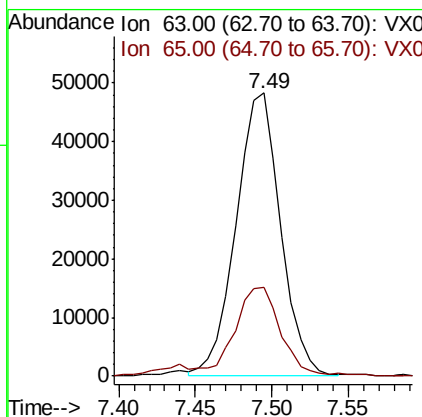
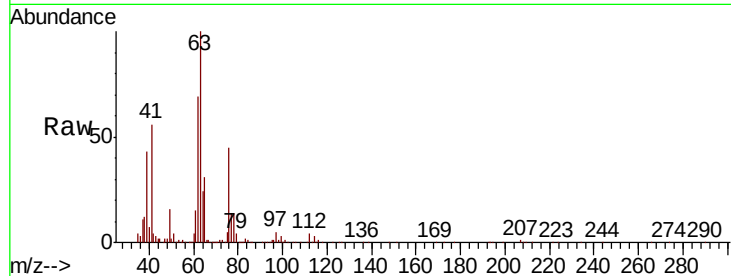




#39
 1,2-Dichloropropane
 Concen: 15.947 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

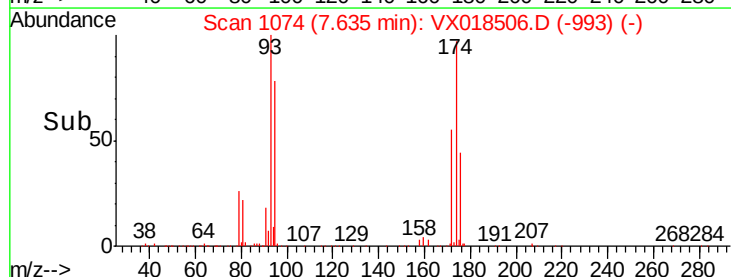
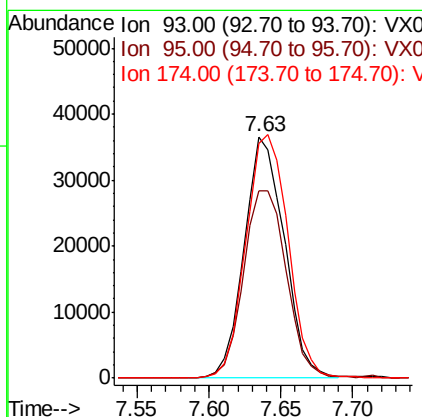
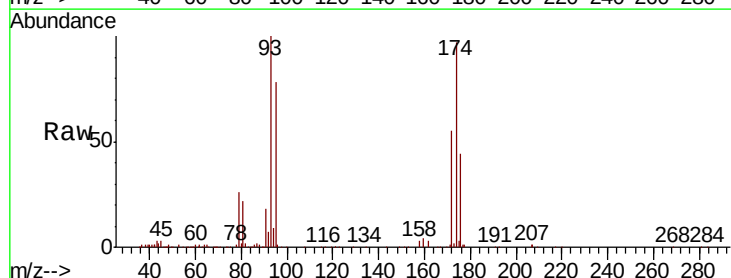
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

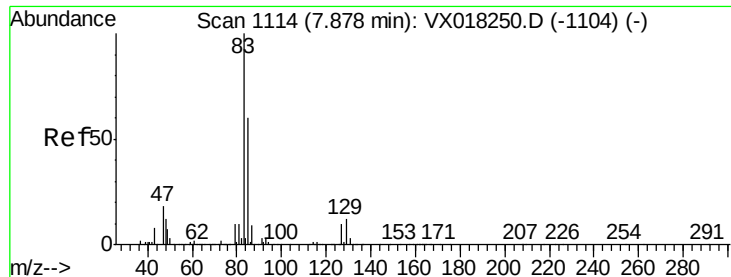
Tot Ion: 63 Resp: 97548
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.7 38.5



#40
 Dibromomethane
 Concen: 15.924 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

Tgt Ion: 93 Resp: 70342
 Ion Ratio Lower Upper
 93 100
 95 83.1 0.0 167.0
 174 106.3 0.0 202.0





#41

Bromodichloromethane

Concen: 15.964 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

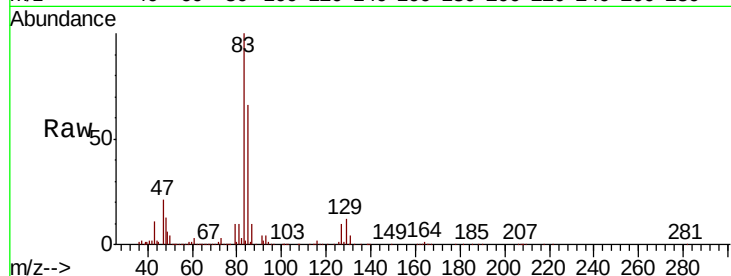
Tot Ion: 83 Resp: 146153

Ion Ratio Lower Upper

83 100

85 65.8 48.2 72.2

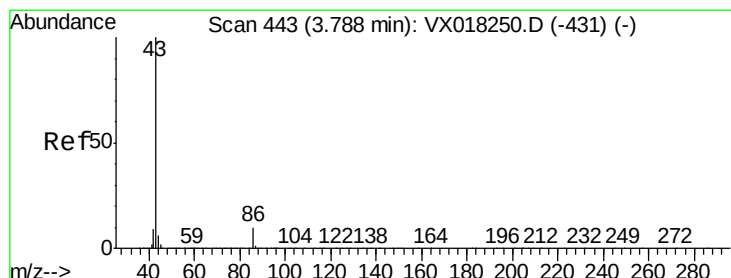
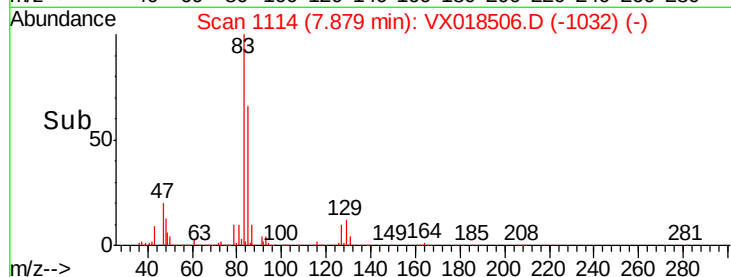
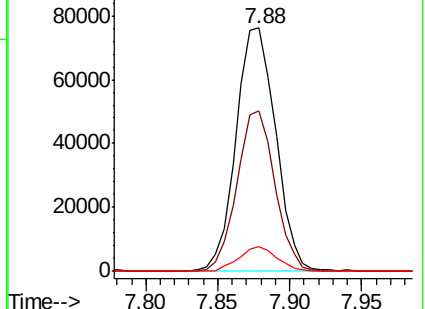
127 10.3 8.0 12.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 81.561 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018506.D

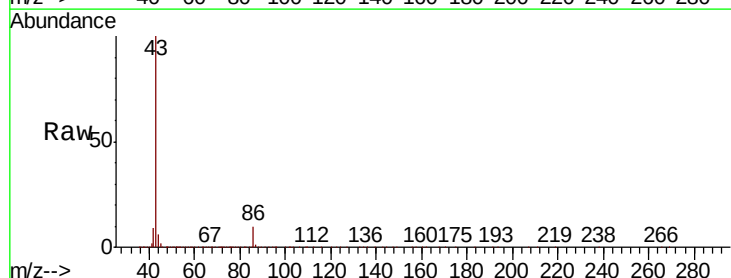
Acq: 18 Sep 2020 20:27

Tgt Ion: 43 Resp: 1333081

Ion Ratio Lower Upper

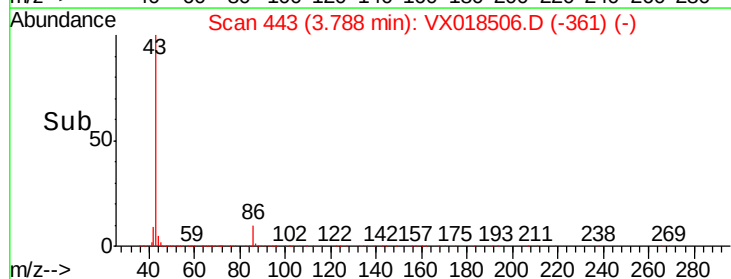
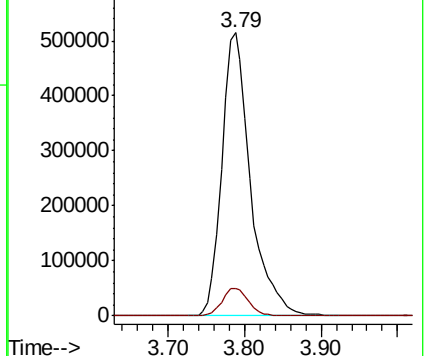
43 100

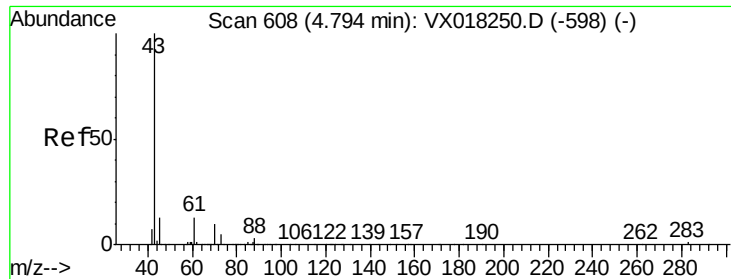
86 9.0 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

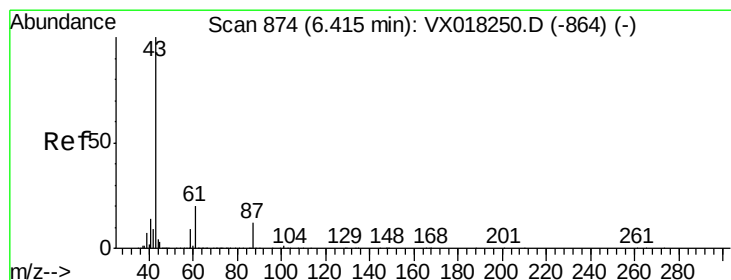
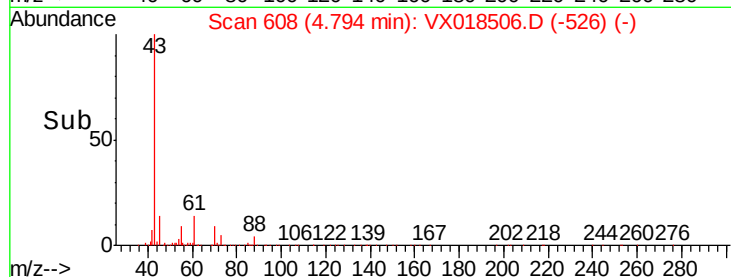
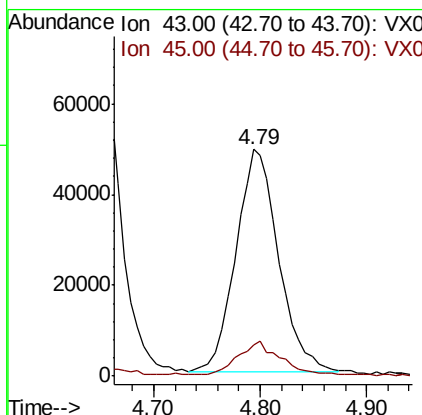
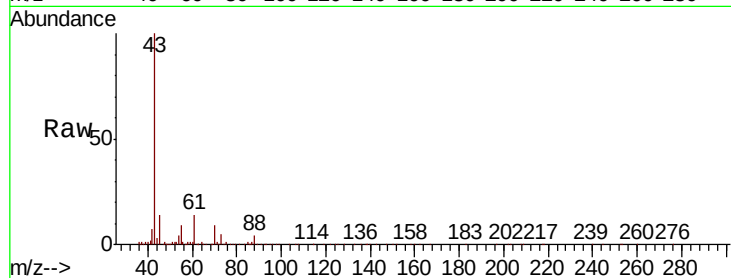




#43
Ethyl Acetate
Concen: 15.766 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

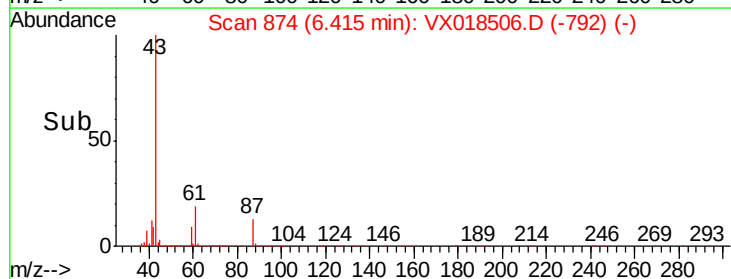
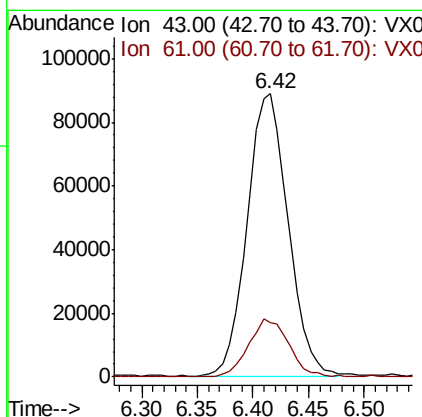
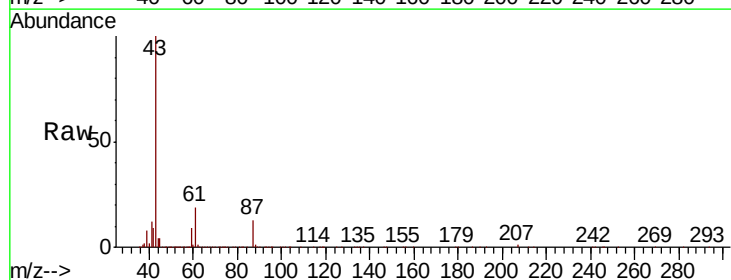
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

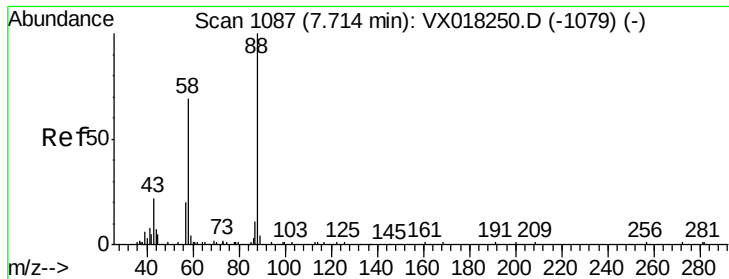
Tot Ion: 43 Resp: 137341
Ion Ratio Lower Upper
43 100
45 15.0 11.2 16.8



#44
Isopropyl Acetate
Concen: 16.276 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

Tgt Ion: 43 Resp: 228501
Ion Ratio Lower Upper
43 100
61 20.0 14.6 22.0

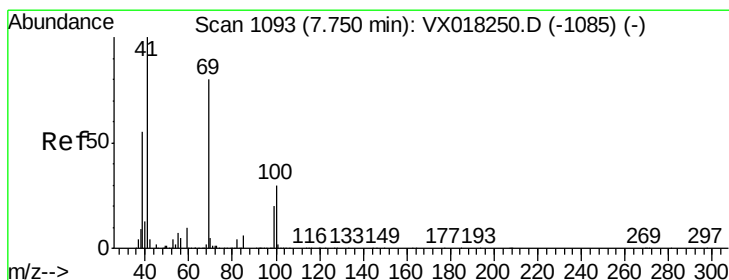
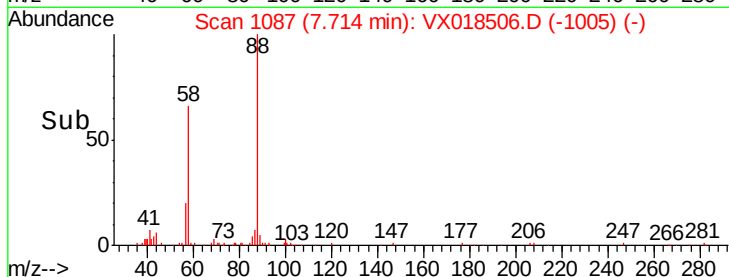
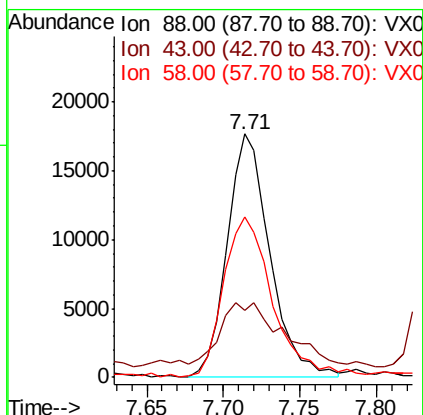
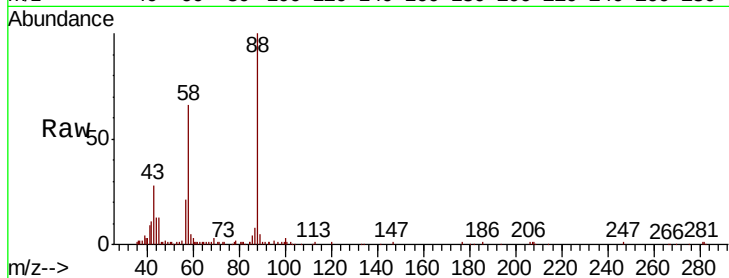




#45
 1,4-Dioxane
 Concen: 292.428 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

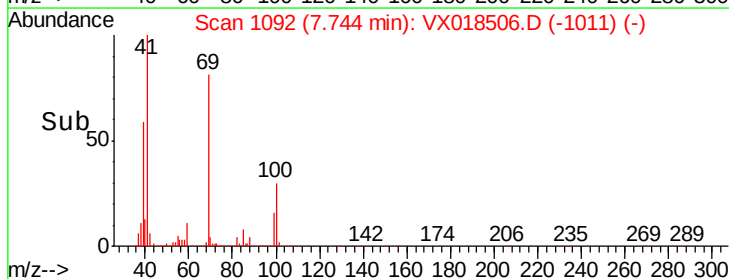
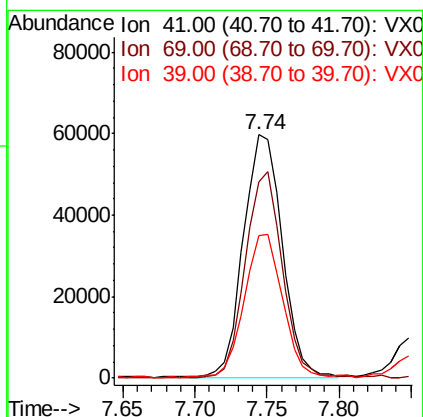
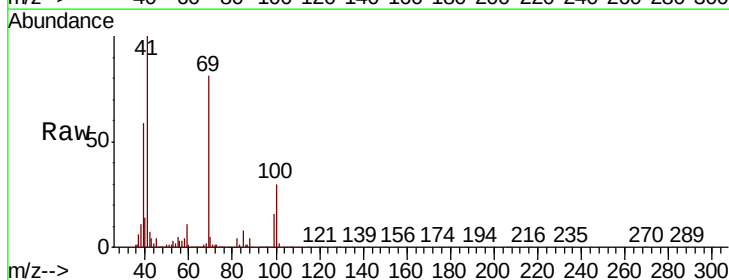
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

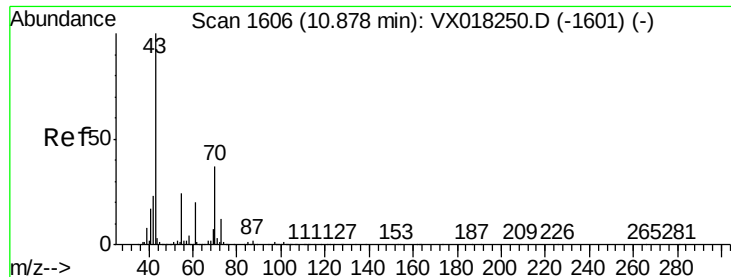
Tot Ion: 88 Resp: 34297
 Ion Ratio Lower Upper
 88 100
 43 33.0 13.6 20.4#
 58 76.3 58.2 87.4



#46
 Methyl methacrylate
 Concen: 16.042 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. -0.01 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

Tgt Ion: 41 Resp: 110840
 Ion Ratio Lower Upper
 41 100
 69 81.2 40.3 120.8
 39 58.5 27.3 81.9

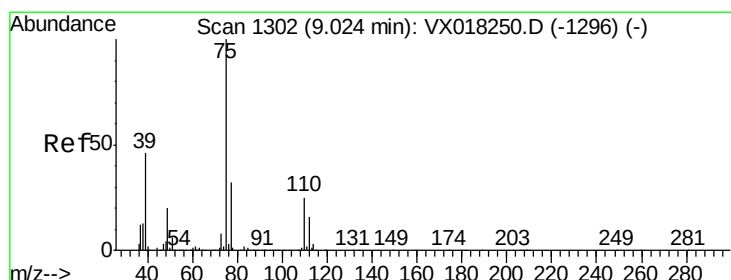
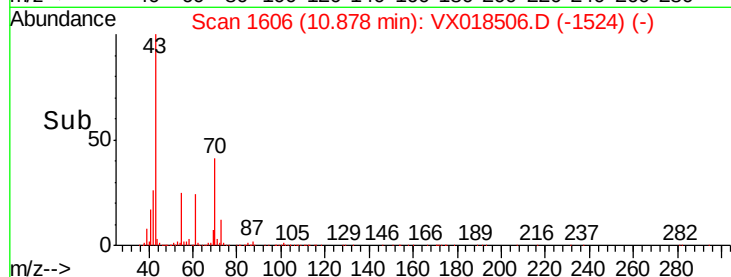
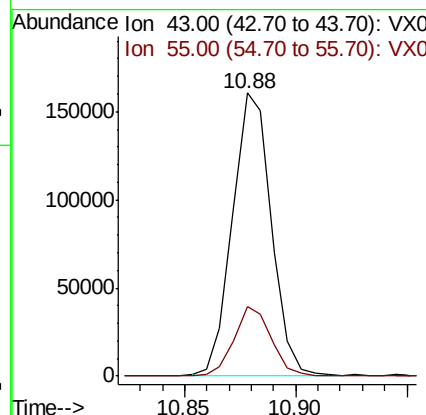
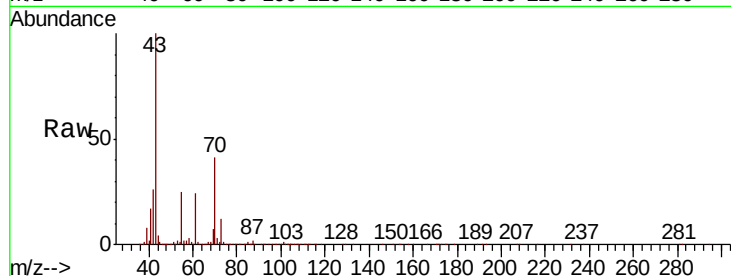




#47
n-amvl Acetate
Concen: 15.751 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

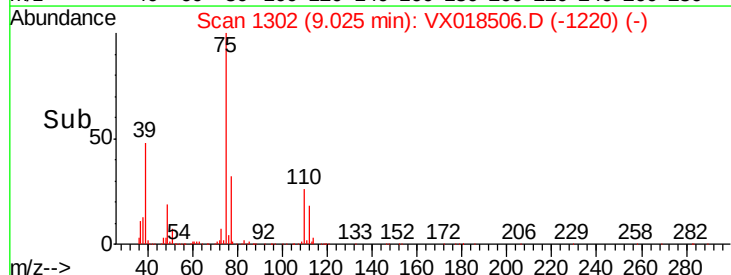
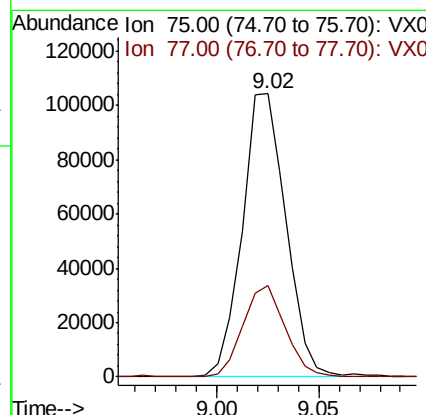
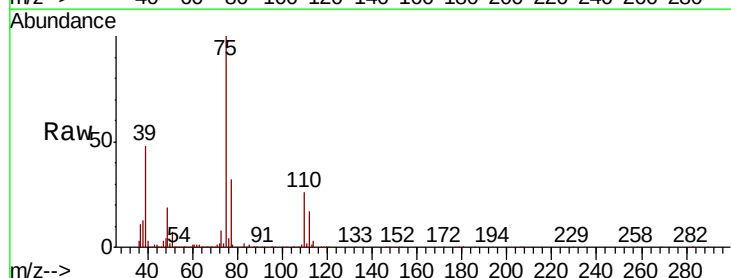
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

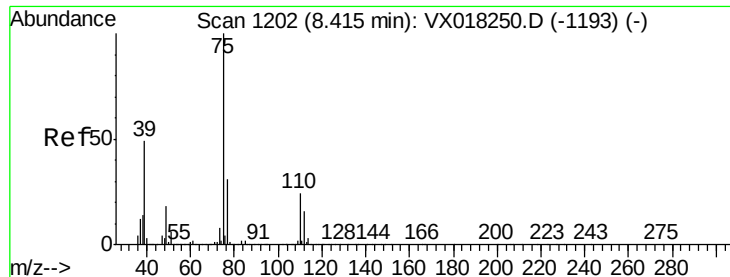
Tot Ion: 43 Resp: 194304
Ion Ratio Lower Upper
43 100
55 23.7 18.9 28.3



#48
t-1,3-Dichloropropene
Concen: 15.763 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

Tgt Ion: 75 Resp: 155020
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.2





#49

cis-1,3-Dichloropropene

Concen: 16.119 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020EC

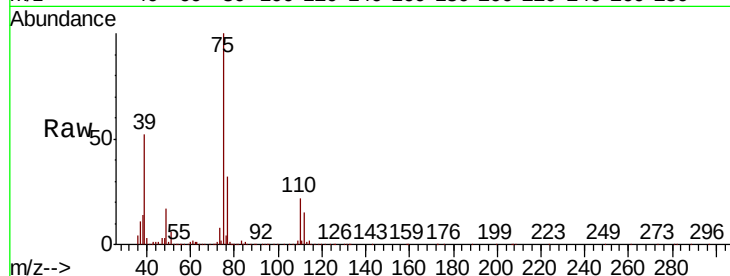
Tot Ion: 75 Resp: 166529

Ion Ratio Lower Upper

75 100

77 31.4 24.7 37.1

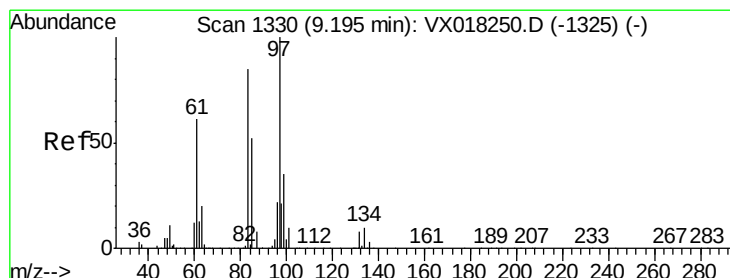
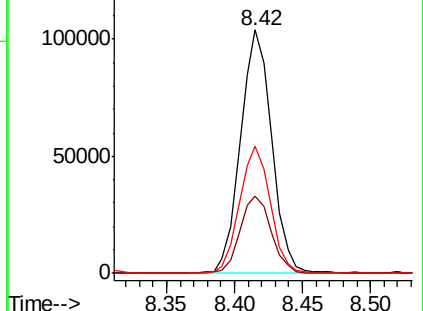
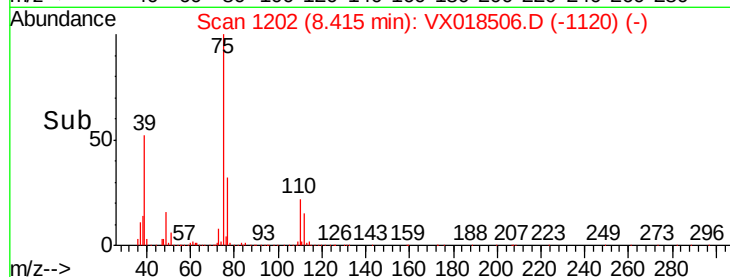
39 52.1 39.6 59.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#50

1,1,2-Trichloroethane

Concen: 15.594 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Tgt Ion: 97 Resp: 95986

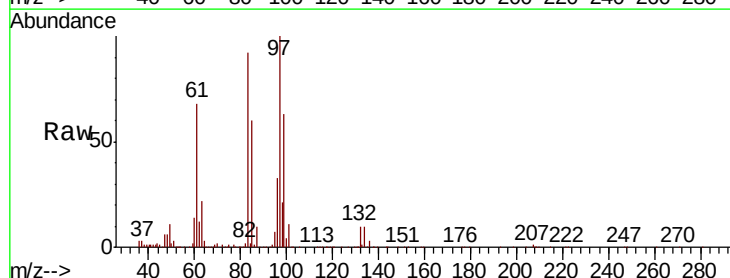
Ion Ratio Lower Upper

97 100

83 91.6 68.1 102.1

85 59.9 42.6 64.0

99 63.2 48.2 72.2

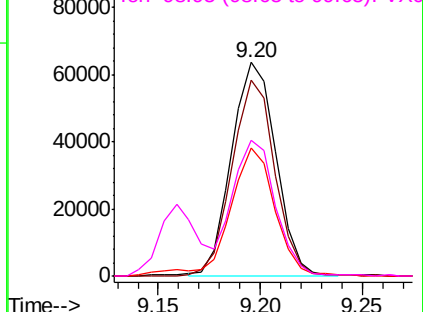
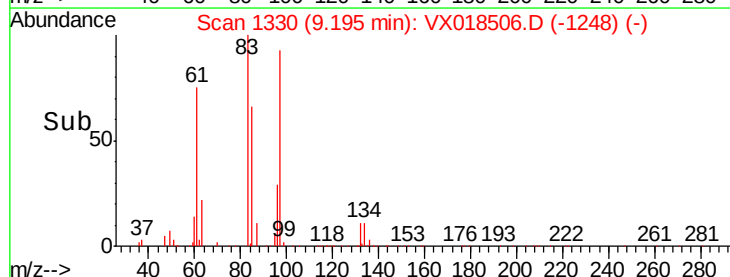


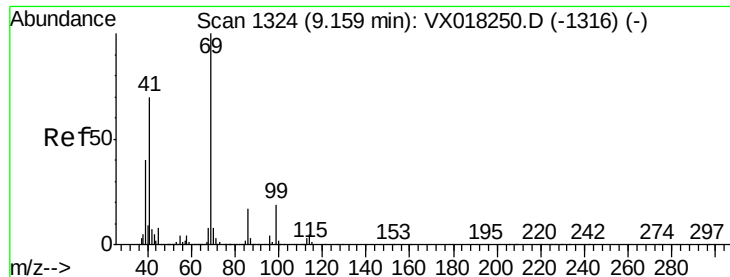
Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 82.95 (82.65 to 83.65): VX0

Ion 84.95 (84.65 to 85.65): VX0

Ion 98.95 (98.65 to 99.65): VX0





#51

Ethyl methacrylate

Concen: 16.207 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

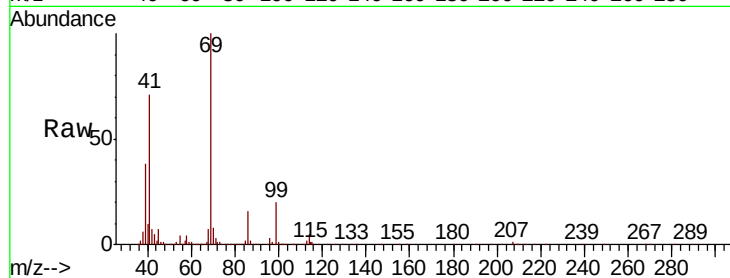
Tot Ion: 69 Resp: 144508

Ion Ratio Lower Upper

69 100

41 70.9 34.9 104.7

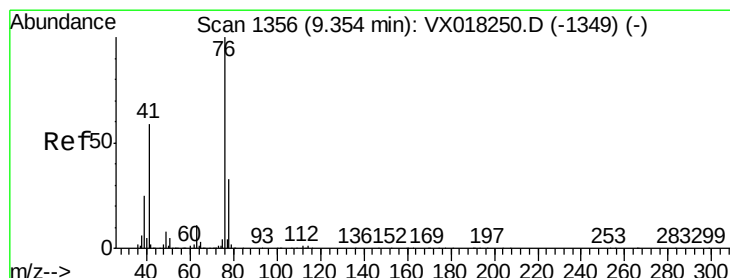
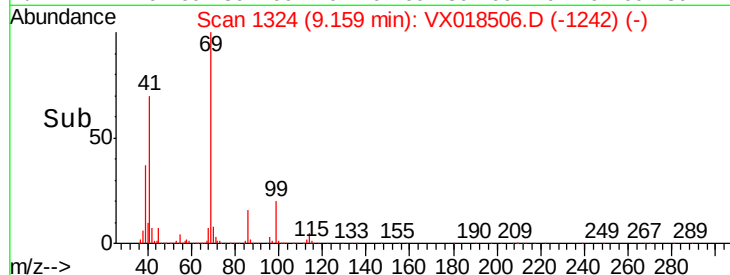
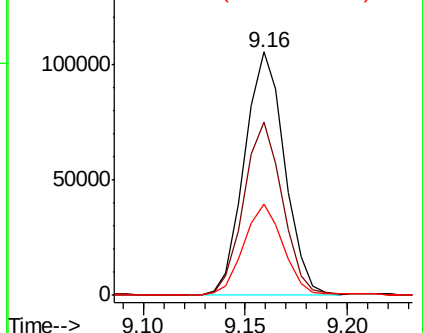
39 37.2 19.8 59.3



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 16.179 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018506.D

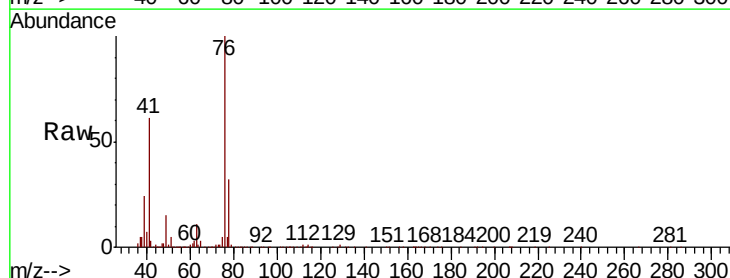
Acq: 18 Sep 2020 20:27

Tgt Ion: 76 Resp: 165301

Ion Ratio Lower Upper

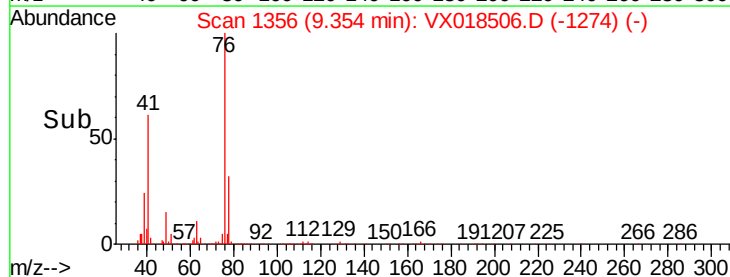
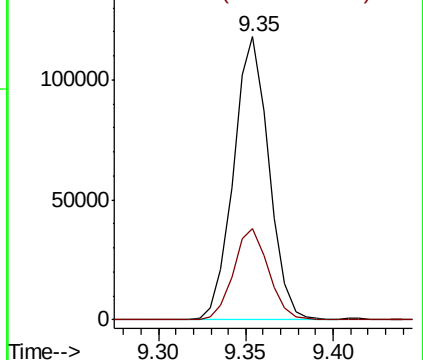
76 100

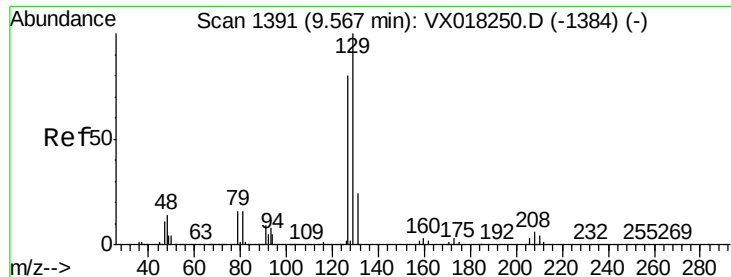
78 32.1 0.0 62.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 15.453 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

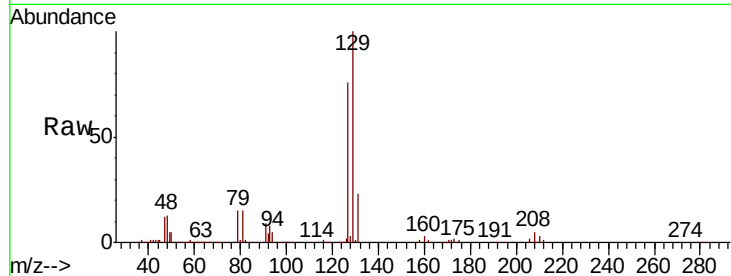
VSTDCCC020EC

Tot Ion:129 Resp: 118271

Ion Ratio Lower Upper

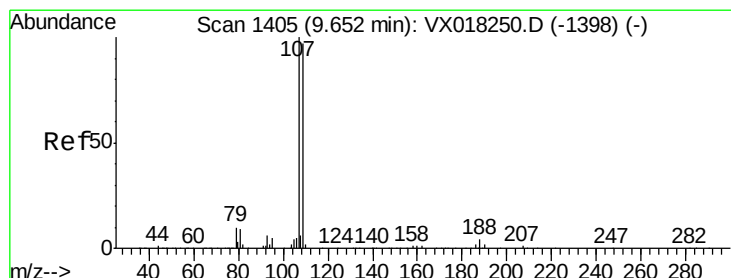
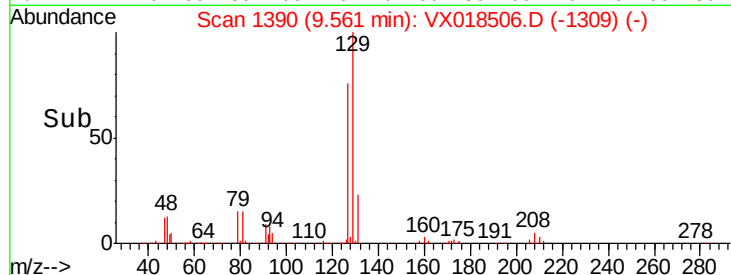
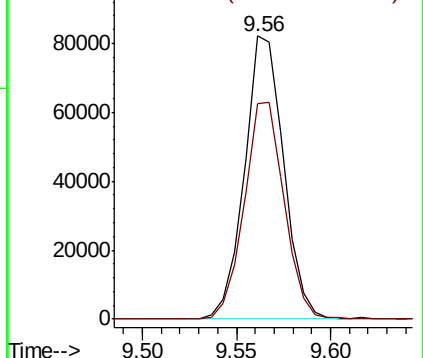
129 100

127 78.3 38.9 116.6



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 15.739 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018506.D

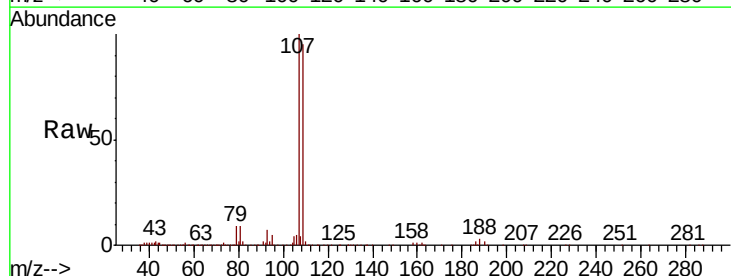
Acq: 18 Sep 2020 20:27

Tgt Ion:107 Resp: 106275

Ion Ratio Lower Upper

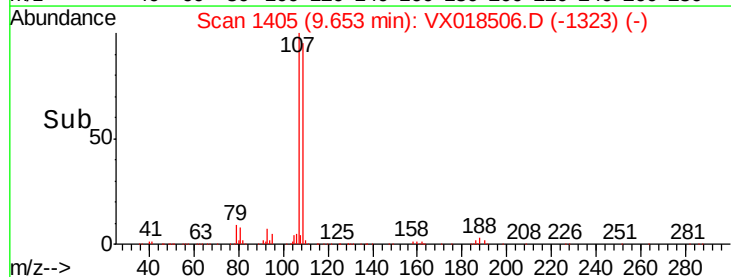
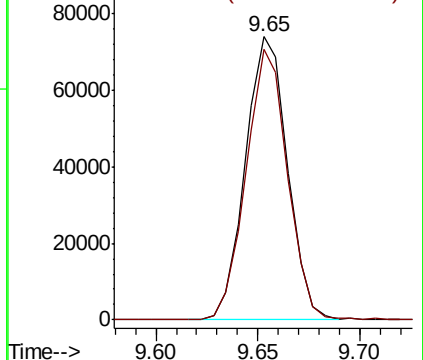
107 100

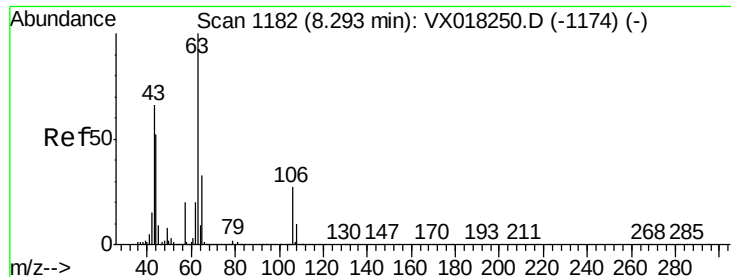
109 94.0 77.8 116.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

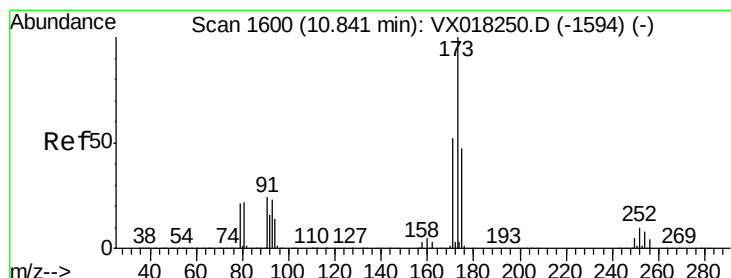
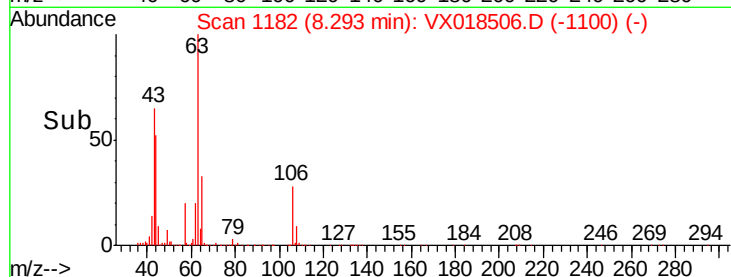
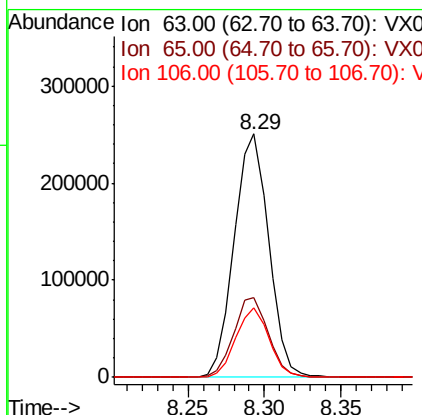
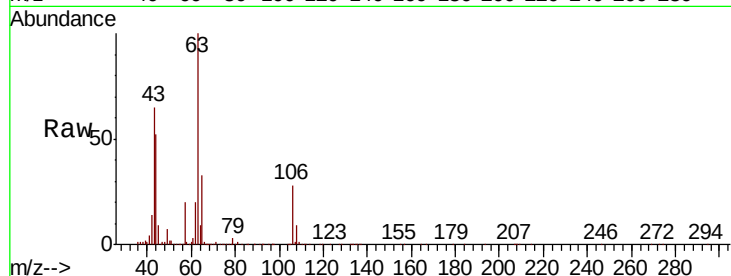




#55
2-Chloroethyl vinyl ether
Concen: 84.456 ug/l
RT: 8.29 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

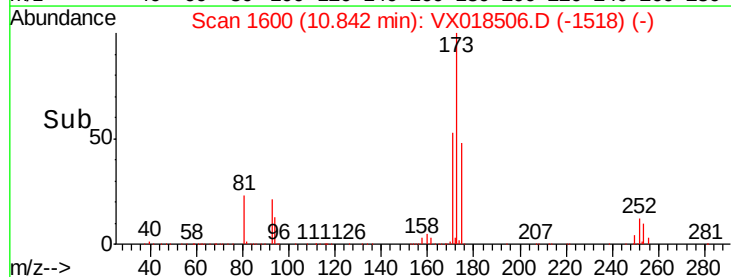
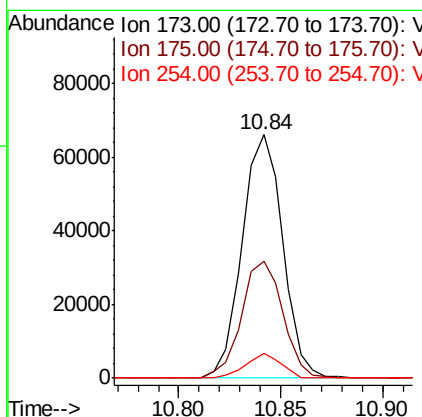
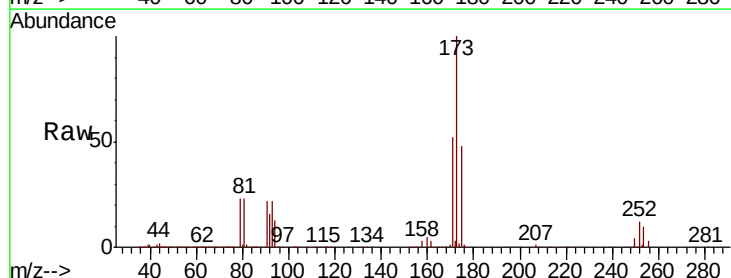
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

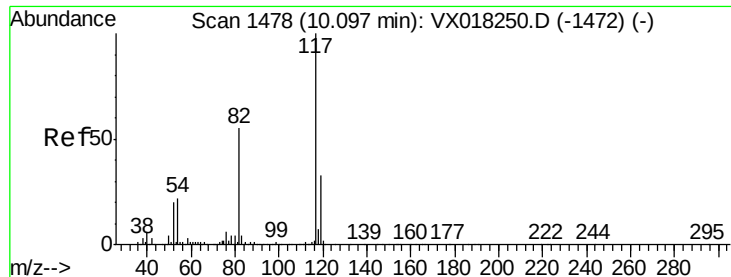
Tot Ion: 63 Resp: 393250
Ion Ratio Lower Upper
63 100
65 33.0 26.0 39.0
106 27.5 22.3 33.5



#56
Bromoform
Concen: 15.715 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

Tgt Ion: 173 Resp: 91385
Ion Ratio Lower Upper
173 100
175 48.9 40.2 60.2
254 8.7 7.3 10.9

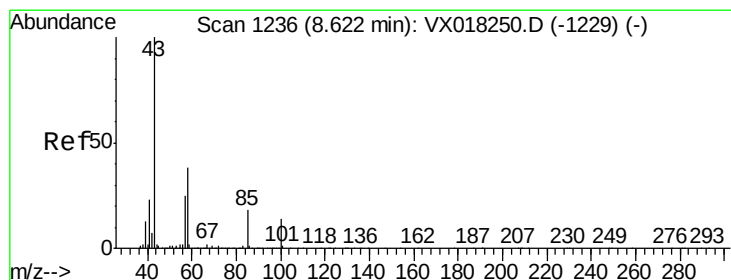
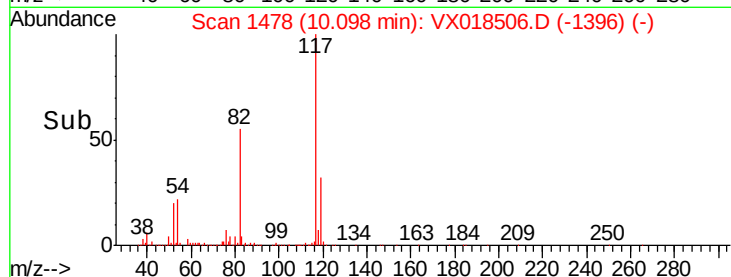
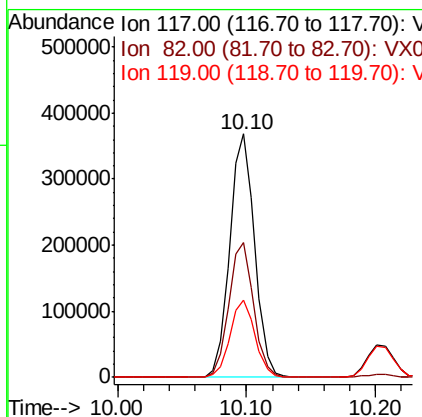
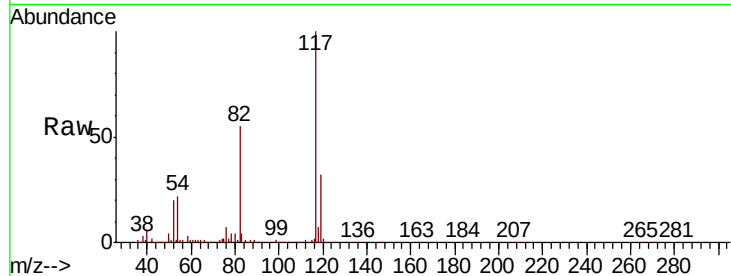




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

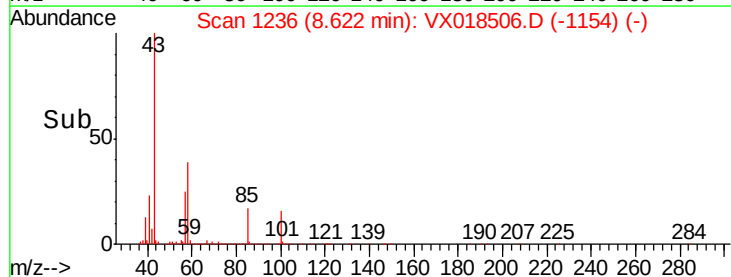
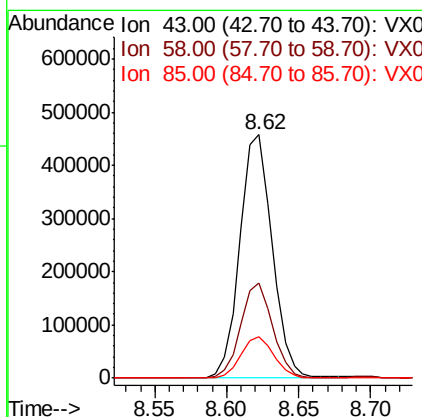
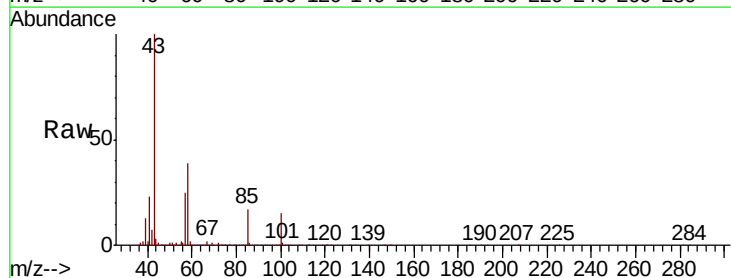
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

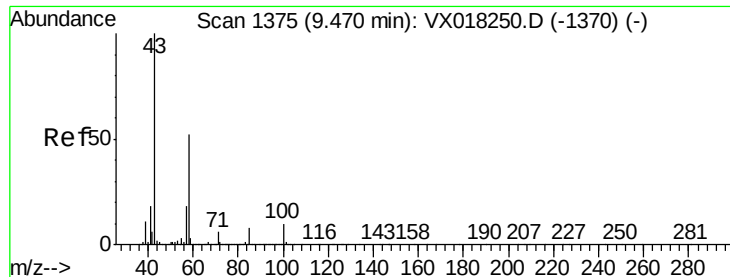
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.2	66.4
119	32.1	26.1	39.1



#58
4-Methyl-2-Pentanone
Concen: 83.222 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.3	30.0	45.0
85	17.4	14.2	21.4

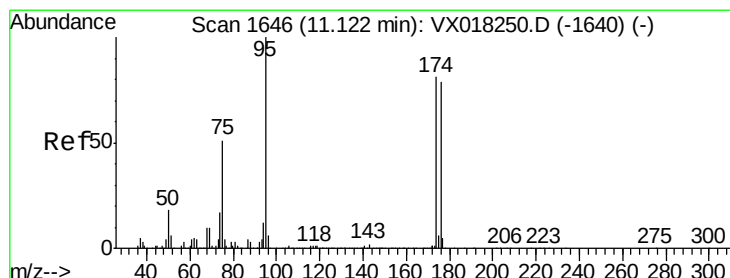
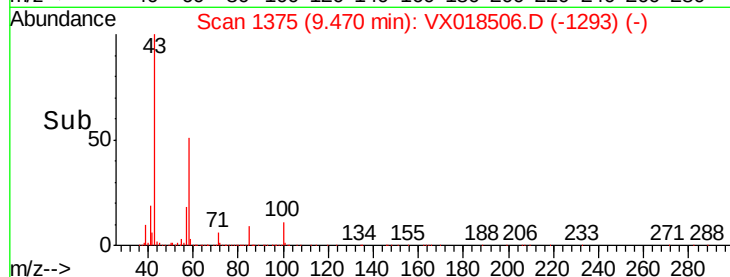
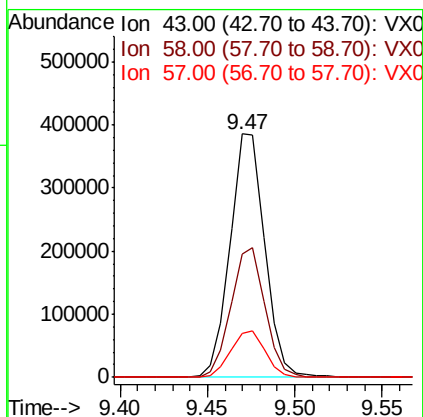
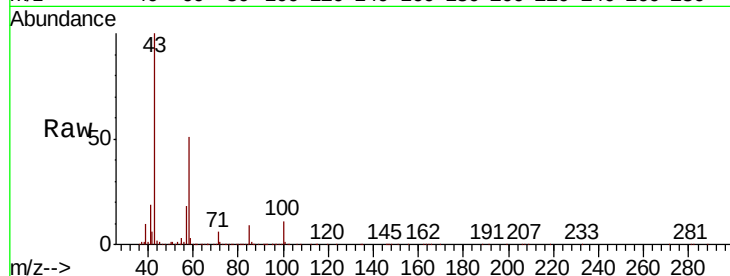




#59
2-Hexanone
Concen: 82.216 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

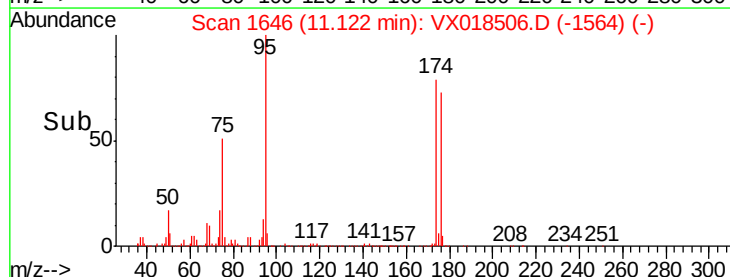
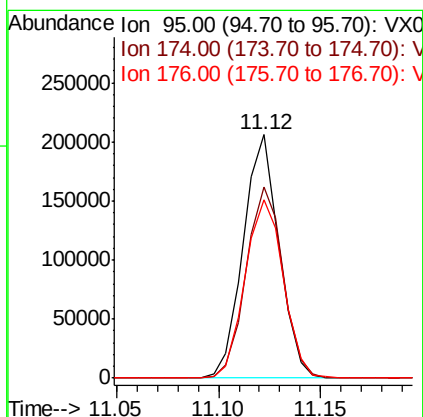
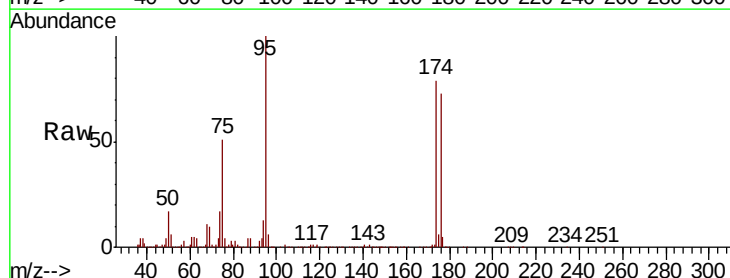
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

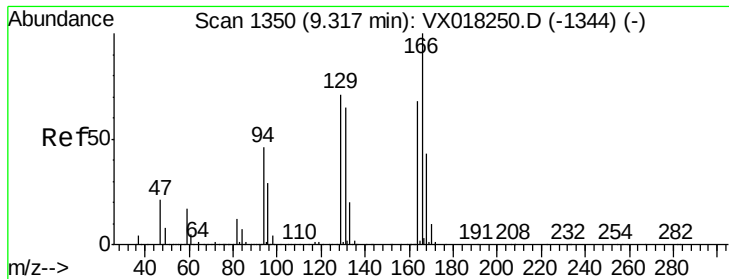
Tot Ion	Ratio	Lower	Upper
43	100		
58	52.3	42.5	63.7
57	18.9	14.8	22.2



#60
4-Bromofluorobenzene
Concen: 29.236 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.8	64.2	96.4
176	78.4	62.2	93.4





#61

Tetrachloroethene

Concen: 15.440 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 95747

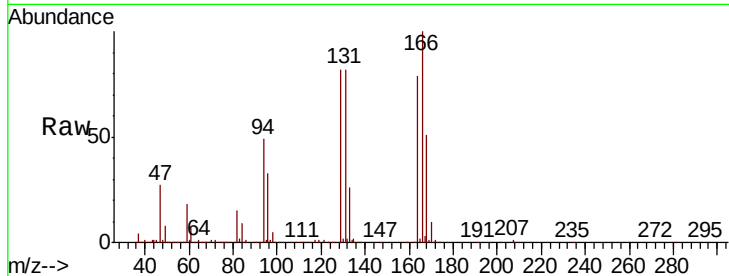
Ion Ratio Lower Upper

164 100

166 126.9 117.4 176.0

129 104.1 82.7 124.1

131 104.0 76.7 115.1

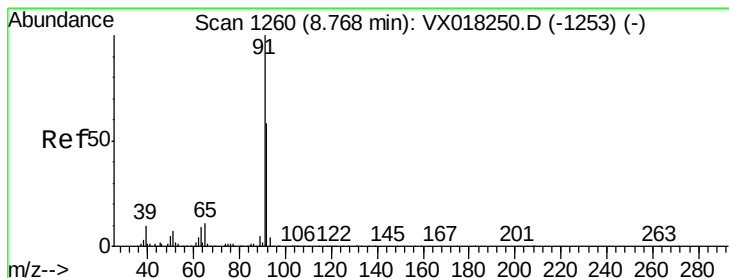
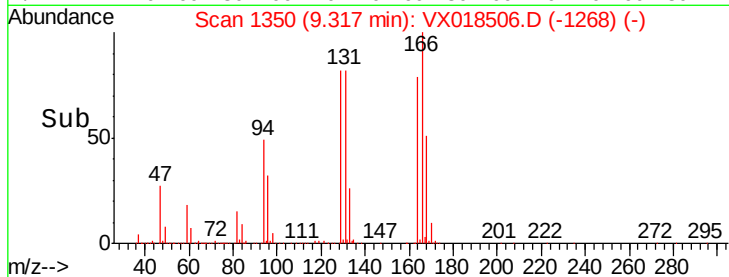
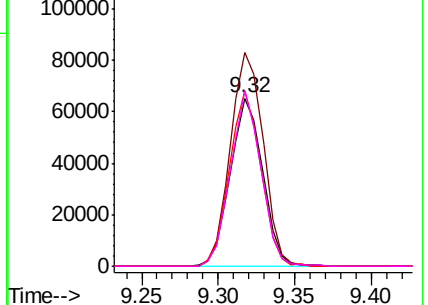


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 16.353 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018506.D

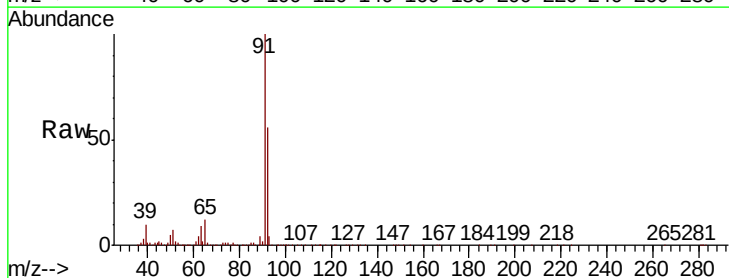
Acq: 18 Sep 2020 20:27

Tgt Ion: 91 Resp: 409207

Ion Ratio Lower Upper

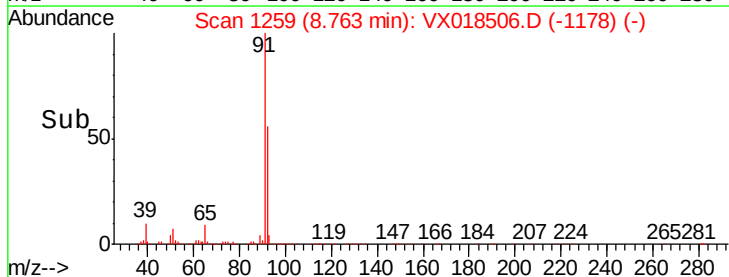
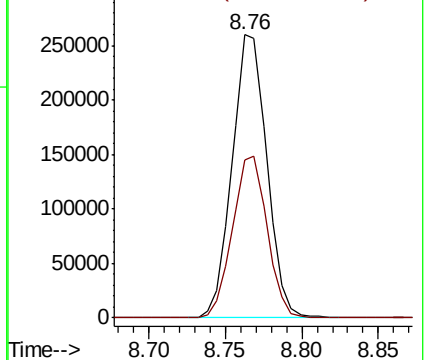
91 100

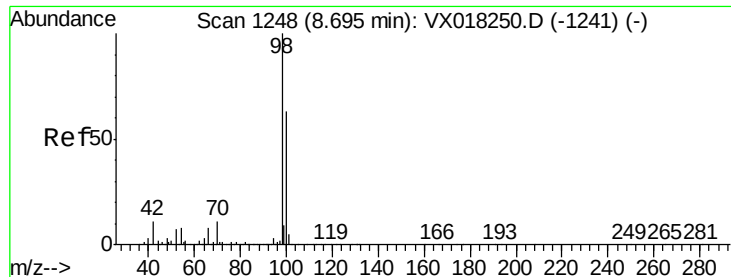
92 57.0 46.9 70.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.368 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

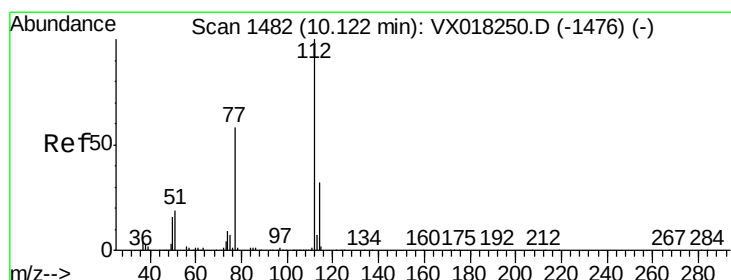
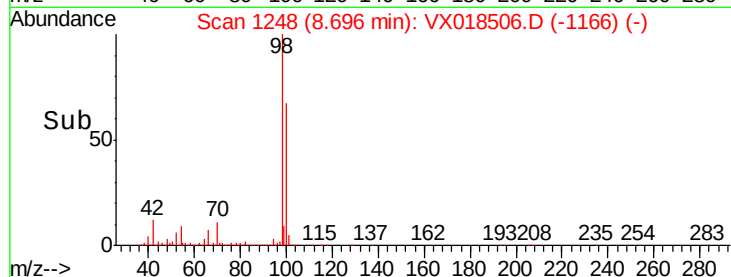
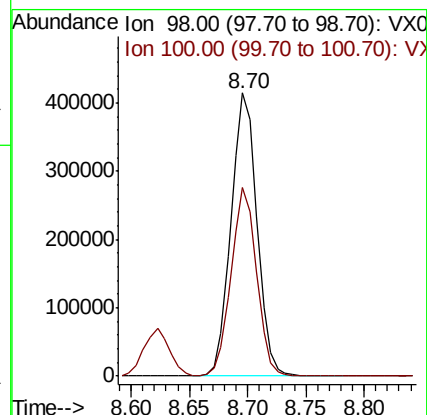
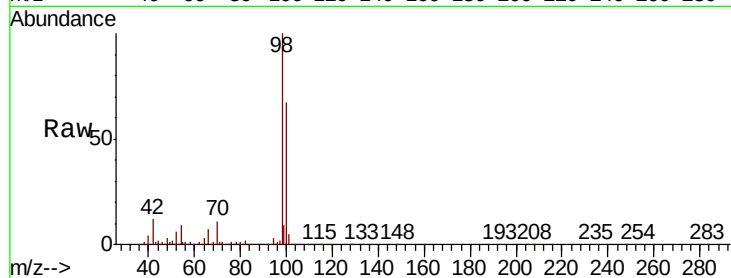
VSTDCCC020EC

Tot Ion: 98 Resp: 643598

Ion Ratio Lower Upper

98 100

100 65.4 51.4 77.0



#64

Chlorobenzene

Concen: 16.555 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018506.D

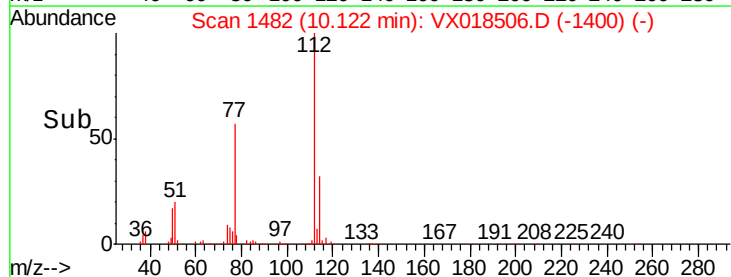
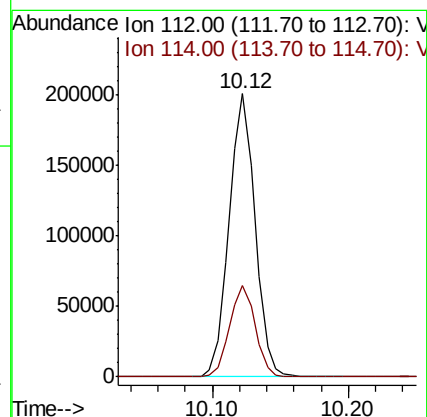
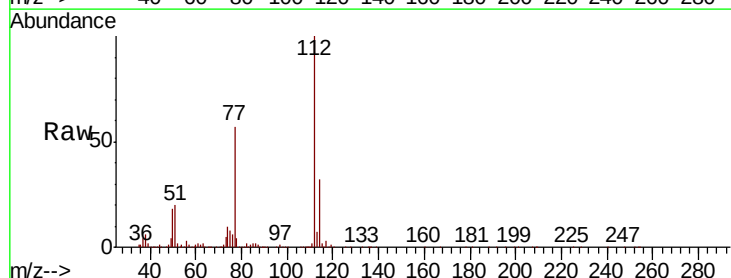
Acq: 18 Sep 2020 20:27

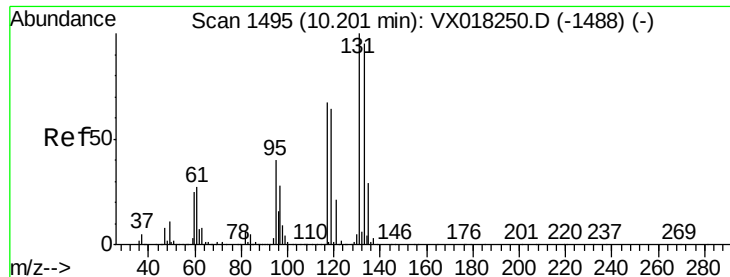
Tgt Ion: 112 Resp: 266207

Ion Ratio Lower Upper

112 100

114 32.1 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 15.787 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

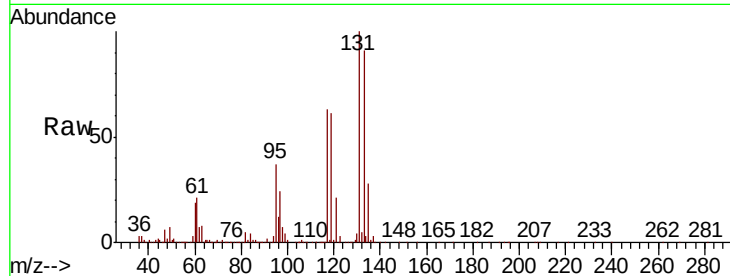
Tot Ion:131 Resp: 102809

Ion Ratio Lower Upper

131 100

133 99.5 0.0 197.2

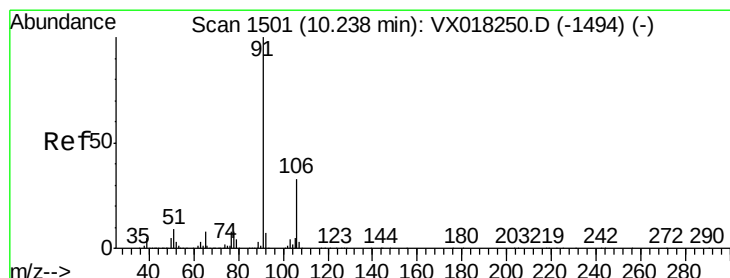
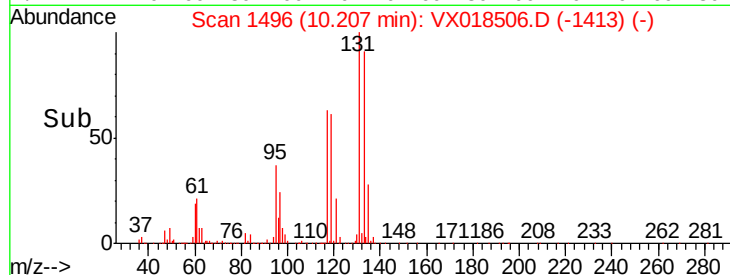
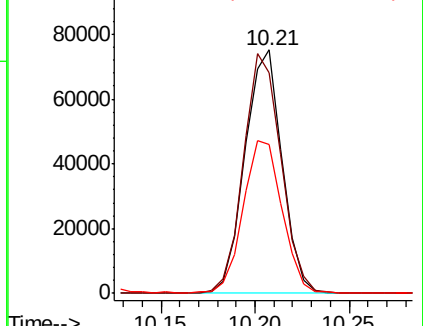
119 65.7 0.0 129.8



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 16.146 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018506.D

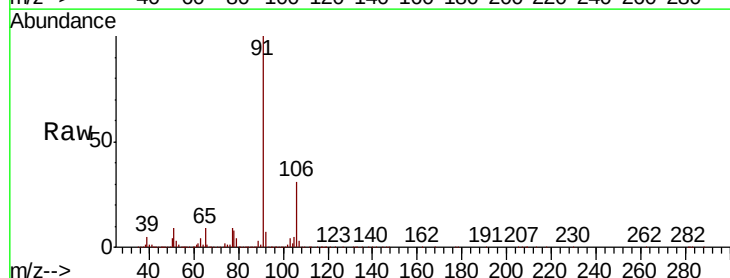
Acq: 18 Sep 2020 20:27

Tgt Ion: 91 Resp: 446419

Ion Ratio Lower Upper

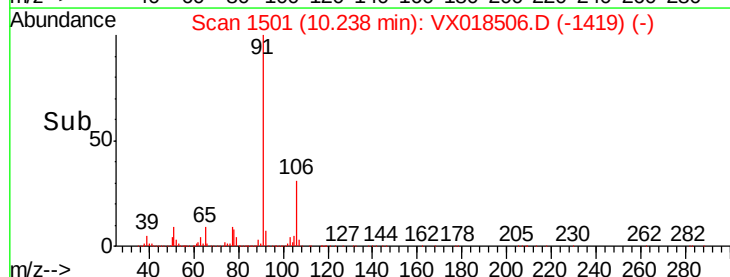
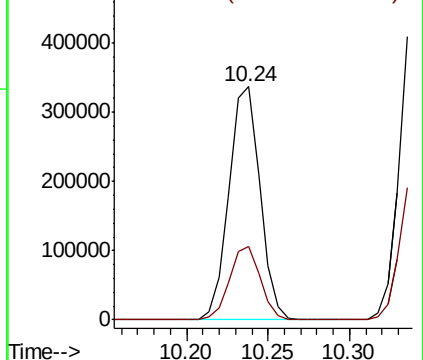
91 100

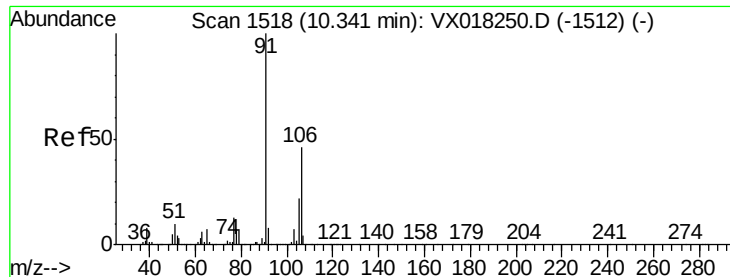
106 31.4 26.3 39.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

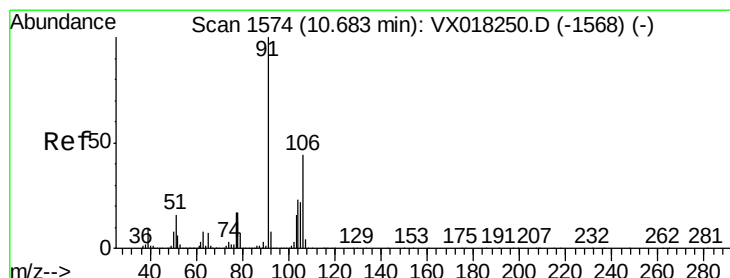
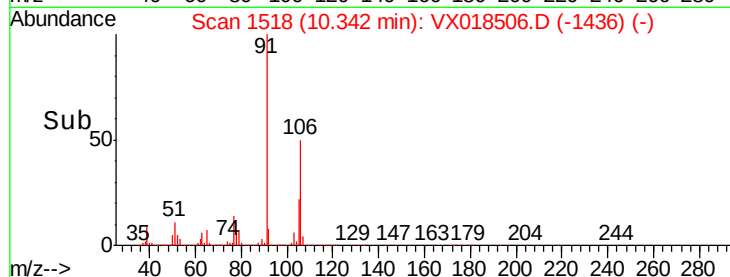
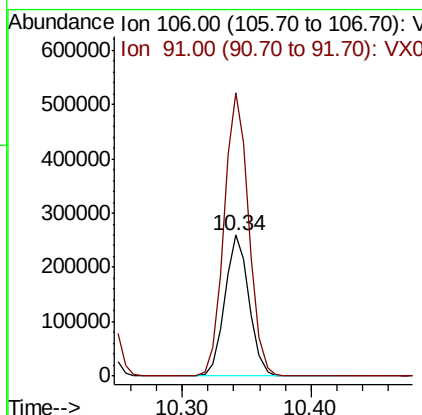
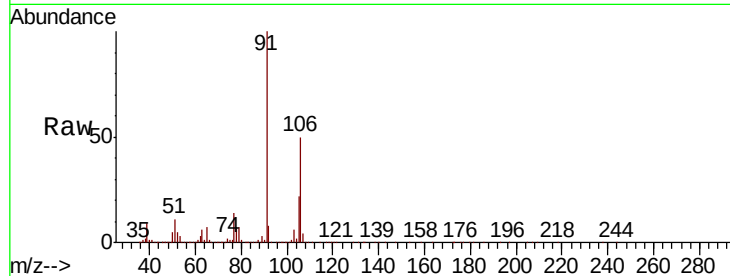




#67
m/p-Xylenes
Concen: 32.579 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

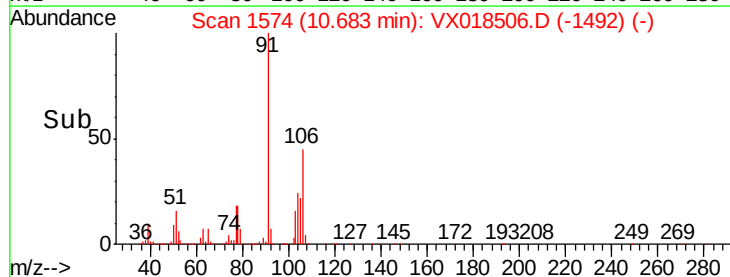
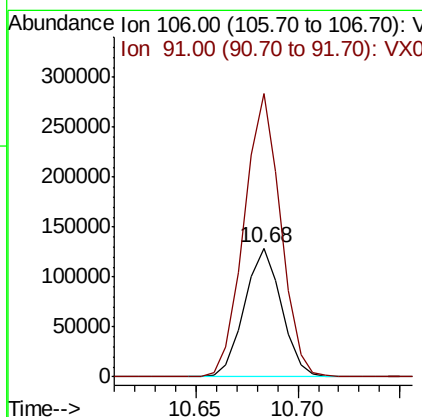
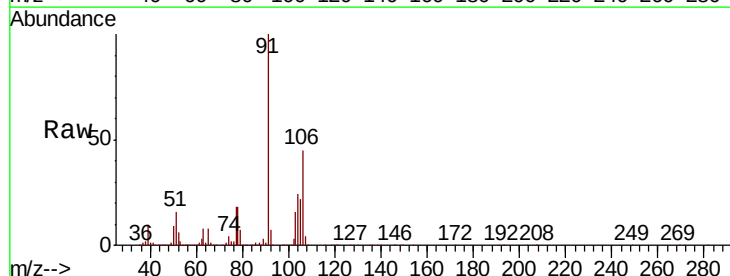
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

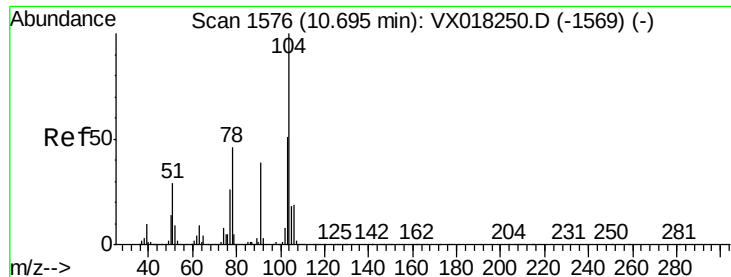
Tot Ion:106 Resp: 344488
Ion Ratio Lower Upper
106 100
91 203.9 166.2 249.2



#68
o-Xylene
Concen: 16.252 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

Tgt Ion:106 Resp: 162378
Ion Ratio Lower Upper
106 100
91 217.2 109.2 327.6

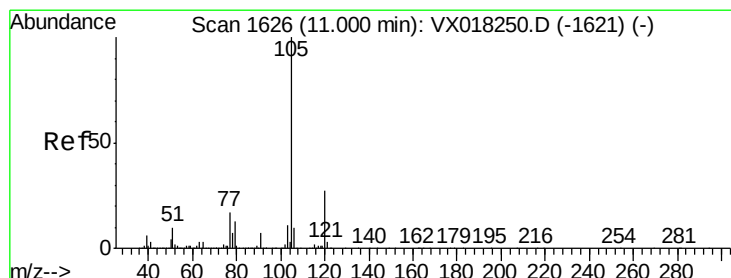
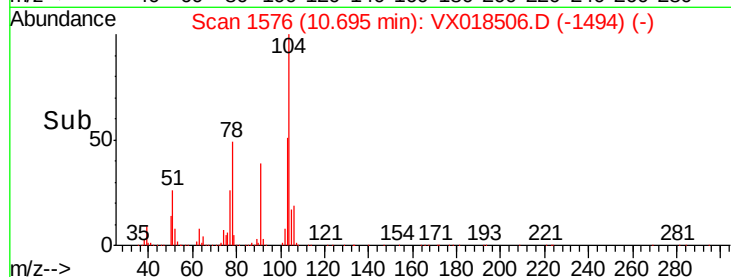
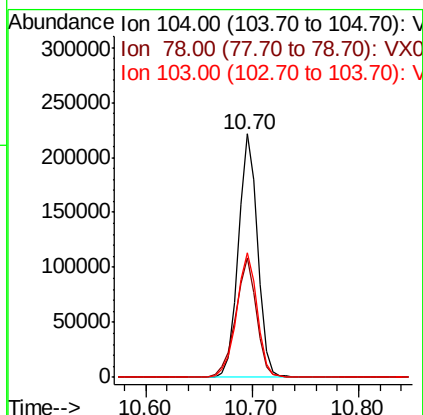
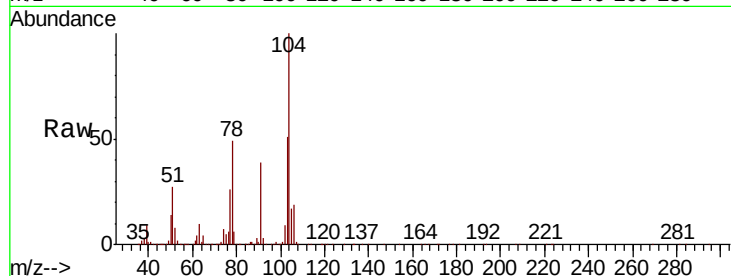




#69
Stvrene
Concen: 16.164 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

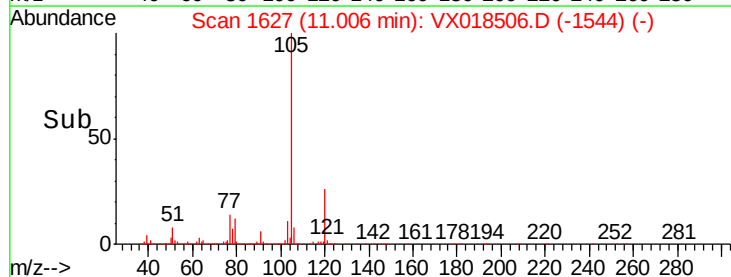
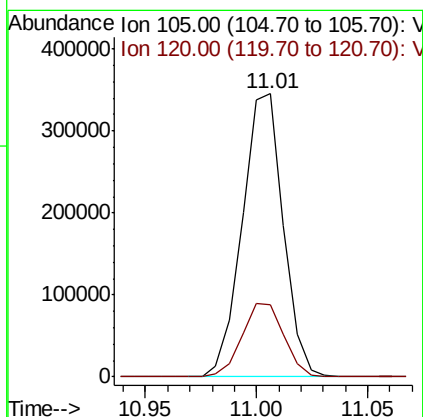
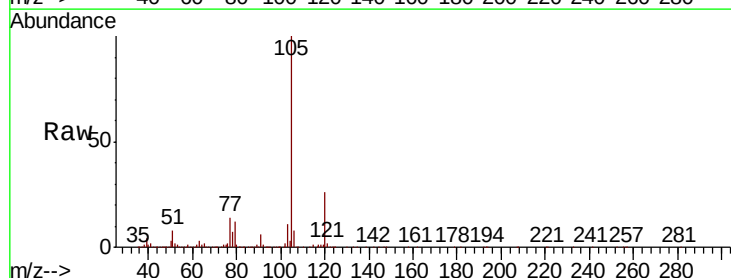
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

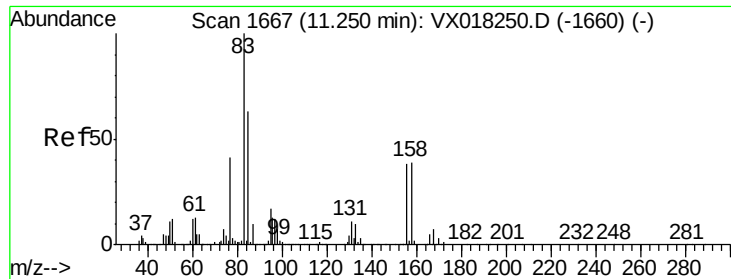
Tot Ion:104 Resp: 281754
Ion Ratio Lower Upper
104 100
78 53.0 41.7 62.5
103 54.8 44.2 66.2



#70
Isopropylbenzene
Concen: 15.934 ug/l
RT: 11.01 min Scan# 1627
Delta R.T. 0.01 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

Tgt Ion:105 Resp: 442719
Ion Ratio Lower Upper
105 100
120 26.7 18.7 34.7





#71

1,1,2,2-Tetrachloroethane

Concen: 16.519 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

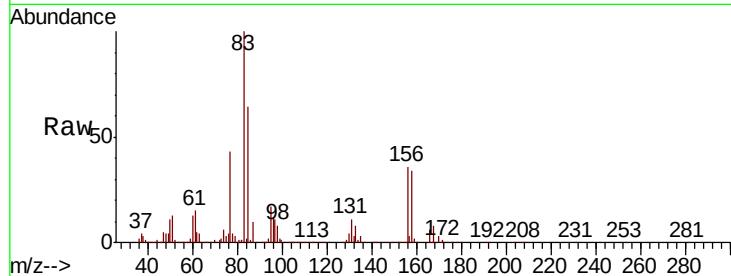
Tot Ion: 83 Resp: 149988

Ion Ratio Lower Upper

83 100

131 11.7 5.8 17.3

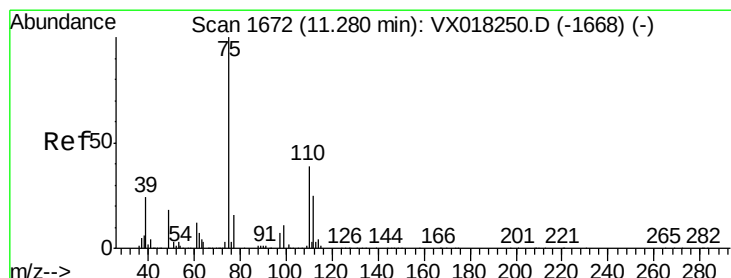
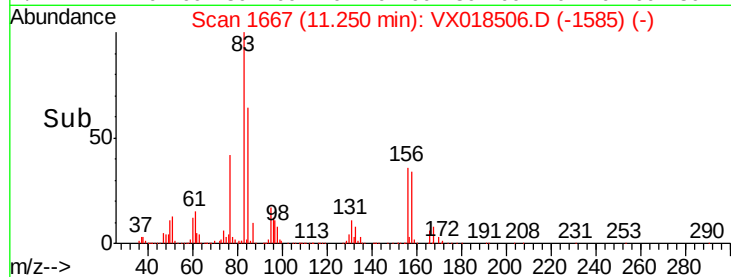
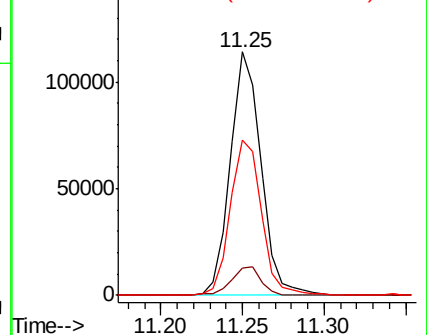
85 64.9 31.3 93.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 19.607 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018506.D

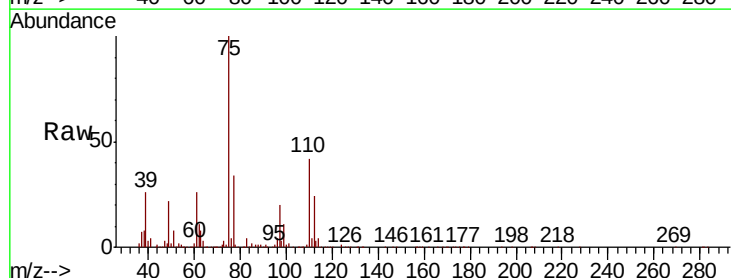
Acq: 18 Sep 2020 20:27

Tgt Ion: 75 Resp: 171038

Ion Ratio Lower Upper

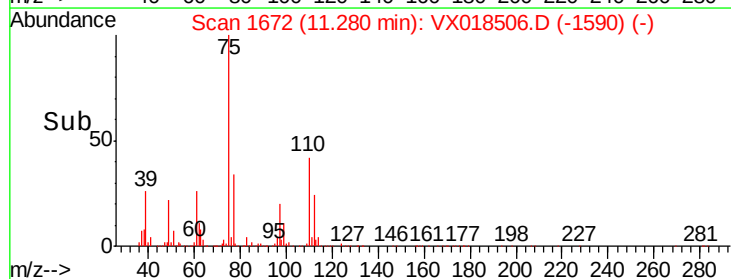
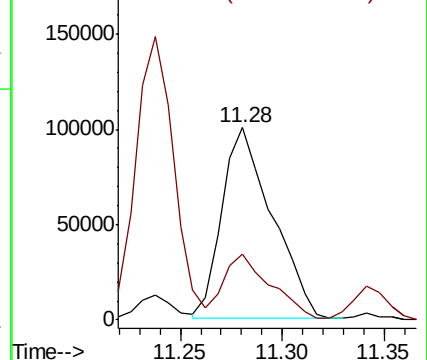
75 100

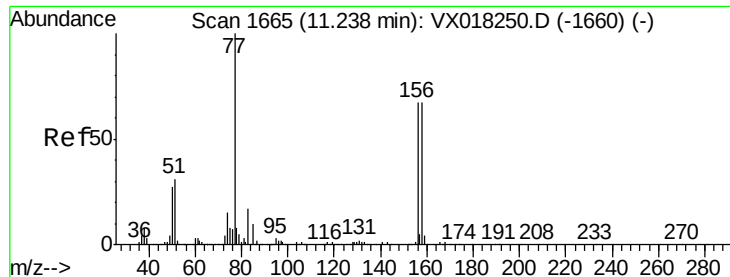
77 30.7 0.0 74.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 16.478 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

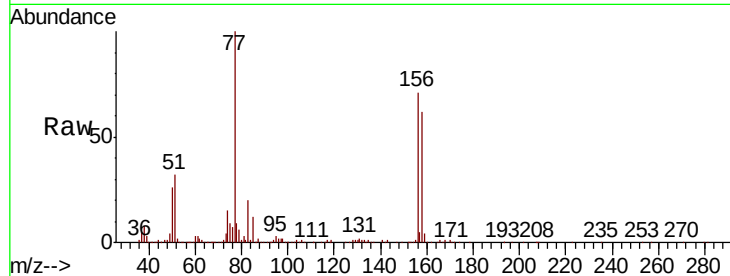
Tot Ion:156 Resp: 125428

Ion Ratio Lower Upper

156 100

77 153.9 0.0 311.0

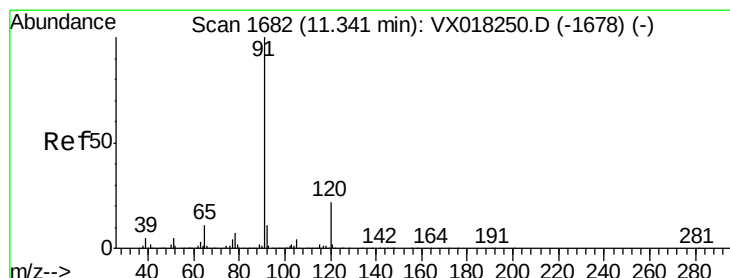
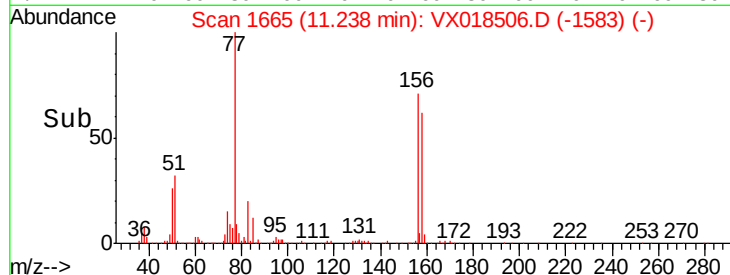
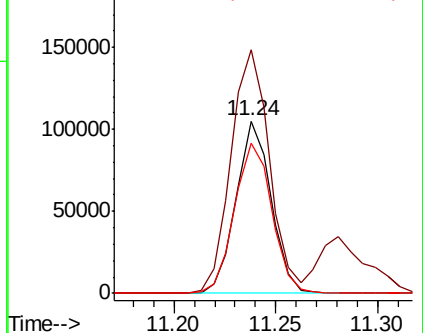
158 92.8 0.0 194.4



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 15.886 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018506.D

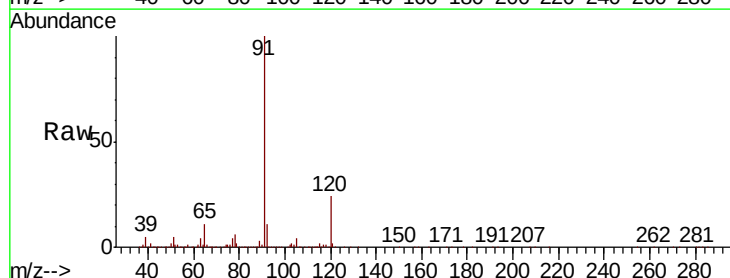
Acq: 18 Sep 2020 20:27

Tgt Ion: 91 Resp: 519721

Ion Ratio Lower Upper

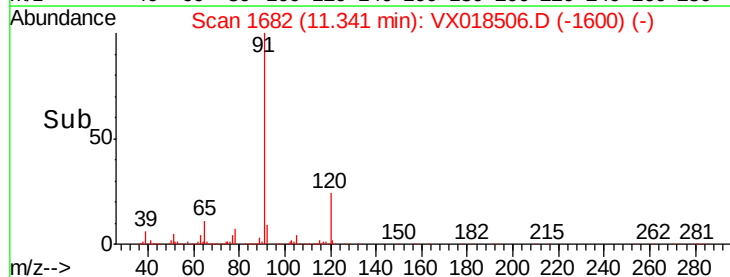
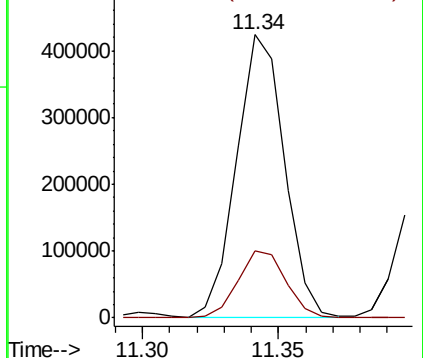
91 100

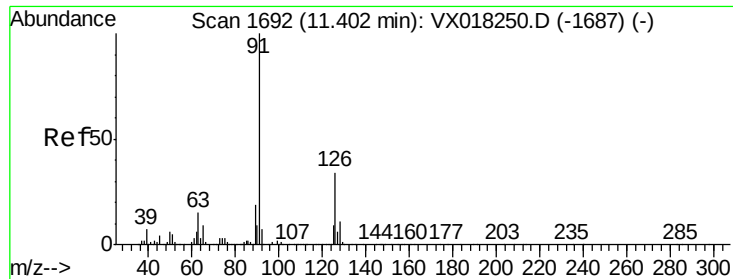
120 23.8 0.0 45.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

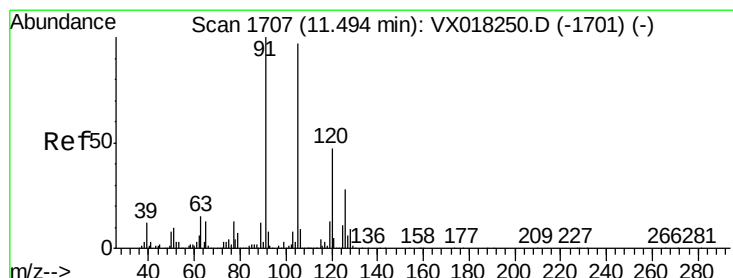
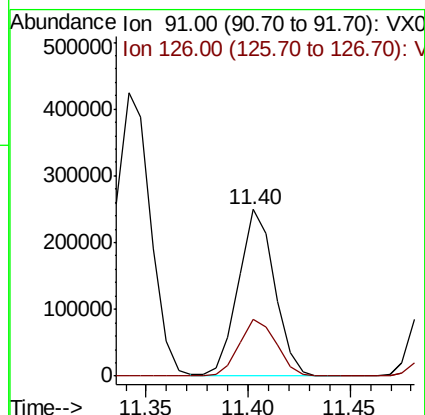
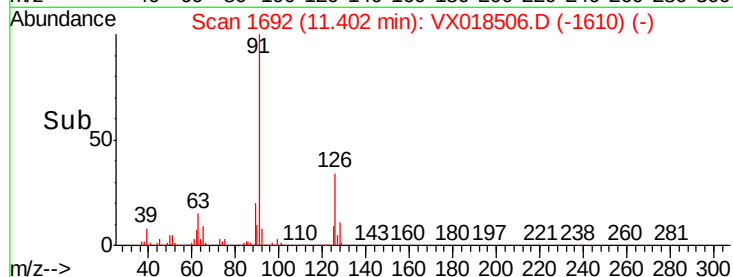
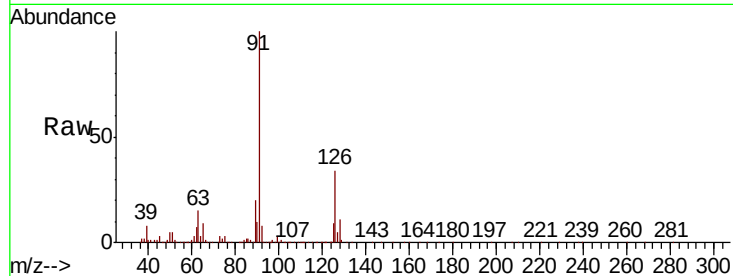




#75
 2-Chlorotoluene
 Concen: 15.537 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

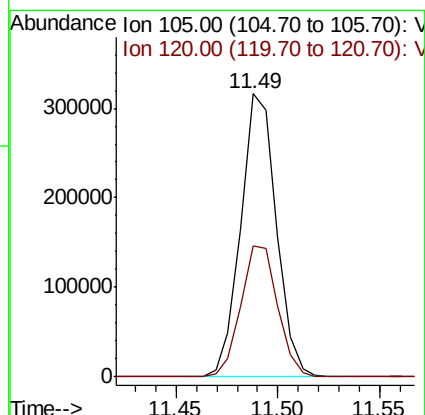
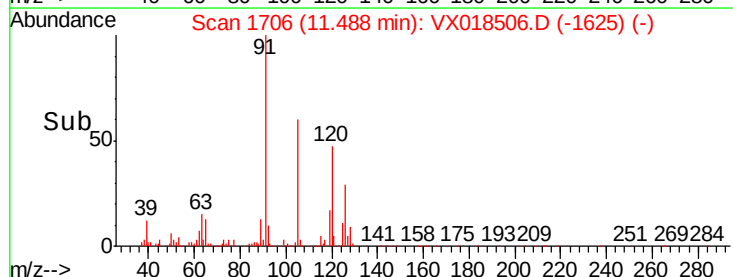
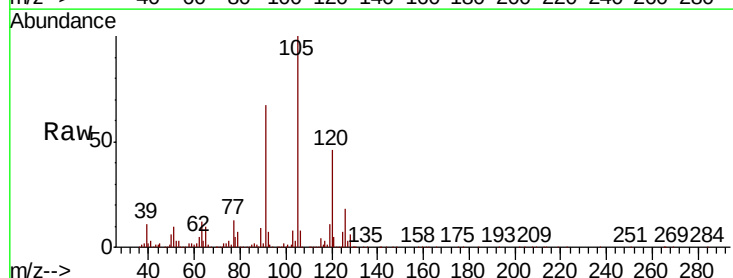
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

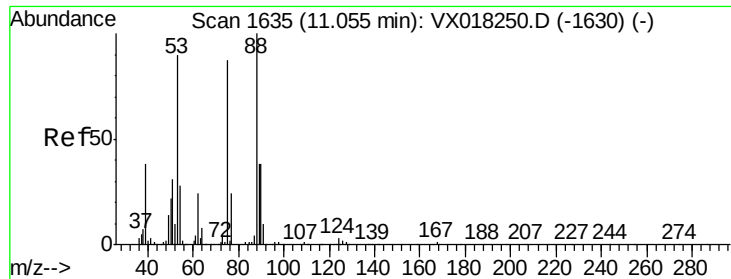
Tot Ion: 91 Resp: 308077
 Ion Ratio Lower Upper
 91 100
 126 34.8 0.0 68.4



#76
 1,3,5-Trimethylbenzene
 Concen: 15.799 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

Tgt Ion: 105 Resp: 382409
 Ion Ratio Lower Upper
 105 100
 120 48.0 0.0 95.0





#77

t-1,4-Dichloro-2-butene

Concen: 13.958 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

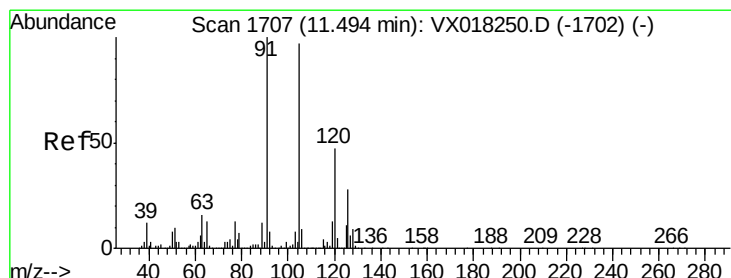
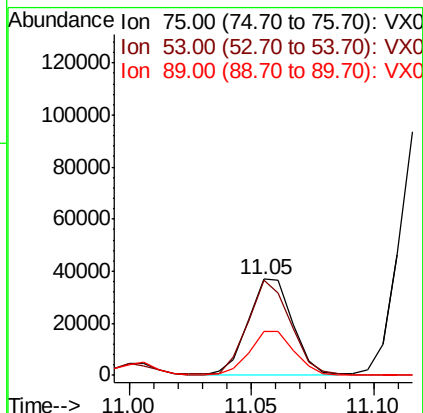
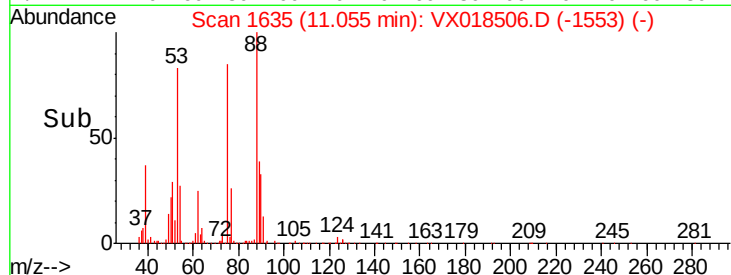
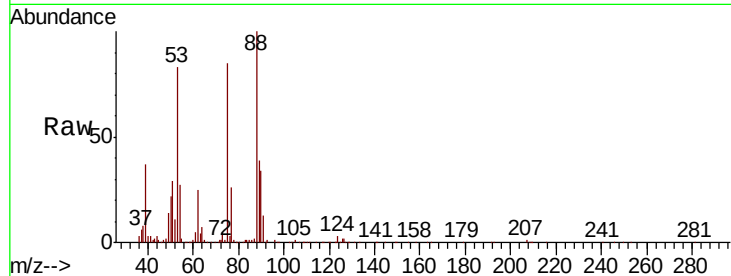
Tot Ion: 75 Resp: 47319

Ion Ratio Lower Upper

75 100

53 97.3 52.1 156.4

89 45.7 22.1 66.3



#78

4-Chlorotoluene

Concen: 15.853 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018506.D

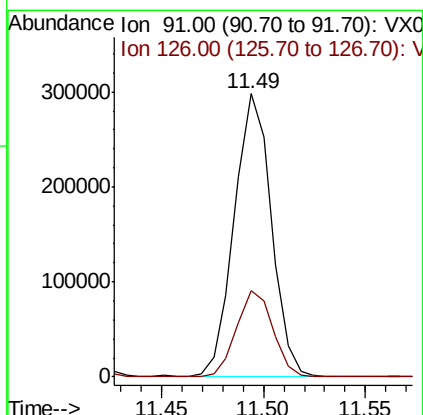
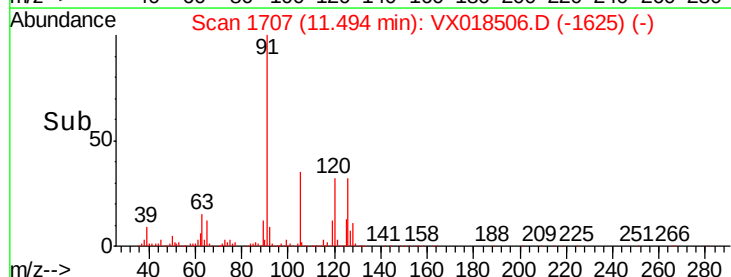
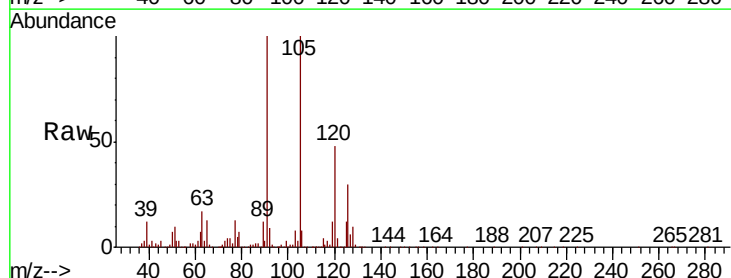
Acq: 18 Sep 2020 20:27

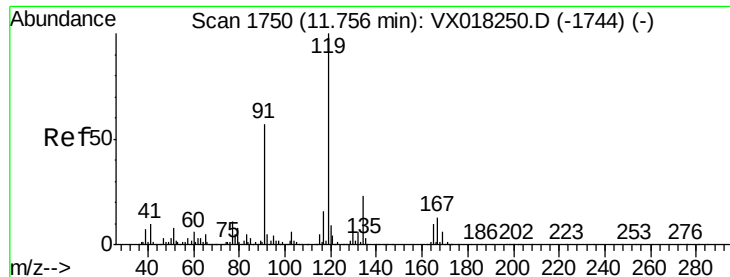
Tgt Ion: 91 Resp: 374994

Ion Ratio Lower Upper

91 100

126 30.1 0.0 59.2

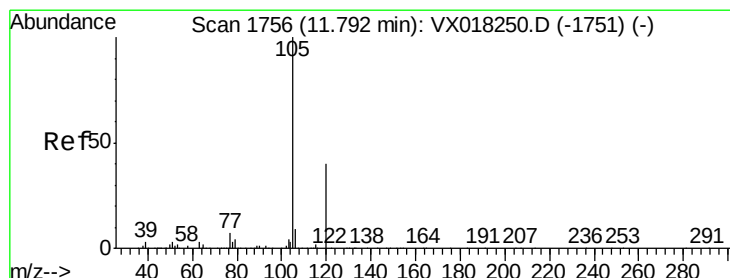
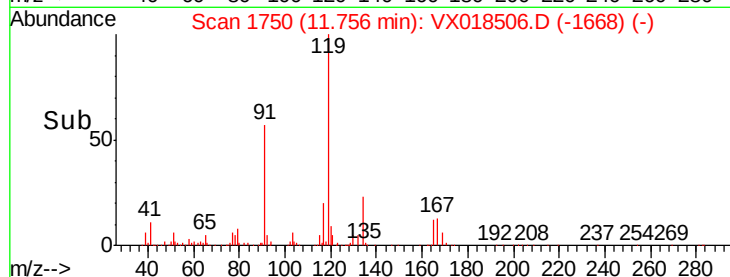
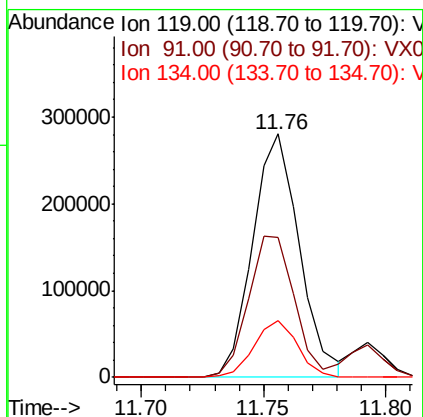
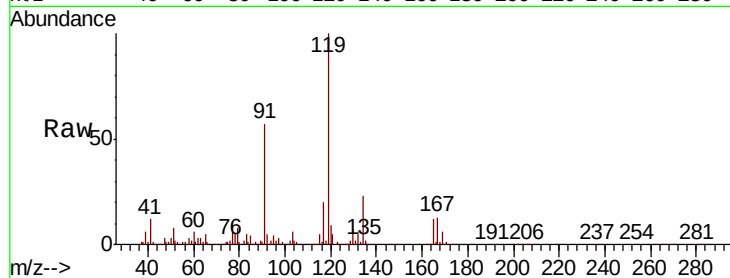




#79
 tert-butylbenzene
 Concen: 16.060 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

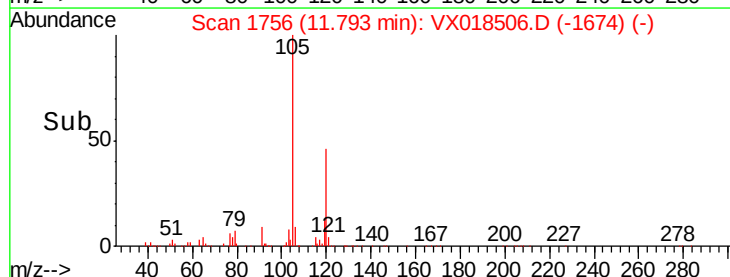
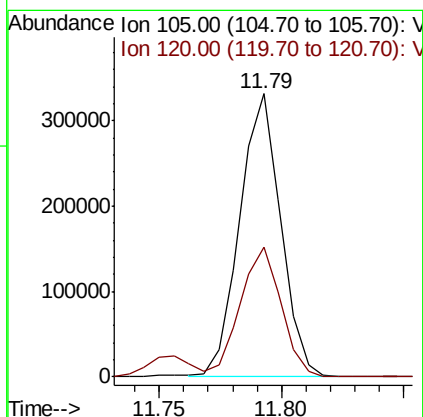
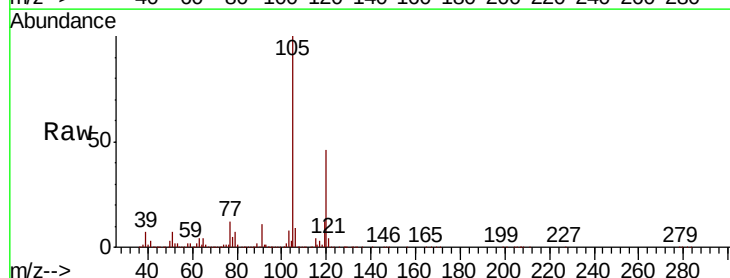
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

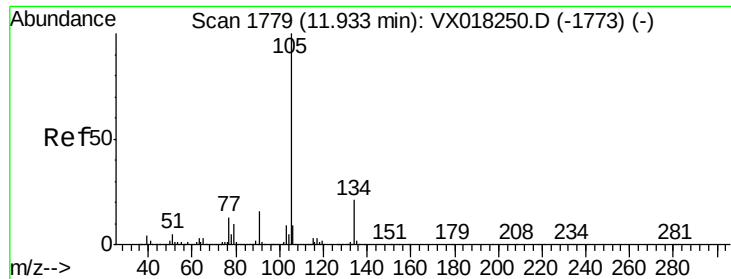
Tot Ion:119 Resp: 374463
 Ion Ratio Lower Upper
 119 100
 91 56.8 0.0 111.8
 134 21.9 0.0 42.4



#80
 1,2,4-Trimethylbenzene
 Concen: 16.053 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

Tgt Ion:105 Resp: 384298
 Ion Ratio Lower Upper
 105 100
 120 45.9 0.0 89.2

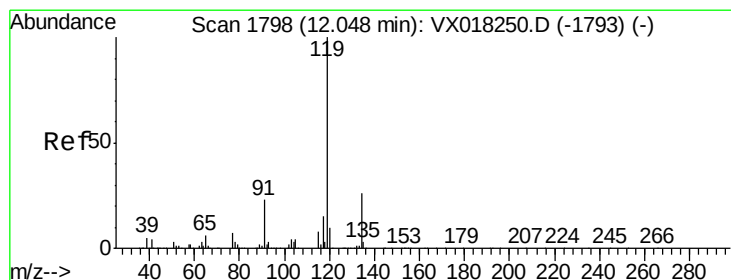
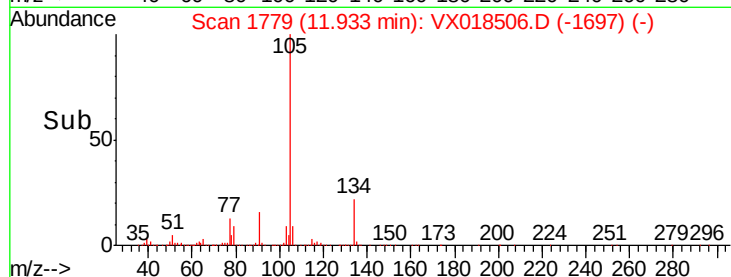
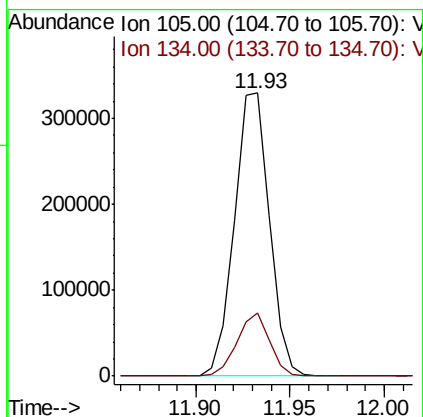
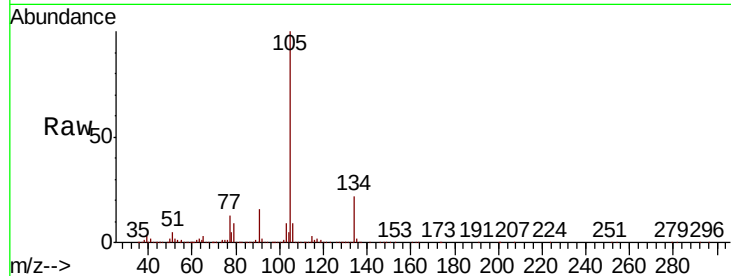




#81
 sec-Butylbenzene
 Concen: 15.605 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

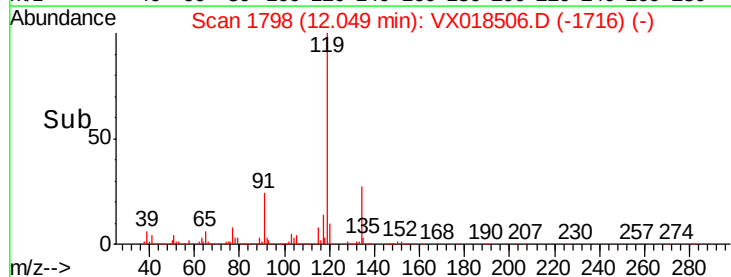
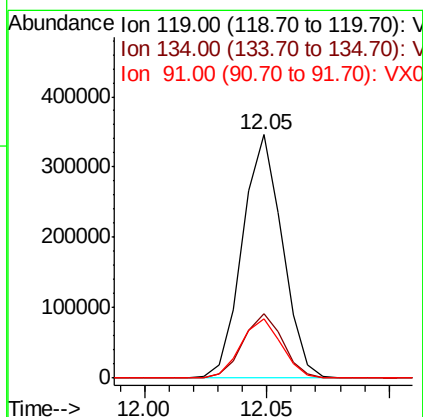
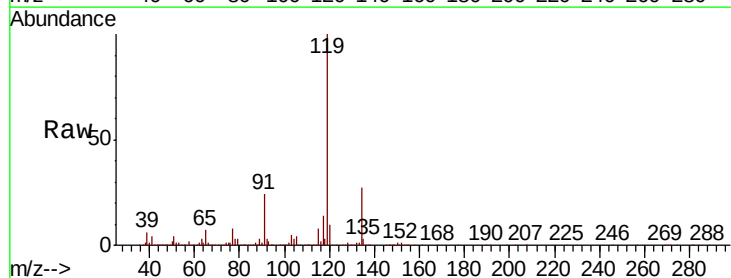
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

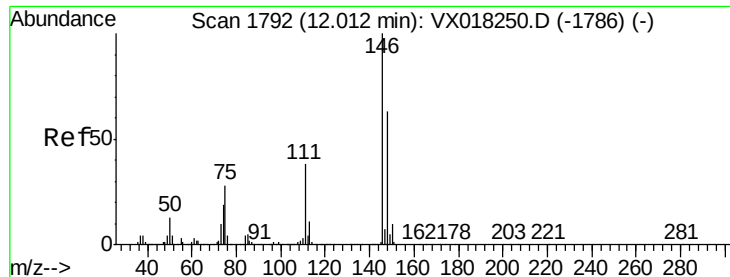
Tot Ion:105 Resp: 424993
 Ion Ratio Lower Upper
 105 100
 134 20.8 0.0 40.0



#82
 p-Isopropyltoluene
 Concen: 15.560 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

Tgt Ion:119 Resp: 395117
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 53.0
 91 24.4 0.0 49.8

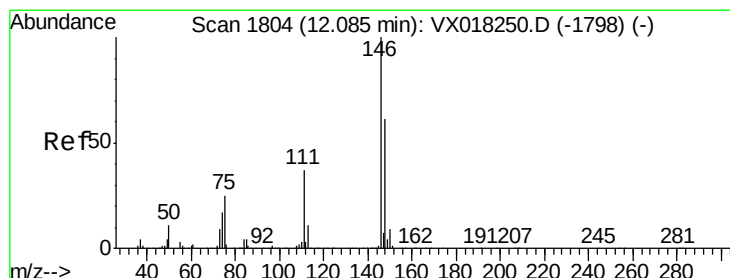
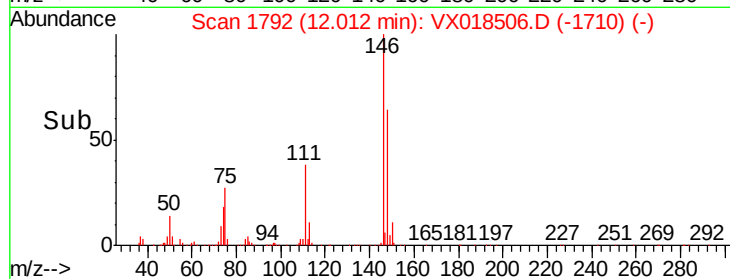
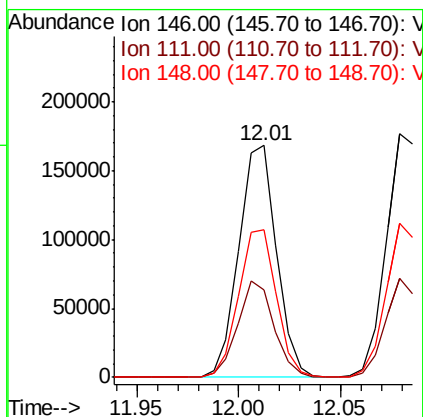
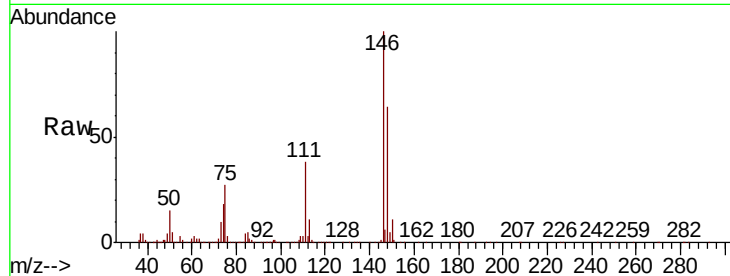




#83
 1,3-Dichlorobenzene
 Concen: 15.887 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

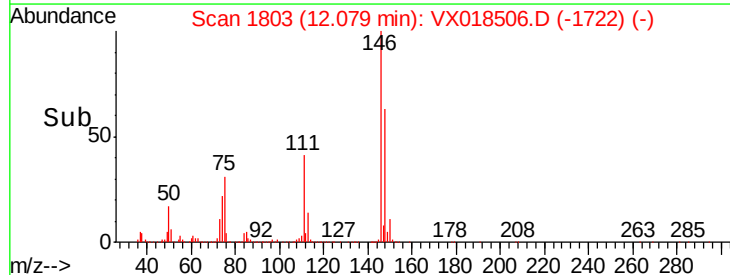
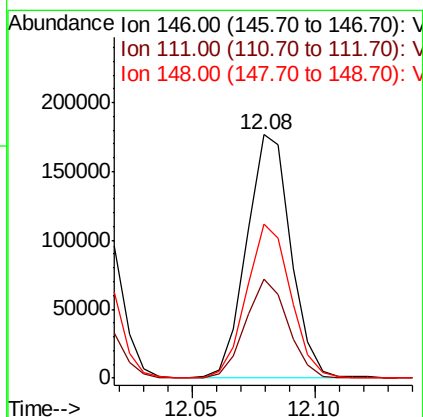
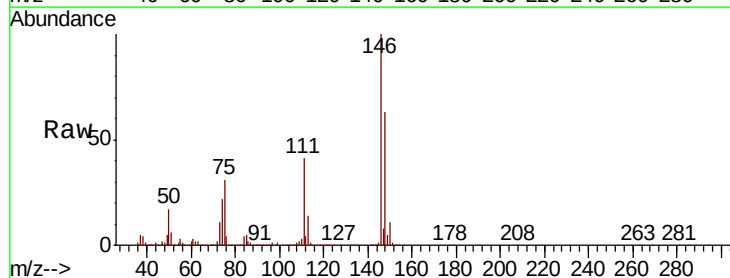
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

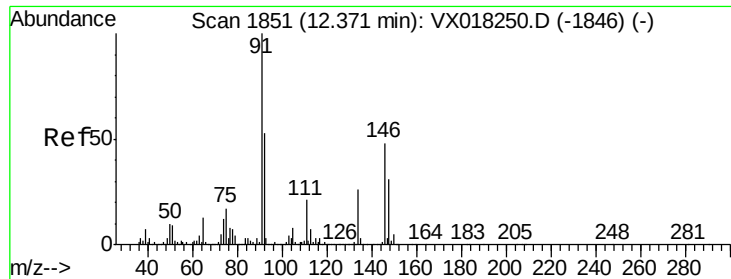
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.0	59.9
148	63.9	32.1	96.3



#84
 1,4-Dichlorobenzene
 Concen: 16.360 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.3	57.8
148	63.3	31.7	95.1





#85

n-Butylbenzene

Concen: 15.481 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

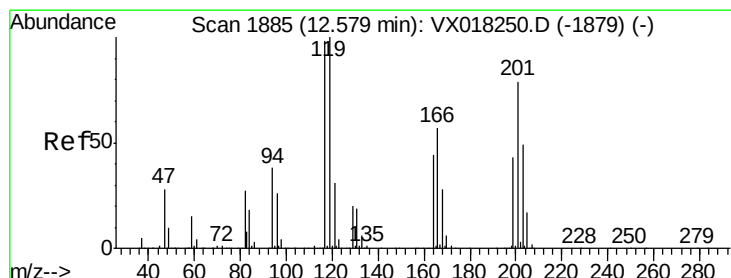
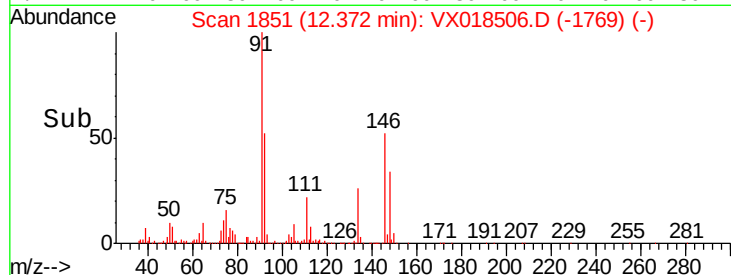
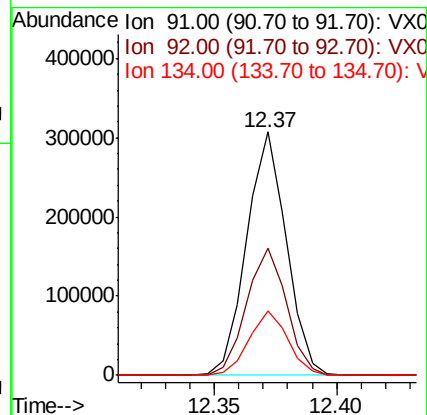
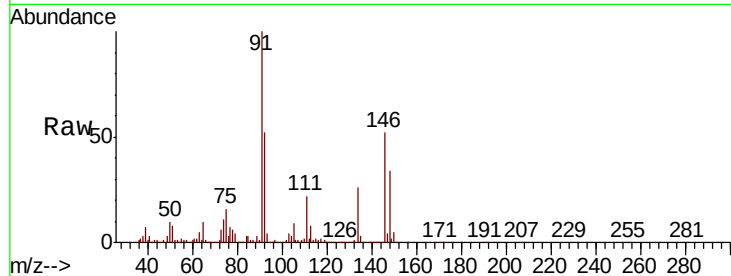
Tot Ion: 91 Resp: 346095

Ion Ratio Lower Upper

91 100

92 52.9 0.0 105.0

134 26.0 0.0 51.0



#86

Hexachloroethane

Concen: 14.745 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX018506.D

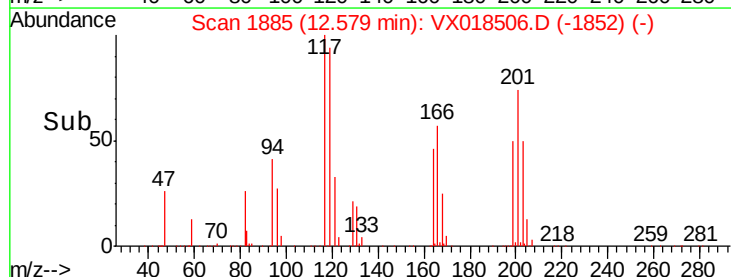
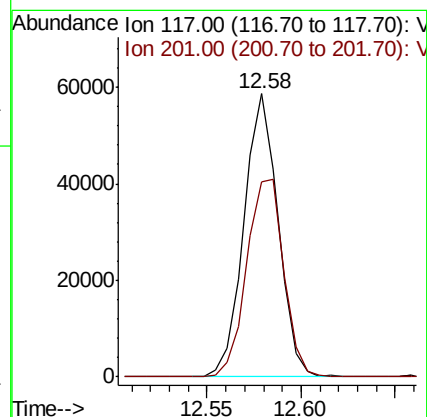
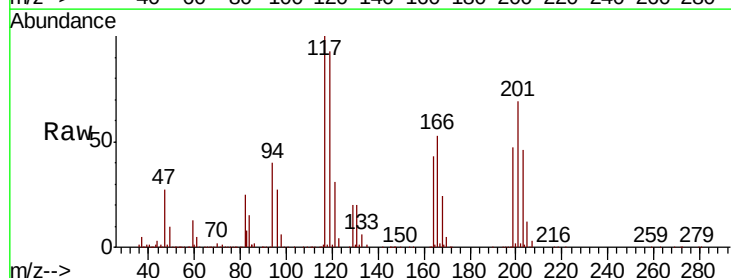
Acq: 18 Sep 2020 20:27

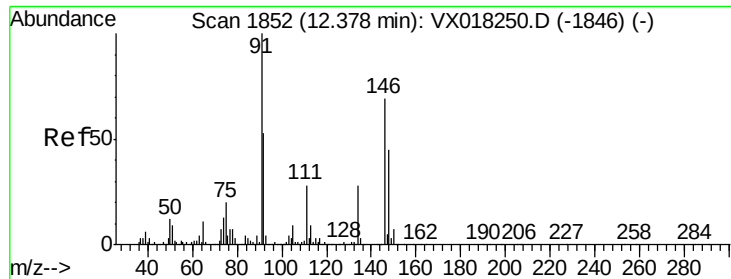
Tgt Ion: 117 Resp: 73721

Ion Ratio Lower Upper

117 100

201 75.8 39.6 118.8

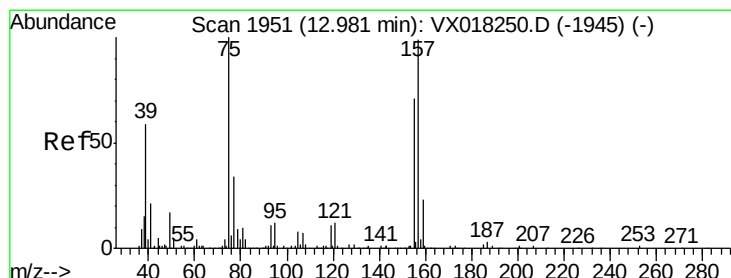
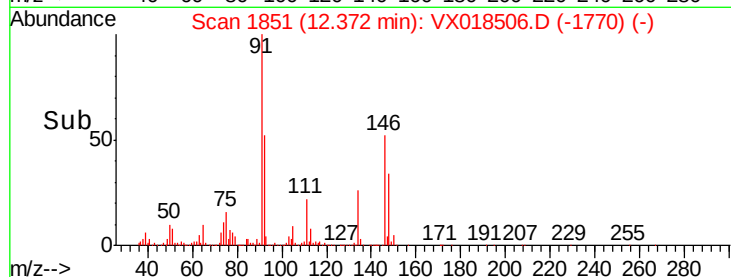
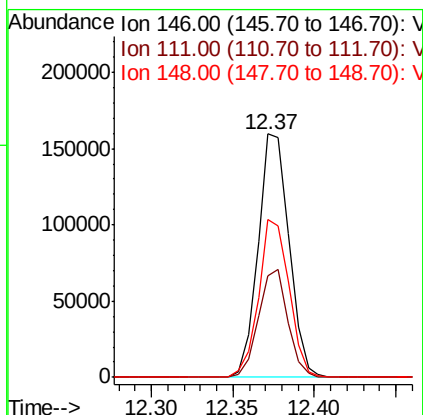
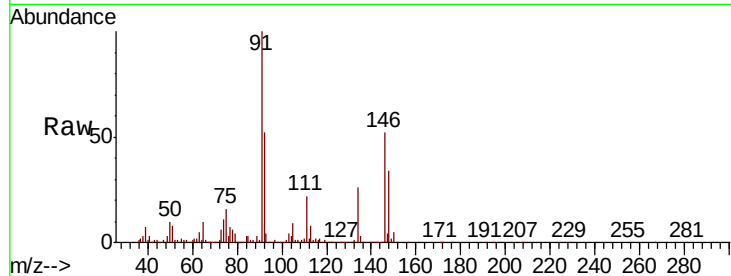




#87
 1,2-Dichlorobenzene
 Concen: 16.501 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

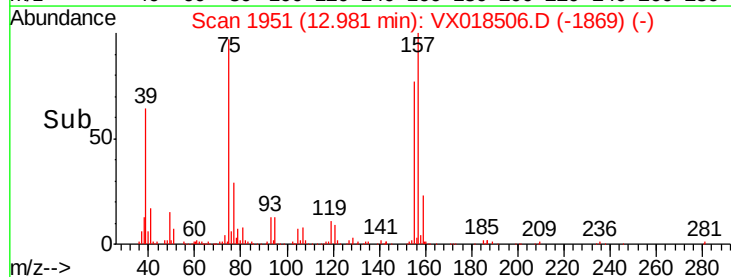
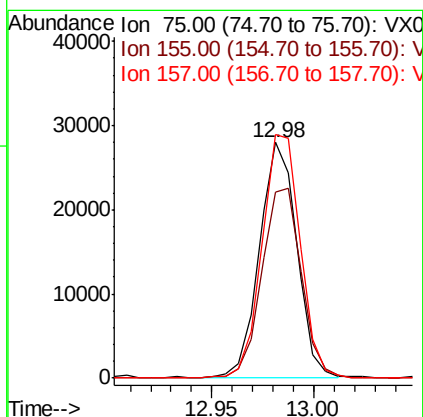
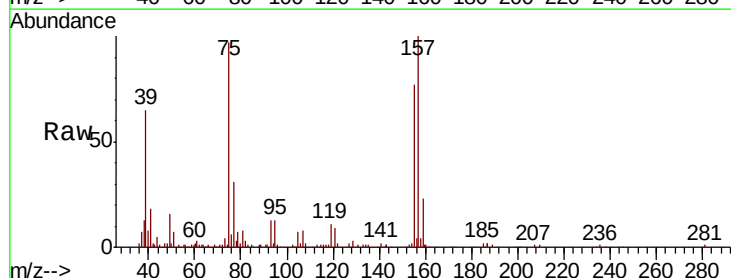
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

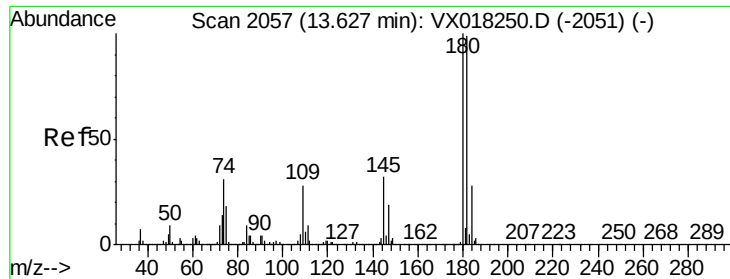
Tot Ion:146 Resp: 210294
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.4 64.3
 148 63.8 32.0 96.2



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 15.399 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

Tgt Ion: 75 Resp: 35767
 Ion Ratio Lower Upper
 75 100
 155 85.3 63.4 95.2
 157 106.0 87.0 130.6

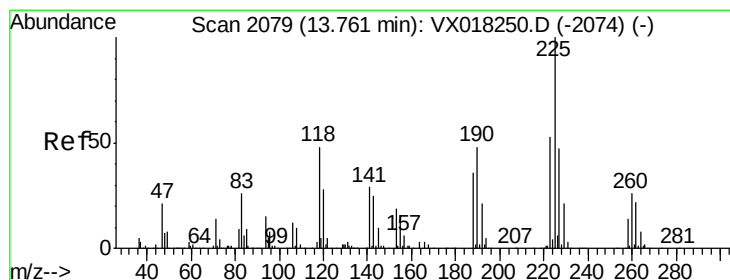
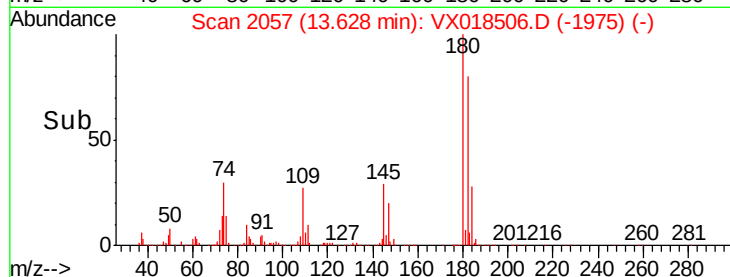
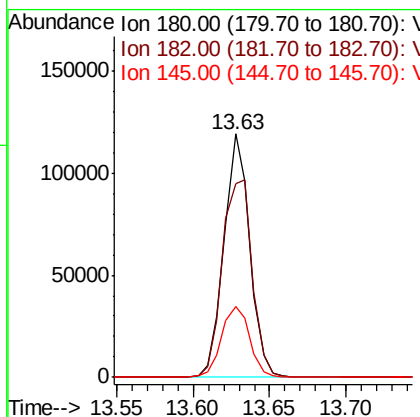
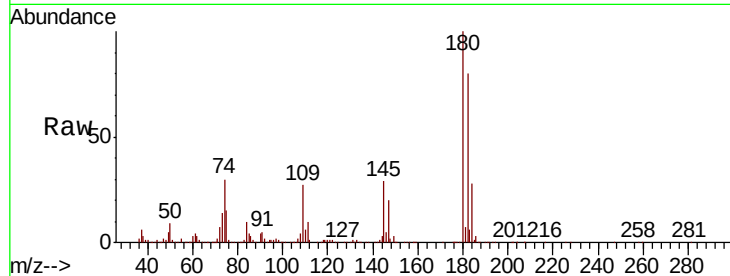




#89
 1,2,4-Trichlorobenzene
 Concen: 16.168 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

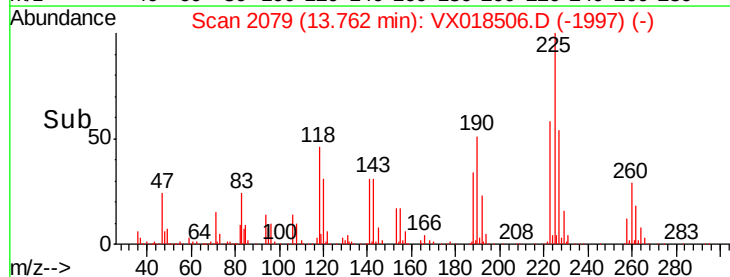
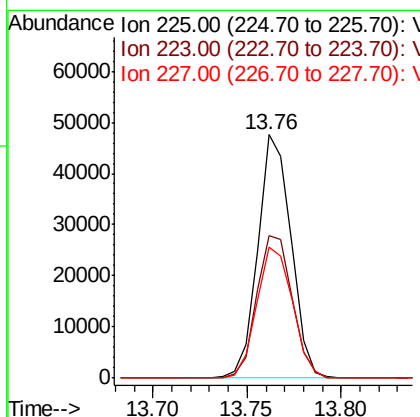
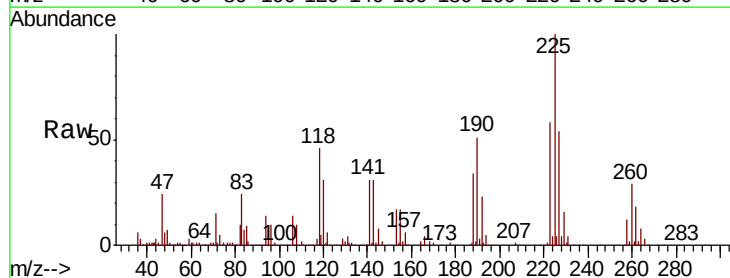
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

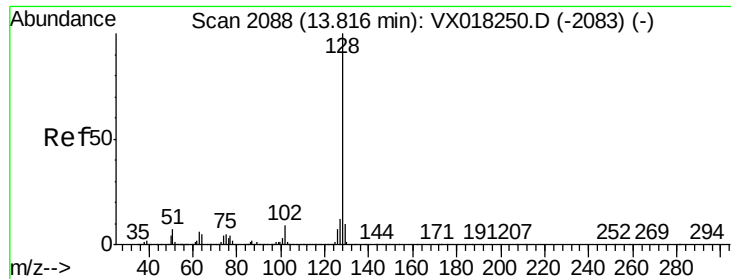
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.1	115.7
145	31.9	25.0	37.6



#90
 Hexachlorobutadiene
 Concen: 15.902 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	0.0	115.8
227	57.9	0.0	117.0





#91

Naphthalene

Concen: 16.535 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

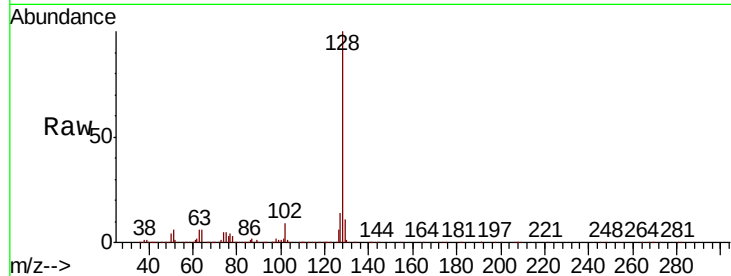
Tot Ion:128 Resp: 444921

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.4

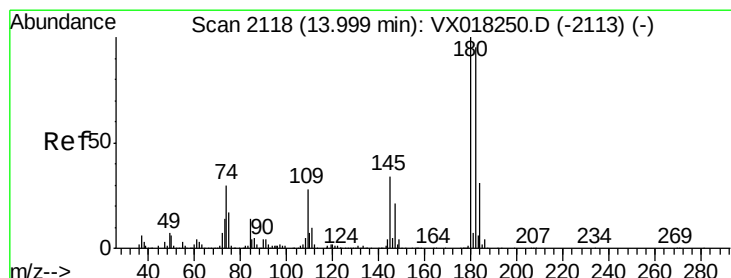
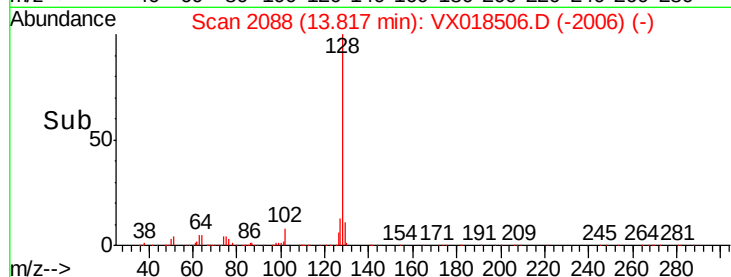
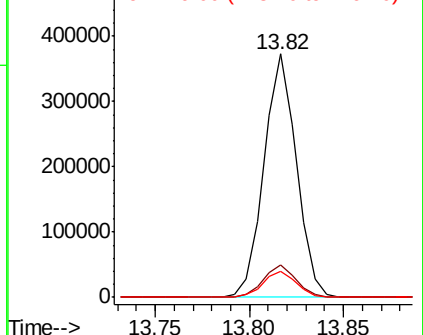
129 11.0 8.7 13.1



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



#92

1,2,3-Trichlorobenzene

Concen: 16.691 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

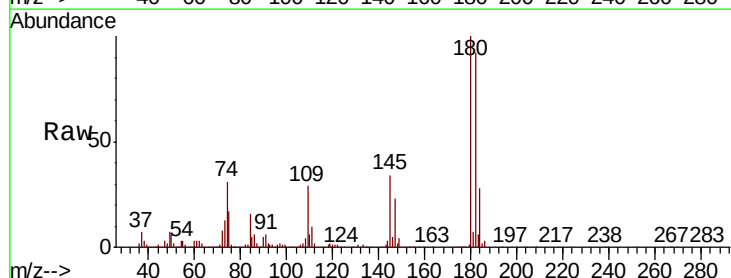
Tgt Ion:180 Resp: 142367

Ion Ratio Lower Upper

180 100

182 90.7 0.0 191.6

145 32.4 0.0 67.4



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

