

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083120\
 Data File : VX018160.D
 Acq On : 31 Aug 2020 20:05
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 01 05:36:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	451592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	713775	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	691752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	378306	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	315878	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
35) Dibromofluoromethane	5.47	113	248146	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
50) Toluene-d8	8.70	98	877729	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
62) 4-Bromofluorobenzene	11.12	95	361831	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	278294	50.615	ug/l	98
3) Chloromethane	1.31	50	277660	47.900	ug/l	99
4) Vinyl Chloride	1.39	62	272727	47.264	ug/l	99
5) Bromomethane	1.62	94	161738	58.112	ug/l	100
6) Chloroethane	1.70	64	160272	51.714	ug/l	100
7) Trichlorofluoromethane	1.91	101	439492	55.856	ug/l	97
8) Diethyl Ether	2.17	74	137539	51.544	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	215401	50.638	ug/l	99
10) Methyl Iodide	2.49	142	271197	58.575	ug/l	98
11) Tert butyl alcohol	3.02	59	290481	238.300	ug/l	100
12) 1,1-Dichloroethene	2.36	96	216767	49.118	ug/l	96
13) Acrolein	2.28	56	151076	298.902	ug/l	97
14) Allyl chloride	2.71	41	387891	48.922	ug/l	97
15) Acrylonitrile	3.12	53	664217	240.215	ug/l	100
16) Acetone	2.42	43	593834	243.087	ug/l	98
17) Carbon Disulfide	2.54	76	615031	46.100	ug/l	97
18) Methyl Acetate	2.75	43	334829	56.799	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	783705	51.781	ug/l	98
20) Methylene Chloride	2.84	84	245868	49.205	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	237065	48.485	ug/l	99
22) Diisopropyl ether	3.83	45	772728	49.379	ug/l	98
23) Vinyl Acetate	3.79	43	3434253	246.630	ug/l	99
24) 1,1-Dichloroethane	3.67	63	439359	49.321	ug/l	99
25) 2-Butanone	4.64	43	935510	233.016	ug/l	97
26) 2,2-Dichloropropane	4.55	77	339557	46.848	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	272417	48.357	ug/l	97
28) Bromochloromethane	4.98	49	193385	44.974	ug/l	94
29) Tetrahydrofuran	5.09	42	592649	231.890	ug/l	97
30) Chloroform	5.18	83	465582	50.475	ug/l	93
31) Cyclohexane	5.55	56	363190	48.400	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	434126	51.286	ug/l	99
36) 1,1-Dichloropropene	5.77	75	336351	51.090	ug/l	100
37) Ethyl Acetate	4.80	43	360737	47.178	ug/l	99
38) Carbon Tetrachloride	5.76	117	407592	54.937	ug/l	98

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Quant Time: Sep 01 05:36:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	362785	50.395	ug/l	100
40) Benzene	6.12	78	956319	49.435	ug/l	100
41) Methacrylonitrile	5.01	41	205464	48.939	ug/l	98
42) 1,2-Dichloroethane	6.17	62	387220	52.244	ug/l	98
43) Isopropyl Acetate	6.42	43	597602	48.388	ug/l	99
44) Trichloroethene	7.19	130	278888	51.022	ug/l	100
45) 1,2-Dichloropropane	7.49	63	255988	49.098	ug/l	96
46) Dibromomethane	7.63	93	184816	50.408	ug/l	99
47) Bromodichloromethane	7.88	83	386127	52.745	ug/l	99
48) Methyl methacrylate	7.74	41	300563	48.888	ug/l	99
49) 1,4-Dioxane	7.71	88	104028	934.106	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1898318	248.834	ug/l	100
52) Toluene	8.76	92	617465	50.337	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	409641	50.489	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	429850	50.012	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	263578	50.382	ug/l	97
56) Ethyl methacrylate	9.16	69	392895	50.518	ug/l	99
57) 1,3-Dichloropropane	9.35	76	431636	50.023	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	765162	218.706	ug/l	98
59) 2-Hexanone	9.48	43	1471342	253.642	ug/l	100
60) Dibromochloromethane	9.57	129	327057	53.292	ug/l	99
61) 1,2-Dibromoethane	9.65	107	285561	50.277	ug/l	99
64) Tetrachloroethene	9.32	164	252289	49.630	ug/l	95
65) Chlorobenzene	10.12	112	696075	50.383	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	281806	51.752	ug/l	98
67) Ethyl Benzene	10.24	91	1217730	51.829	ug/l	99
68) m/p-Xylenes	10.34	106	933342	106.431	ug/l	99
69) o-Xylene	10.68	106	449065	52.824	ug/l	98
70) Styrene	10.70	104	786553	54.331	ug/l	99
71) Bromoform	10.84	173	252850	54.440	ug/l #	100
73) Isopropylbenzene	11.00	105	1247482	49.992	ug/l	100
74) N-amyl acetate	10.88	43	554853	46.864	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	398287	45.246	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	495135	58.836	ug/l	84
77) Bromobenzene	11.24	156	323452	46.893	ug/l	99
78) n-propylbenzene	11.35	91	1410306	49.775	ug/l	99
79) 2-Chlorotoluene	11.40	91	865357	49.435	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1075663	52.457	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	142231	45.647	ug/l	98
82) 4-Chlorotoluene	11.49	91	1033110	49.645	ug/l	99
83) tert-Butylbenzene	11.76	119	1060157	52.389	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1072720	51.168	ug/l	98
85) sec-Butylbenzene	11.93	105	1207368	52.465	ug/l	99
86) p-Isopropyltoluene	12.05	119	1141420	53.997	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	574497	47.439	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	596785	49.217	ug/l	96
89) n-Butylbenzene	12.37	91	959848	49.749	ug/l	99
90) Hexachloroethane	12.58	117	226007	54.343	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	552809	48.493	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	101106	45.936	ug/l	95

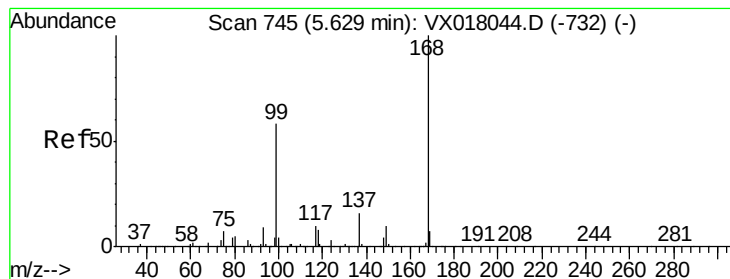
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083120\
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Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	365313	48.057	ug/l	96
94) Hexachlorobutadiene	13.77	225	145448	48.510	ug/l	96
95) Naphthalene	13.82	128	1248288	49.897	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	365818	48.703	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

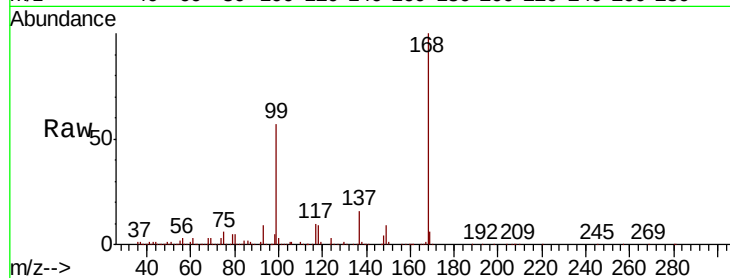
VSTDCCC050EC

Tot Ion:168 Resp: 451592

Ion Ratio Lower Upper

168 100

99 57.0 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

150000

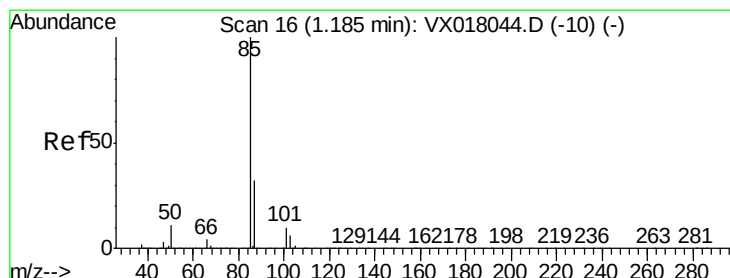
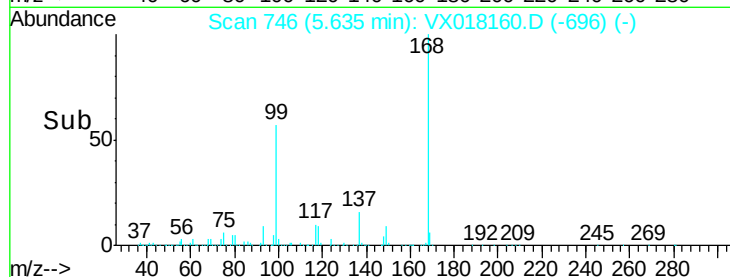
100000

50000

0

Time-->

5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 50.615 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018160.D

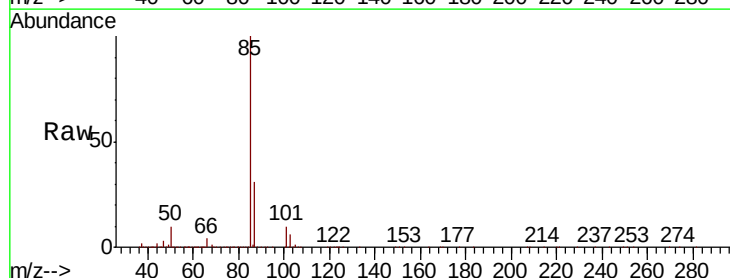
Acq: 31 Aug 2020 20:05

Tgt Ion: 85 Resp: 278294

Ion Ratio Lower Upper

85 100

87 31.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

300000

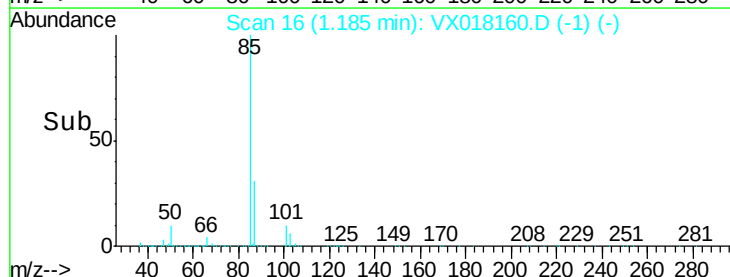
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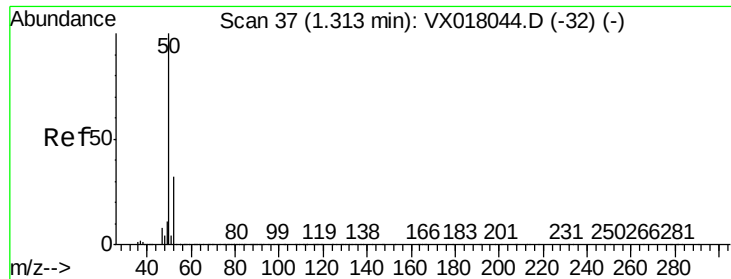
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Time-->

1.10 1.20 1.30

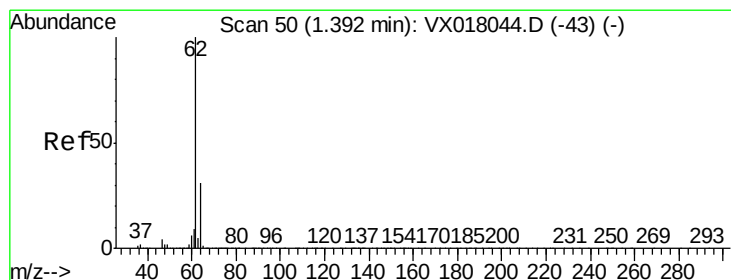
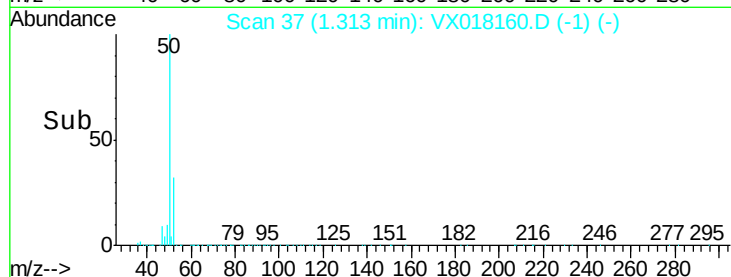
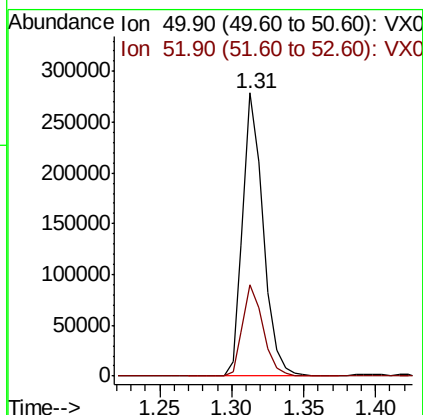
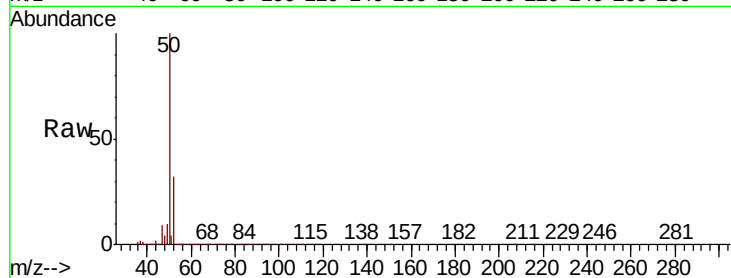




#3
Chloromethane
Concen: 47.900 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

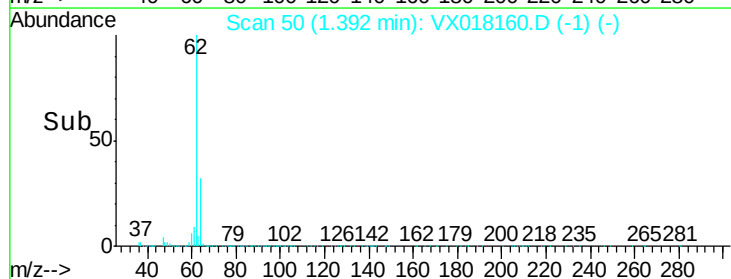
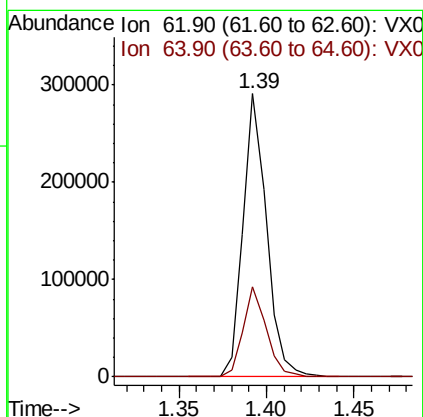
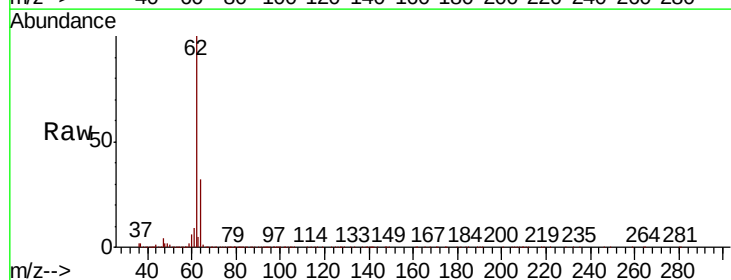
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

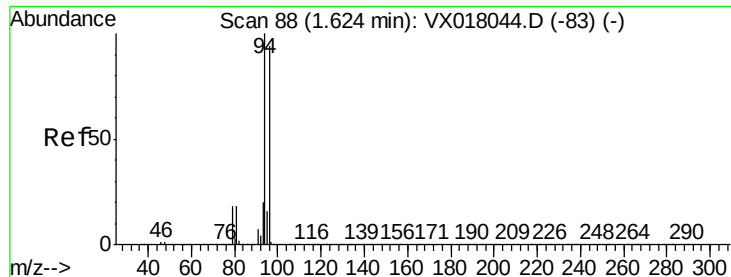
Tot Ion: 50 Resp: 277660
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.2



#4
Vinyl Chloride
Concen: 47.264 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Tgt Ion: 62 Resp: 272727
Ion Ratio Lower Upper
62 100
64 31.7 25.1 37.7

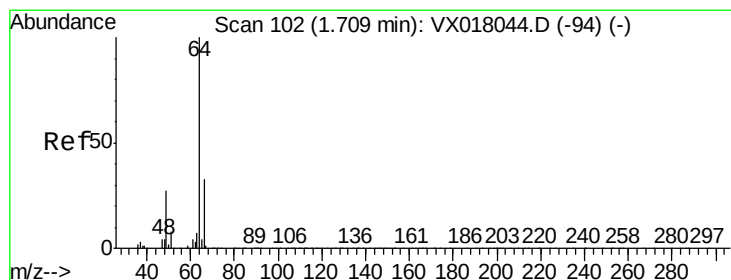
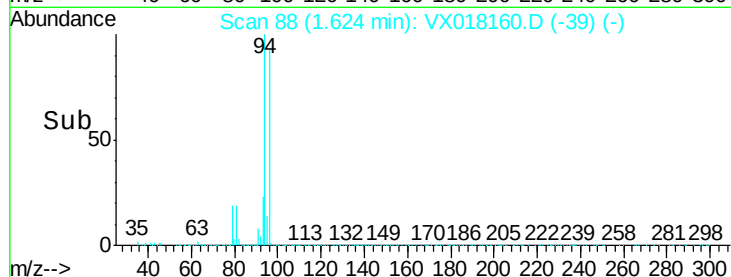
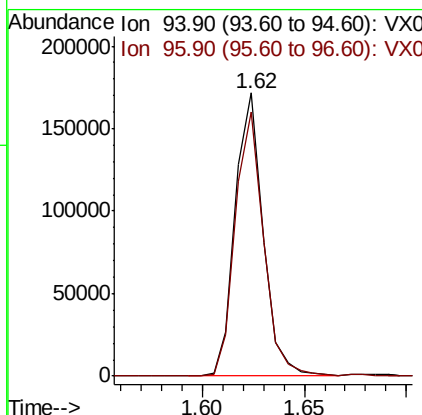
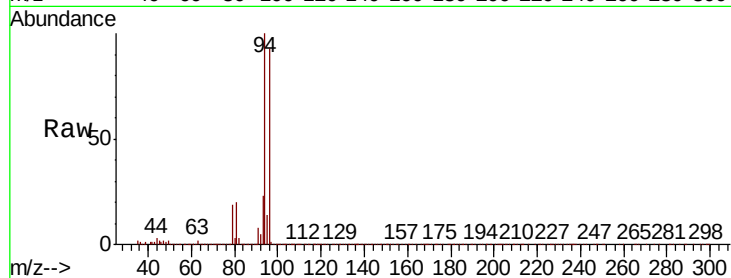




#5
Bromomethane
Concen: 58.112 ug/l
RT: 1.62 min Scan# 88
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

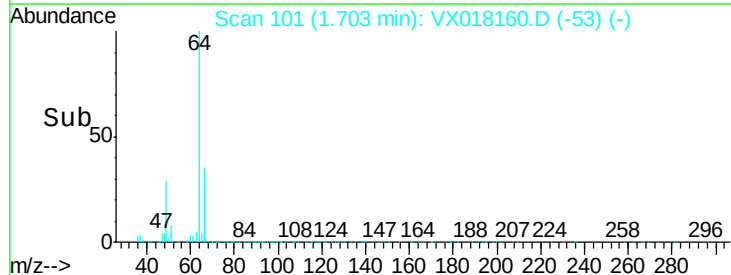
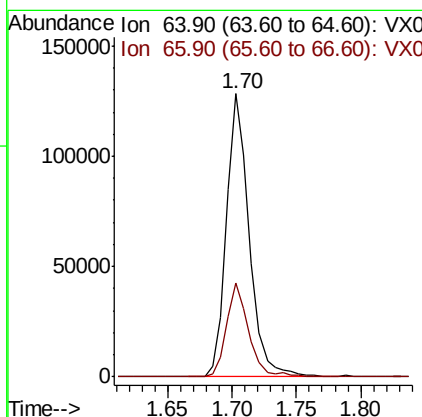
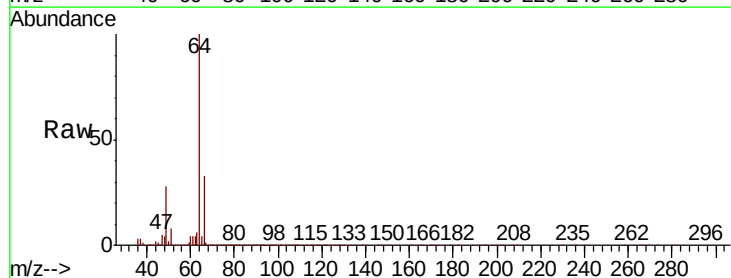
Instrument :
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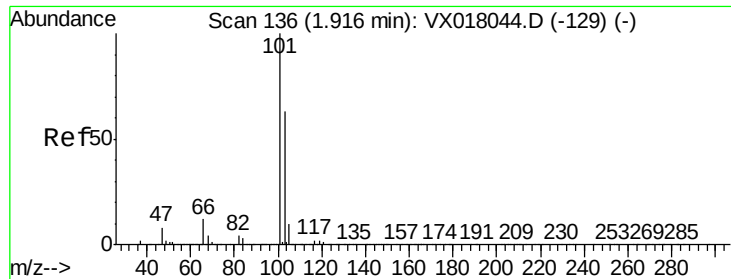
Tot Ion: 94 Resp: 161738
Ion Ratio Lower Upper
94 100
96 93.1 74.8 112.2



#6
Chloroethane
Concen: 51.714 ug/l
RT: 1.70 min Scan# 101
Delta R.T. -0.01 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Tgt Ion: 64 Resp: 160272
Ion Ratio Lower Upper
64 100
66 33.0 26.6 39.8



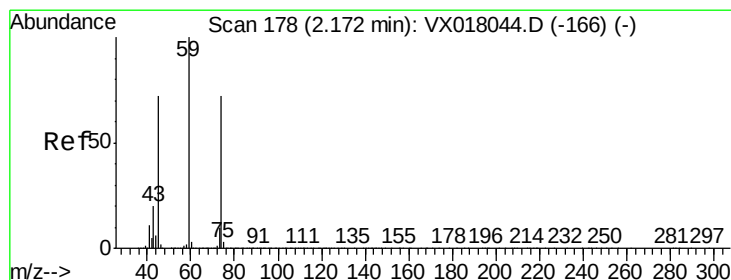
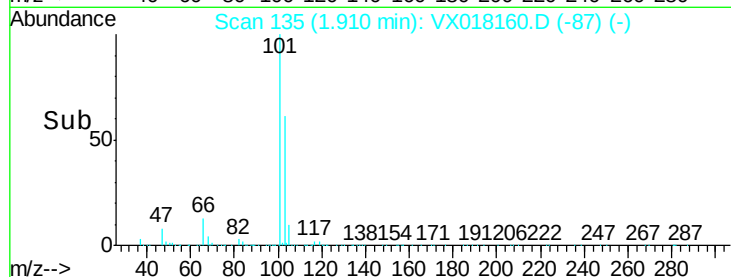
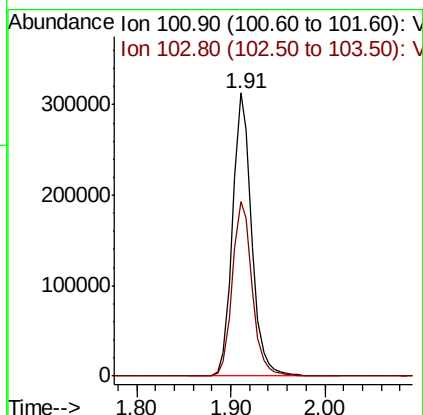
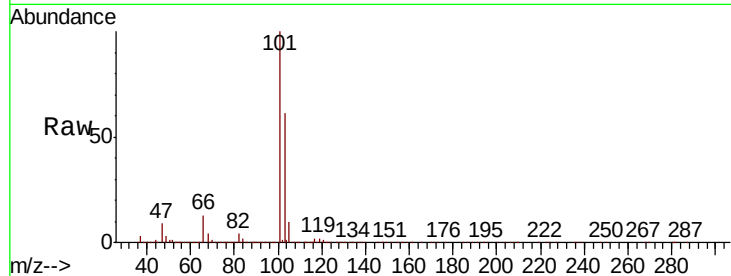


#7

Trichlorofluoromethane
Concen: 55.856 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Instrument :
MSVOA_X
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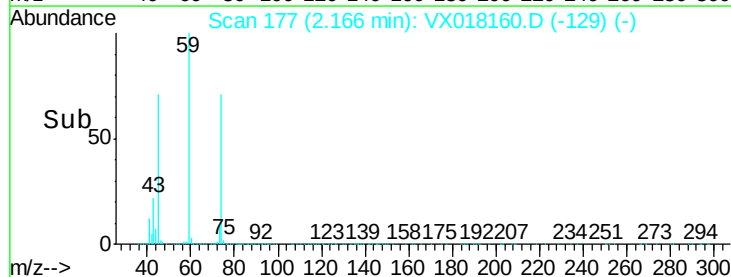
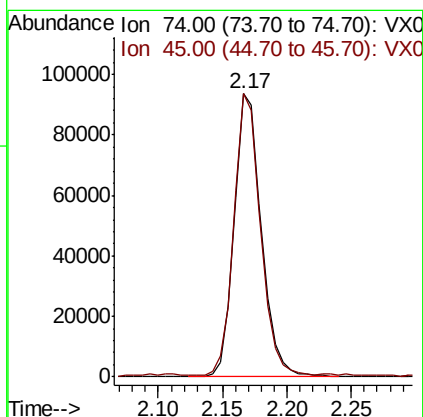
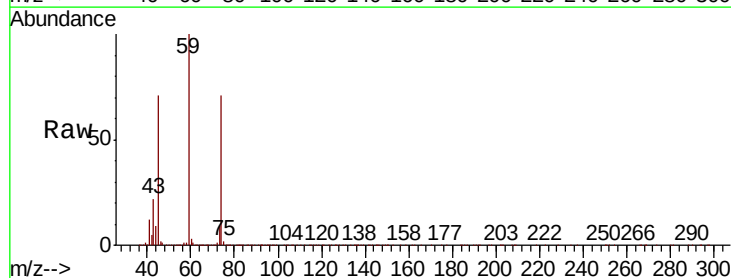
Tot Ion:101 Resp: 439492
Ion Ratio Lower Upper
101 100
103 61.4 50.7 76.1

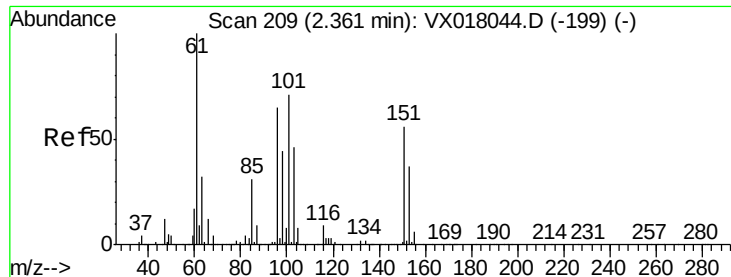


#8

Diethyl Ether
Concen: 51.544 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Tgt Ion: 74 Resp: 137539
Ion Ratio Lower Upper
74 100
45 98.3 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.638 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

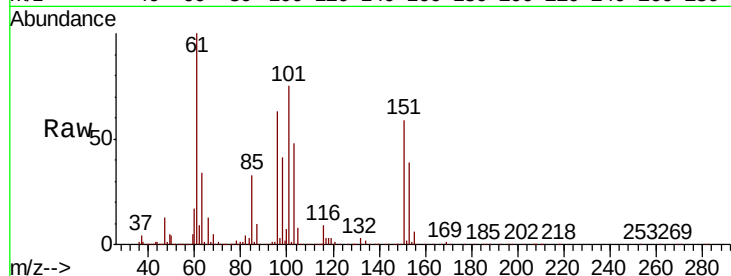
Tot Ion:101 Resp: 215401

Ion Ratio Lower Upper

101 100

85 44.0 34.0 51.0

151 81.0 65.2 97.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

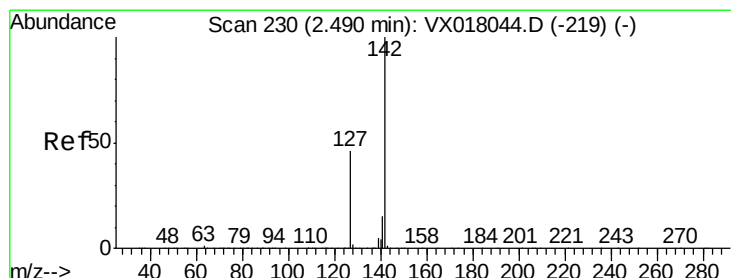
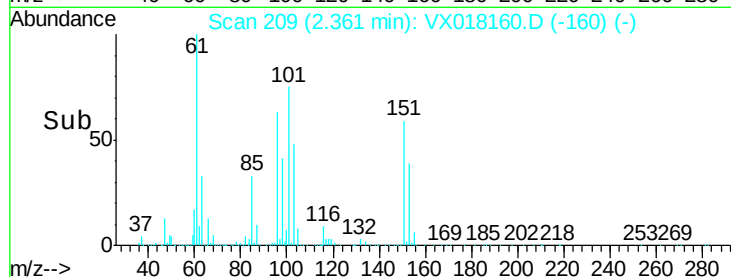
2.36

100000

50000

0

Time-->



#10

Methyl Iodide

Concen: 58.575 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

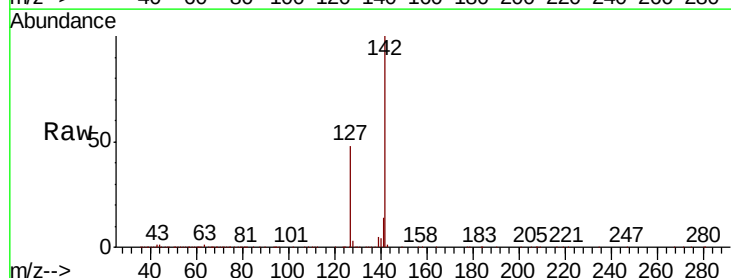
Tgt Ion:142 Resp: 271197

Ion Ratio Lower Upper

142 100

127 47.6 37.0 55.6

141 14.2 11.5 17.3



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2.49

200000

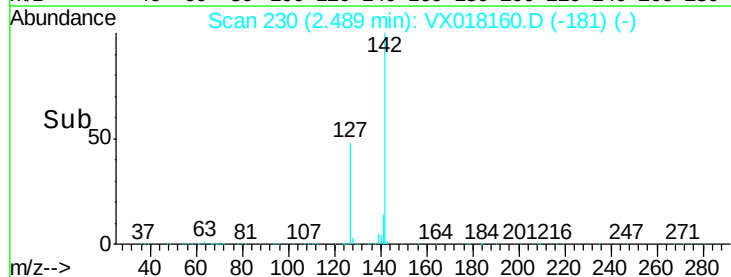
150000

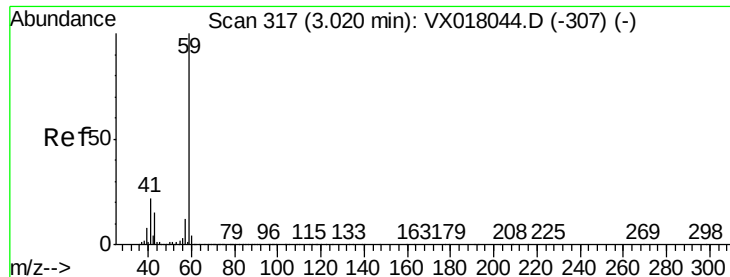
100000

50000

0

Time-->



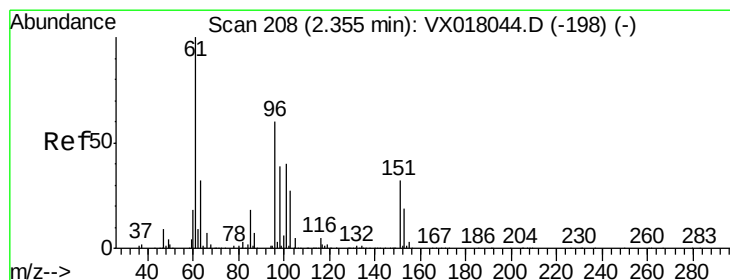
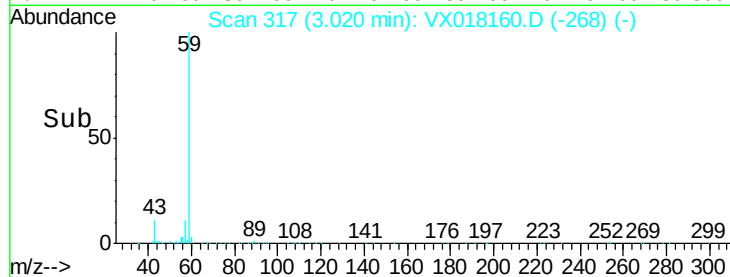
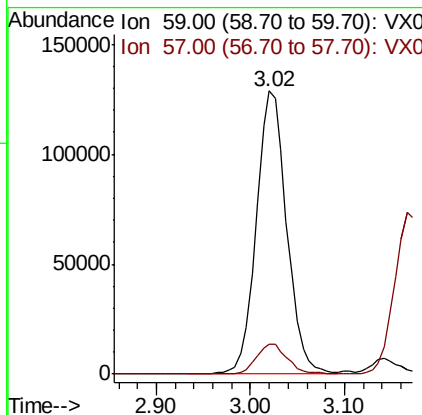
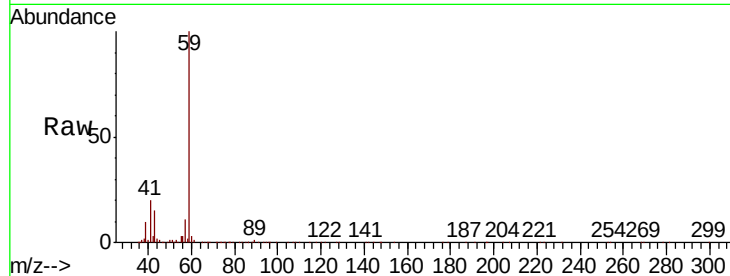


#11

Tert butyl alcohol
 Concen: 238.300 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX018160.D
 Acq: 31 Aug 2020 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

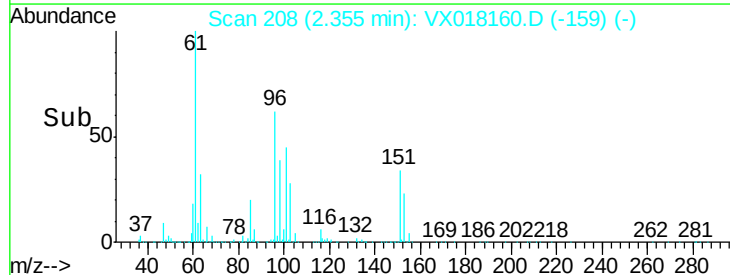
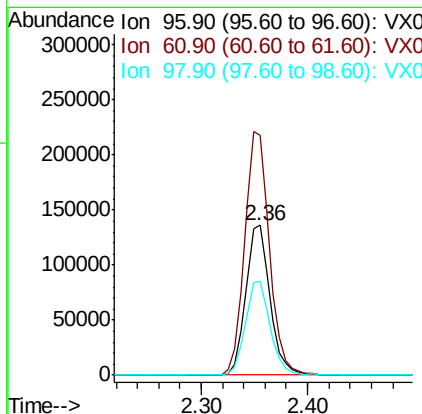
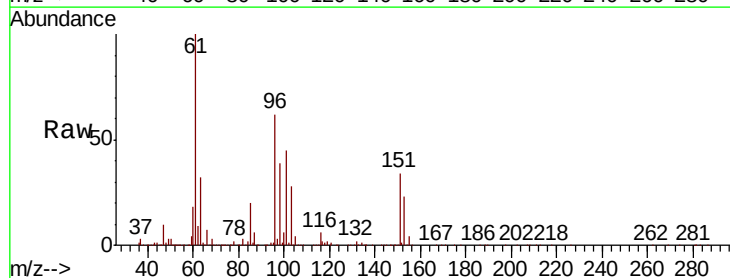
Tot Ion: 59 Resp: 290481
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.9 13.3

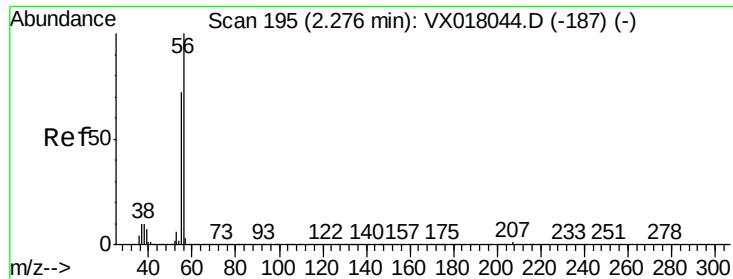


#12

1,1-Dichloroethene
 Concen: 49.118 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX018160.D
 Acq: 31 Aug 2020 20:05

Tgt Ion: 96 Resp: 216767
 Ion Ratio Lower Upper
 96 100
 61 160.3 133.0 199.4
 98 62.5 51.6 77.4

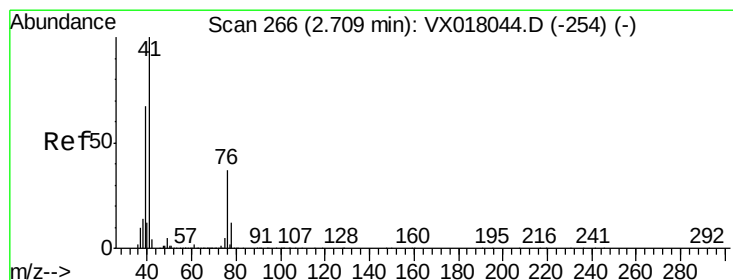
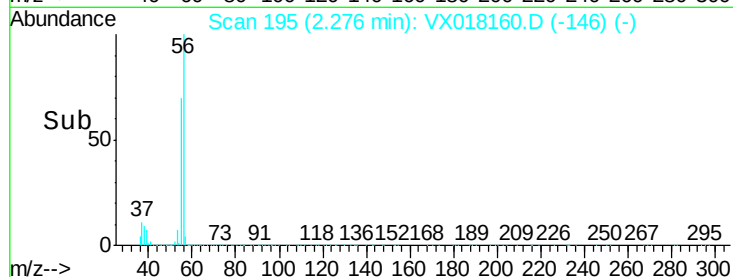
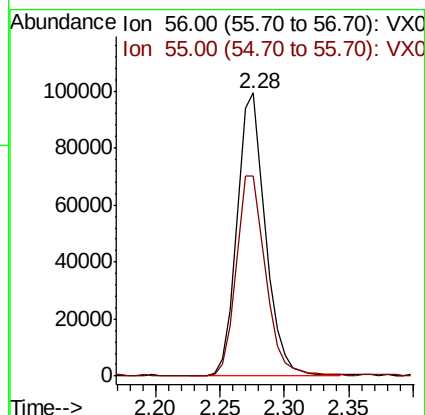
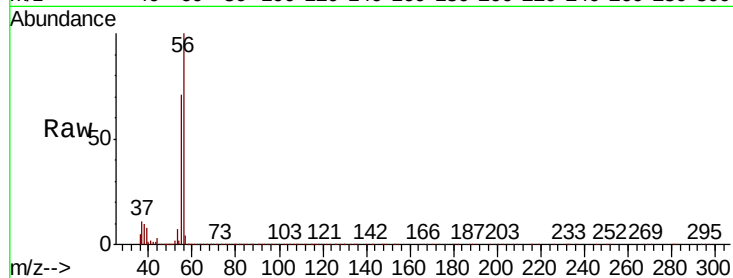




#13
Acrolein
Concen: 298.902 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

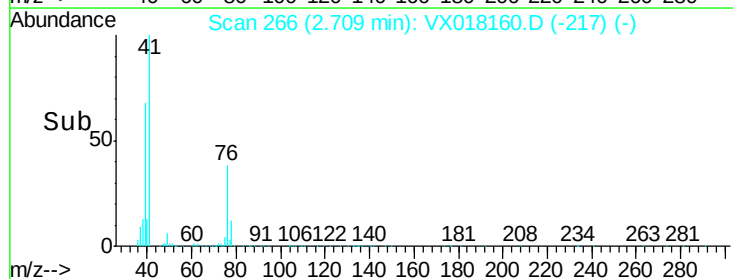
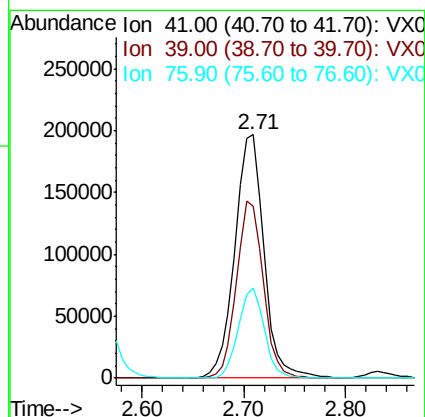
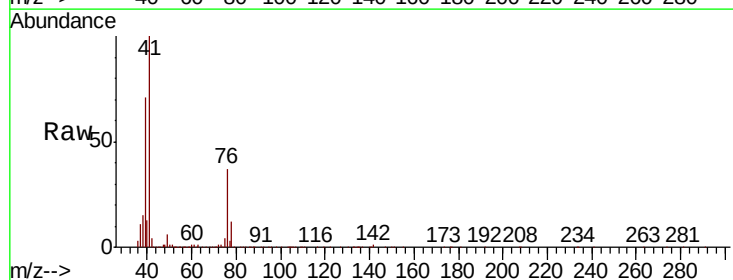
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

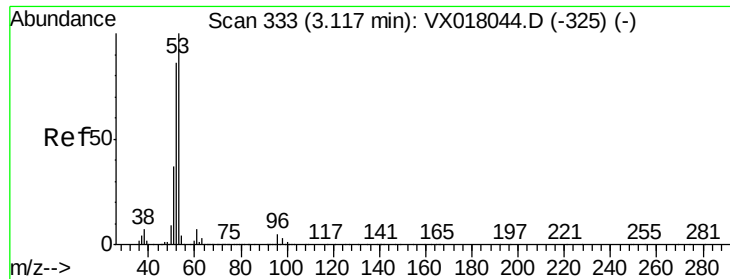
Tot Ion: 56 Resp: 151076
Ion Ratio Lower Upper
56 100
55 73.4 57.0 85.6



#14
Allyl chloride
Concen: 48.922 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Tgt Ion: 41 Resp: 387891
Ion Ratio Lower Upper
41 100
39 66.7 50.6 76.0
76 32.8 26.2 39.2





#15

Acrylonitrile

Concen: 240.215 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

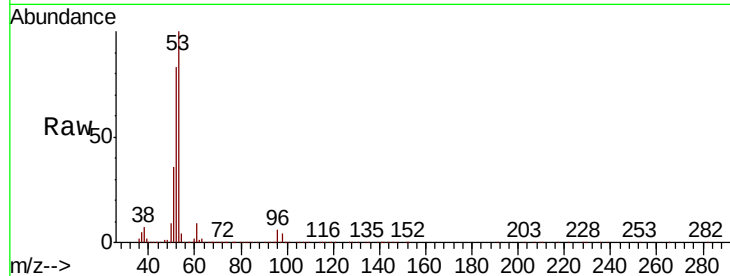
Tot Ion: 53 Resp: 664217

Ion Ratio Lower Upper

53 100

52 83.7 66.9 100.3

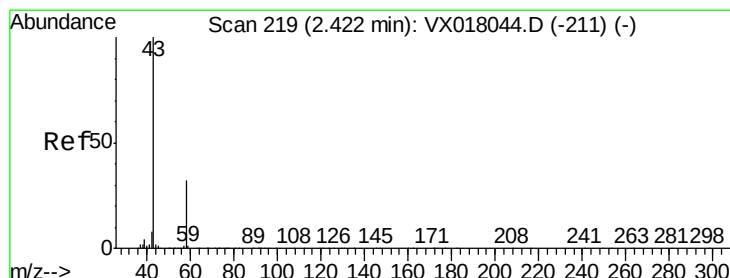
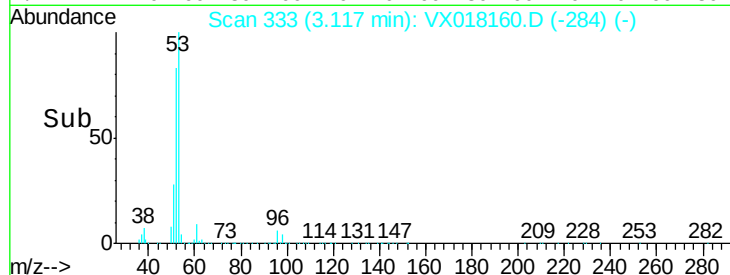
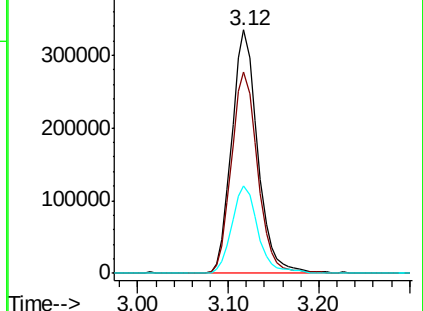
51 36.5 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 243.087 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018160.D

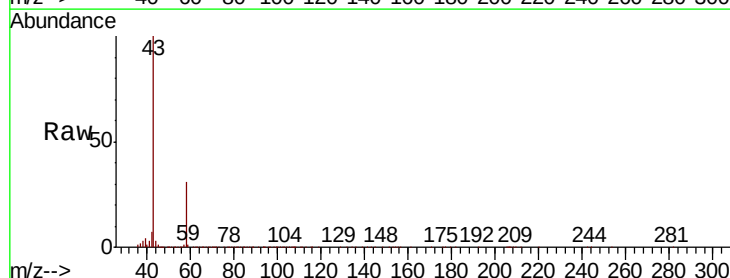
Acq: 31 Aug 2020 20:05

Tgt Ion: 43 Resp: 593834

Ion Ratio Lower Upper

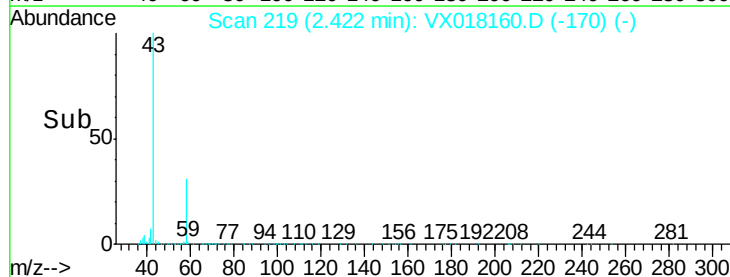
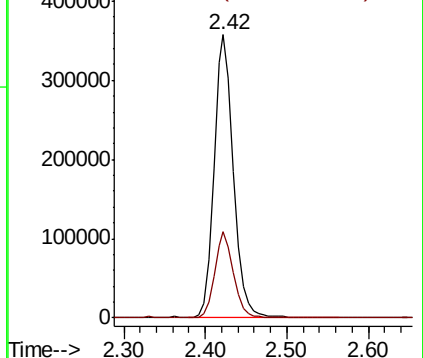
43 100

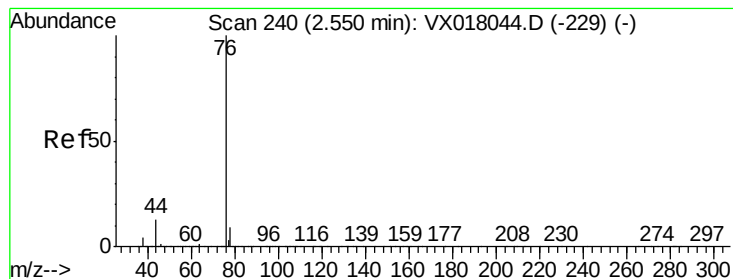
58 30.6 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 46.100 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

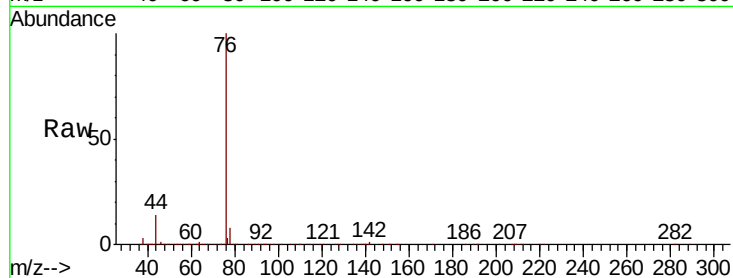
VSTDCCC050EC

Tot Ion: 76 Resp: 615031

Ion Ratio Lower Upper

76 100

78 8.2 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.54

400000

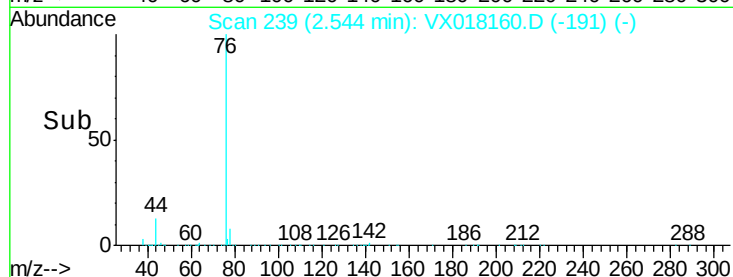
300000

200000

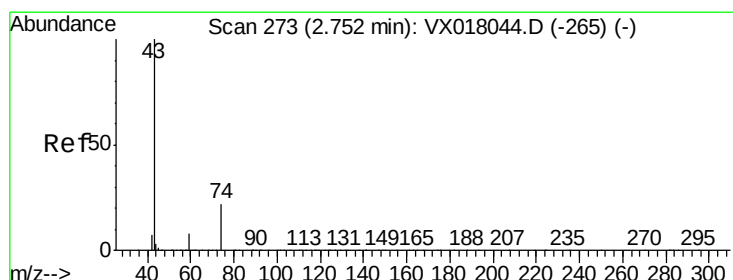
100000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 56.799 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018160.D

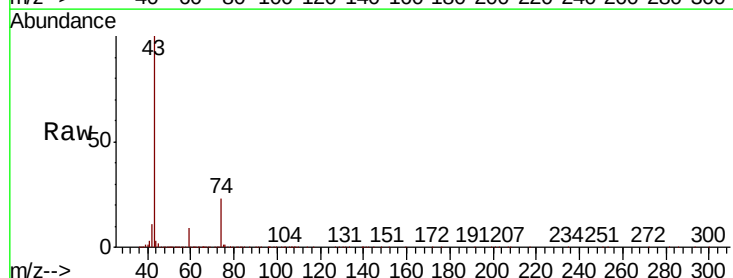
Acq: 31 Aug 2020 20:05

Tgt Ion: 43 Resp: 334829

Ion Ratio Lower Upper

43 100

74 23.2 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

200000

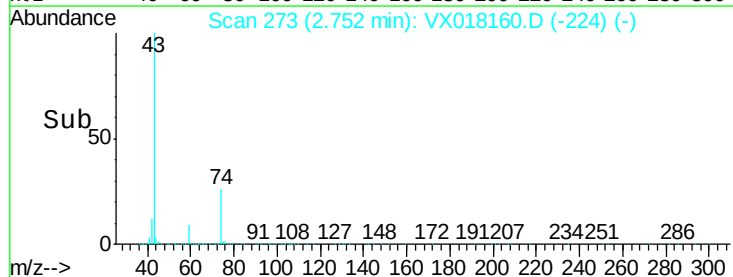
150000

100000

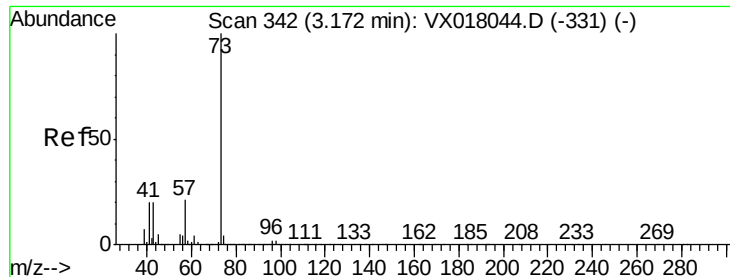
50000

0

Time-->



Time-->

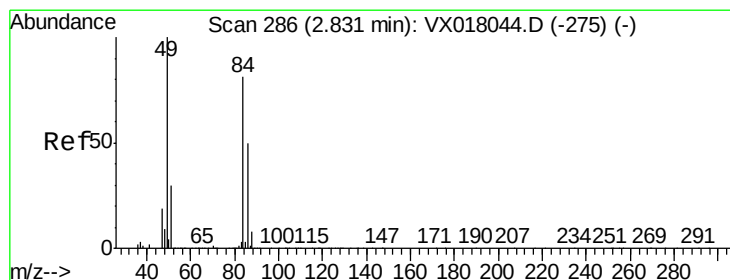
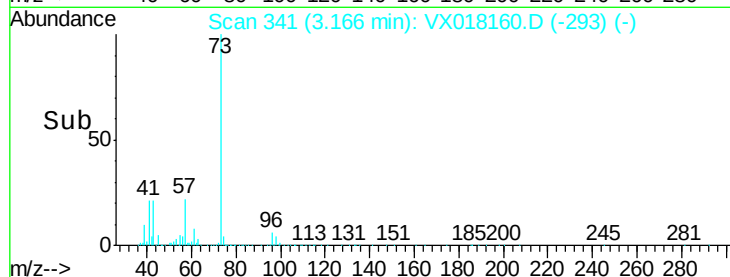
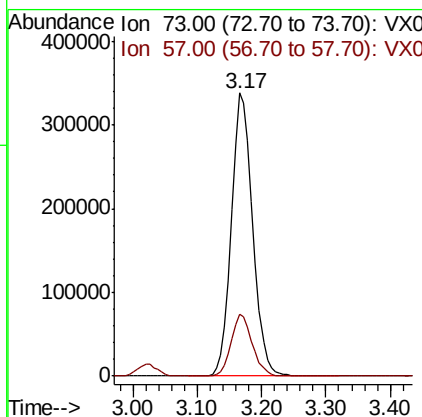
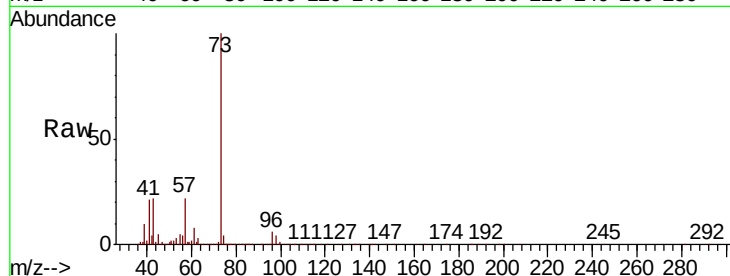


#19

Methyl tert-butyl Ether
 Concen: 51.781 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX018160.D
 Acq: 31 Aug 2020 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

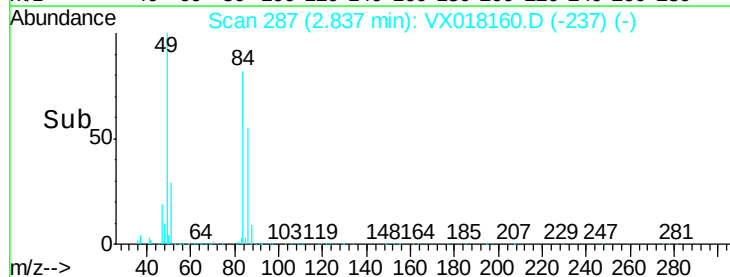
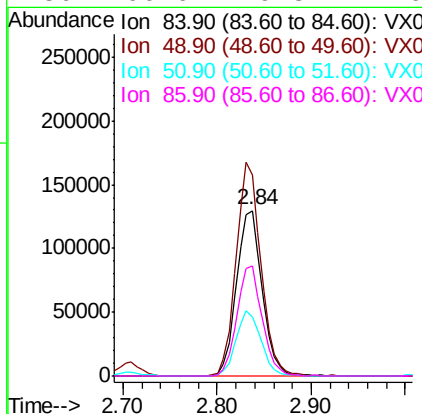
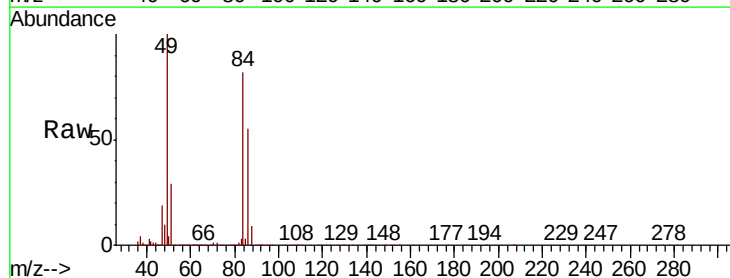
Tot Ion: 73 Resp: 783705
 Ion Ratio Lower Upper
 73 100
 57 21.7 16.8 25.2

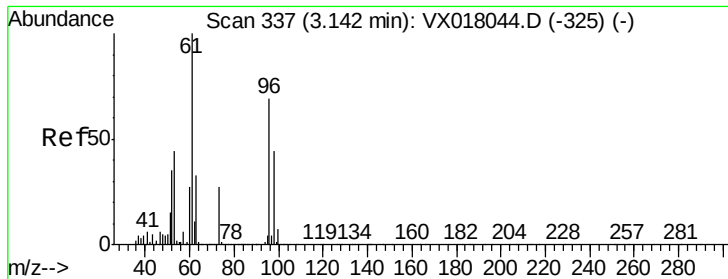


#20

Methylene Chloride
 Concen: 49.205 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: VX018160.D
 Acq: 31 Aug 2020 20:05

Tgt Ion: 84 Resp: 245868
 Ion Ratio Lower Upper
 84 100
 49 121.7 98.6 148.0
 51 35.4 29.6 44.4
 86 66.6 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 48.485 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

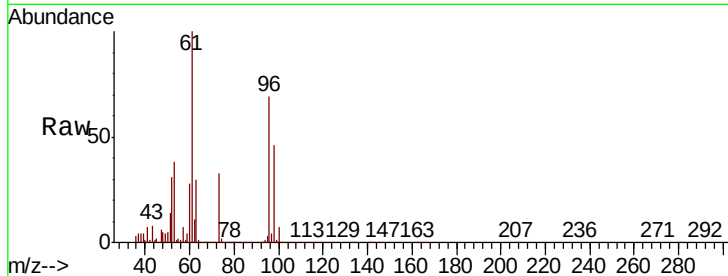
Tot Ion: 96 Resp: 237065

Ion Ratio Lower Upper

96 100

61 145.1 115.4 173.0

98 66.3 51.1 76.7

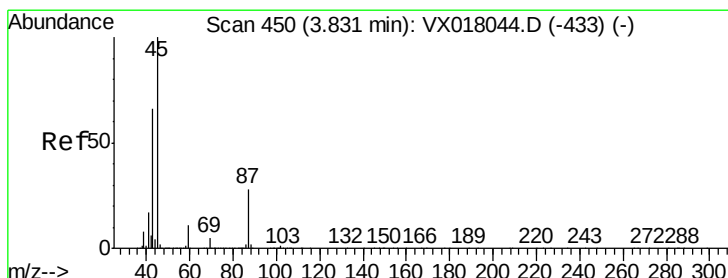
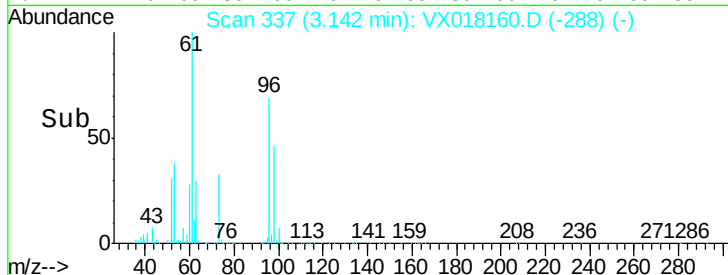
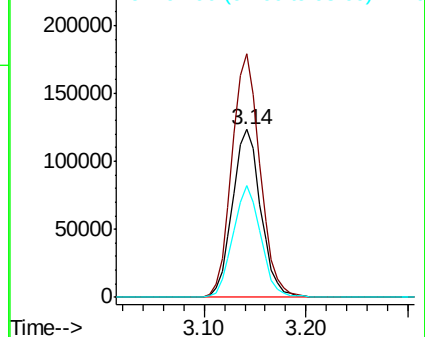


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 49.379 ug/l

RT: 3.83 min Scan# 450

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Tgt Ion: 45 Resp: 772728

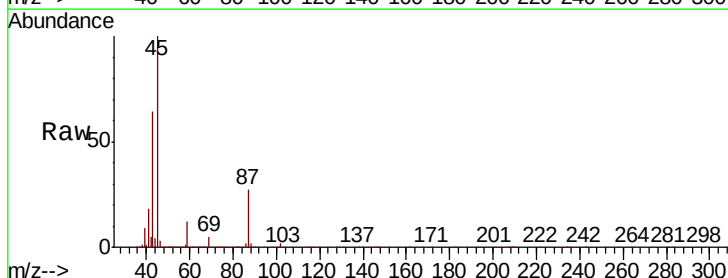
Ion Ratio Lower Upper

45 100

43 63.4 52.8 79.2

87 27.5 22.5 33.7

59 11.6 9.0 13.6



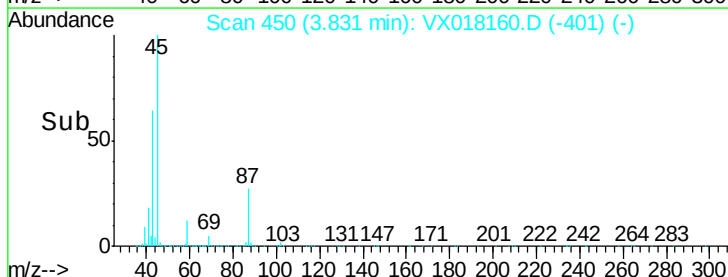
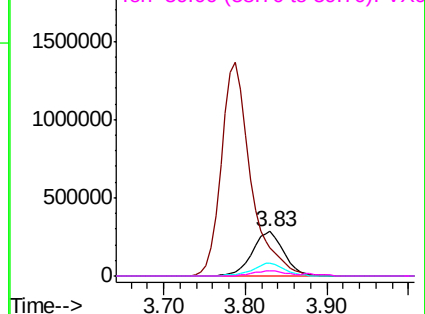
Abundance

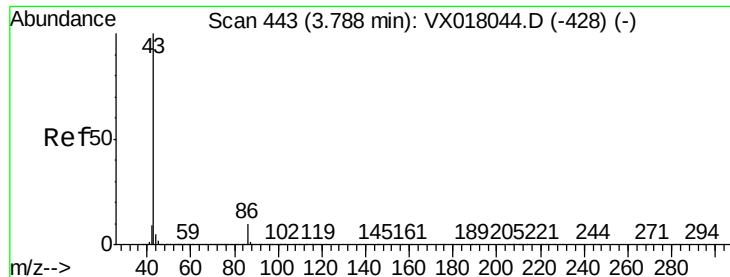
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 246.630 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

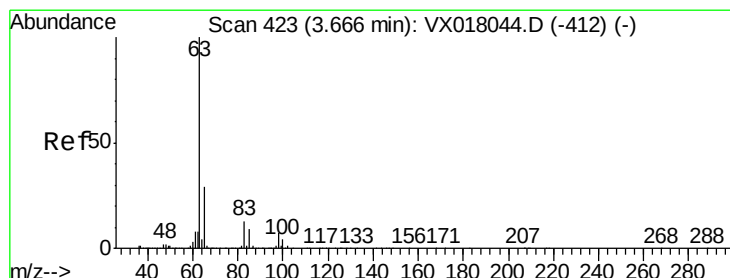
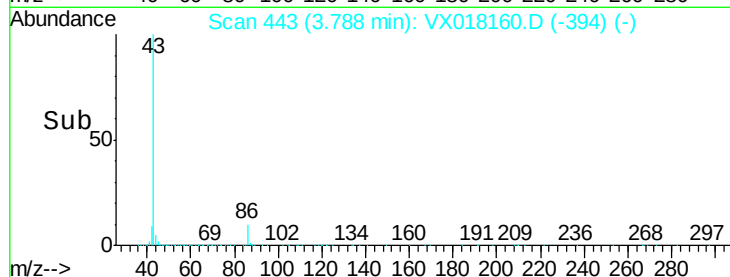
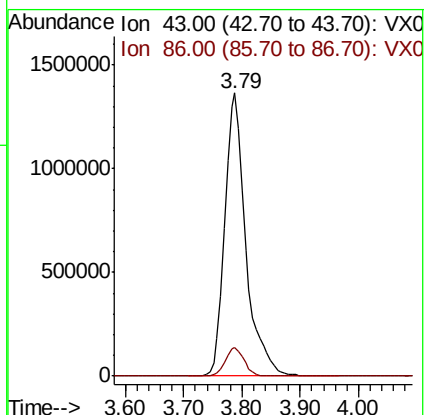
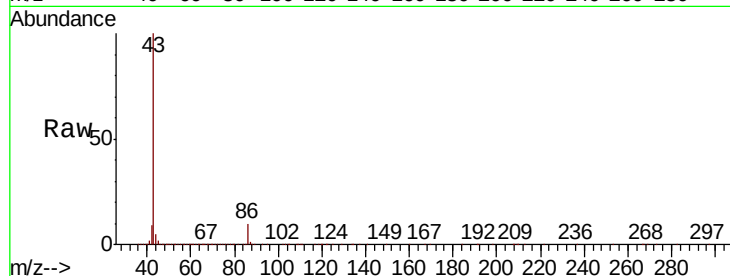
VSTDCCC050EC

Tot Ion: 43 Resp: 3434253

Ion Ratio Lower Upper

43 100

86 10.2 7.9 11.9



#24

1,1-Dichloroethane

Concen: 49.321 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

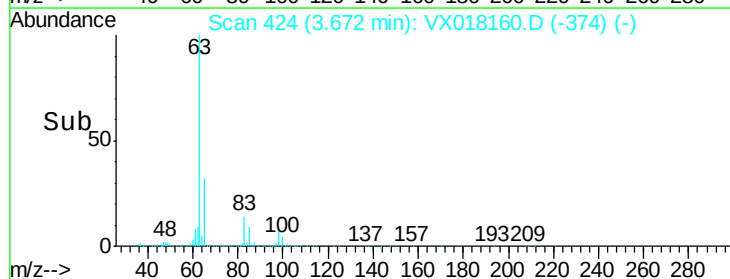
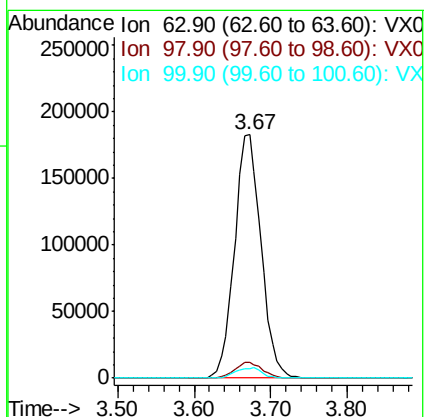
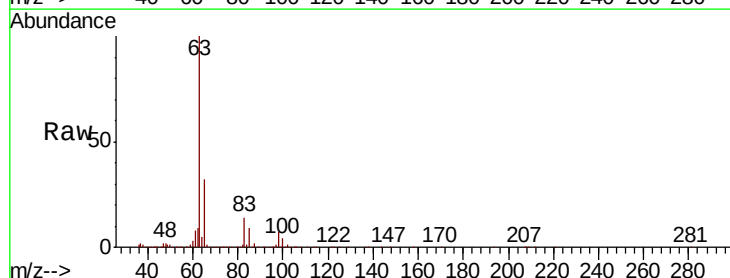
Tgt Ion: 63 Resp: 439359

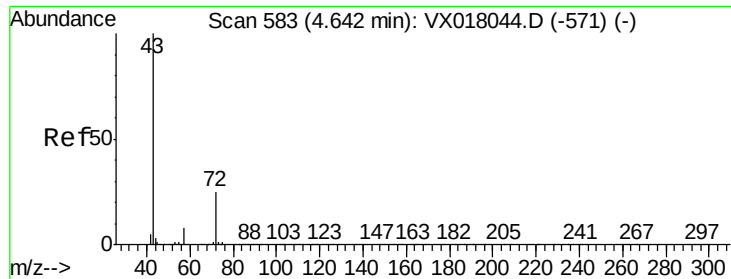
Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.8

100 3.9 2.0 6.0

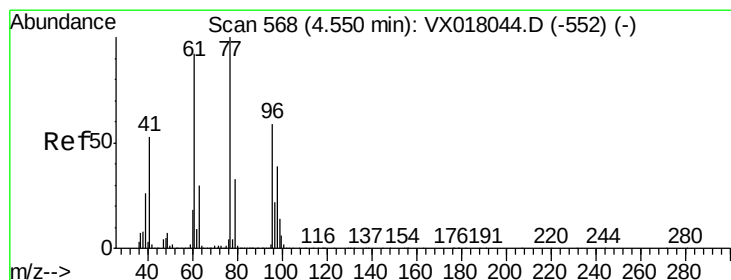
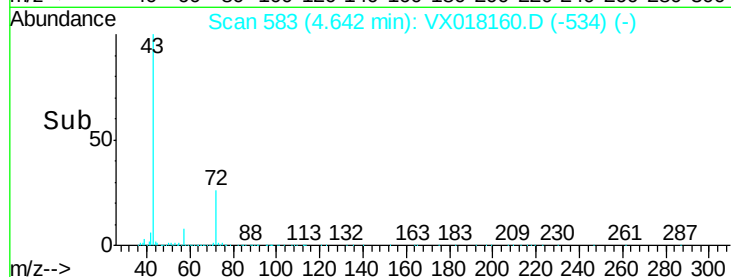
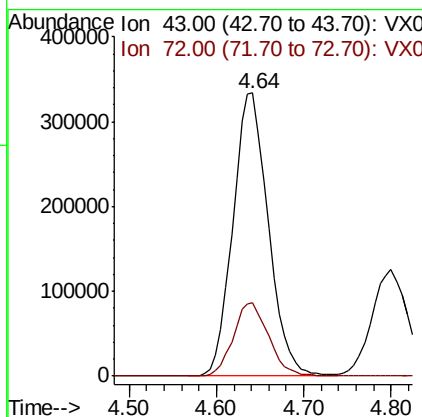
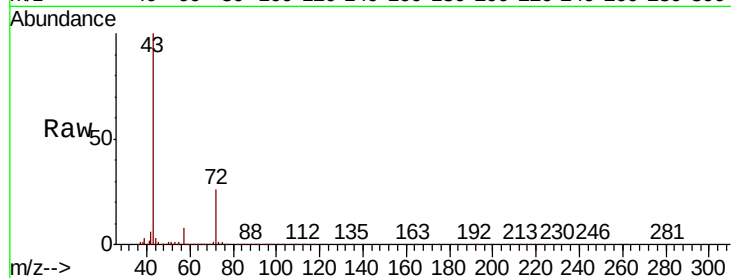




#25
 2-Butanone
 Concen: 233.016 ug/l
 RT: 4.64 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: VX018160.D
 Acq: 31 Aug 2020 20:05

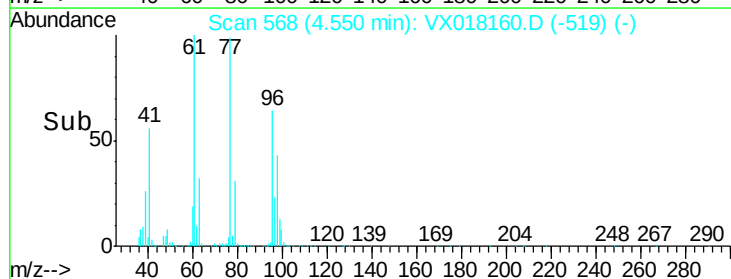
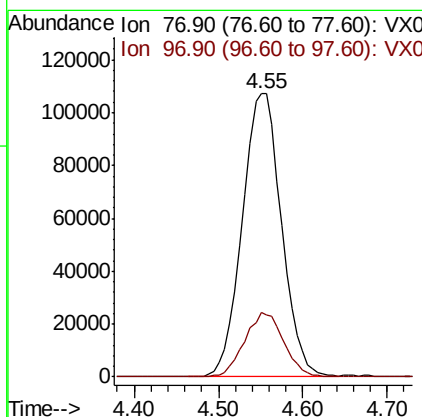
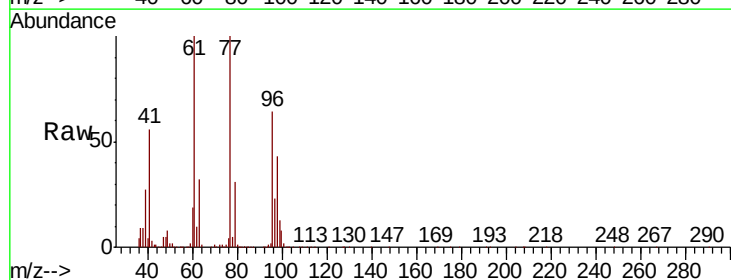
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

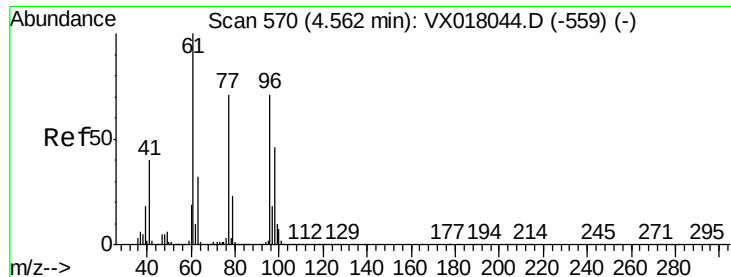
Tot Ion: 43 Resp: 935510
 Ion Ratio Lower Upper
 43 100
 72 26.1 19.8 29.6



#26
 2,2-Dichloropropane
 Concen: 46.848 ug/l
 RT: 4.55 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: VX018160.D
 Acq: 31 Aug 2020 20:05

Tgt Ion: 77 Resp: 339557
 Ion Ratio Lower Upper
 77 100
 97 22.3 11.5 34.5



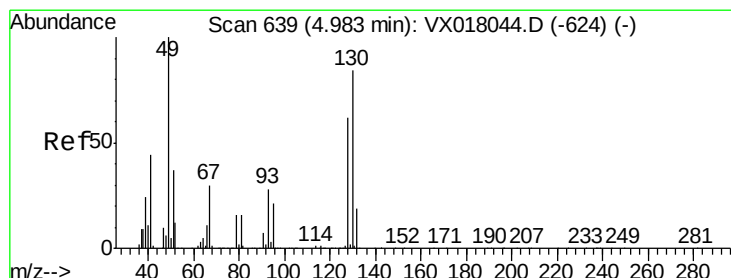
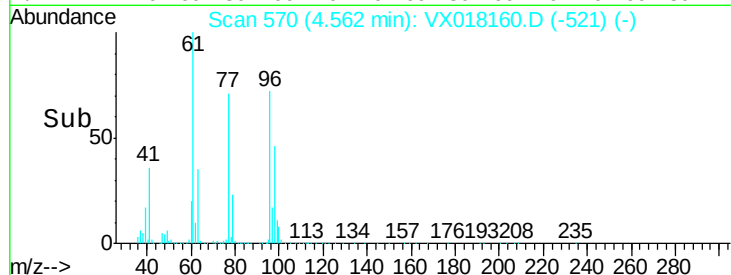
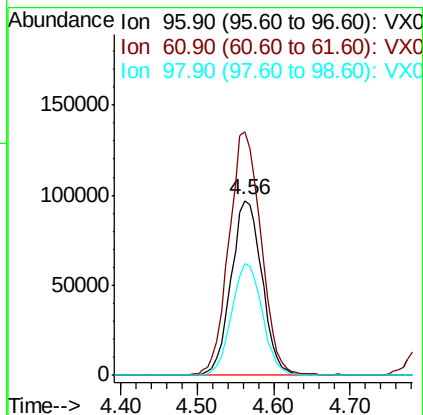
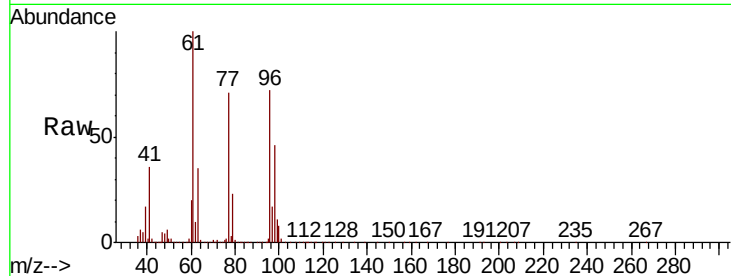


#27

cis-1,2-Dichloroethene
Concen: 48.357 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

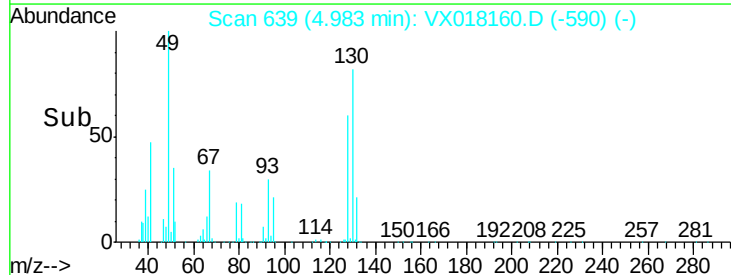
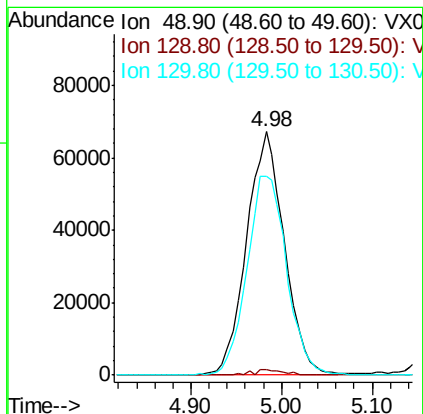
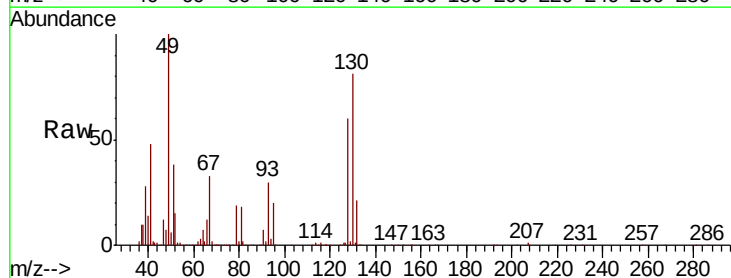
Tot Ion	Ratio	Lower	Upper
96	100		
61	144.6	0.0	296.6
98	63.3	0.0	130.2

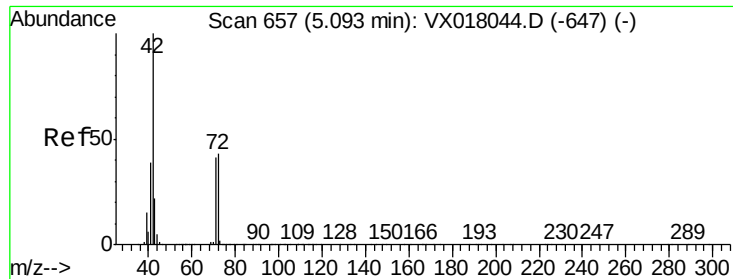


#28

Bromochloromethane
Concen: 44.974 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.6
130	86.1	64.6	96.8

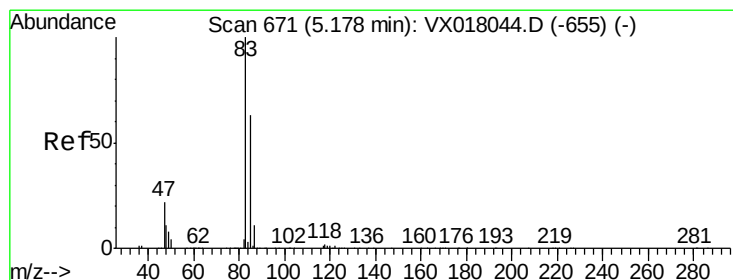
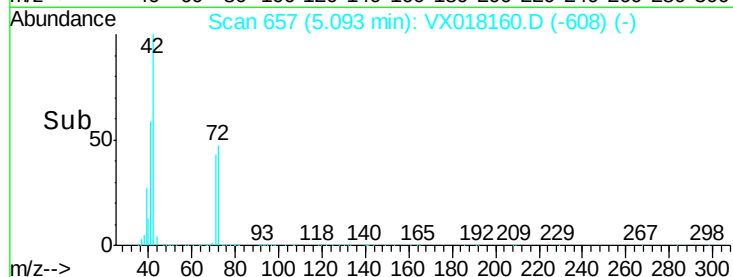
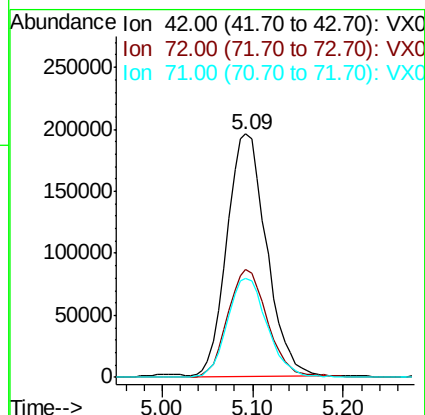
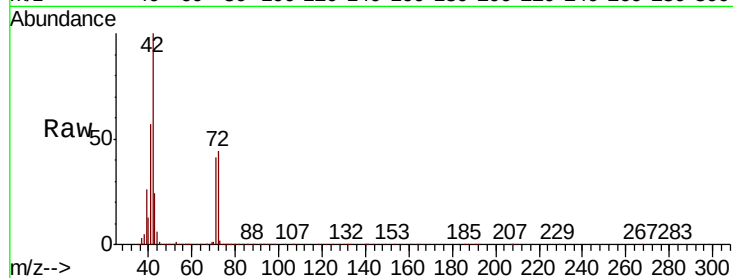




#29
Tetrahydrofuran
Concen: 231.890 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

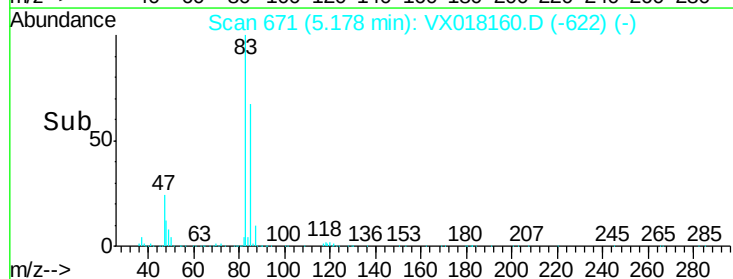
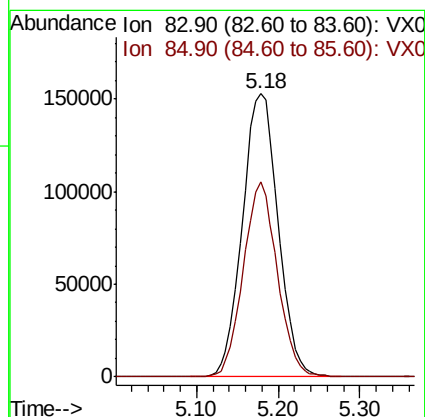
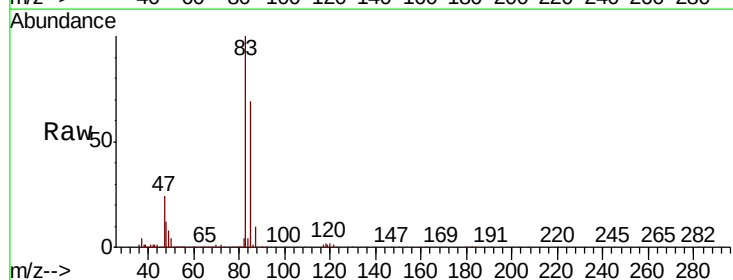
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

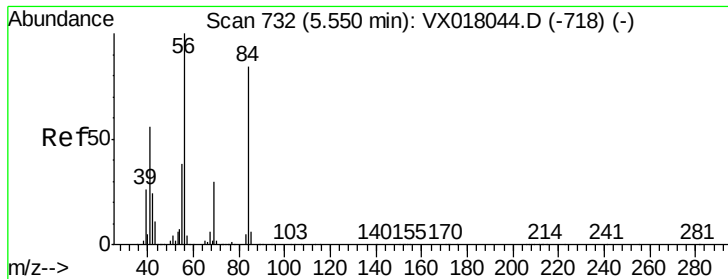
Tot Ion: 42 Resp: 592649
Ion Ratio Lower Upper
42 100
72 45.5 34.2 51.4
71 41.3 32.1 48.1



#30
Chloroform
Concen: 50.475 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Tgt Ion: 83 Resp: 465582
Ion Ratio Lower Upper
83 100
85 68.7 50.7 76.1

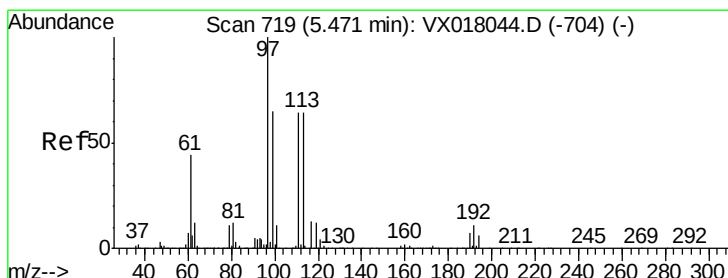
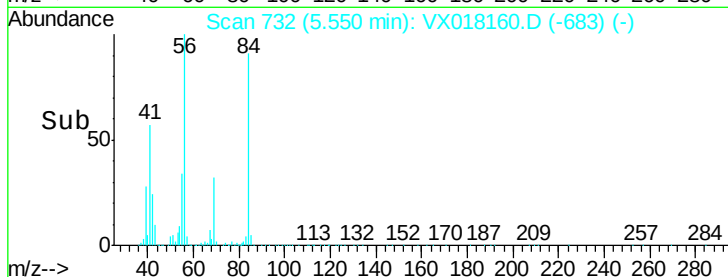
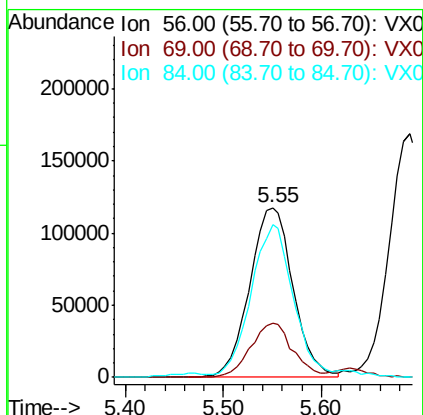
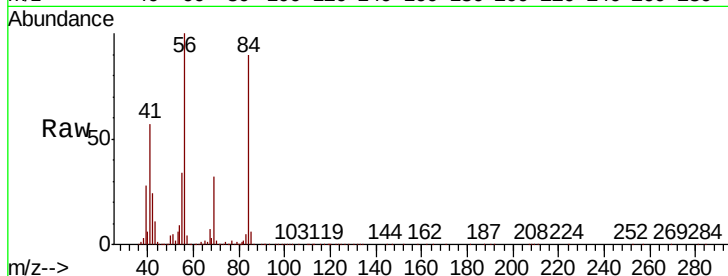




#31
Cyclohexane
Concen: 48.400 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

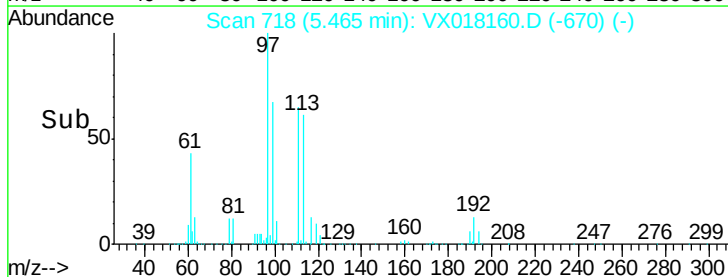
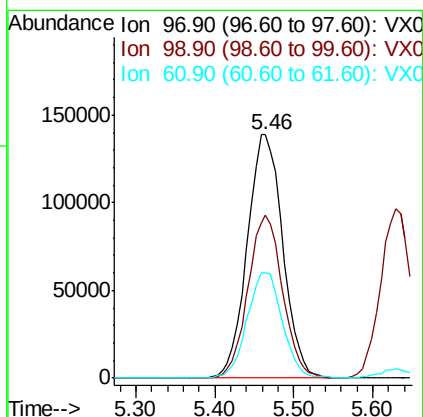
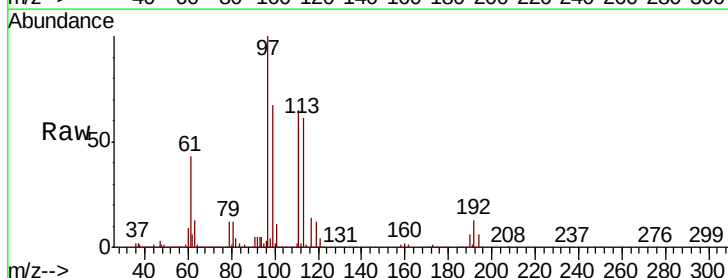
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

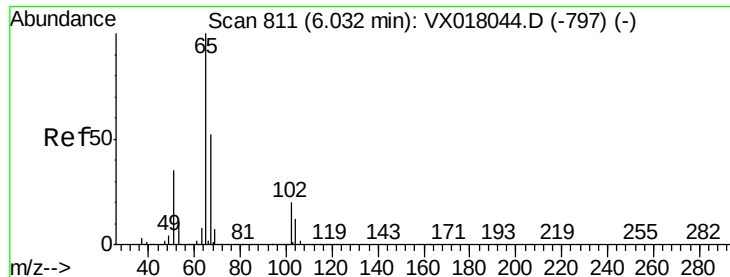
Tot Ion: 56 Resp: 363190
Ion Ratio Lower Upper
56 100
69 31.8 23.9 35.9
84 88.3 67.0 100.4



#32
1,1,1-Trichloroethane
Concen: 51.286 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Tgt Ion: 97 Resp: 434126
Ion Ratio Lower Upper
97 100
99 65.4 51.4 77.0
61 43.1 34.2 51.4

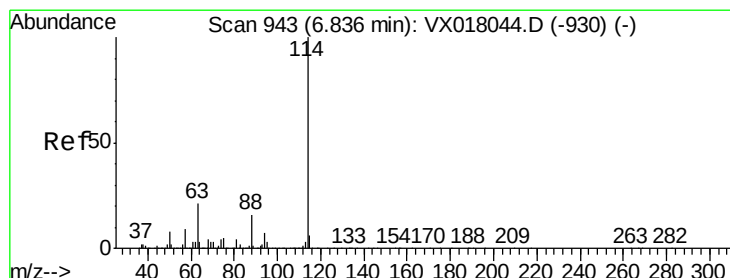
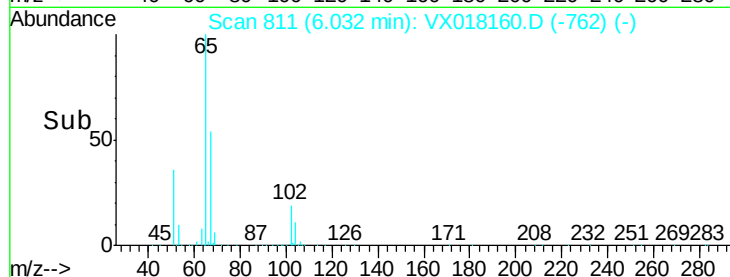
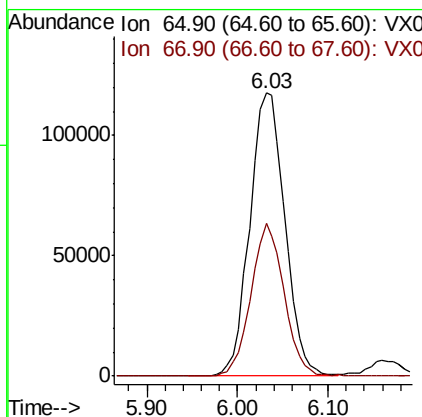
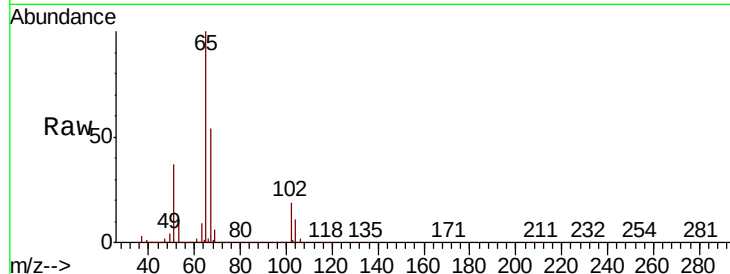




#33
 1,2-Dichloroethane-d4
 Concen: 50.385 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018160.D
 Acq: 31 Aug 2020 20:05

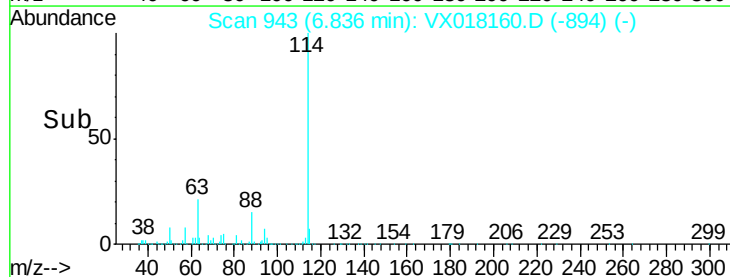
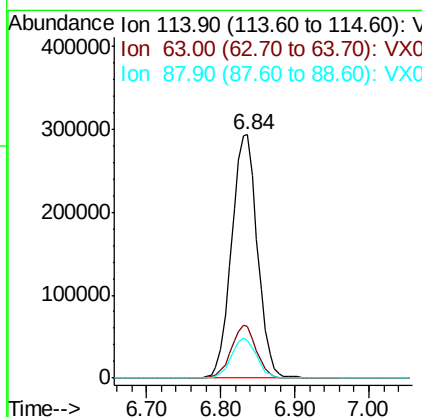
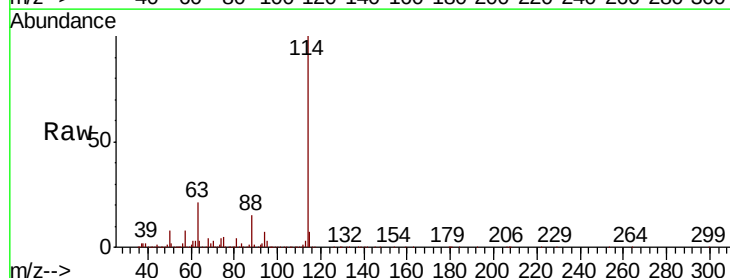
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

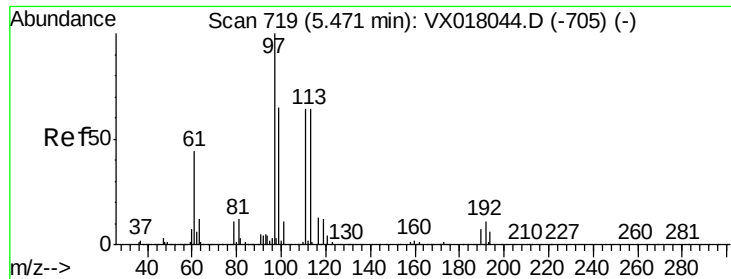
Tot Ion: 65 Resp: 315878
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: VX018160.D
 Acq: 31 Aug 2020 20:05

Tgt Ion: 114 Resp: 713775
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.6
 88 15.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.047 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

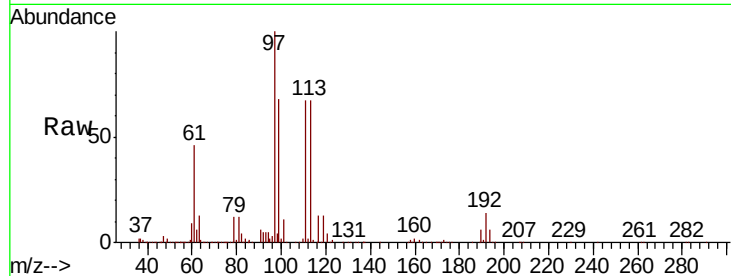
Tot Ion:113 Resp: 248146

Ion Ratio Lower Upper

113 100

111 102.5 81.6 122.4

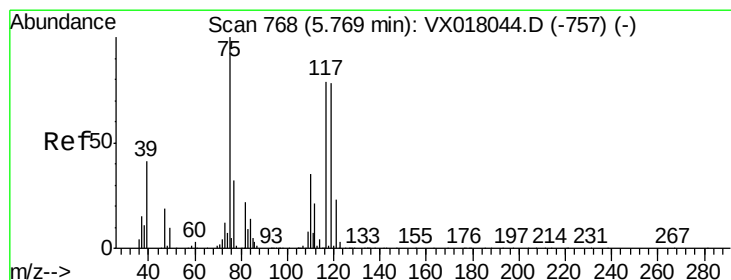
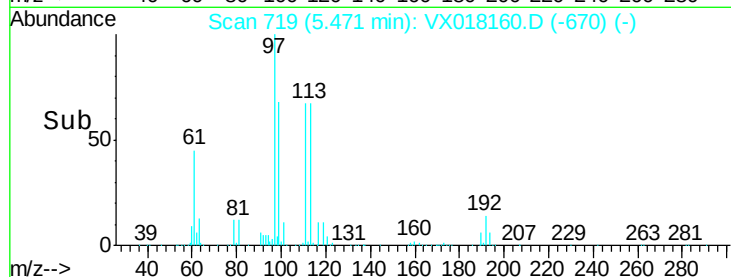
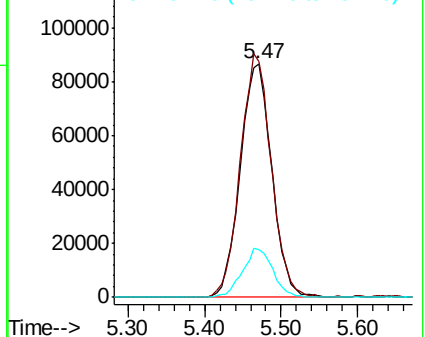
192 20.2 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.090 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

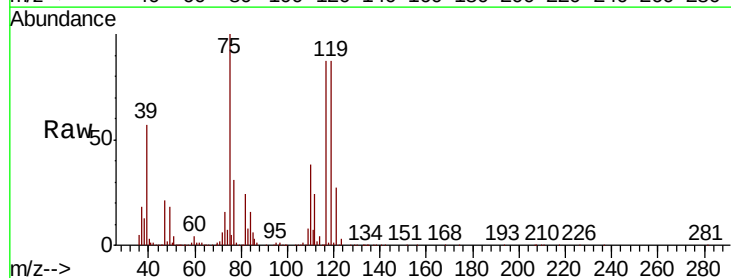
Tgt Ion: 75 Resp: 336351

Ion Ratio Lower Upper

75 100

110 36.0 18.0 54.0

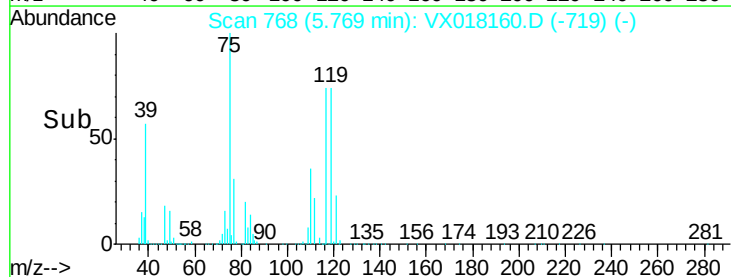
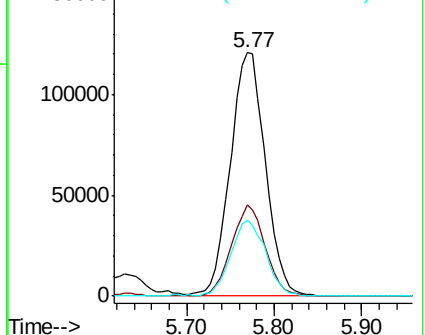
77 30.6 24.4 36.6

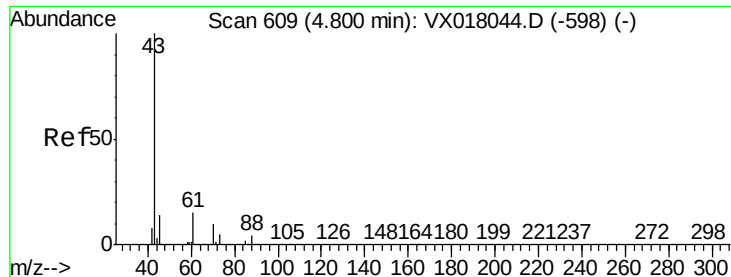


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

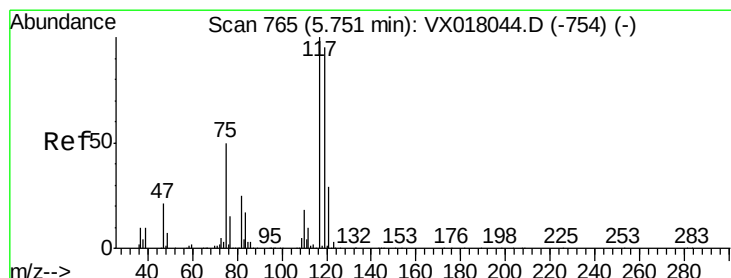
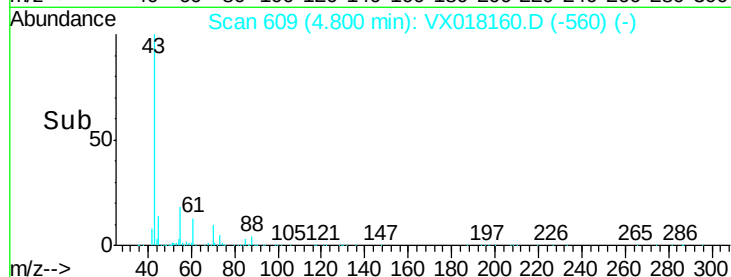
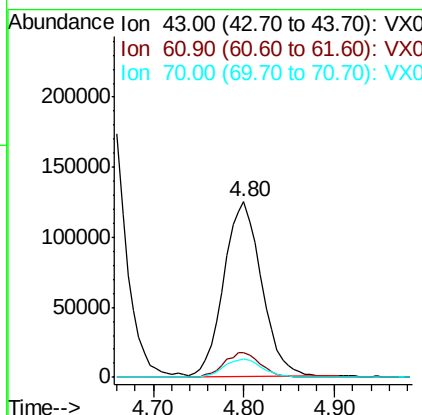
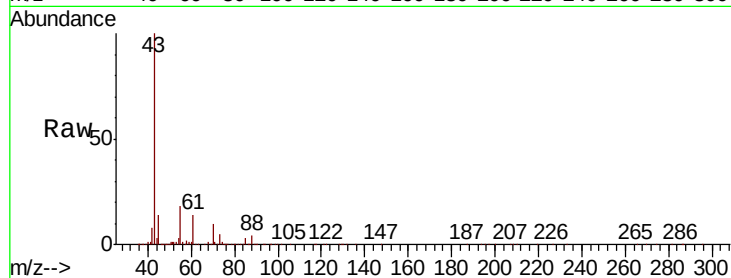




#37
Ethyl Acetate
Concen: 47.178 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

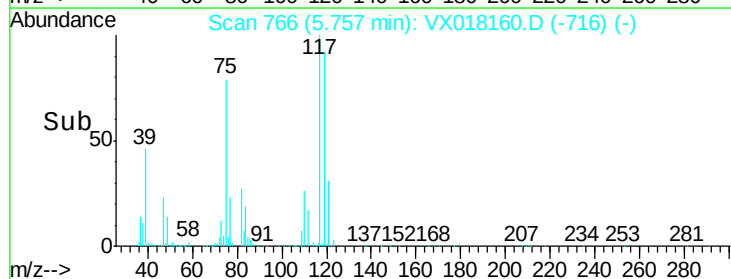
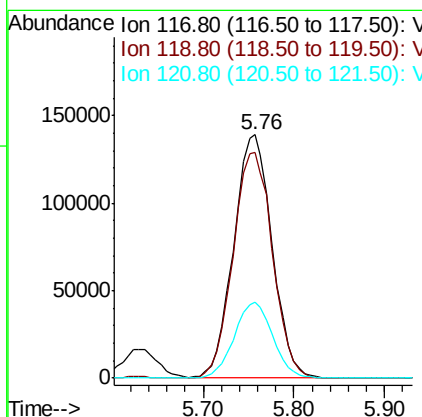
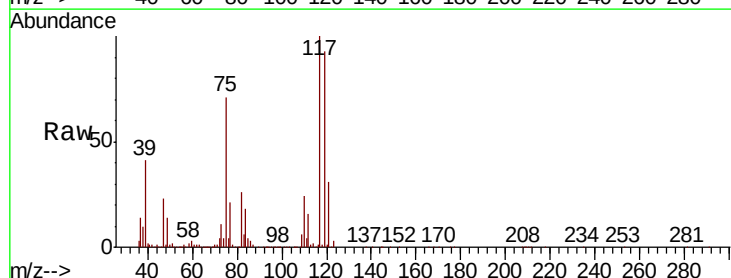
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

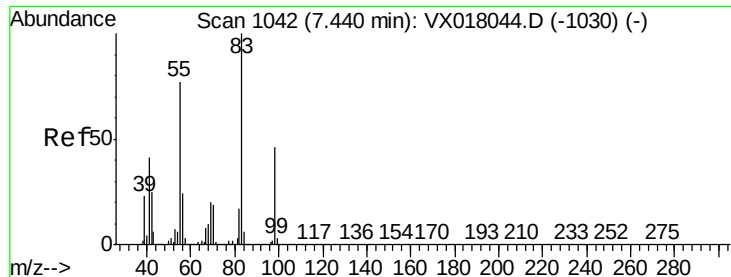
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.3	16.9
70	10.8	8.2	12.4



#38
Carbon Tetrachloride
Concen: 54.937 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.8	75.8	113.6
121	31.0	23.4	35.0

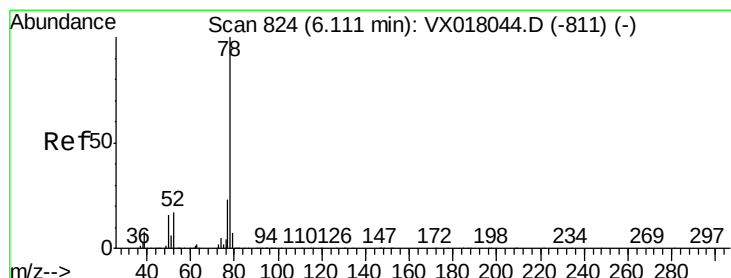
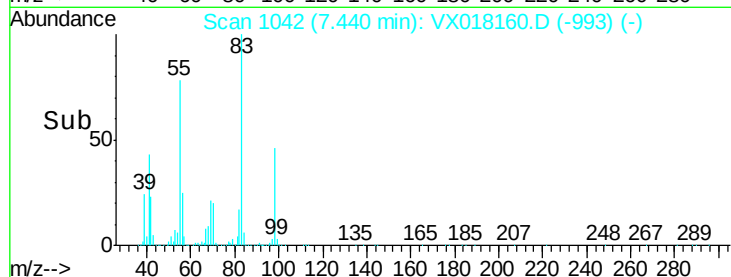
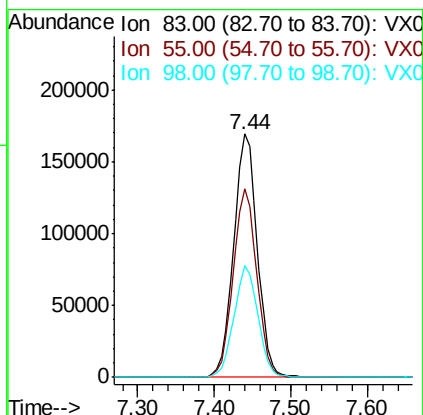
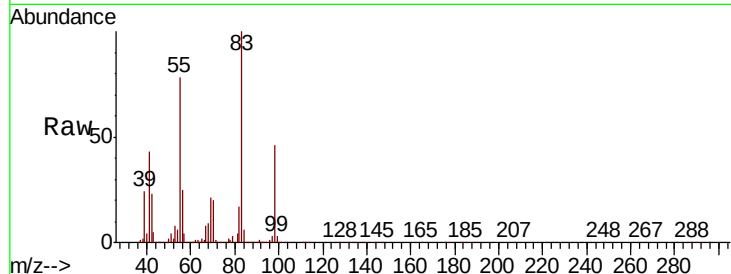




#39
Methylvlcyclohexane
Concen: 50.395 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

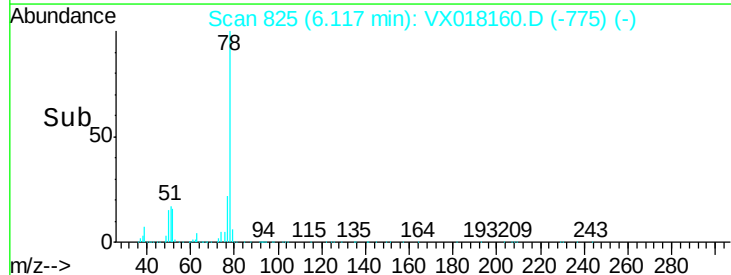
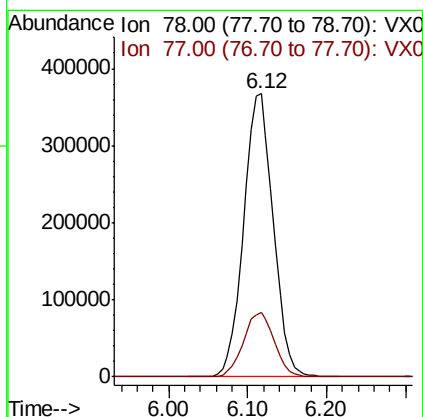
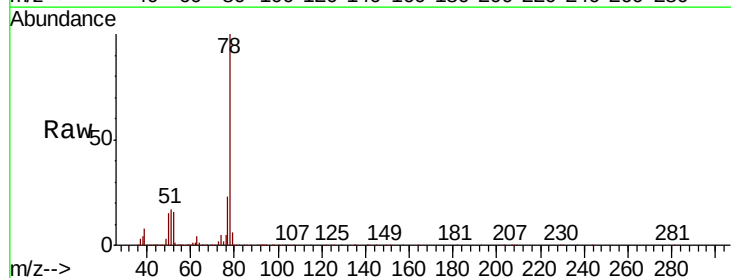
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

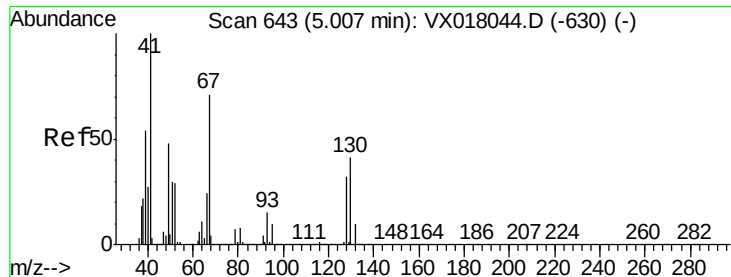
Tot Ion	Ratio	Lower	Upper
83	100		
55	77.7	61.8	92.6
98	45.8	36.6	55.0



#40
Benzene
Concen: 49.435 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.2	27.2

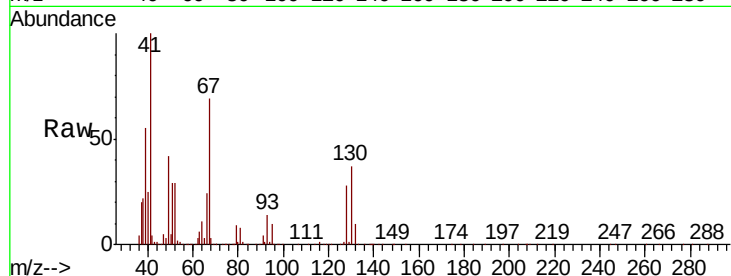




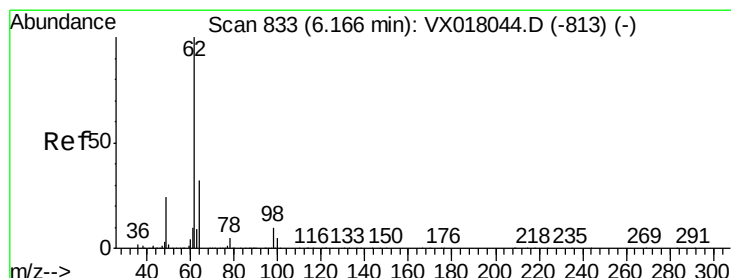
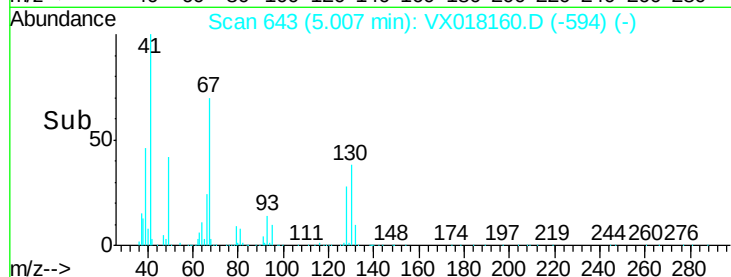
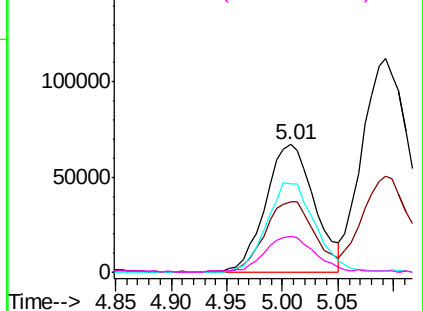
#41
Methacrylonitrile
Concen: 48.939 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	205464
Ion	Ratio	Lower	Upper
41	100		
39	55.8	43.1	64.7
67	69.1	56.0	84.0
52	29.3	22.7	34.1

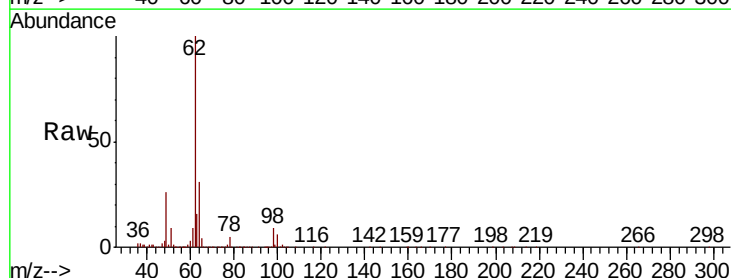


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

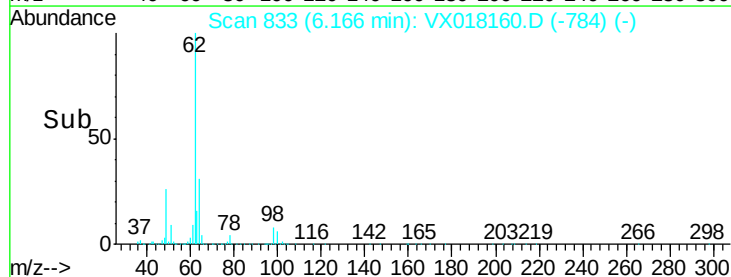
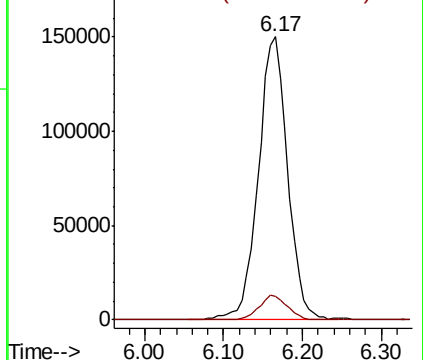


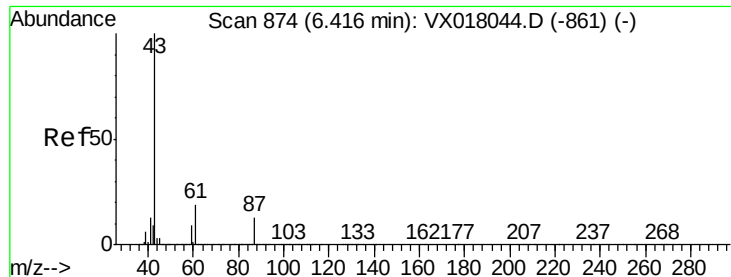
#42
1,2-Dichloroethane
Concen: 52.244 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Tgt Ion:	62	Resp:	387220
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 48.388 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

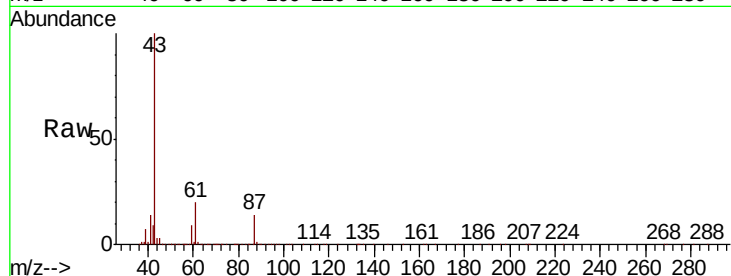
Tot Ion: 43 Resp: 597602

Ion Ratio Lower Upper

43 100

61 19.8 15.7 23.5

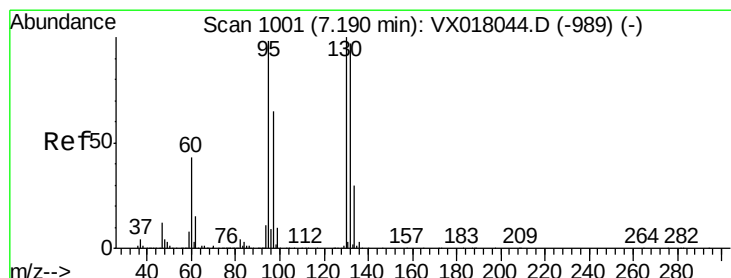
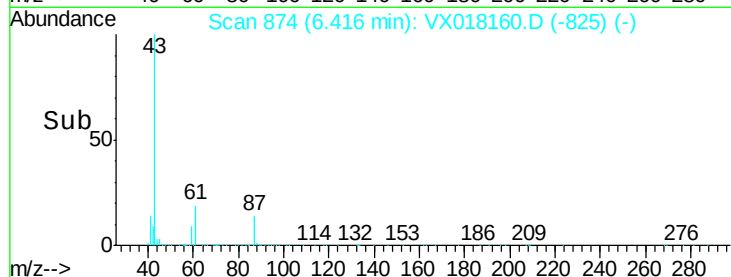
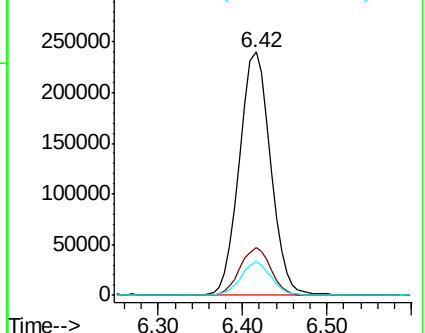
87 13.3 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VX018160.D (-825) (-)

Ion 61.00 (60.70 to 61.70): VX018160.D (-825) (-)

Ion 87.00 (86.70 to 87.70): VX018160.D (-825) (-)



#44

Trichloroethene

Concen: 51.022 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018160.D

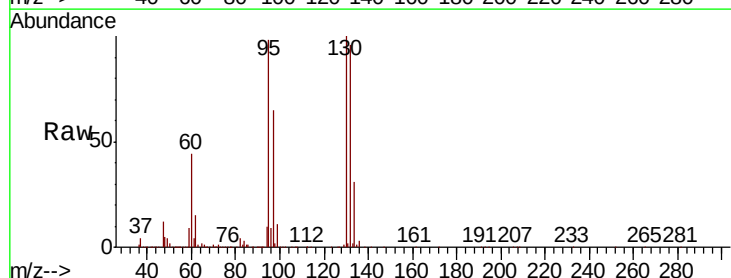
Acq: 31 Aug 2020 20:05

Tgt Ion: 130 Resp: 278888

Ion Ratio Lower Upper

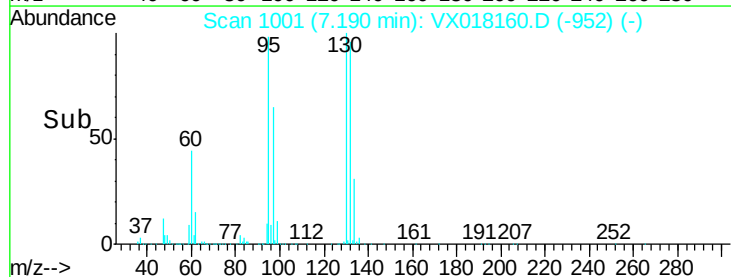
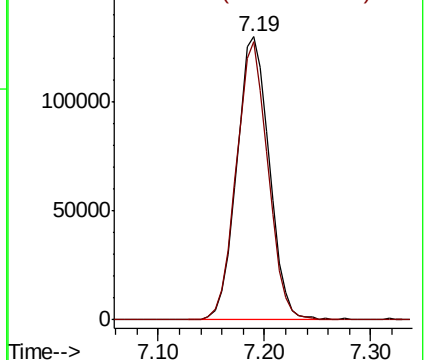
130 100

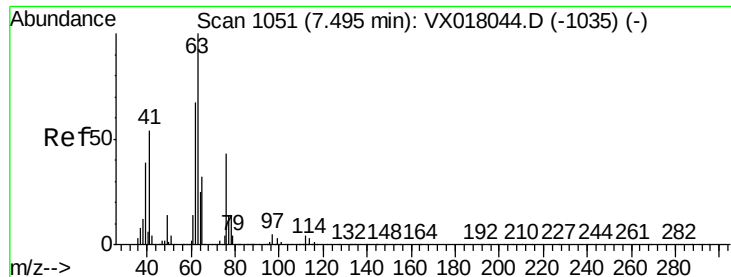
95 98.2 0.0 196.4



Abundance Ion 129.80 (129.50 to 130.50): VX018160.D (-952) (-)

Ion 94.90 (94.60 to 95.60): VX018160.D (-952) (-)

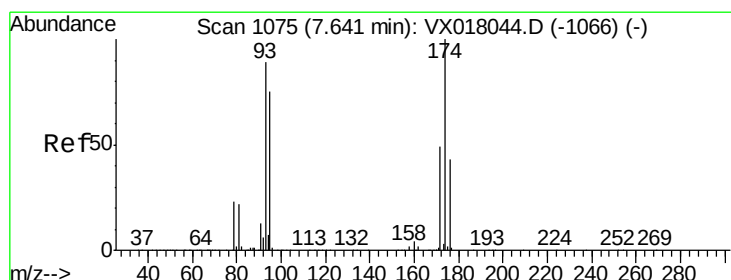
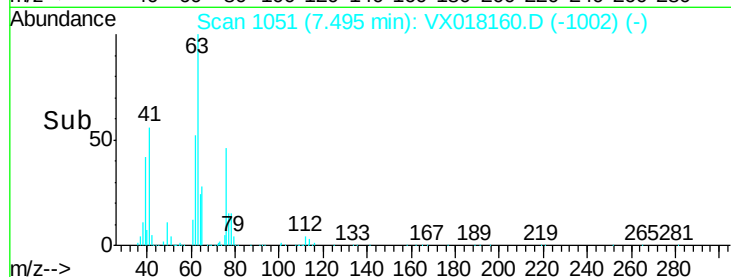
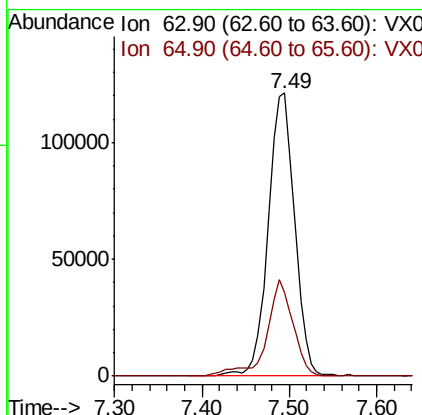
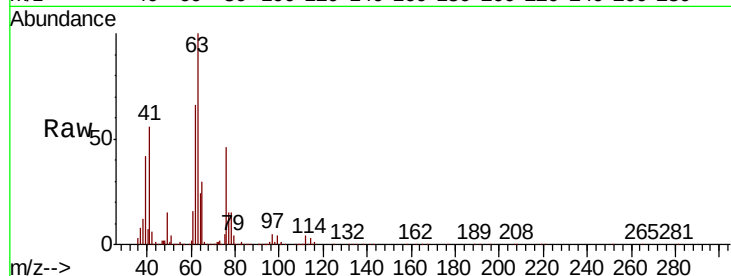




#45
 1,2-Dichloropropane
 Concen: 49.098 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VX018160.D
 Acq: 31 Aug 2020 20:05

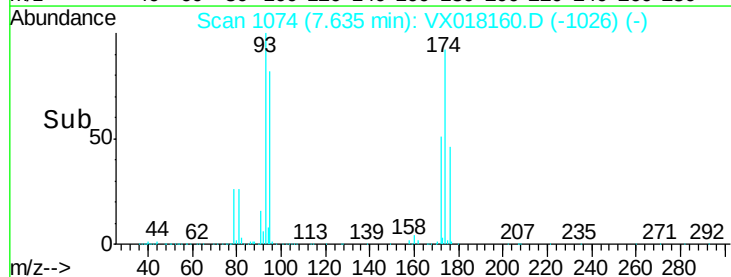
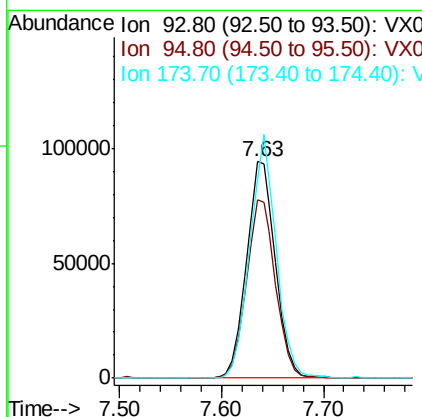
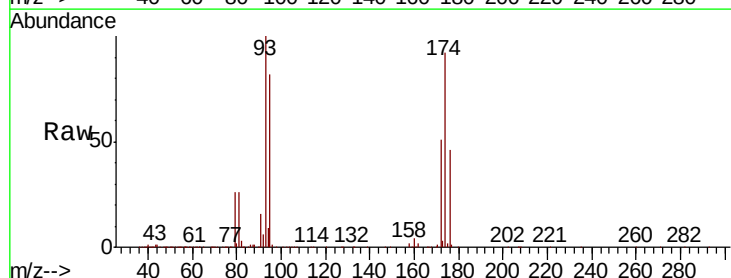
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

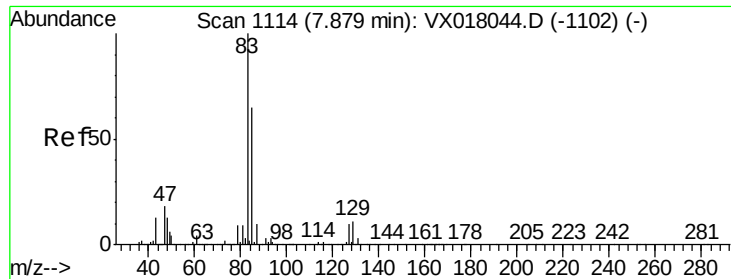
Tot Ion: 63 Resp: 255988
 Ion Ratio Lower Upper
 63 100
 65 29.8 25.7 38.5



#46
 Dibromomethane
 Concen: 50.408 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX018160.D
 Acq: 31 Aug 2020 20:05

Tgt Ion: 93 Resp: 184816
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.3 100.9
 174 103.2 82.2 123.2





#47

Bromodichloromethane

Concen: 52.745 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

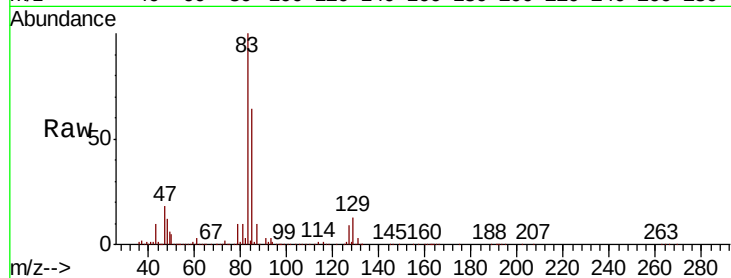
Tot Ion: 83 Resp: 386127

Ion Ratio Lower Upper

83 100

85 64.3 51.8 77.6

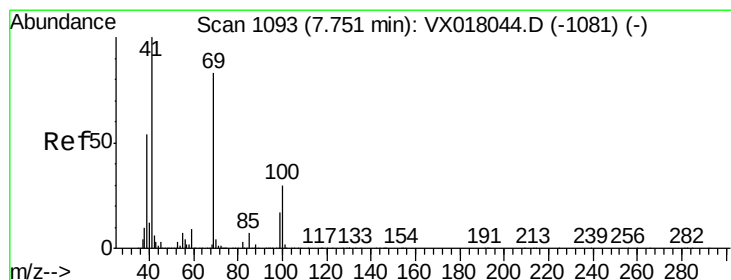
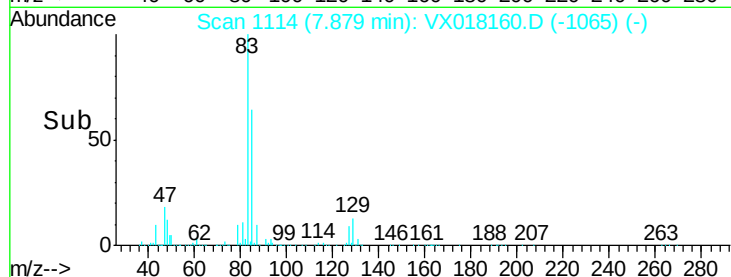
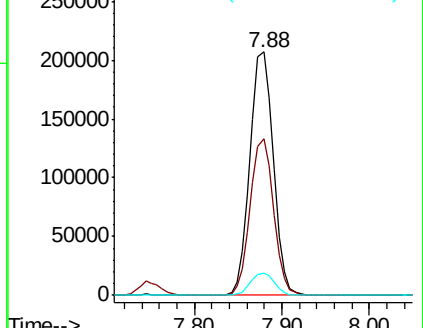
127 9.3 7.7 11.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.888 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

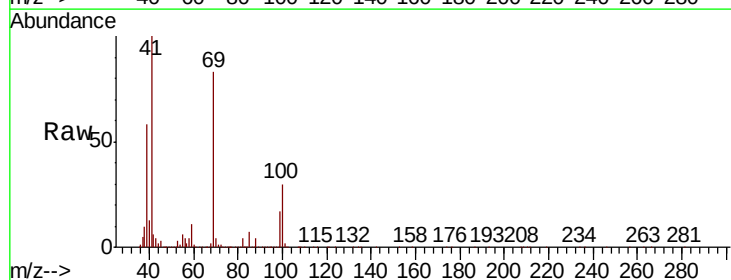
Tgt Ion: 41 Resp: 300563

Ion Ratio Lower Upper

41 100

69 82.1 65.5 98.3

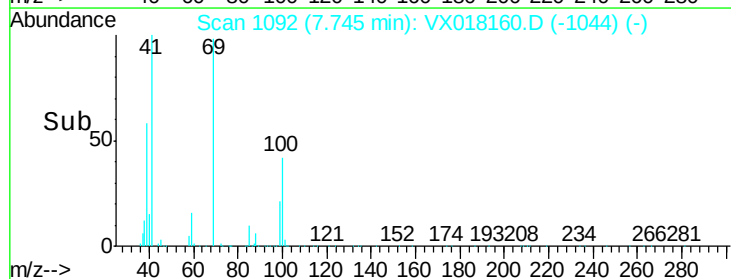
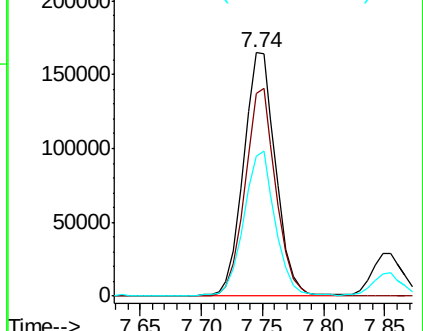
39 57.6 44.5 66.7

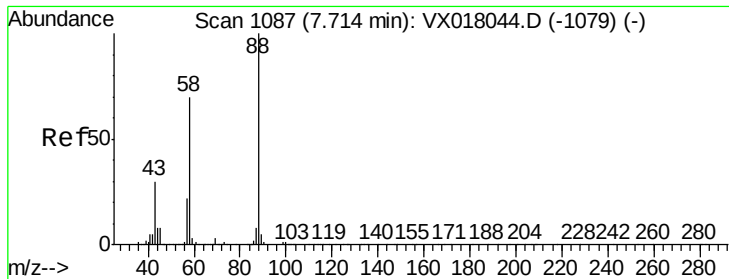


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 934.106 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

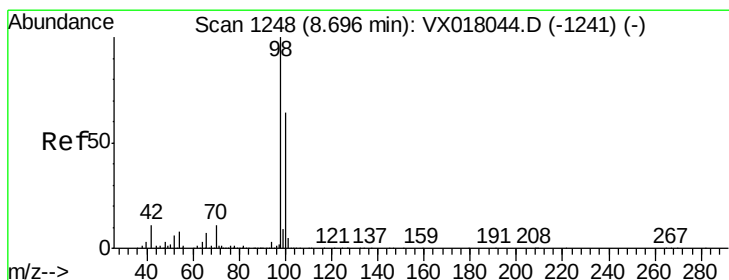
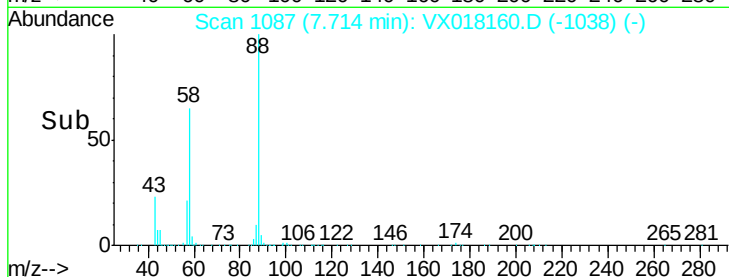
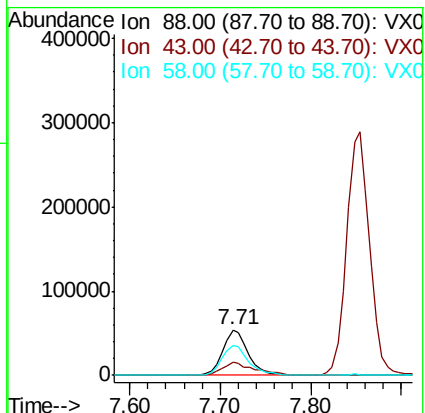
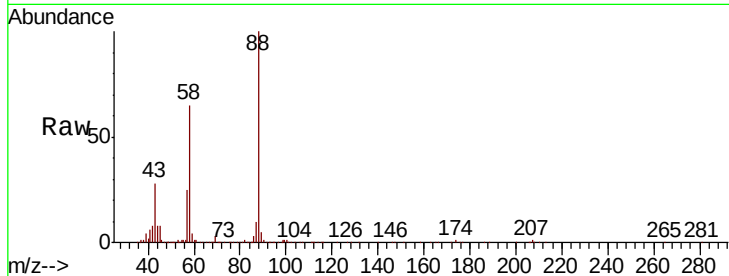
Tot Ion: 88 Resp: 104028

Ion Ratio Lower Upper

88 100

43 34.6 27.4 41.0

58 70.1 56.4 84.6



#50

Toluene-d8

Concen: 48.478 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018160.D

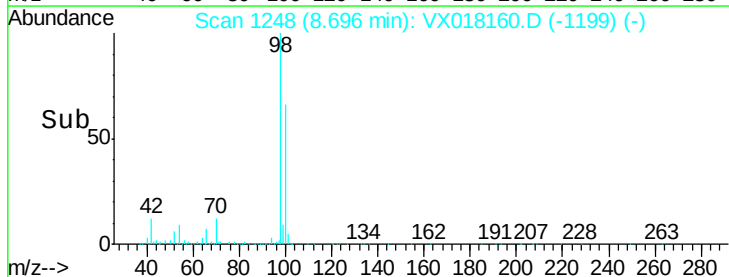
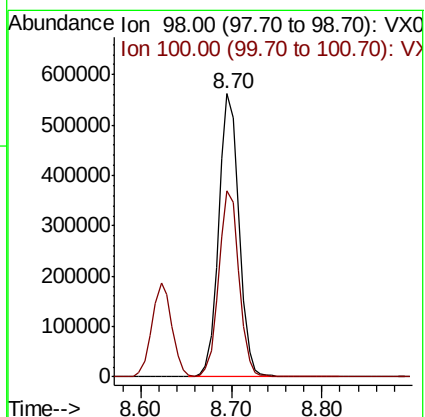
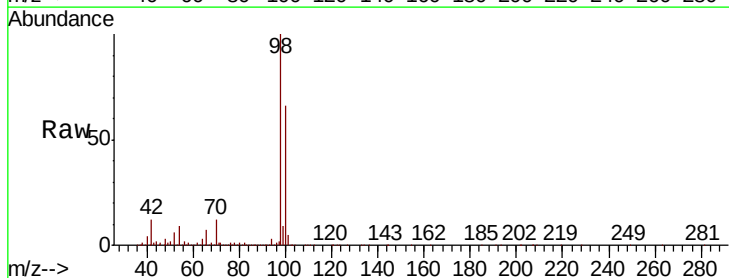
Acq: 31 Aug 2020 20:05

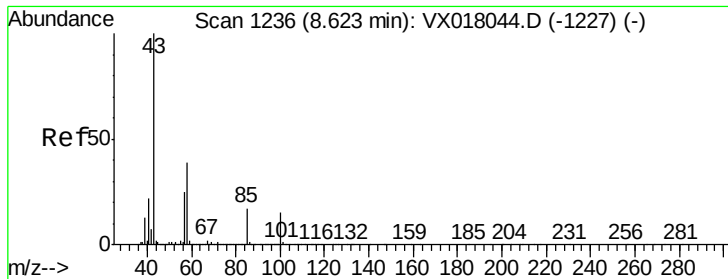
Tgt Ion: 98 Resp: 877729

Ion Ratio Lower Upper

98 100

100 65.9 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 248.834 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

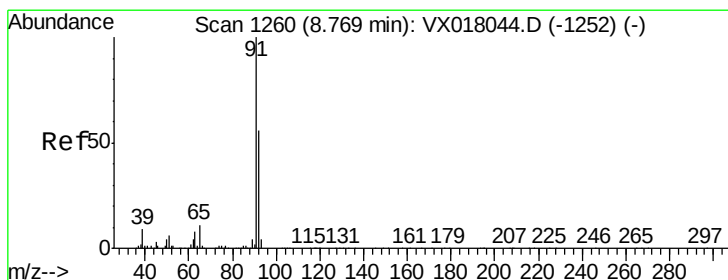
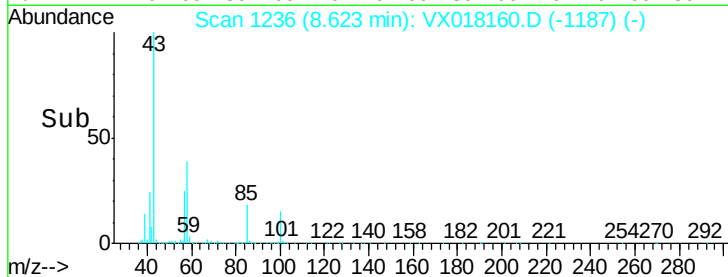
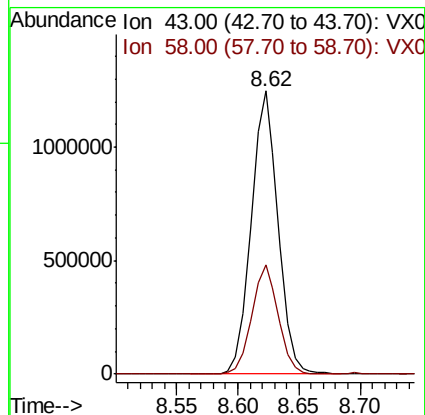
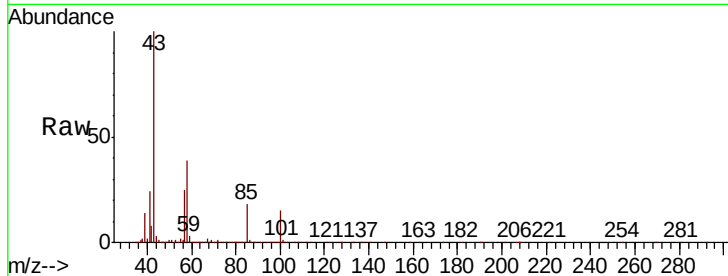
VSTDCCC050EC

Tot Ion: 43 Resp: 1898318

Ion Ratio Lower Upper

43 100

58 38.2 30.7 46.1



#52

Toluene

Concen: 50.337 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018160.D

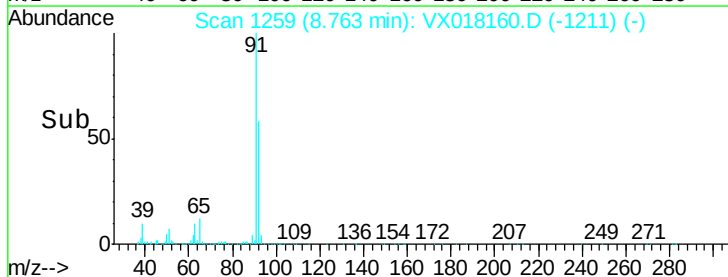
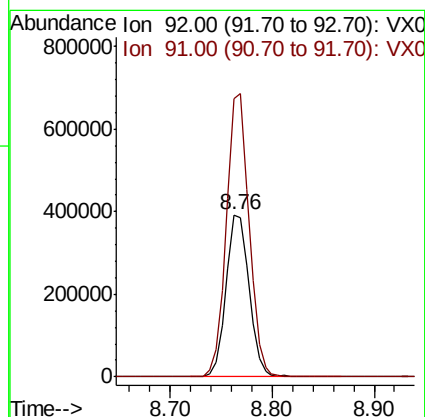
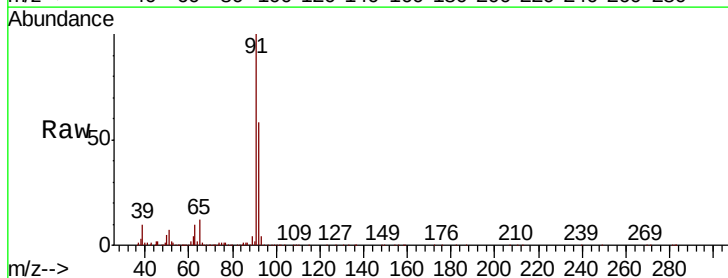
Acq: 31 Aug 2020 20:05

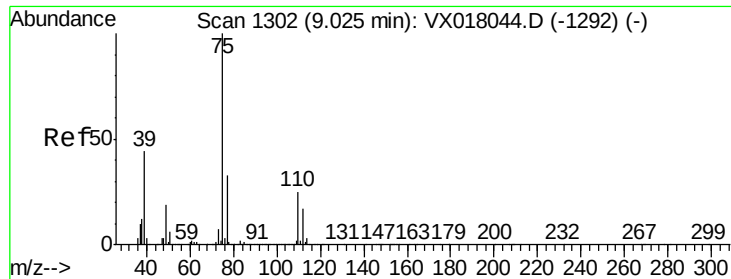
Tgt Ion: 92 Resp: 617465

Ion Ratio Lower Upper

92 100

91 171.3 140.3 210.5

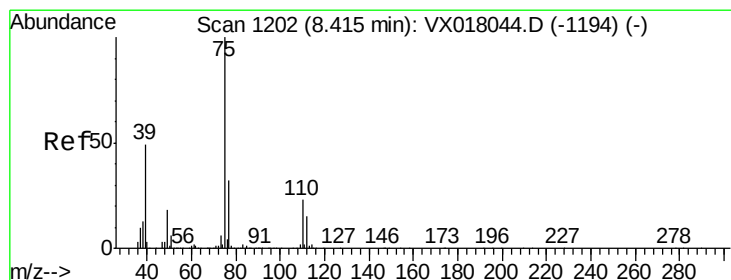
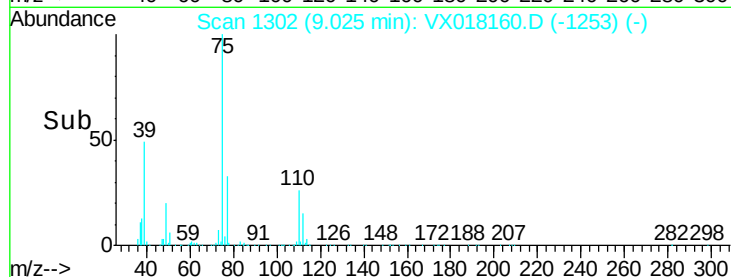
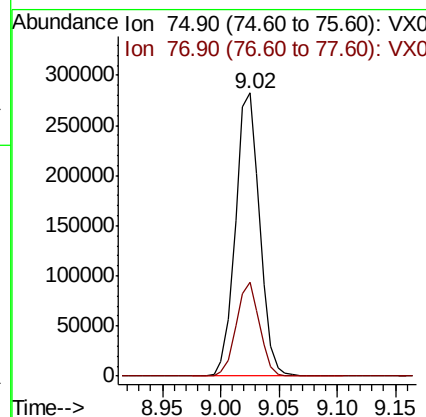
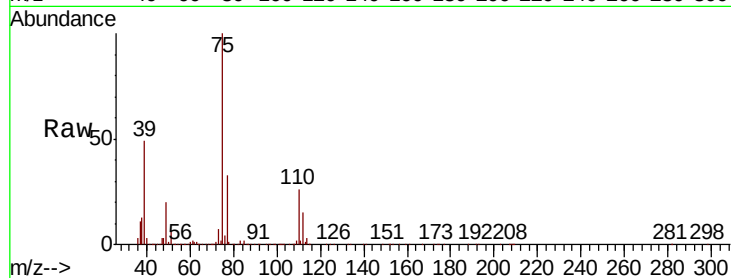




#53
 t-1,3-Dichloropropene
 Concen: 50.489 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX018160.D
 Acq: 31 Aug 2020 20:05

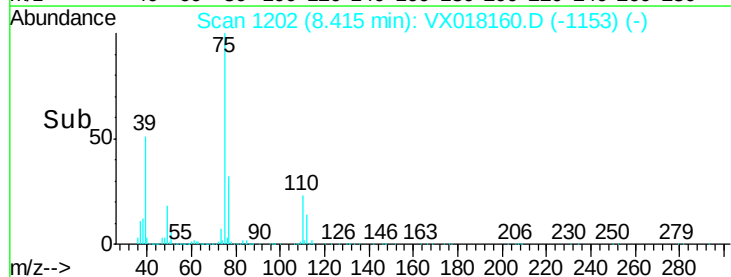
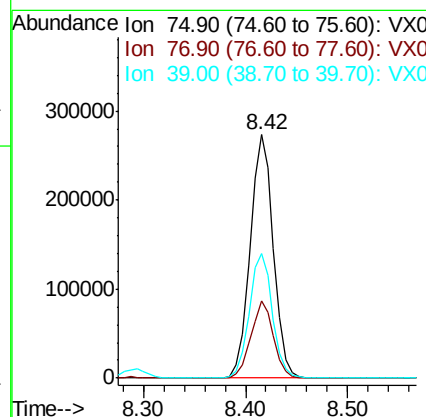
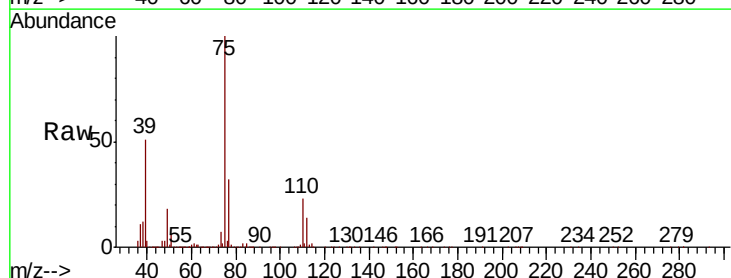
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

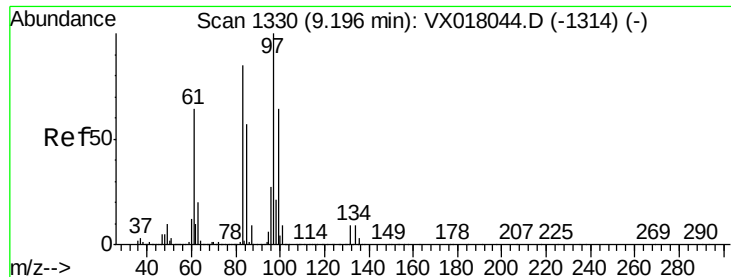
Tot Ion: 75 Resp: 409641
 Ion Ratio Lower Upper
 75 100
 77 33.1 26.6 39.8



#54
 cis-1,3-Dichloropropene
 Concen: 50.012 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX018160.D
 Acq: 31 Aug 2020 20:05

Tgt Ion: 75 Resp: 429850
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.8 38.8
 39 51.2 38.8 58.2

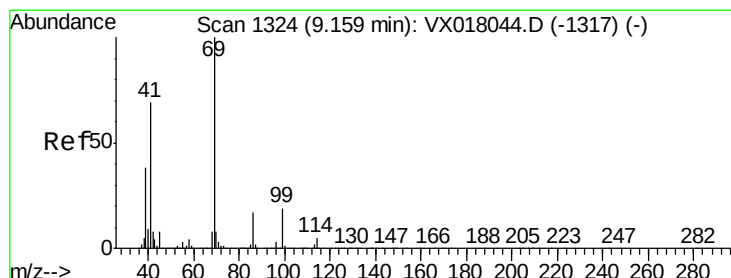
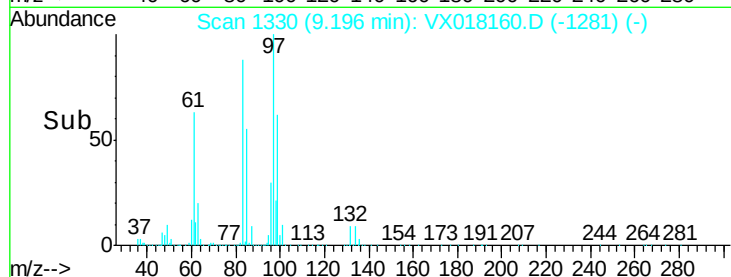
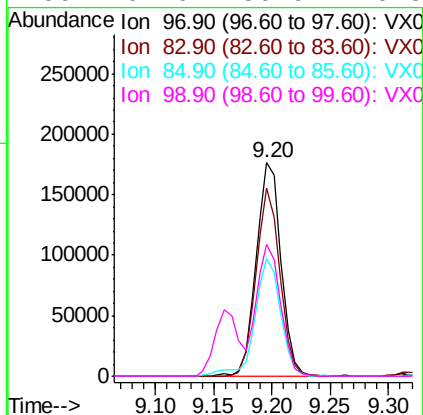
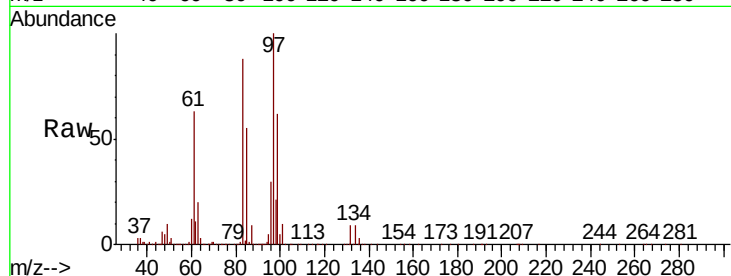




#55
 1,1,2-Trichloroethane
 Concen: 50.382 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018160.D
 Acq: 31 Aug 2020 20:05

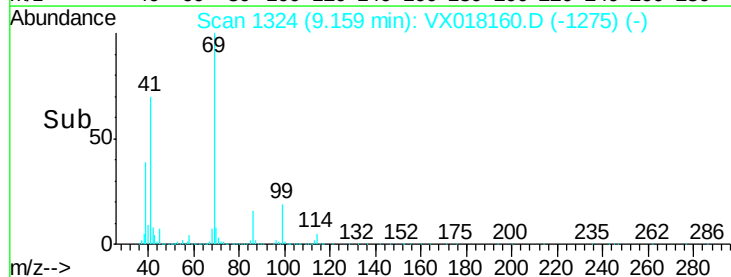
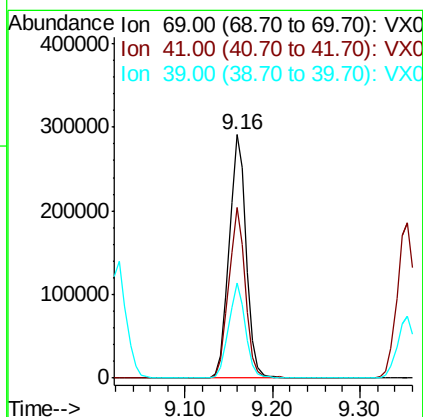
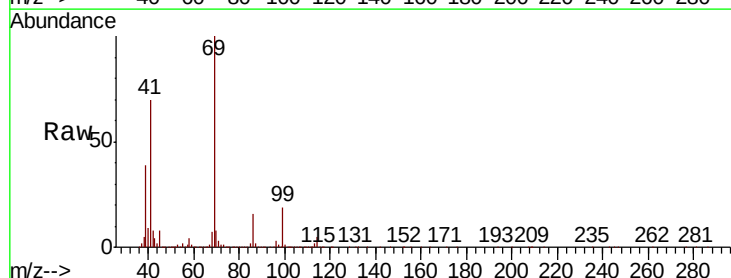
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

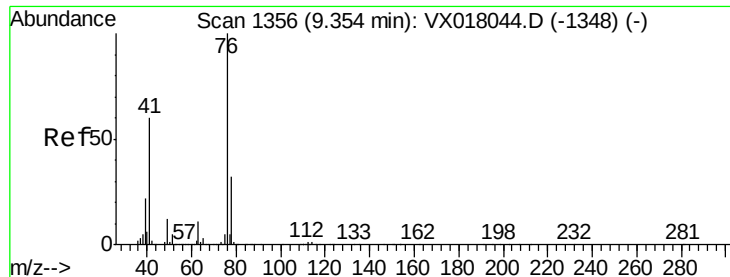
Tot Ion:	97	Resp:	263578
Ion	Ratio	Lower	Upper
97	100		
83	88.3	67.8	101.6
85	55.3	45.3	67.9
99	61.6	50.9	76.3



#56
 Ethyl methacrylate
 Concen: 50.518 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018160.D
 Acq: 31 Aug 2020 20:05

Tgt Ion:	69	Resp:	392895
Ion	Ratio	Lower	Upper
69	100		
41	68.4	54.6	81.8
39	38.2	29.1	43.7





#57

1,3-Dichloropropane

Concen: 50.023 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

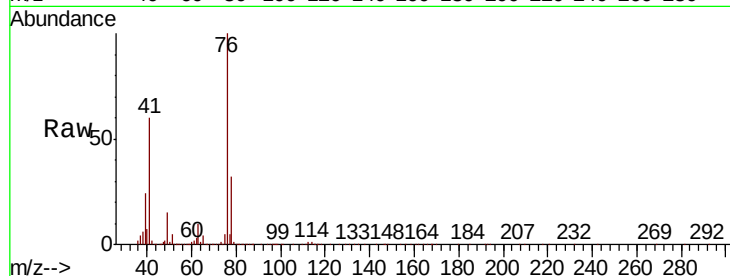
VSTDCCC050EC

Tot Ion: 76 Resp: 431636

Ion Ratio Lower Upper

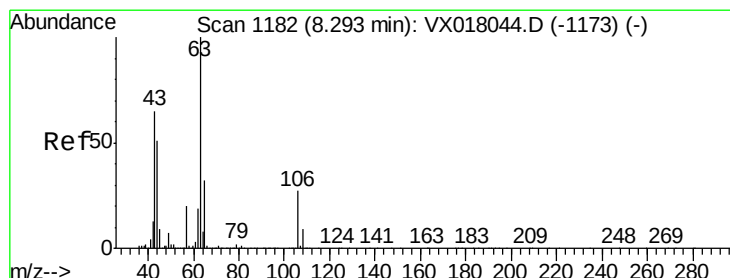
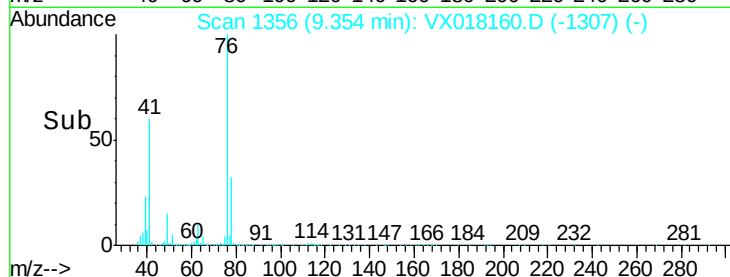
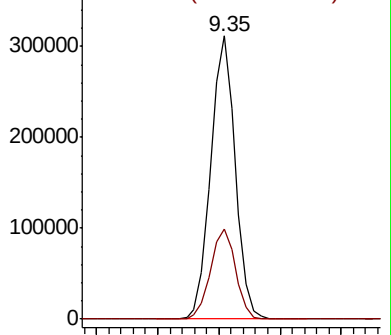
76 100

78 32.6 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 218.706 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018160.D

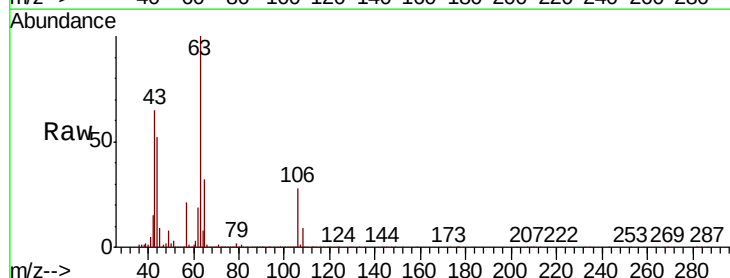
Acq: 31 Aug 2020 20:05

Tgt Ion: 63 Resp: 765162

Ion Ratio Lower Upper

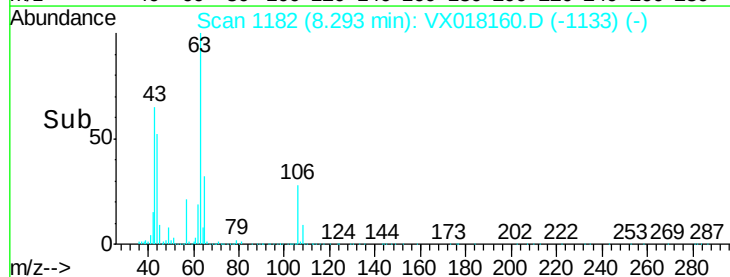
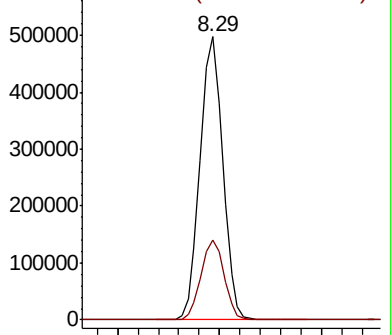
63 100

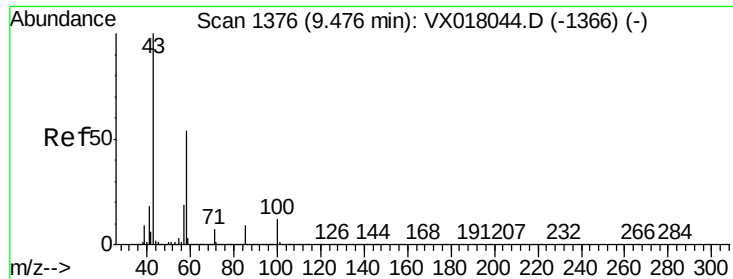
106 28.6 22.1 33.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

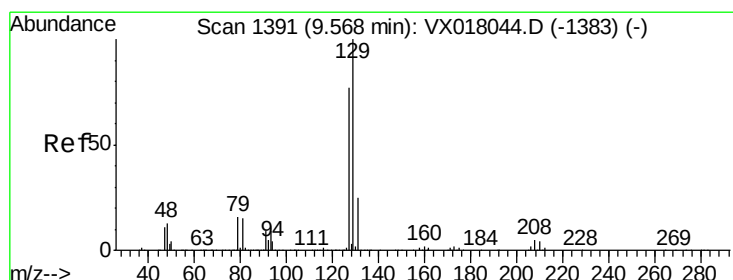
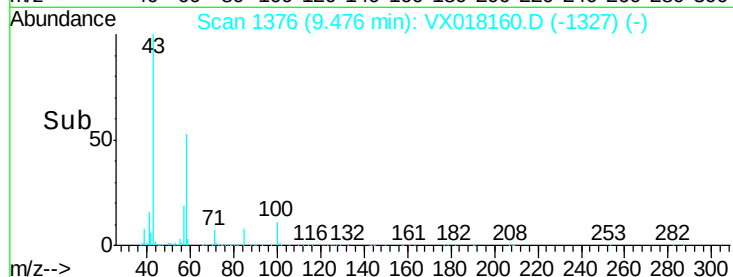
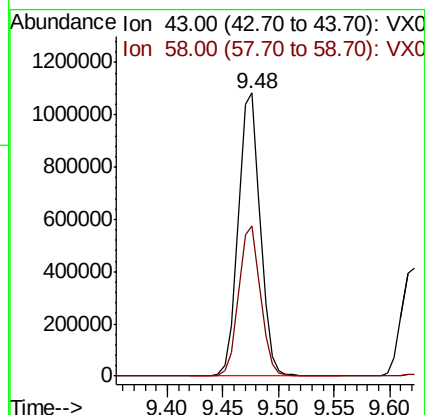
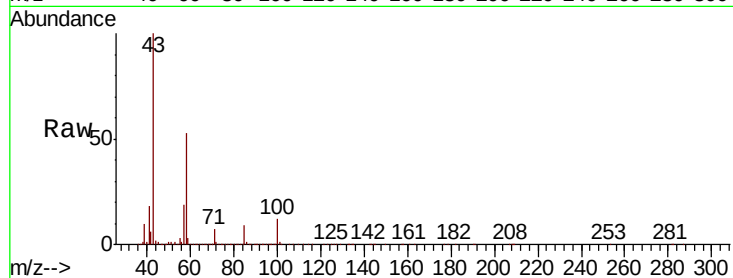




#59
2-Hexanone
Concen: 253.642 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

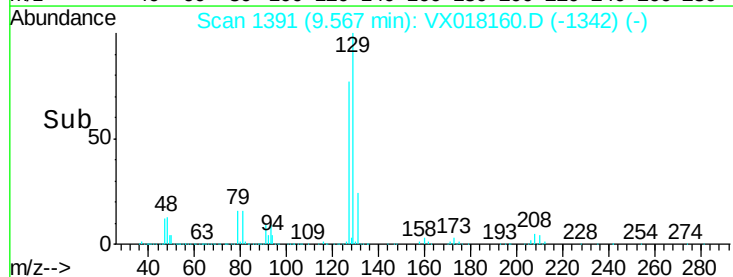
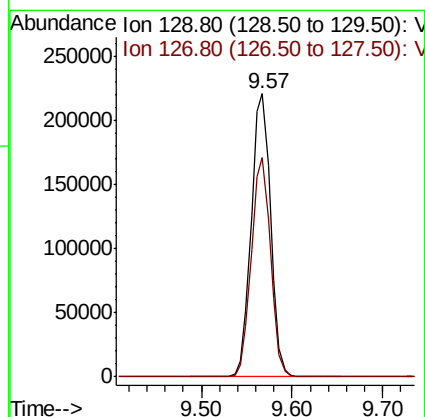
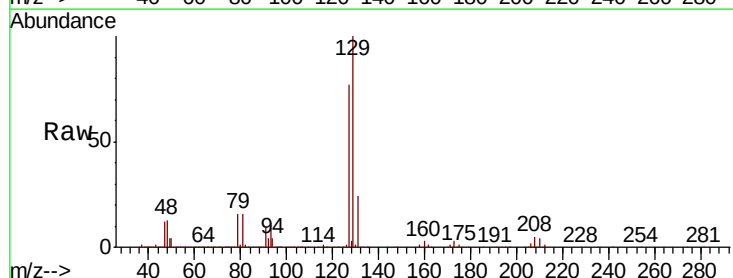
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

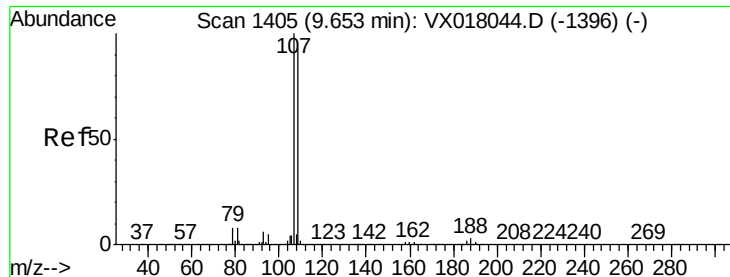
Tot Ion: 43 Resp: 1471342
Ion Ratio Lower Upper
43 100
58 52.9 26.6 79.7



#60
Dibromochloromethane
Concen: 53.292 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Tgt Ion: 129 Resp: 327057
Ion Ratio Lower Upper
129 100
127 76.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 50.277 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

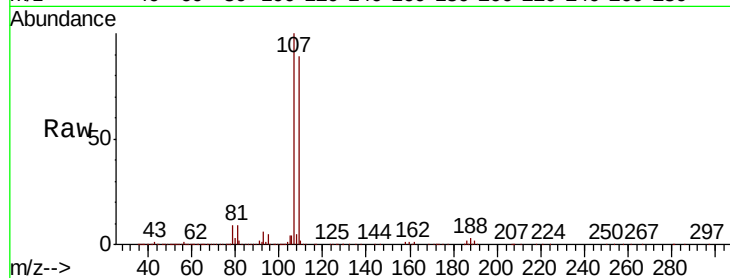
VSTDCCC050EC

Tot Ion:107 Resp: 285561

Ion Ratio Lower Upper

107 100

109 94.4 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

250000

200000

150000

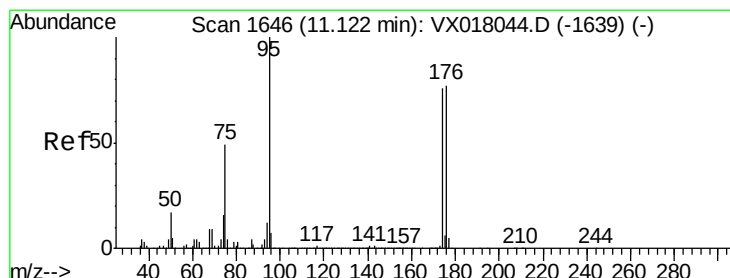
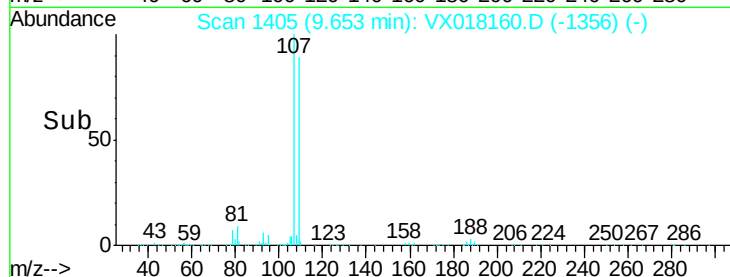
100000

50000

0

9.55 9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 50.794 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

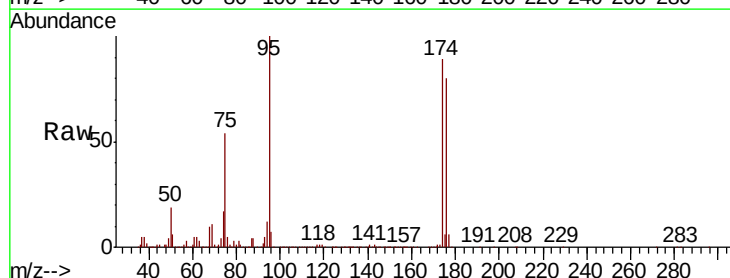
Tgt Ion: 95 Resp: 361831

Ion Ratio Lower Upper

95 100

174 81.8 0.0 160.2

176 76.9 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

400000

300000

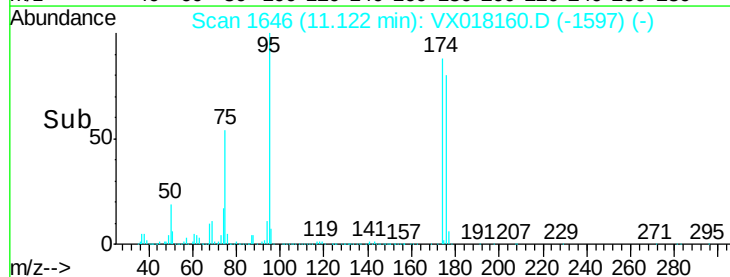
200000

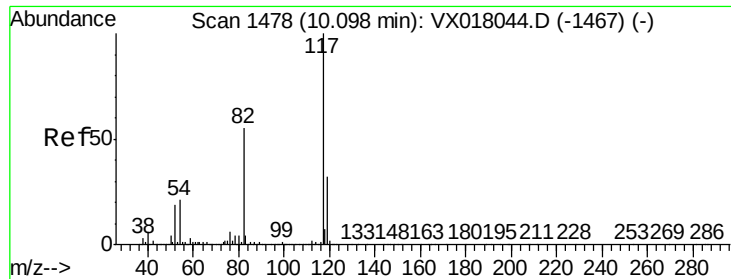
100000

0

11.05 11.10 11.15 11.20

Time-->

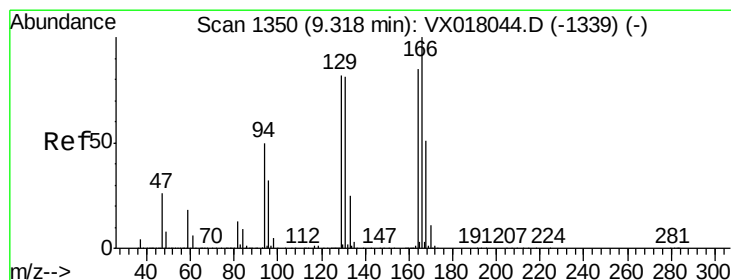
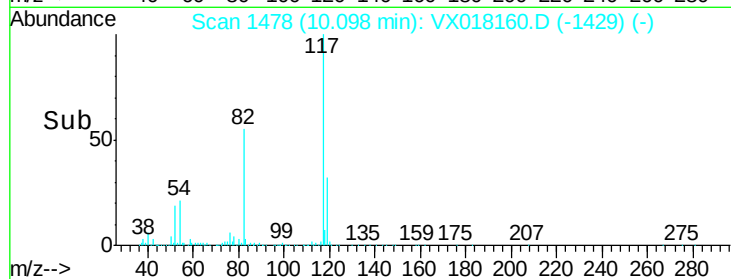
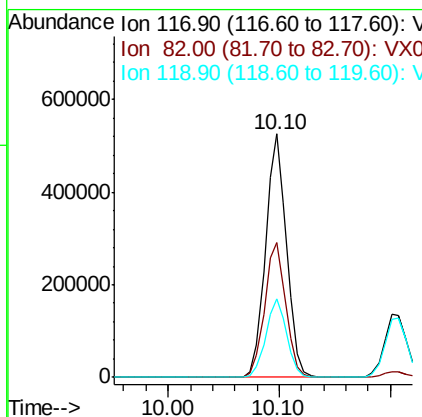
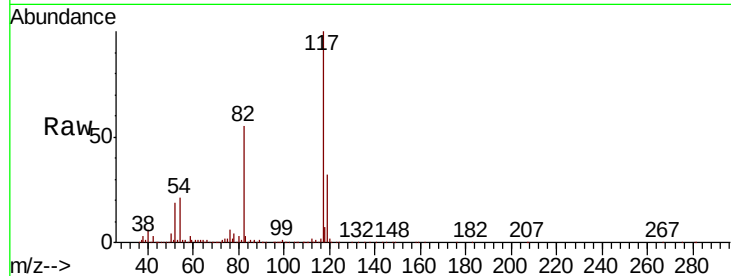




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

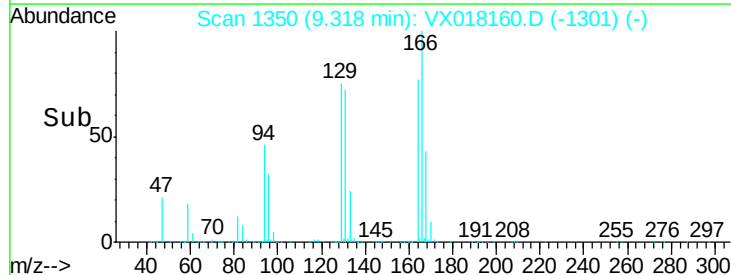
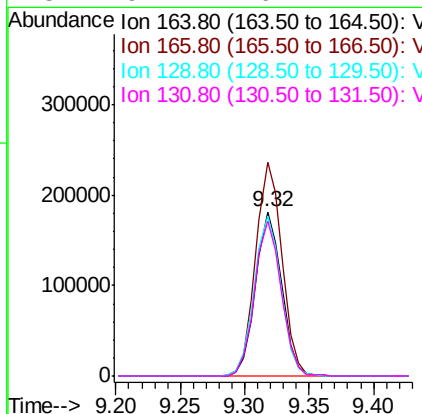
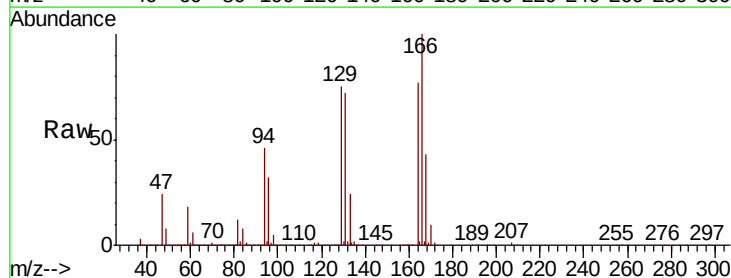
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

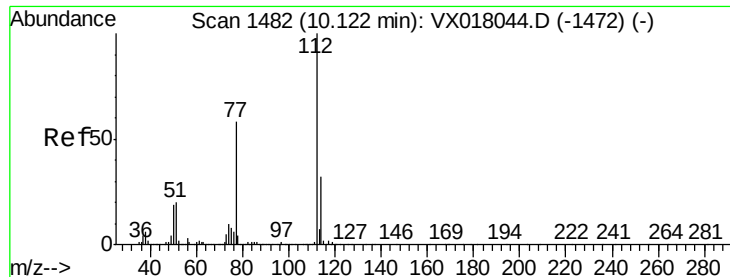
Tot Ion:117 Resp: 691752
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.2
119 32.2 25.7 38.5



#64
Tetrachloroethene
Concen: 49.630 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Tgt Ion:164 Resp: 252289
Ion Ratio Lower Upper
164 100
166 130.1 94.2 141.2
129 97.3 76.9 115.3
131 94.2 76.1 114.1

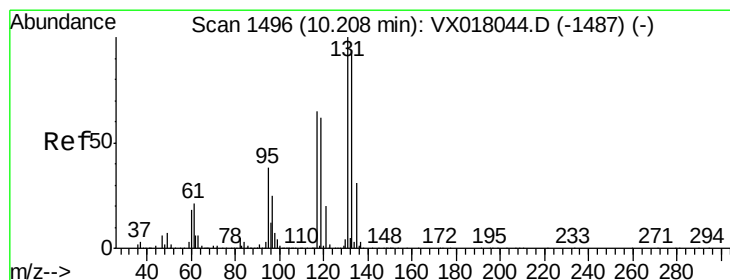
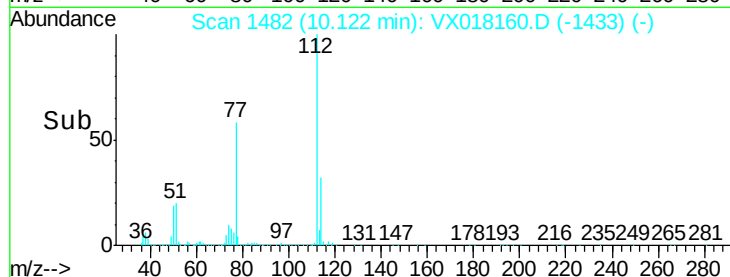
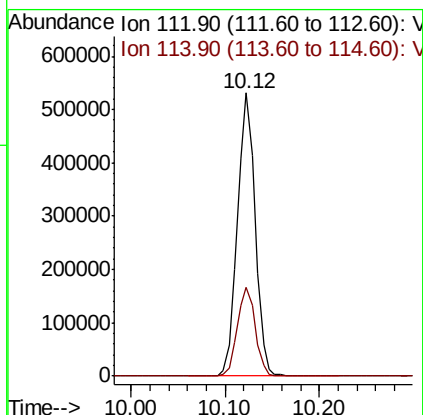
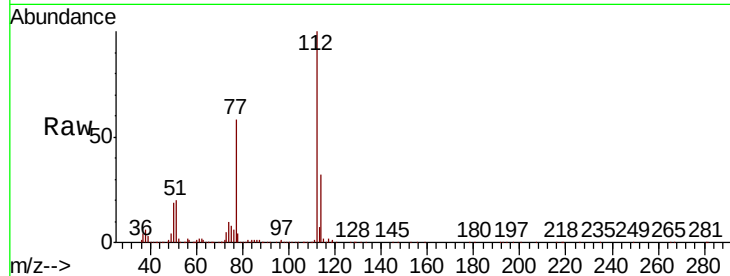




#65
Chlorobenzene
Concen: 50.383 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

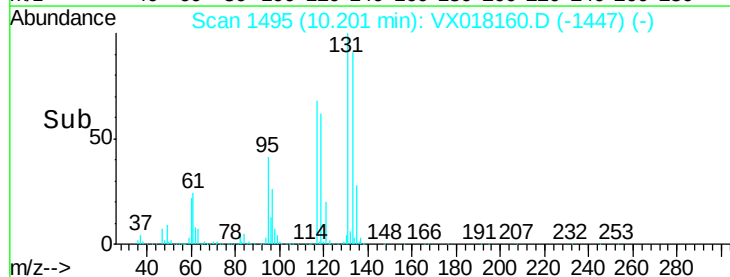
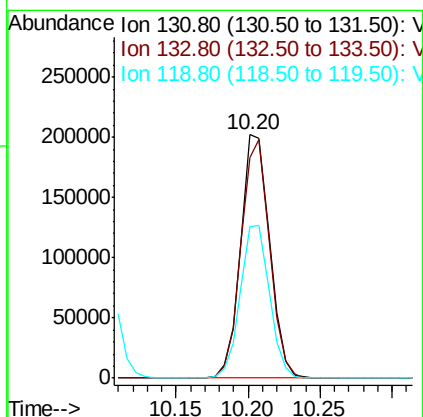
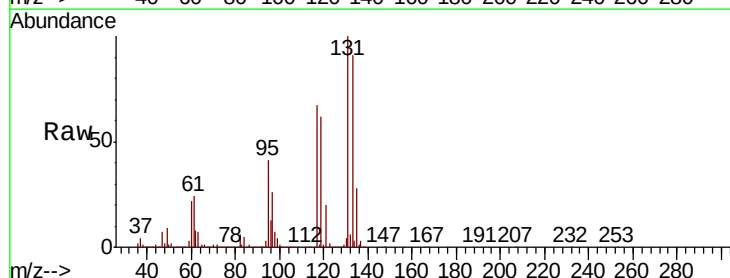
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

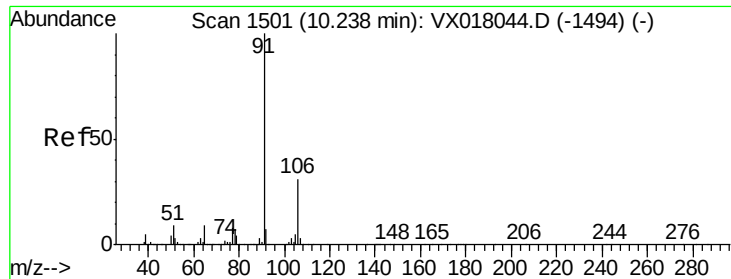
Tot Ion:112 Resp: 696075
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 51.752 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Tgt Ion:131 Resp: 281806
Ion Ratio Lower Upper
131 100
133 96.2 46.7 140.1
119 63.4 31.8 95.4





#67

Ethyl Benzene

Concen: 51.829 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

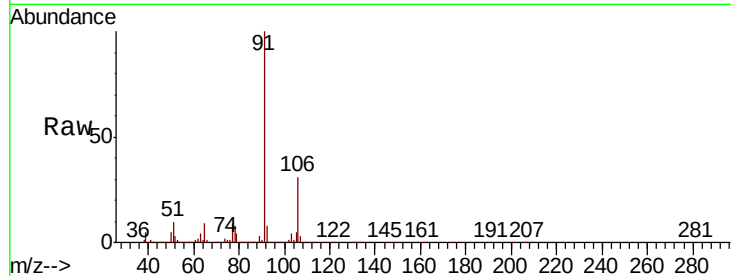
VSTDCCC050EC

Tot Ion: 91 Resp: 1217730

Ion Ratio Lower Upper

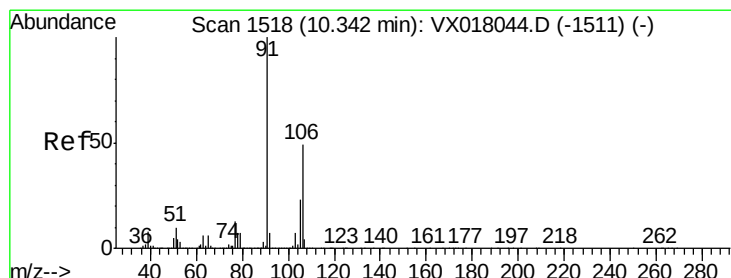
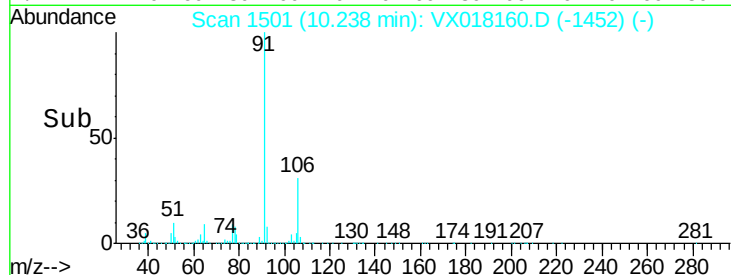
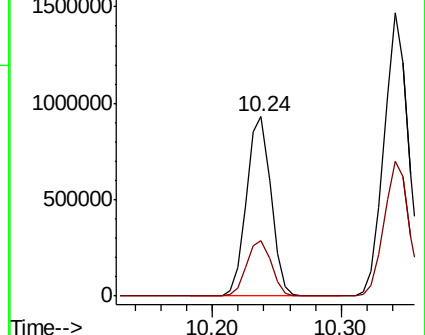
91 100

106 30.7 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VX018044.D (-1494) (-)

Ion 106.00 (105.70 to 106.70): VX018044.D (-1494) (-)



#68

m/p-Xylenes

Concen: 106.431 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018160.D

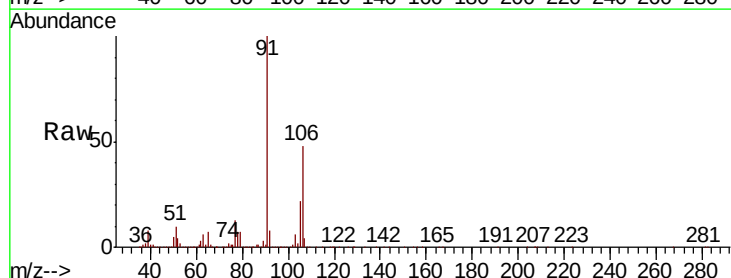
Acq: 31 Aug 2020 20:05

Tgt Ion: 106 Resp: 933342

Ion Ratio Lower Upper

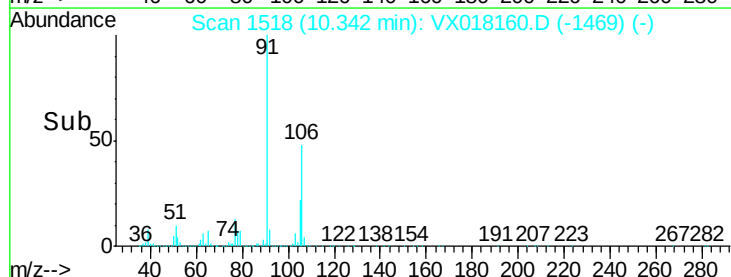
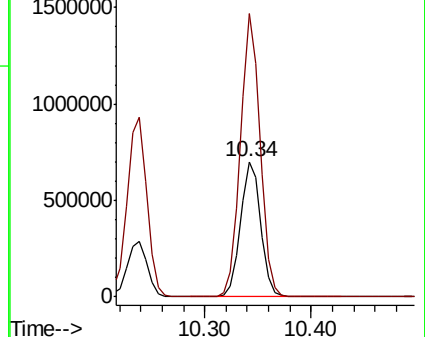
106 100

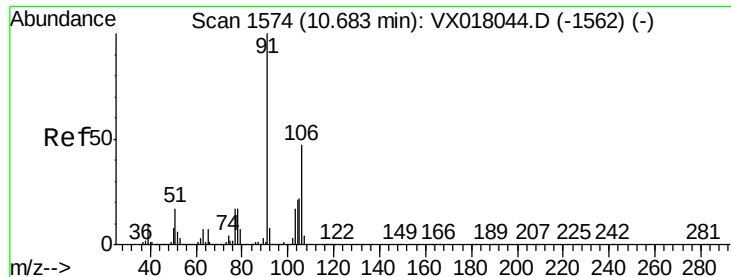
91 204.9 162.2 243.2



Abundance Ion 106.00 (105.70 to 106.70): VX018044.D (-1511) (-)

Ion 91.00 (90.70 to 91.70): VX018044.D (-1511) (-)

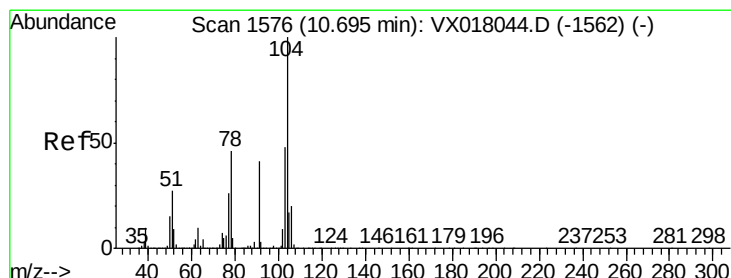
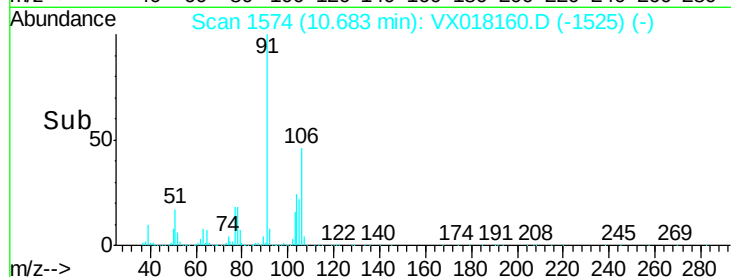
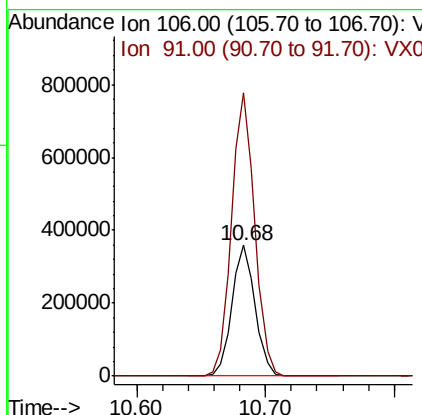
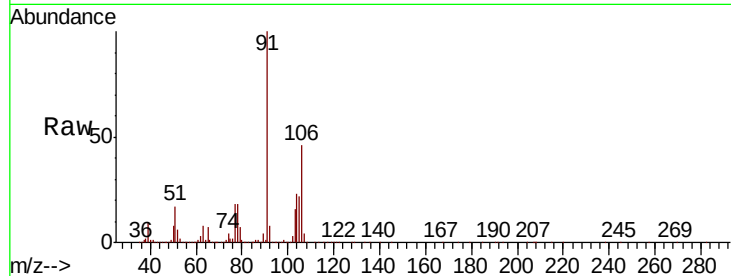




#69
o-Xylene
Concen: 52.824 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

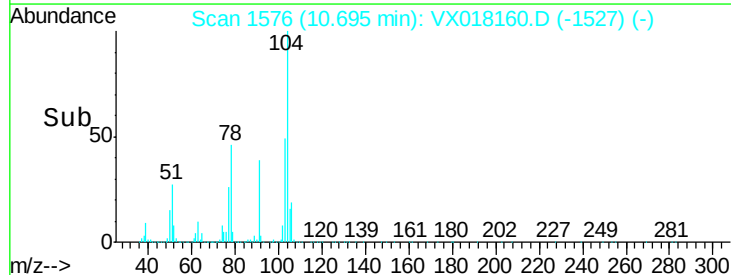
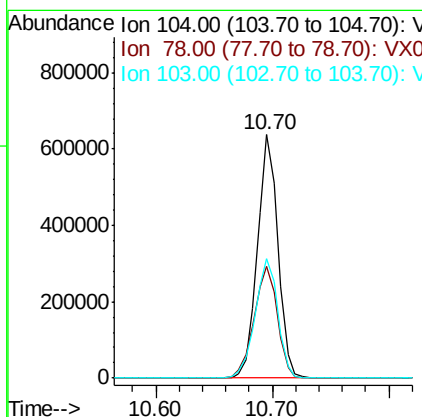
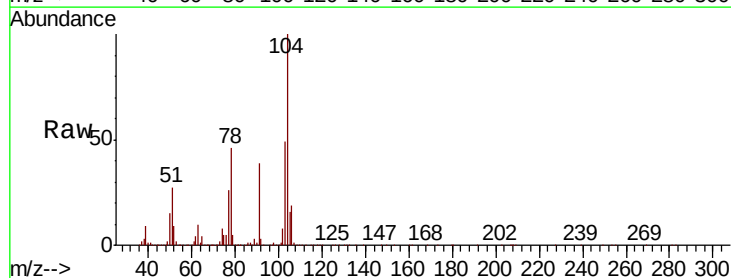
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

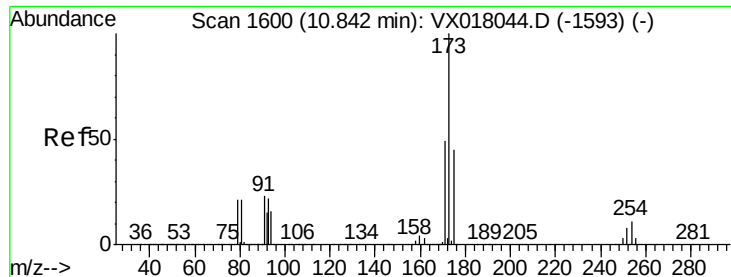
Tot Ion:106 Resp: 449065
Ion Ratio Lower Upper
106 100
91 217.5 107.1 321.3



#70
Styrene
Concen: 54.331 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Tgt Ion:104 Resp: 786553
Ion Ratio Lower Upper
104 100
78 52.1 40.9 61.3
103 54.4 43.6 65.4





#71

Bromoform

Concen: 54.440 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

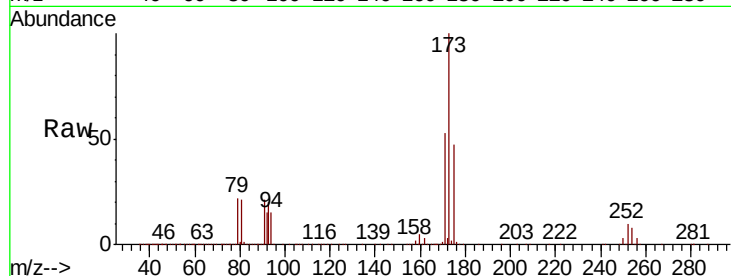
Tot Ion:173 Resp: 252850

Ion Ratio Lower Upper

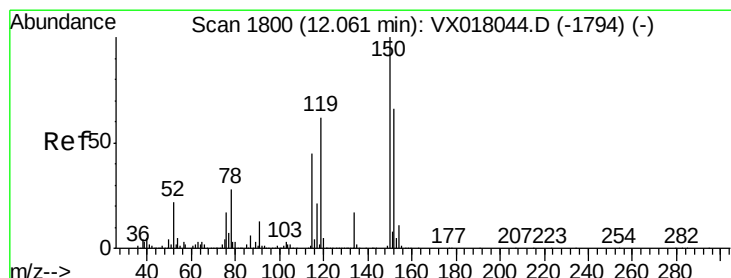
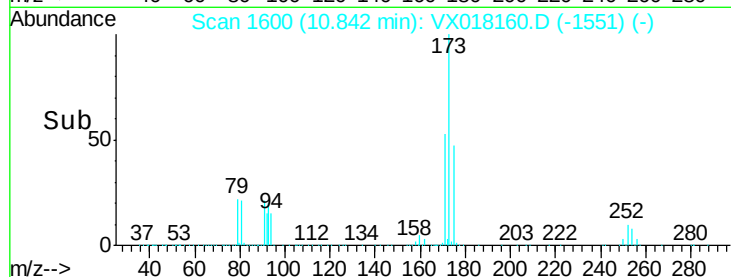
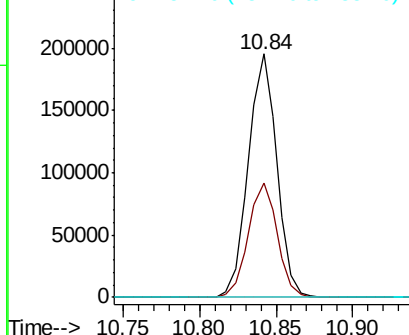
173 100

175 47.9 23.9 71.8

254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

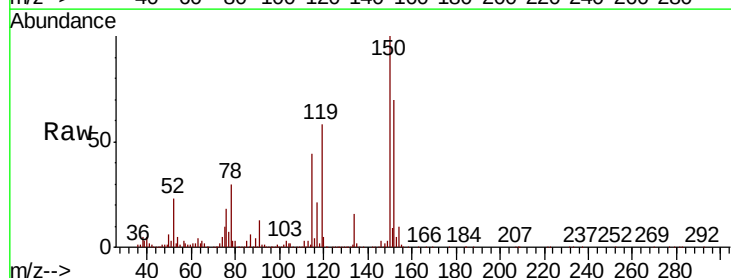
Tgt Ion:152 Resp: 378306

Ion Ratio Lower Upper

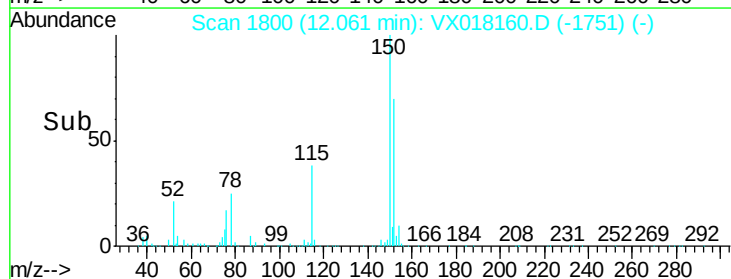
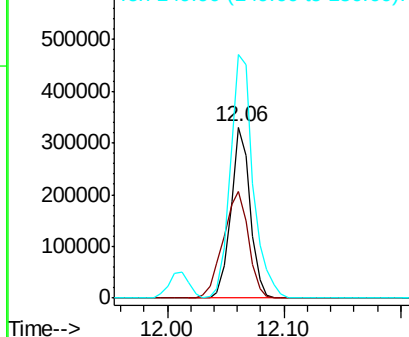
152 100

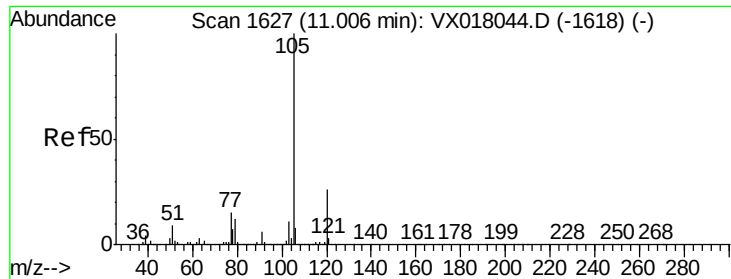
115 81.1 41.5 124.5

150 169.3 0.0 343.8



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





#73

Isopropylbenzene

Concen: 49.992 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

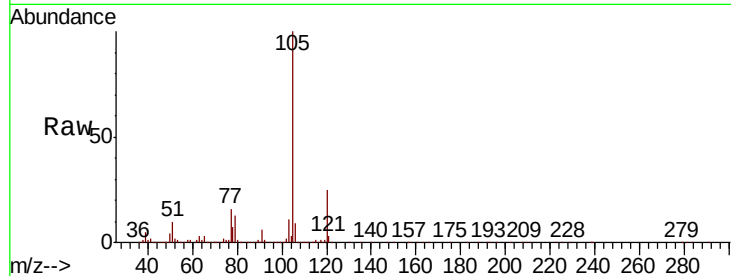
VSTDCCC050EC

Tot Ion:105 Resp: 1247482

Ion Ratio Lower Upper

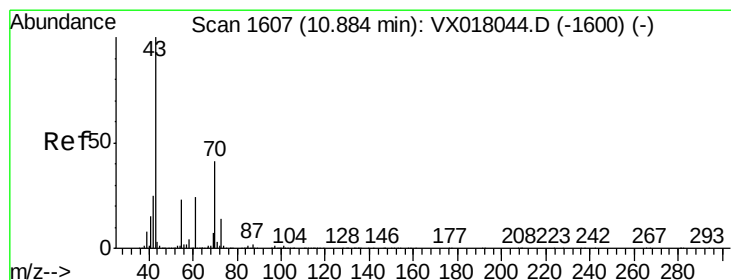
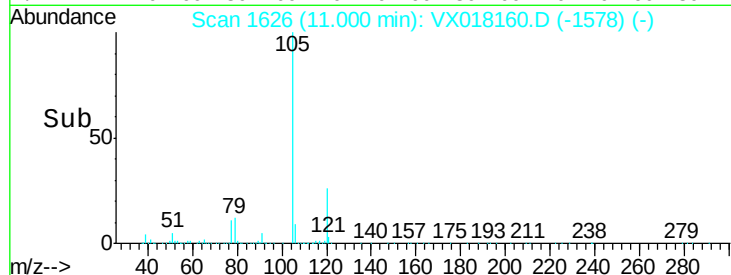
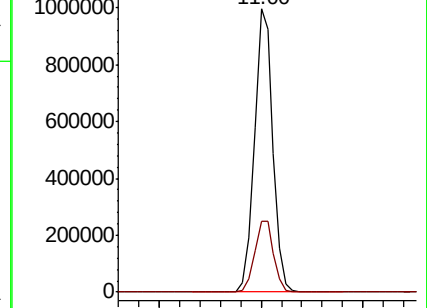
105 100

120 26.3 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.864 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Tgt Ion: 43 Resp: 554853

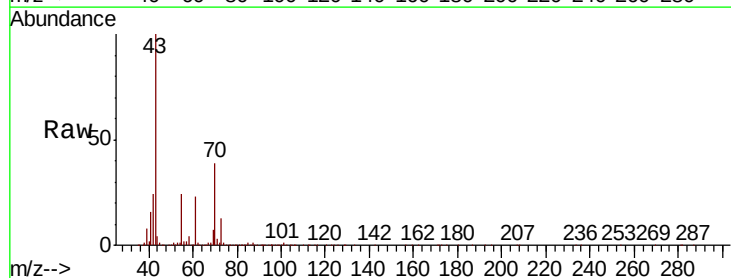
Ion Ratio Lower Upper

43 100

70 41.2 32.3 48.5

55 24.0 18.2 27.2

61 23.5 18.9 28.3

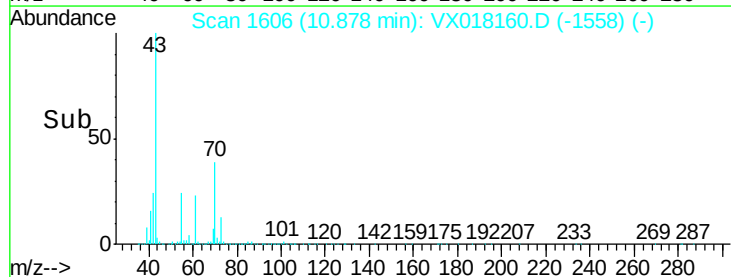
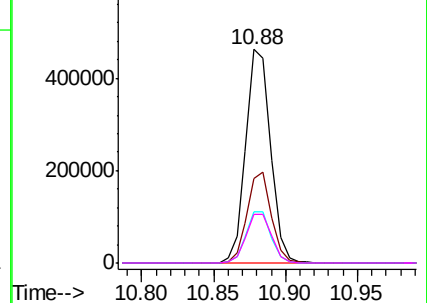


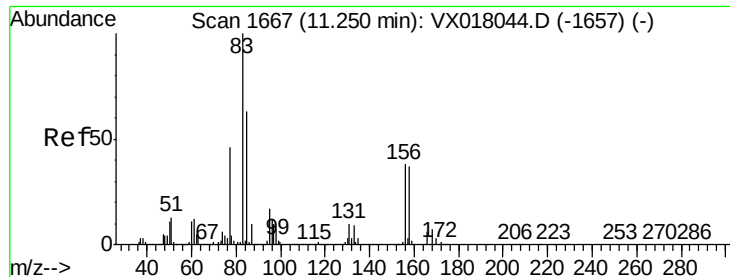
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.246 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

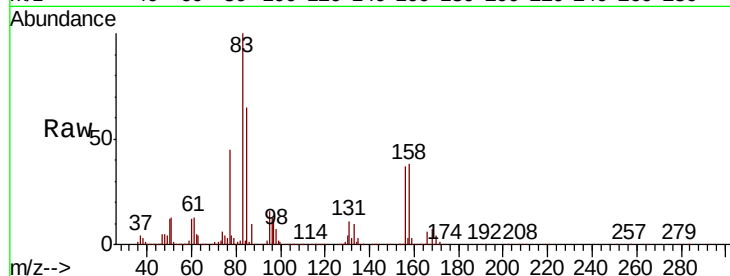
Tot Ion: 83 Resp: 398287

Ion Ratio Lower Upper

83 100

131 11.2 5.1 15.4

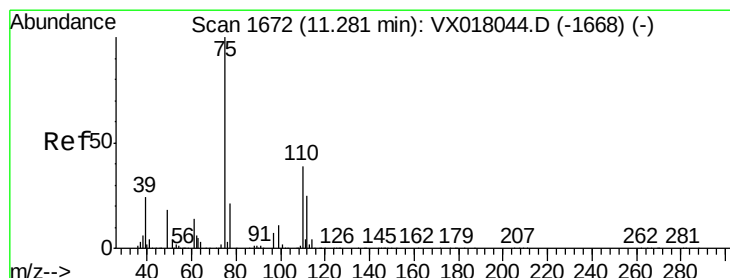
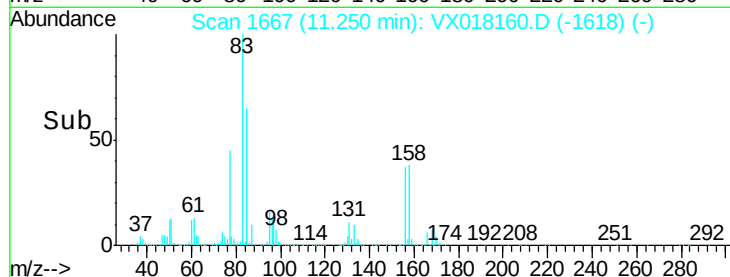
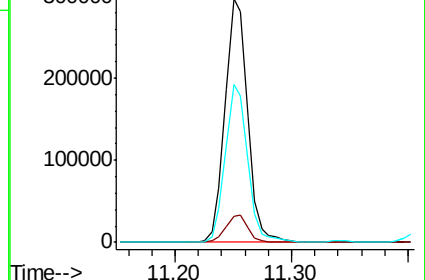
85 64.3 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 58.836 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018160.D

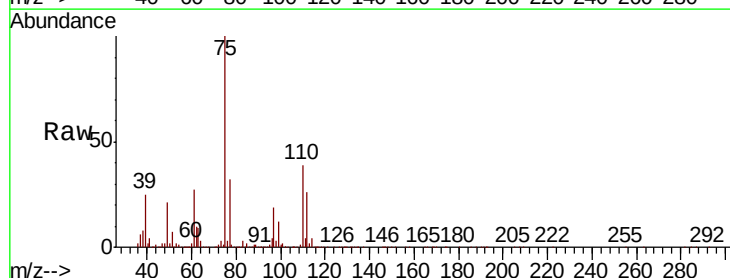
Acq: 31 Aug 2020 20:05

Tgt Ion: 75 Resp: 495135

Ion Ratio Lower Upper

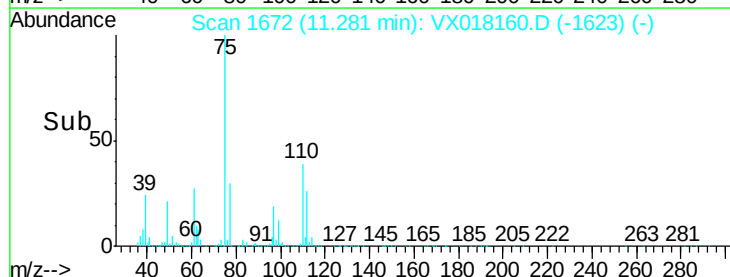
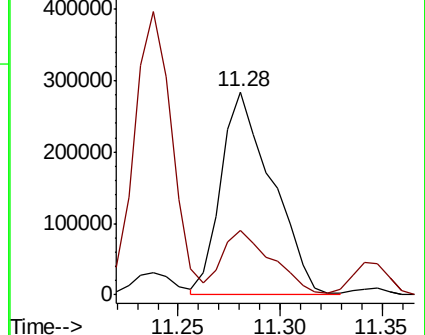
75 100

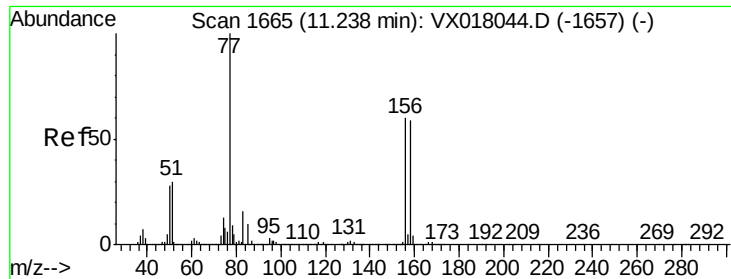
77 31.3 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.893 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

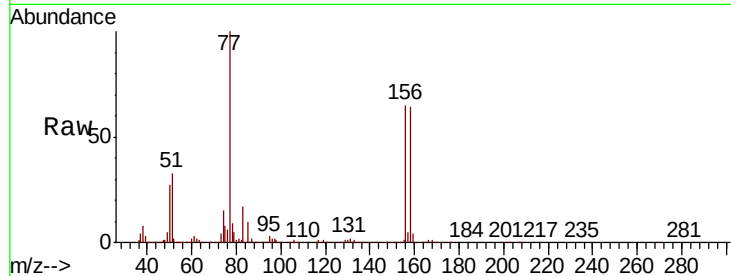
Tot Ion:156 Resp: 323452

Ion Ratio Lower Upper

156 100

77 157.3 80.0 240.2

158 99.2 49.5 148.7

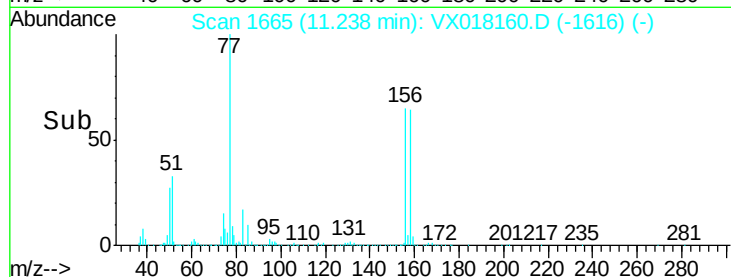


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

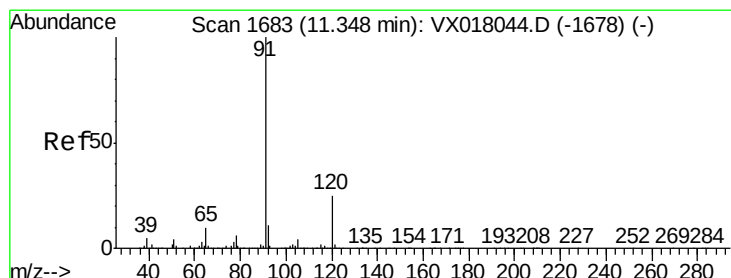
Ion 157.80 (157.50 to 158.50): V

Time-->



11.24

Time-->



#78

n-propylbenzene

Concen: 49.775 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX018160.D

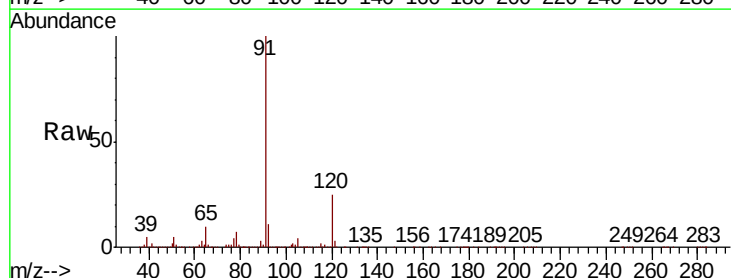
Acq: 31 Aug 2020 20:05

Tgt Ion: 91 Resp: 1410306

Ion Ratio Lower Upper

91 100

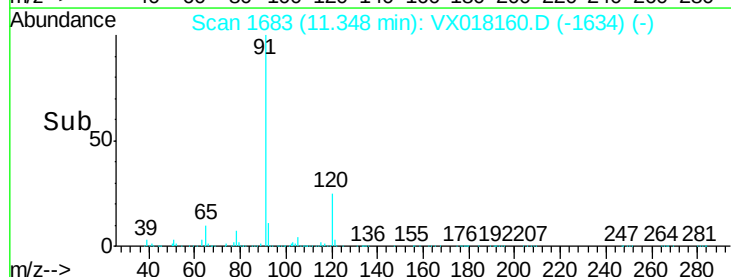
120 23.4 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

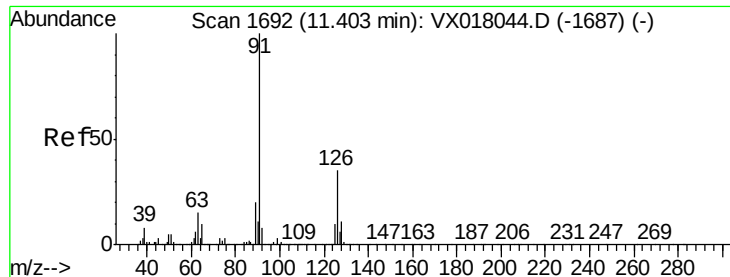
Ion 120.00 (119.70 to 120.70): V

Time-->



11.35

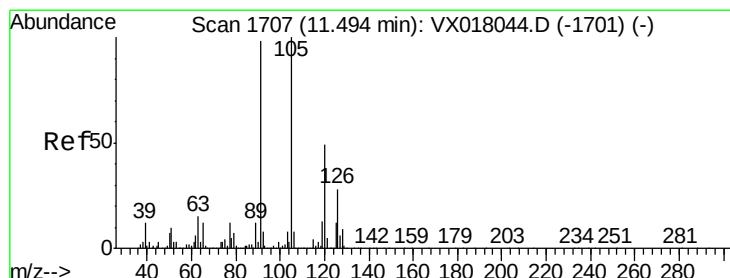
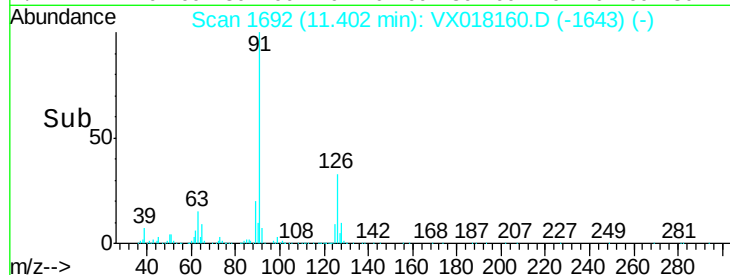
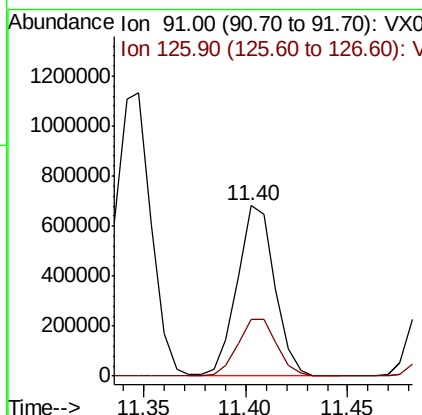
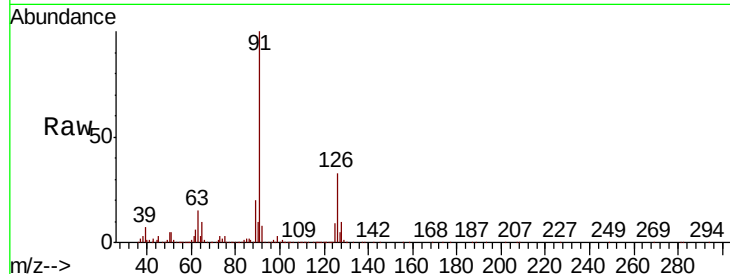
Time-->



#79
2-Chlorotoluene
Concen: 49.435 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

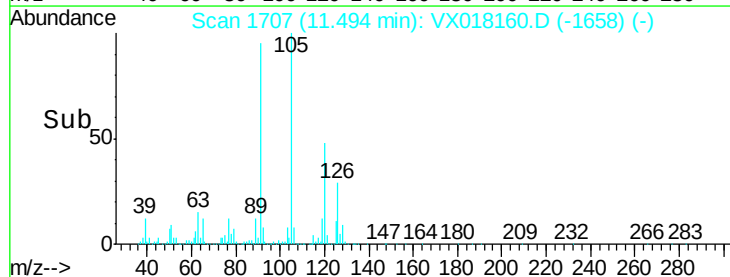
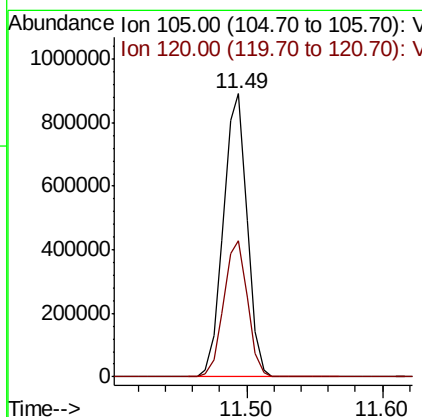
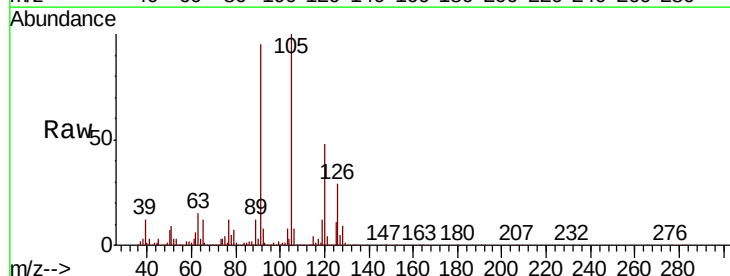
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

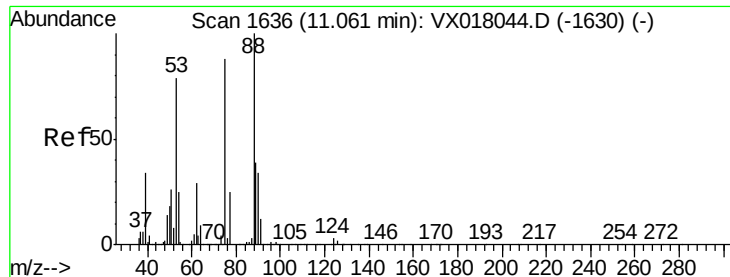
Tot Ion: 91 Resp: 865357
Ion Ratio Lower Upper
91 100
126 34.7 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 52.457 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Tgt Ion:105 Resp: 1075663
Ion Ratio Lower Upper
105 100
120 48.4 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 45.647 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

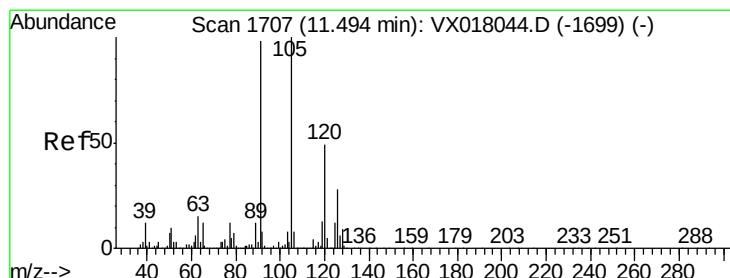
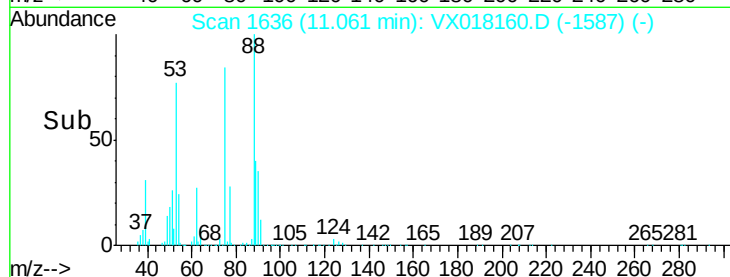
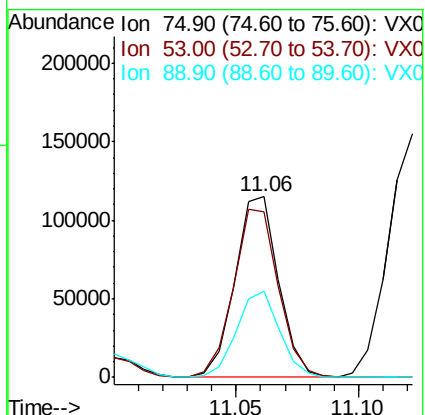
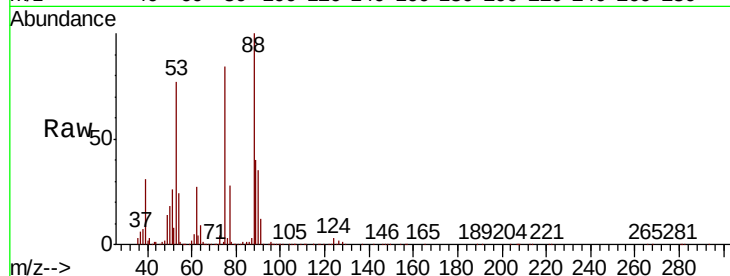
Tot Ion: 75 Resp: 142231

Ion Ratio Lower Upper

75 100

53 95.4 74.7 112.1

89 46.7 36.6 54.8



#82

4-Chlorotoluene

Concen: 49.645 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018160.D

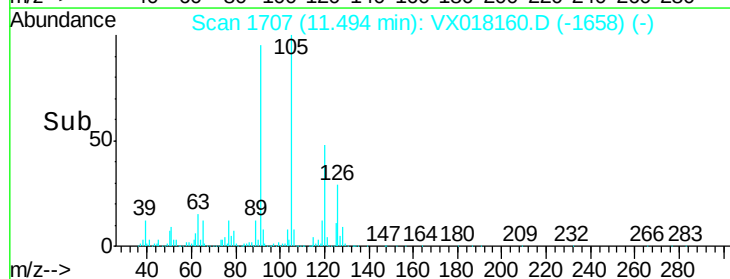
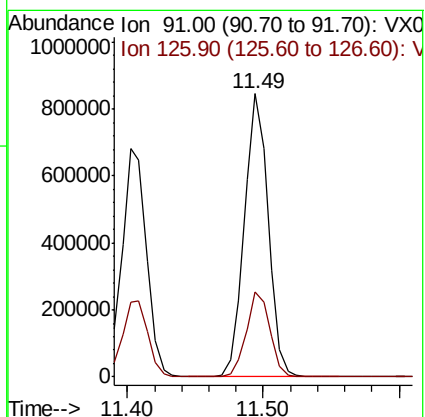
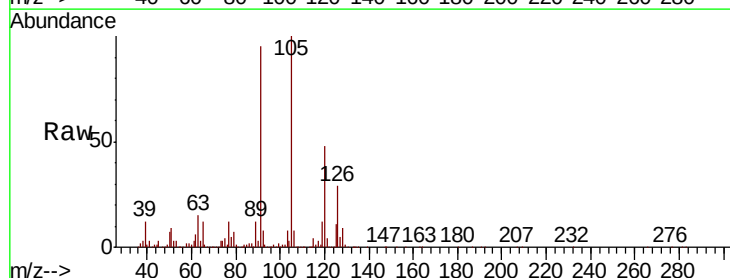
Acq: 31 Aug 2020 20:05

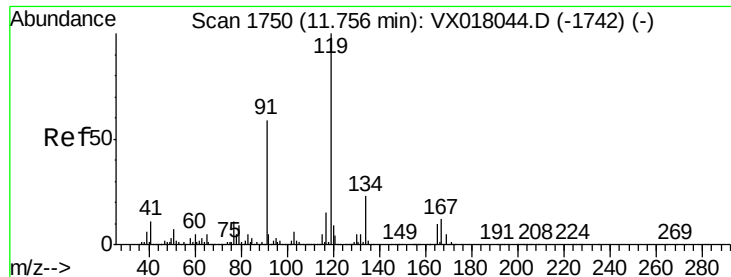
Tgt Ion: 91 Resp: 1033110

Ion Ratio Lower Upper

91 100

126 29.9 15.1 45.3



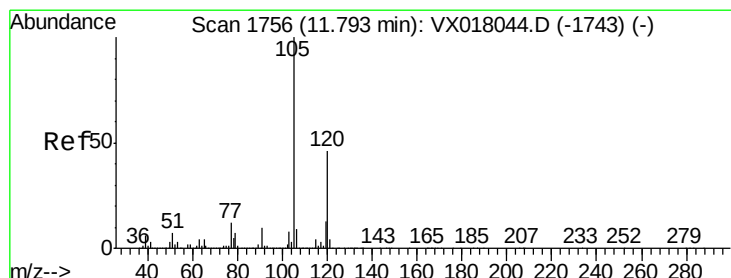
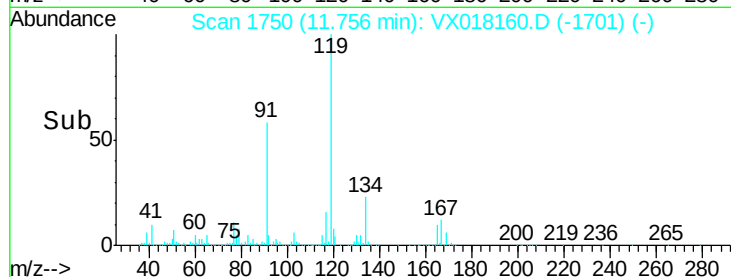
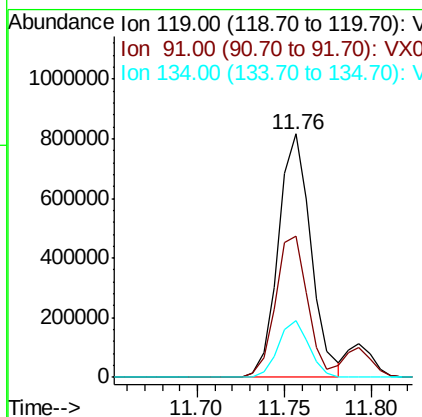
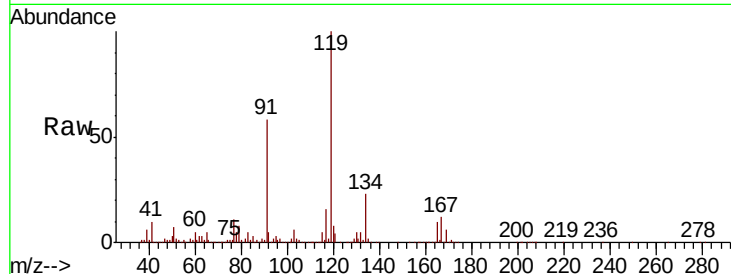


#83
 tert-Butylbenzene
 Concen: 52.389 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX018160.D
 Acq: 31 Aug 2020 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:119 Resp: 1060157

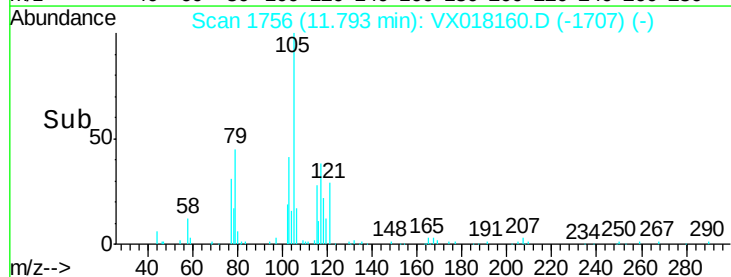
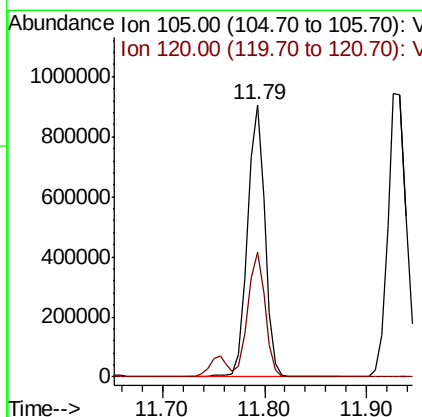
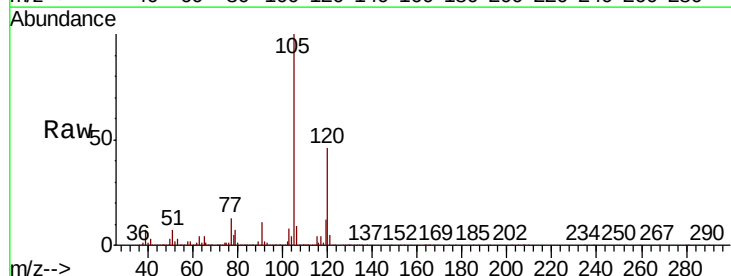
Ion	Ratio	Lower	Upper
119	100		
91	56.9	28.2	84.7
134	21.9	11.3	33.8

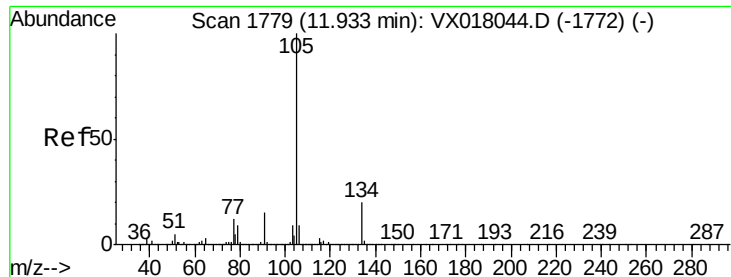


#84
 1,2,4-Trimethylbenzene
 Concen: 51.168 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018160.D
 Acq: 31 Aug 2020 20:05

Tgt Ion:105 Resp: 1072720

Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.3	66.9





#85

sec-Butylbenzene

Concen: 52.465 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

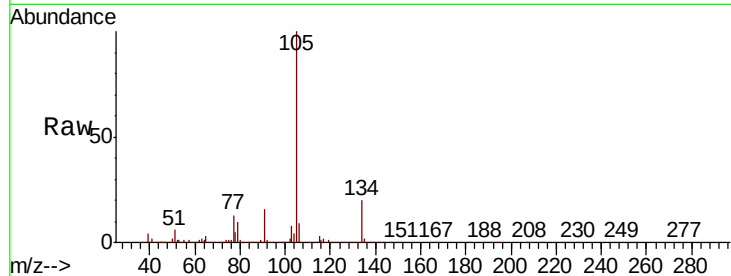
VSTDCCC050EC

Tot Ion:105 Resp: 1207368

Ion Ratio Lower Upper

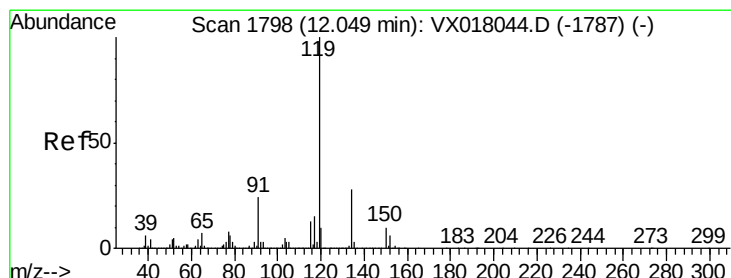
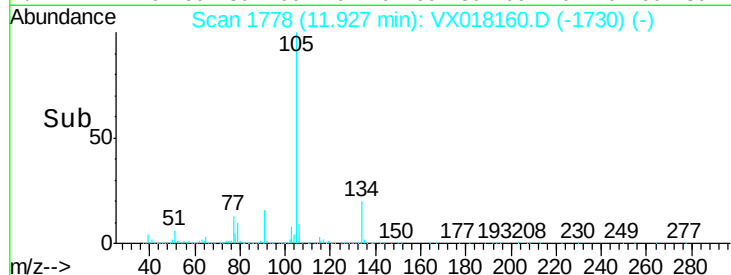
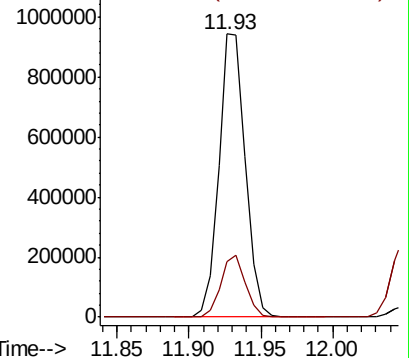
105 100

134 20.6 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.997 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

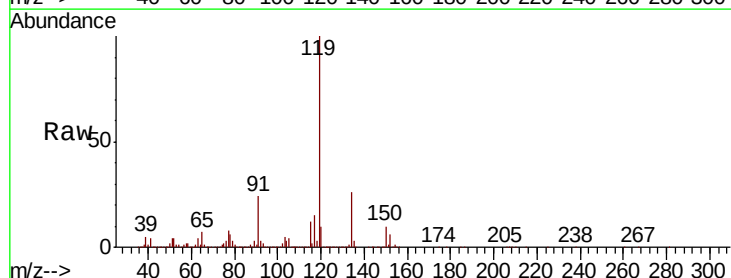
Tgt Ion:119 Resp: 1141420

Ion Ratio Lower Upper

119 100

134 26.0 13.2 39.5

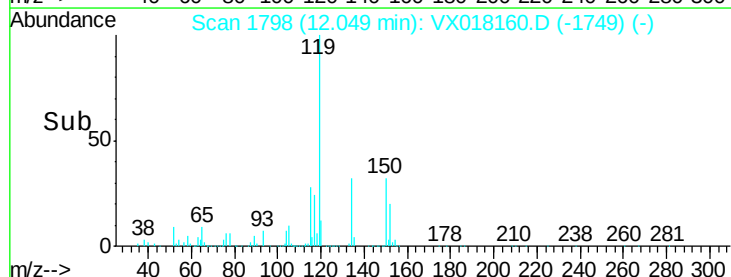
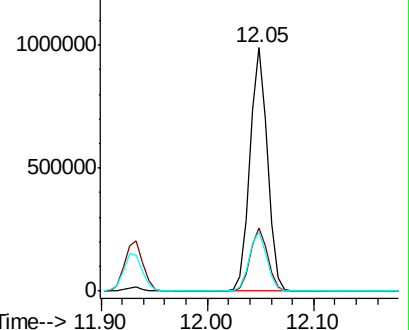
91 24.4 11.8 35.4

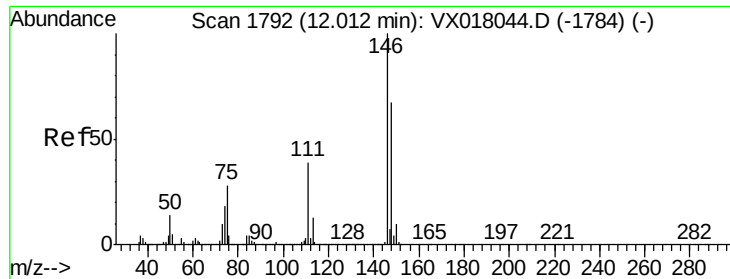


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 47.439 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

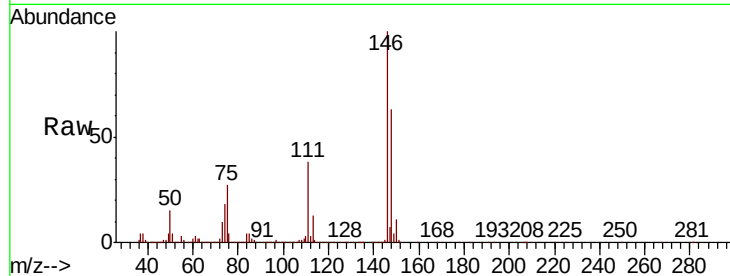
Tot Ion:146 Resp: 574497

Ion Ratio Lower Upper

146 100

111 41.0 20.6 61.8

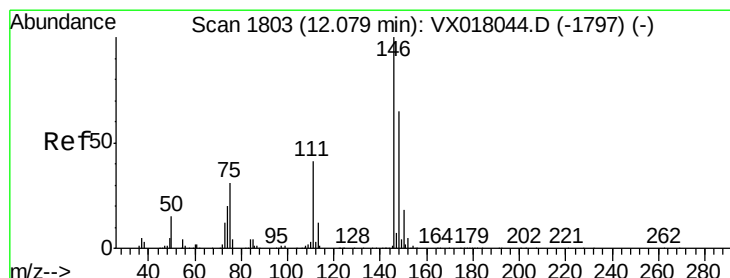
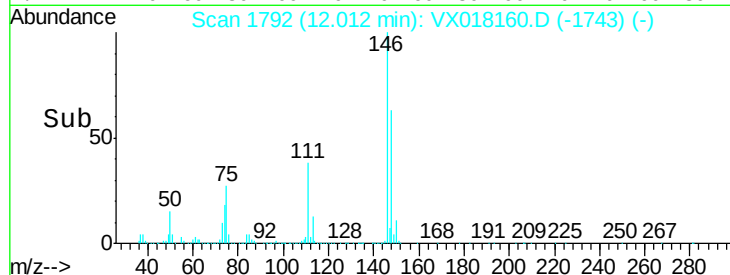
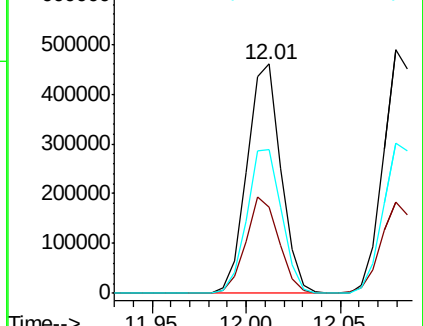
148 64.3 33.1 99.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.217 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX018160.D

Acq: 31 Aug 2020 20:05

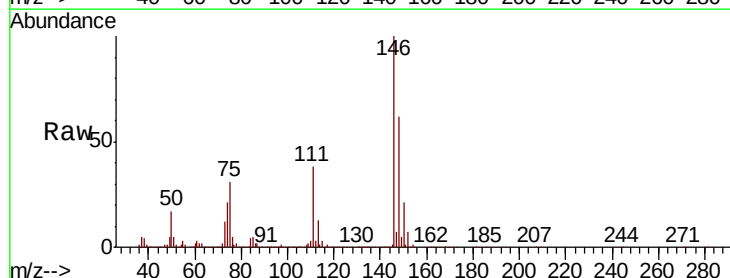
Tgt Ion:146 Resp: 596785

Ion Ratio Lower Upper

146 100

111 38.5 20.3 60.8

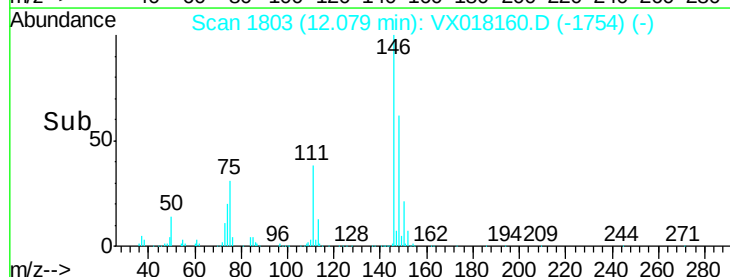
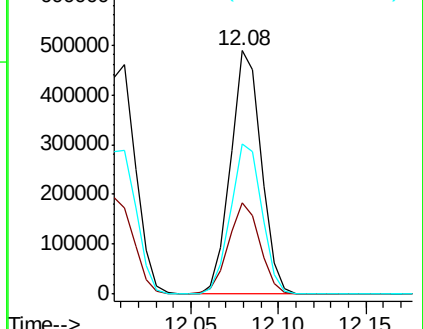
148 63.0 33.1 99.2

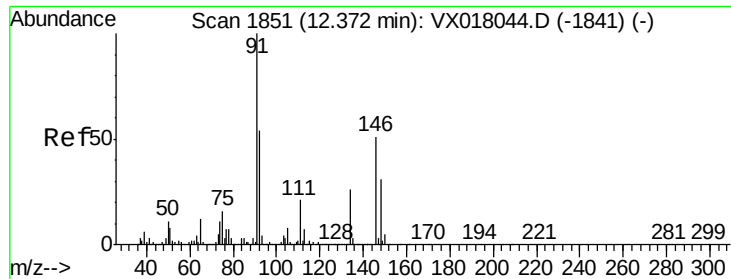


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

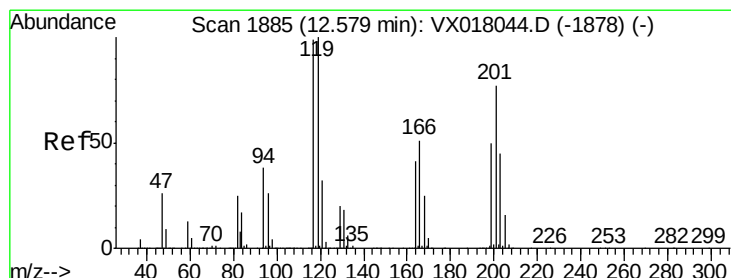
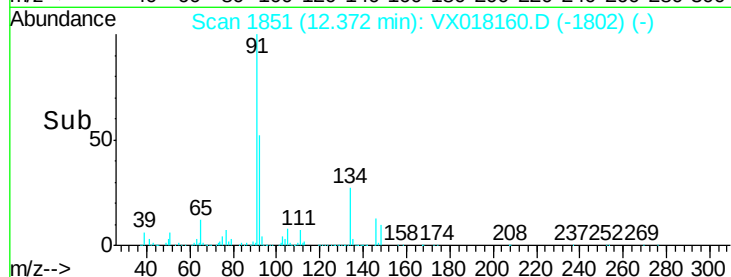
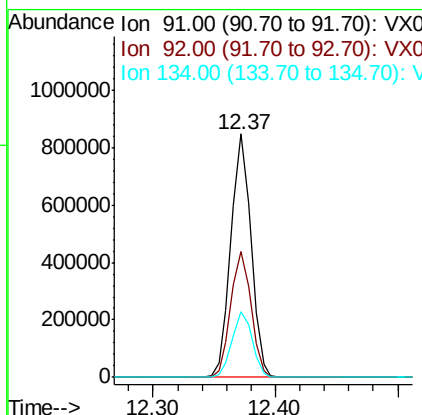
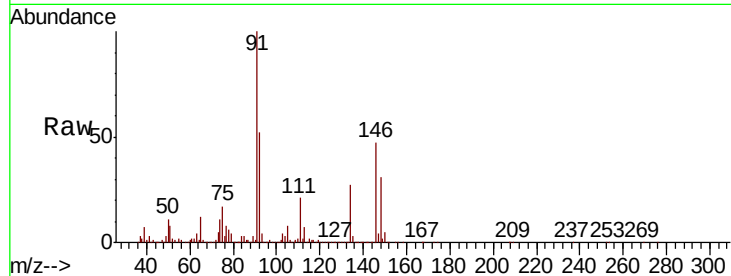




#89
n-Butylbenzene
Concen: 49.749 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

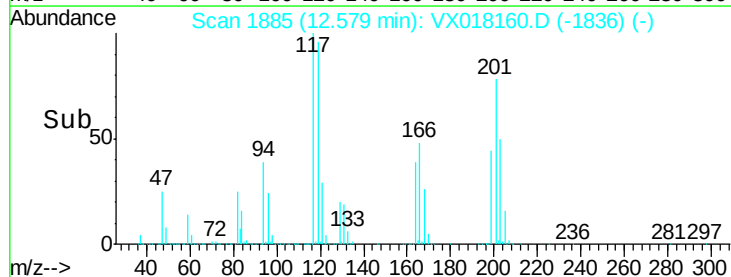
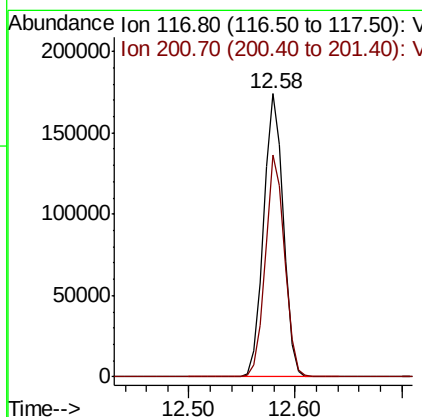
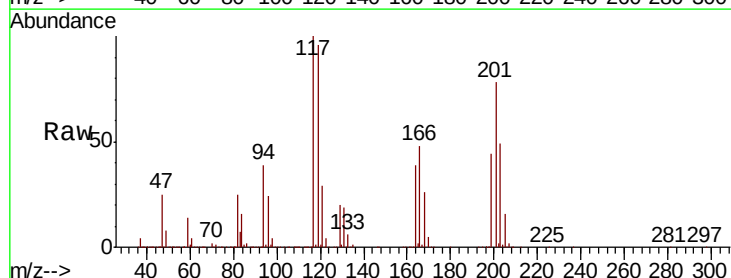
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

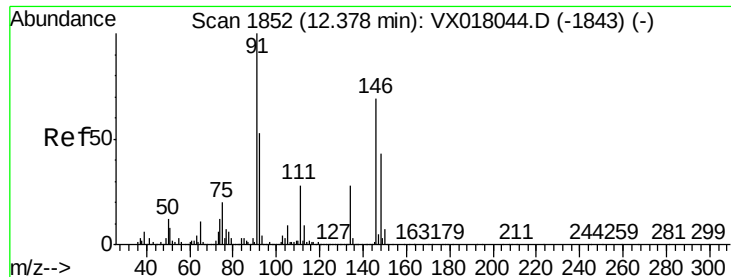
Tot Ion: 91 Resp: 959848
Ion Ratio Lower Upper
91 100
92 52.5 26.4 79.2
134 26.9 12.9 38.7



#90
Hexachloroethane
Concen: 54.343 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Tgt Ion: 117 Resp: 226007
Ion Ratio Lower Upper
117 100
201 76.4 38.5 115.3

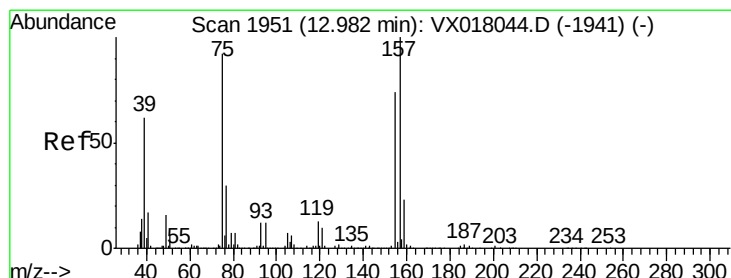
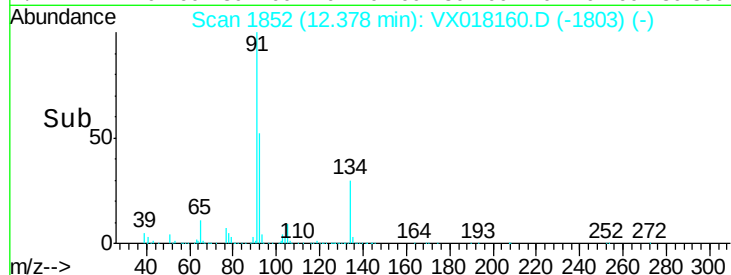
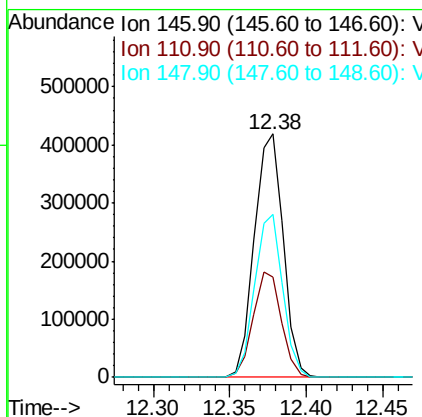
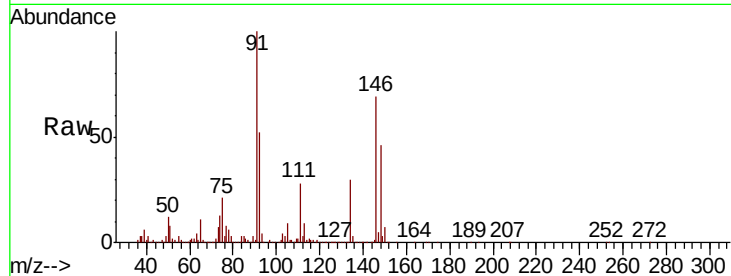




#91
 1,2-Dichlorobenzene
 Concen: 48.493 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018160.D
 Acq: 31 Aug 2020 20:05

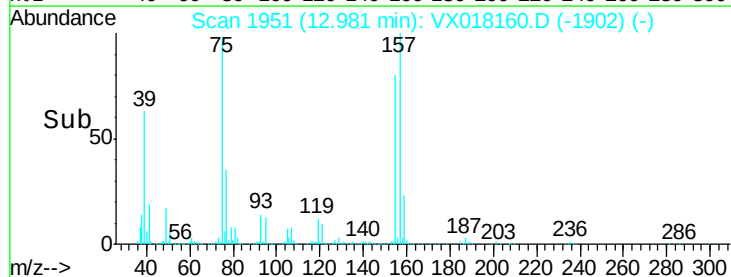
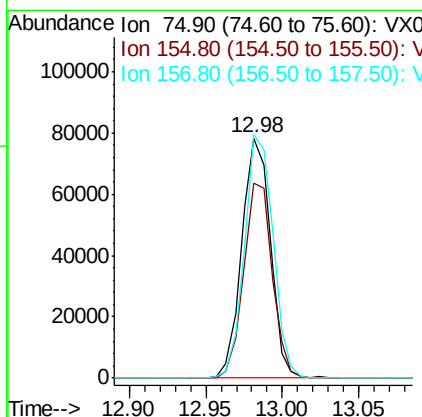
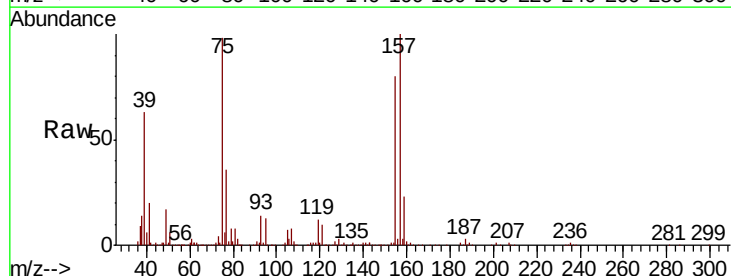
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

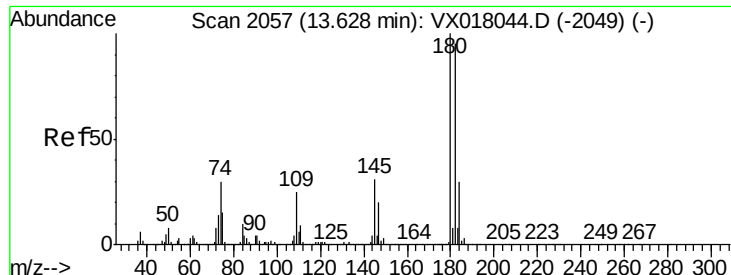
Tot Ion:146 Resp: 552809
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.8 62.5
 148 64.8 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.936 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018160.D
 Acq: 31 Aug 2020 20:05

Tgt Ion: 75 Resp: 101106
 Ion Ratio Lower Upper
 75 100
 155 82.3 40.2 120.6
 157 102.5 55.0 165.2

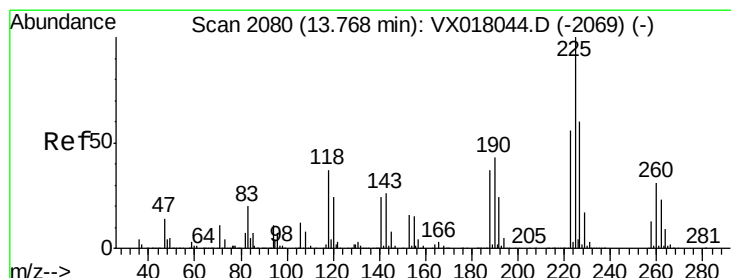
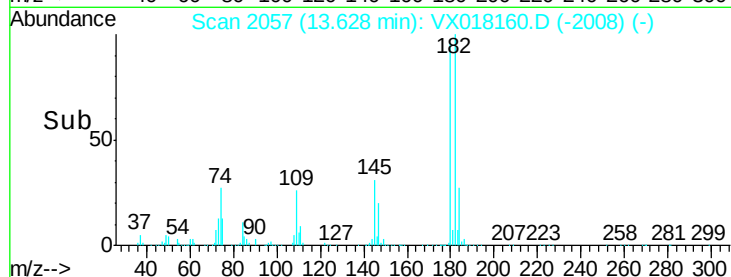
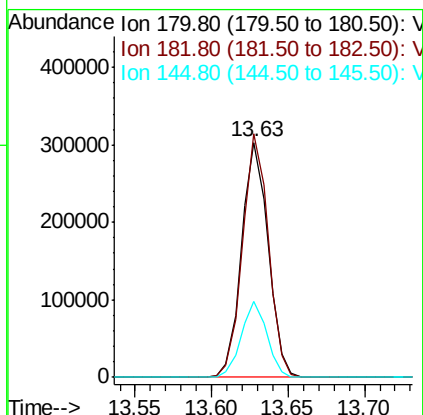
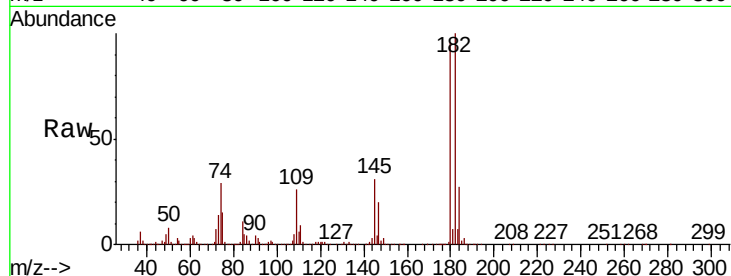




#93
 1,2,4-Trichlorobenzene
 Concen: 48.057 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018160.D
 Acq: 31 Aug 2020 20:05

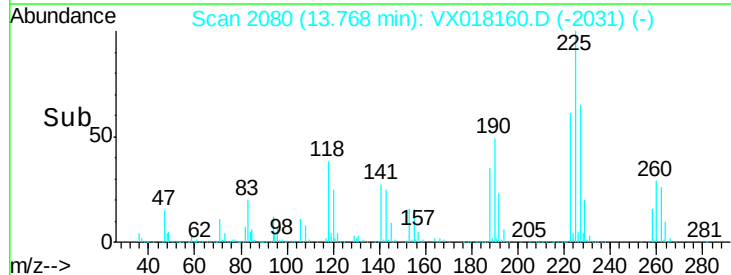
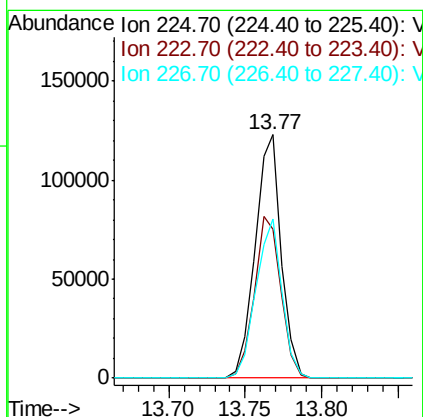
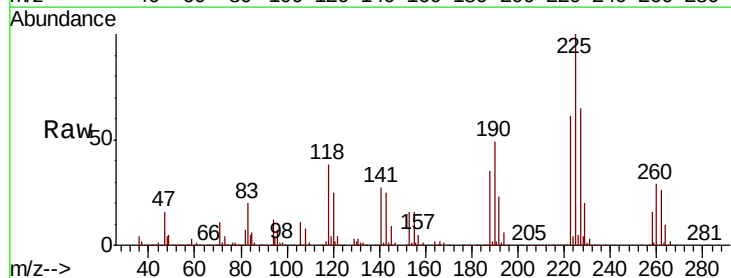
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

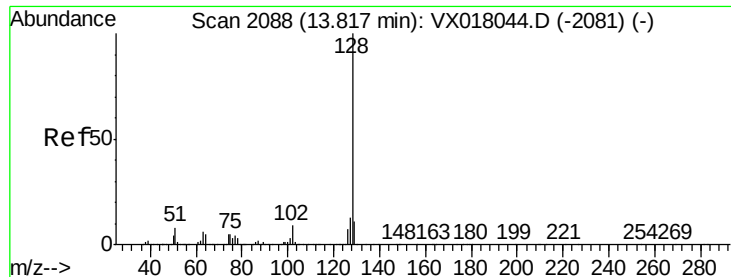
Tot Ion:180 Resp: 365313
 Ion Ratio Lower Upper
 180 100
 182 100.7 47.5 142.6
 145 31.3 15.7 47.1



#94
 Hexachlorobutadiene
 Concen: 48.510 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018160.D
 Acq: 31 Aug 2020 20:05

Tgt Ion:225 Resp: 145448
 Ion Ratio Lower Upper
 225 100
 223 67.4 30.7 92.1
 227 65.5 32.6 97.8

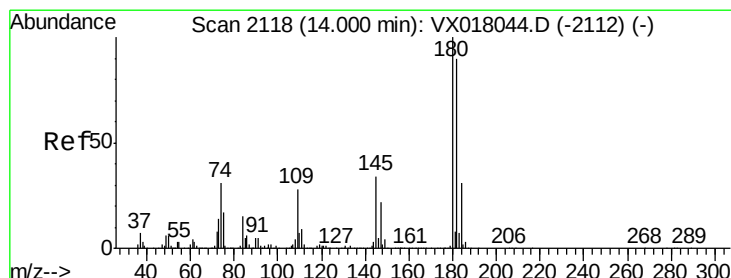
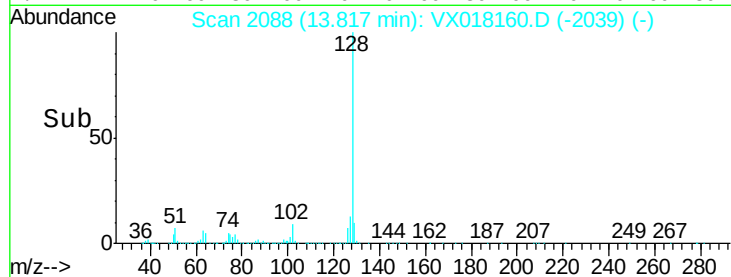
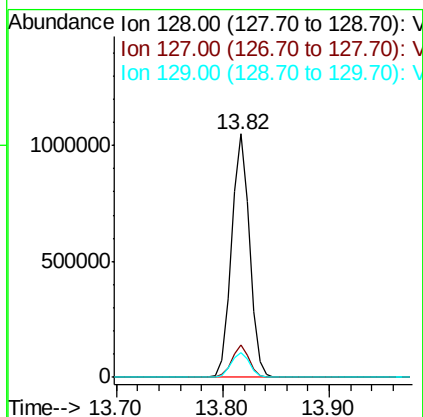
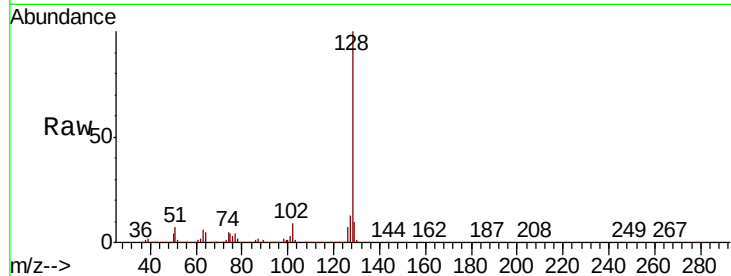




#95
Naphthalene
Concen: 49.897 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 1248288
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.703 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX018160.D
Acq: 31 Aug 2020 20:05

Tgt Ion:180 Resp: 365818
Ion Ratio Lower Upper
180 100
182 94.5 47.3 142.0
145 33.8 17.5 52.6

