

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092320\
 Data File : VX018557.D
 Acq On : 23 Sep 2020 23:59
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 24 00:41:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	410911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	645403	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	598586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	323717	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	282396	48.58	ug/l	0.00
Spiked Amount			Recovery	=	97.16%	
35) Dibromofluoromethane	5.47	113	217270	48.70	ug/l	0.00
Spiked Amount			Recovery	=	97.40%	
50) Toluene-d8	8.70	98	770331	47.52	ug/l	0.00
Spiked Amount			Recovery	=	95.04%	
62) 4-Bromofluorobenzene	11.12	95	295831	45.88	ug/l	0.00
Spiked Amount			Recovery	=	91.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	209383	53.746	ug/l	100
3) Chloromethane	1.31	50	217844	47.763	ug/l	99
4) Vinyl Chloride	1.39	62	233864	48.434	ug/l	98
5) Bromomethane	1.64	94	162517	54.839	ug/l	99
6) Chloroethane	1.72	64	140368	50.795	ug/l	97
7) Trichlorofluoromethane	1.92	101	403804	55.050	ug/l	97
8) Diethyl Ether	2.17	74	125940	48.935	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	204812	51.875	ug/l	99
10) Methyl Iodide	2.50	142	258430	52.616	ug/l	96
11) Tert butyl alcohol	3.05	59	204135	201.828	ug/l	100
12) 1,1-Dichloroethene	2.36	96	201724	50.692	ug/l	92
13) Acrolein	2.28	56	203743	318.137	ug/l	99
14) Allyl chloride	2.71	41	352670	45.733	ug/l	95
15) Acrylonitrile	3.12	53	566387	234.692	ug/l	98
16) Acetone	2.43	43	488290	219.643	ug/l	100
17) Carbon Disulfide	2.56	76	574333	48.326	ug/l	99
18) Methyl Acetate	2.75	43	270941	49.190	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	733130	52.482	ug/l	98
20) Methylene Chloride	2.84	84	229073	46.702	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	221217	47.832	ug/l	96
22) Diisopropyl ether	3.82	45	729563	50.332	ug/l	98
23) Vinyl Acetate	3.79	43	3234018	251.785	ug/l	99
24) 1,1-Dichloroethane	3.67	63	403989	48.327	ug/l	98
25) 2-Butanone	4.64	43	776556	224.311	ug/l	99
26) 2,2-Dichloropropane	4.56	77	334091	43.255	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	249957	48.220	ug/l	99
28) Bromochloromethane	4.98	49	189829	48.528	ug/l	99
29) Tetrahydrofuran	5.10	42	501472	229.820	ug/l	97
30) Chloroform	5.18	83	443253	52.259	ug/l	97
31) Cyclohexane	5.56	56	337657	47.999	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	414635	52.108	ug/l	98
36) 1,1-Dichloropropene	5.77	75	314791	50.251	ug/l	98
37) Ethyl Acetate	4.79	43	323894	48.419	ug/l	99
38) Carbon Tetrachloride	5.75	117	383180	55.231	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	346062	49.172	ug/l	97
40) Benzene	6.12	78	902596	50.277	ug/l	99
41) Methacrylonitrile	5.01	41	182859	49.195	ug/l	98
42) 1,2-Dichloroethane	6.17	62	374536	53.626	ug/l	98
43) Isopropyl Acetate	6.42	43	542882	48.906	ug/l	99
44) Trichloroethene	7.19	130	260931	50.208	ug/l	99
45) 1,2-Dichloropropane	7.49	63	239142	48.532	ug/l	98
46) Dibromomethane	7.64	93	171858	50.765	ug/l	98
47) Bromodichloromethane	7.88	83	358558	52.554	ug/l	99
48) Methyl methacrylate	7.75	41	268996	49.786	ug/l	98
49) 1,4-Dioxane	7.76	88	67045	750.978	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1629998	246.616	ug/l	100
52) Toluene	8.77	92	577806	51.146	ug/l	96
53) t-1,3-Dichloropropene	9.02	75	386460	49.850	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	401892	50.321	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	240104	51.220	ug/l	99
56) Ethyl methacrylate	9.16	69	354920	51.062	ug/l	99
57) 1,3-Dichloropropane	9.35	76	400784	50.887	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	882163	238.713	ug/l	99
59) 2-Hexanone	9.48	43	1227626	244.196	ug/l	99
60) Dibromochloromethane	9.57	129	298870	53.468	ug/l	99
61) 1,2-Dibromoethane	9.65	107	256735	51.474	ug/l	100
64) Tetrachloroethene	9.32	164	246656	52.340	ug/l	93
65) Chlorobenzene	10.12	112	631050	51.198	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	258493	52.278	ug/l	98
67) Ethyl Benzene	10.24	91	1123486	52.661	ug/l	95
68) m/p-Xylenes	10.34	106	850133	105.339	ug/l	100
69) o-Xylene	10.68	106	400566	52.414	ug/l	100
70) Styrene	10.70	104	687860	52.128	ug/l	97
71) Bromoform	10.84	173	220426	53.095	ug/l #	98
73) Isopropylbenzene	11.01	105	1112605	51.449	ug/l	100
74) N-amyl acetate	10.88	43	464255	47.685	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	351212	49.066	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	422239	62.069	ug/l	83
77) Bromobenzene	11.24	156	288386	48.331	ug/l	99
78) n-propylbenzene	11.35	91	1277342	50.462	ug/l	99
79) 2-Chlorotoluene	11.41	91	750262	48.965	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	959163	51.862	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	118397	44.599	ug/l	96
82) 4-Chlorotoluene	11.49	91	906850	49.789	ug/l	98
83) tert-Butylbenzene	11.76	119	914496	50.928	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	953757	51.207	ug/l	98
85) sec-Butylbenzene	11.93	105	1054839	49.786	ug/l	99
86) p-Isopropyltoluene	12.05	119	1002079	51.462	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	524362	48.876	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	518991	47.710	ug/l	97
89) n-Butylbenzene	12.37	91	876260	48.610	ug/l	99
90) Hexachloroethane	12.58	117	188436	48.473	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	517663	51.553	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	85284	49.079	ug/l	95

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Quant Title : SW846 8260
QLast Update : Thu Sep 17 12:17:36 2020
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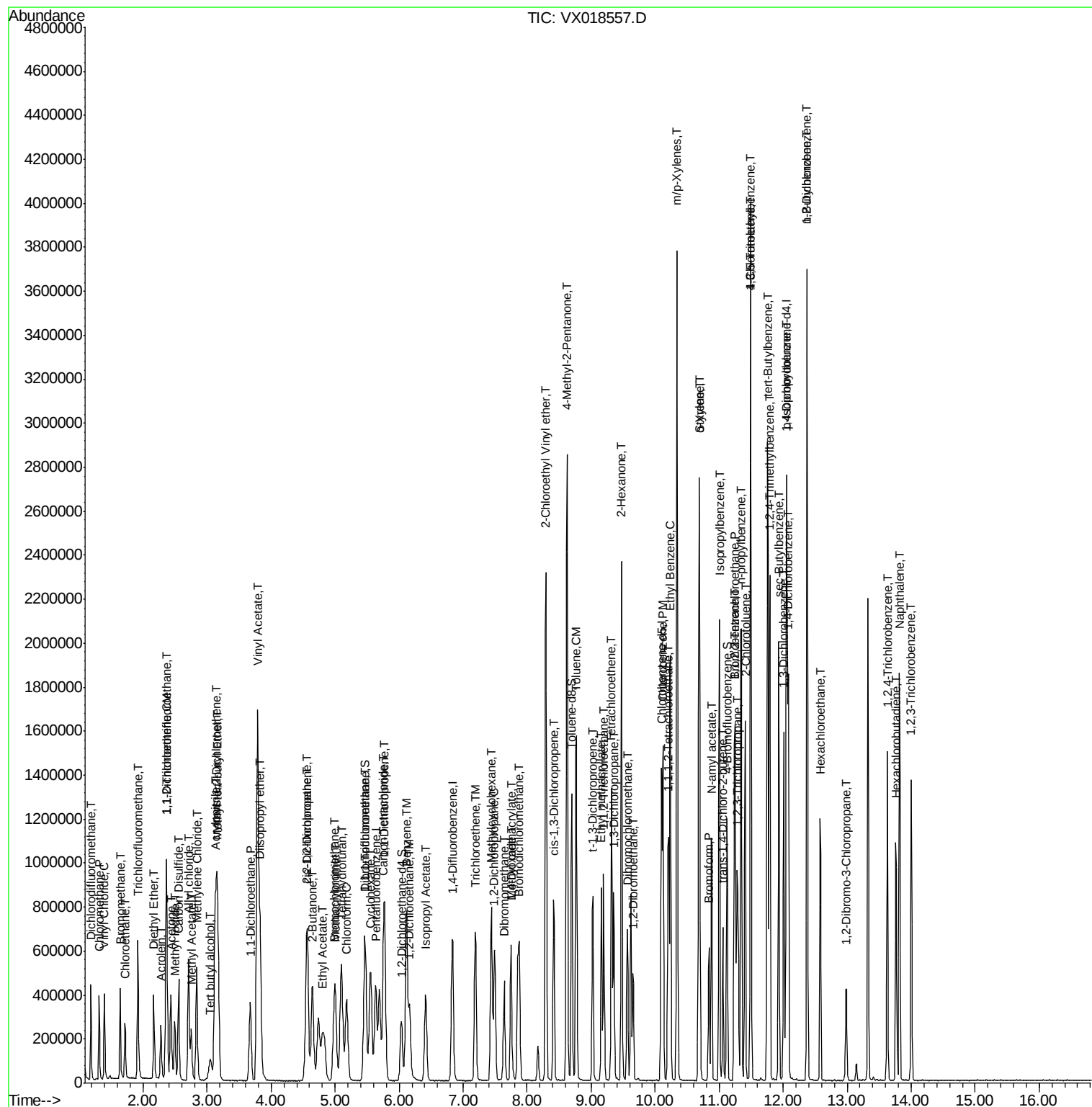
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	335903	48.064	ug/l	98
94) Hexachlorobutadiene	13.76	225	149502	50.979	ug/l	95
95) Naphthalene	13.82	128	1072892	50.834	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	326258	48.849	ug/l	95

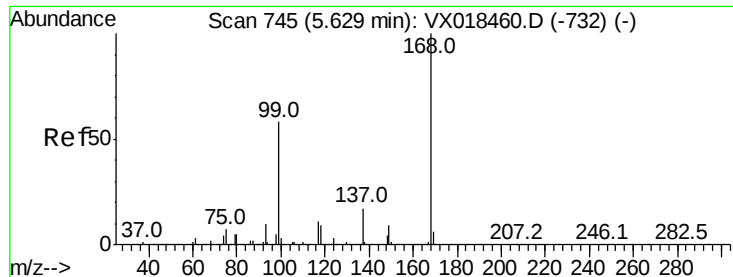
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

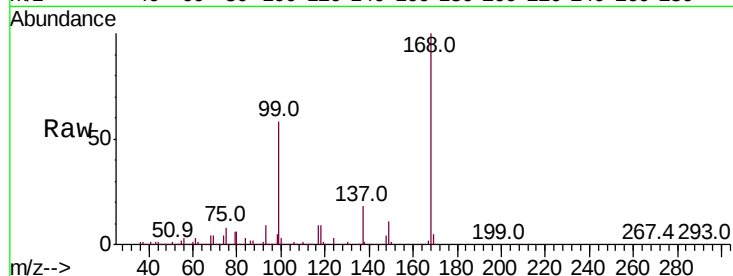
VSTDCCC050EC

Tot Ion:168 Resp: 410911

Ion Ratio Lower Upper

168 100

99 57.4 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

150000

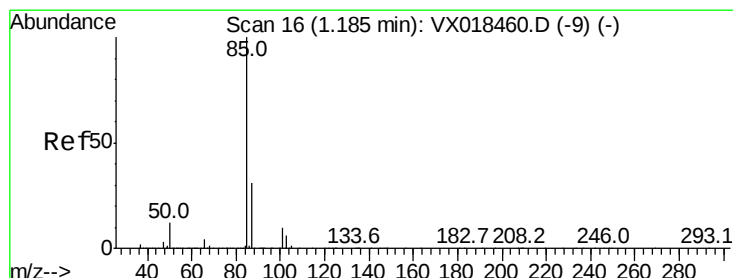
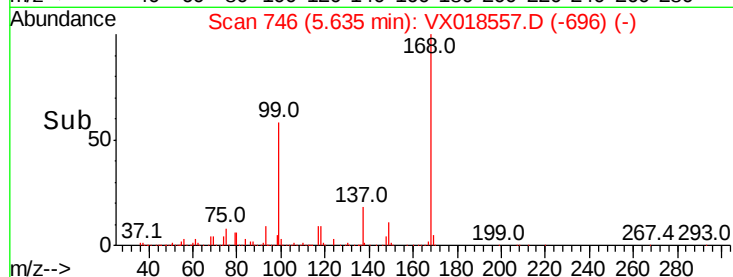
100000

50000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 53.746 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018557.D

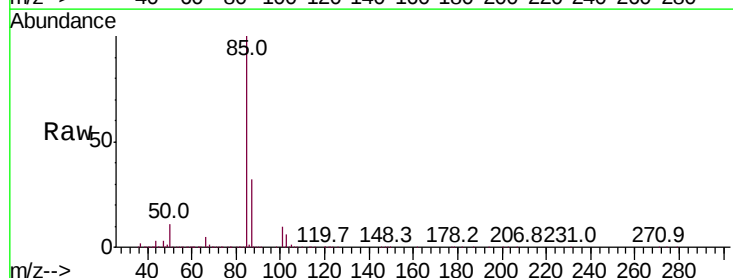
Acq: 23 Sep 2020 23:59

Tgt Ion: 85 Resp: 209383

Ion Ratio Lower Upper

85 100

87 31.6 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

250000

200000

150000

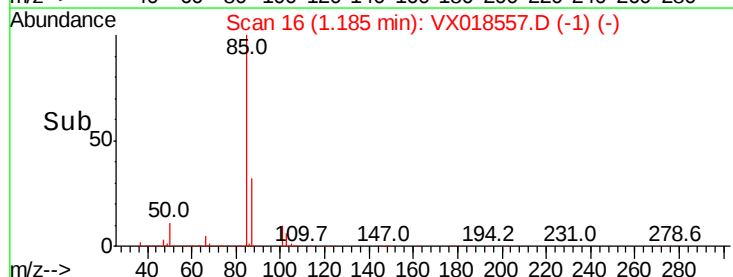
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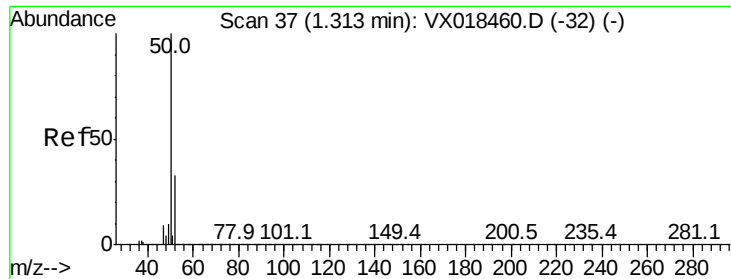
50000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 47.763 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

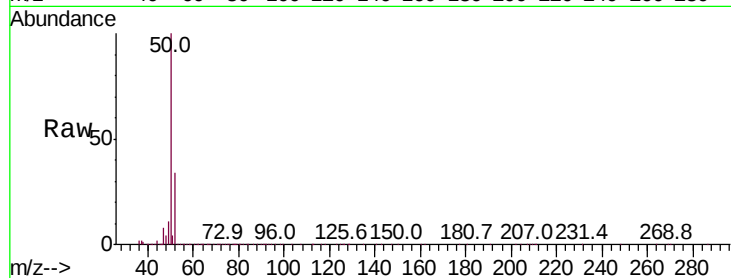
VSTDCCC050EC

Tot Ion: 50 Resp: 217844

Ion Ratio Lower Upper

50 100

52 34.0 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

250000

200000

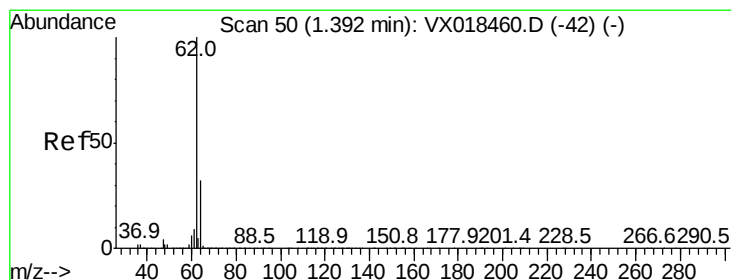
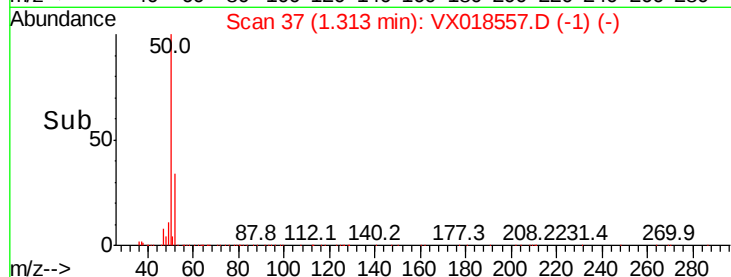
150000

100000

50000

0

Time--> 1.25 1.30 1.35



#4

Vinyl Chloride

Concen: 48.434 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018557.D

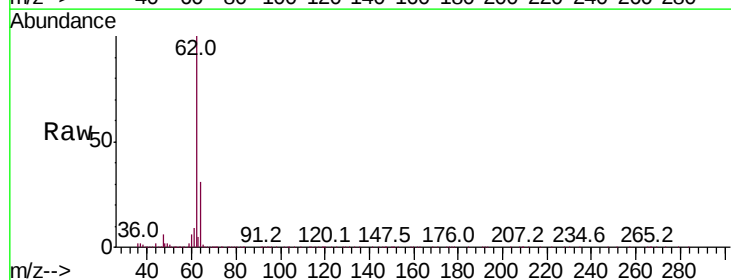
Acq: 23 Sep 2020 23:59

Tgt Ion: 62 Resp: 233864

Ion Ratio Lower Upper

62 100

64 31.0 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

250000

200000

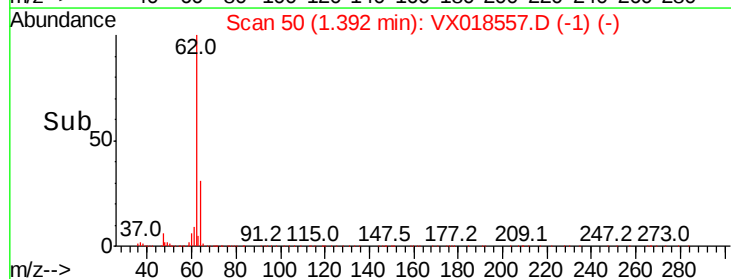
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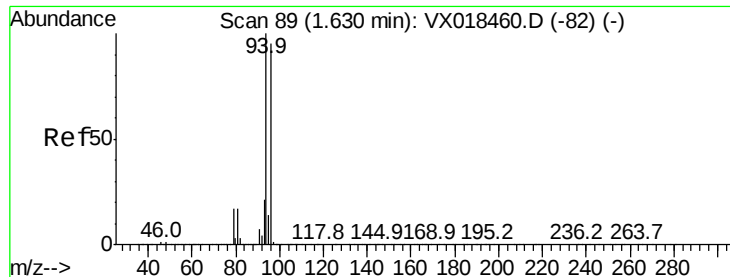
100000

50000

0

Time--> 1.30 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 54.839 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

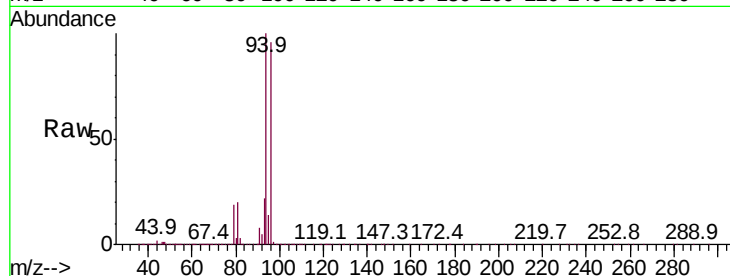
VSTDCCC050EC

Tot Ion: 94 Resp: 162517

Ion Ratio Lower Upper

94 100

96 95.5 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

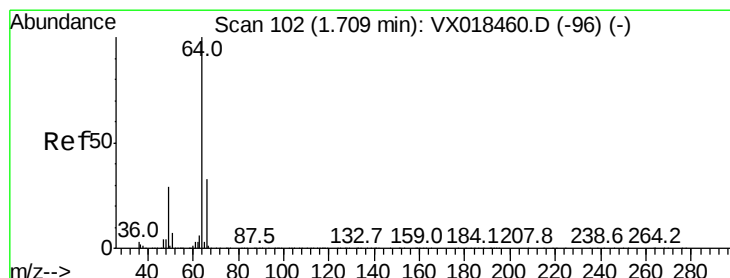
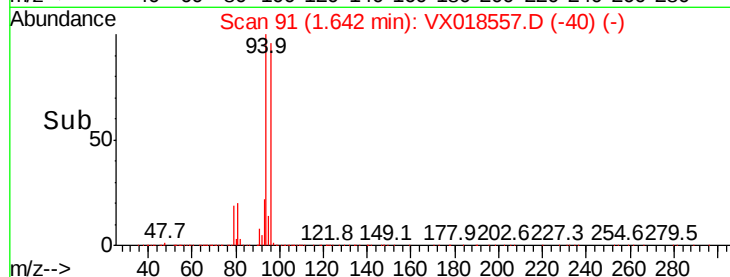
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 50.795 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018557.D

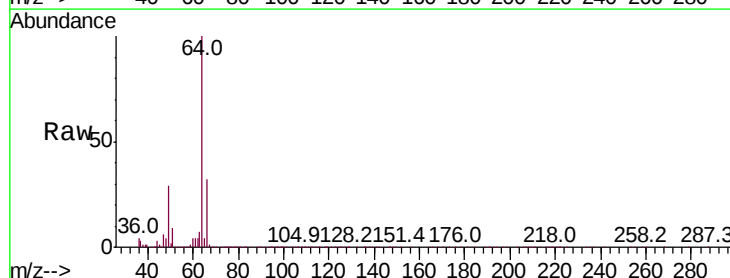
Acq: 23 Sep 2020 23:59

Tgt Ion: 64 Resp: 140368

Ion Ratio Lower Upper

64 100

66 31.4 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

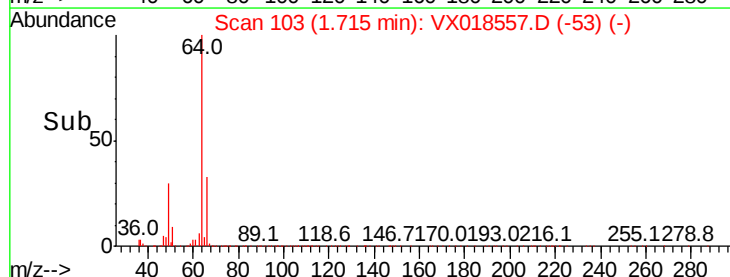
1.72

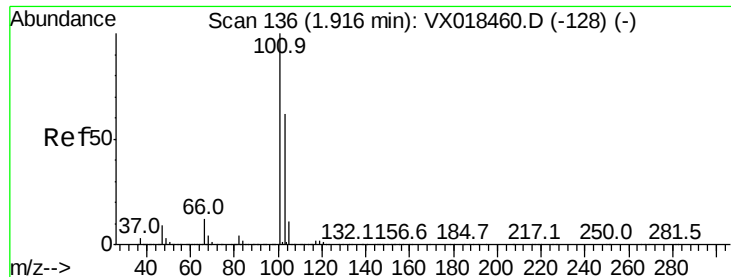
100000

50000

0

Time-->



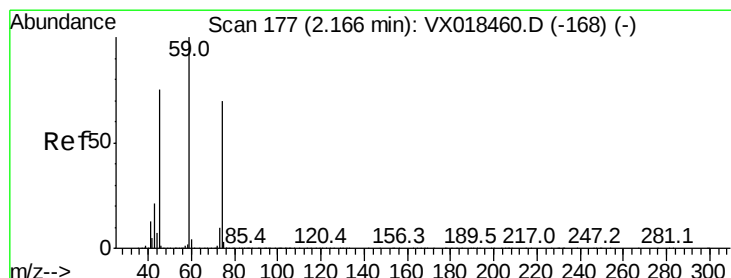
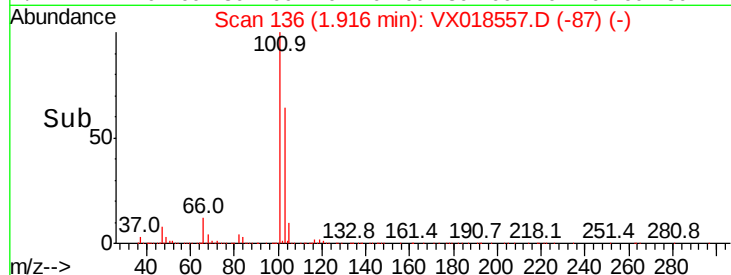
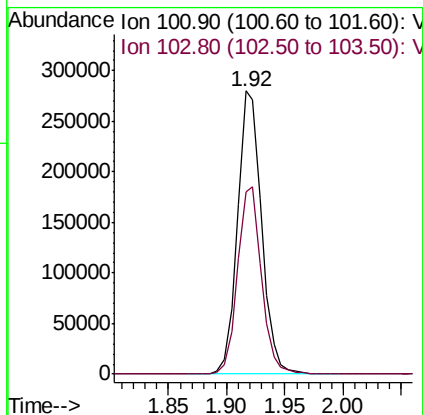
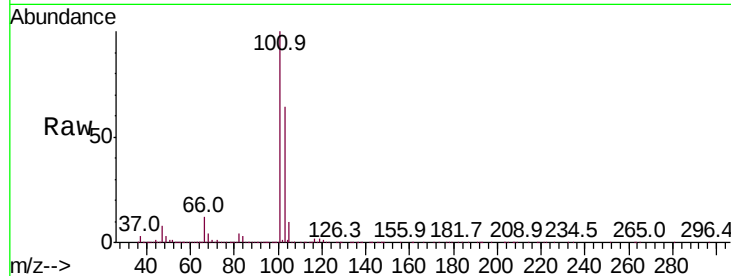


#7

Trichlorofluoromethane
Concen: 55.050 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Instrument :
MSVOA_X
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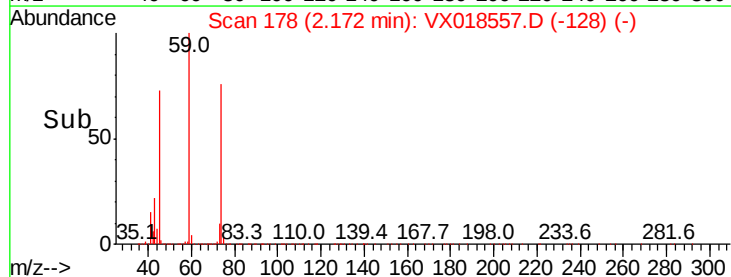
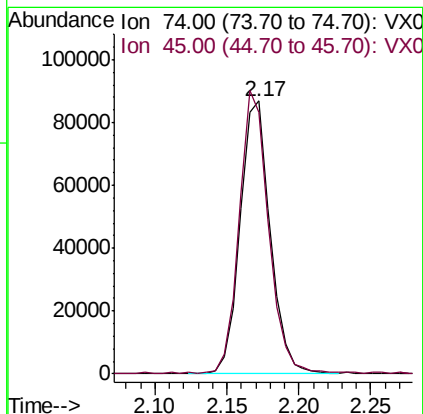
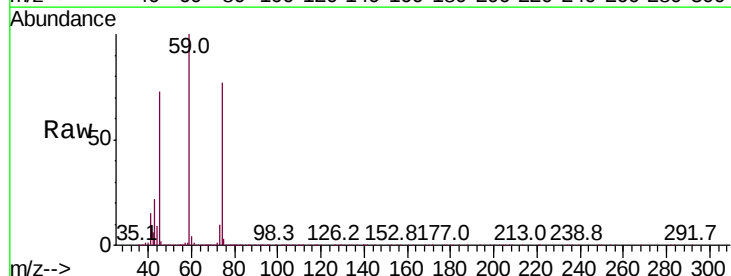
Tot Ion:101 Resp: 403804
Ion Ratio Lower Upper
101 100
103 64.5 49.6 74.4

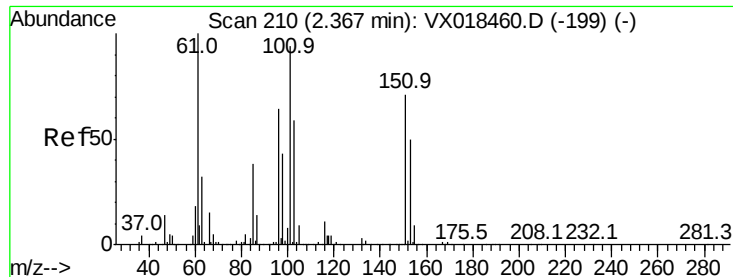


#8

Diethyl Ether
Concen: 48.935 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Tgt Ion: 74 Resp: 125940
Ion Ratio Lower Upper
74 100
45 100.7 50.7 152.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.875 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

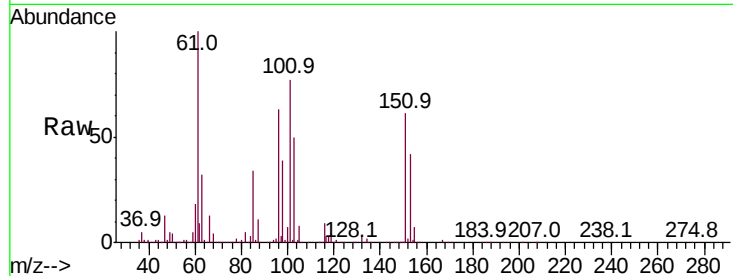
Tot Ion:101 Resp: 204812

Ion Ratio Lower Upper

101 100

85 44.7 34.7 52.1

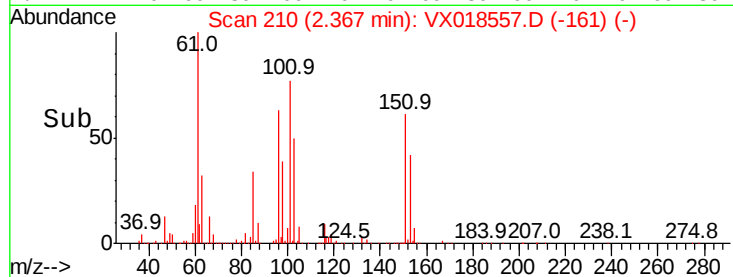
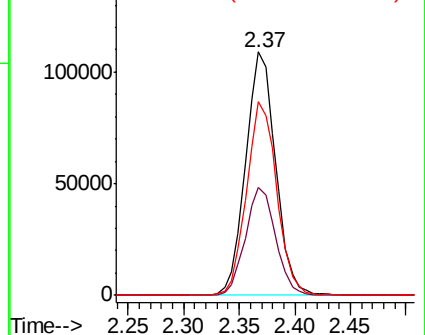
151 80.2 64.9 97.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.616 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

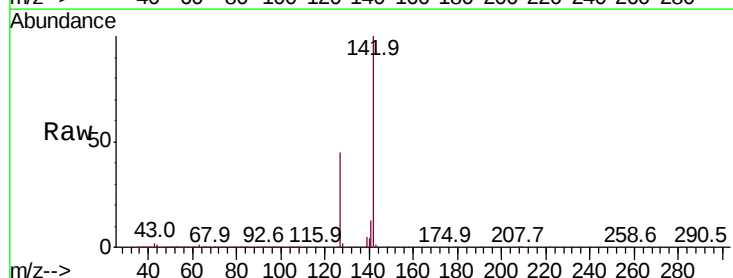
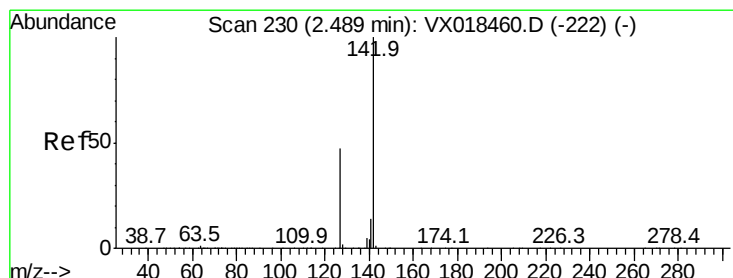
Tgt Ion:142 Resp: 258430

Ion Ratio Lower Upper

142 100

127 48.1 36.0 54.0

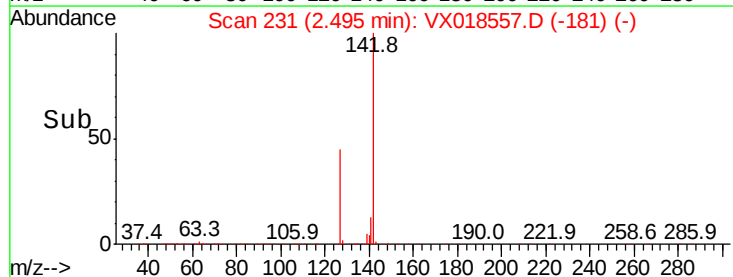
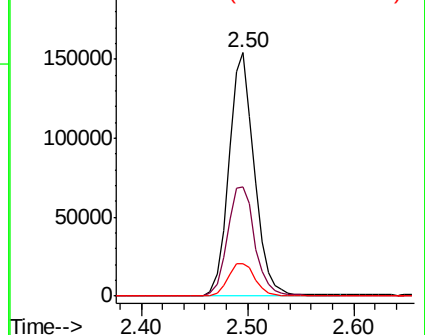
141 14.7 11.9 17.9

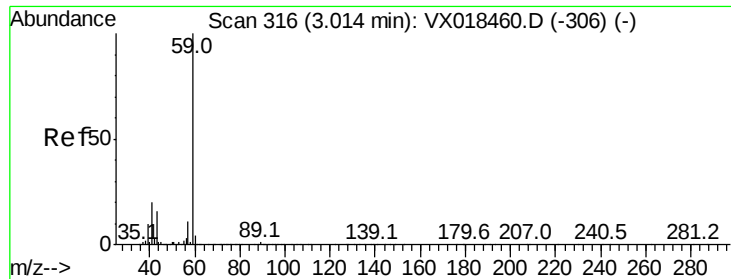


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



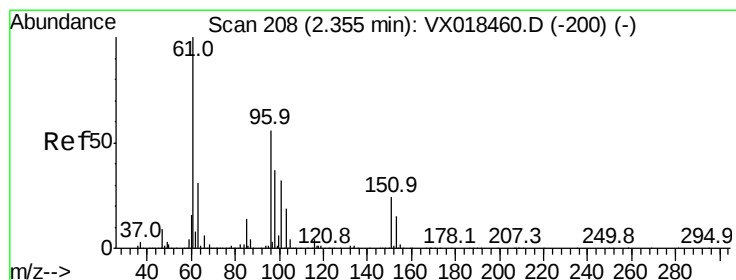
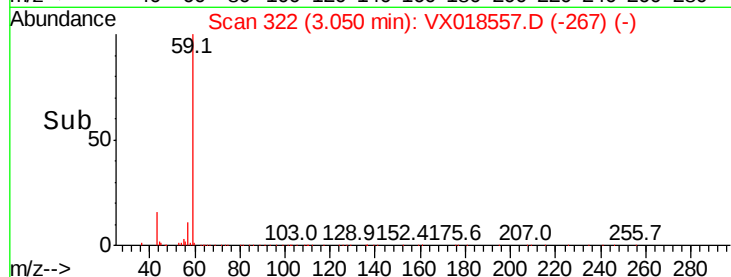
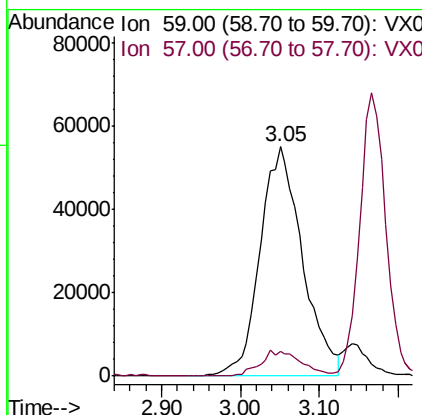
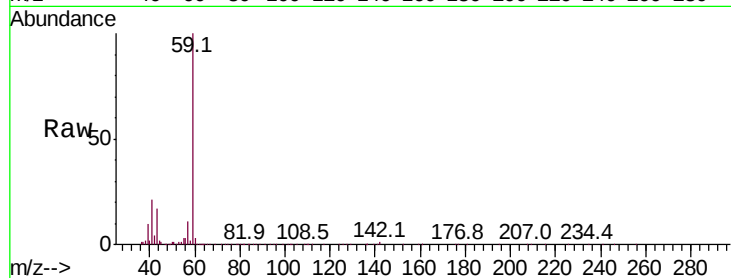


#11

Tert butyl alcohol
 Concen: 201.828 ug/l
 RT: 3.05 min Scan# 322
 Delta R.T. 0.04 min
 Lab File: VX018557.D
 Acq: 23 Sep 2020 23:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

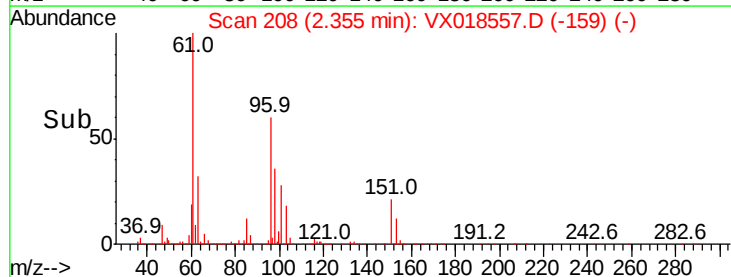
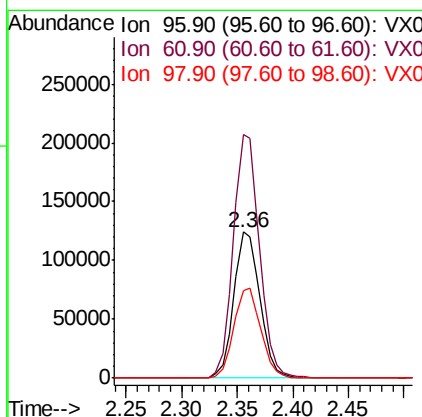
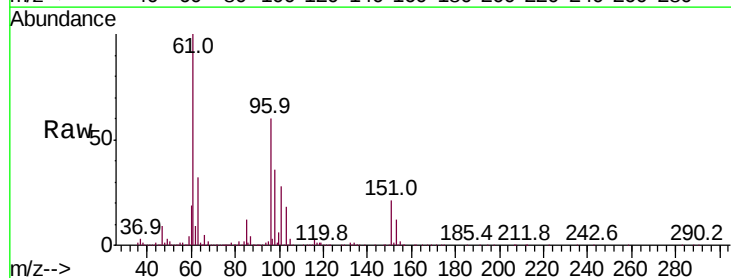
Tot Ion: 59 Resp: 204135
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.4

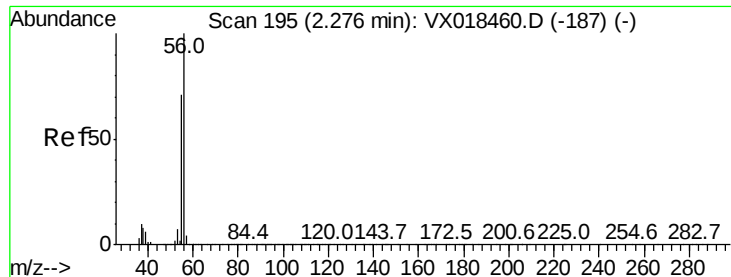


#12

1,1-Dichloroethene
 Concen: 50.692 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX018557.D
 Acq: 23 Sep 2020 23:59

Tgt Ion: 96 Resp: 201724
 Ion Ratio Lower Upper
 96 100
 61 166.5 142.2 213.4
 98 59.6 52.4 78.6





#13

Acrolein

Concen: 318.137 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

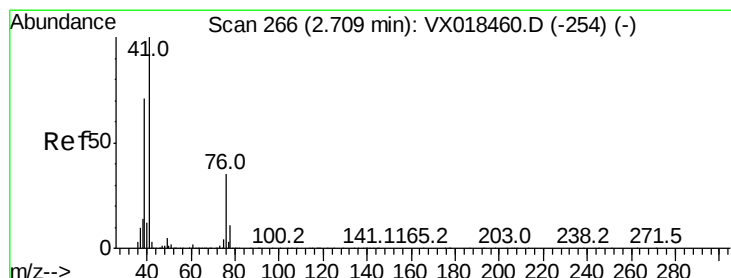
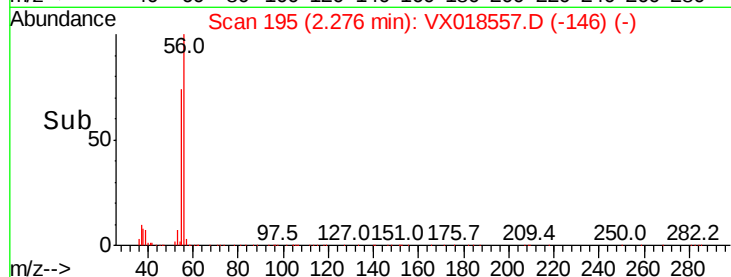
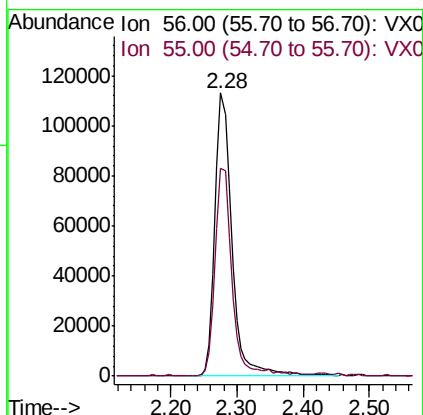
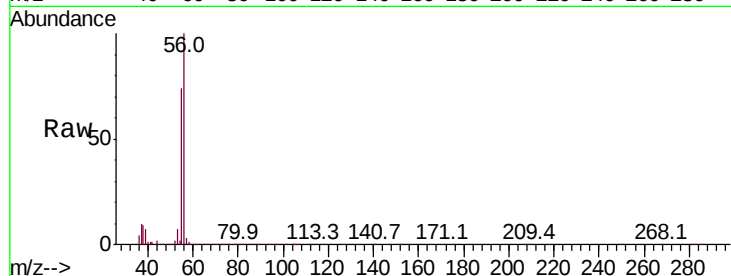
VSTDCCC050EC

Tot Ion: 56 Resp: 203743

Ion Ratio Lower Upper

56 100

55 71.7 58.2 87.4



#14

Allyl chloride

Concen: 45.733 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

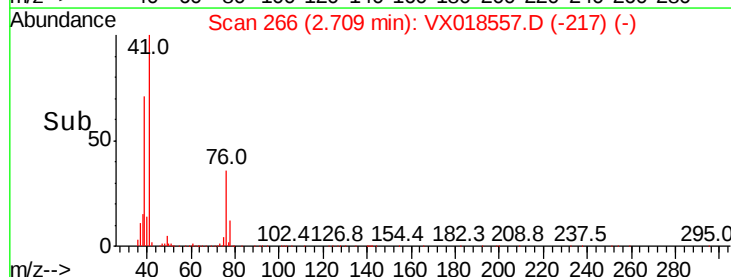
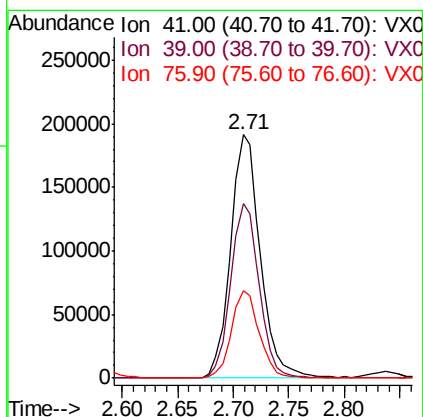
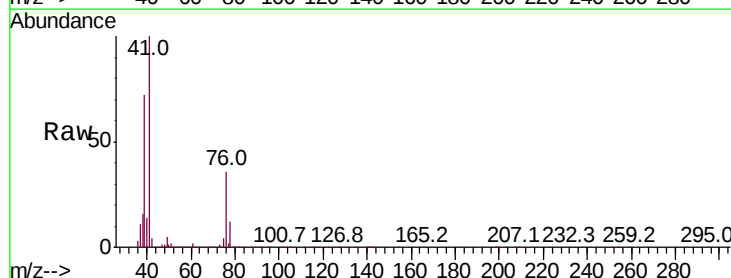
Tgt Ion: 41 Resp: 352670

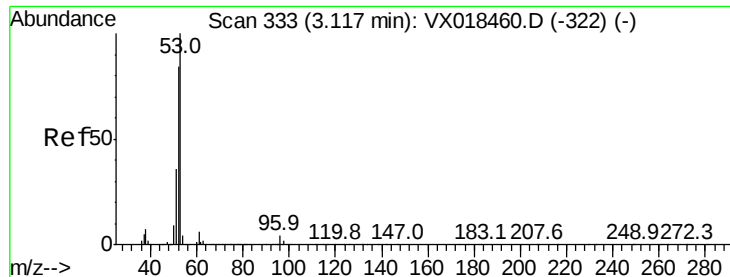
Ion Ratio Lower Upper

41 100

39 68.7 51.1 76.7

76 33.7 26.0 39.0

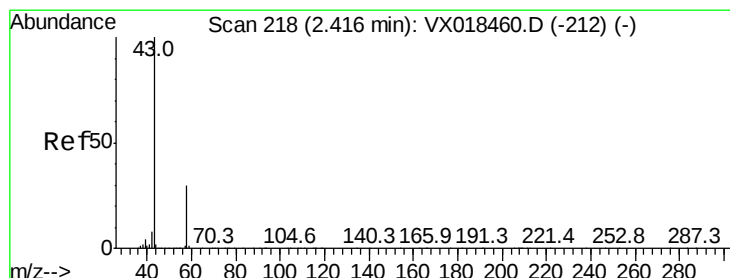
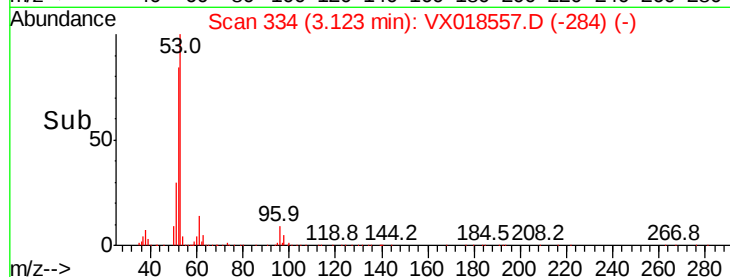
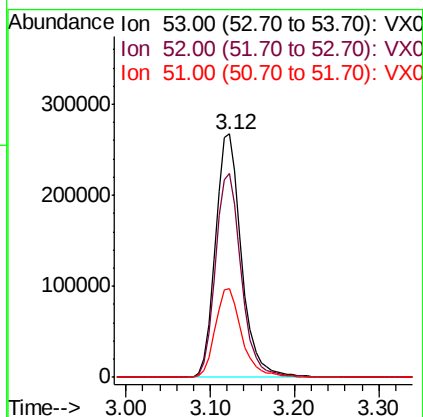
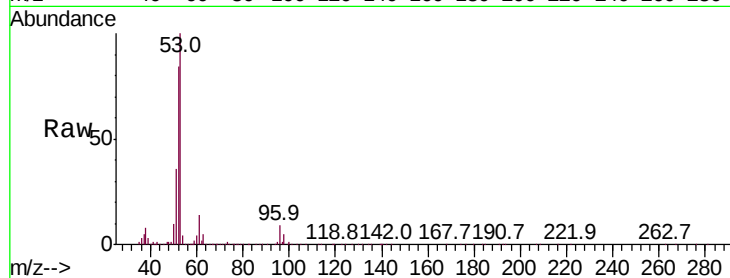




#15
 Acrylonitrile
 Concen: 234.692 ug/l
 RT: 3.12 min Scan# 334
 Delta R.T. 0.01 min
 Lab File: VX018557.D
 Acq: 23 Sep 2020 23:59

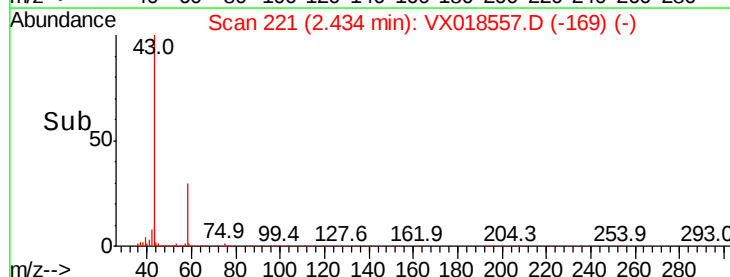
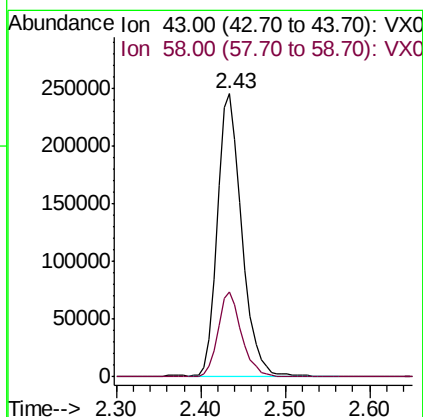
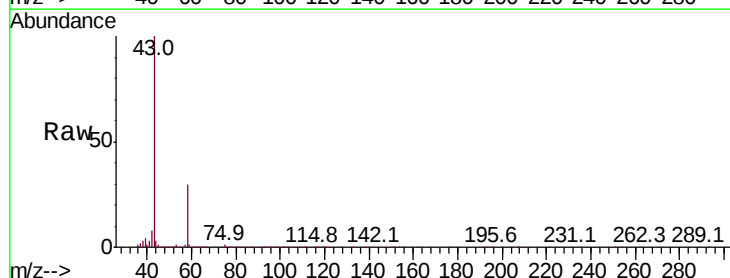
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

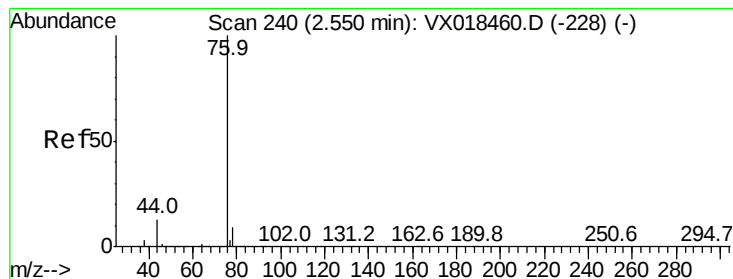
Tot Ion	53	Resp	566387
Ion Ratio	Lower	Upper	
53	100		
52	84.0	65.8	98.8
51	36.9	29.2	43.8



#16
 Acetone
 Concen: 219.643 ug/l
 RT: 2.43 min Scan# 221
 Delta R.T. 0.02 min
 Lab File: VX018557.D
 Acq: 23 Sep 2020 23:59

Tgt Ion	43	Resp	488290
Ion Ratio	Lower	Upper	
43	100		
58	30.2	24.0	36.0





#17

Carbon Disulfide

Concen: 48.326 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

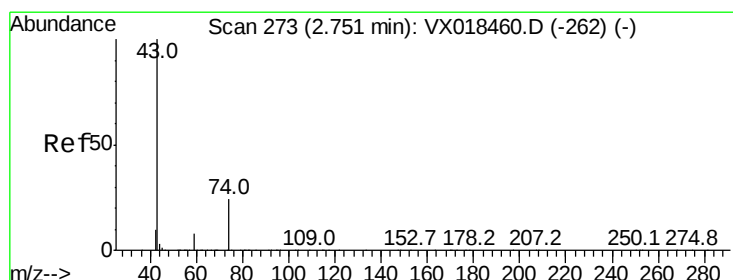
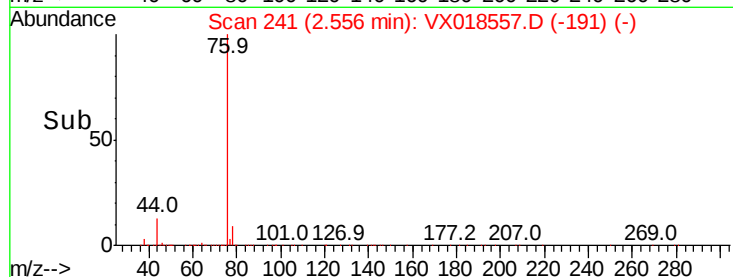
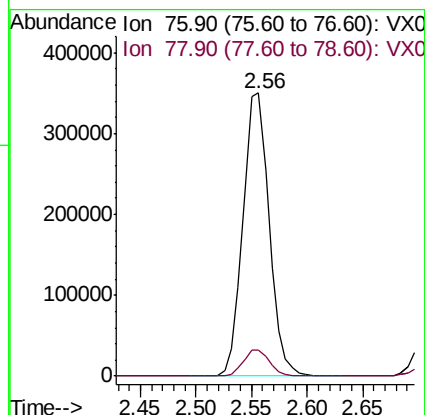
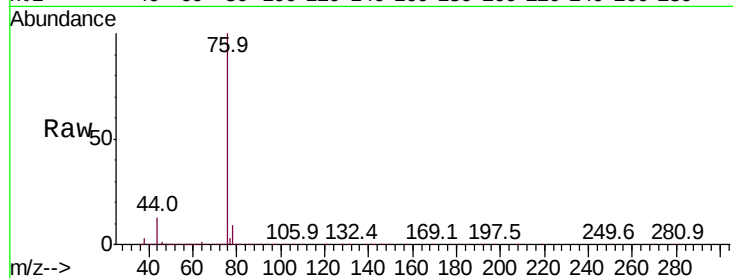
VSTDCCC050EC

Tot Ion: 76 Resp: 574333

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4



#18

Methyl Acetate

Concen: 49.190 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018557.D

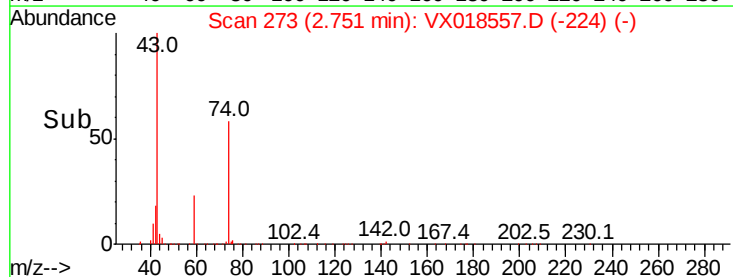
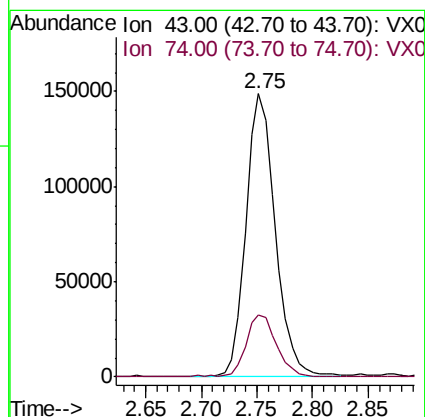
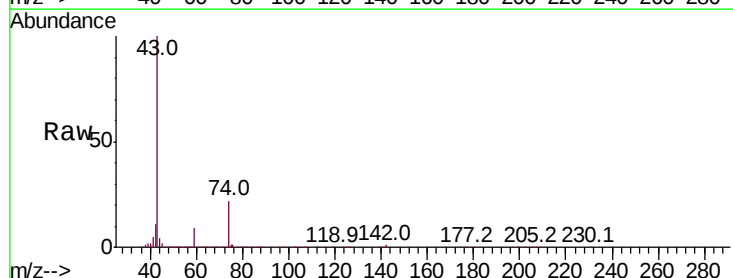
Acq: 23 Sep 2020 23:59

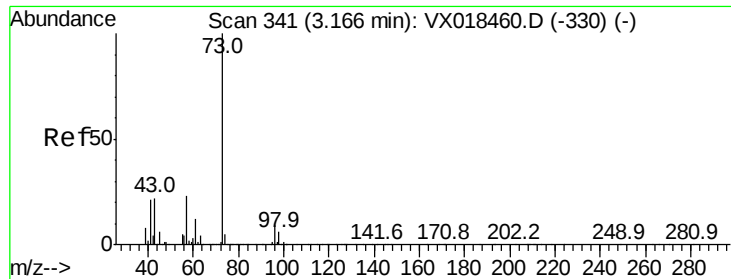
Tgt Ion: 43 Resp: 270941

Ion Ratio Lower Upper

43 100

74 22.7 18.3 27.5

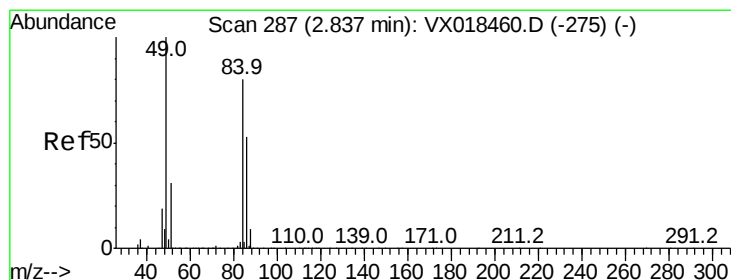
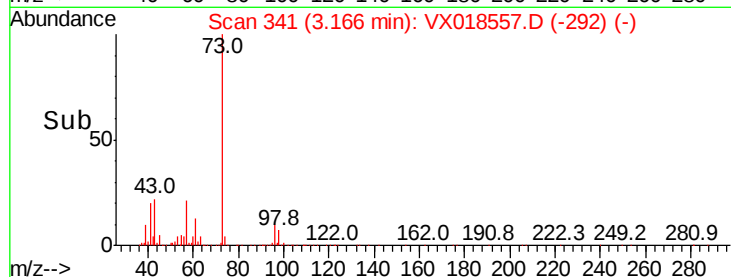
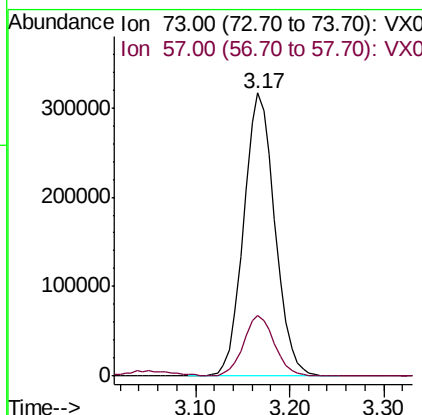
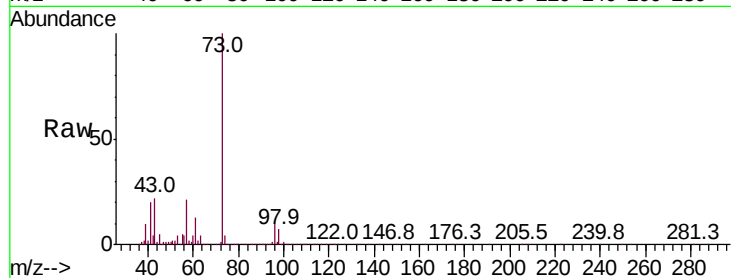




#19
Methyl tert-butyl Ether
Concen: 52.482 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

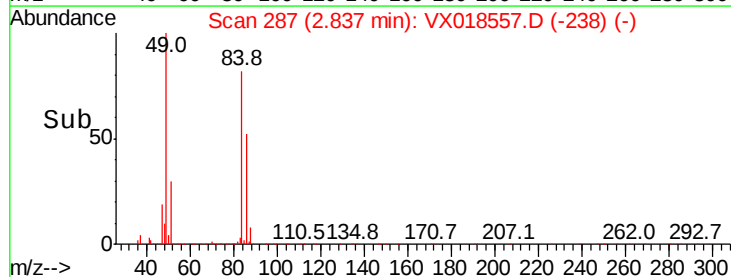
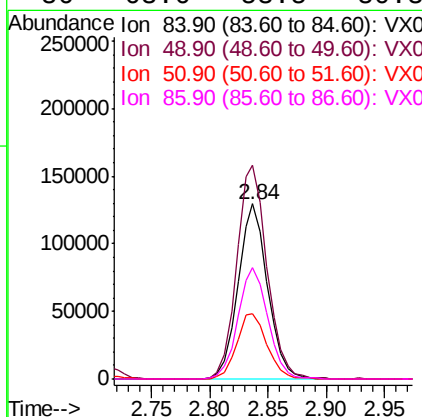
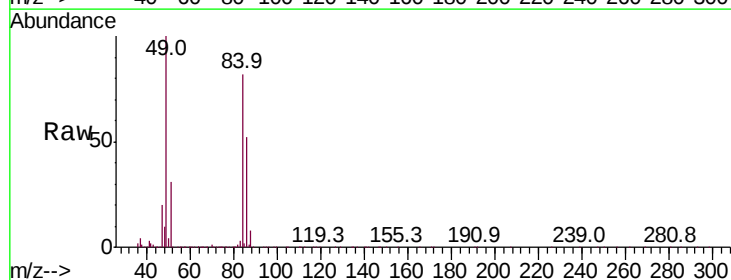
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

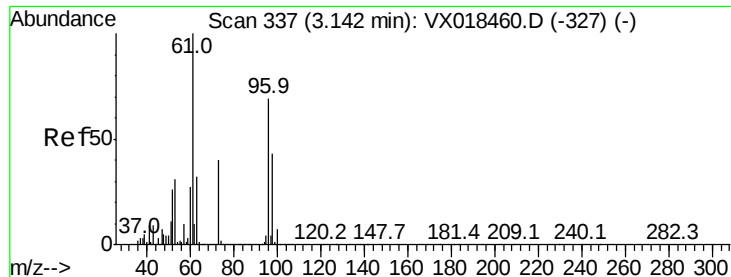
Tot Ion: 73 Resp: 733130
Ion Ratio Lower Upper
73 100
57 21.4 18.0 27.0



#20
Methylene Chloride
Concen: 46.702 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Tgt Ion: 84 Resp: 229073
Ion Ratio Lower Upper
84 100
49 122.0 100.6 151.0
51 37.1 30.9 46.3
86 63.6 53.5 80.3





#21

trans-1,2-Dichloroethene

Concen: 47.832 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

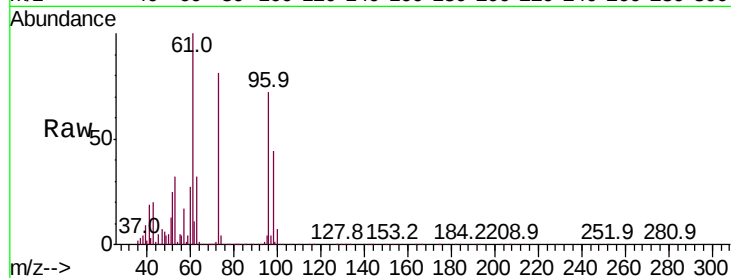
Tot Ion: 96 Resp: 221217

Ion Ratio Lower Upper

96 100

61 138.1 115.6 173.4

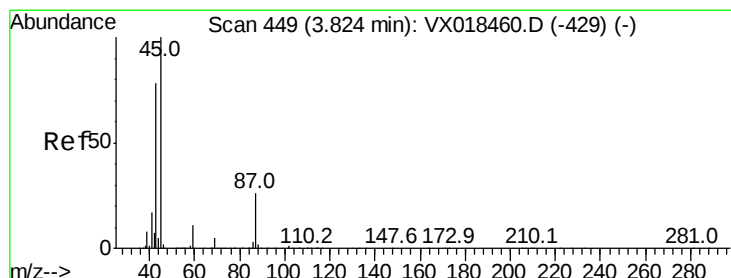
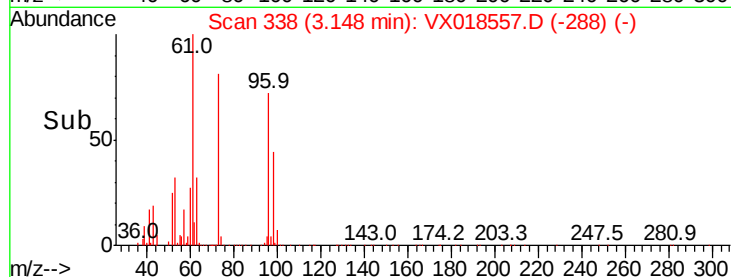
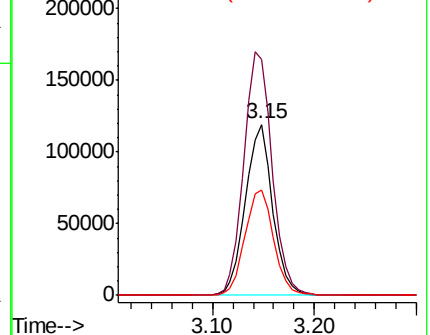
98 61.4 50.2 75.4



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: 50.332 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Tgt Ion: 45 Resp: 729563

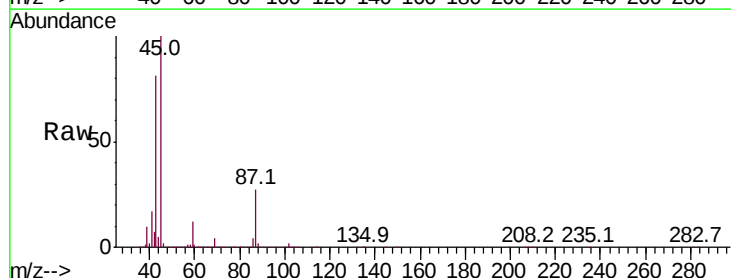
Ion Ratio Lower Upper

45 100

43 80.2 62.4 93.6

87 27.4 21.2 31.8

59 11.8 8.9 13.3

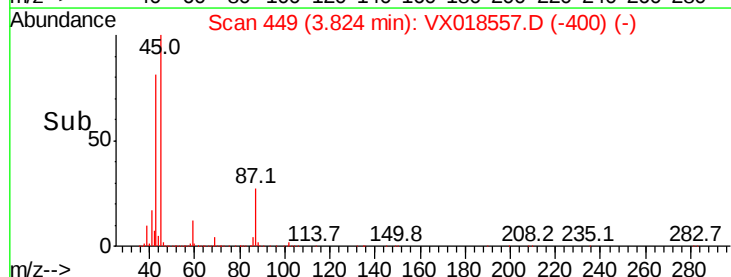
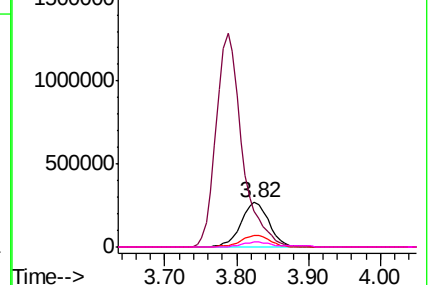


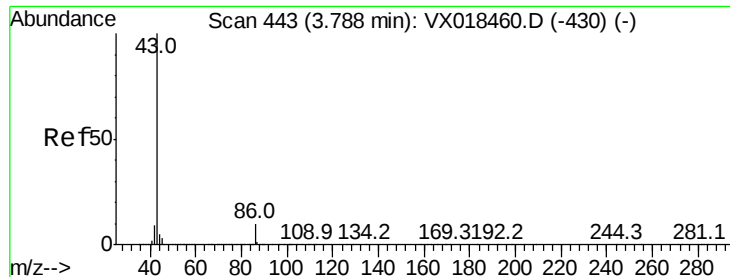
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 251.785 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

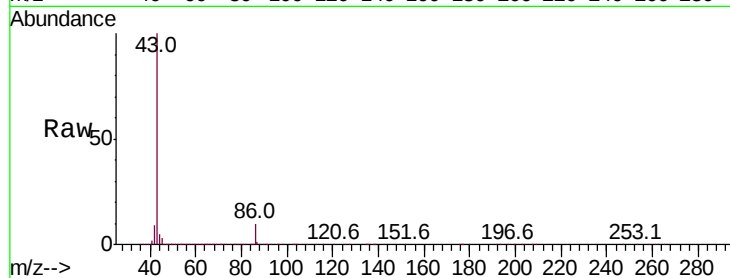
VSTDCCC050EC

Tot Ion: 43 Resp: 3234018

Ion Ratio Lower Upper

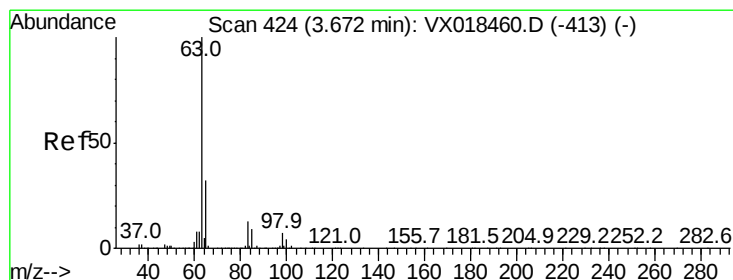
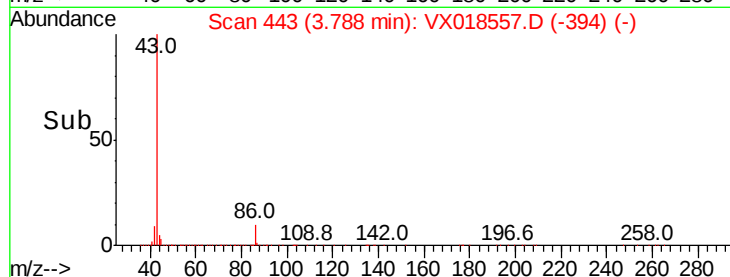
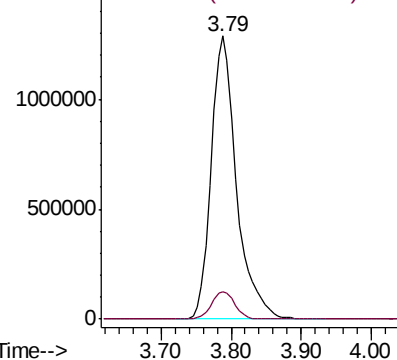
43 100

86 9.9 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.327 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

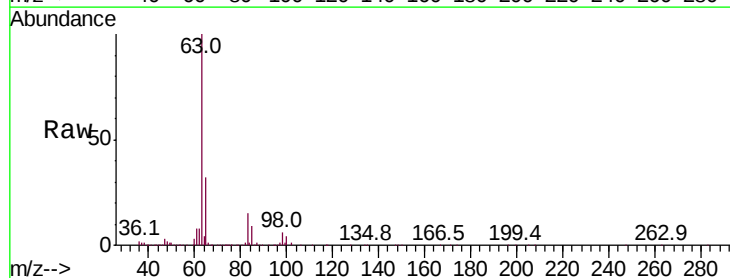
Tgt Ion: 63 Resp: 403989

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.6

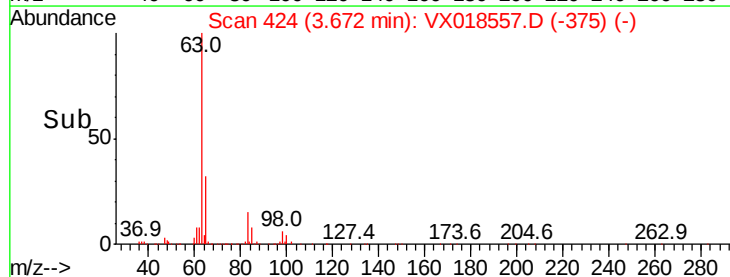
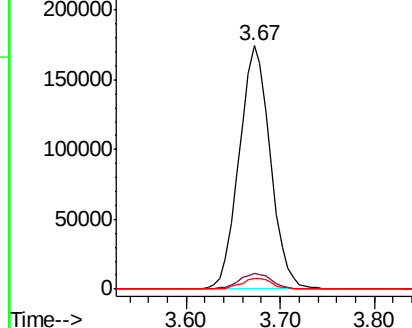
100 4.5 1.9 5.7

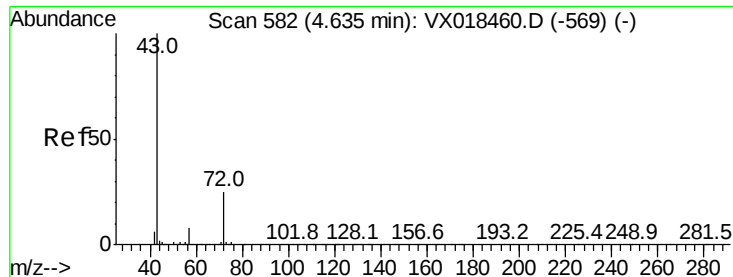


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 224.311 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

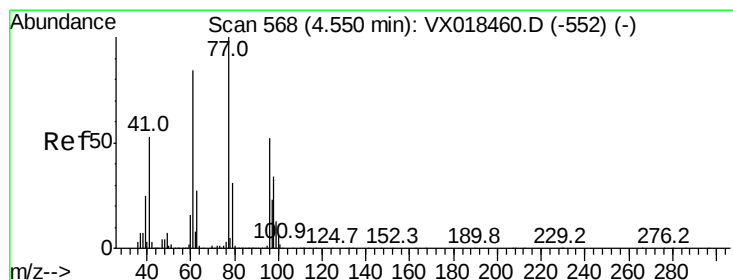
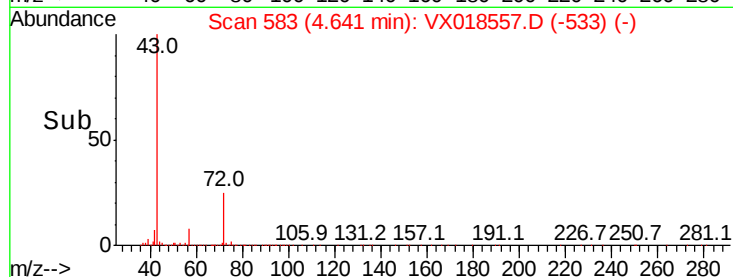
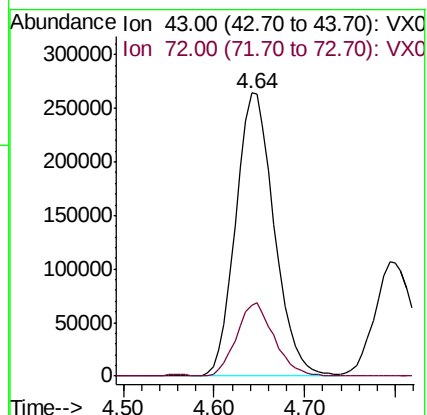
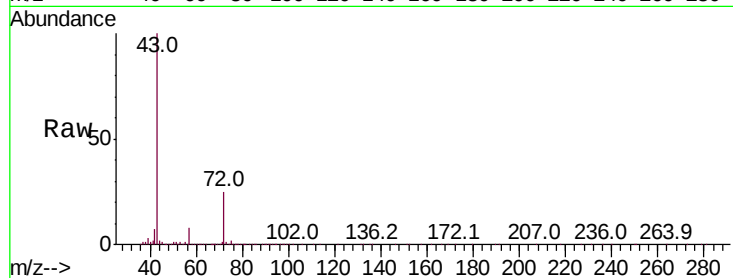
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 776556

Ion Ratio Lower Upper

43 100

72 24.9 20.2 30.4



#26

2,2-Dichloropropane

Concen: 43.255 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX018557.D

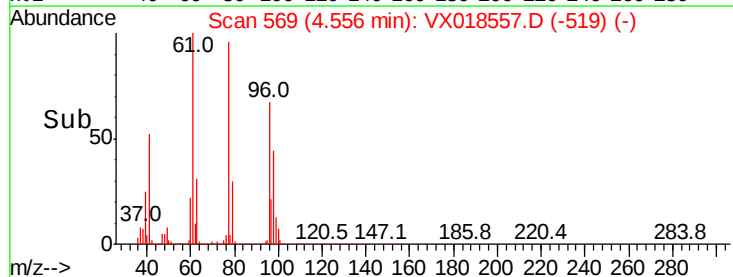
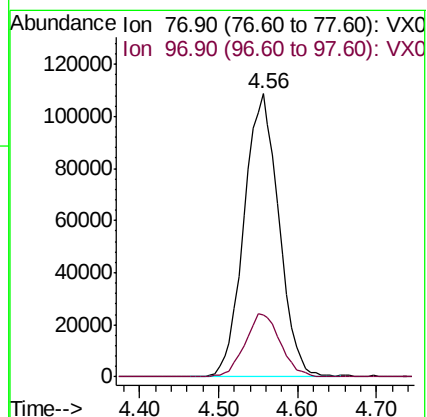
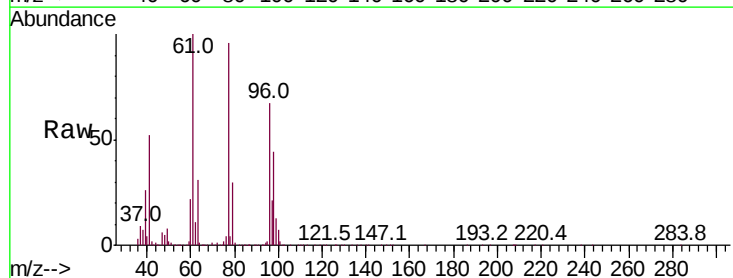
Acq: 23 Sep 2020 23:59

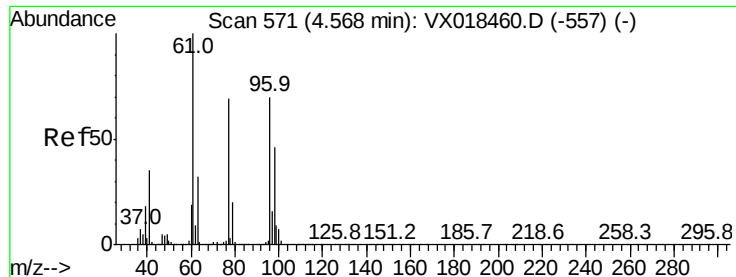
Tgt Ion: 77 Resp: 334091

Ion Ratio Lower Upper

77 100

97 22.7 11.2 33.5



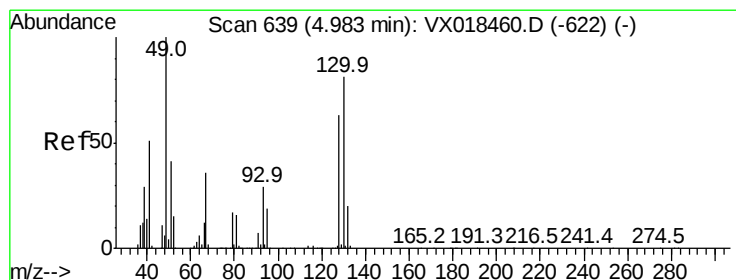
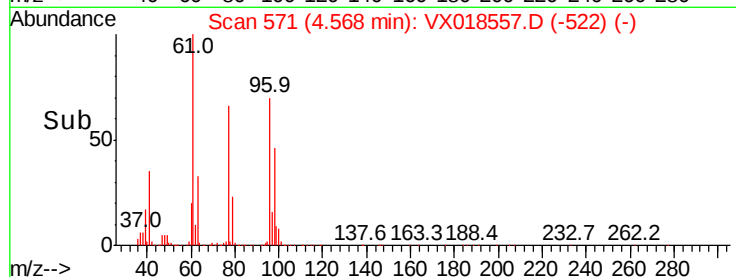
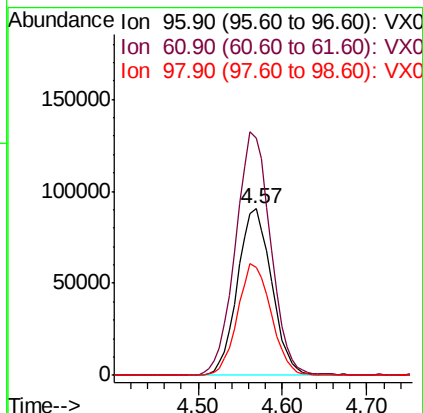
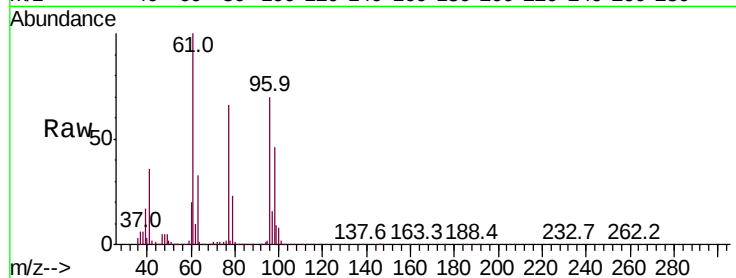


#27

cis-1,2-Dichloroethene
 Concen: 48.220 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: VX018557.D
 Acq: 23 Sep 2020 23:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

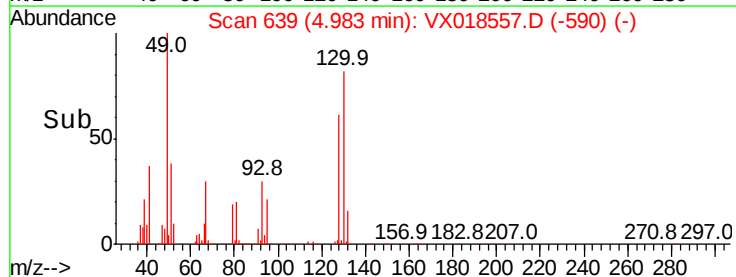
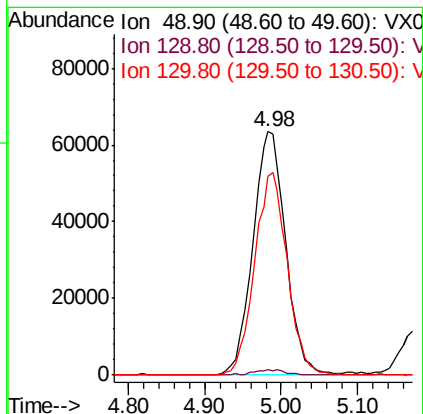
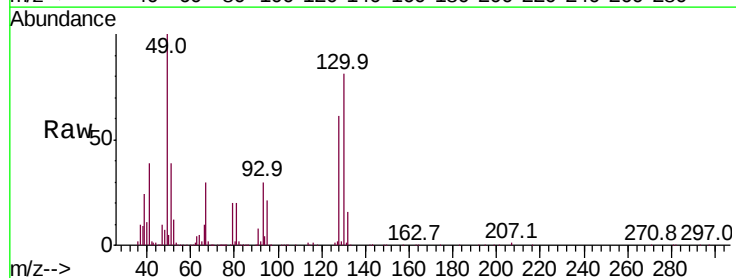
Tot Ion	Ratio	Lower	Upper
96	100		
61	149.4	0.0	300.0
98	65.7	0.0	130.4

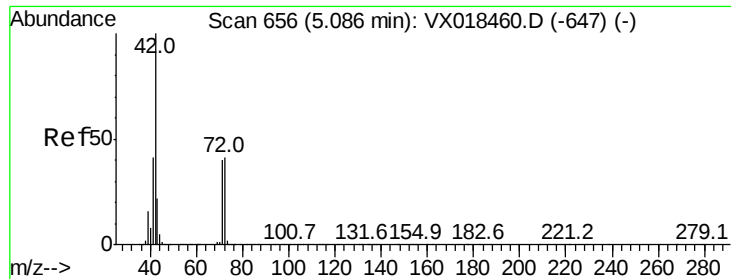


#28

Bromochloromethane
 Concen: 48.528 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX018557.D
 Acq: 23 Sep 2020 23:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.6
130	82.3	65.0	97.4





#29

Tetrahydrofuran

Concen: 229.820 ug/l

RT: 5.10 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

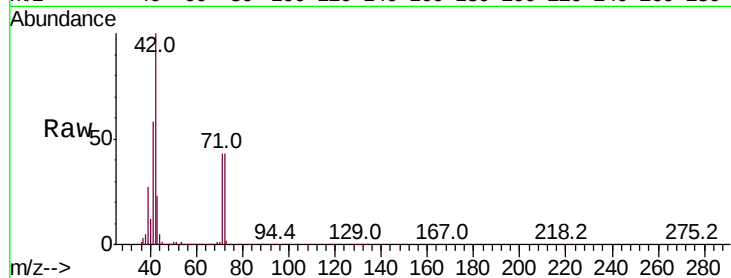
Tot Ion: 42 Resp: 501472

Ion Ratio Lower Upper

42 100

72 45.0 34.3 51.5

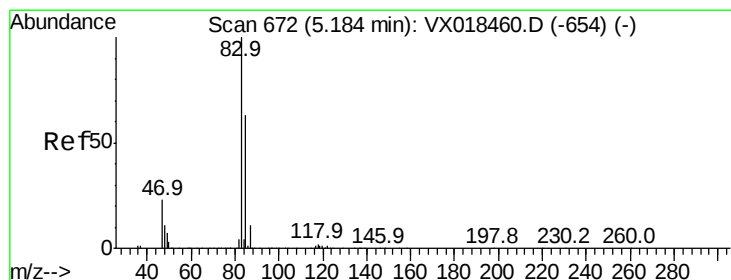
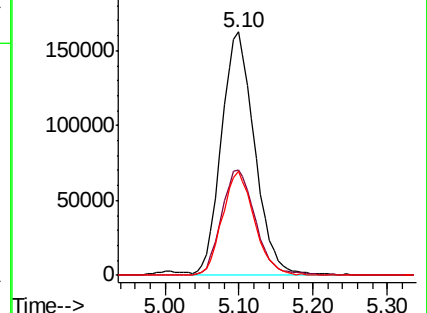
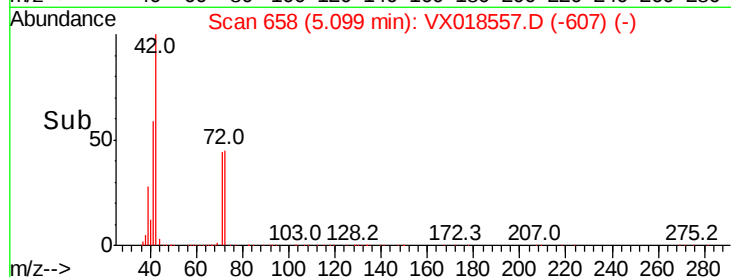
71 41.3 32.1 48.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 52.259 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX018557.D

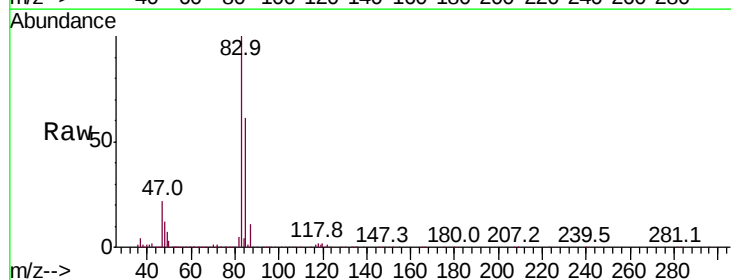
Acq: 23 Sep 2020 23:59

Tgt Ion: 83 Resp: 443253

Ion Ratio Lower Upper

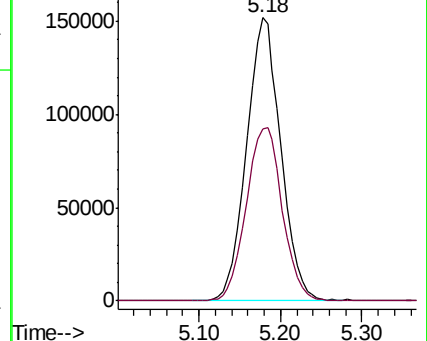
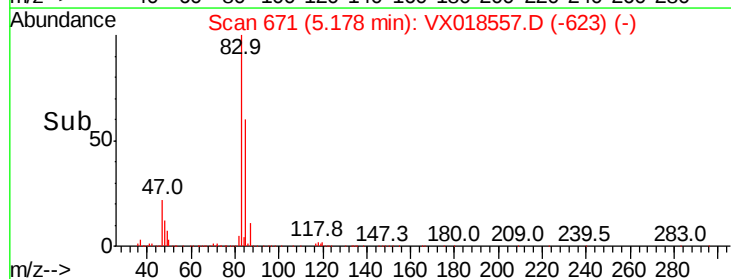
83 100

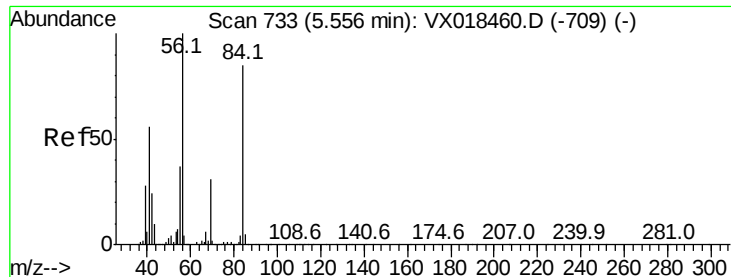
85 60.8 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

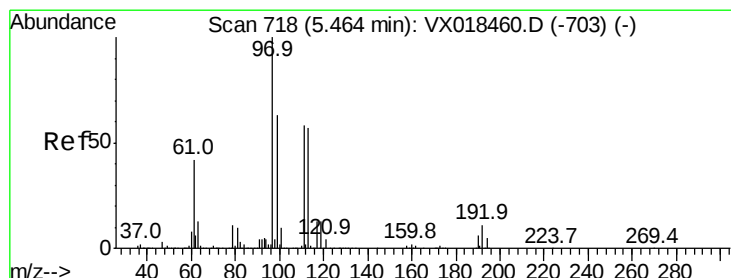
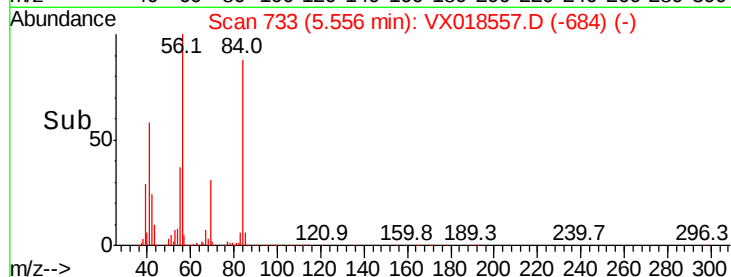
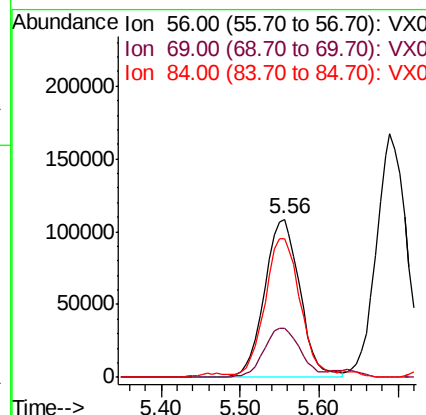
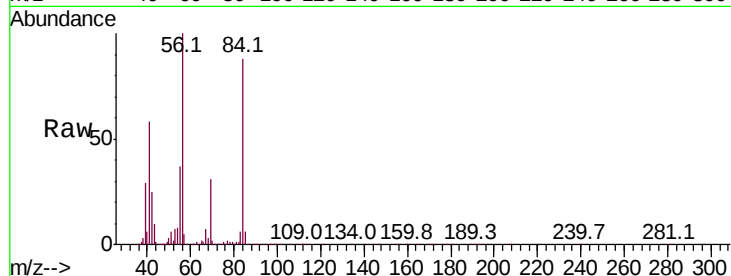




#31
Cyclohexane
Concen: 47.999 ug/l
RT: 5.56 min Scan# 733
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

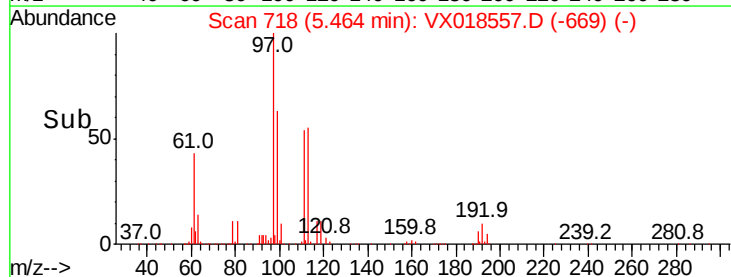
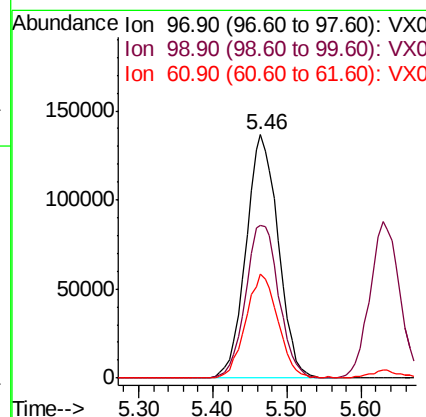
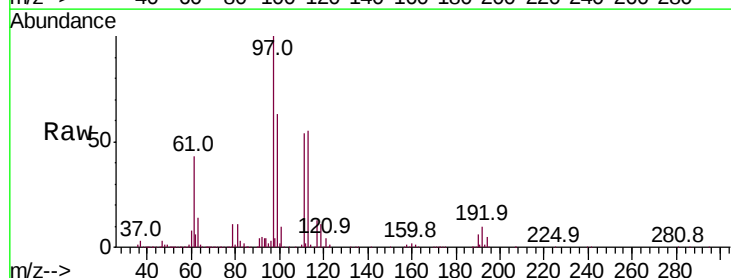
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

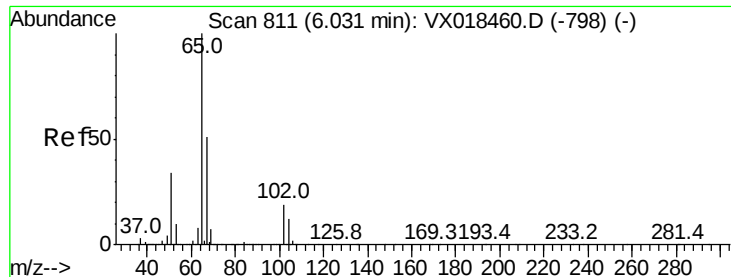
Tot Ion: 56 Resp: 337657
Ion Ratio Lower Upper
56 100
69 30.8 24.8 37.2
84 87.0 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 52.108 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Tgt Ion: 97 Resp: 414635
Ion Ratio Lower Upper
97 100
99 65.0 50.5 75.7
61 42.8 33.4 50.2





#33

1,2-Dichloroethane-d4

Concen: 48.580 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

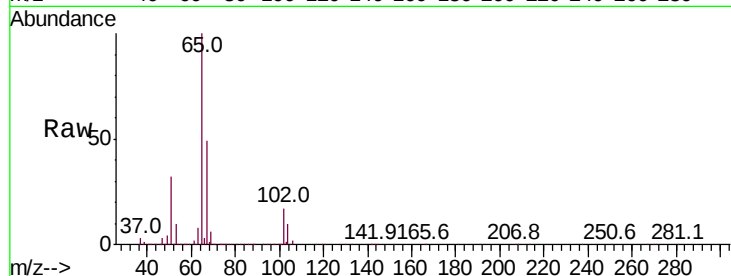
VSTDCCC050EC

Tot Ion: 65 Resp: 282396

Ion Ratio Lower Upper

65 100

67 50.4 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

120000

100000

80000

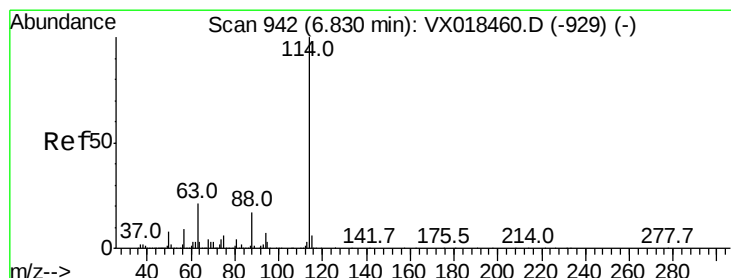
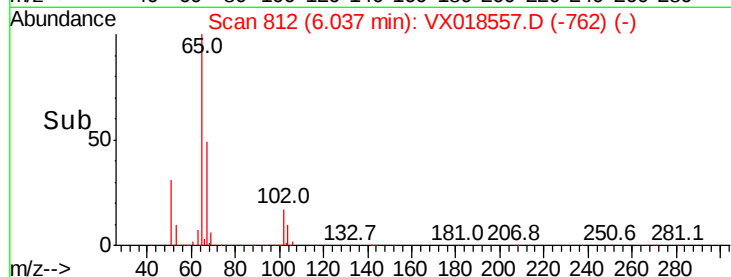
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

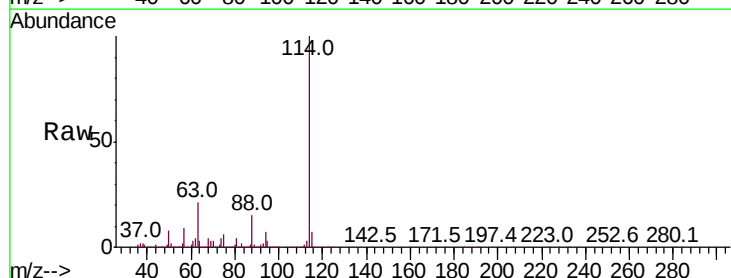
Tgt Ion: 114 Resp: 645403

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

88 15.2 0.0 33.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

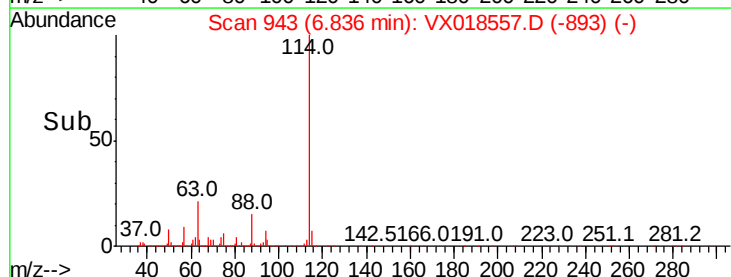
300000

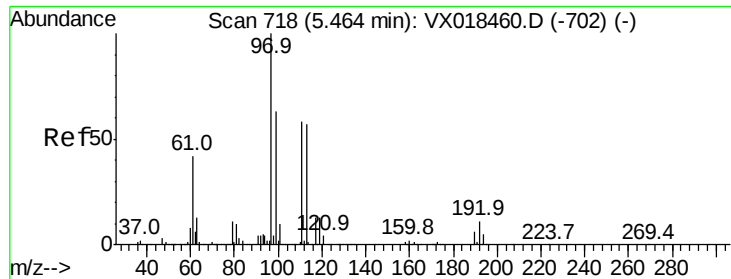
200000

100000

0

Time-->

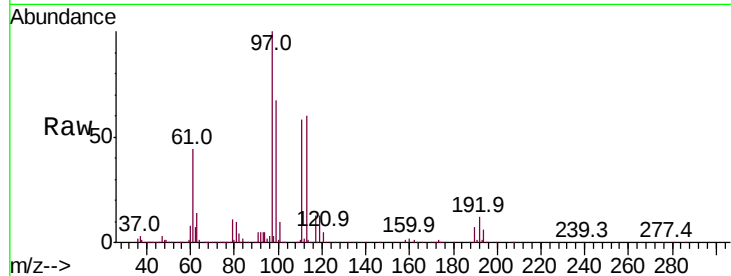




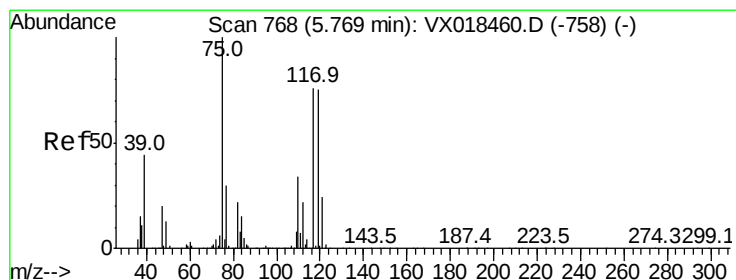
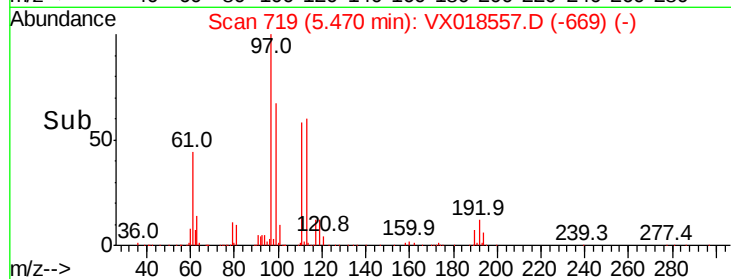
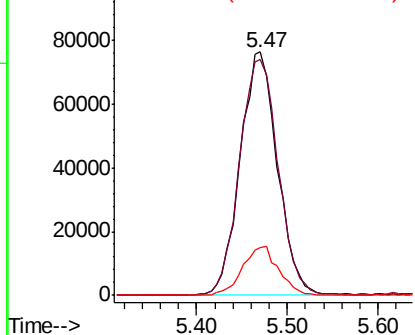
#35
Dibromofluoromethane
Concen: 48.696 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:113 Resp: 217270
Ion Ratio Lower Upper
113 100
111 101.2 81.4 122.2
192 19.5 16.6 24.8

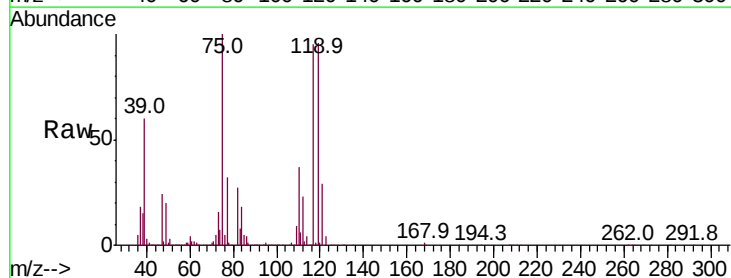


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

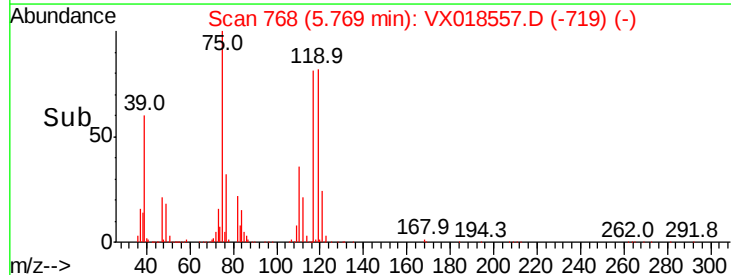
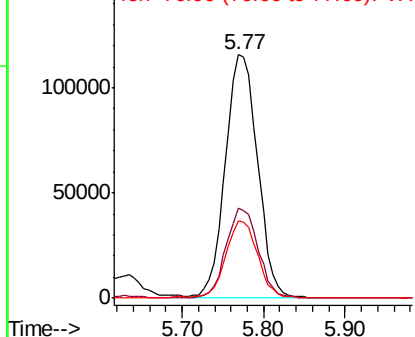


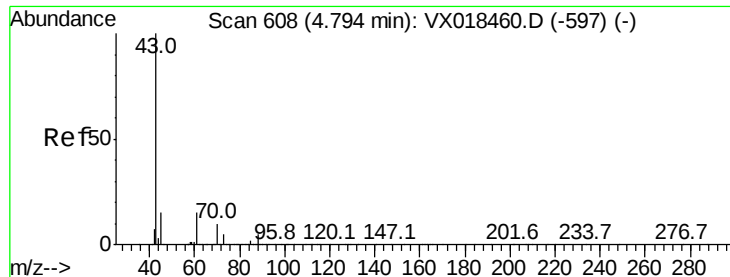
#36
1,1-Dichloropropene
Concen: 50.251 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Tgt Ion: 75 Resp: 314791
Ion Ratio Lower Upper
75 100
110 36.9 17.6 52.8
77 31.4 25.0 37.6



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

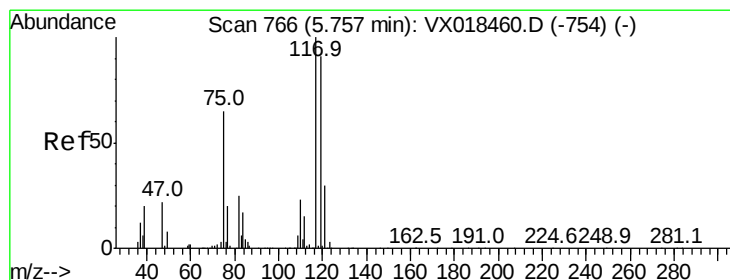
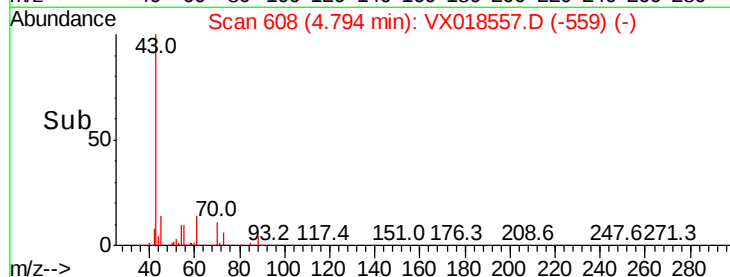
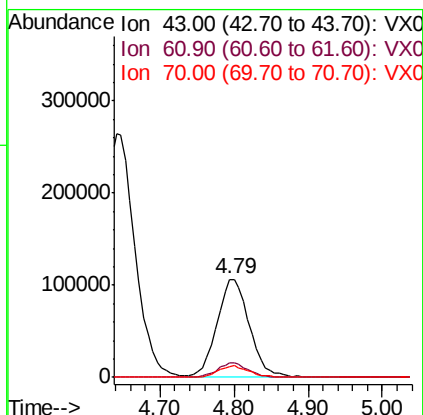
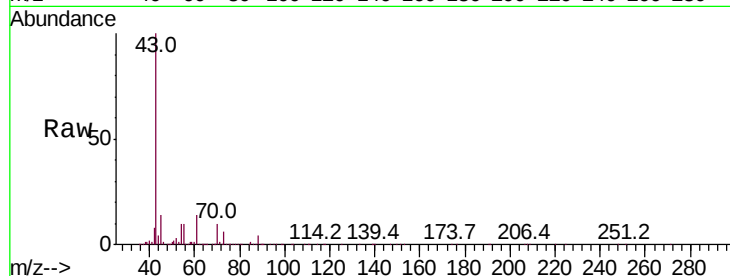




#37
Ethyl Acetate
Concen: 48.419 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

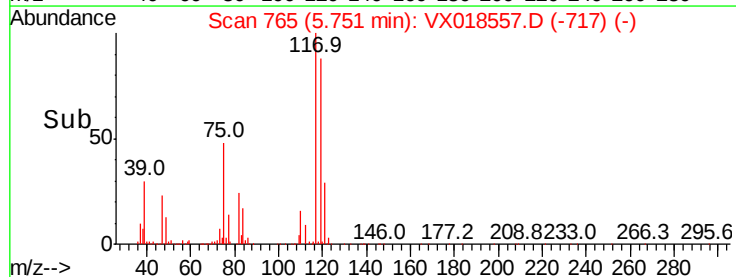
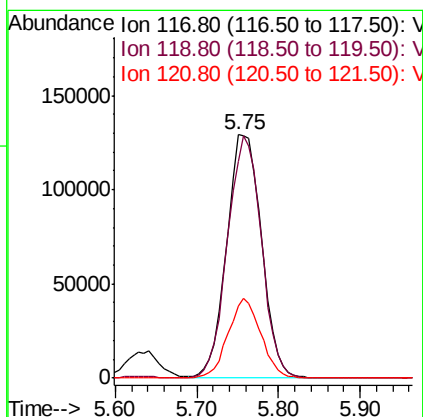
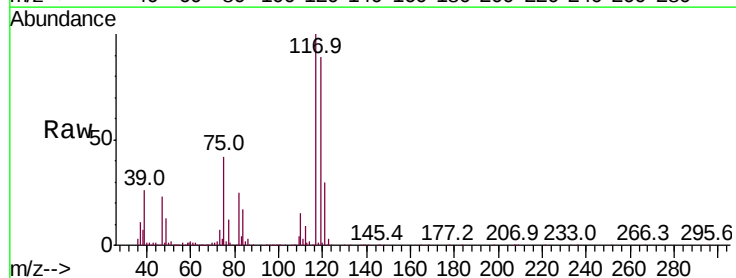
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

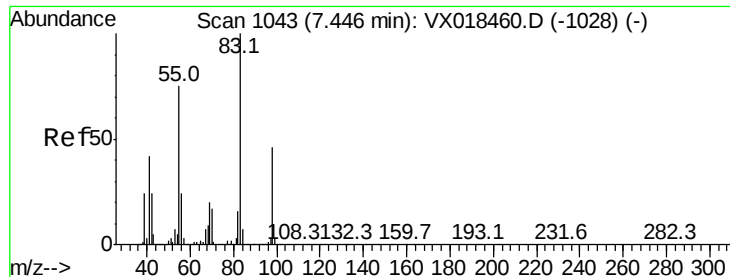
Tot Ion: 43 Resp: 323894
Ion Ratio Lower Upper
43 100
61 13.3 10.9 16.3
70 11.0 8.3 12.5



#38
Carbon Tetrachloride
Concen: 55.231 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Tgt Ion: 117 Resp: 383180
Ion Ratio Lower Upper
117 100
119 89.1 72.3 108.5
121 29.5 23.8 35.8





#39

Methvlcvclohexane

Concen: 49.172 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

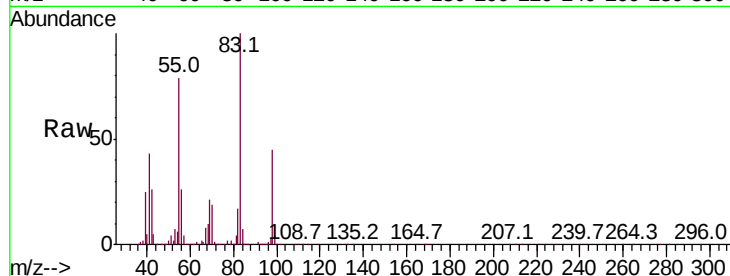
Tot Ion: 83 Resp: 346062

Ion Ratio Lower Upper

83 100

55 79.1 60.2 90.4

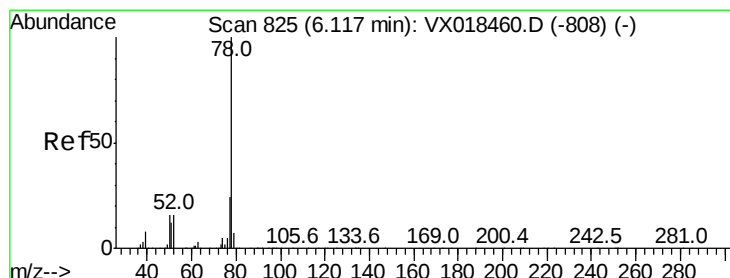
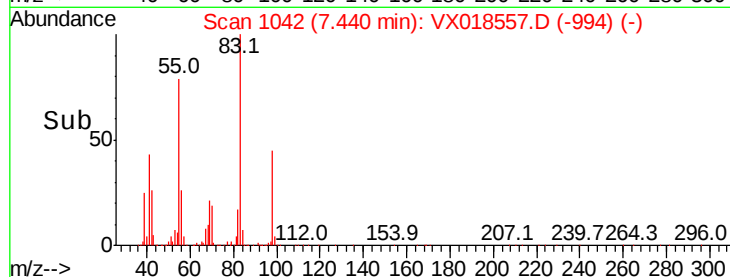
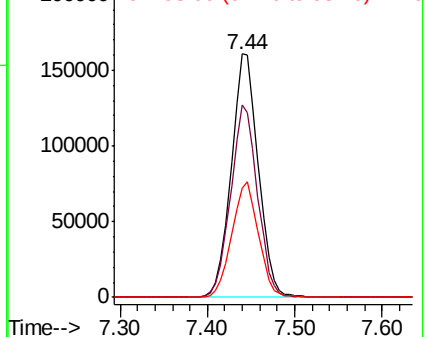
98 44.9 36.4 54.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 50.277 ug/l

RT: 6.12 min Scan# 825

Delta R.T. -0.00 min

Lab File: VX018557.D

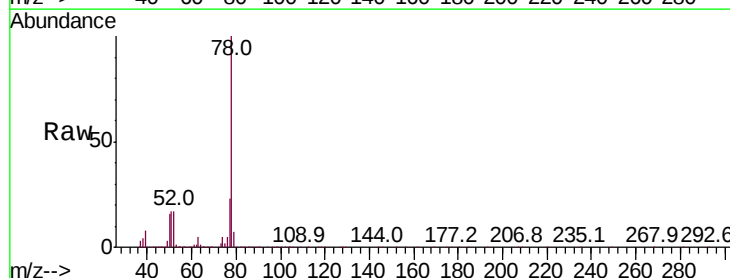
Acq: 23 Sep 2020 23:59

Tgt Ion: 78 Resp: 902596

Ion Ratio Lower Upper

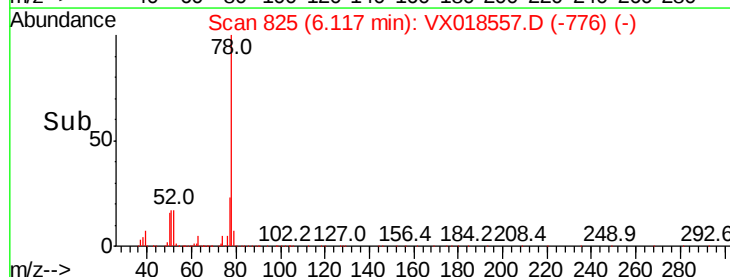
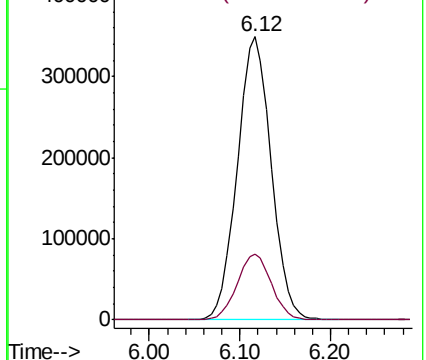
78 100

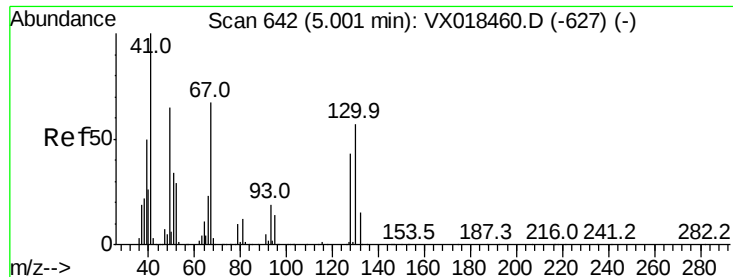
77 23.0 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

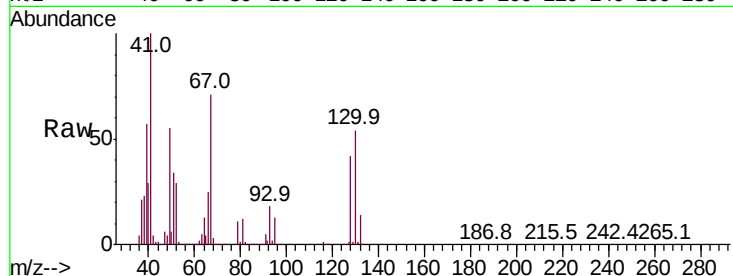




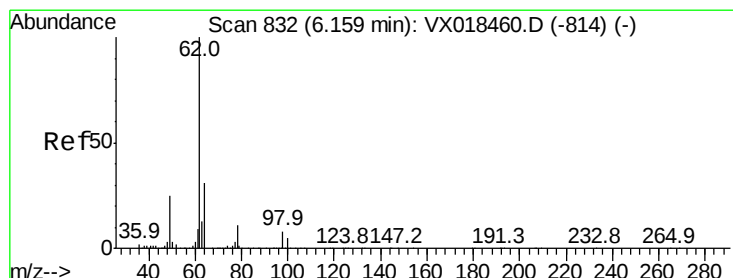
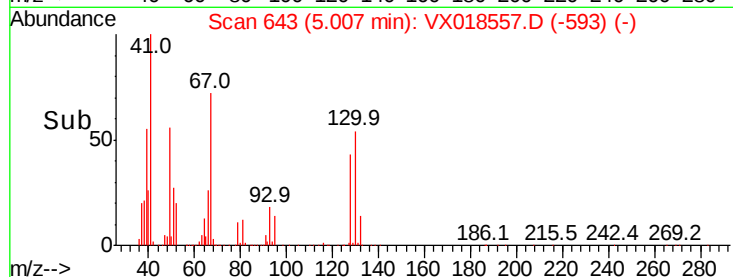
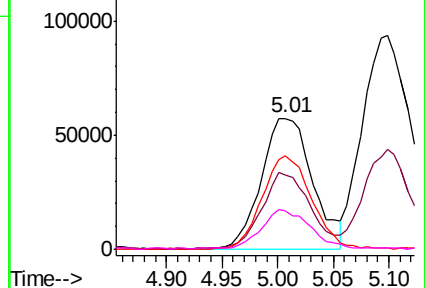
#41
Methacrylonitrile
Concen: 49.195 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	182859
Ion	Ratio	Lower	Upper
41	100		
39	56.1	45.3	67.9
67	69.0	56.7	85.1
52	28.2	23.4	35.0

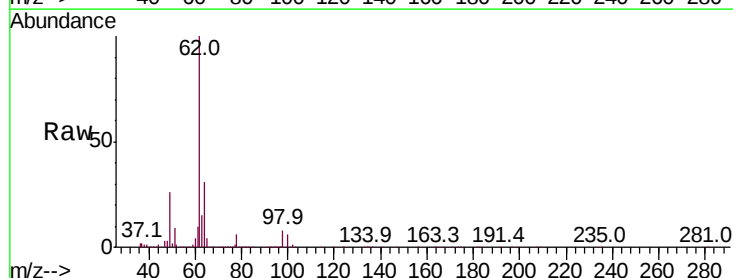


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

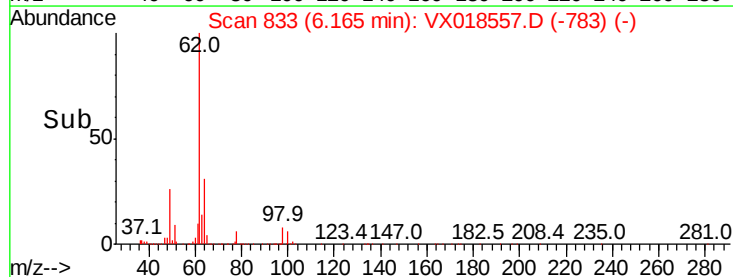
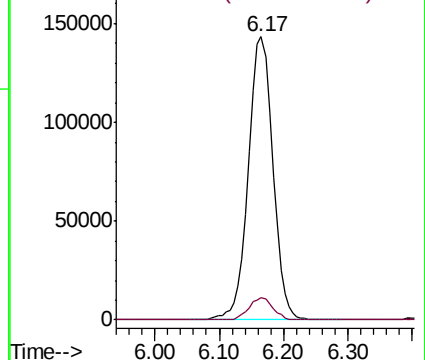


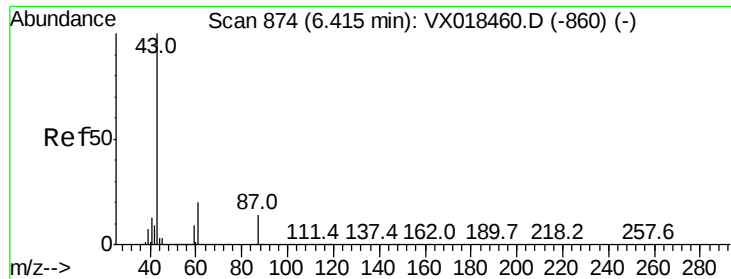
#42
1,2-Dichloroethane
Concen: 53.626 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Tgt Ion:	62	Resp:	374536
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	16.6



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





#43

Isopropyl Acetate

Concen: 48.906 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

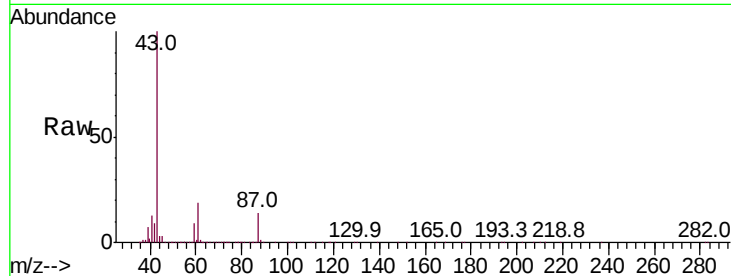
Tot Ion: 43 Resp: 542882

Ion Ratio Lower Upper

43 100

61 19.1 15.7 23.5

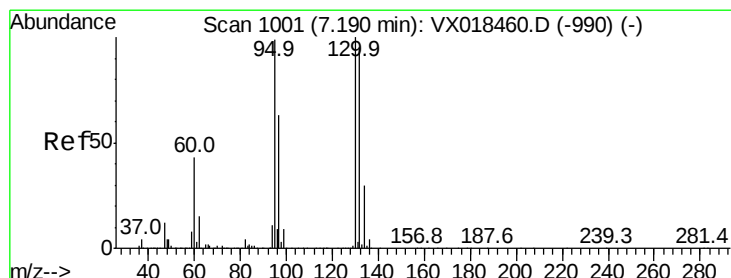
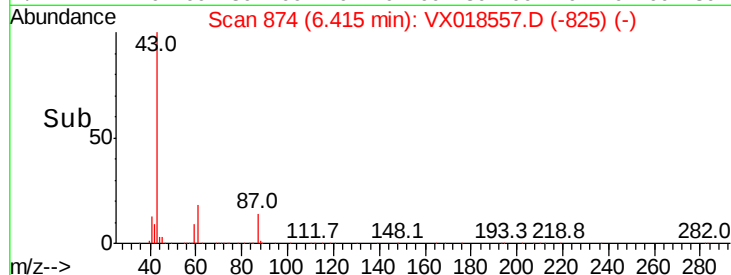
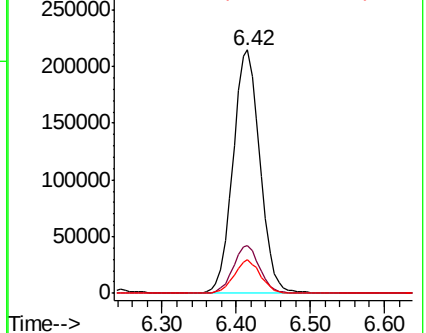
87 13.4 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 50.208 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018557.D

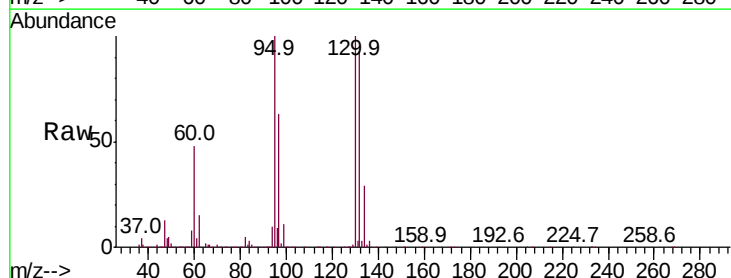
Acq: 23 Sep 2020 23:59

Tgt Ion:130 Resp: 260931

Ion Ratio Lower Upper

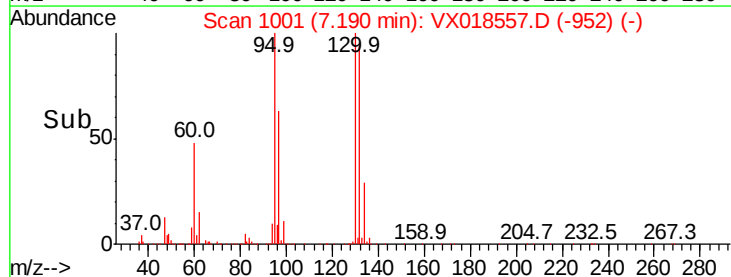
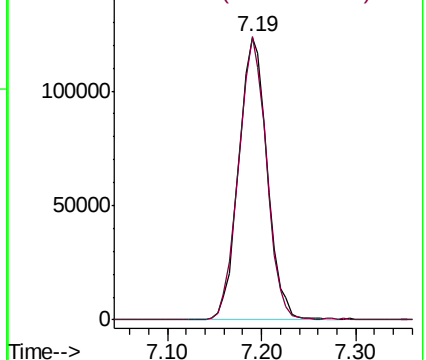
130 100

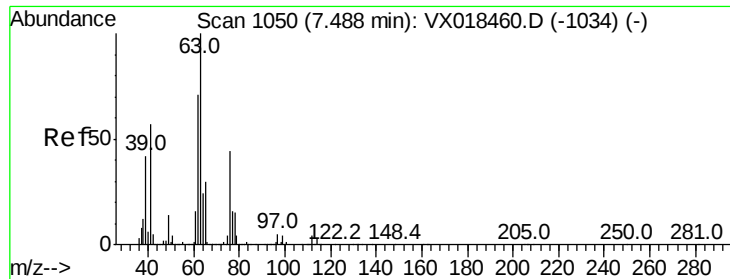
95 100.1 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 48.532 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

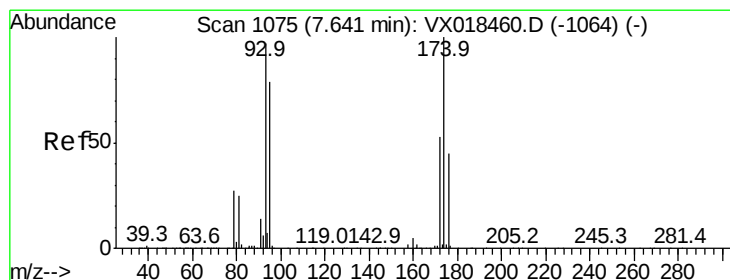
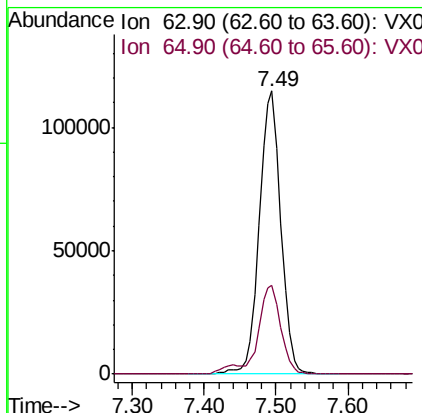
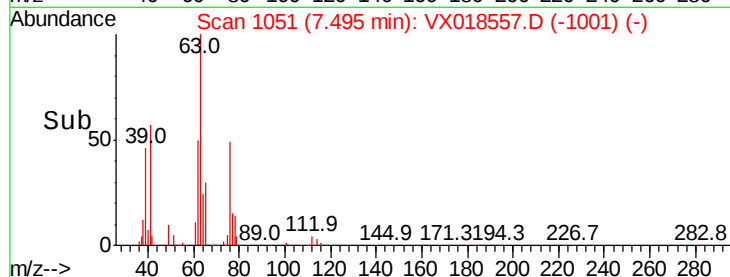
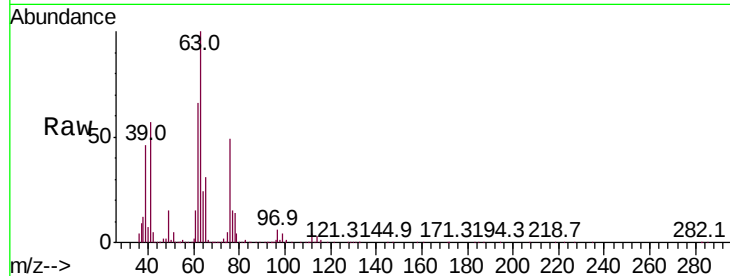
Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 63 Resp: 239142

Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.1	36.1



#46

Dibromomethane

Concen: 50.765 ug/l

RT: 7.64 min Scan# 1075

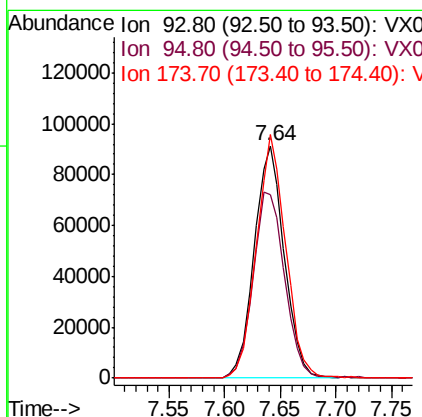
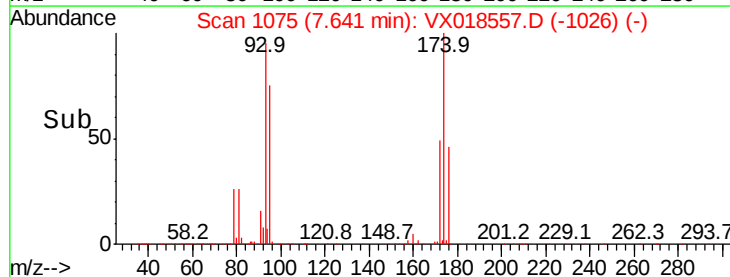
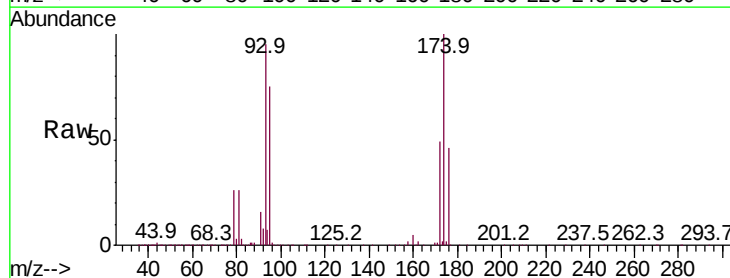
Delta R.T. -0.00 min

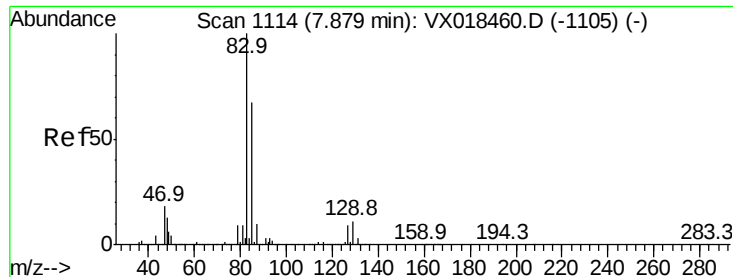
Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Tgt Ion: 93 Resp: 171858

Ion	Ratio	Lower	Upper
93	100		
95	84.1	65.0	97.4
174	102.2	82.0	123.0





#47

Bromodichloromethane

Concen: 52.554 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

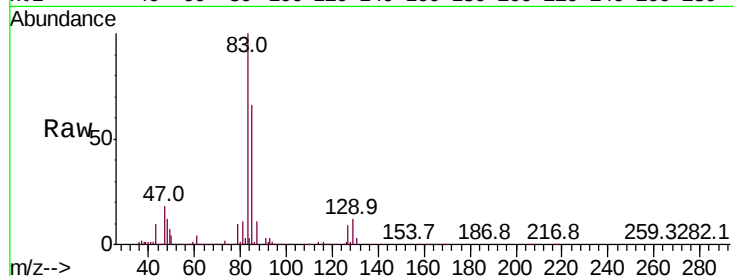
Tot Ion: 83 Resp: 358558

Ion Ratio Lower Upper

83 100

85 65.5 53.3 79.9

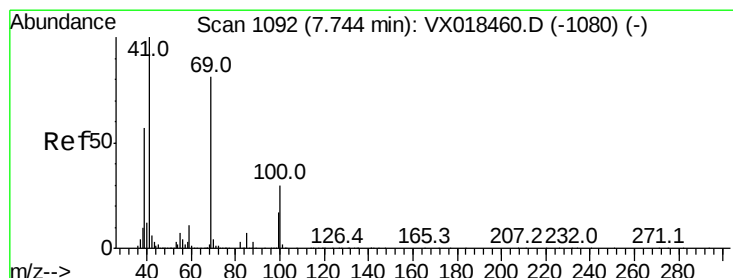
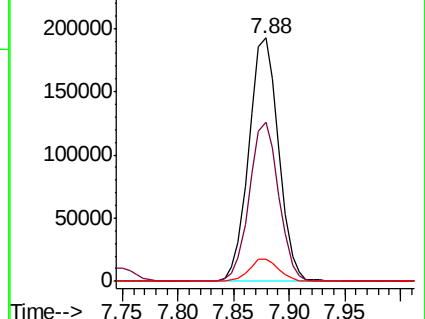
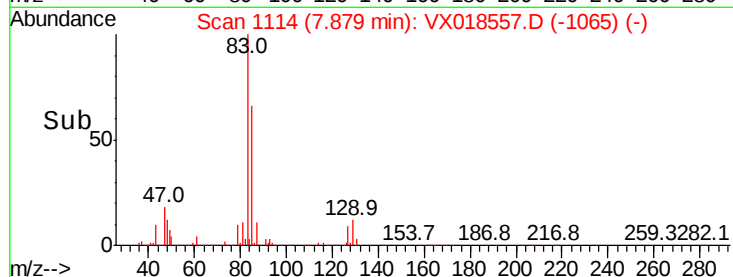
127 9.3 7.4 11.2



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: 49.786 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

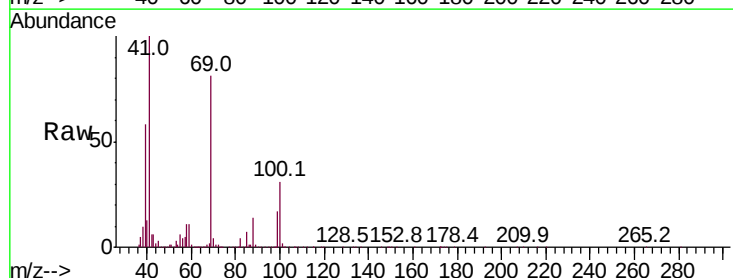
Tgt Ion: 41 Resp: 268996

Ion Ratio Lower Upper

41 100

69 80.5 63.7 95.5

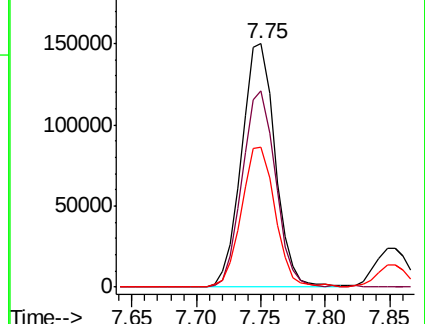
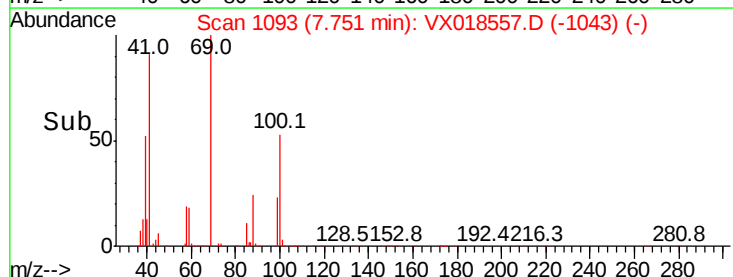
39 57.9 45.0 67.4

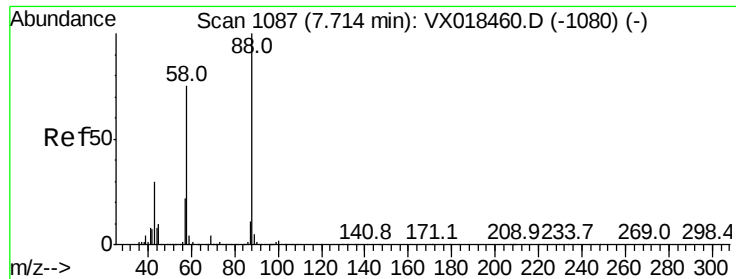


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 750.978 ug/l

RT: 7.76 min Scan# 1094

Delta R.T. 0.04 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

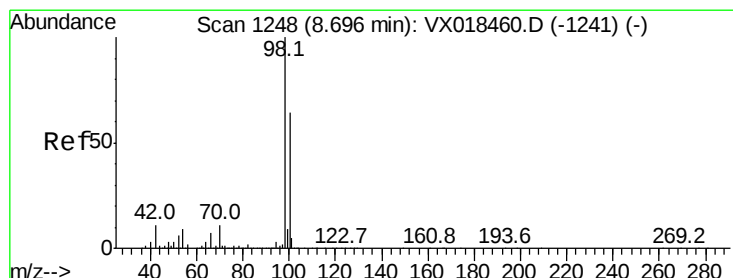
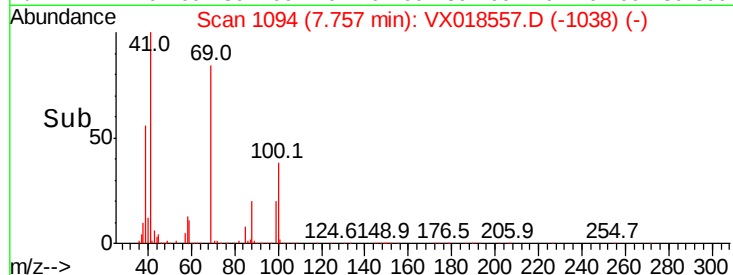
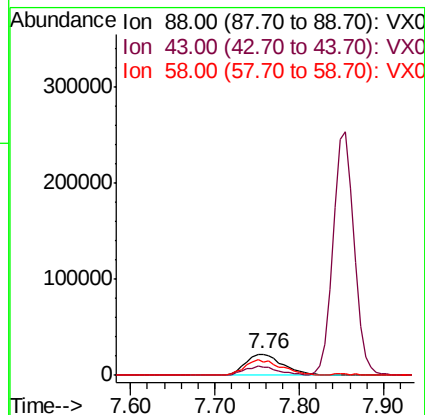
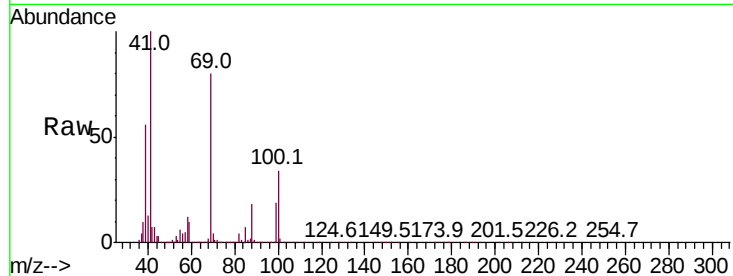
Tot Ion: 88 Resp: 67045

Ion Ratio Lower Upper

88 100

43 37.0 29.9 44.9

58 70.4 59.0 88.6



#50

Toluene-d8

Concen: 47.519 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018557.D

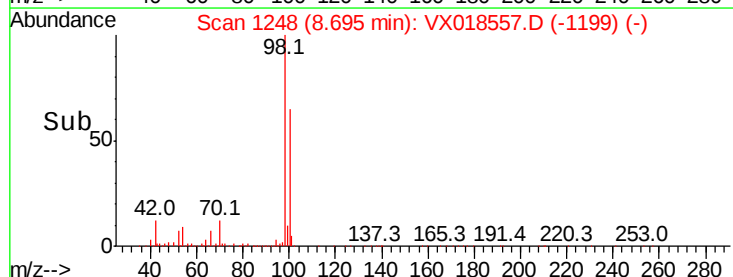
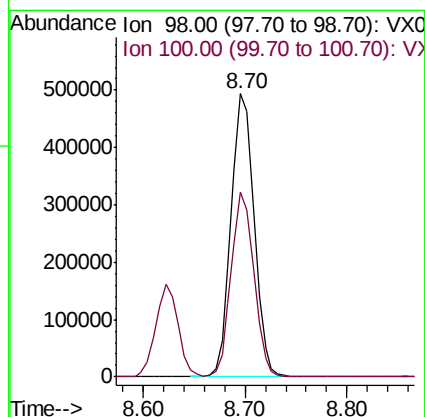
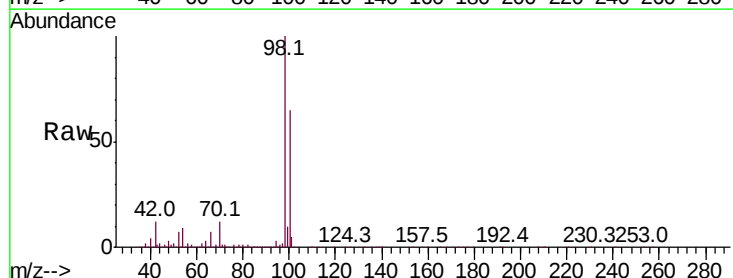
Acq: 23 Sep 2020 23:59

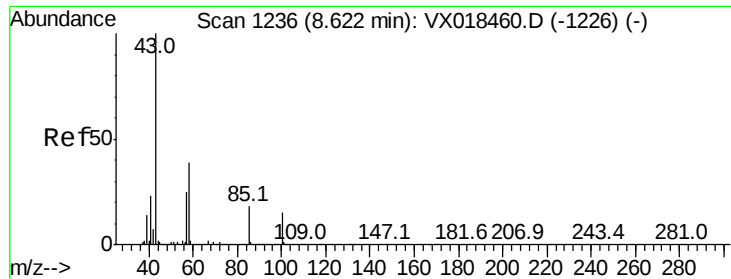
Tgt Ion: 98 Resp: 770331

Ion Ratio Lower Upper

98 100

100 64.7 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 246.616 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

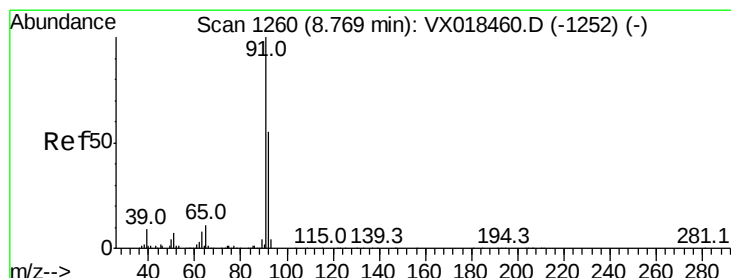
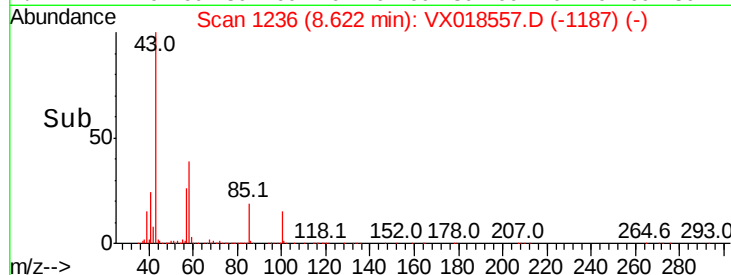
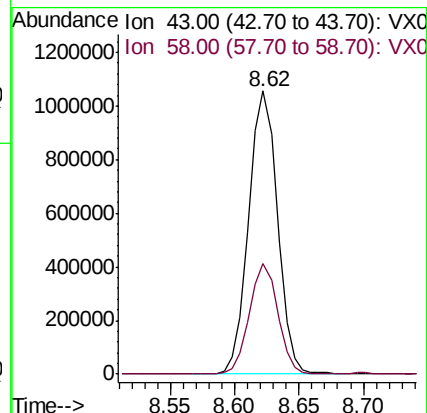
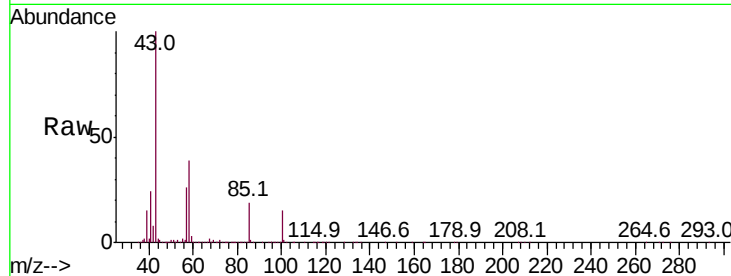
VSTDCCC050EC

Tot Ion: 43 Resp: 1629998

Ion Ratio Lower Upper

43 100

58 38.5 30.9 46.3



#52

Toluene

Concen: 51.146 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018557.D

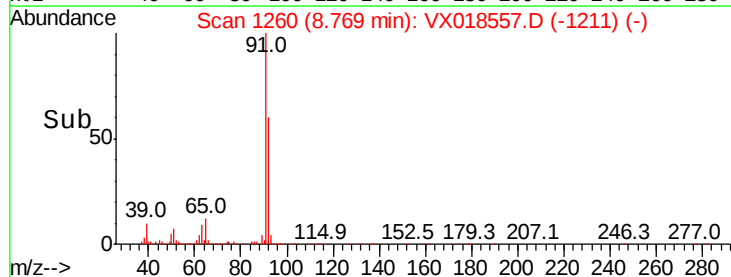
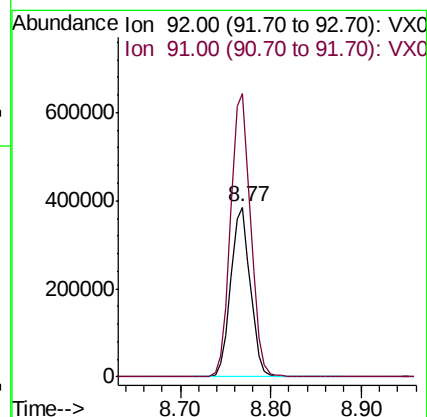
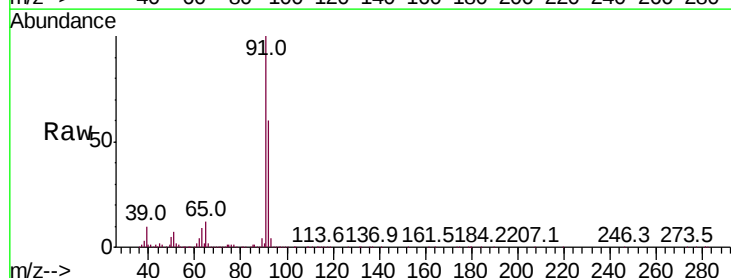
Acq: 23 Sep 2020 23:59

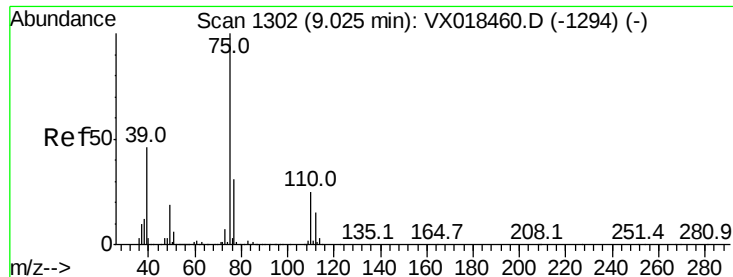
Tgt Ion: 92 Resp: 577806

Ion Ratio Lower Upper

92 100

91 170.8 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 49.850 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

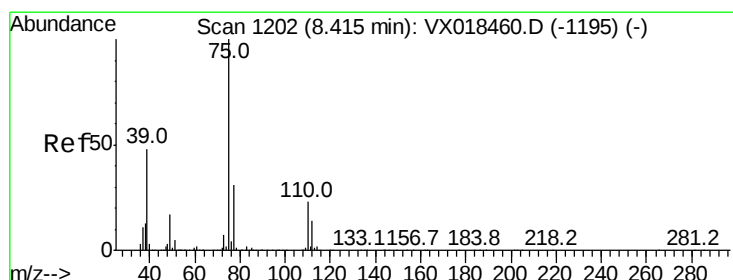
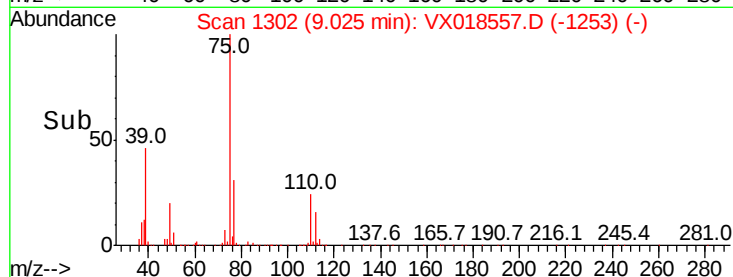
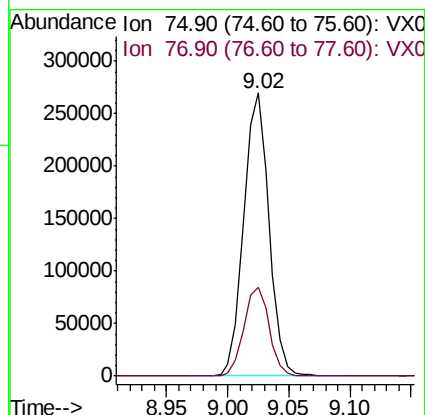
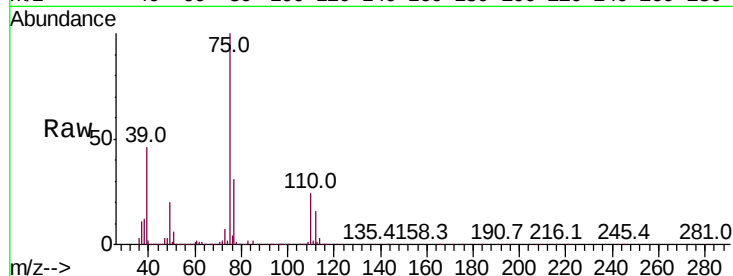
VSTDCCC050EC

Tot Ion: 75 Resp: 386460

Ion Ratio Lower Upper

75 100

77 31.2 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 50.321 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

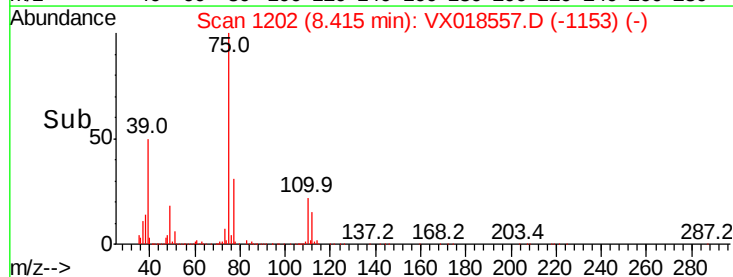
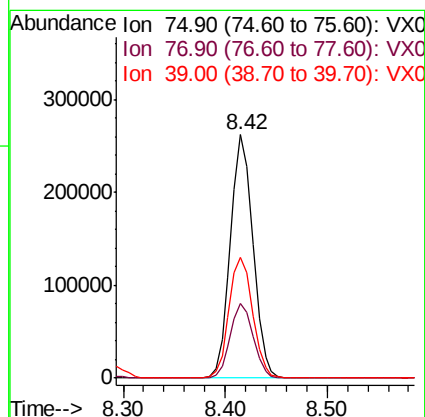
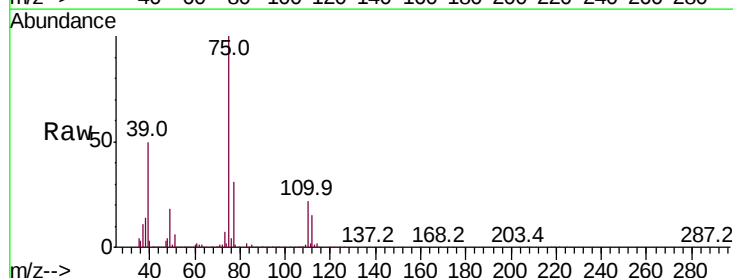
Tgt Ion: 75 Resp: 401892

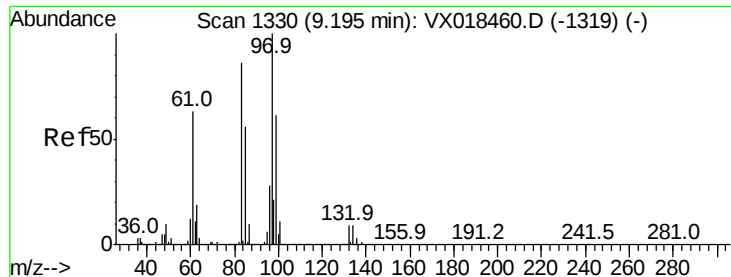
Ion Ratio Lower Upper

75 100

77 30.8 24.8 37.2

39 49.5 38.6 58.0

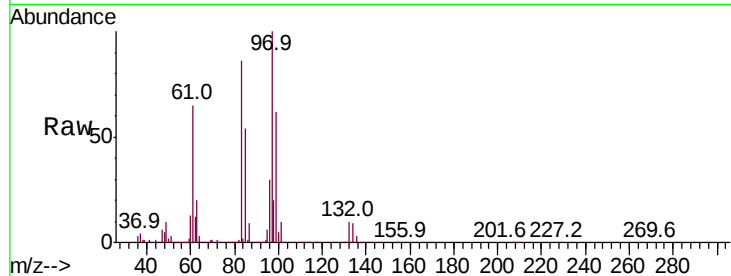




#55
1,1,2-Trichloroethane
Concen: 51.220 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	97	Resp:	240104
Ion	Ratio	Lower	Upper
97	100		
83	85.5	68.5	102.7
85	54.3	44.8	67.2
99	62.2	48.9	73.3



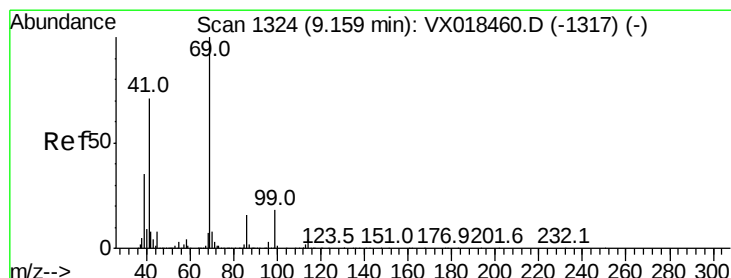
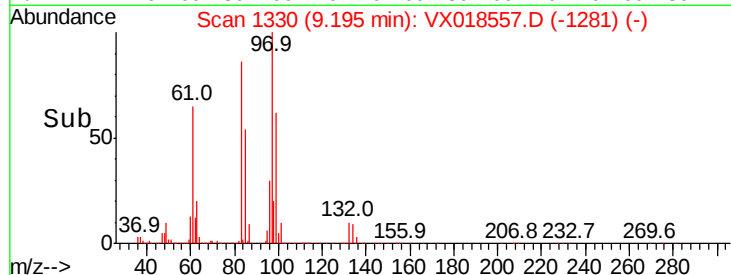
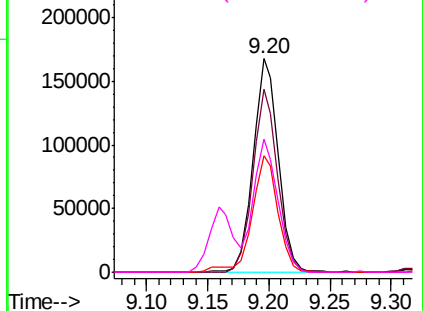
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

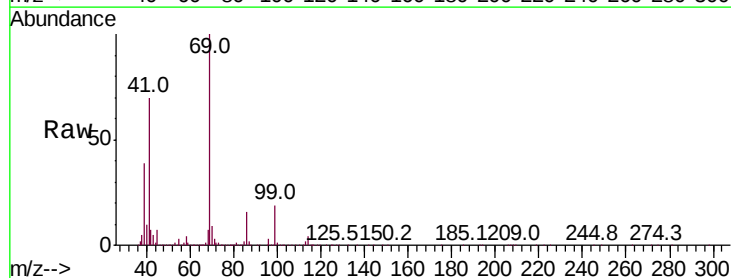
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
Ethyl methacrylate
Concen: 51.062 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Tgt Ion:	69	Resp:	354920
Ion	Ratio	Lower	Upper
69	100		
41	68.4	54.6	81.8
39	38.5	29.3	43.9

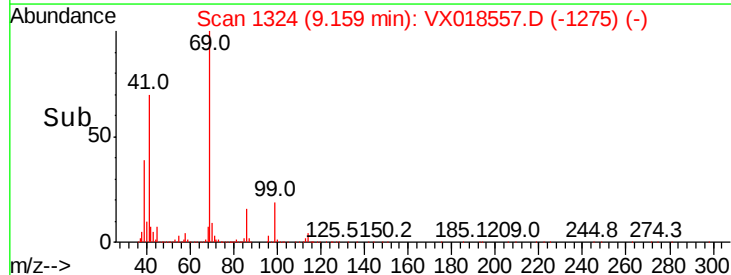
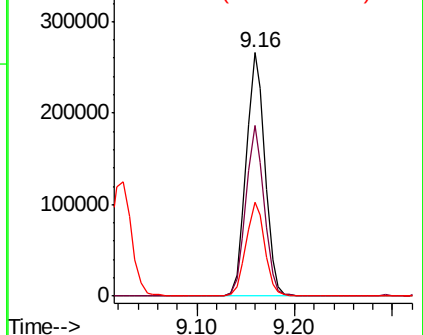


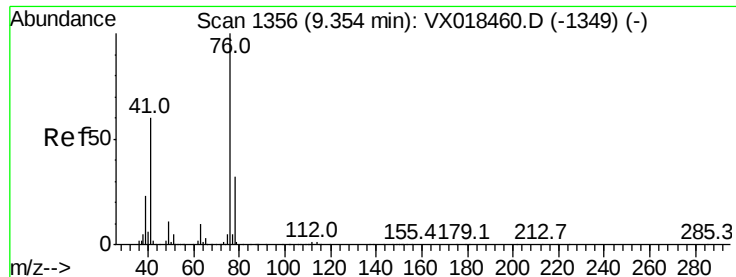
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.887 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

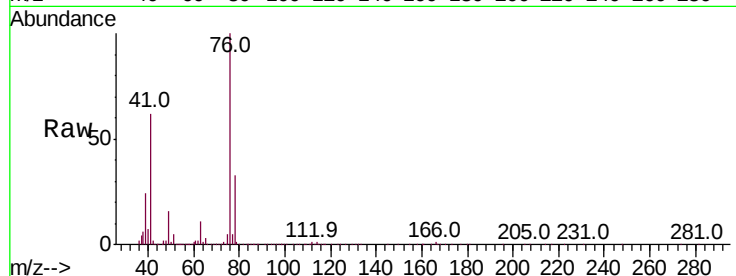
VSTDCCC050EC

Tot Ion: 76 Resp: 400784

Ion Ratio Lower Upper

76 100

78 32.2 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

300000

250000

200000

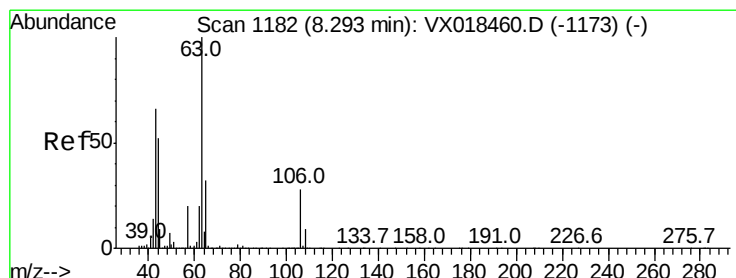
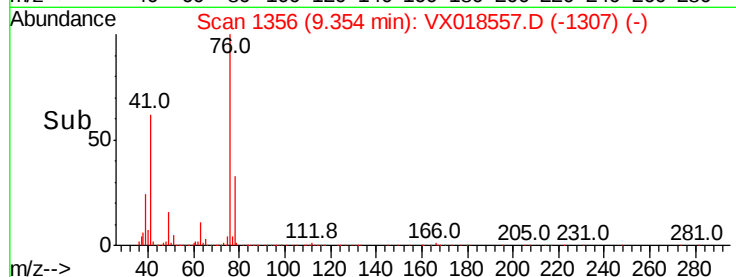
150000

100000

50000

0

Time--> 9.25 9.30 9.35 9.40 9.45



#58

2-Chloroethyl Vinyl ether

Concen: 238.713 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018557.D

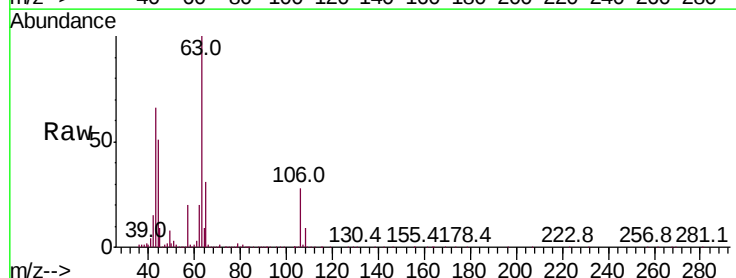
Acq: 23 Sep 2020 23:59

Tgt Ion: 63 Resp: 882163

Ion Ratio Lower Upper

63 100

106 28.3 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

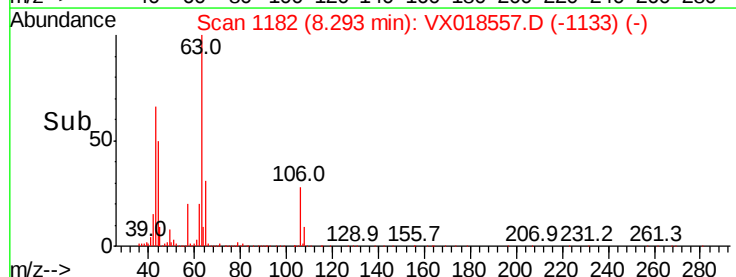
600000

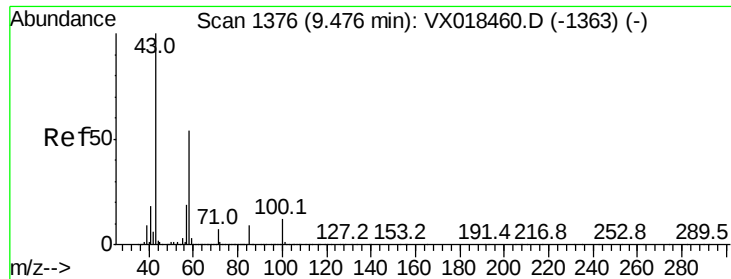
400000

200000

0

Time--> 8.20 8.30 8.40

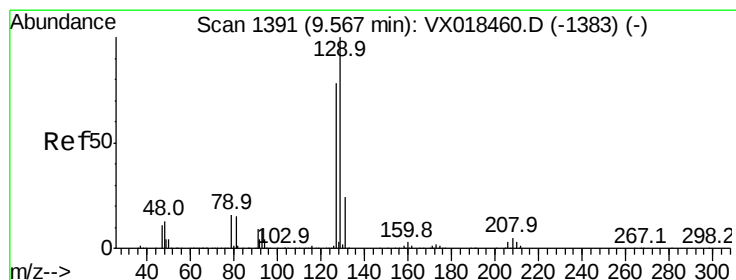
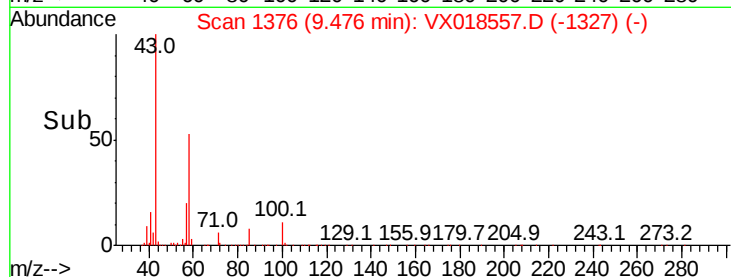
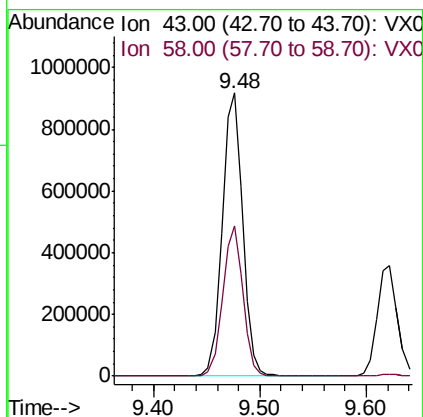
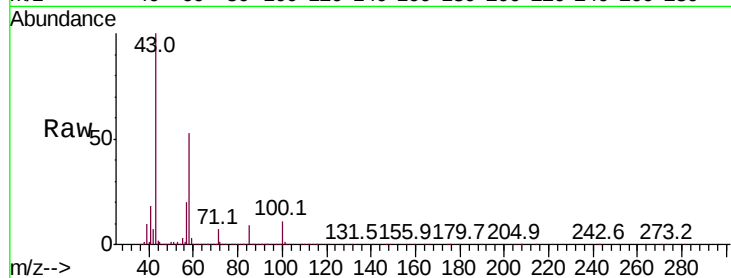




#59
2-Hexanone
Concen: 244.196 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

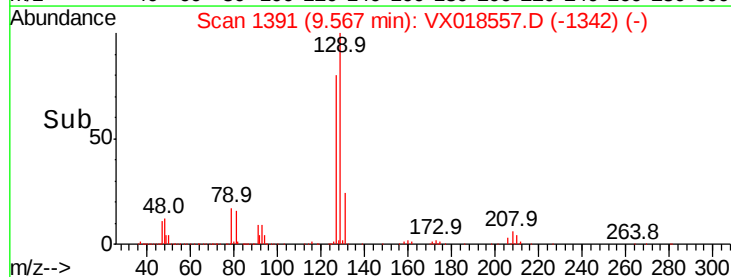
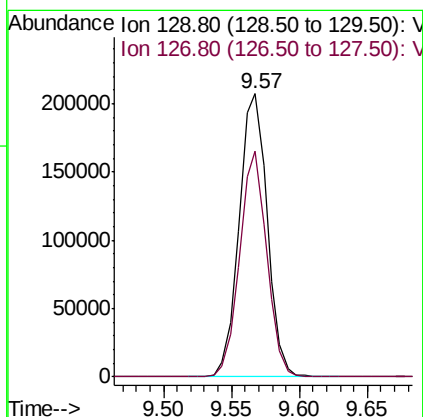
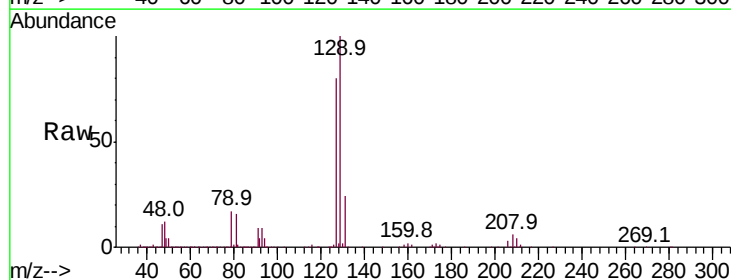
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

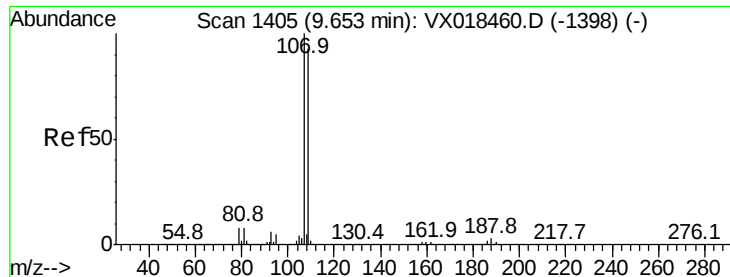
Tot Ion: 43 Resp: 1227626
Ion Ratio Lower Upper
43 100
58 52.5 26.5 79.4



#60
Dibromochloromethane
Concen: 53.468 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Tgt Ion: 129 Resp: 298870
Ion Ratio Lower Upper
129 100
127 77.0 39.0 117.0





#61

1,2-Dibromoethane

Concen: 51.474 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

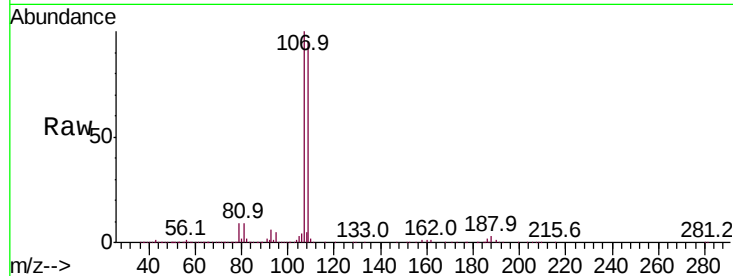
VSTDCCC050EC

Tot Ion:107 Resp: 256735

Ion Ratio Lower Upper

107 100

109 94.9 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

200000

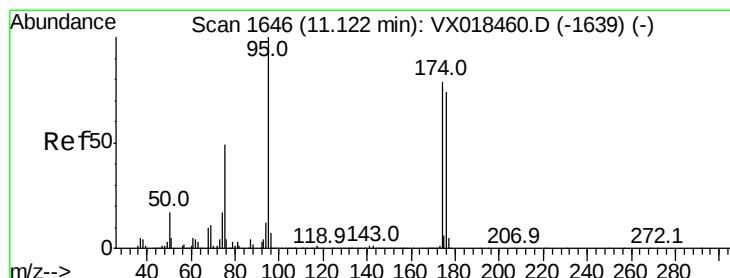
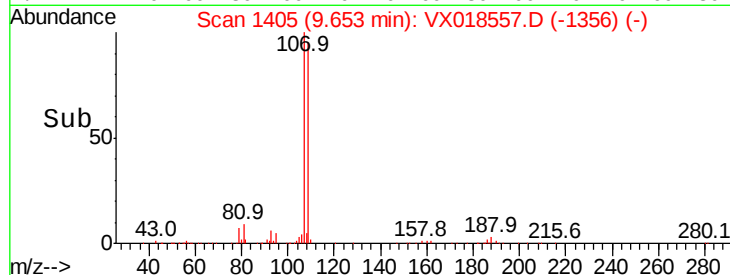
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.877 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

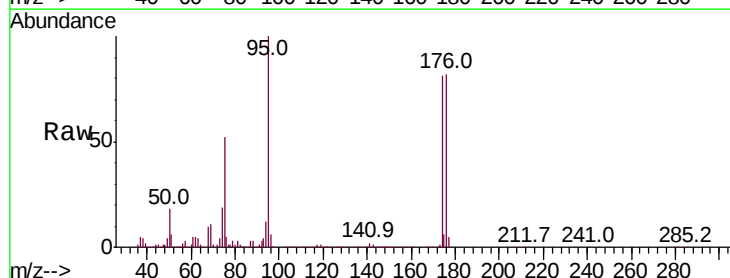
Tgt Ion: 95 Resp: 295831

Ion Ratio Lower Upper

95 100

174 81.3 0.0 161.4

176 77.0 0.0 151.4



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

300000

250000

200000

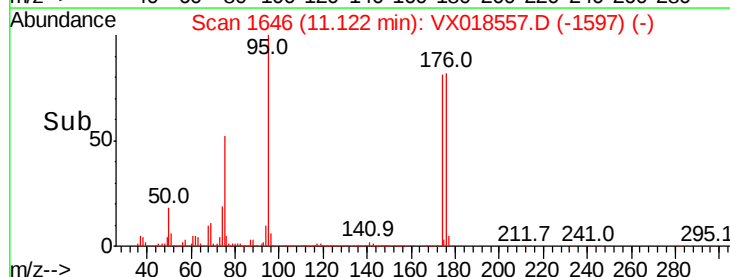
150000

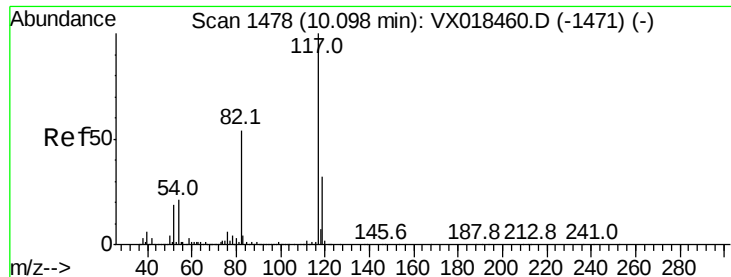
100000

50000

0

Time-->

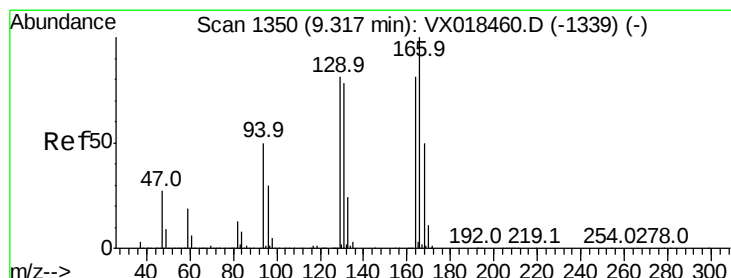
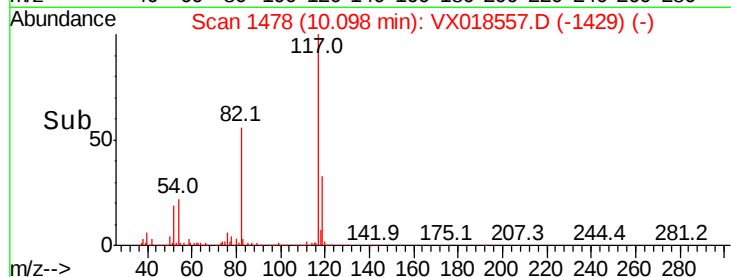
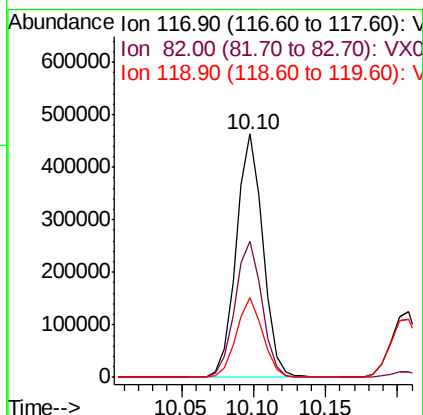
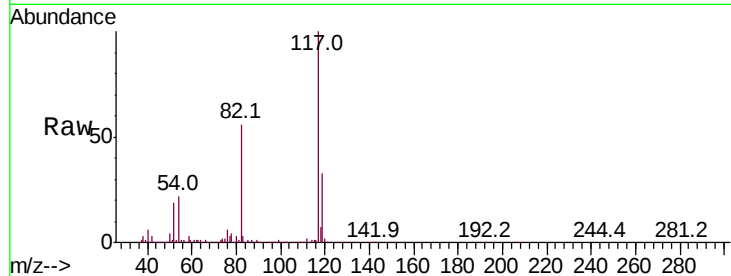




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

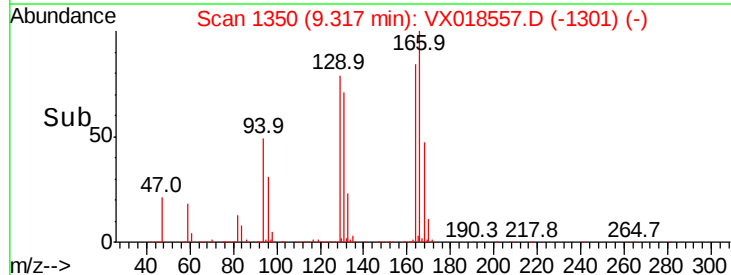
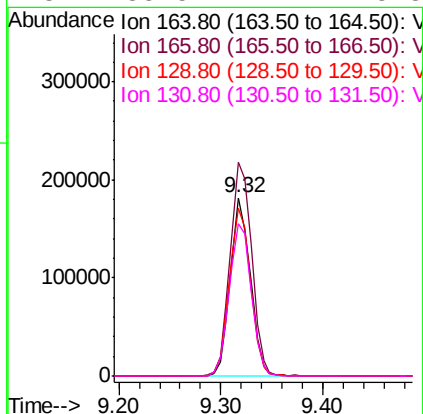
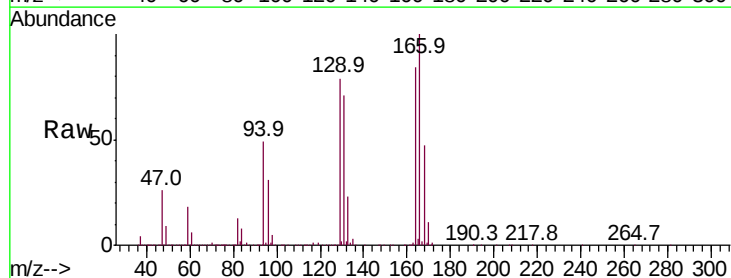
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

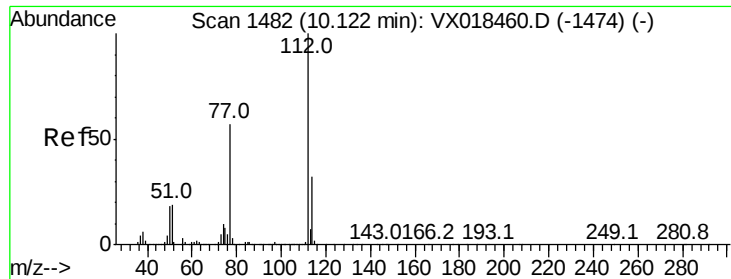
Tot Ion:117 Resp: 598586
Ion Ratio Lower Upper
117 100
82 55.7 43.3 64.9
119 32.6 25.9 38.9



#64
Tetrachloroethene
Concen: 52.340 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Tgt Ion:164 Resp: 246656
Ion Ratio Lower Upper
164 100
166 119.7 99.3 148.9
129 94.1 80.7 121.1
131 85.5 77.2 115.8

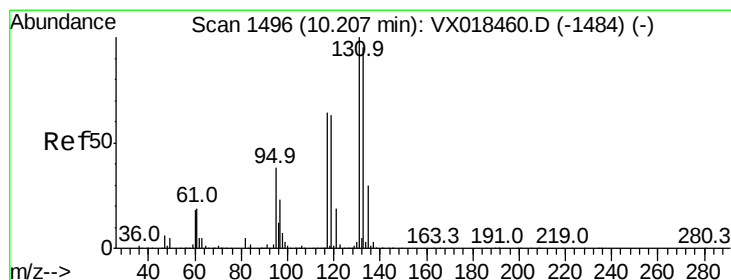
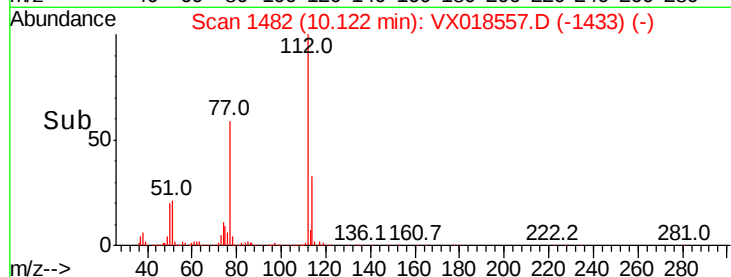
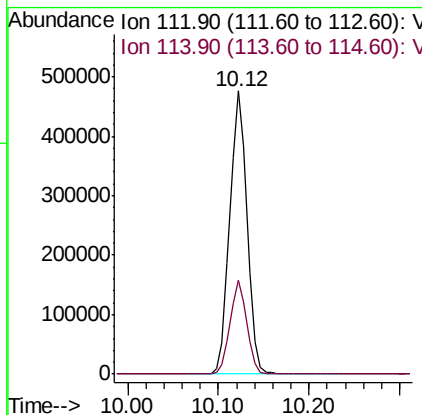
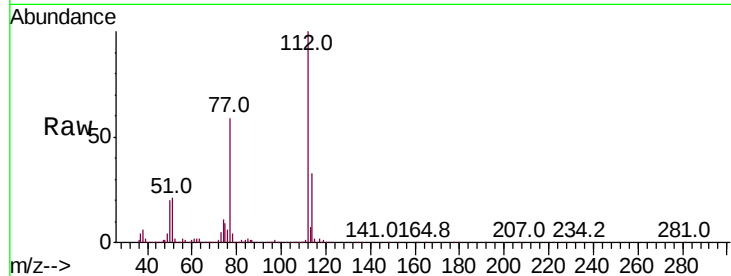




#65
Chlorobenzene
Concen: 51.198 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

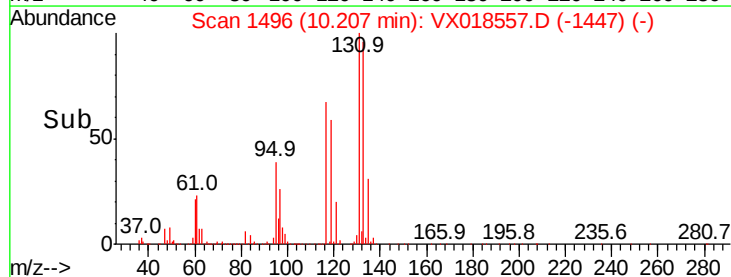
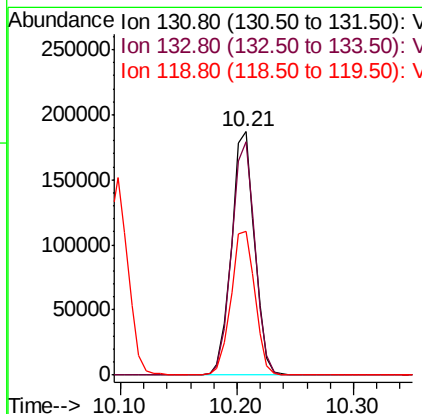
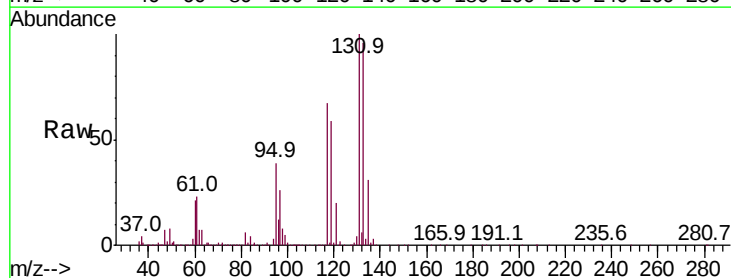
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

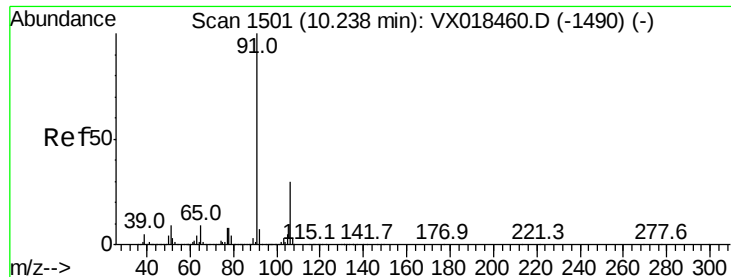
Tot Ion:112 Resp: 631050
Ion Ratio Lower Upper
112 100
114 33.0 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 52.278 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Tgt Ion:131 Resp: 258493
Ion Ratio Lower Upper
131 100
133 97.3 47.8 143.4
119 61.5 31.9 95.7





#67

Ethyl Benzene

Concen: 52.661 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

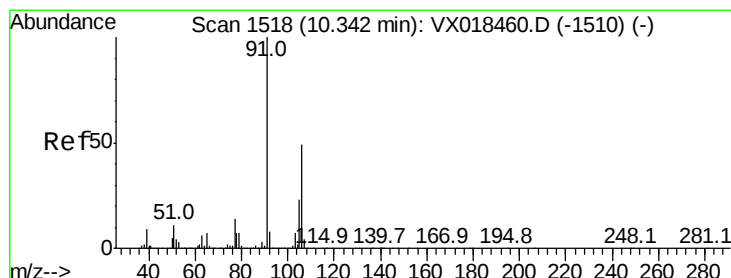
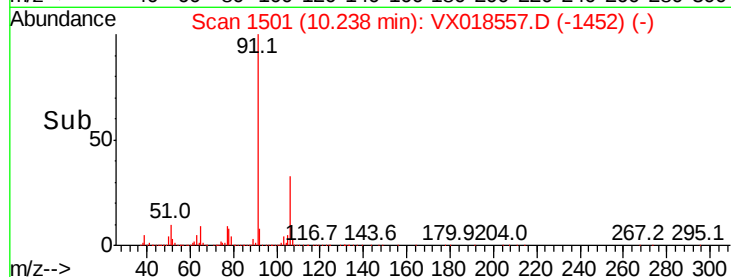
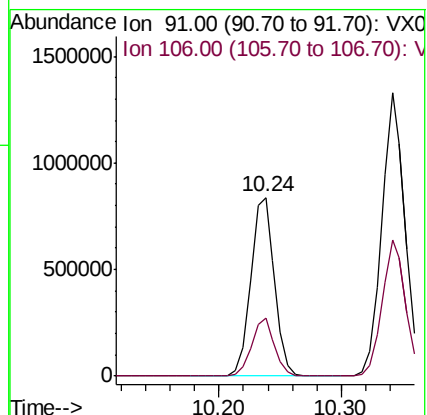
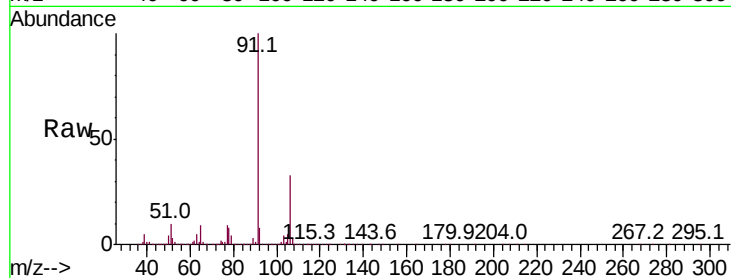
VSTDCCC050EC

Tot Ion: 91 Resp: 1123486

Ion Ratio Lower Upper

91 100

106 32.6 24.1 36.1



#68

m/p-Xylenes

Concen: 105.339 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018557.D

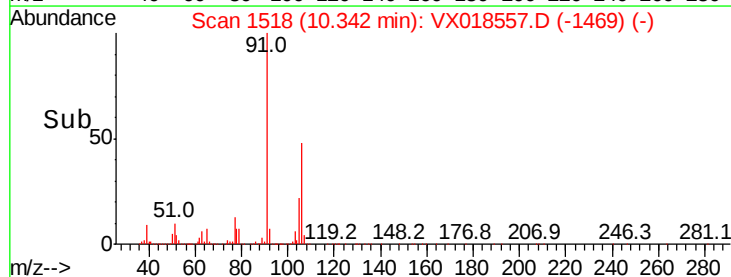
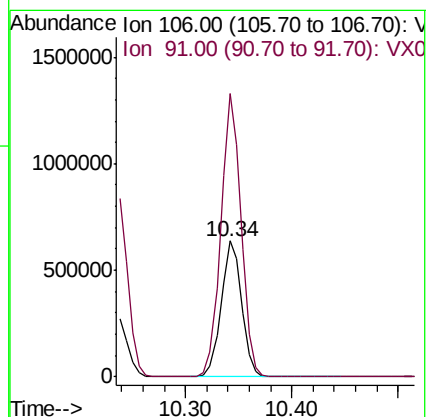
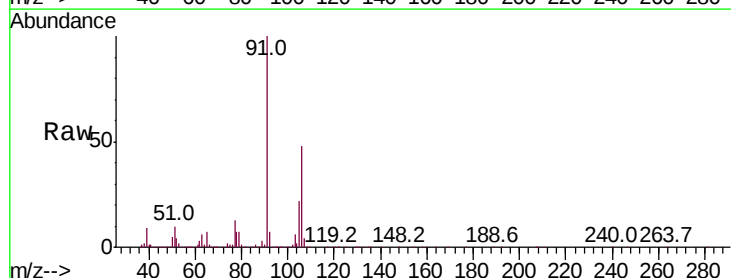
Acq: 23 Sep 2020 23:59

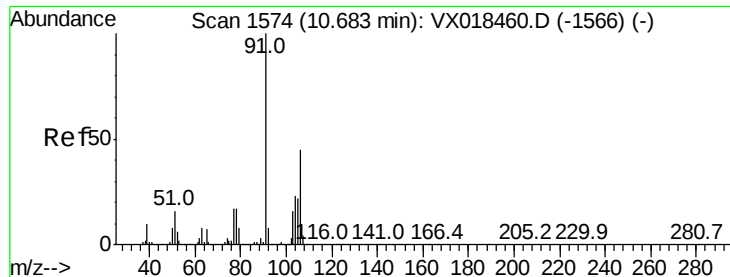
Tgt Ion: 106 Resp: 850133

Ion Ratio Lower Upper

106 100

91 205.2 163.8 245.6

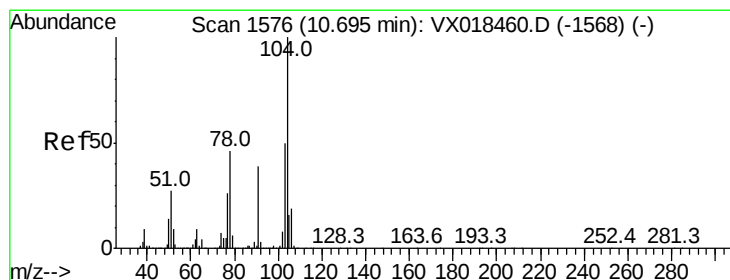
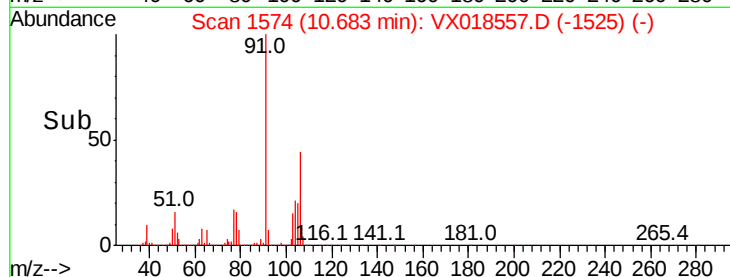
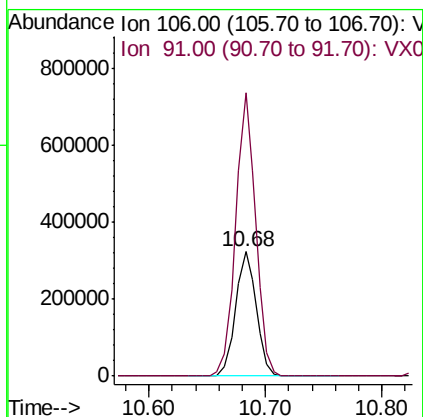
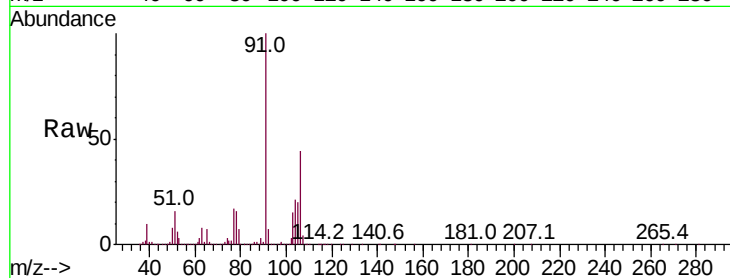




#69
o-Xylene
Concen: 52.414 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

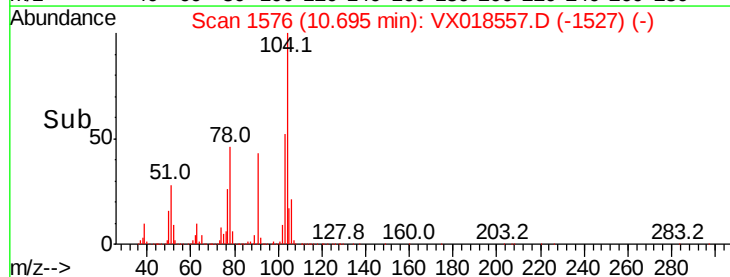
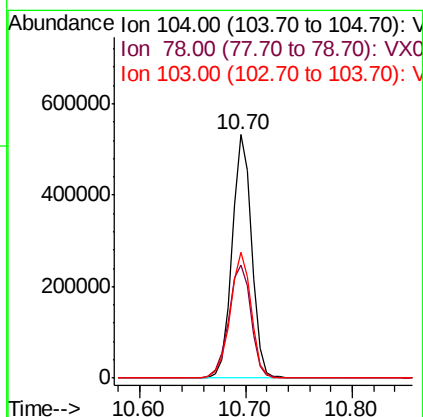
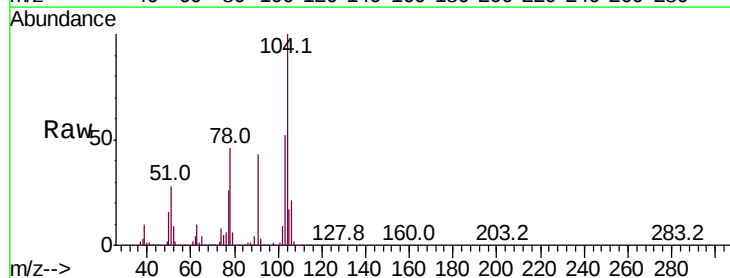
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

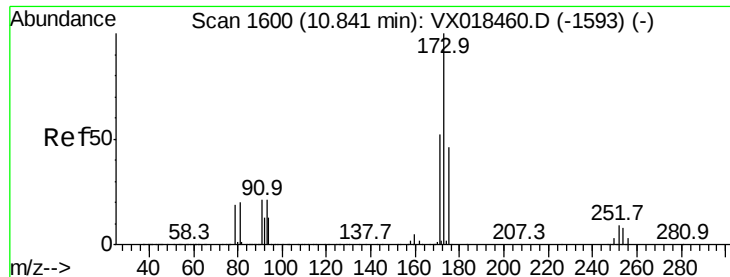
Tot Ion:106 Resp: 400566
Ion Ratio Lower Upper
106 100
91 219.7 109.7 329.0



#70
Styrene
Concen: 52.128 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Tgt Ion:104 Resp: 687860
Ion Ratio Lower Upper
104 100
78 53.0 40.5 60.7
103 55.6 43.2 64.8





#71

Bromoform

Concen: 53.095 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

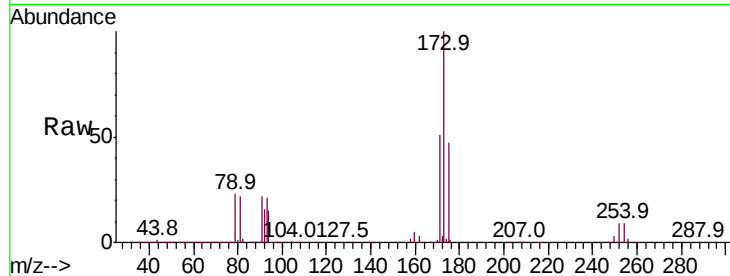
Tot Ion:173 Resp: 220426

Ion Ratio Lower Upper

173 100

175 46.0 23.6 70.8

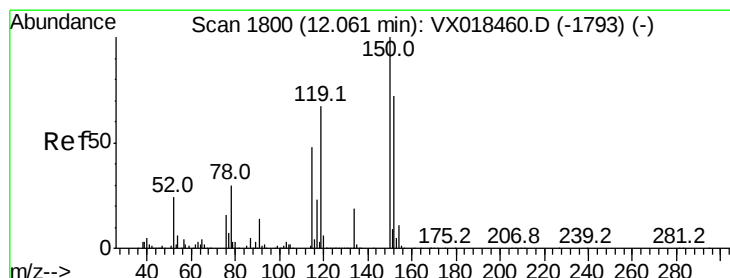
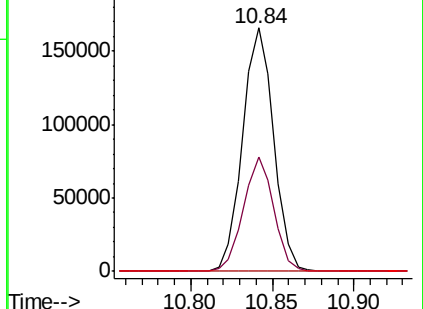
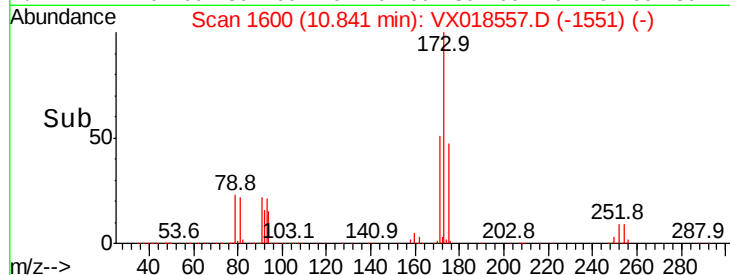
254 0.2 0.1 0.1#



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: VX018557.D

Acq: 23 Sep 2020 23:59

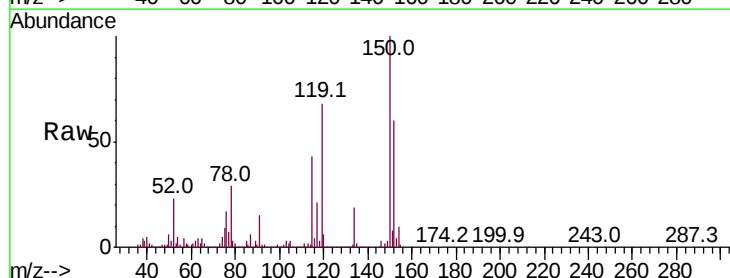
Tgt Ion:152 Resp: 323717

Ion Ratio Lower Upper

152 100

115 84.1 41.8 125.4

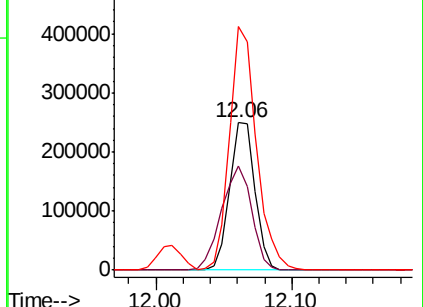
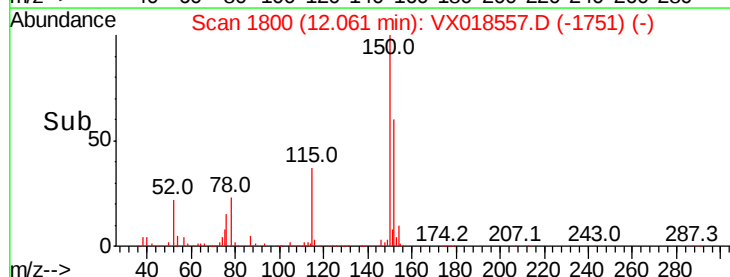
150 174.8 0.0 342.4

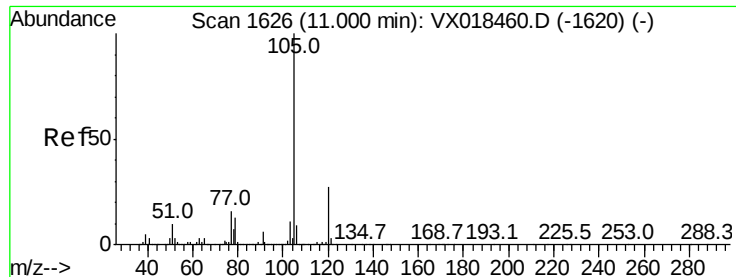


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.449 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

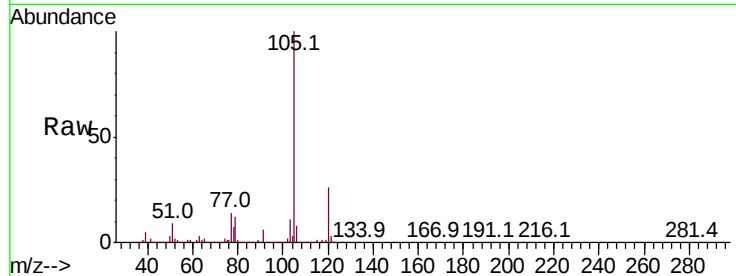
VSTDCCC050EC

Tot Ion:105 Resp: 1112605

Ion Ratio Lower Upper

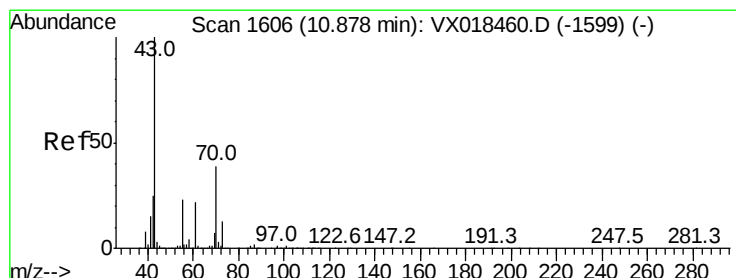
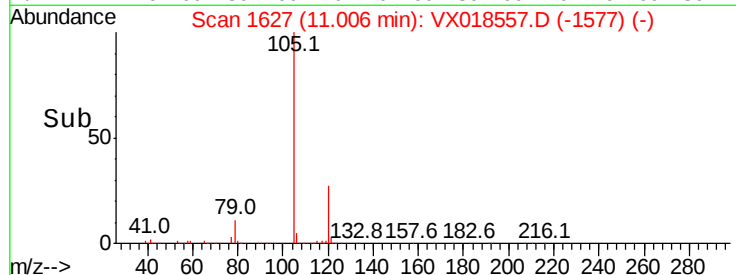
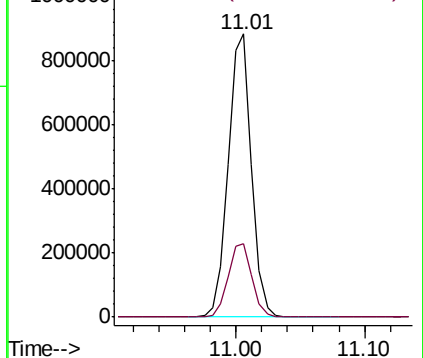
105 100

120 26.6 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.685 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Tgt Ion: 43 Resp: 464255

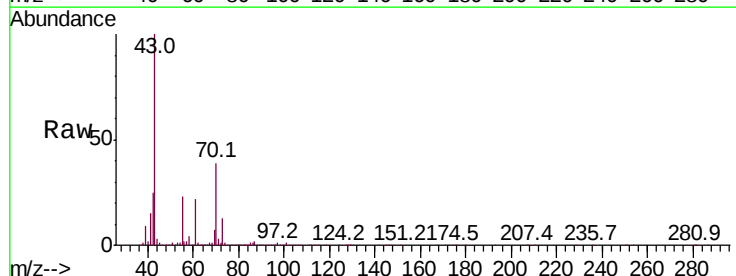
Ion Ratio Lower Upper

43 100

70 40.1 32.2 48.4

55 23.7 18.8 28.2

61 23.1 19.0 28.4

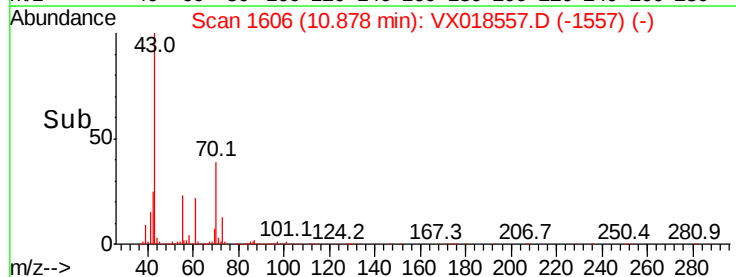
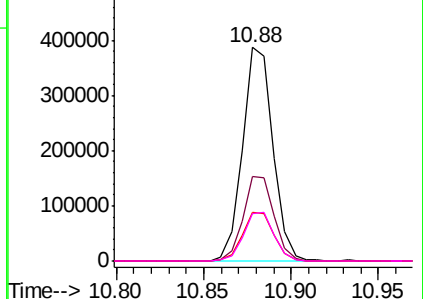


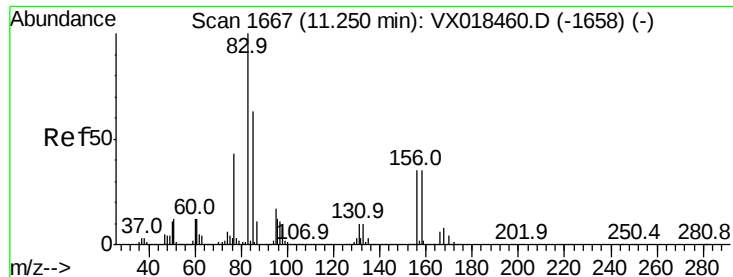
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 49.066 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

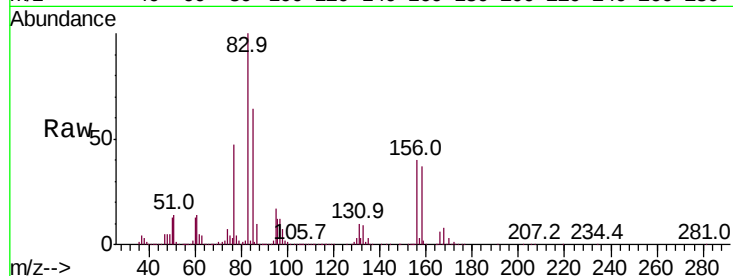
Tot Ion: 83 Resp: 351212

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.4

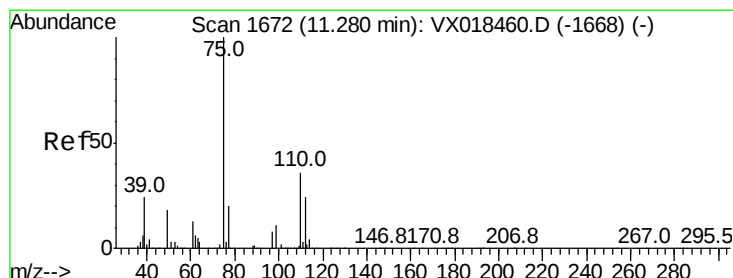
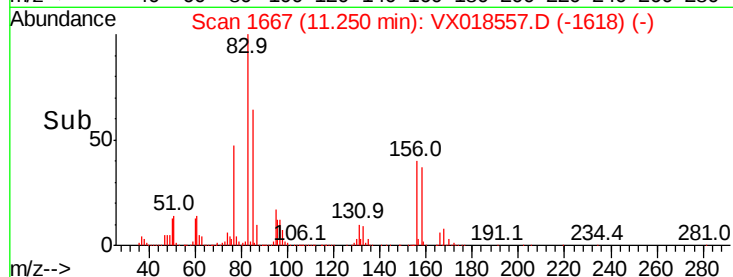
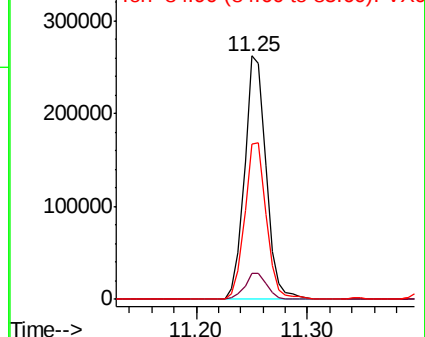
85 64.6 31.8 95.4



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: 62.069 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018557.D

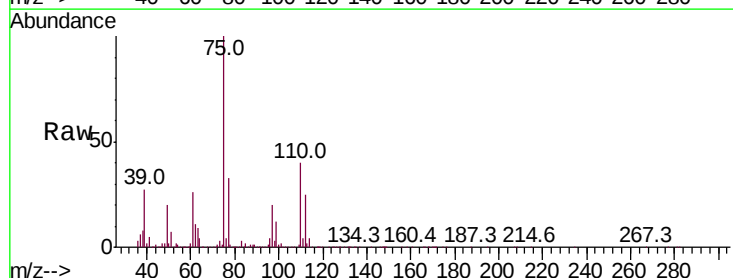
Acq: 23 Sep 2020 23:59

Tgt Ion: 75 Resp: 422239

Ion Ratio Lower Upper

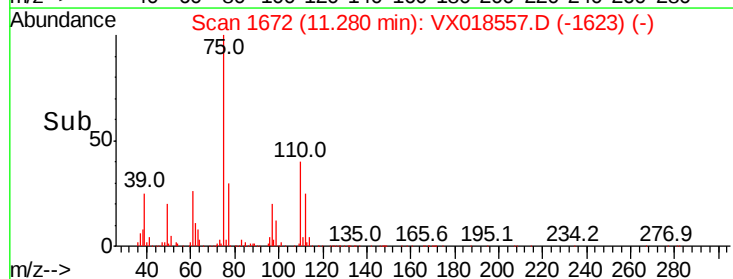
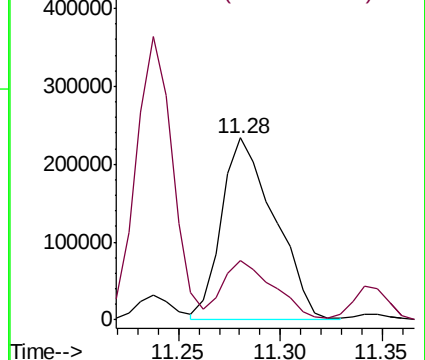
75 100

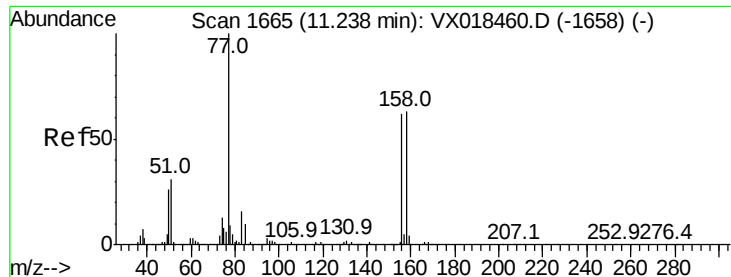
77 31.2 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

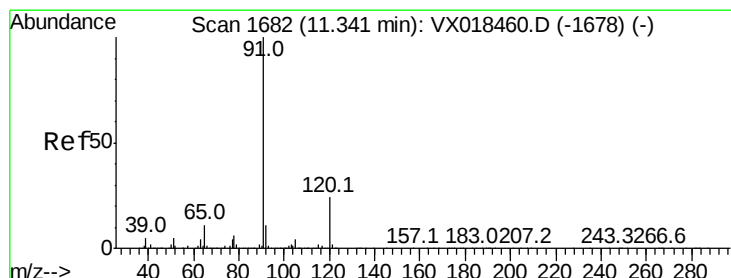
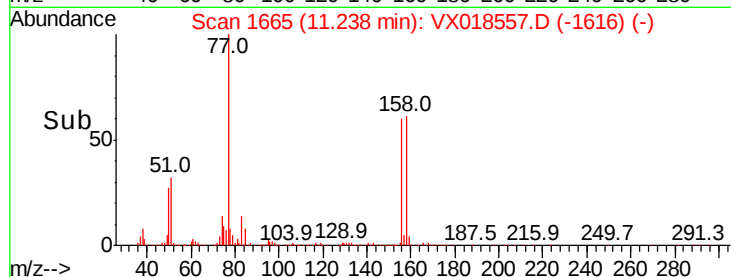
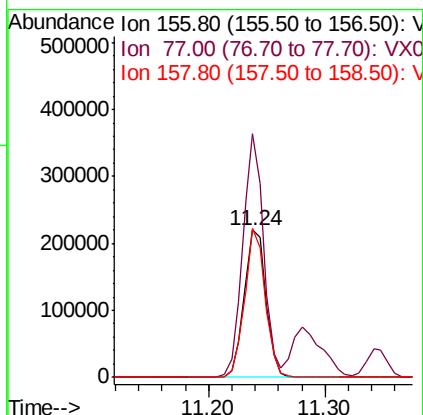
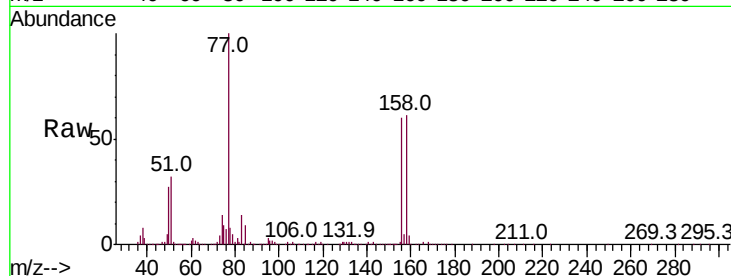




#77
Bromobenzene
Concen: 48.331 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

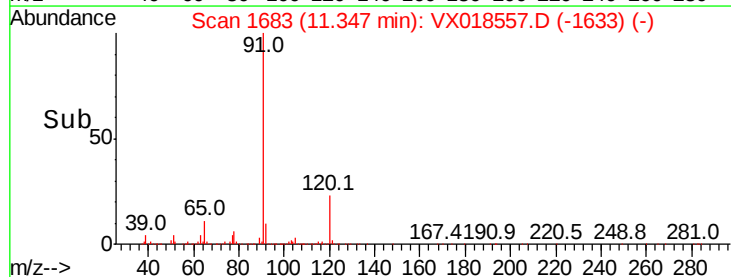
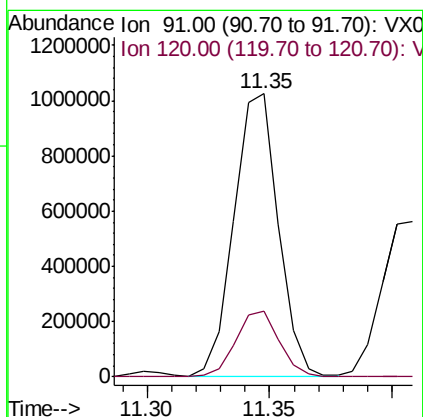
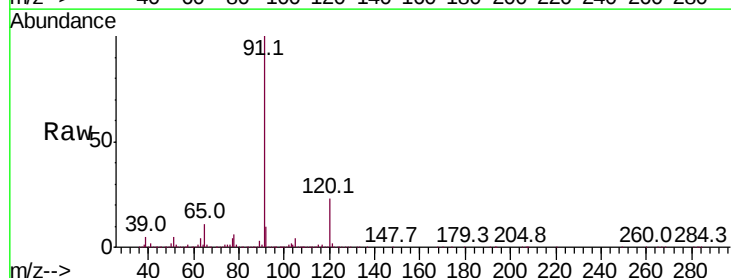
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

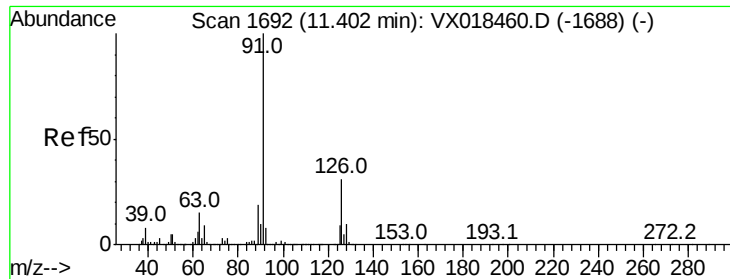
Tot Ion:156 Resp: 288386
Ion Ratio Lower Upper
156 100
77 156.6 78.8 236.5
158 95.2 48.4 145.3



#78
n-propylbenzene
Concen: 50.462 ug/l
RT: 11.35 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Tgt Ion: 91 Resp: 1277342
Ion Ratio Lower Upper
91 100
120 23.1 11.8 35.3





#79

2-Chlorotoluene

Concen: 48.965 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

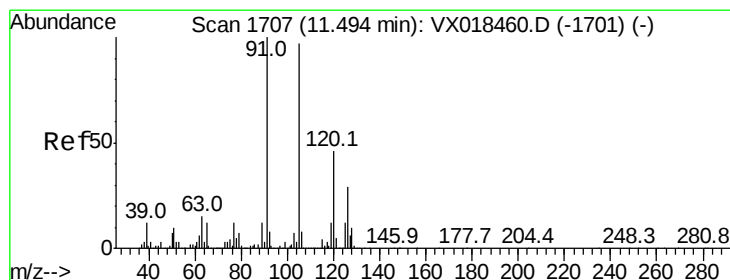
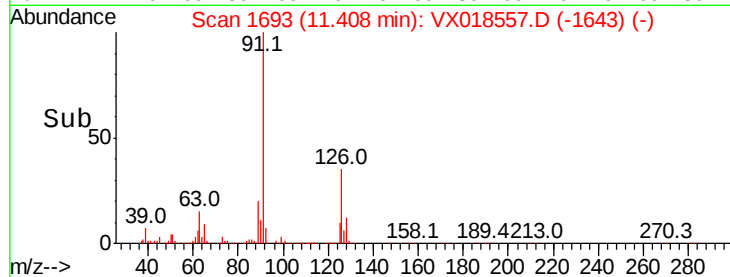
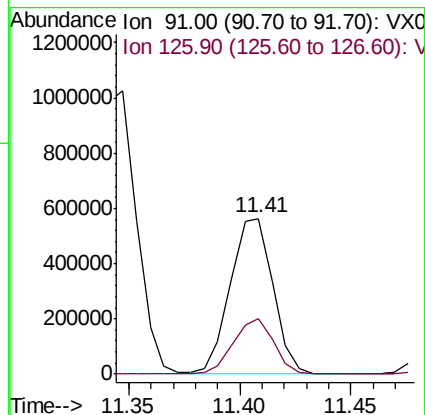
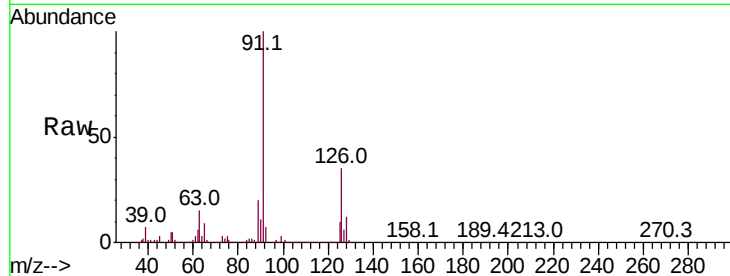
VSTDCCC050EC

Tot Ion: 91 Resp: 750262

Ion Ratio Lower Upper

91 100

126 34.0 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 51.862 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018557.D

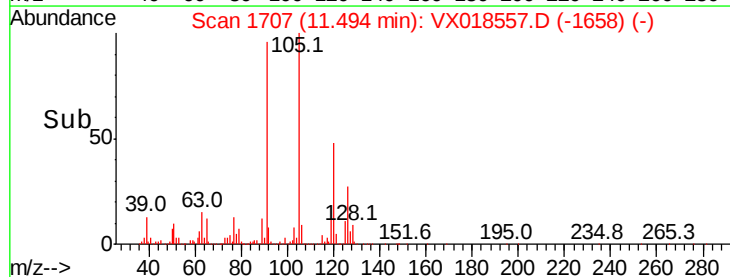
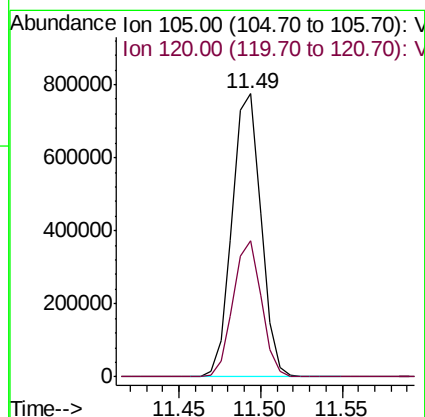
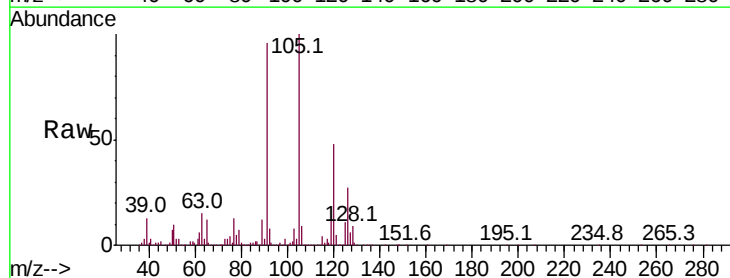
Acq: 23 Sep 2020 23:59

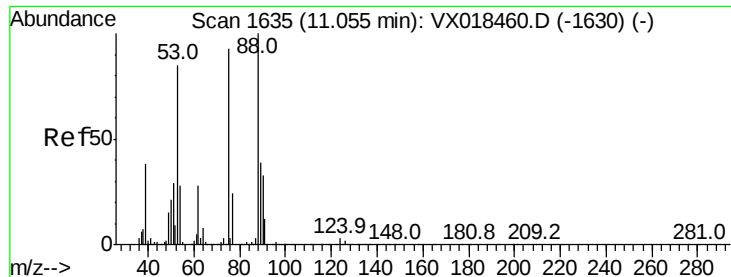
Tgt Ion: 105 Resp: 959163

Ion Ratio Lower Upper

105 100

120 47.0 23.6 71.0





#81

trans-1,4-Dichloro-2-butene

Concen: 44.599 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

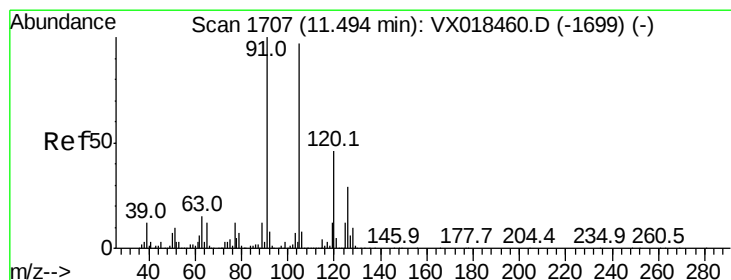
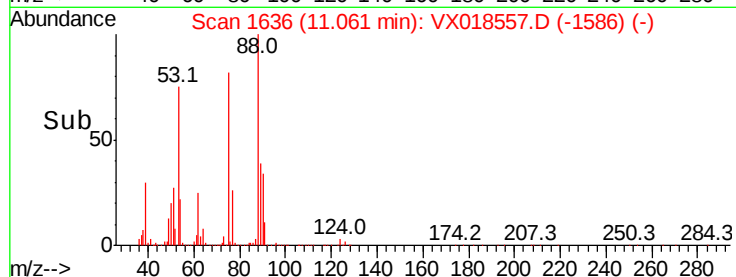
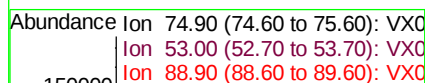
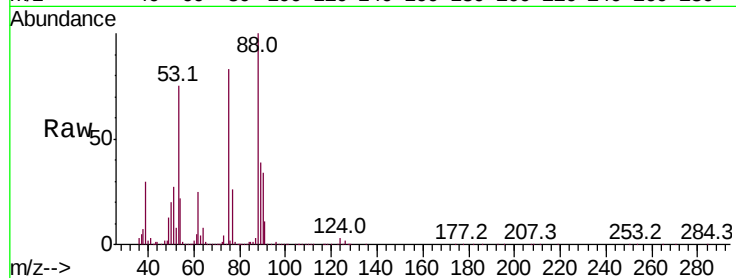
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 118397

Ion	Ratio	Lower	Upper
75	100		
53	97.4	74.6	111.8
89	48.3	36.2	54.4



#82

4-Chlorotoluene

Concen: 49.789 ug/l

RT: 11.49 min Scan# 1707

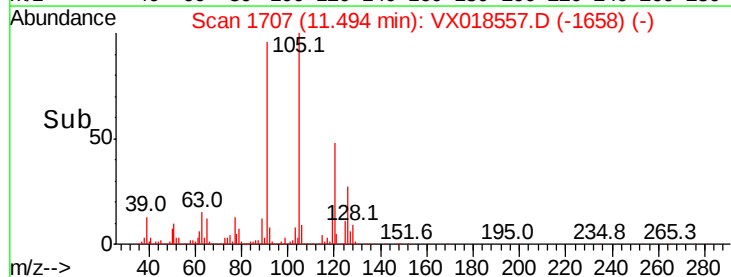
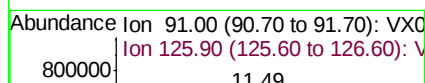
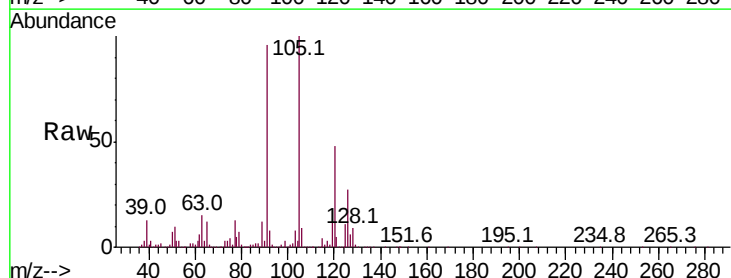
Delta R.T. -0.00 min

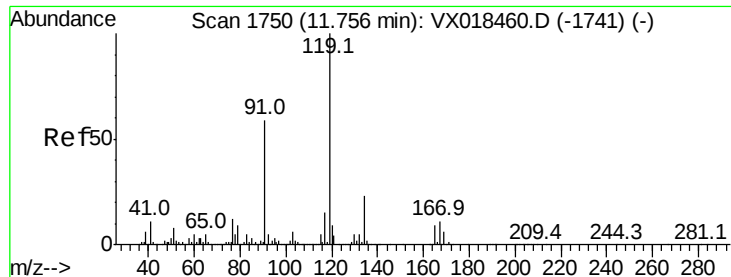
Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Tgt Ion: 91 Resp: 906850

Ion	Ratio	Lower	Upper
91	100		
126	28.9	15.0	45.0





#83

tert-Butylbenzene

Concen: 50.928 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

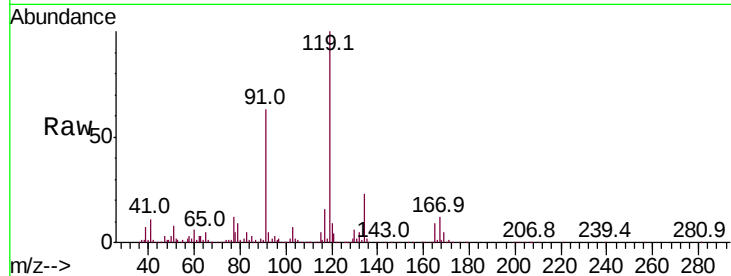
Tot Ion:119 Resp: 914496

Ion Ratio Lower Upper

119 100

91 59.1 28.9 86.7

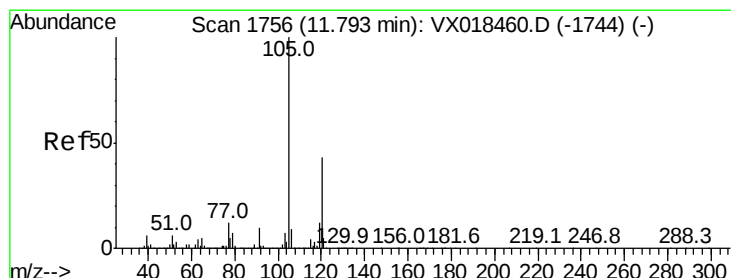
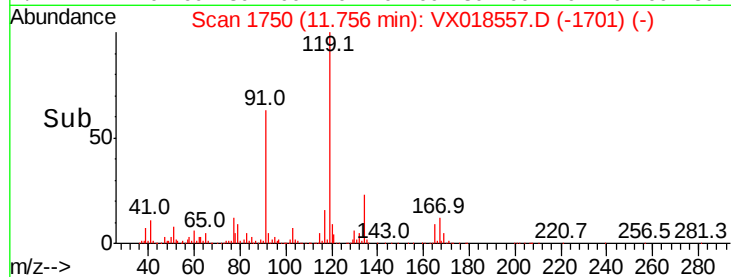
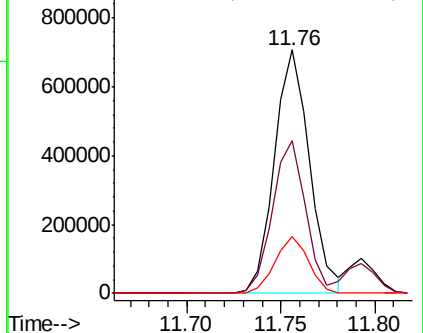
134 22.4 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.207 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018557.D

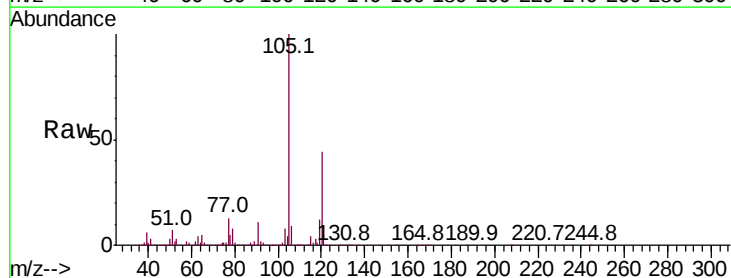
Acq: 23 Sep 2020 23:59

Tgt Ion:105 Resp: 953757

Ion Ratio Lower Upper

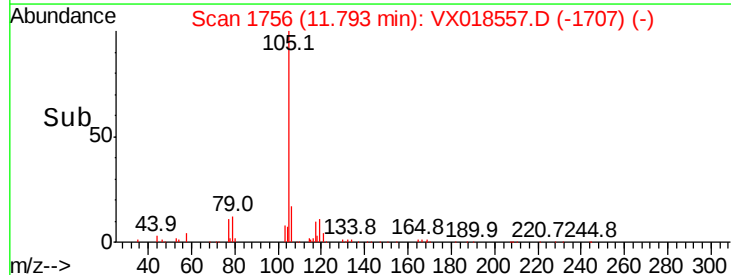
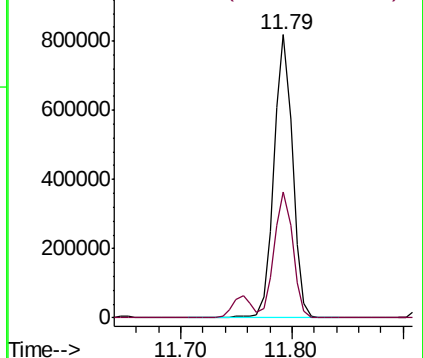
105 100

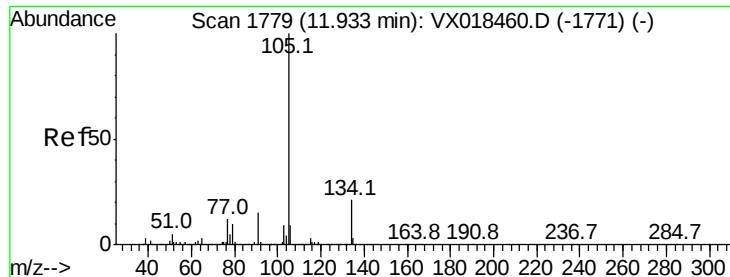
120 44.7 21.6 65.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

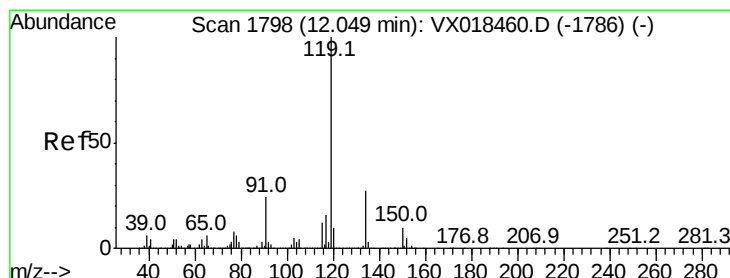
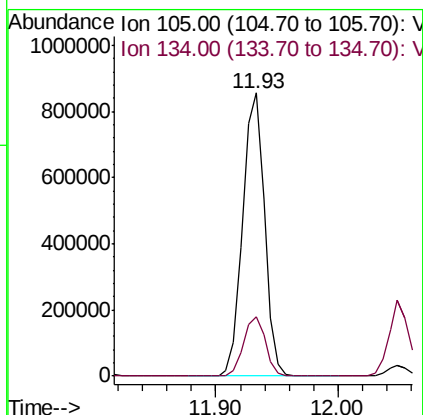
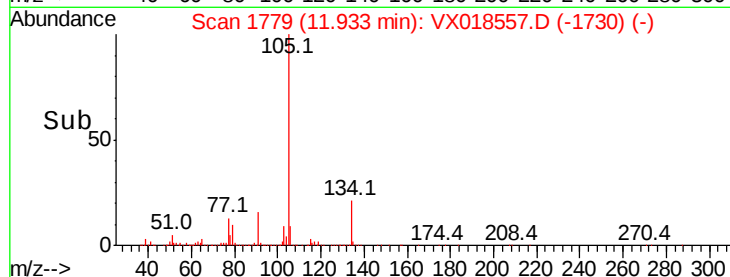
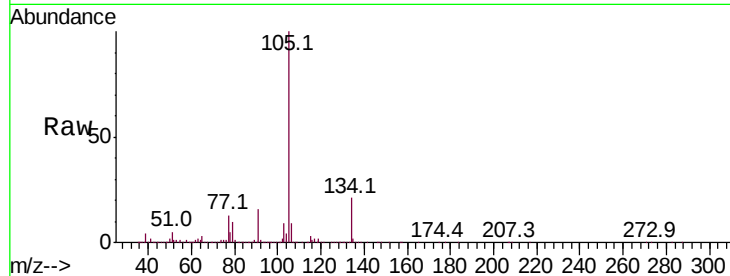




#85
 sec-Butylbenzene
 Concen: 49.786 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018557.D
 Acq: 23 Sep 2020 23:59

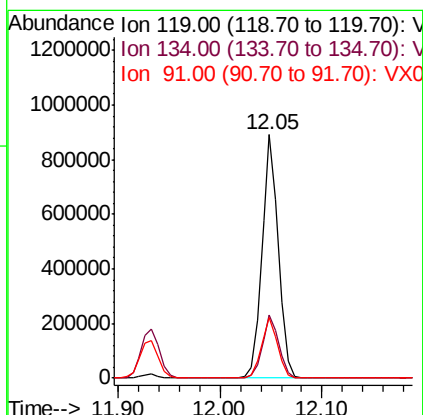
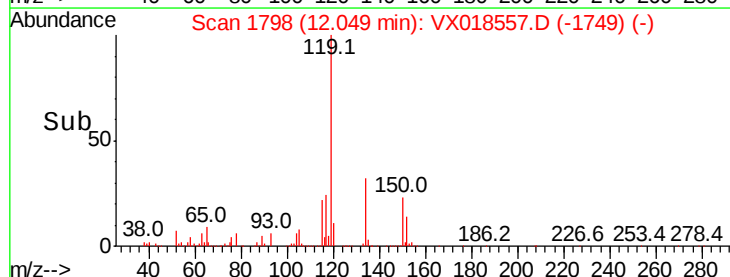
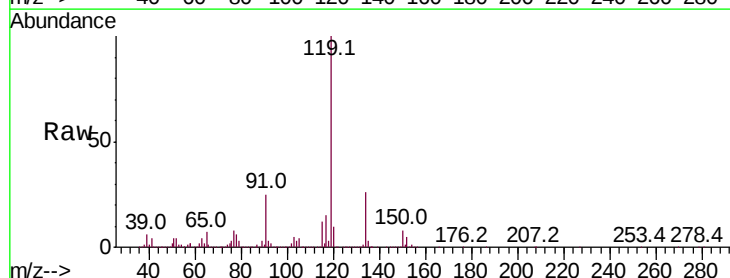
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

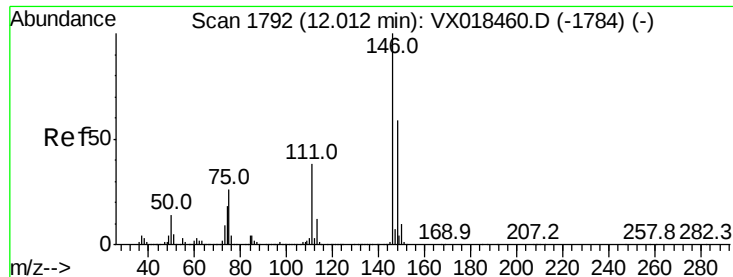
Tot Ion:105 Resp: 1054839
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 51.462 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018557.D
 Acq: 23 Sep 2020 23:59

Tgt Ion:119 Resp: 1002079
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.3 39.9
 91 24.6 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 48.876 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

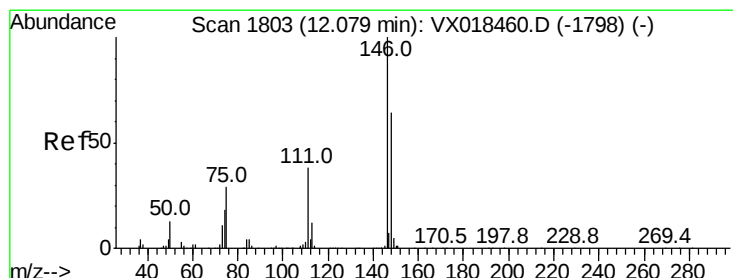
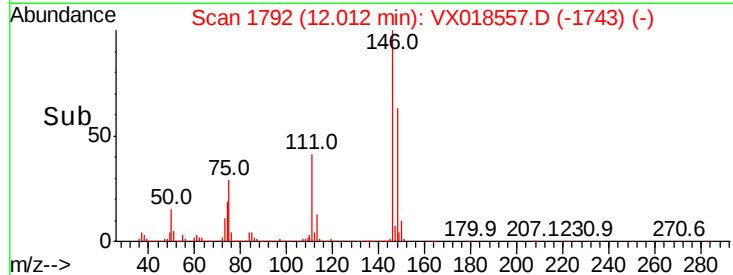
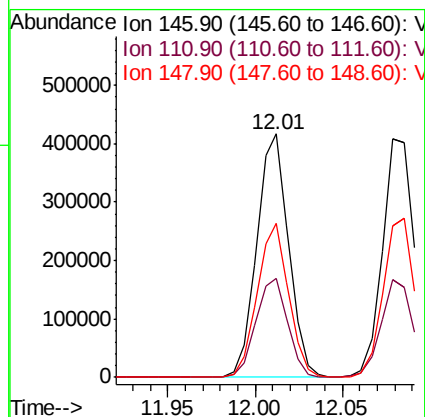
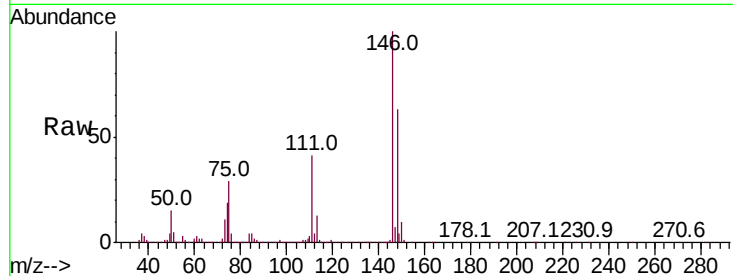
Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 524362

Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.4	61.2
148	62.5	31.1	93.2



#88

1,4-Dichlorobenzene

Concen: 47.710 ug/l

RT: 12.08 min Scan# 1803

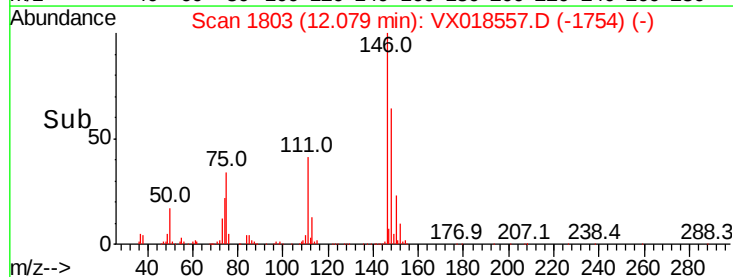
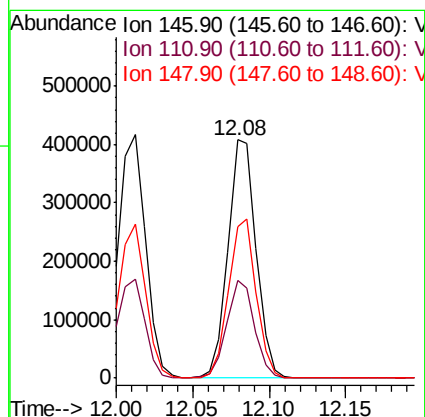
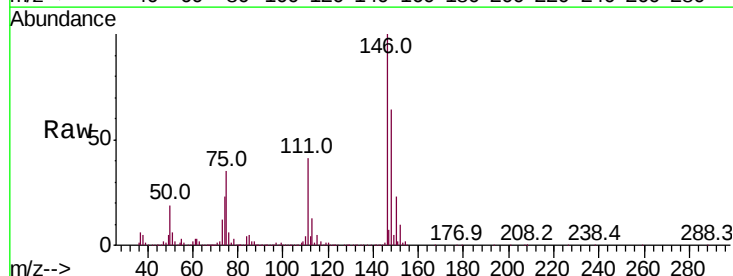
Delta R.T. -0.00 min

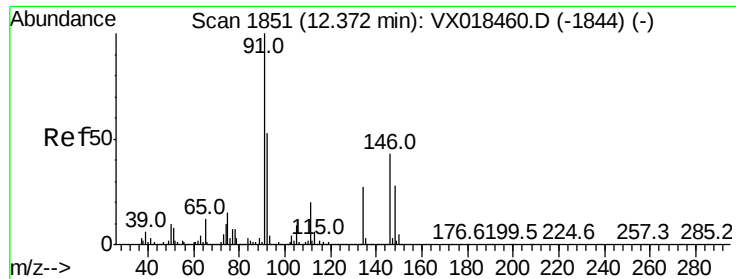
Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Tgt Ion:146 Resp: 518991

Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.4	58.4
148	65.7	31.8	95.4

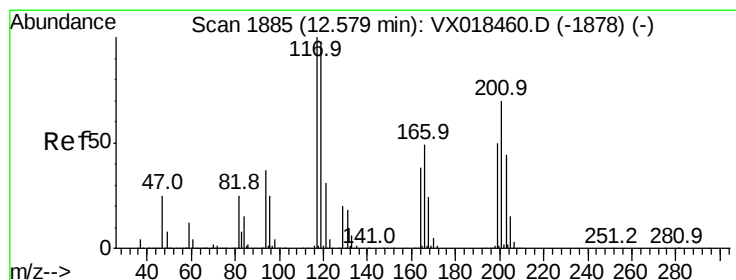
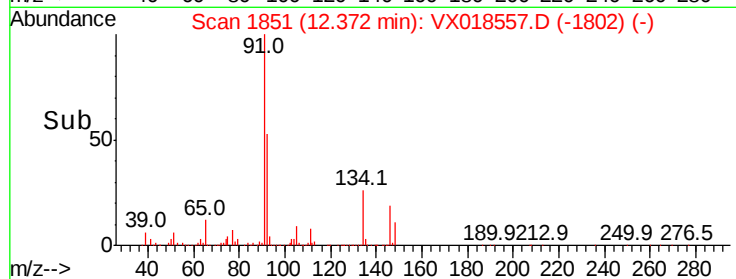
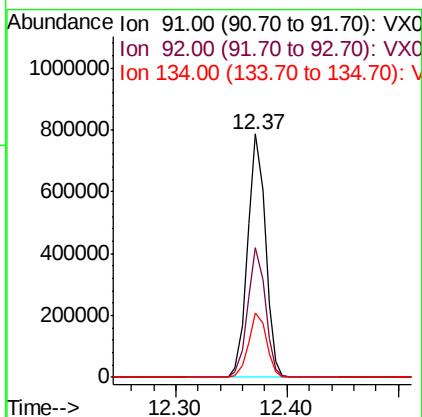
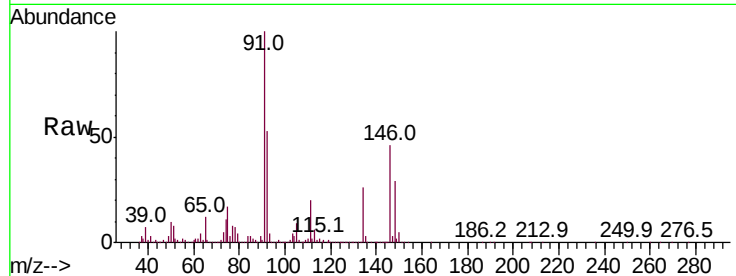




#89
n-Butylbenzene
Concen: 48.610 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

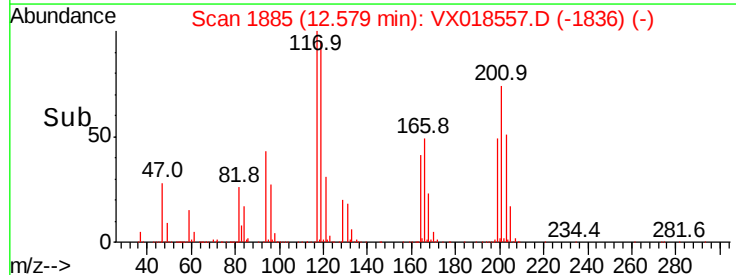
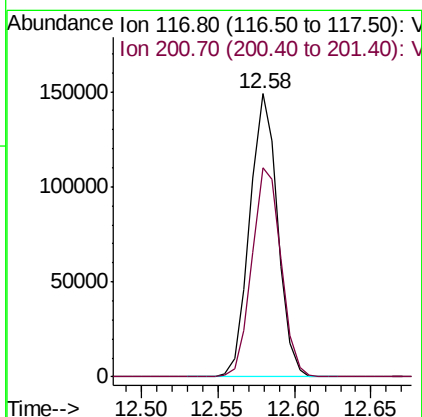
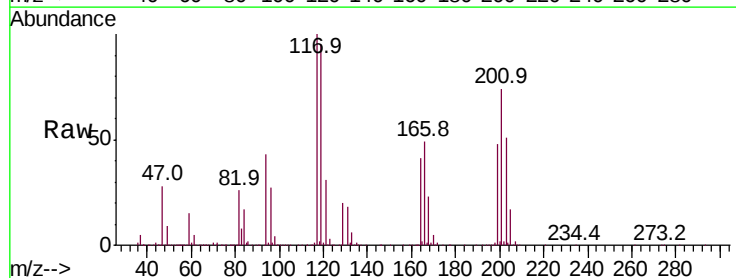
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

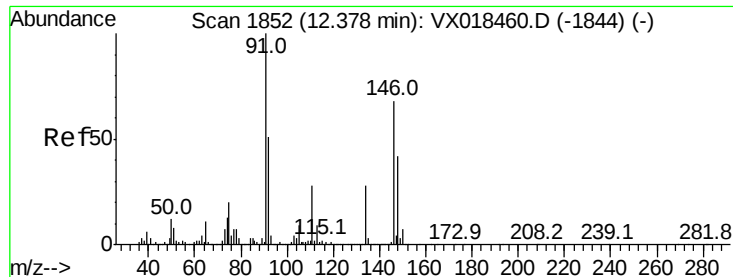
Tot Ion: 91 Resp: 876260
Ion Ratio Lower Upper
91 100
92 52.7 26.1 78.2
134 26.6 13.3 39.8



#90
Hexachloroethane
Concen: 48.473 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Tgt Ion: 117 Resp: 188436
Ion Ratio Lower Upper
117 100
201 77.5 36.2 108.6





#91

1,2-Dichlorobenzene

Concen: 51.553 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

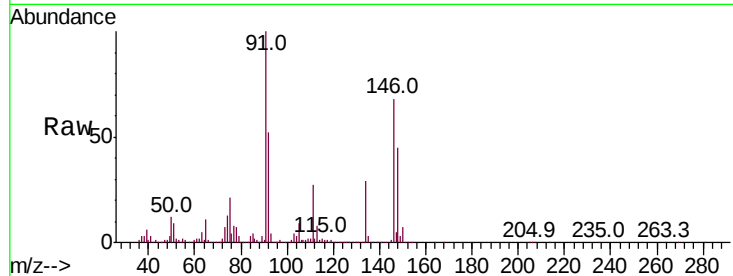
Tot Ion:146 Resp: 517663

Ion Ratio Lower Upper

146 100

111 41.8 21.5 64.5

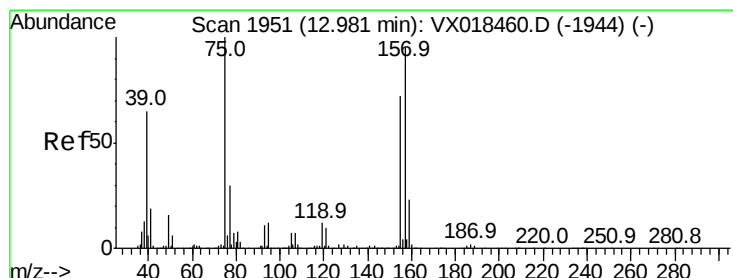
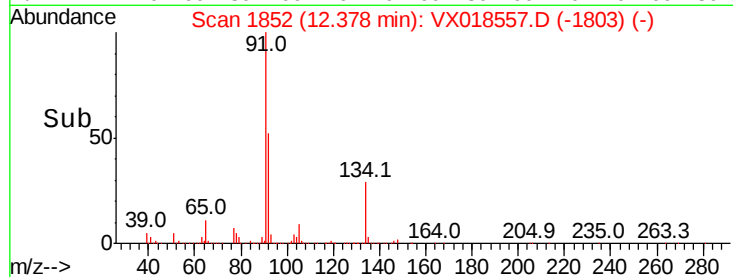
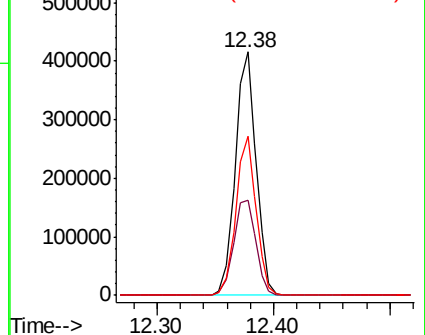
148 63.3 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.079 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

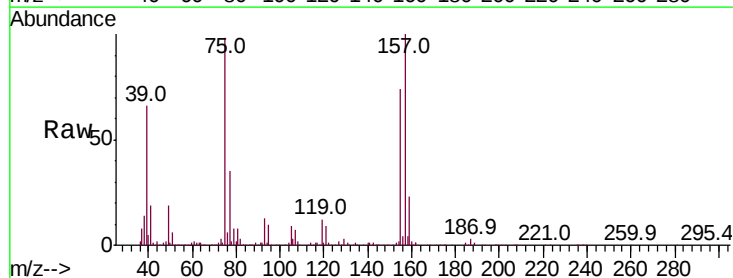
Tgt Ion: 75 Resp: 85284

Ion Ratio Lower Upper

75 100

155 83.5 38.8 116.4

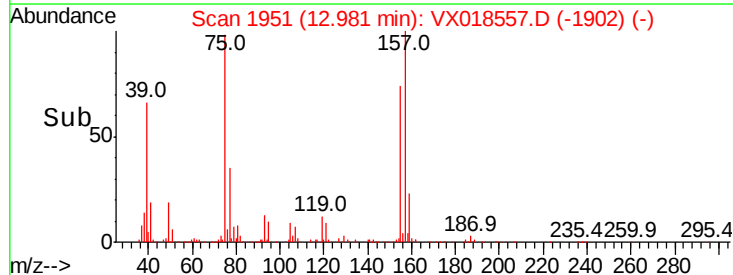
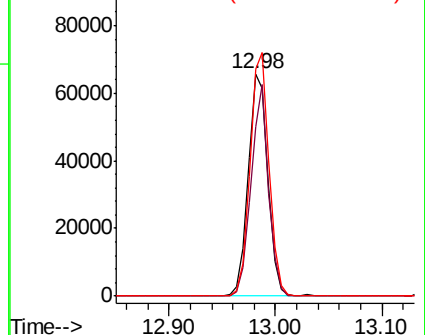
157 105.6 51.1 153.3

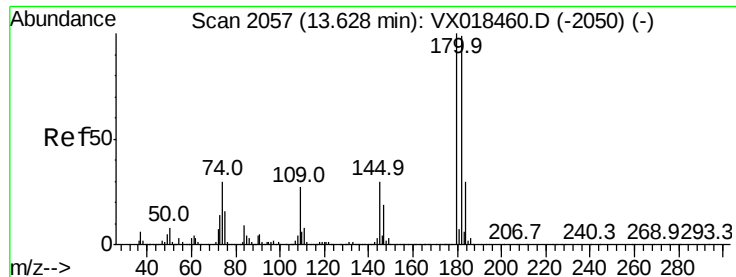


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 48.064 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

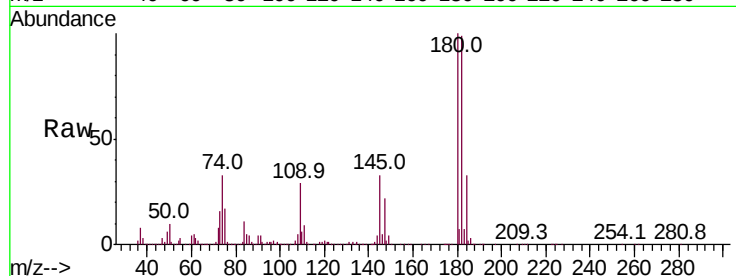
Tot Ion:180 Resp: 335903

Ion Ratio Lower Upper

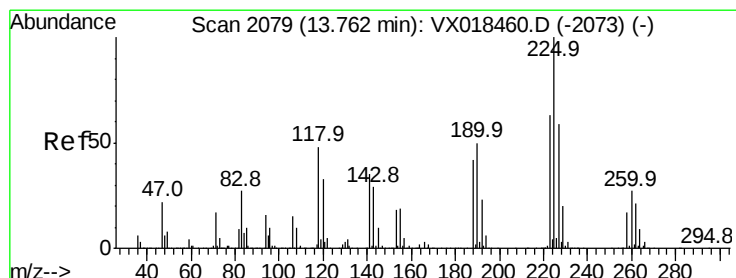
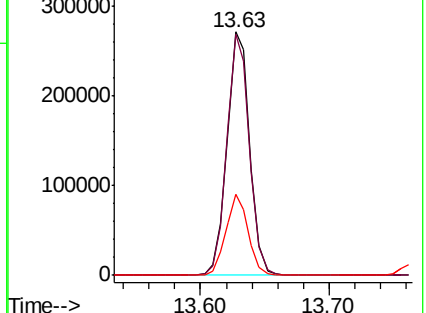
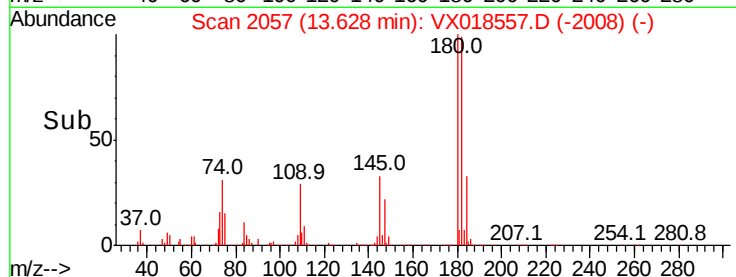
180 100

182 98.1 50.2 150.6

145 32.6 15.7 47.1



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



#94

Hexachlorobutadiene

Concen: 50.979 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

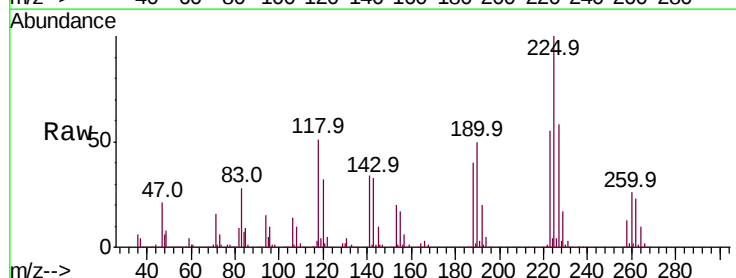
Tgt Ion:225 Resp: 149502

Ion Ratio Lower Upper

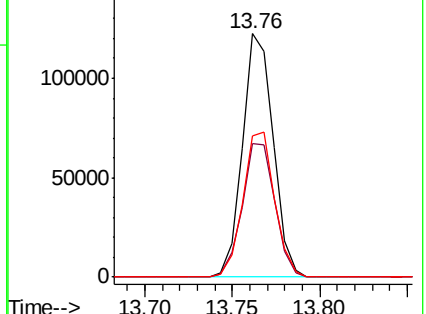
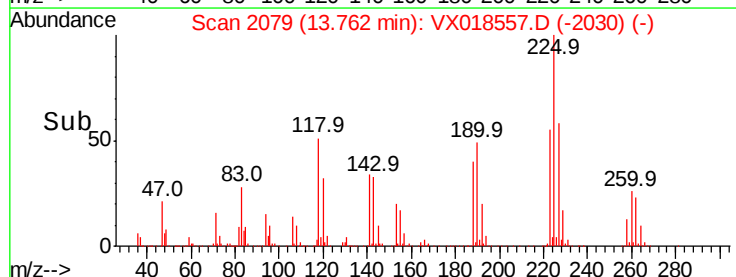
225 100

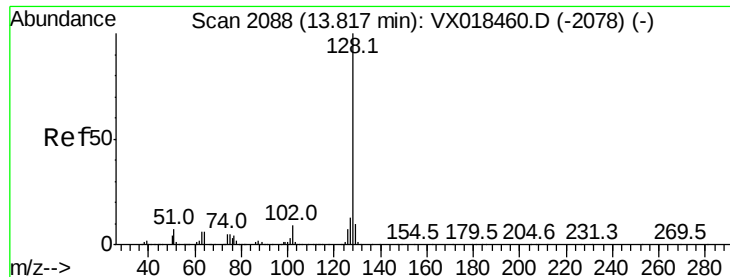
223 58.3 32.0 96.2

227 61.2 31.7 95.1



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 50.834 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

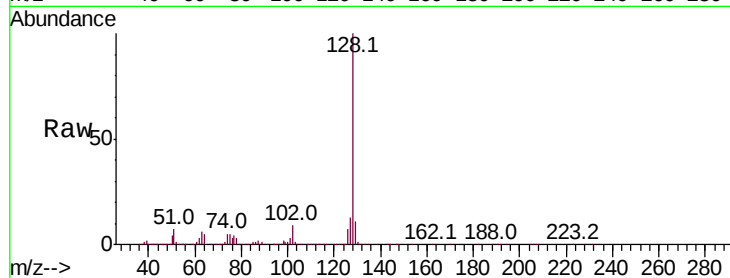
Tot Ion:128 Resp: 1072892

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

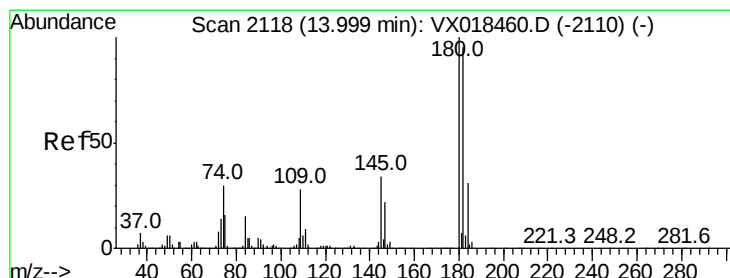
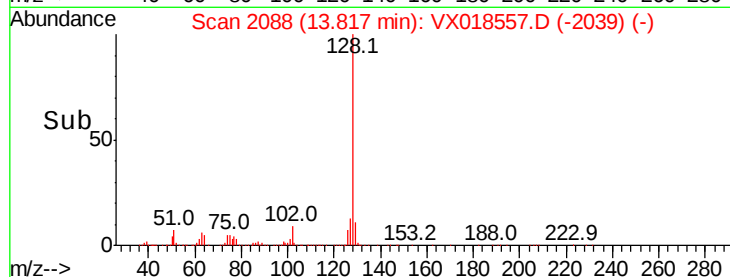
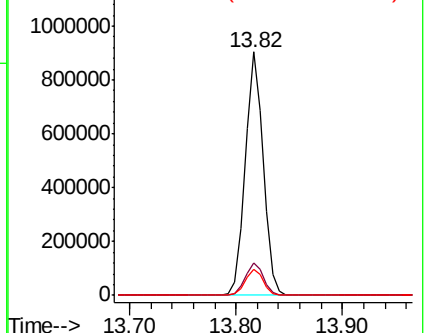
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.849 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

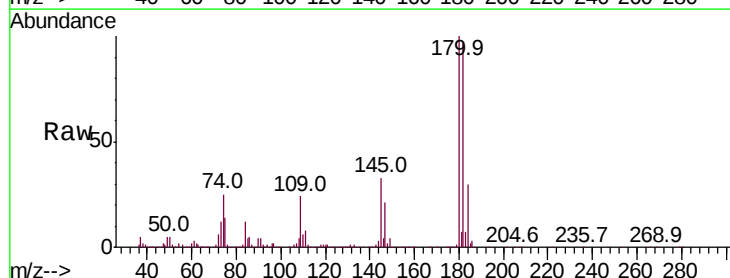
Tgt Ion:180 Resp: 326258

Ion Ratio Lower Upper

180 100

182 99.8 47.1 141.3

145 34.9 16.8 50.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

