

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO090220\
 Data File : VX018209.D
 Acq On : 02 Sep 2020 10:54
 Operator : JC/SP
 Sample : VSTD10034
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD10034

Quant Time: Sep 03 04:16:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXML090220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 03 04:13:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.84	114	661489	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	636028	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	12.06	152	329025	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	531172	116.29	ug/L	0.00
7) Chloroethane-d5	1.68	69	395172	79.04	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	1033753	109.54	ug/L	0.00
21) 2-Butanone-d5	4.53	46	786209	163.62	ug/L	0.00
24) Chloroform-d	5.14	84	1015335	103.57	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.04	65	716693	101.54	ug/L	0.00
32) Benzene-d6	6.05	84	1956535	108.18	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	613279	104.09	ug/L	0.00
41) Toluene-d8	8.70	98	1897447	111.28	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.99	79	356998	117.40	ug/L	0.00
47) 2-Hexanone-d5	9.43	63	602364	195.86	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	11.23	84	832058	92.24	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.36	152	734669	100.70	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	553899	117.219	ug/L	97
3) Chloromethane	1.31	50	517966	107.728	ug/L	96
5) Vinyl chloride	1.39	62	508080	105.219	ug/L	99
6) Bromomethane	1.62	94	307810	88.919	ug/L	97
8) Chloroethane	1.71	64	295294	74.651	ug/L	100
9) Trichlorofluoromethane	1.92	101	851154	101.343	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	468189	112.350	ug/L	98
12) 1,1-Dichloroethene	2.36	96	445840	114.871	ug/L	85
13) Acetone	2.42	43	431551	138.625	ug/L	99
14) Carbon disulfide	2.55	76	1367923	110.113	ug/L	99
15) Methyl Acetate	2.75	43	520644	89.781	ug/L	99
16) Methylene chloride	2.84	84	490095	105.664	ug/L	96
17) trans-1,2-Dichloroethene	3.14	96	458522	106.791	ug/L	98
18) Methyl tert-butyl Ether	3.17	73	1527771	111.016	ug/L	99
19) 1,1-Dichloroethane	3.67	63	876402	106.105	ug/L	100
20) cis-1,2-Dichloroethene	4.57	96	508389	104.962	ug/L	# 100
22) 2-Butanone	4.64	43	728618	165.416	ug/L	99
23) Bromochloromethane	4.99	128	283341	114.974	ug/L	92
25) Chloroform	5.18	83	958149	104.207	ug/L	99
27) 1,2-Dichloroethane	6.17	62	770844	101.803	ug/L	99
29) Cyclohexane	5.55	56	762464	110.457	ug/L	98
30) 1,1,1-Trichloroethane	5.46	97	882530	113.924	ug/L	99
31) Carbon tetrachloride	5.76	117	812909	123.626	ug/L	98
33) Benzene	6.12	78	1908784	108.619	ug/L	100
34) Trichloroethene	7.19	95	522389	111.595	ug/L	98
35) Methylcyclohexane	7.44	83	781987	109.190	ug/L	99
37) 1,2-Dichloropropane	7.49	63	503278	106.205	ug/L	99
38) Bromodichloromethane	7.88	83	722685	113.639	ug/L	95
39) cis-1,3-Dichloropropene	8.42	75	831879	116.329	ug/L	99
40) 4-Methyl-2-pentanone	8.62	43	1461959	184.146	ug/L	99

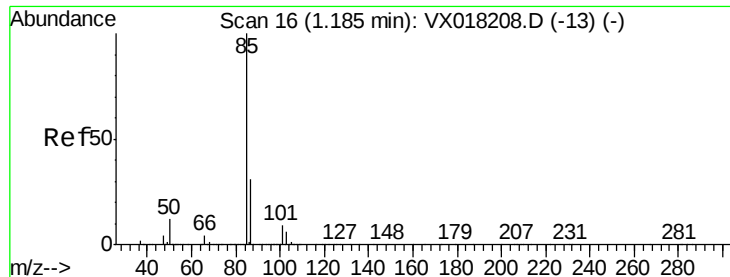
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090220\
 Data File : VX018209.D
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXML090220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 03 04:13:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.77	91	2117754	109.578	ug/L	100
44) trans-1,3-Dichloropropene	9.02	75	869066	122.679	ug/L	97
45) 1,1,2-Trichloroethane	9.20	97	494108	107.976	ug/L	95
46) Tetrachloroethene	9.32	164	424082	116.745	ug/L	93
48) 2-Hexanone	9.48	43	1179672	183.367	ug/L	99
49) Dibromochloromethane	9.57	129	645439	122.690	ug/L	99
50) 1,2-Dibromoethane	9.65	107	549892	109.430	ug/L	94
51) Chlorobenzene	10.12	112	1402581	112.461	ug/L	97
52) Ethylbenzene	10.24	91	2371981	111.234	ug/L	99
53) m,p-Xylene	10.34	106	910898	112.782	ug/L	100
54) o-xylene	10.68	106	885255	114.240	ug/L	95
55) Styrene	10.70	104	1564277	116.835	ug/L	100
56) Isopropylbenzene	11.01	105	2395587	114.065	ug/L	100
58) 1,1,2,2-Tetrachloroethane	11.25	83	747263	92.936	ug/L	98
59) 1,2,3-Trichloropropane	11.28	75	659826	97.783	ug/L	99
61) Bromoform	10.84	173	507717	125.801	ug/L	99
62) 1,3-Dichlorobenzene	12.01	146	1117295	108.827	ug/L	97
63) 1,4-Dichlorobenzene	12.08	146	1115402	108.720	ug/L	98
65) 1,2-Dichlorobenzene	12.38	146	1065097	104.082	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.98	75	197975	100.029	ug/L	91
67) 1,3,5-Trichlorobenzene	13.15	180	723026	99.993	ug/L	97
68) 1,2,4-trichlorobenzene	13.63	180	718605	116.874	ug/L	100
69) Naphthalene	13.82	128	2395983	127.740	ug/L	100
70) 1,2,3-Trichlorobenzene	14.00	180	699882	111.493	ug/L	96

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



#2

Dichlorodifluoromethane

Concen: 117.219 ug/L

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018209.D

Acq: 02 Sep 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

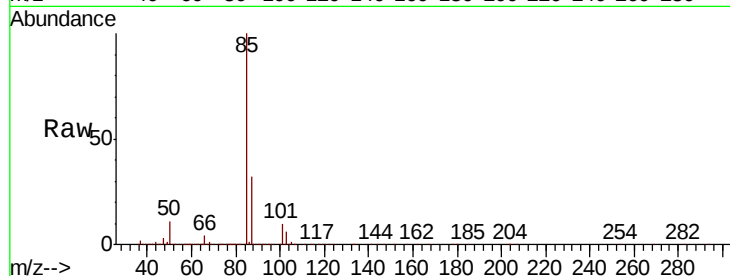
VSTD10034

Tot Ion: 85 Resp: 553899

Ion Ratio Lower Upper

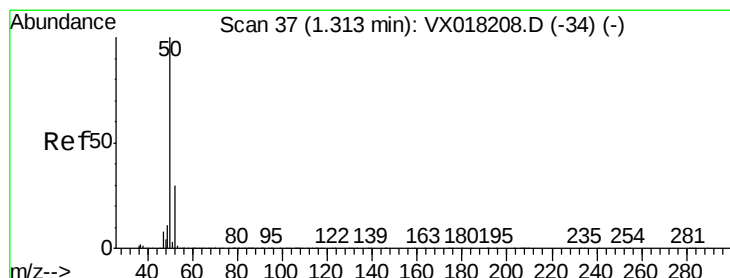
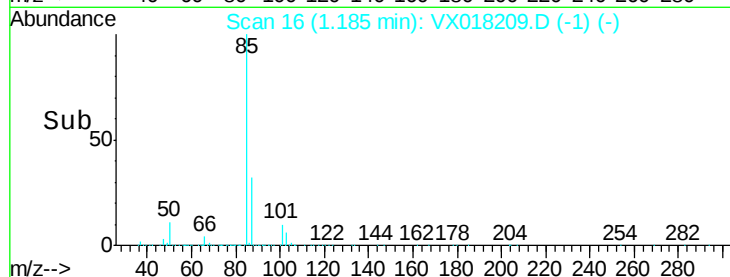
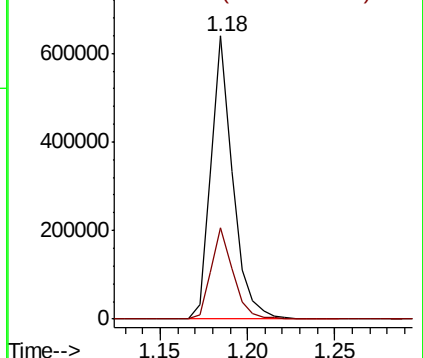
85 100

87 32.9 25.2 37.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#3

Chloromethane

Concen: 107.728 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018209.D

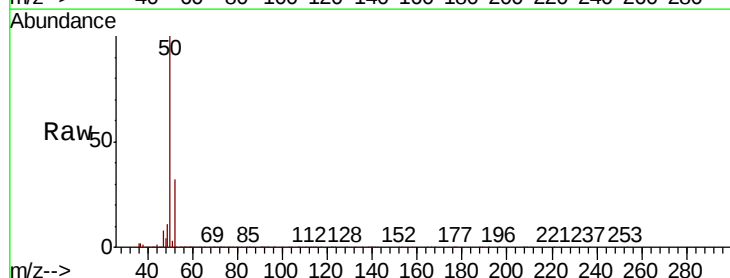
Acq: 02 Sep 2020 10:54

Tgt Ion: 50 Resp: 517966

Ion Ratio Lower Upper

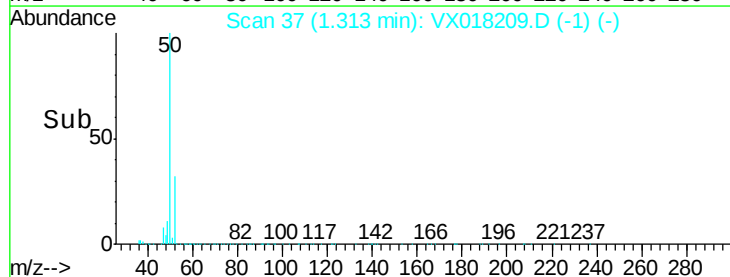
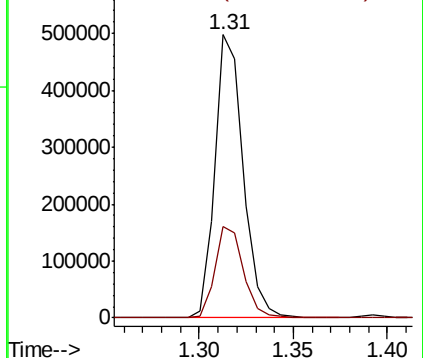
50 100

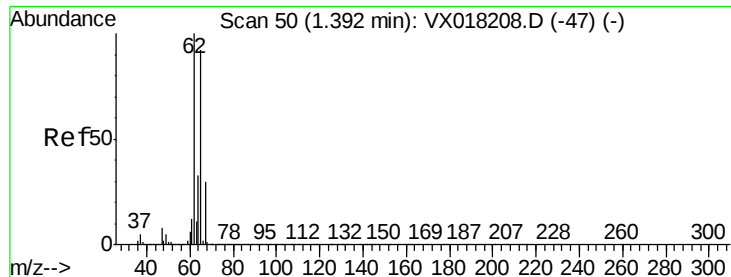
52 32.1 21.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#5

Vinyl chloride

Concen: 105.219 ug/L

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018209.D

Acq: 02 Sep 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

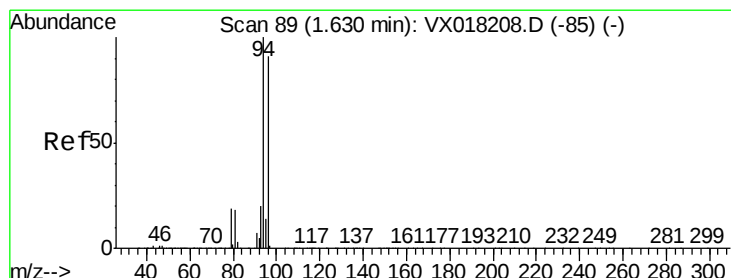
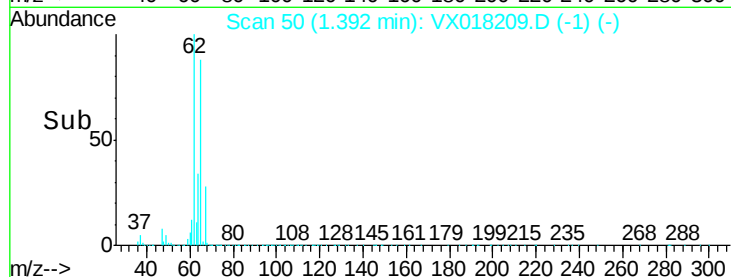
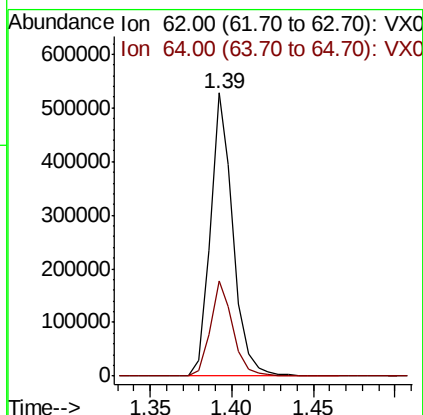
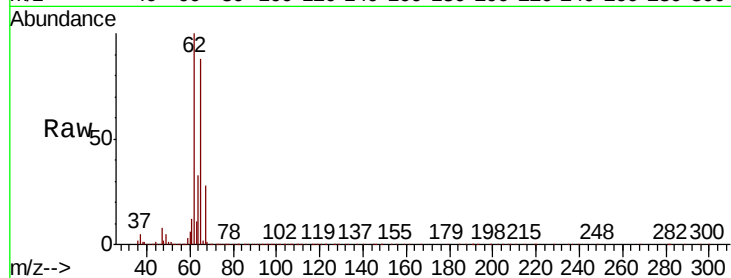
VSTD10034

Tot Ion: 62 Resp: 508080

Ion Ratio Lower Upper

62 100

64 33.5 23.2 43.2



#6

Bromomethane

Concen: 88.919 ug/L

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX018209.D

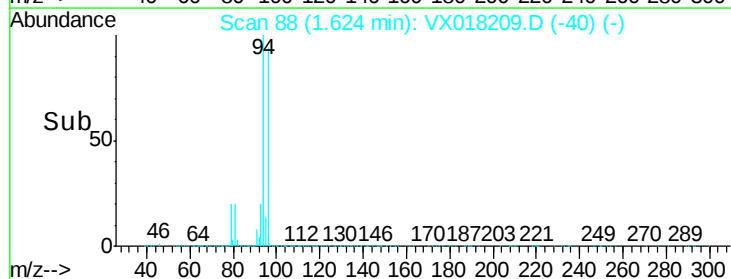
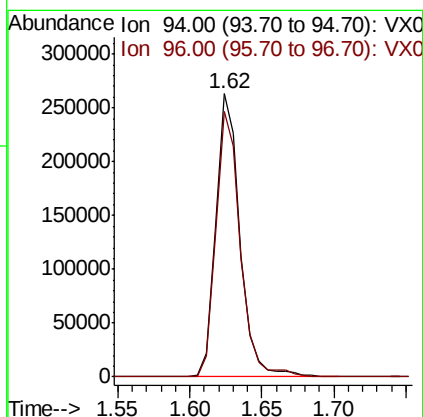
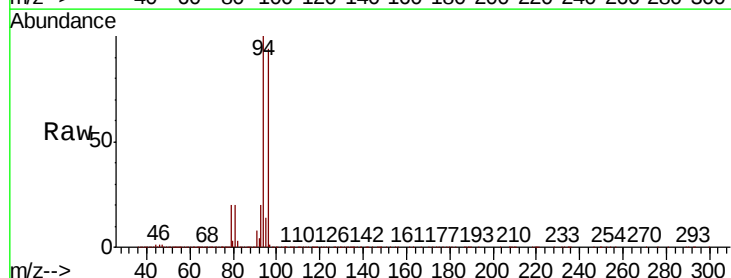
Acq: 02 Sep 2020 10:54

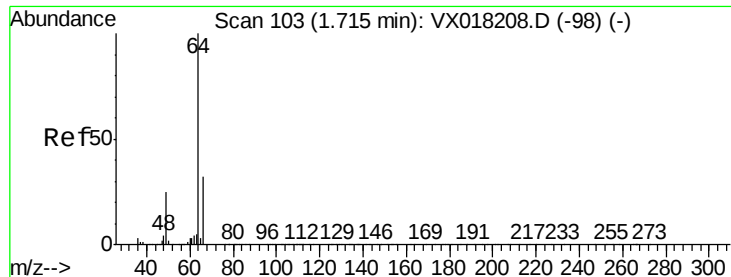
Tgt Ion: 94 Resp: 307810

Ion Ratio Lower Upper

94 100

96 93.8 63.9 118.7

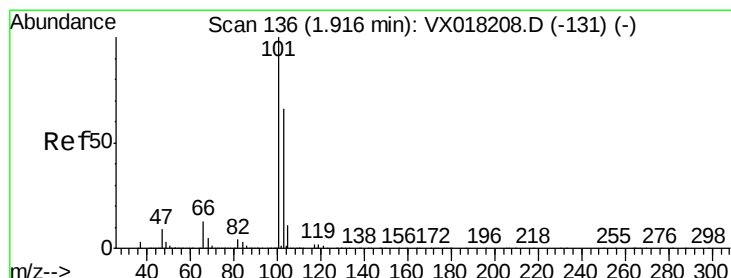
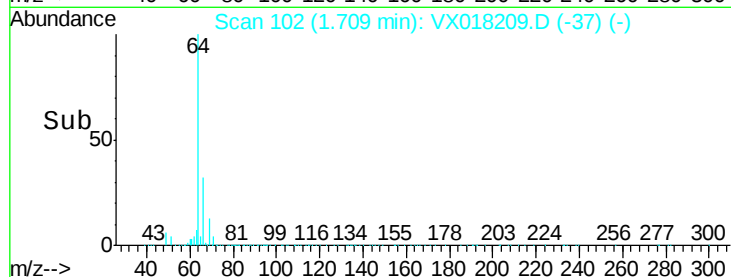
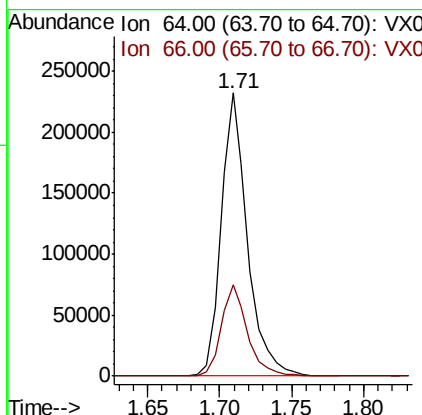
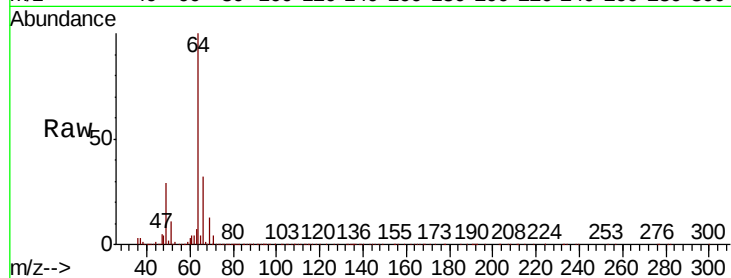




#8
Chloroethane
Concen: 74.651 ug/L
RT: 1.71 min Scan# 102
Delta R.T. -0.01 min
Lab File: VX018209.D
Acq: 02 Sep 2020 10:54

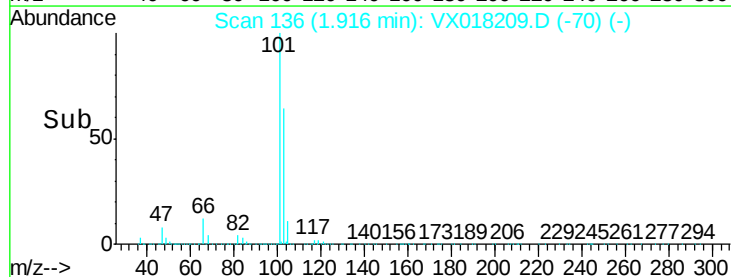
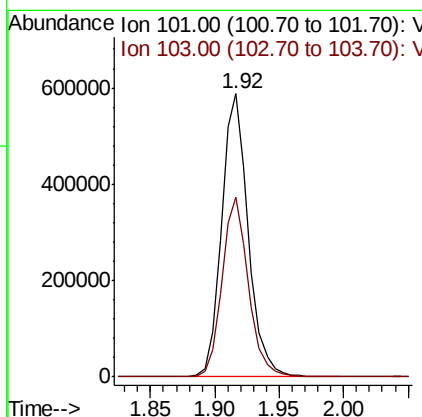
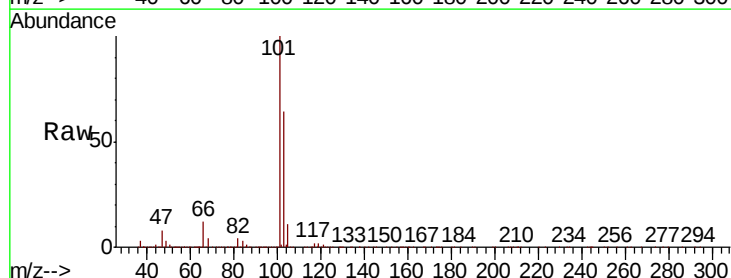
Instrument :
MSVOA_X
ClientSampled :
VSTD10034

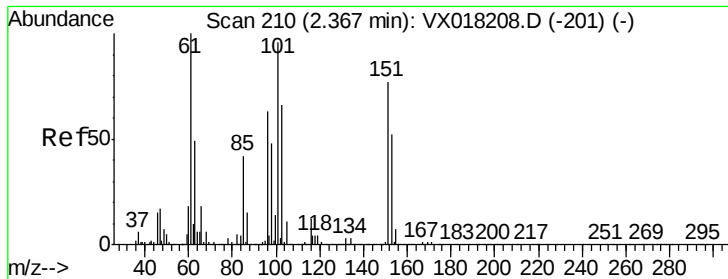
Tot Ion: 64 Resp: 295294
Ion Ratio Lower Upper
64 100
66 32.1 22.5 41.7



#9
Trichlorofluoromethane
Concen: 101.343 ug/L
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX018209.D
Acq: 02 Sep 2020 10:54

Tgt Ion: 101 Resp: 851154
Ion Ratio Lower Upper
101 100
103 63.0 51.4 77.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 112.350 ug/L

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018209.D

Acq: 02 Sep 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTD10034

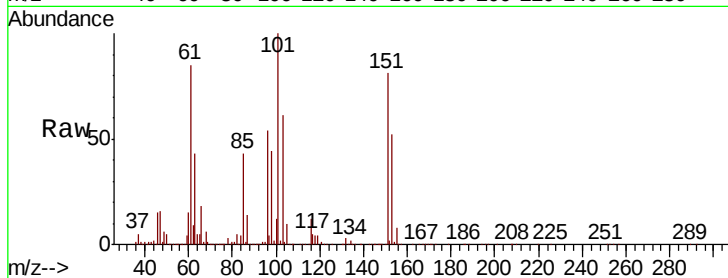
Tot Ion:101 Resp: 468189

Ion Ratio Lower Upper

101 100

85 43.4 35.8 53.6

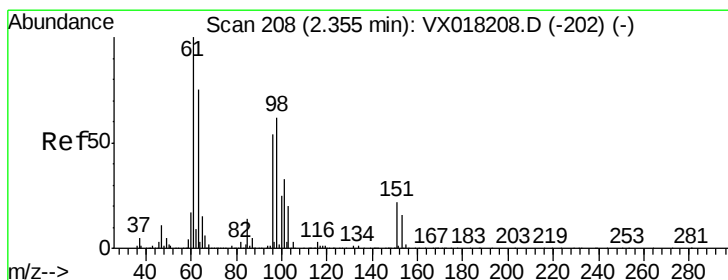
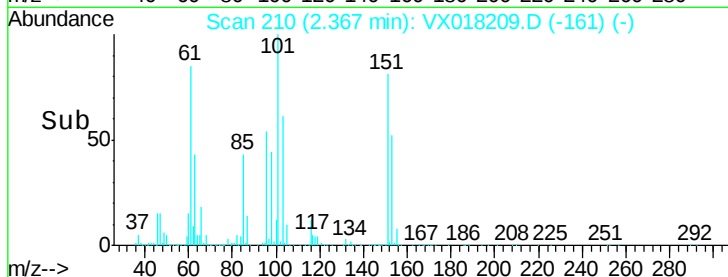
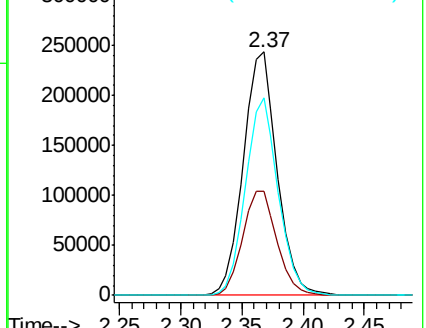
151 78.8 61.6 92.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 114.871 ug/L

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX018209.D

Acq: 02 Sep 2020 10:54

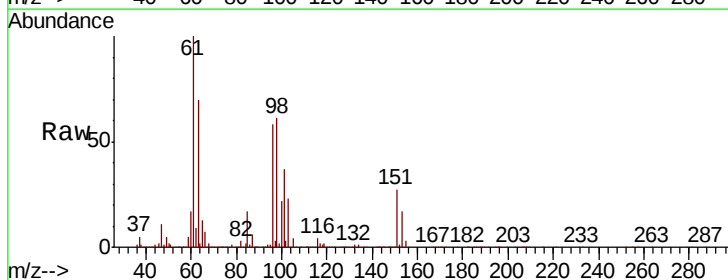
Tgt Ion: 96 Resp: 445840

Ion Ratio Lower Upper

96 100

61 171.8 130.5 242.5

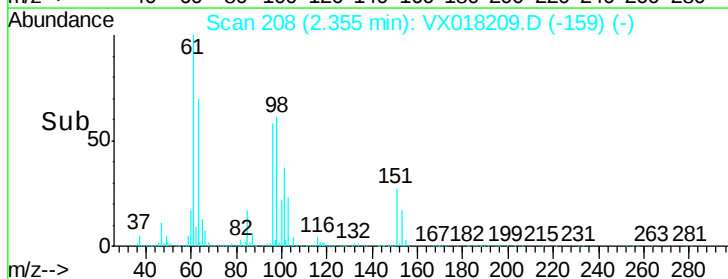
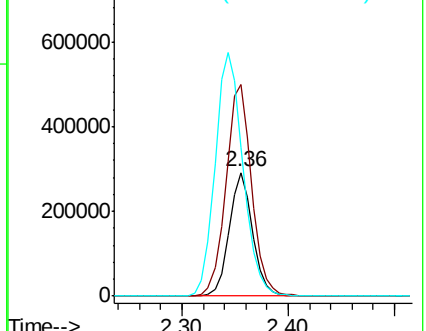
63 120.0 103.0 191.2

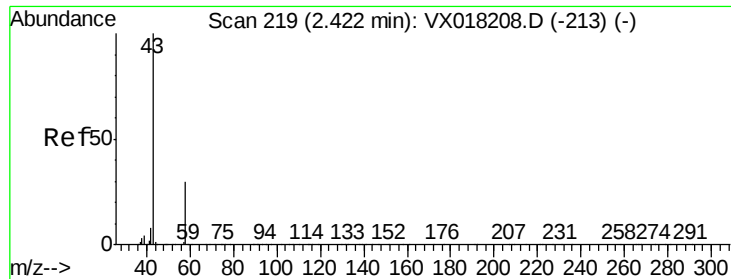


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 138.625 ug/L

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX018209.D

Acq: 02 Sep 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

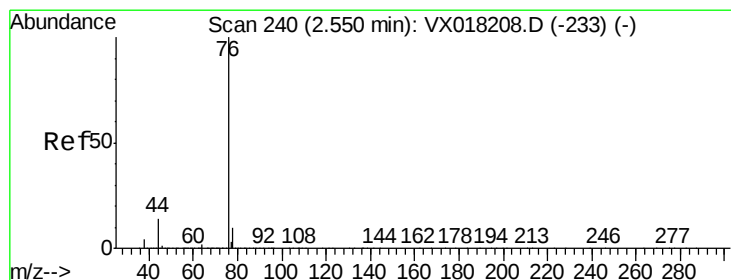
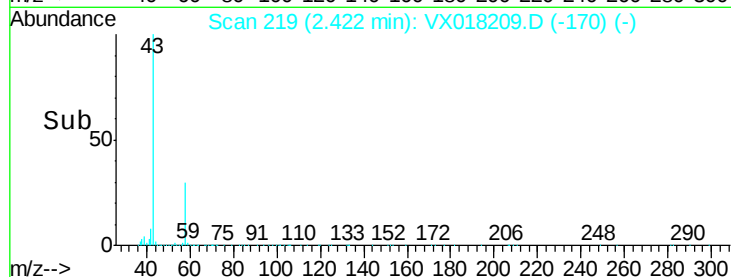
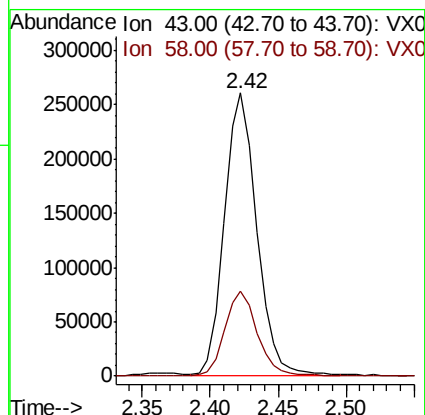
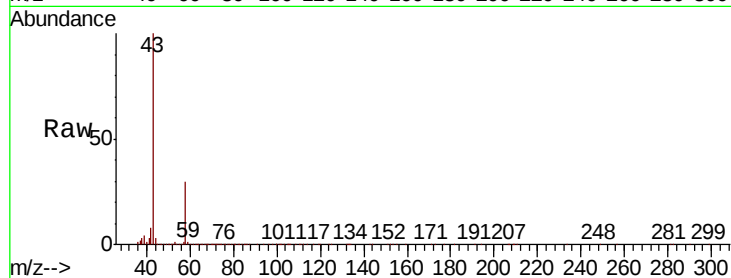
VSTD10034

Tot Ion: 43 Resp: 431551

Ion Ratio Lower Upper

43 100

58 30.0 0.0 59.2



#14

Carbon disulfide

Concen: 110.113 ug/L

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018209.D

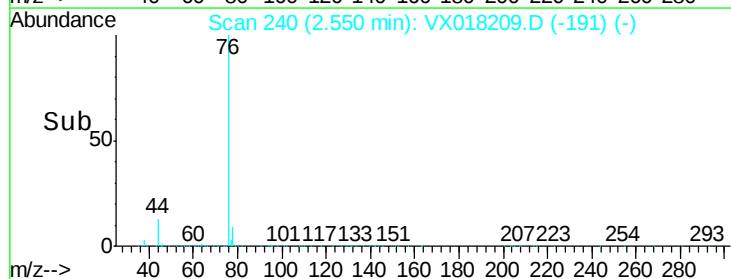
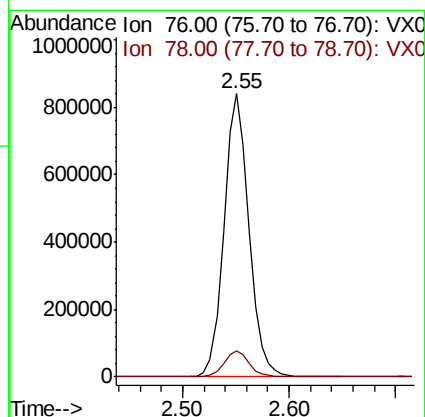
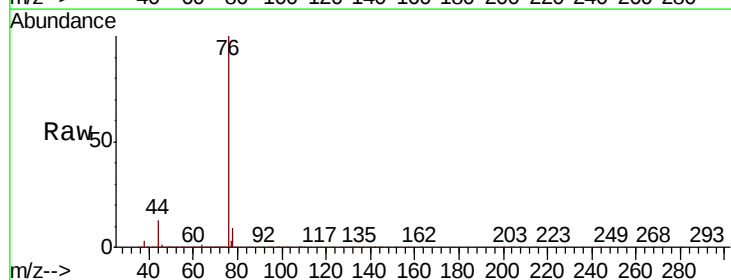
Acq: 02 Sep 2020 10:54

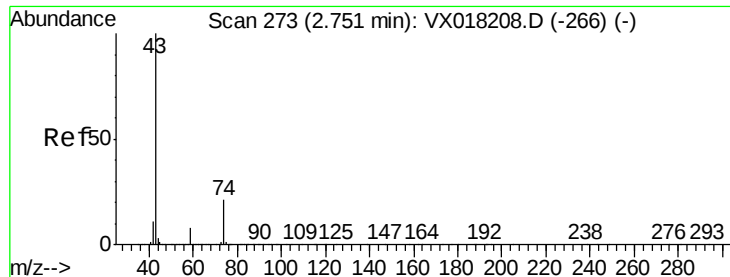
Tgt Ion: 76 Resp: 1367923

Ion Ratio Lower Upper

76 100

78 9.3 7.7 11.5

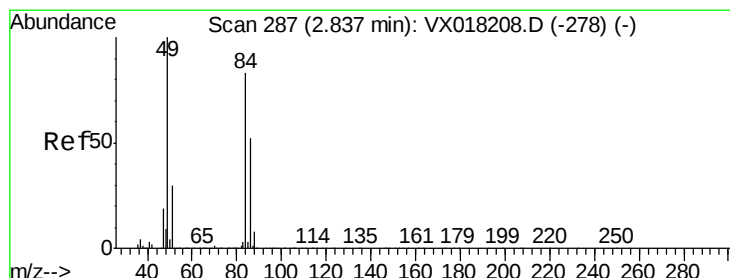
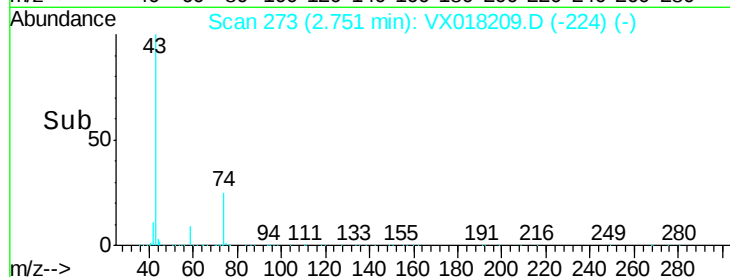
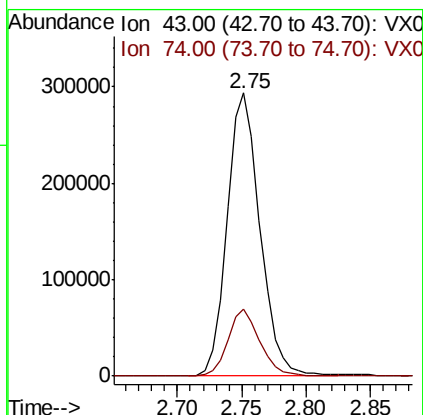
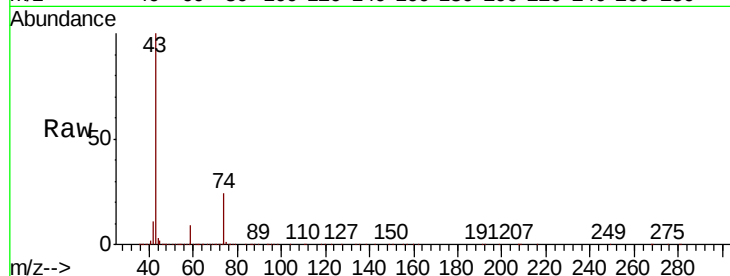




#15
Methvl Acetate
Concen: 89.781 ug/L
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018209.D
Acq: 02 Sep 2020 10:54

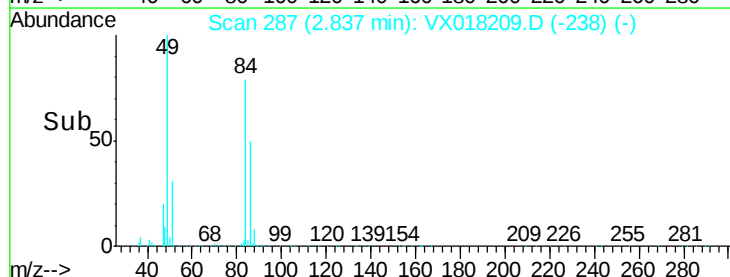
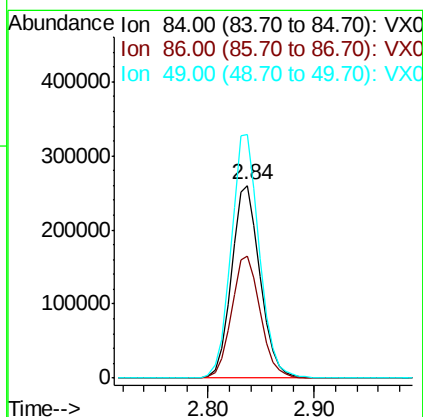
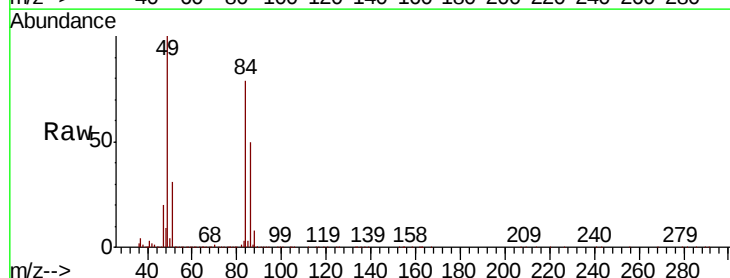
Instrument :
MSVOA_X
ClientSampleId :
VSTD10034

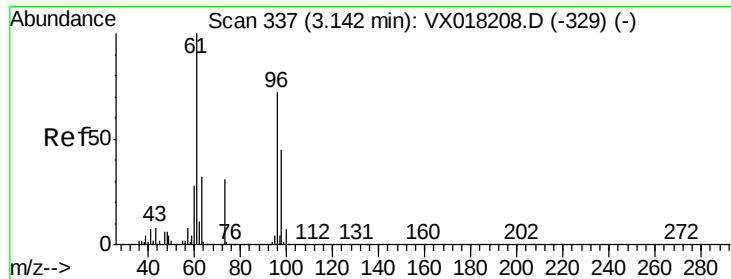
Tot Ion: 43 Resp: 520644
Ion Ratio Lower Upper
43 100
74 22.8 17.8 26.8



#16
Methylene chloride
Concen: 105.664 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018209.D
Acq: 02 Sep 2020 10:54

Tgt Ion: 84 Resp: 490095
Ion Ratio Lower Upper
84 100
86 62.9 43.6 81.0
49 126.2 84.5 156.9





#17

trans-1,2-Dichloroethene

Concen: 106.791 ug/L

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018209.D

Acq: 02 Sep 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTD10034

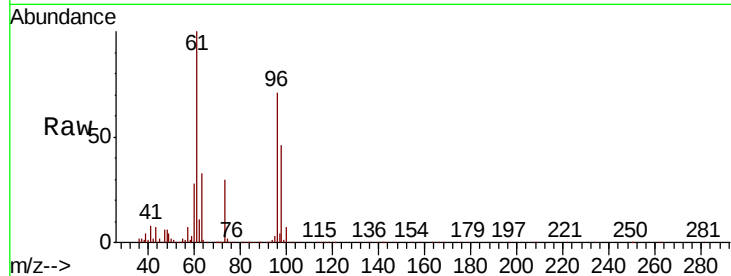
Tot Ion: 96 Resp: 458522

Ion Ratio Lower Upper

96 100

61 141.3 97.1 180.3

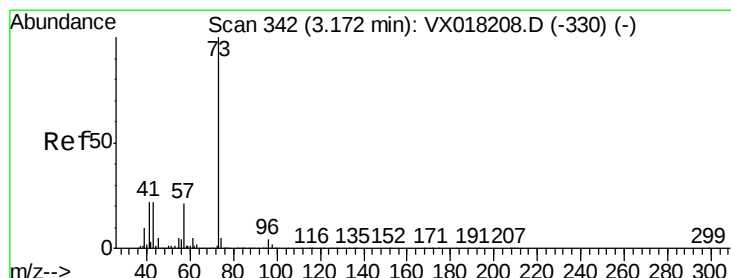
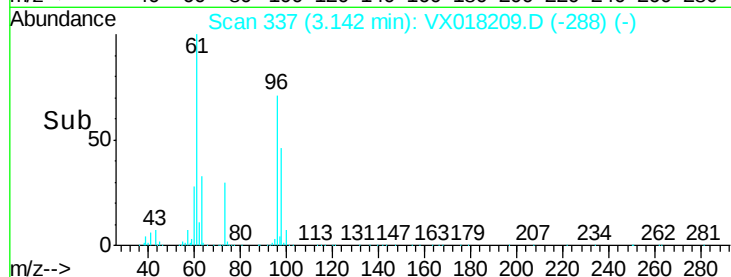
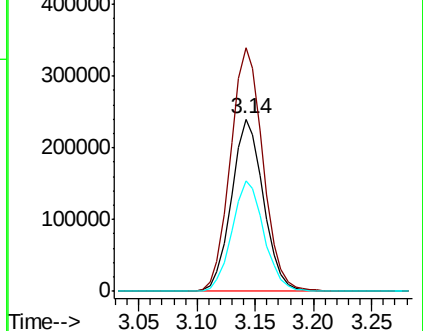
98 64.3 43.9 81.5



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#18

Methyl tert-butyl Ether

Concen: 111.016 ug/L

RT: 3.17 min Scan# 342

Delta R.T. 0.00 min

Lab File: VX018209.D

Acq: 02 Sep 2020 10:54

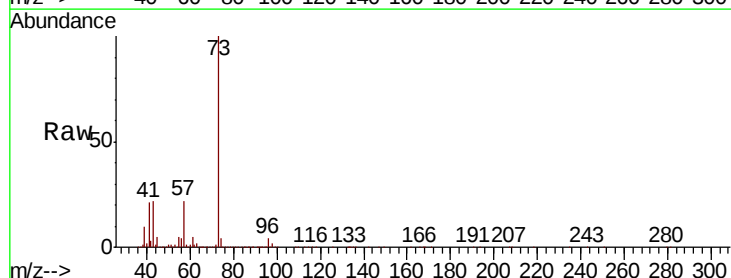
Tgt Ion: 73 Resp: 1527771

Ion Ratio Lower Upper

73 100

43 22.1 17.4 26.2

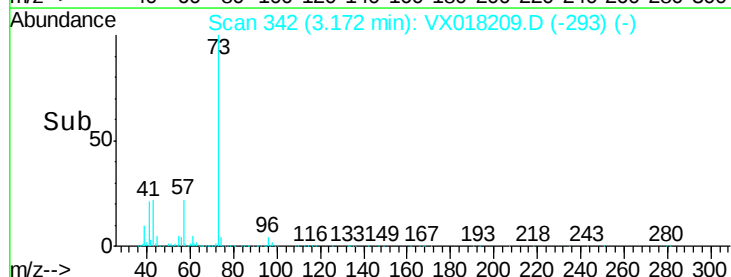
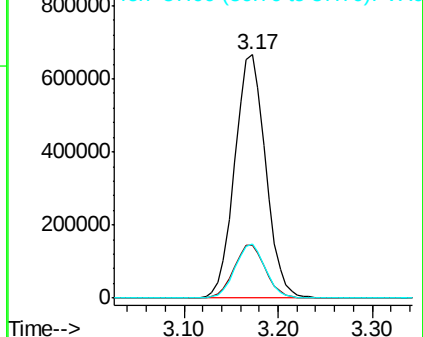
57 21.9 17.1 25.7

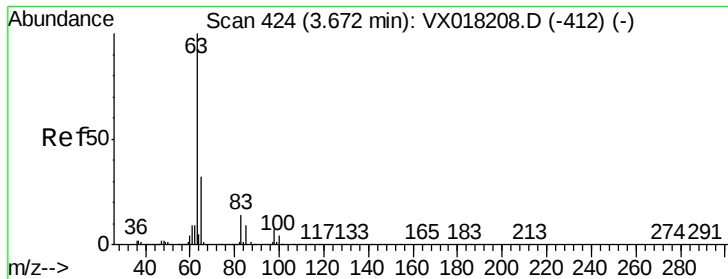


Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

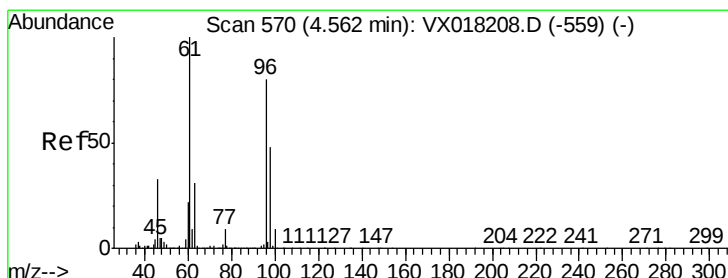
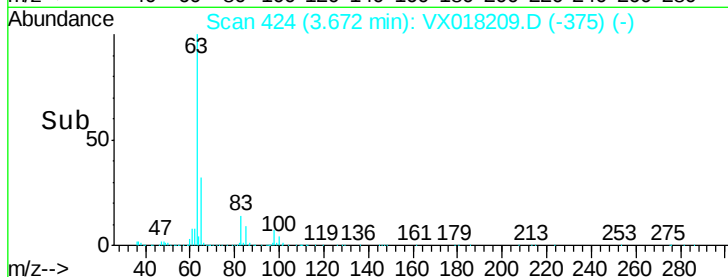
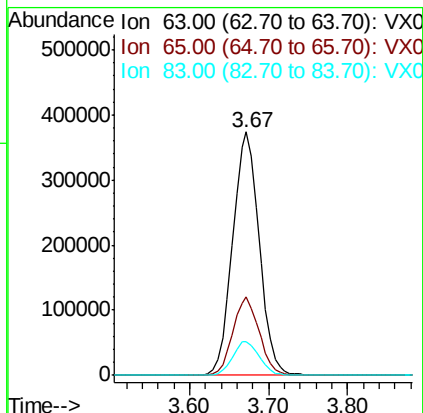
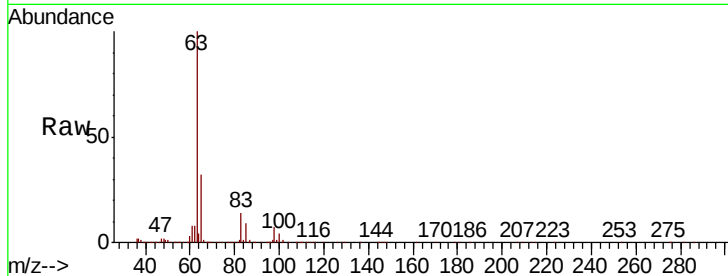




#19
 1,1-Dichloroethane
 Concen: 106.105 ug/L
 RT: 3.67 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VX018209.D
 Acq: 02 Sep 2020 10:54

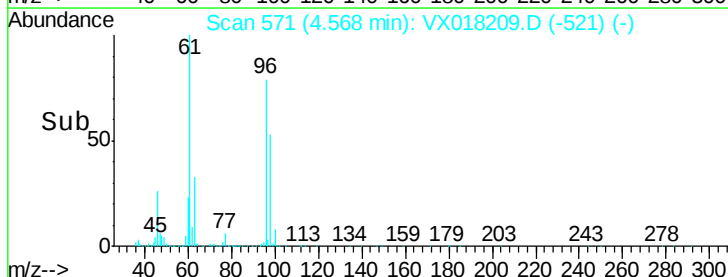
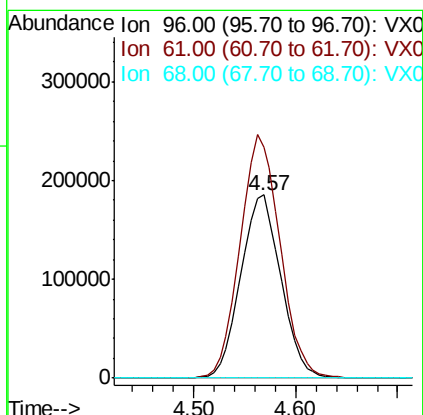
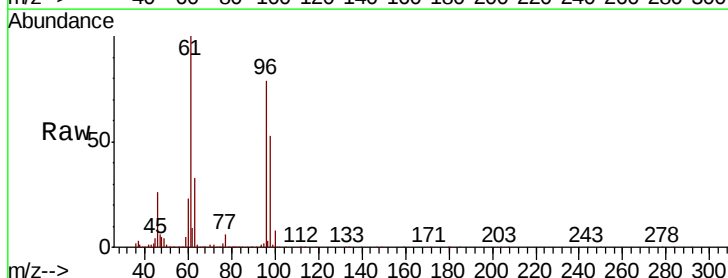
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD10034

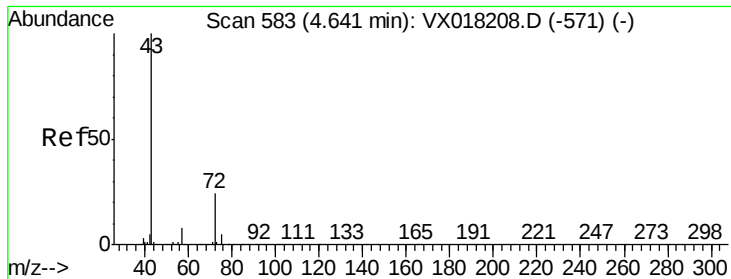
Tot Ion:	63	Resp:	876402
Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.7	42.3
83	13.8	9.7	18.1



#20
 cis-1,2-Dichloroethene
 Concen: 104.962 ug/L
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX018209.D
 Acq: 02 Sep 2020 10:54

Tgt Ion:	96	Resp:	508389
Ion	Ratio	Lower	Upper
96	100		
61	125.9	88.0	163.4
68	0.0	0.1	0.1#





#22

2-Butanone

Concen: 165.416 ug/L

RT: 4.64 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX018209.D

Acq: 02 Sep 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

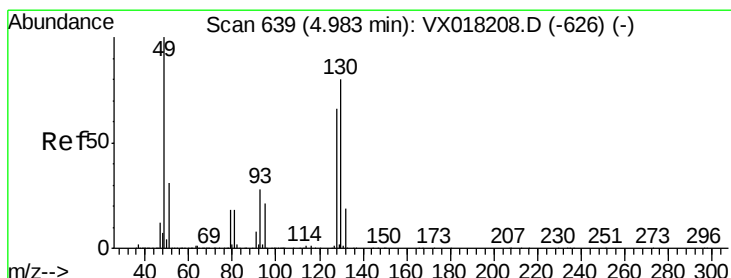
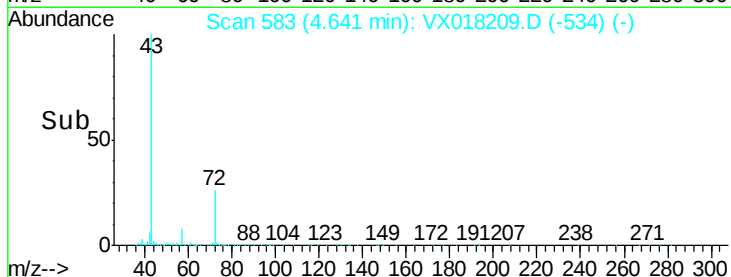
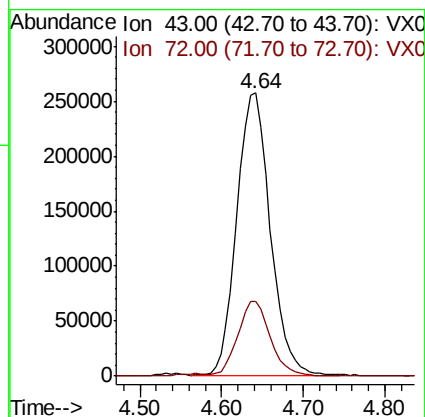
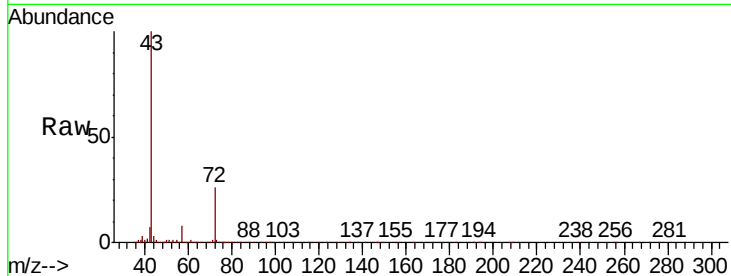
VSTD10034

Tot Ion: 43 Resp: 728618

Ion Ratio Lower Upper

43 100

72 26.0 12.7 38.1



#23

Bromochloromethane

Concen: 114.974 ug/L

RT: 4.99 min Scan# 640

Delta R.T. 0.01 min

Lab File: VX018209.D

Acq: 02 Sep 2020 10:54

Tgt Ion: 128 Resp: 283341

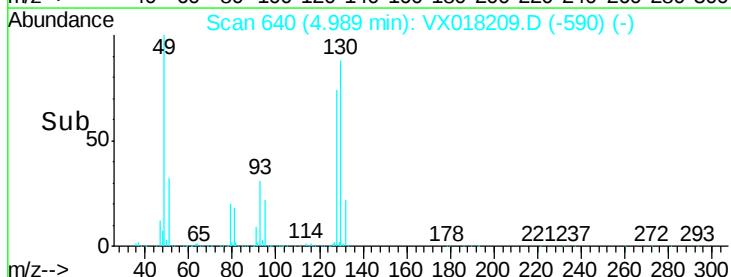
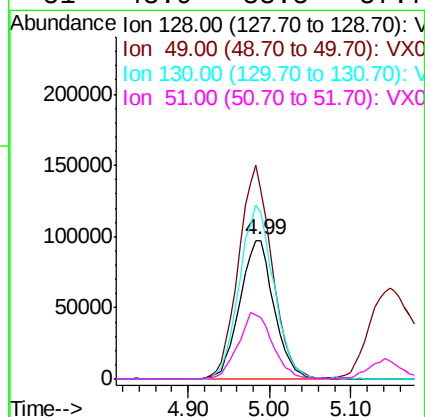
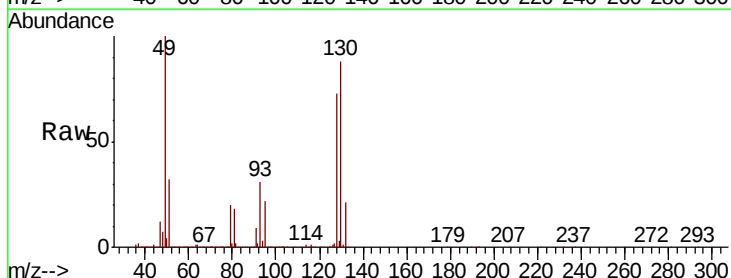
Ion Ratio Lower Upper

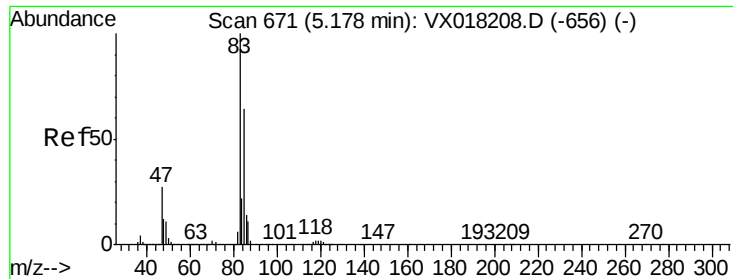
128 100

49 136.1 106.8 198.4

130 119.7 85.3 158.5

51 43.9 38.5 57.7





#25

Chloroform

Concen: 104.207 ug/L

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX018209.D

Acq: 02 Sep 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

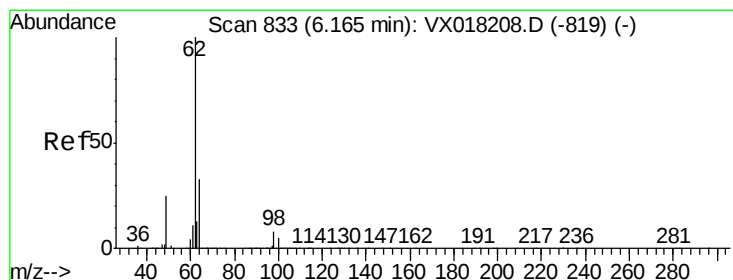
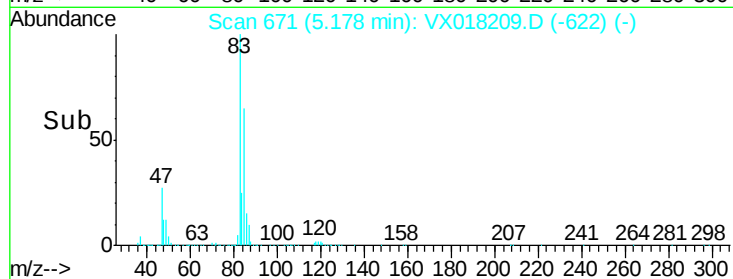
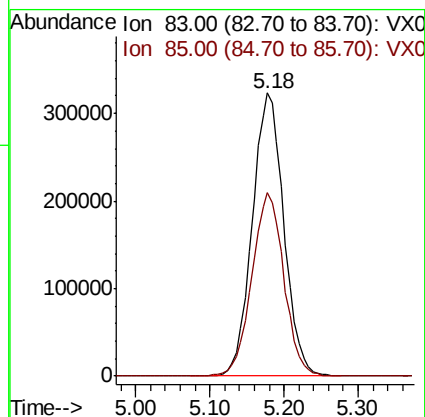
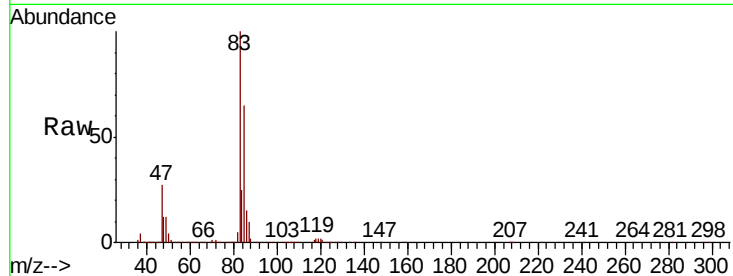
VSTD10034

Tot Ion: 83 Resp: 958149

Ion Ratio Lower Upper

83 100

85 65.0 44.7 83.1



#27

1,2-Dichloroethane

Concen: 101.803 ug/L

RT: 6.17 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX018209.D

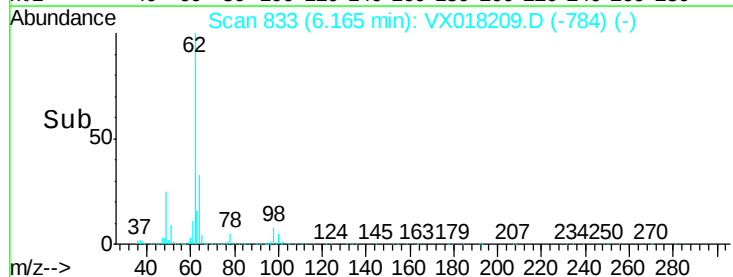
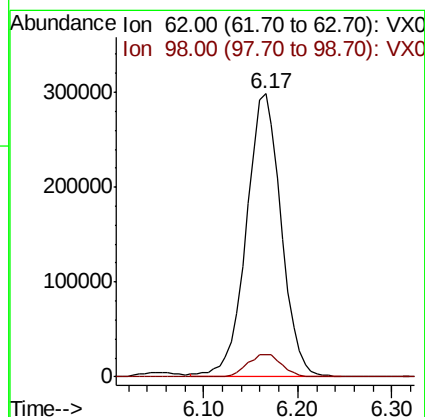
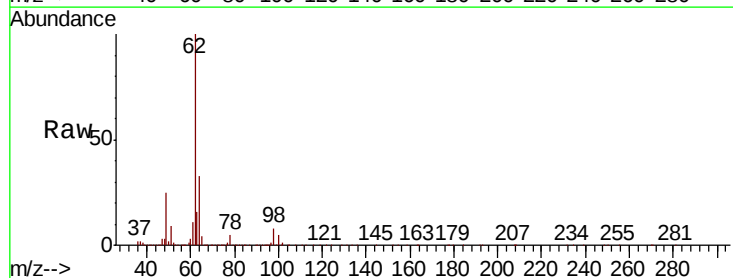
Acq: 02 Sep 2020 10:54

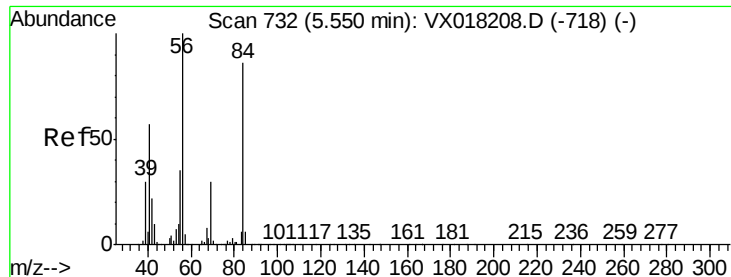
Tgt Ion: 62 Resp: 770844

Ion Ratio Lower Upper

62 100

98 7.8 6.6 9.8

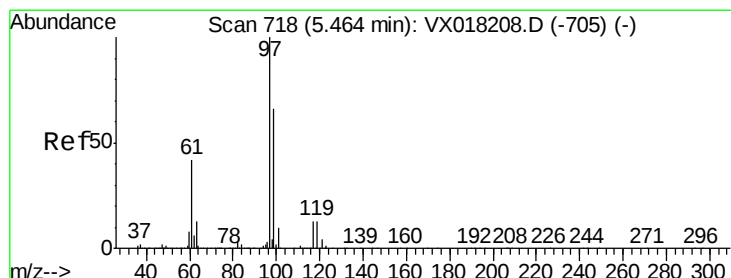
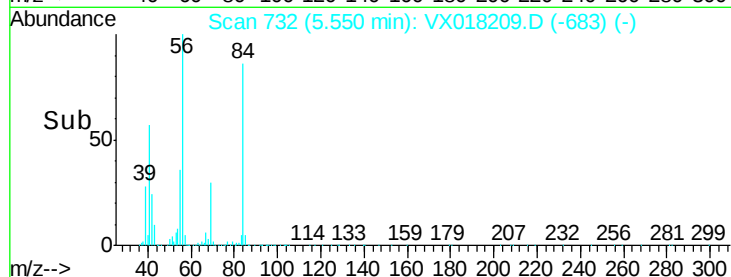
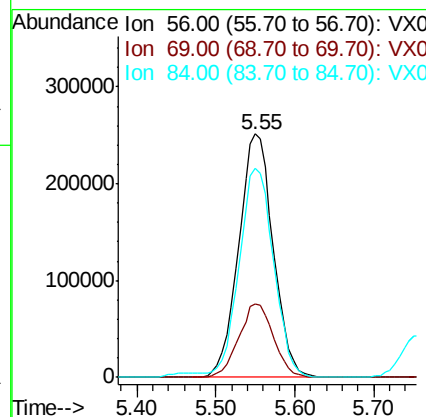
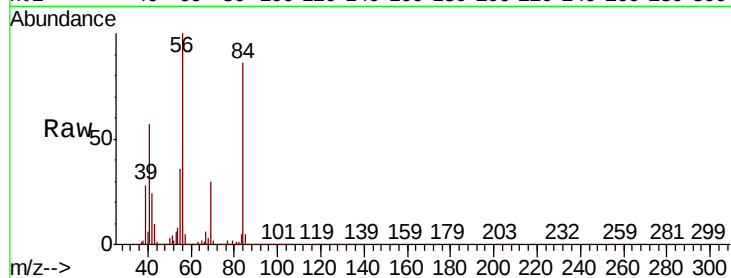




#29
Cyclohexane
Concen: 110.457 ug/L
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX018209.D
Acq: 02 Sep 2020 10:54

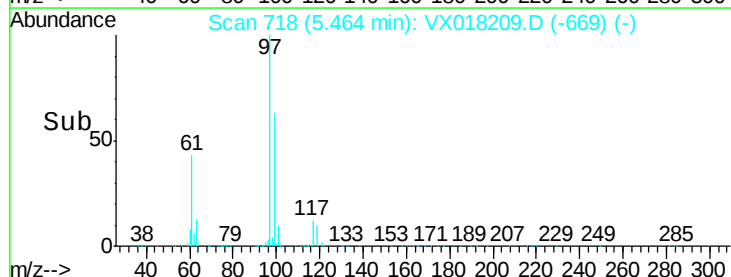
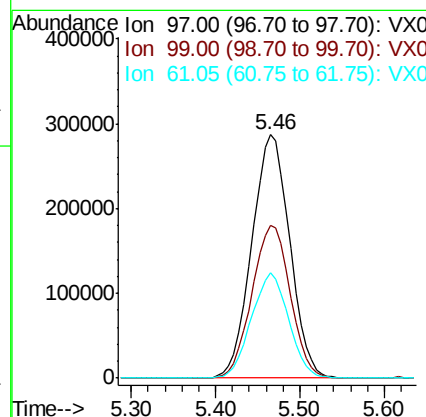
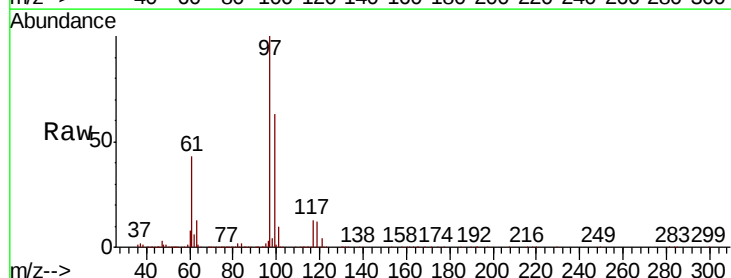
Instrument :
MSVOA_X
ClientSampleId :
VSTD10034

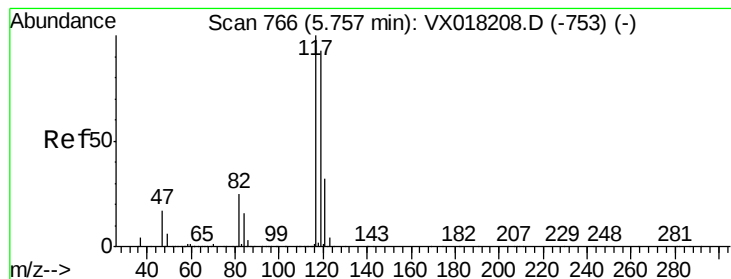
Tot Ion	Ratio	Lower	Upper
56	100		
69	30.3	25.4	38.2
84	85.7	69.8	104.8



#30
1,1,1-Trichloroethane
Concen: 113.924 ug/L
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX018209.D
Acq: 02 Sep 2020 10:54

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.7	77.5
61	42.5	33.8	50.6





#31

Carbon tetrachloride

Concen: 123.626 ug/L

RT: 5.76 min Scan# 766

Delta R.T. 0.00 min

Lab File: VX018209.D

Acq: 02 Sep 2020 10:54

Instrument :

MSVOA_X

ClientSampled :

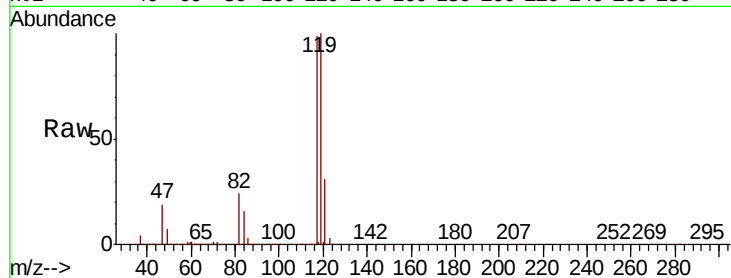
VSTD10034

Tot Ion:117 Resp: 812909

Ion Ratio Lower Upper

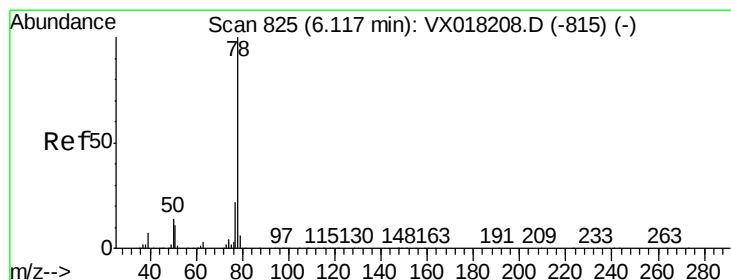
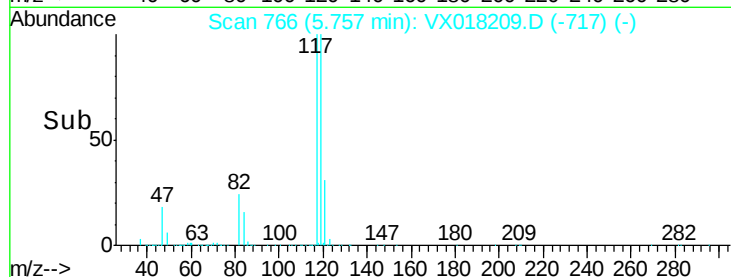
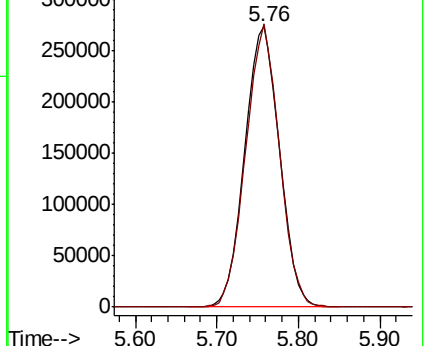
117 100

119 97.7 76.8 115.2



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 108.619 ug/L

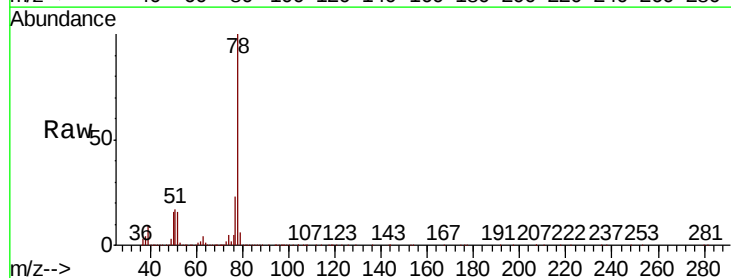
RT: 6.12 min Scan# 825

Delta R.T. 0.00 min

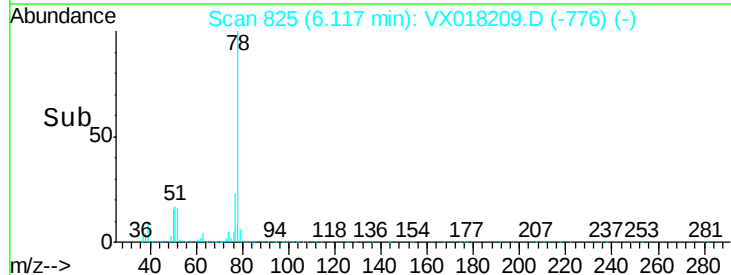
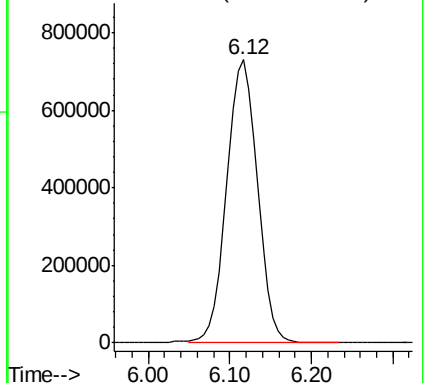
Lab File: VX018209.D

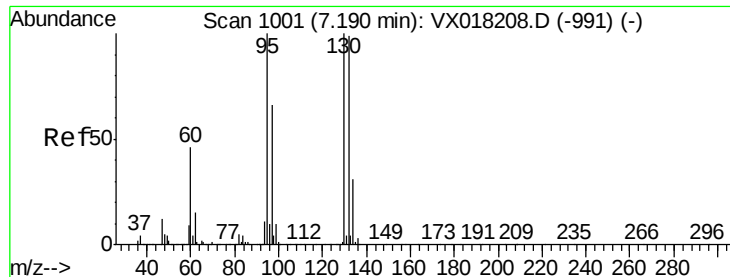
Acq: 02 Sep 2020 10:54

Tgt Ion: 78 Resp: 1908784



Abundance Ion 78.00 (77.70 to 78.70): VX0





#34

Trichloroethene

Concen: 111.595 ug/L

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX018209.D

Acq: 02 Sep 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTD10034

Tot Ion: 95 Resp: 522389

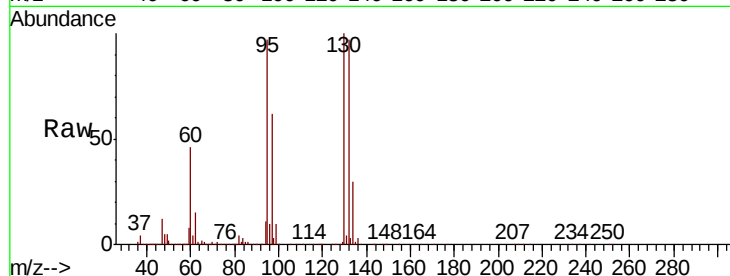
Ion Ratio Lower Upper

95 100

97 63.8 46.2 85.8

132 100.2 69.2 128.4

130 103.2 70.1 130.3

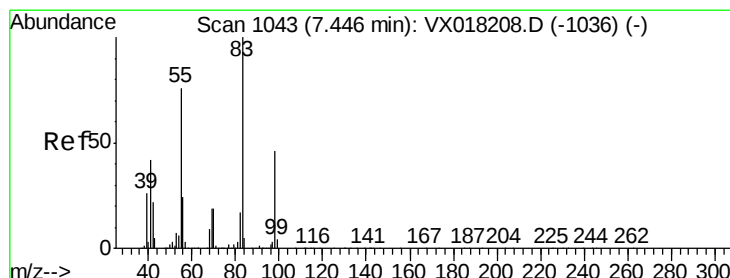
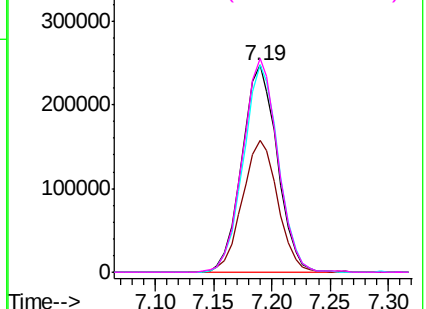
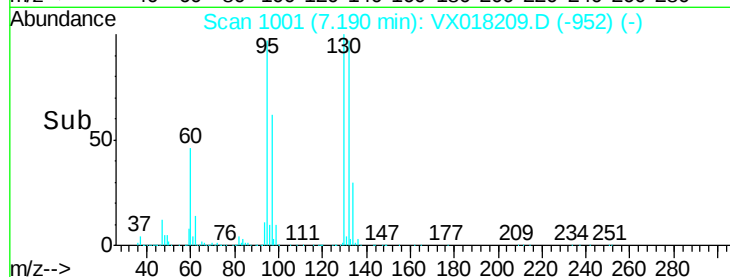


Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 97.00 (96.70 to 97.70): VX0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 109.190 ug/L

RT: 7.44 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX018209.D

Acq: 02 Sep 2020 10:54

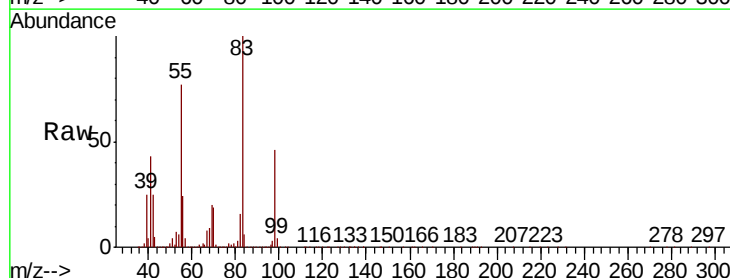
Tgt Ion: 83 Resp: 781987

Ion Ratio Lower Upper

83 100

55 77.2 62.6 94.0

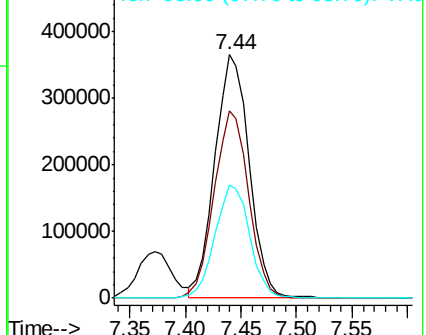
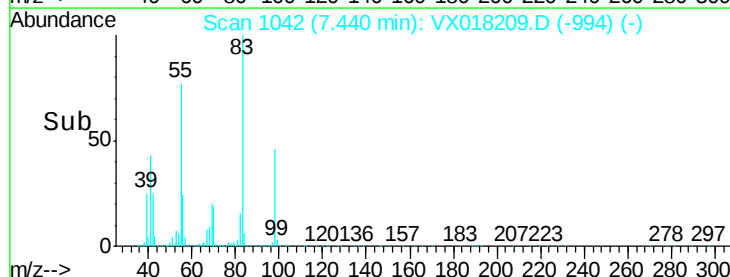
98 46.8 37.1 55.7

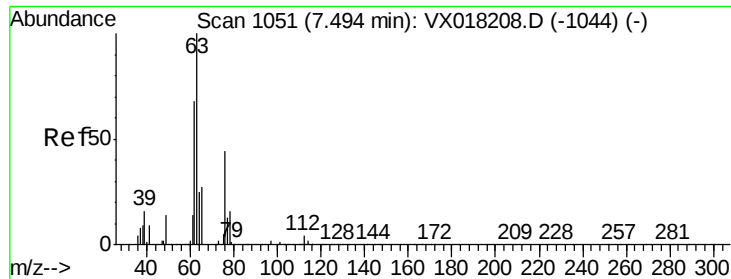


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

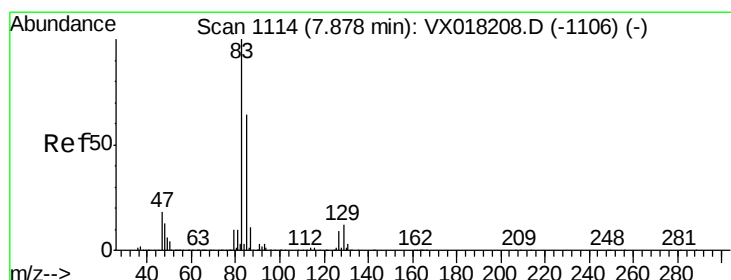
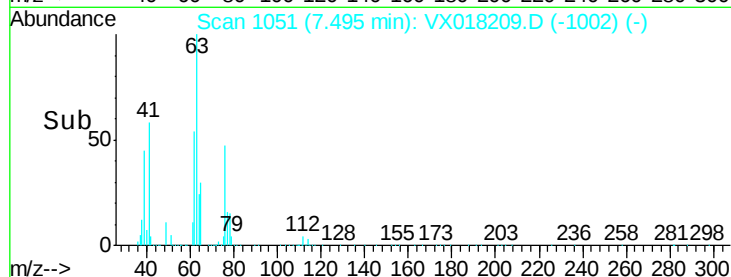
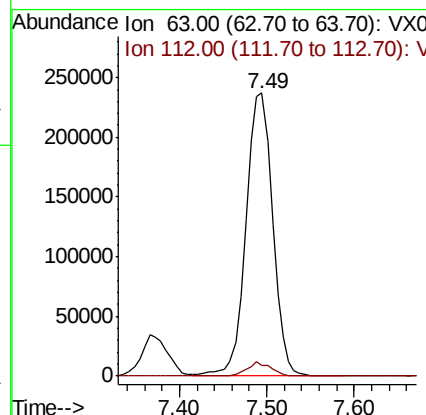
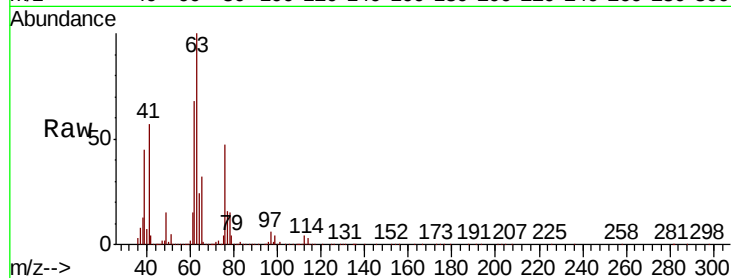




#37
 1,2-Dichloropropane
 Concen: 106.205 ug/L
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VX018209.D
 Acq: 02 Sep 2020 10:54

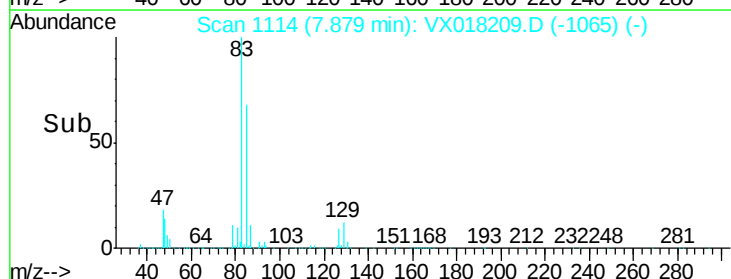
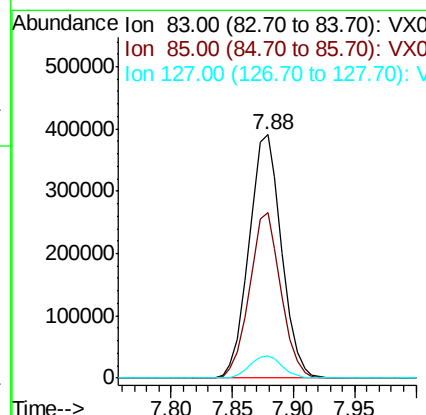
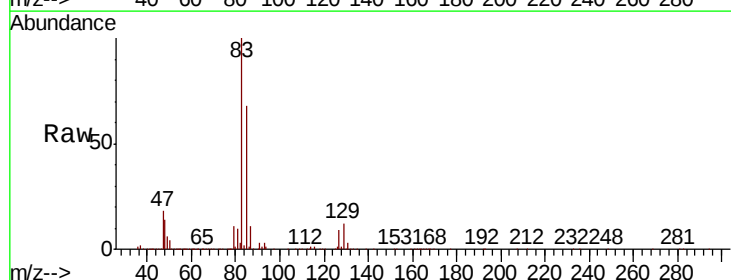
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD10034

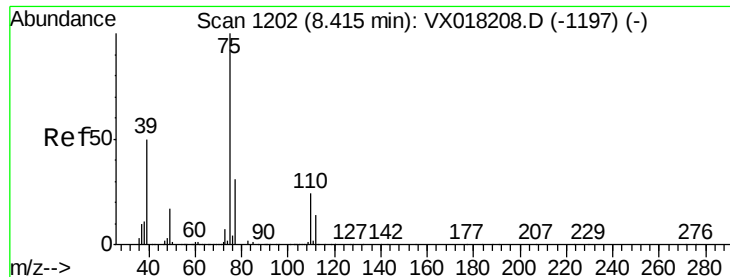
Tot Ion: 63 Resp: 503278
 Ion Ratio Lower Upper
 63 100
 112 4.3 3.6 5.4



#38
 Bromodichloromethane
 Concen: 113.639 ug/L
 RT: 7.88 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: VX018209.D
 Acq: 02 Sep 2020 10:54

Tgt Ion: 83 Resp: 722685
 Ion Ratio Lower Upper
 83 100
 85 68.1 44.5 82.7
 127 9.2 7.4 11.2





#39

cis-1,3-Dichloropropene

Concen: 116.329 ug/L

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018209.D

Acq: 02 Sep 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

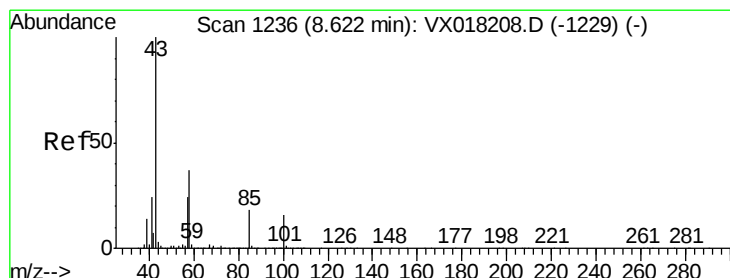
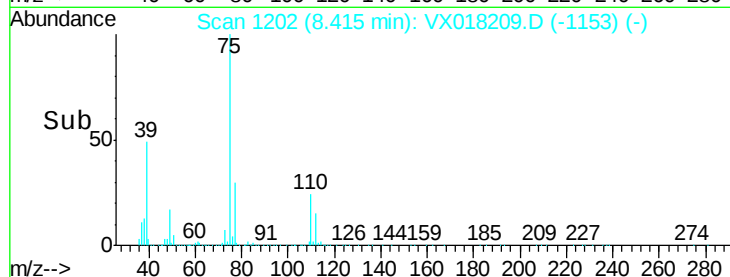
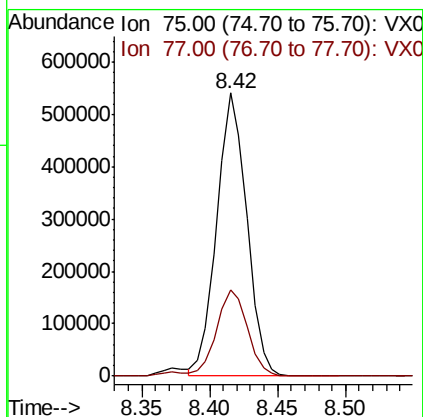
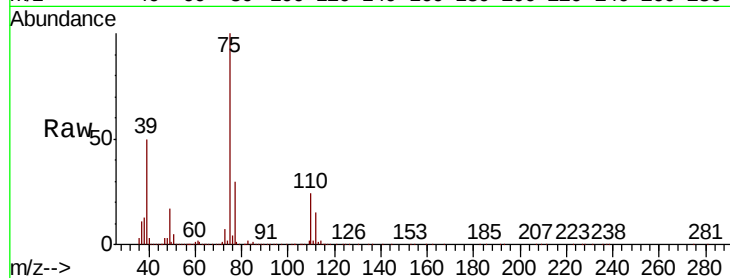
VSTD10034

Tot Ion: 75 Resp: 831879

Ion Ratio Lower Upper

75 100

77 30.3 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 184.146 ug/L

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX018209.D

Acq: 02 Sep 2020 10:54

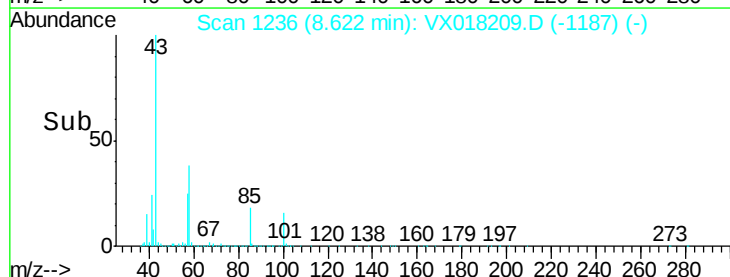
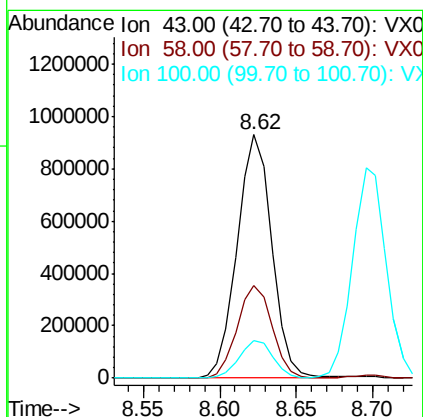
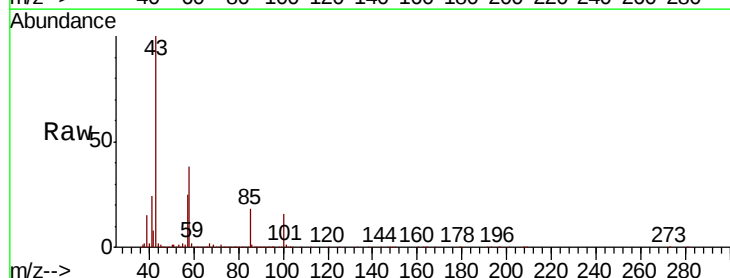
Tgt Ion: 43 Resp: 1461959

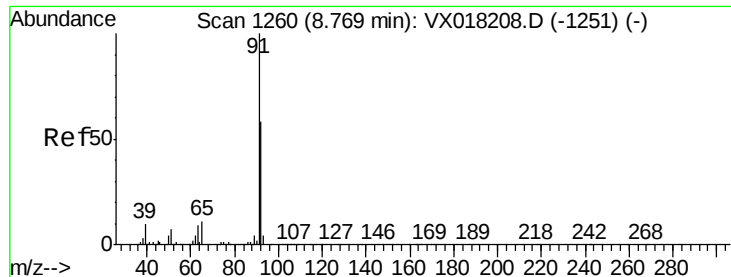
Ion Ratio Lower Upper

43 100

58 38.5 30.3 45.5

100 15.3 11.9 17.9





#42

Toluene

Concen: 109.578 ug/L

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX018209.D

Acq: 02 Sep 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

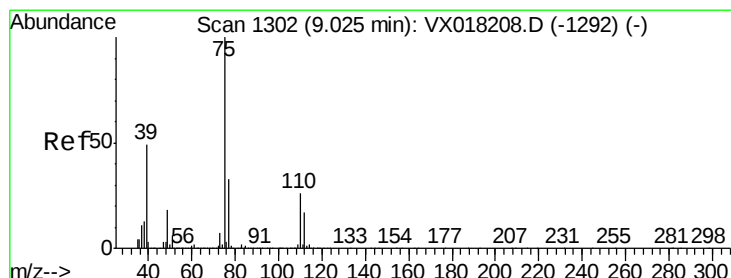
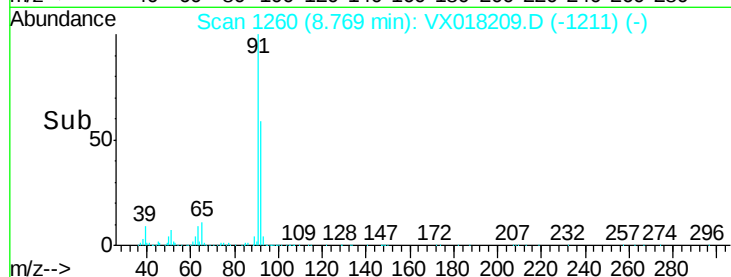
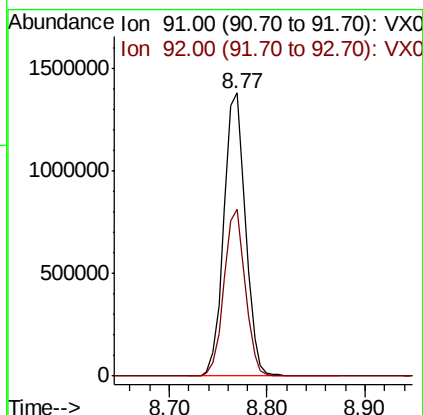
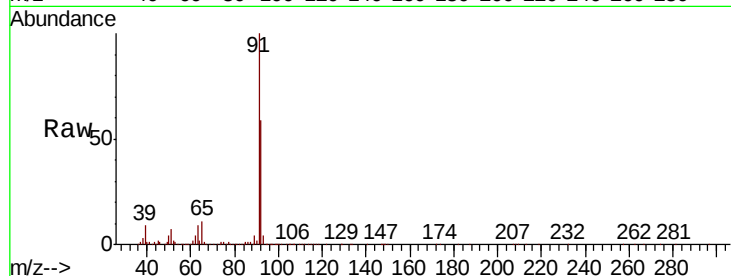
VSTD10034

Tot Ion: 91 Resp: 2117754

Ion Ratio Lower Upper

91 100

92 58.8 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 122.679 ug/L

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018209.D

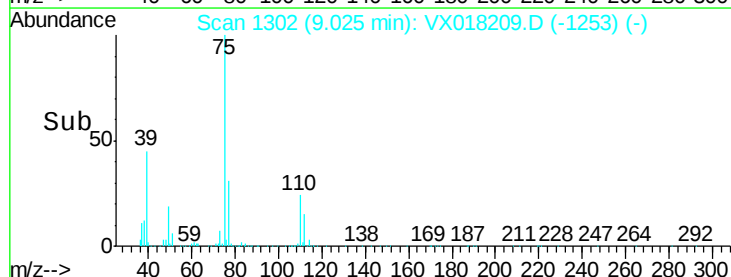
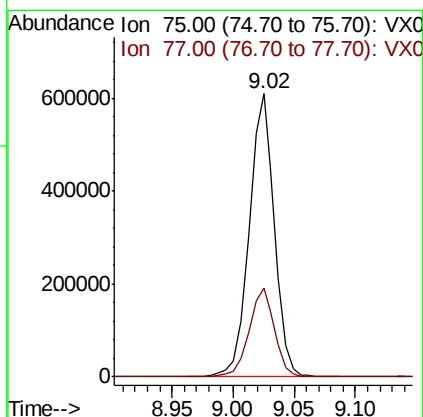
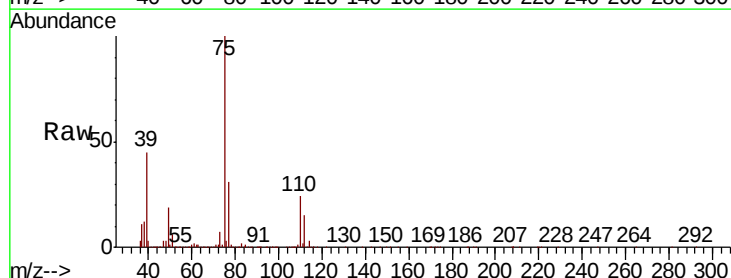
Acq: 02 Sep 2020 10:54

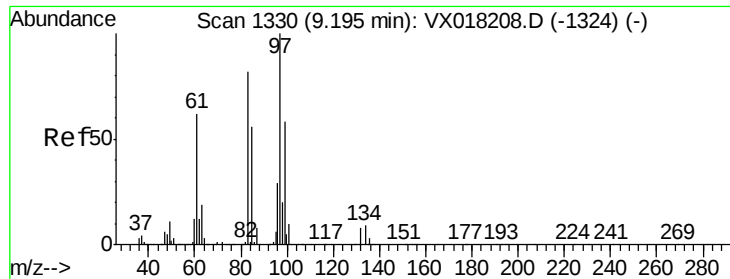
Tgt Ion: 75 Resp: 869066

Ion Ratio Lower Upper

75 100

77 31.4 23.2 43.0

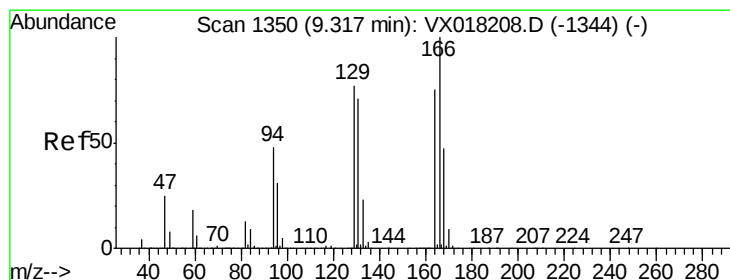
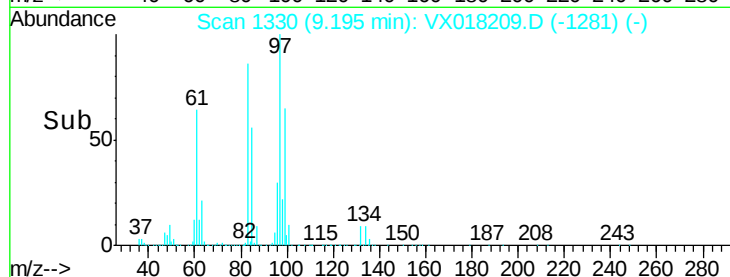
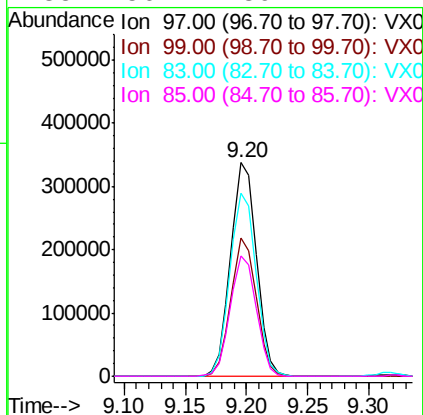
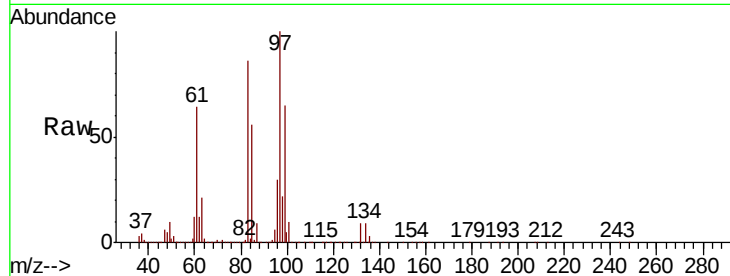




#45
 1,1,2-Trichloroethane
 Concen: 107.976 ug/L
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018209.D
 Acq: 02 Sep 2020 10:54

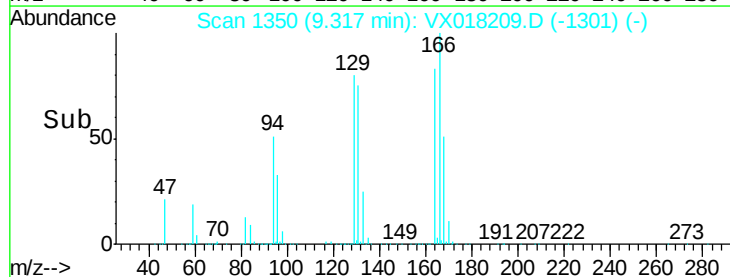
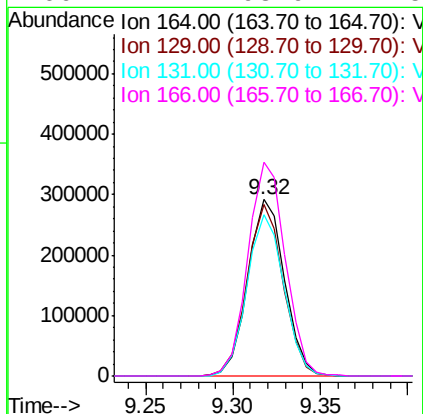
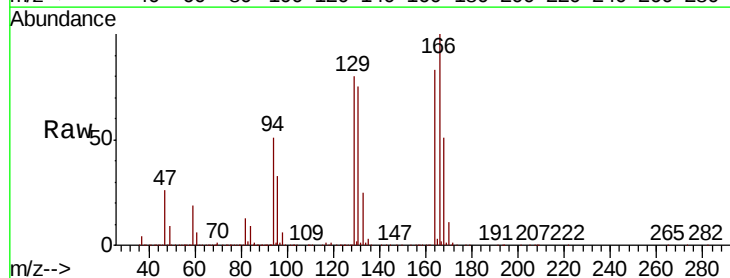
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD10034

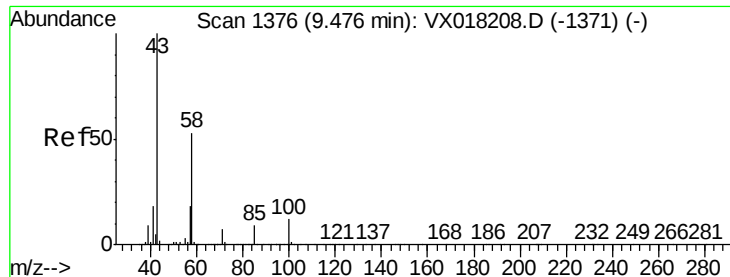
Tot Ion:	97	Resp:	494108
Ion	Ratio	Lower	Upper
97	100		
99	64.7	40.3	74.9
83	85.9	57.7	107.1
85	56.2	39.1	72.7



#46
 Tetrachloroethene
 Concen: 116.745 ug/L
 RT: 9.32 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: VX018209.D
 Acq: 02 Sep 2020 10:54

Tgt Ion:	164	Resp:	424082
Ion	Ratio	Lower	Upper
164	100		
129	97.5	72.0	133.6
131	91.4	66.8	124.2
166	121.2	93.9	174.5



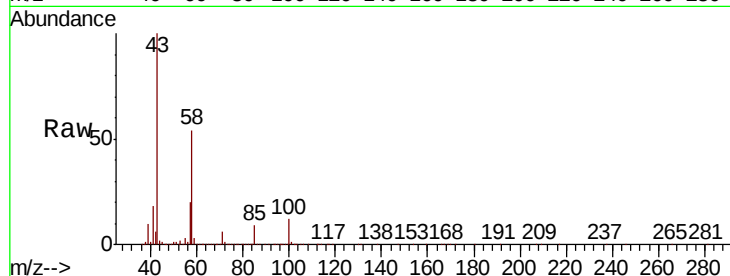


#48
2-Hexanone
Concen: 183.367 ug/L
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX018209.D
Acq: 02 Sep 2020 10:54

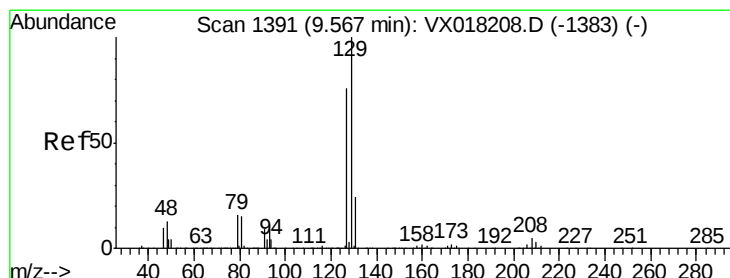
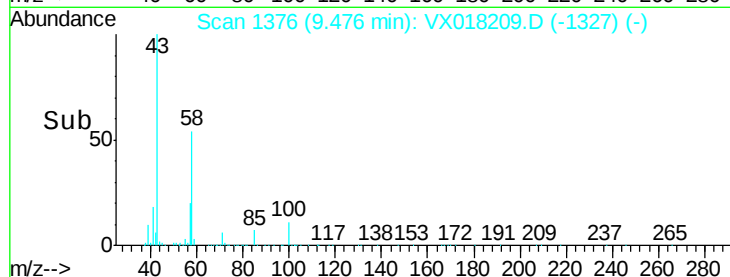
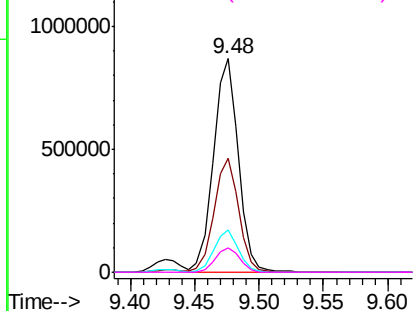
Instrument :
MSVOA_X
ClientSampleId :
VSTD10034

Tot Ion: 43 Resp: 1179672

Ion	Ratio	Lower	Upper
43	100		
58	52.8	41.8	62.8
57	19.0	15.2	22.8
100	11.5	9.4	14.2



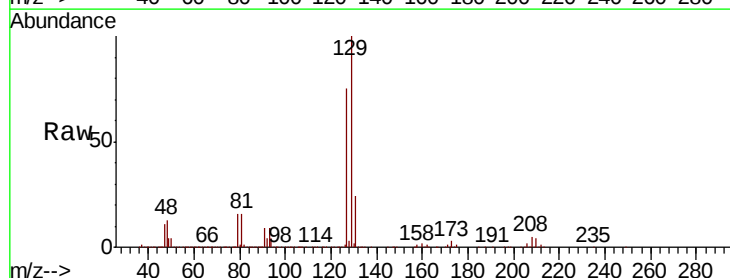
Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 57.00 (56.70 to 57.70): VX0
Ion 100.00 (99.70 to 100.70): V



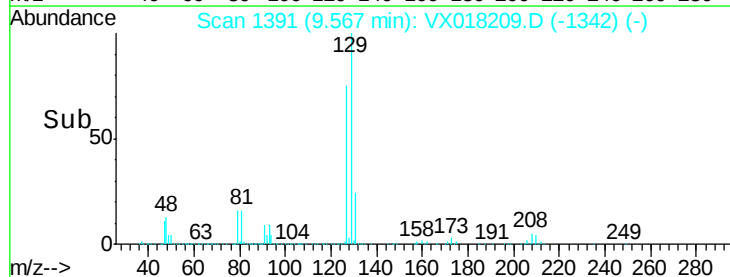
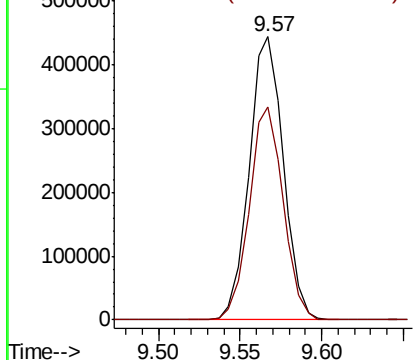
#49
Dibromochloromethane
Concen: 122.690 ug/L
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018209.D
Acq: 02 Sep 2020 10:54

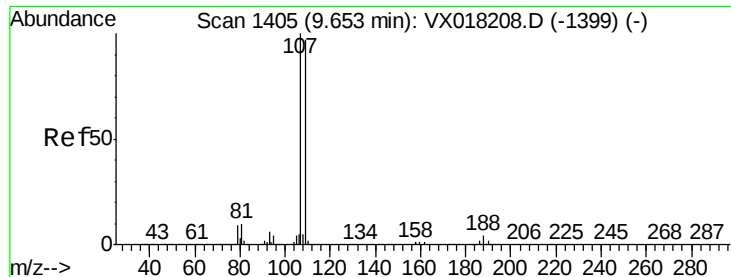
Tgt Ion: 129 Resp: 645439

Ion	Ratio	Lower	Upper
129	100		
127	75.1	53.1	98.5



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

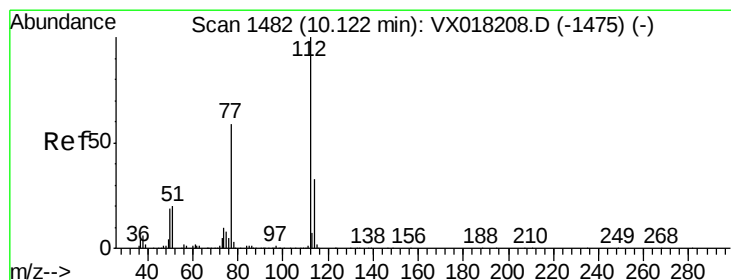
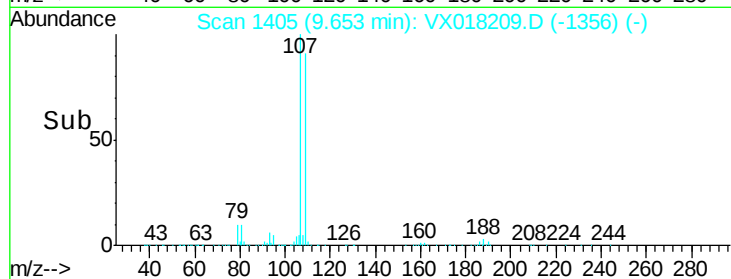
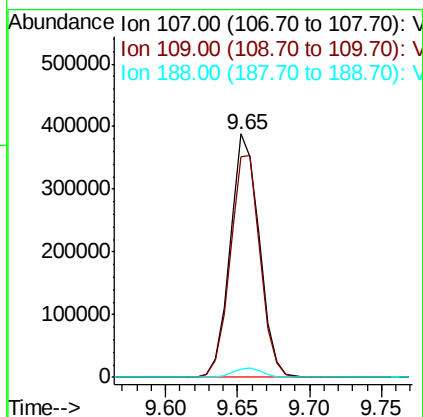
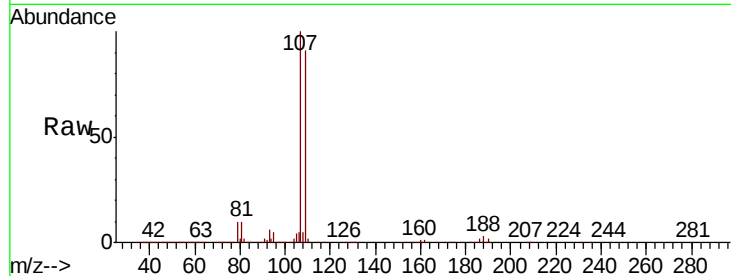




#50
 1,2-Dibromoethane
 Concen: 109.430 ug/L
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX018209.D
 Acq: 02 Sep 2020 10:54

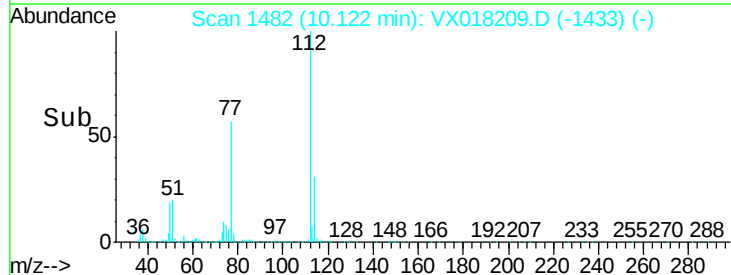
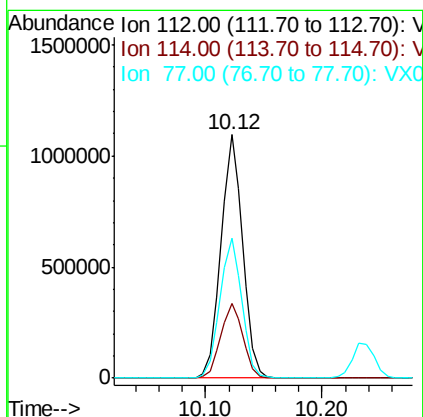
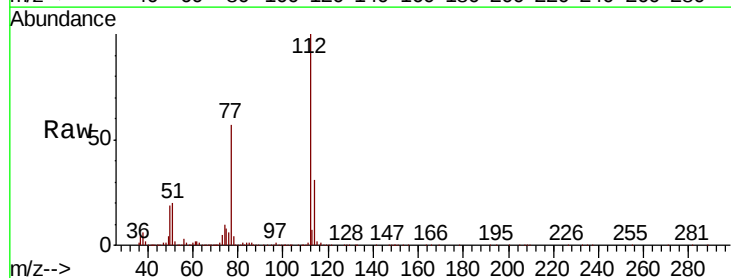
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD10034

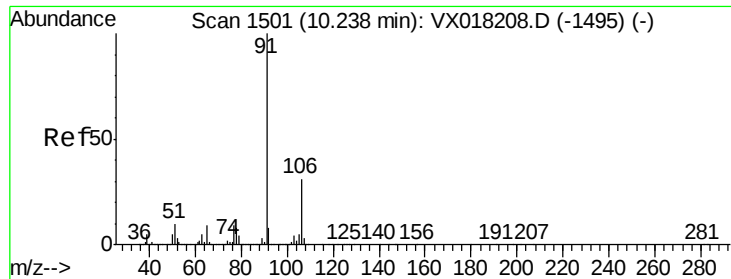
Tot Ion	Ratio	Lower	Upper
107	100		
109	90.7	68.0	126.2
188	3.3	2.8	4.2



#51
 Chlorobenzene
 Concen: 112.461 ug/L
 RT: 10.12 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: VX018209.D
 Acq: 02 Sep 2020 10:54

Tgt Ion	Ratio	Lower	Upper
112	100		
114	30.9	23.2	43.2
77	57.3	47.0	70.6





#52

Ethylbenzene

Concen: 111.234 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018209.D

Acq: 02 Sep 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

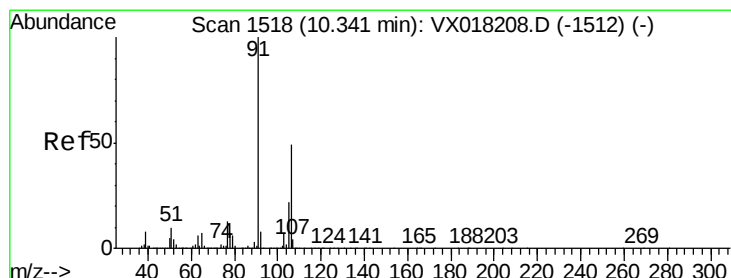
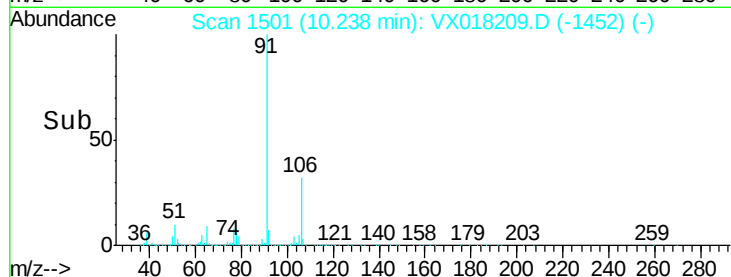
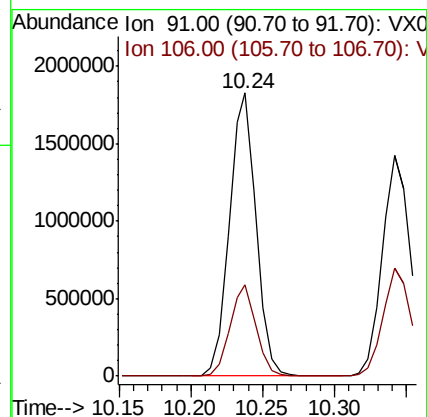
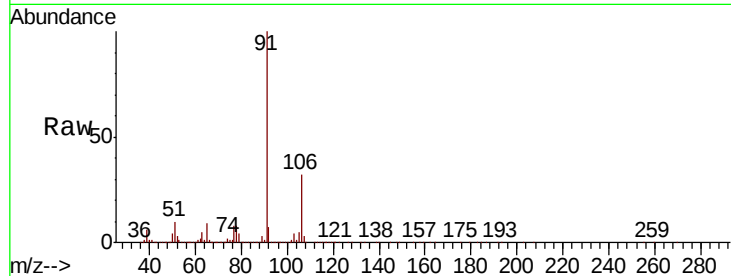
VSTD10034

Tot Ion: 91 Resp: 2371981

Ion Ratio Lower Upper

91 100

106 32.1 21.9 40.7



#53

m,p-Xylene

Concen: 112.782 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018209.D

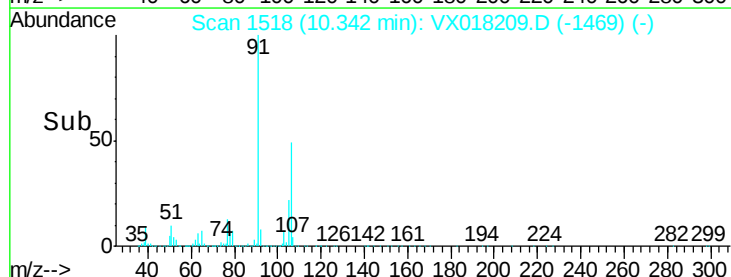
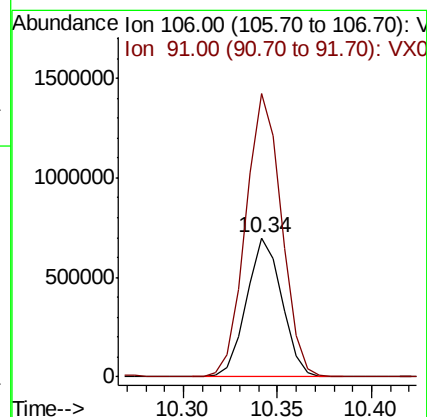
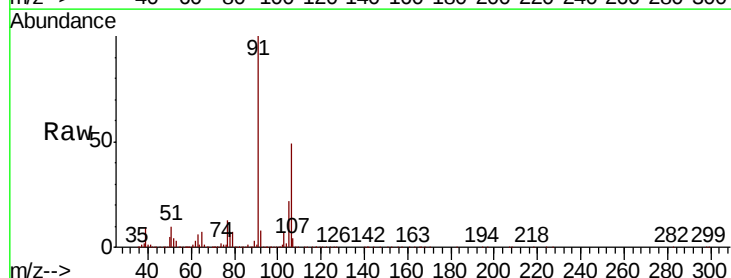
Acq: 02 Sep 2020 10:54

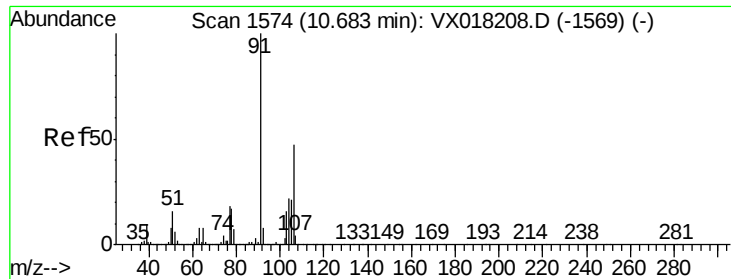
Tgt Ion: 106 Resp: 910898

Ion Ratio Lower Upper

106 100

91 203.1 142.2 264.2





#54

o-xylene

Concen: 114.240 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018209.D

Acq: 02 Sep 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

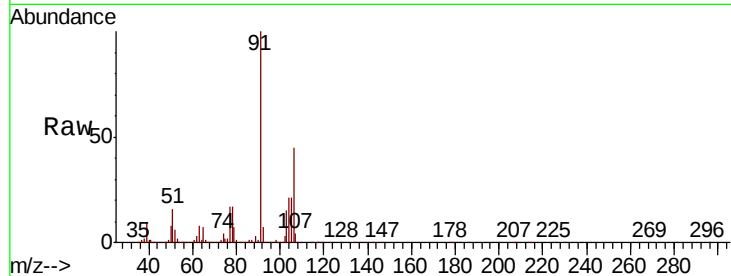
VSTD10034

Tot Ion:106 Resp: 885255

Ion Ratio Lower Upper

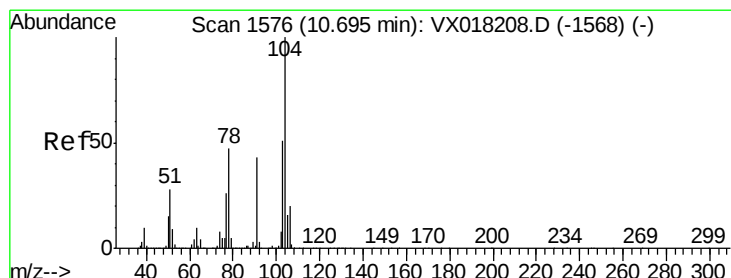
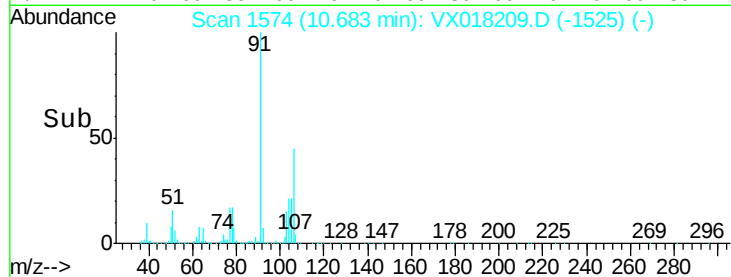
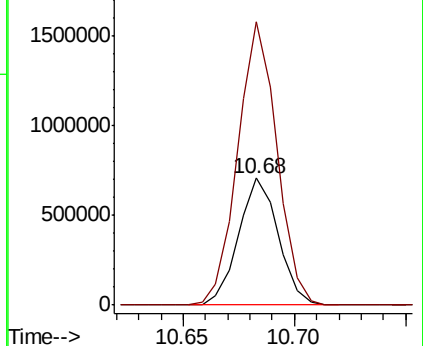
106 100

91 223.0 150.3 279.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#55

Styrene

Concen: 116.835 ug/L

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX018209.D

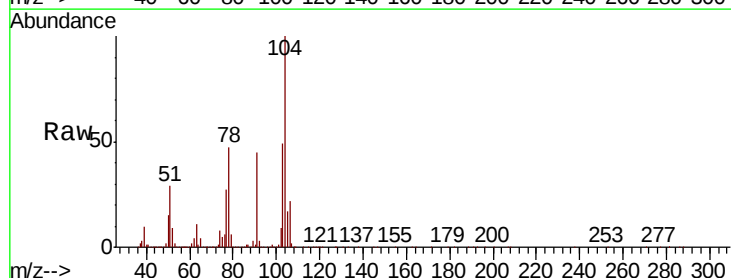
Acq: 02 Sep 2020 10:54

Tgt Ion:104 Resp: 1564277

Ion Ratio Lower Upper

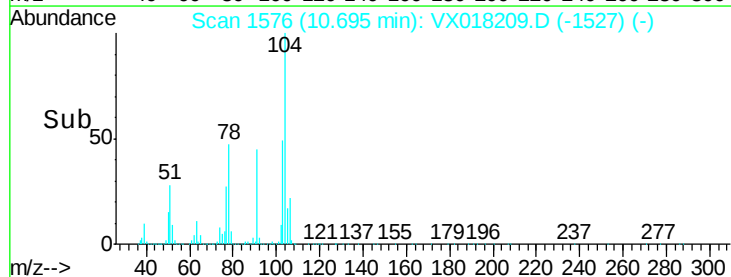
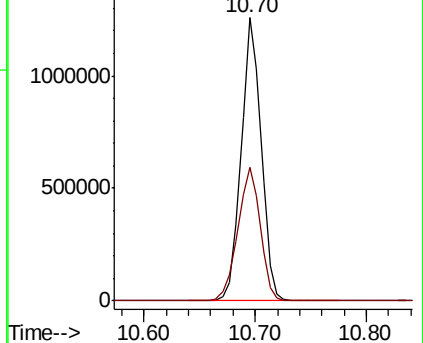
104 100

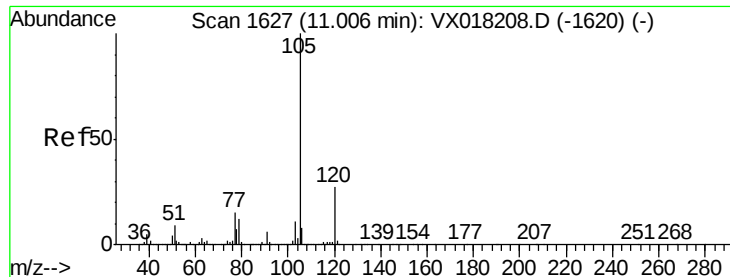
78 47.3 33.1 61.5



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0





#56

Isopropylbenzene

Concen: 114.065 ug/L

RT: 11.01 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX018209.D

Acq: 02 Sep 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VSTD10034

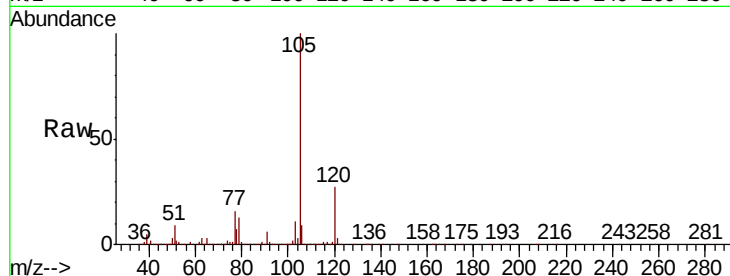
Tot Ion:105 Resp: 2395587

Ion Ratio Lower Upper

105 100

120 26.8 21.3 31.9

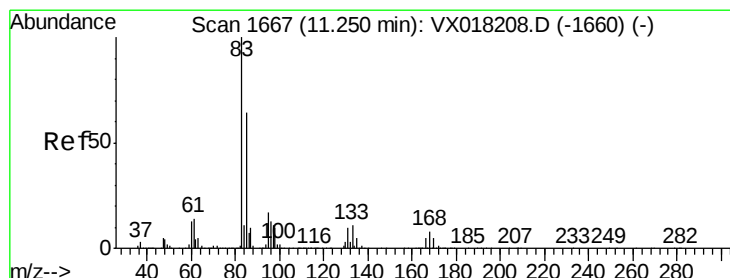
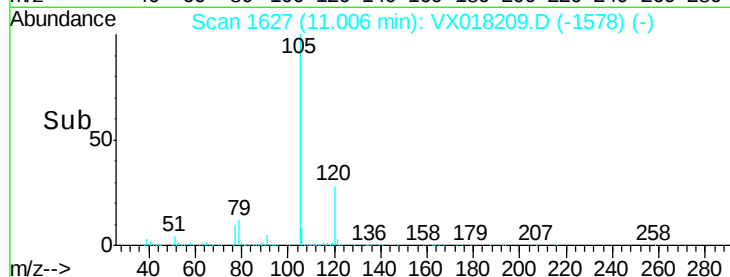
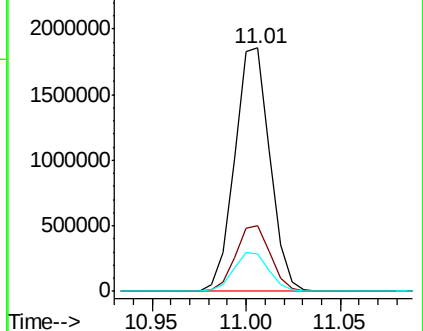
77 15.9 12.7 19.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 92.936 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018209.D

Acq: 02 Sep 2020 10:54

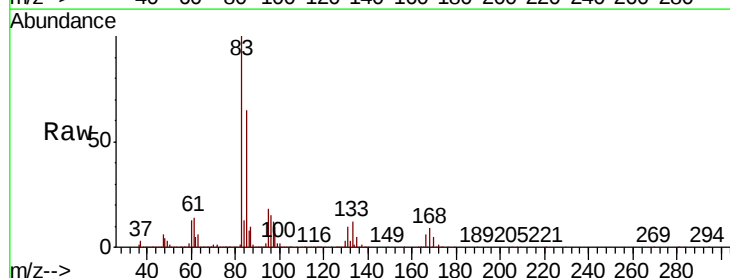
Tgt Ion: 83 Resp: 747263

Ion Ratio Lower Upper

83 100

85 65.1 44.6 82.8

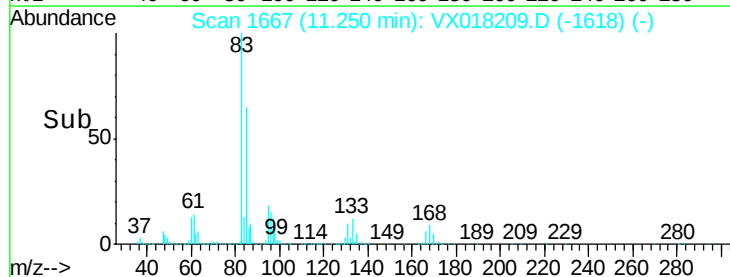
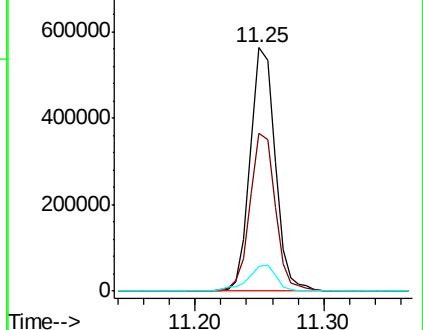
131 10.3 8.0 12.0

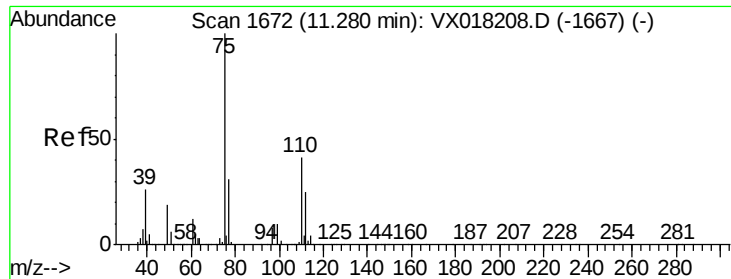


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 97.783 ug/L

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018209.D

Acq: 02 Sep 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

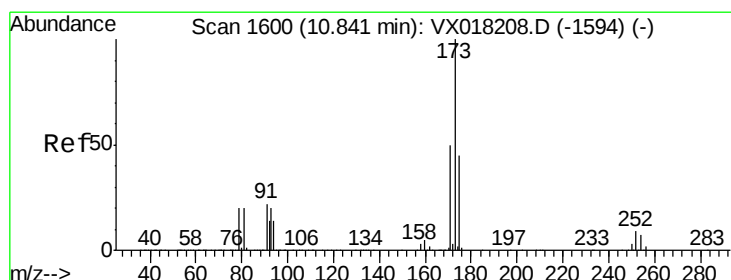
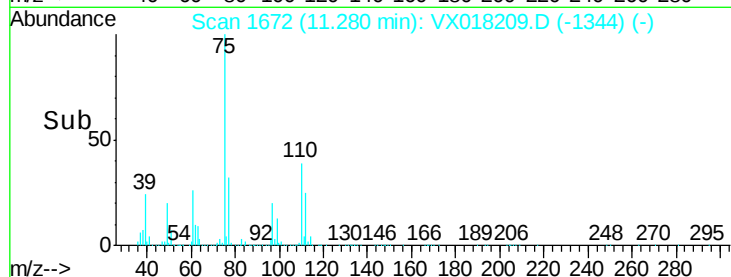
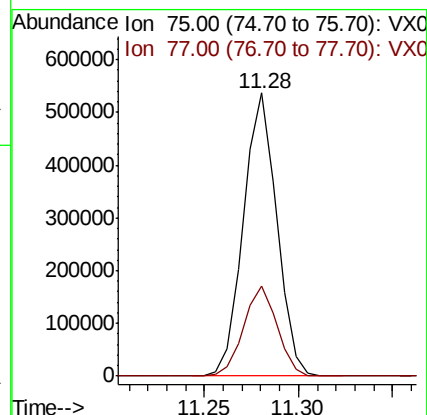
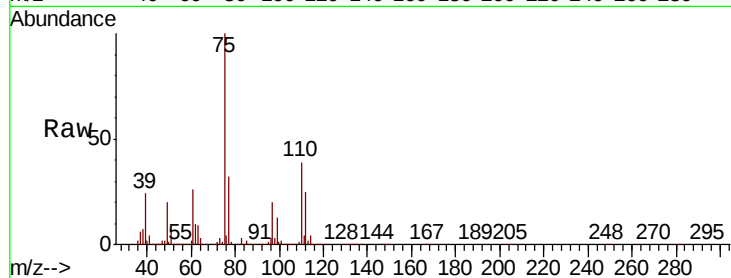
VSTD10034

Tot Ion: 75 Resp: 659826

Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.8



#61

Bromoform

Concen: 125.801 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018209.D

Acq: 02 Sep 2020 10:54

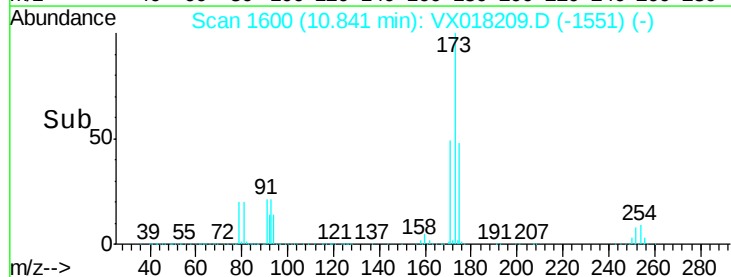
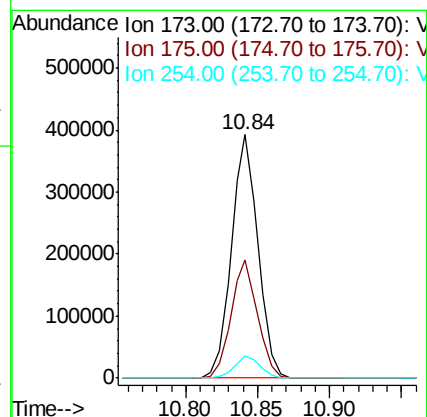
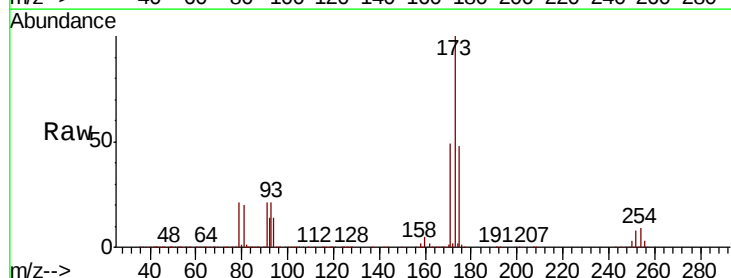
Tgt Ion: 173 Resp: 507717

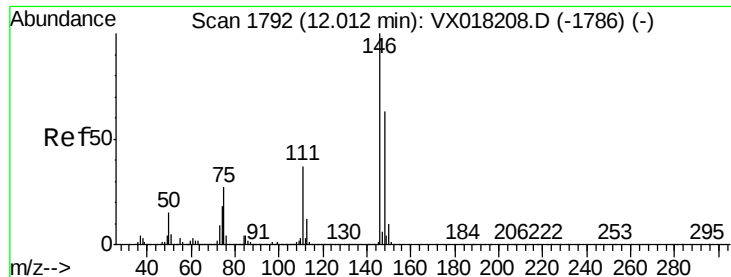
Ion Ratio Lower Upper

173 100

175 48.1 37.9 56.9

254 8.7 6.6 10.0

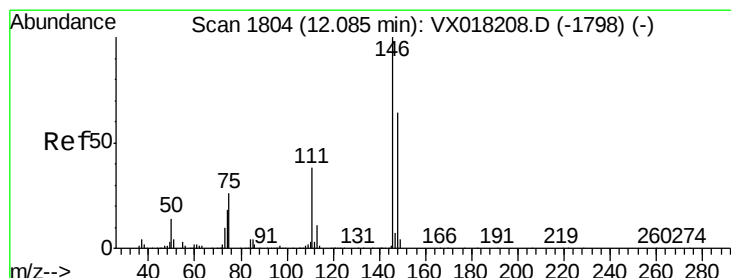
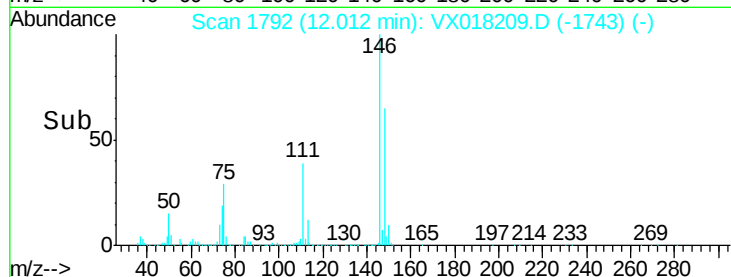
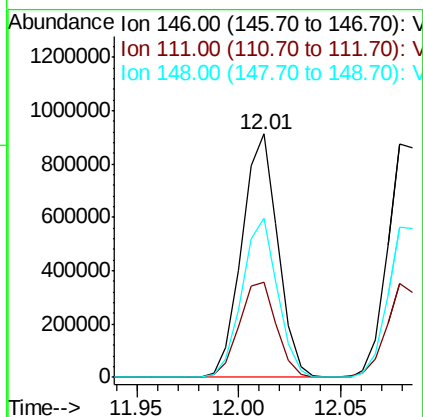
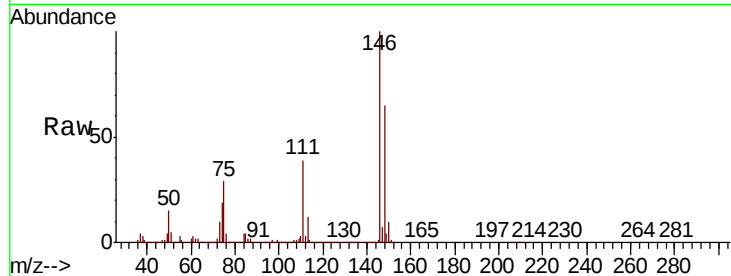




#62
 1,3-Dichlorobenzene
 Concen: 108.827 ug/L
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX018209.D
 Acq: 02 Sep 2020 10:54

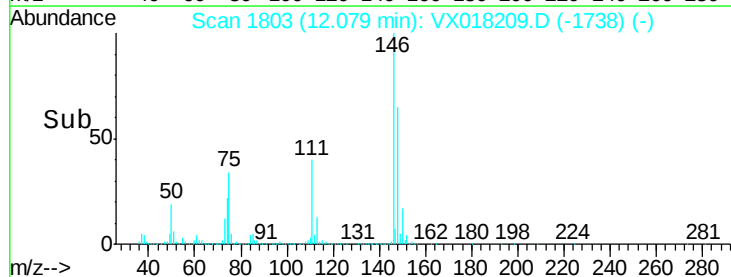
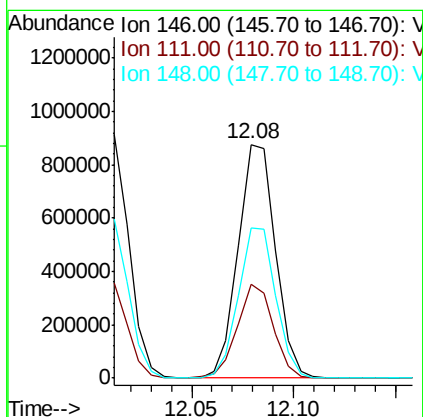
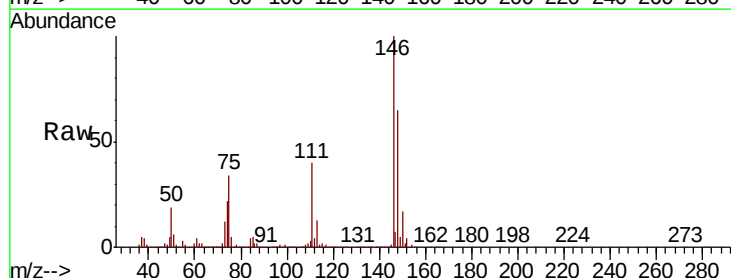
Instrument :
 MSVOA_X
 ClientSampled :
 VSTD10034

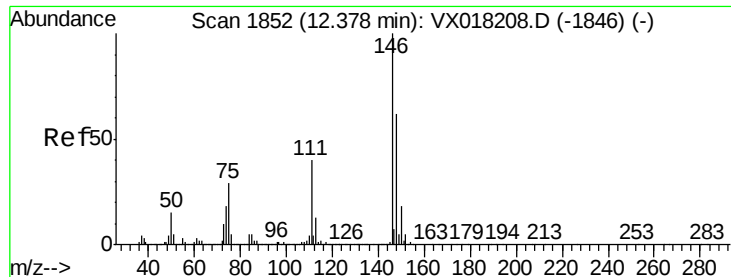
Tot Ion:146 Resp: 1117295
 Ion Ratio Lower Upper
 146 100
 111 39.0 26.2 48.6
 148 65.3 44.2 82.2



#63
 1,4-Dichlorobenzene
 Concen: 108.720 ug/L
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX018209.D
 Acq: 02 Sep 2020 10:54

Tgt Ion:146 Resp: 1115402
 Ion Ratio Lower Upper
 146 100
 111 40.2 26.5 49.1
 148 64.6 44.5 82.7





#65

1,2-Dichlorobenzene

Concen: 104.082 ug/L

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018209.D

Acq: 02 Sep 2020 10:54

Instrument :

MSVOA_X

ClientSampled :

VSTD10034

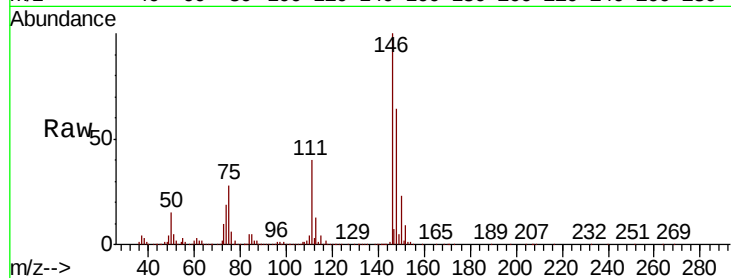
Tot Ion:146 Resp: 1065097

Ion Ratio Lower Upper

146 100

111 40.1 32.4 48.6

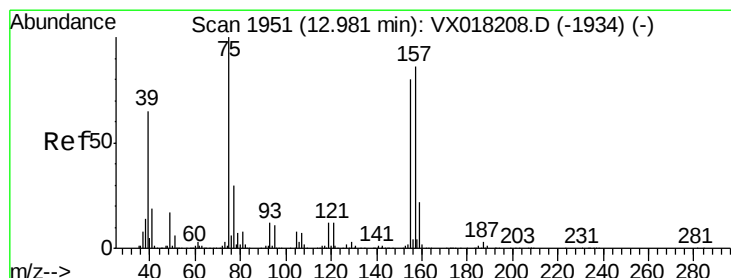
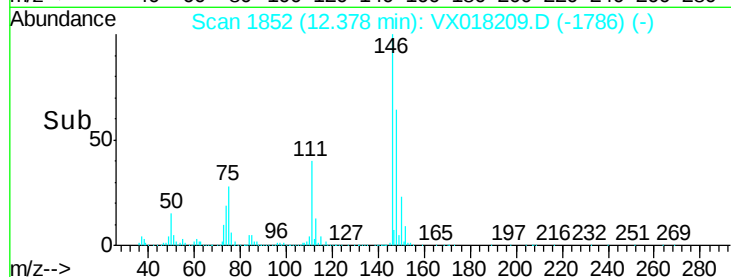
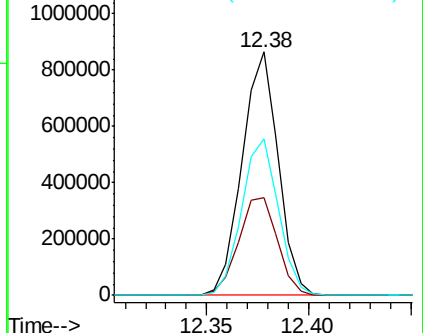
148 64.5 49.7 74.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 100.029 ug/L

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX018209.D

Acq: 02 Sep 2020 10:54

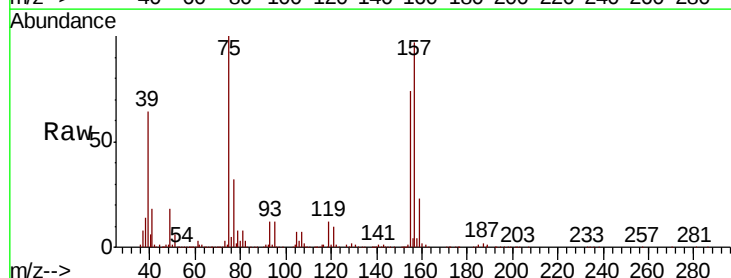
Tgt Ion: 75 Resp: 197975

Ion Ratio Lower Upper

75 100

155 74.4 63.8 95.8

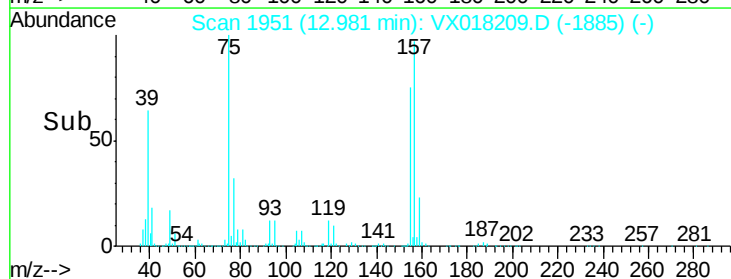
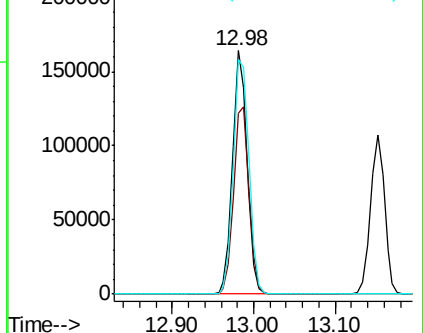
157 96.6 68.5 102.7

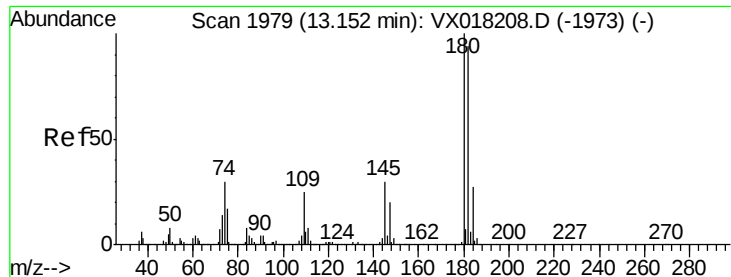


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

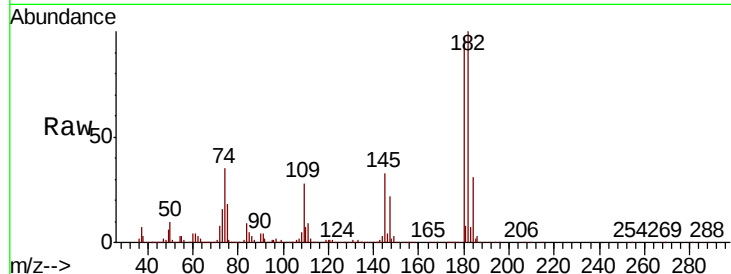




#67
 1,3,5-Trichlorobenzene
 Concen: 99.993 ug/L
 RT: 13.15 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: VX018209.D
 Acq: 02 Sep 2020 10:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD10034

Tot Ion:180	Resp:	723026
Ion	Ratio	Lower Upper
180	100	
182	99.1	77.1 115.7
184	31.9	23.8 35.6
145	32.4	24.4 36.6

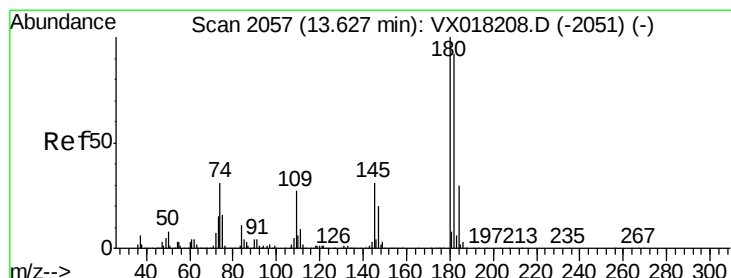
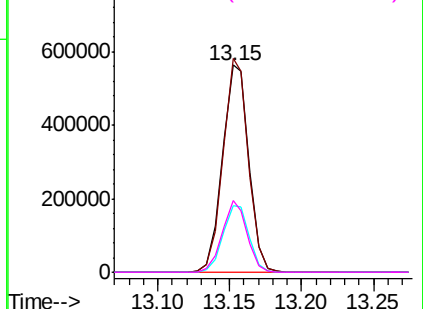
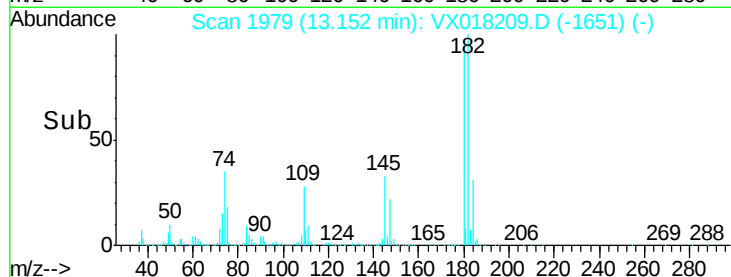


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

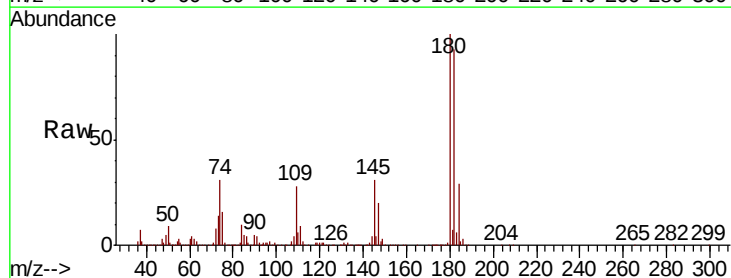
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 116.874 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018209.D
 Acq: 02 Sep 2020 10:54

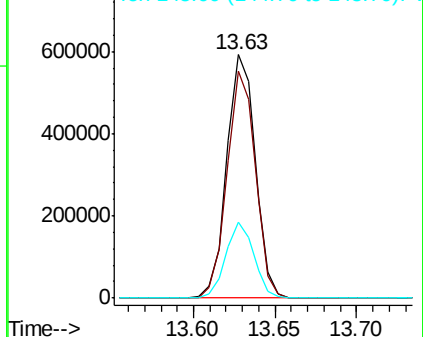
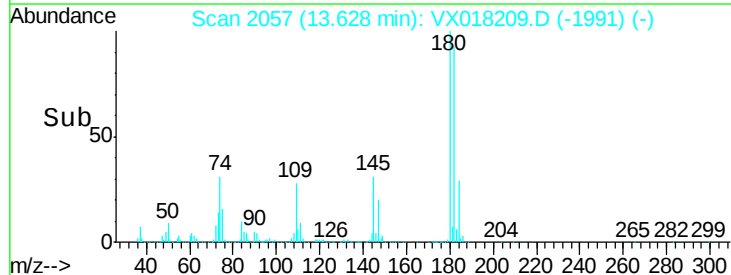
Tgt Ion:180	Resp:	718605
Ion	Ratio	Lower Upper
180	100	
182	92.3	74.1 111.1
145	30.8	25.0 37.4

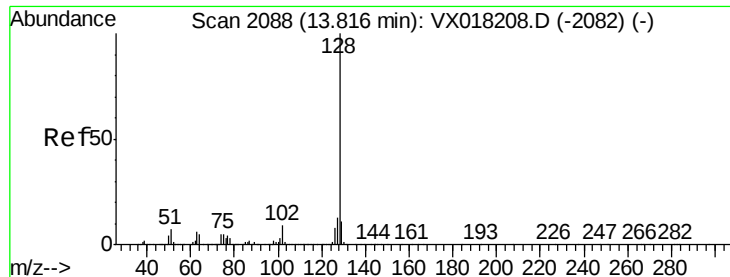


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 127.740 ug/L

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018209.D

Acq: 02 Sep 2020 10:54

Instrument :

MSVOA_X

ClientSampled :

VSTD10034

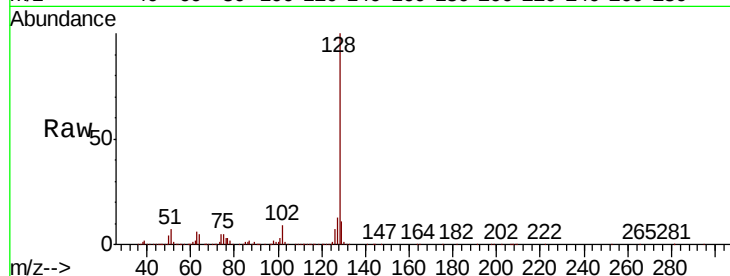
Tot Ion:128 Resp: 2395983

Ion Ratio Lower Upper

128 100

127 12.7 10.0 15.0

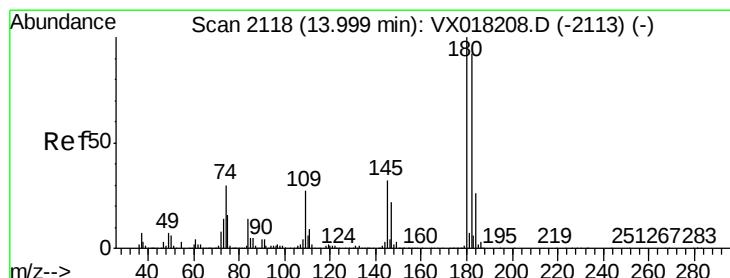
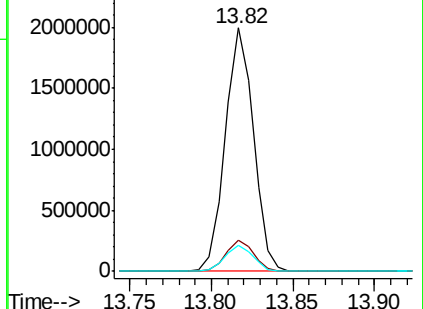
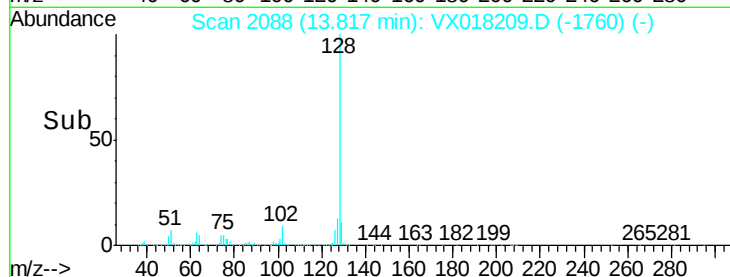
129 10.7 8.6 12.8



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



#70

1,2,3-Trichlorobenzene

Concen: 111.493 ug/L

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX018209.D

Acq: 02 Sep 2020 10:54

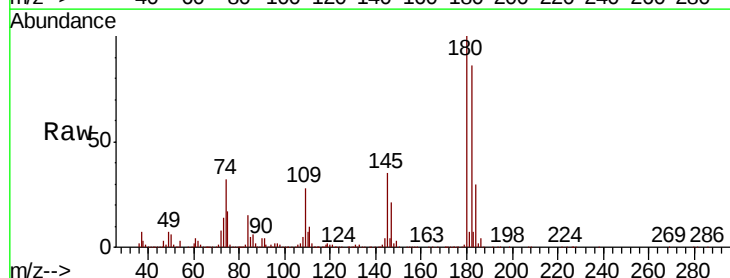
Tgt Ion:180 Resp: 699882

Ion Ratio Lower Upper

180 100

182 91.5 77.0 115.4

145 33.8 27.2 40.8



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

