

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041322\
 Data File : VX028084.D
 Acq On : 13 Apr 2022 11:48
 Operator : JC/MD
 Sample : N2385-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 N48963

Quant Time: Apr 14 04:04:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 12 22:07:23 2022
 Response via : Initial Calibration

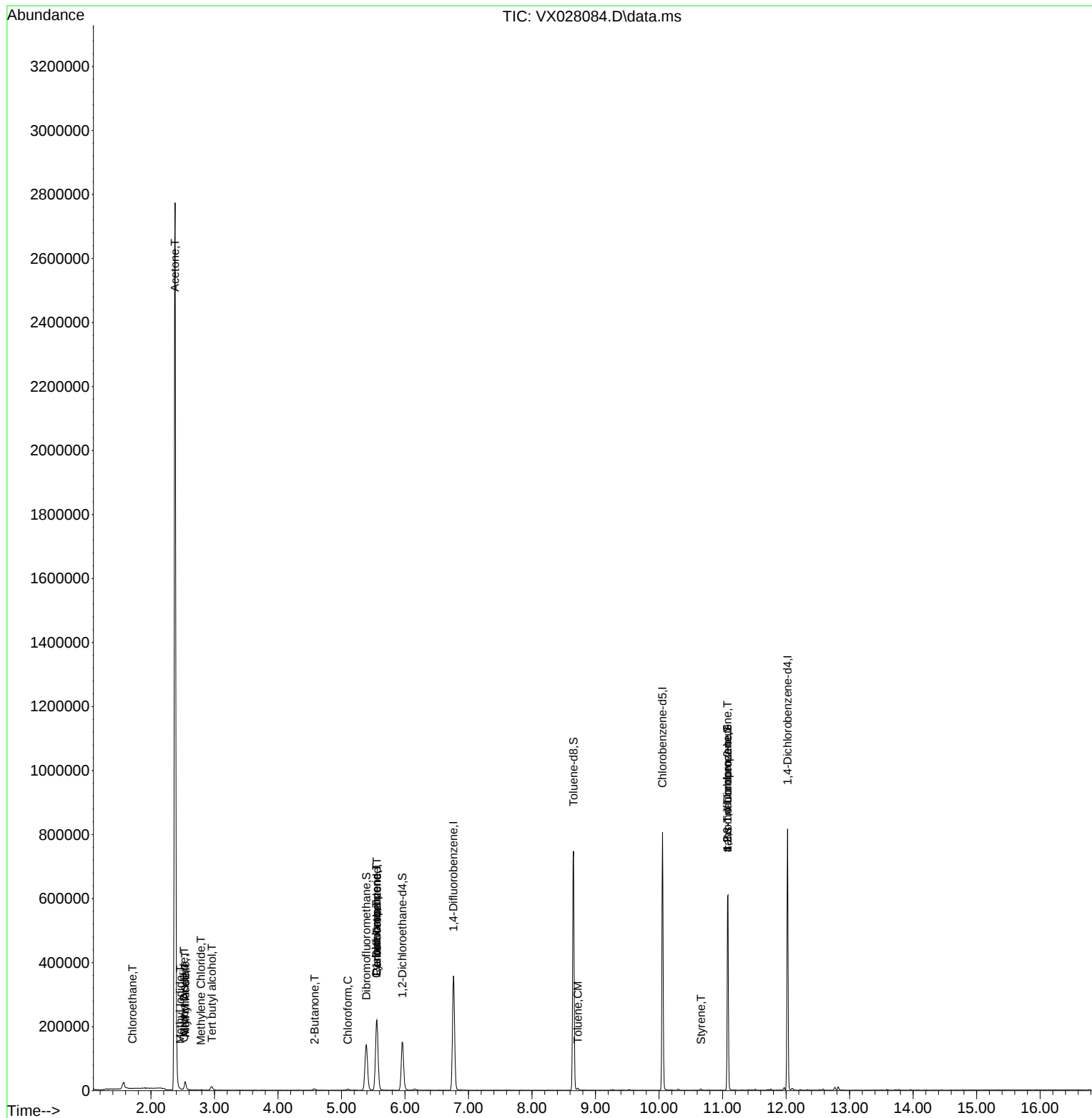
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	209335	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	364258	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	338113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	157512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	138425	48.741	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.480%
35) Dibromofluoromethane	5.391	113	120216	50.365	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.740%
50) Toluene-d8	8.653	98	445080	49.998	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.000%
62) 4-Bromofluorobenzene	11.079	95	144295	43.413	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.820%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	881	Below Cal	#	44
6) Chloroethane	1.709	64	260	2.713	ug/l #	43
10) Methyl Iodide	2.459	142	1298	0.528	ug/l #	91
11) Tert butyl alcohol	2.959	59	12359	18.748	ug/l	99
13) Acrolein	2.252	56	144	Below Cal	#	15
14) Allyl chloride	2.538	41	3070	0.840	ug/l #	59
16) Acetone	2.380	43	2817219	2380.896	ug/l	94
17) Carbon Disulfide	2.520	76	1246	0.229	ug/l #	75
18) Methyl Acetate	2.538	43	8948	2.834	ug/l #	46
20) Methylene Chloride	2.788	84	515	0.219	ug/l #	79
25) 2-Butanone	4.574	43	4259	2.082	ug/l #	80
30) Chloroform	5.099	83	3587	0.759	ug/l	90
31) Cyclohexane	5.550	56	5095	1.305	ug/l #	33
36) 1,1-Dichloropropene	5.550	75	16686	4.580	ug/l #	45
38) Carbon Tetrachloride	5.556	117	20696	5.322	ug/l #	16
52) Toluene	8.720	92	1963	0.278	ug/l	85
70) Styrene	10.659	104	1148	4.804	ug/l #	86
76) 1,2,3-Trichloropropane	11.079	75	81626	23.278	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	81626	65.562	ug/l #	15

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

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Quant Title : SW846 8260
QLast Update : Tue Apr 12 22:07:23 2022
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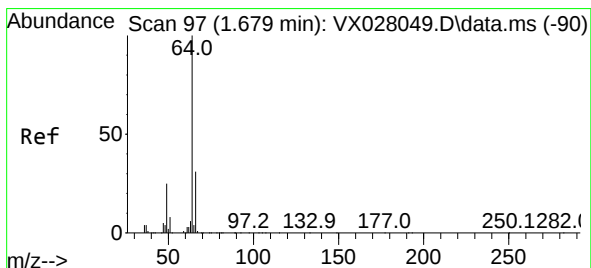
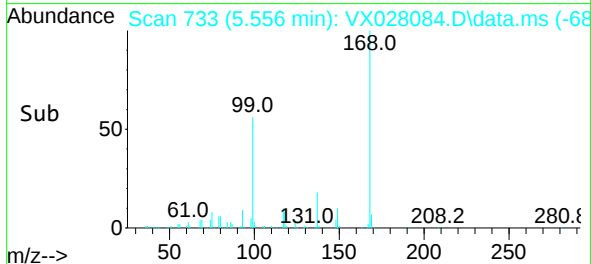
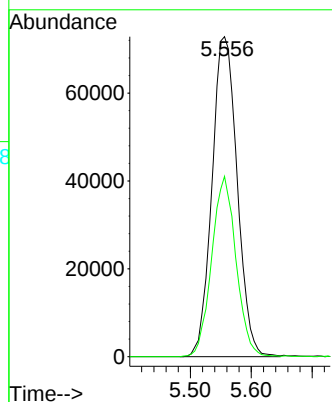
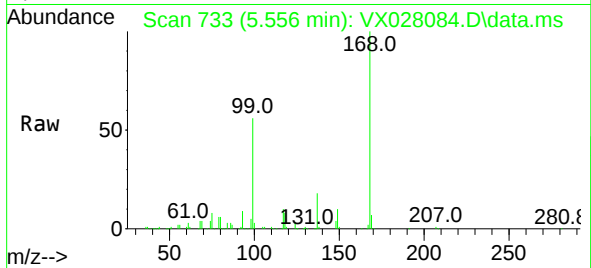




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028084.D
Acq: 13 Apr 2022 11:48

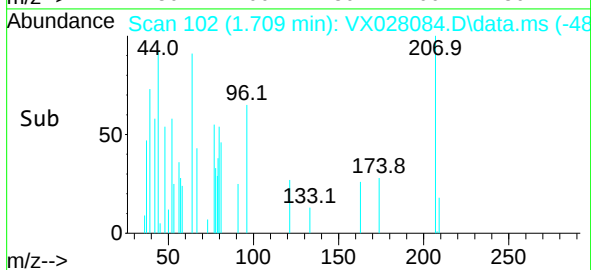
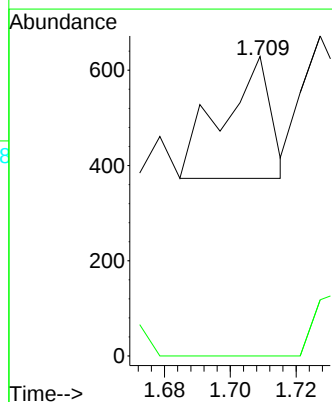
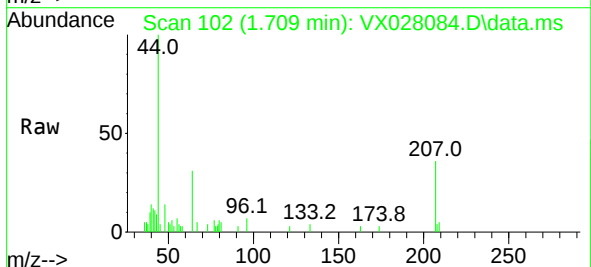
Instrument :
MSVOA_X
ClientSampleId :
N48963

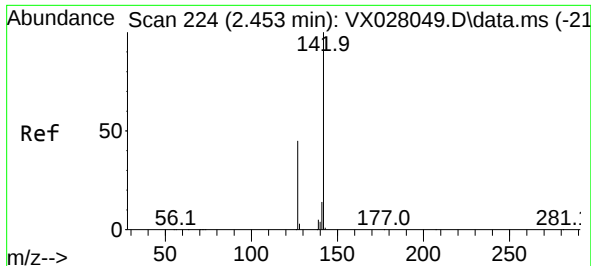
Tgt Ion:168 Resp: 209335
Ion Ratio Lower Upper
168 100
99 56.4 41.7 62.5



#6
Chloroethane
Concen: 2.713 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.030 min
Lab File: VX028084.D
Acq: 13 Apr 2022 11:48

Tgt Ion: 64 Resp: 260
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9

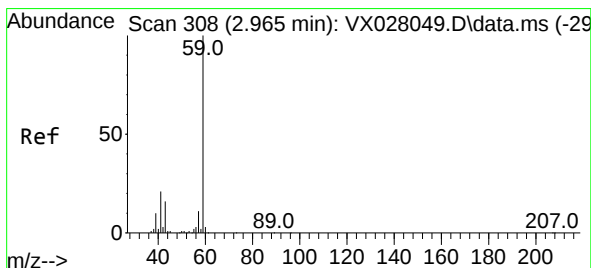
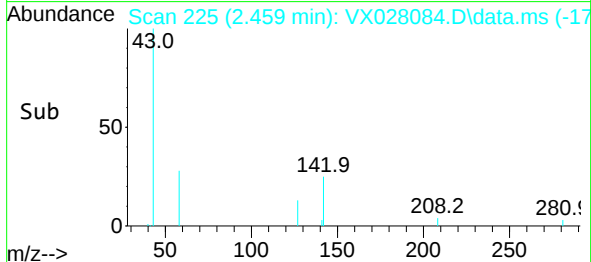
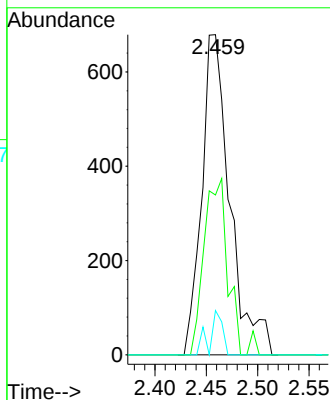
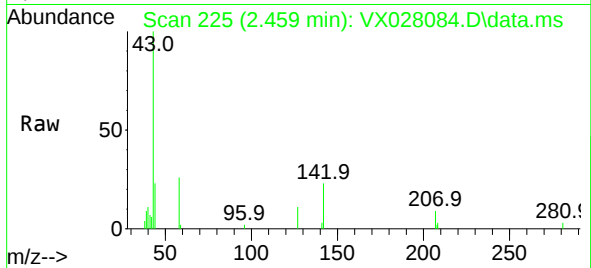




#10
Methyl Iodide
Concen: 0.528 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028084.D
Acq: 13 Apr 2022 11:48

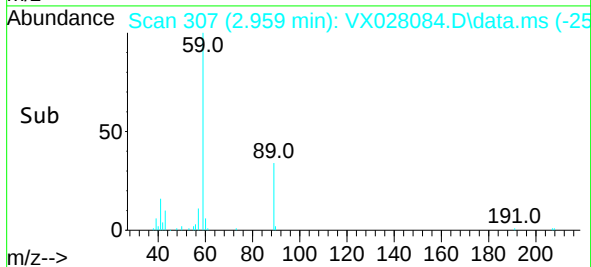
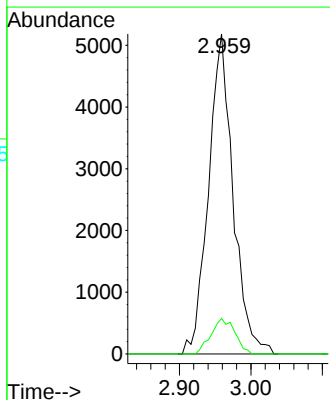
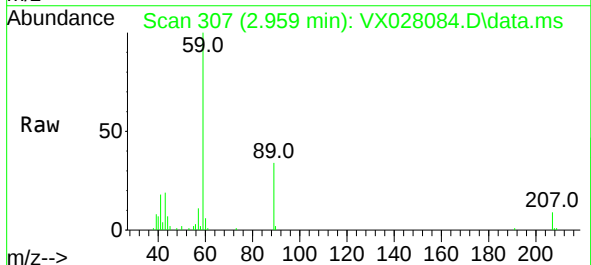
Instrument :
MSVOA_X
ClientSampleId :
N48963

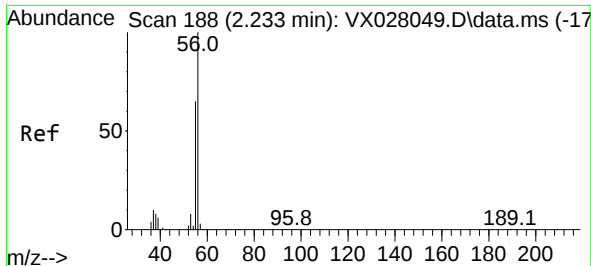
Tgt Ion:142 Resp: 1298
Ion Ratio Lower Upper
142 100
127 45.5 33.9 50.9
141 6.3 11.4 17.2#



#11
Tert butyl alcohol
Concen: 18.748 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX028084.D
Acq: 13 Apr 2022 11:48

Tgt Ion: 59 Resp: 12359
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5

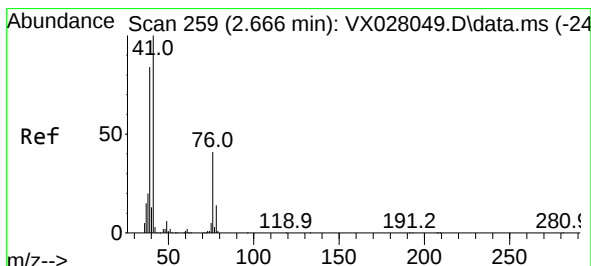
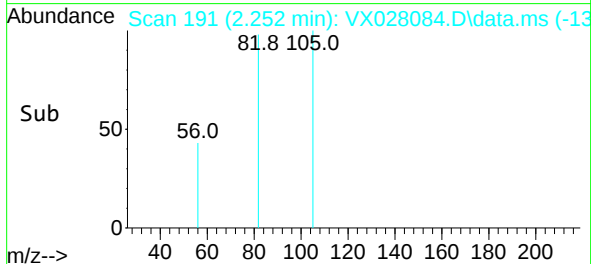
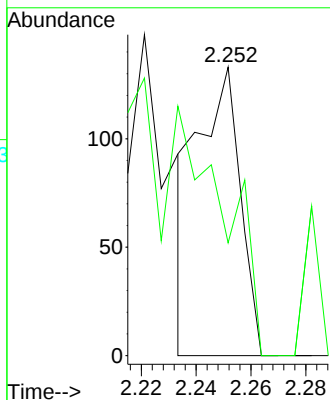
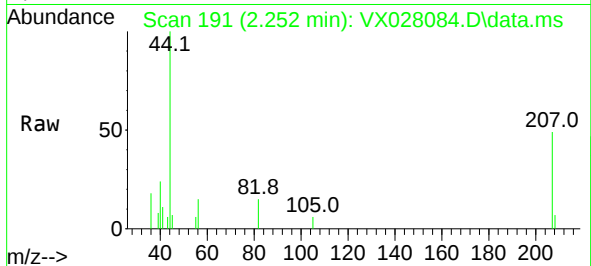




#13
Acrolein
Concen: Below Cal
RT: 2.252 min Scan# 191
Delta R.T. 0.019 min
Lab File: VX028084.D
Acq: 13 Apr 2022 11:48

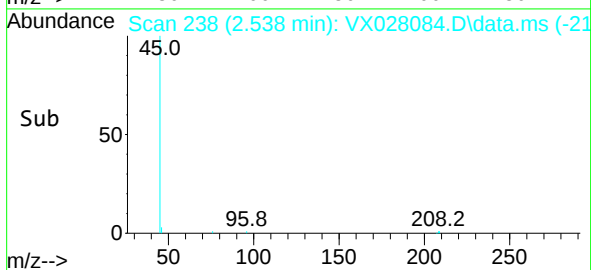
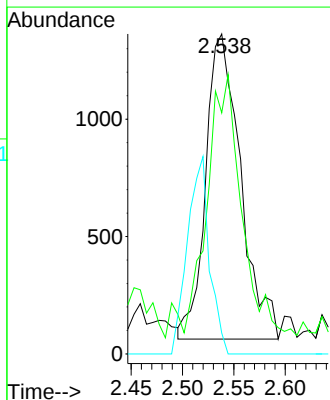
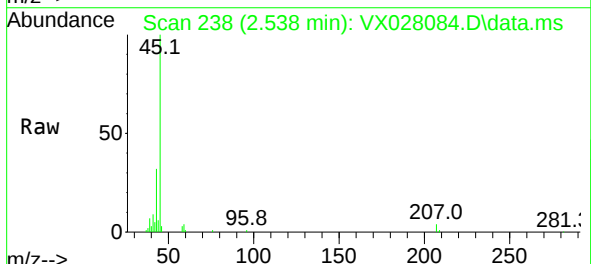
Instrument :
MSVOA_X
ClientSampleId :
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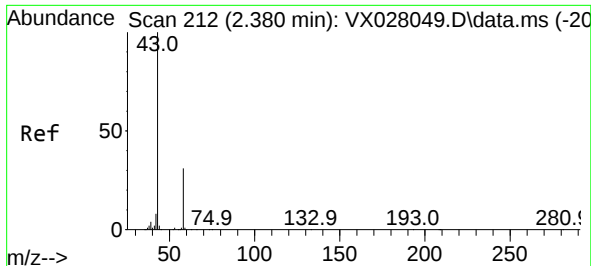
Tgt Ion: 56 Resp: 144
Ion Ratio Lower Upper
56 100
55 0.0 55.0 82.6#



#14
Allyl chloride
Concen: 0.840 ug/l
RT: 2.538 min Scan# 238
Delta R.T. -0.128 min
Lab File: VX028084.D
Acq: 13 Apr 2022 11:48

Tgt Ion: 41 Resp: 3070
Ion Ratio Lower Upper
41 100
39 82.7 50.4 75.6#
76 0.0 32.7 49.1#

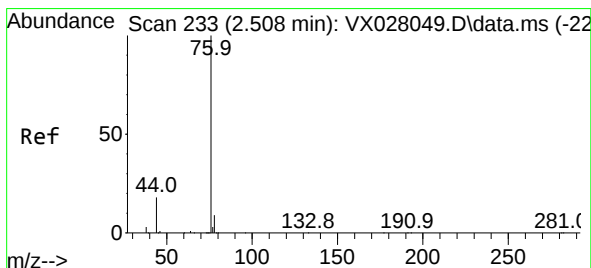
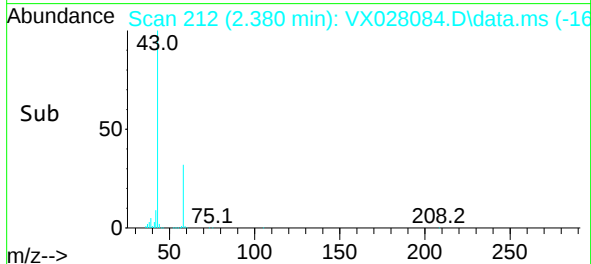
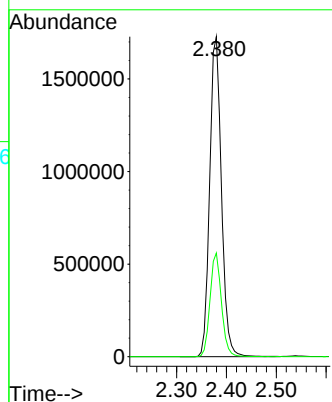
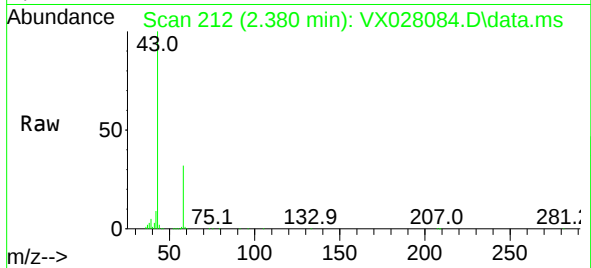




#16
Acetone
Concen: 2380.896 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028084.D
Acq: 13 Apr 2022 11:48

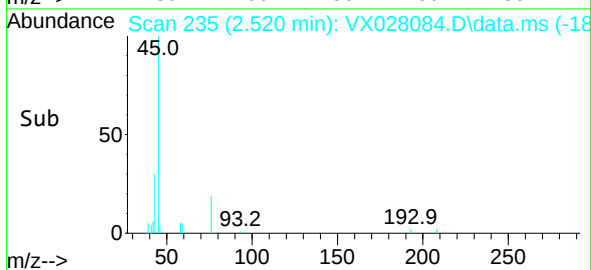
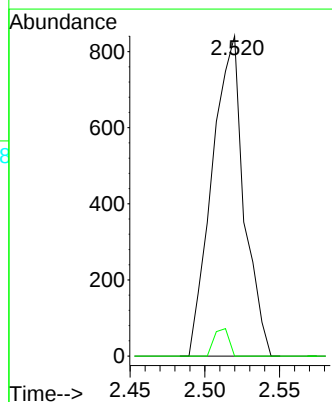
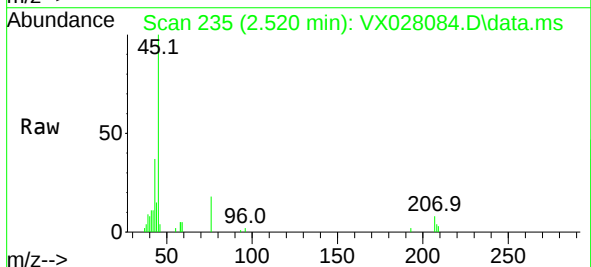
Instrument :
MSVOA_X
ClientSampleId :
N48963

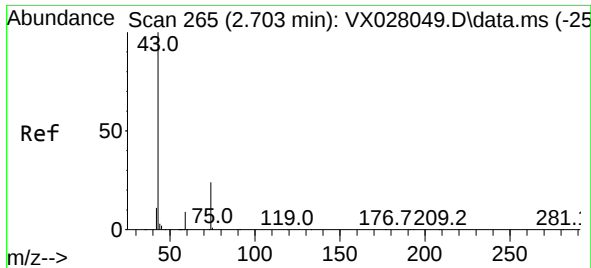
Tgt Ion: 43 Resp: 2817219
Ion Ratio Lower Upper
43 100
58 32.4 28.8 43.2



#17
Carbon Disulfide
Concen: 0.229 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.012 min
Lab File: VX028084.D
Acq: 13 Apr 2022 11:48

Tgt Ion: 76 Resp: 1246
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

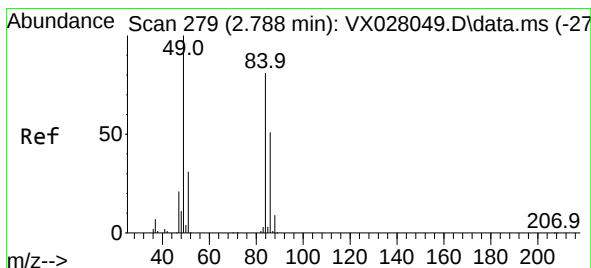
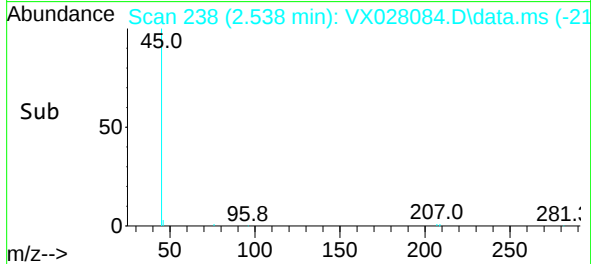
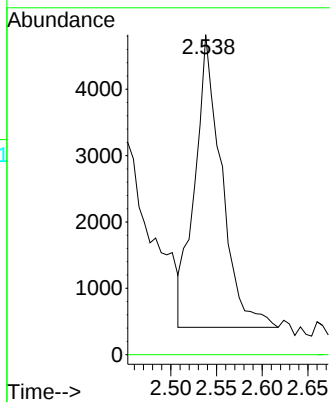
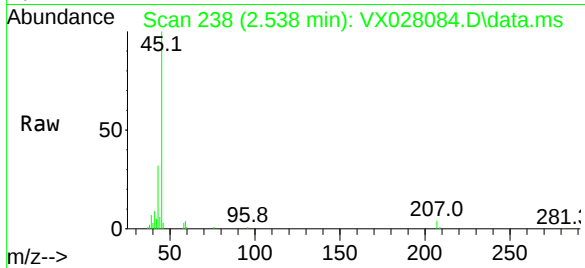




#18
Methyl Acetate
Concen: 2.834 ug/l
RT: 2.538 min Scan# 21
Delta R.T. -0.165 min
Lab File: VX028084.D
Acq: 13 Apr 2022 11:48

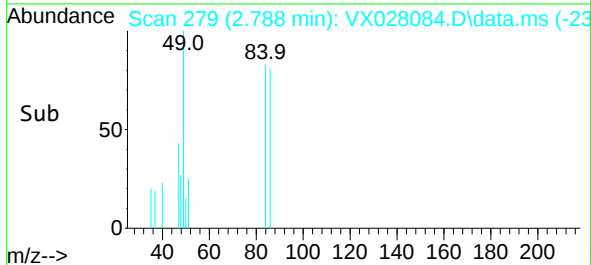
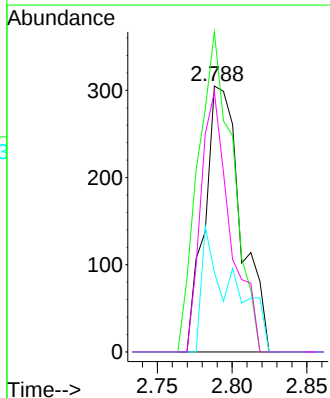
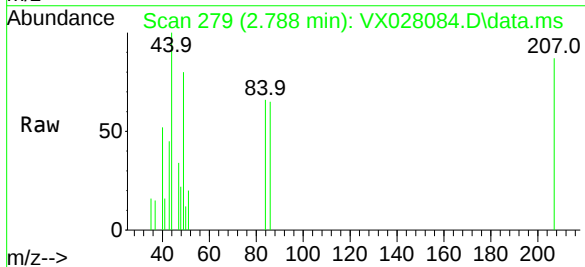
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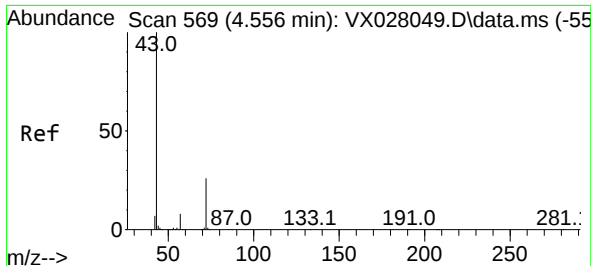
Tgt Ion: 43 Resp: 8948
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#



#20
Methylene Chloride
Concen: 0.219 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028084.D
Acq: 13 Apr 2022 11:48

Tgt Ion: 84 Resp: 515
Ion Ratio Lower Upper
84 100
49 120.3 85.5 128.3
51 29.8 26.6 39.8
86 97.7 51.5 77.3#





#25

2-Butanone

Concen: 2.082 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX028084.D

Acq: 13 Apr 2022 11:48

Instrument :

MSVOA_X

ClientSampleId :

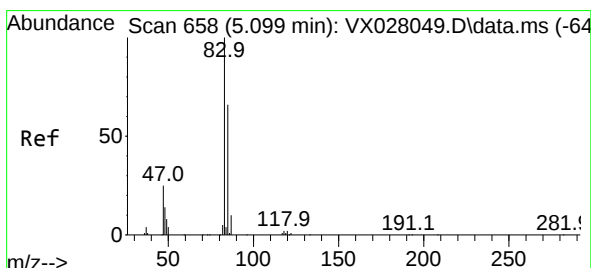
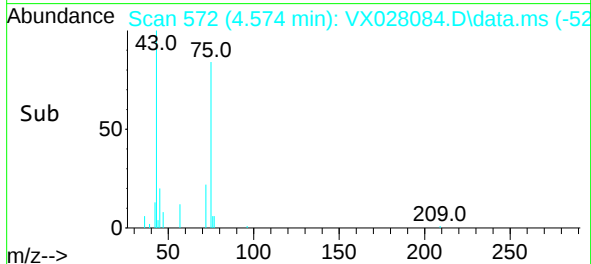
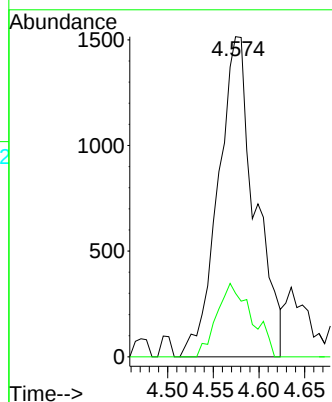
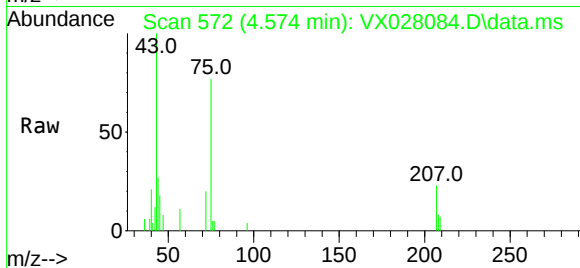
N48963

Tgt Ion: 43 Resp: 4259

Ion Ratio Lower Upper

43 100

72 19.8 24.4 36.6#



#30

Chloroform

Concen: 0.759 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.000 min

Lab File: VX028084.D

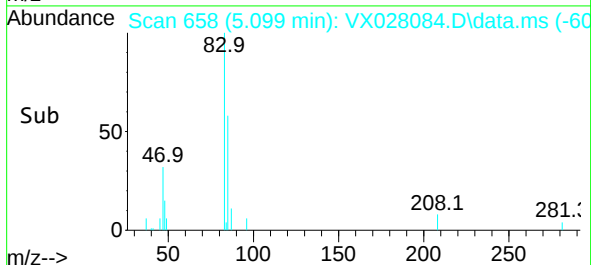
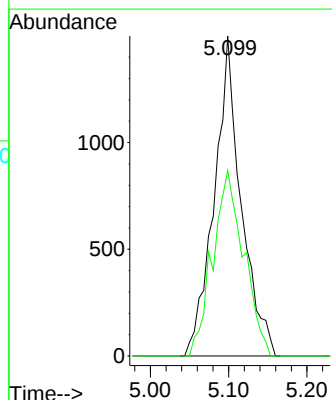
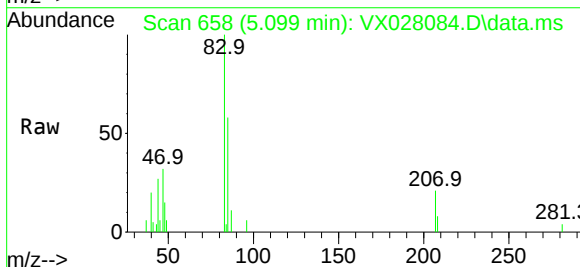
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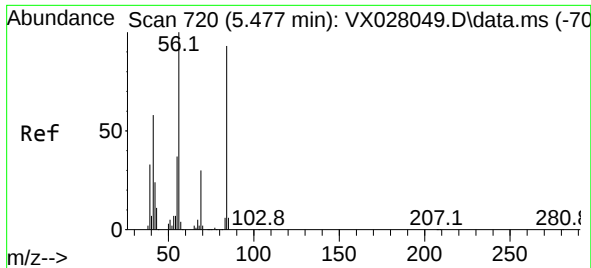
Tgt Ion: 83 Resp: 3587

Ion Ratio Lower Upper

83 100

85 58.0 52.7 79.1

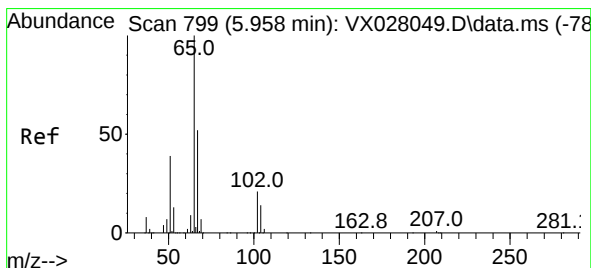
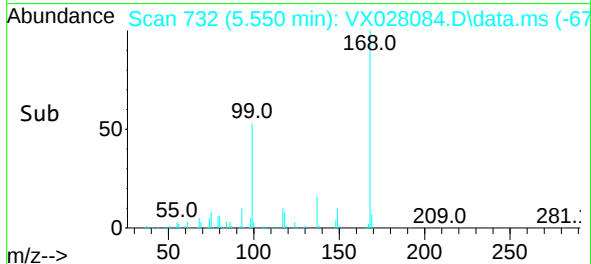
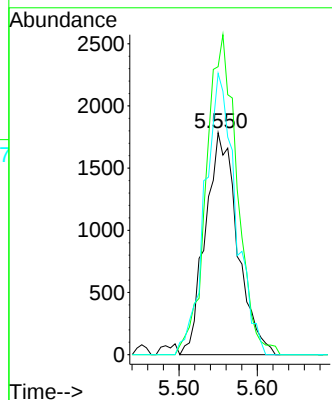
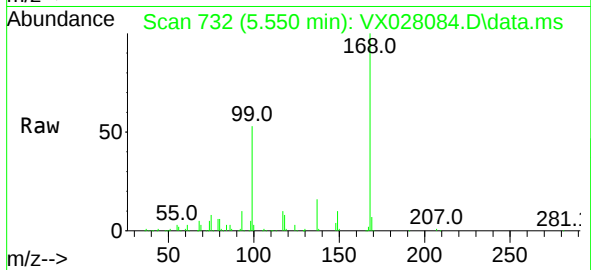




#31
Cyclohexane
Concen: 1.305 ug/l
RT: 5.550 min Scan# 712
Delta R.T. 0.073 min
Lab File: VX028084.D
Acq: 13 Apr 2022 11:48

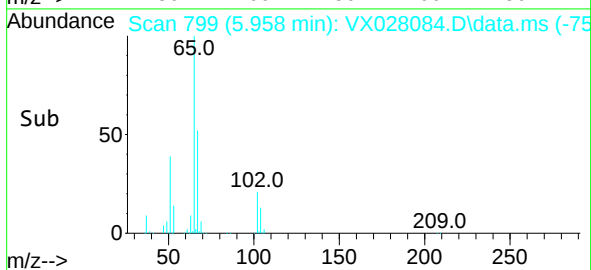
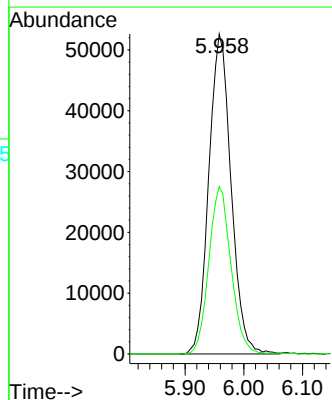
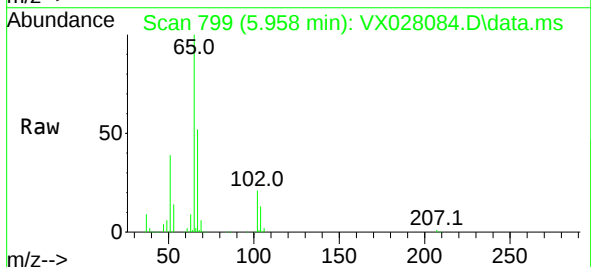
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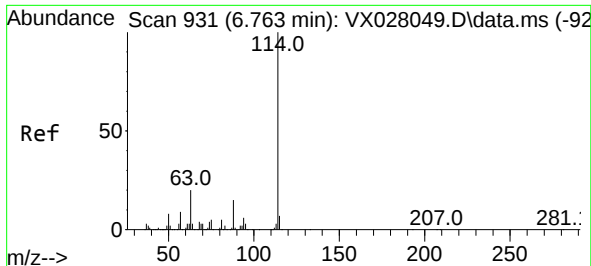
Tgt Ion: 56 Resp: 5095
Ion Ratio Lower Upper
56 100
69 129.8 26.7 40.1#
84 126.8 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 48.741 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028084.D
Acq: 13 Apr 2022 11:48

Tgt Ion: 65 Resp: 138425
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.4

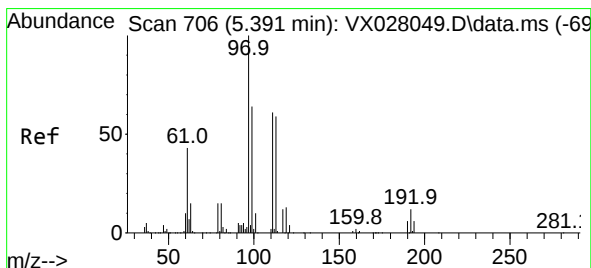
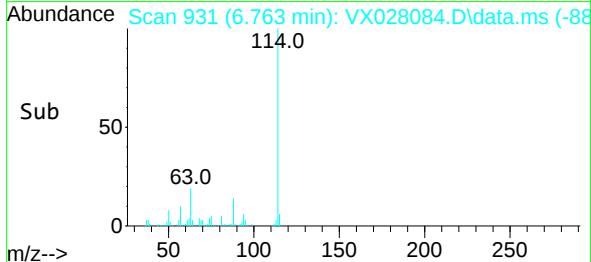
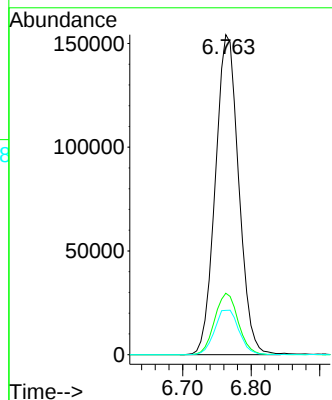
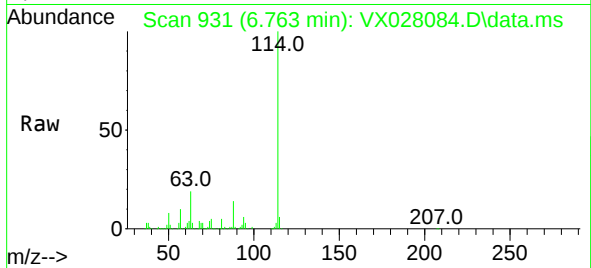




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028084.D
Acq: 13 Apr 2022 11:48

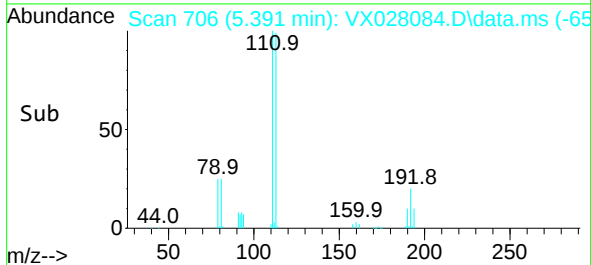
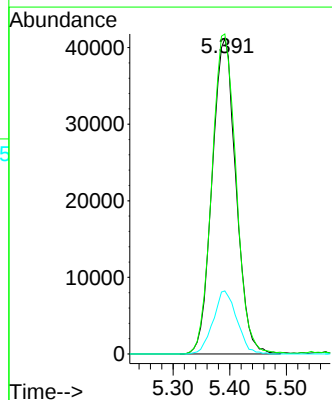
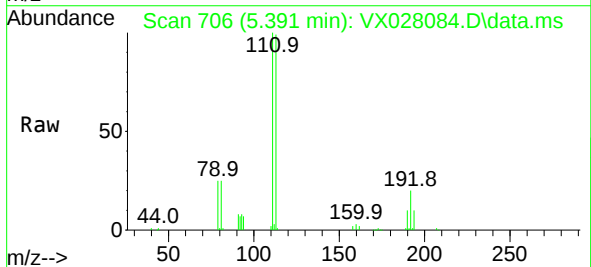
Instrument :
MSVOA_X
ClientSampleId :
N48963

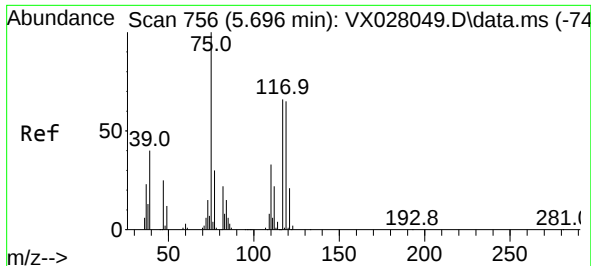
Tgt Ion:114 Resp: 364258
Ion Ratio Lower Upper
114 100
63 19.2 0.0 36.8
88 13.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.365 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX028084.D
Acq: 13 Apr 2022 11:48

Tgt Ion:113 Resp: 120216
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 19.9 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.580 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX028084.D

Acq: 13 Apr 2022 11:48

Instrument :

MSVOA_X

ClientSampleId :

N48963

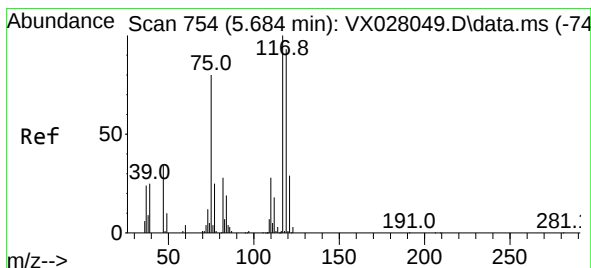
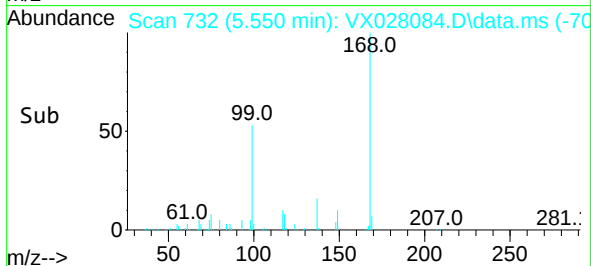
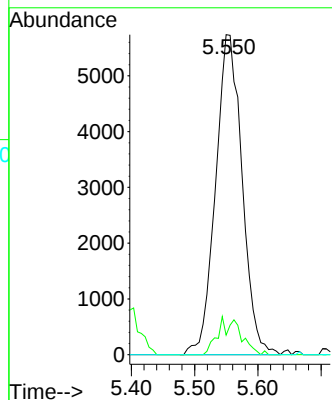
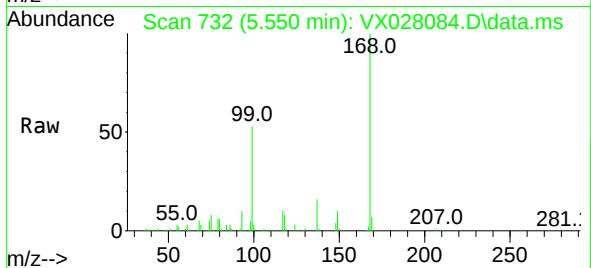
Tgt Ion: 75 Resp: 16686

Ion Ratio Lower Upper

75 100

110 4.2 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.322 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX028084.D

Acq: 13 Apr 2022 11:48

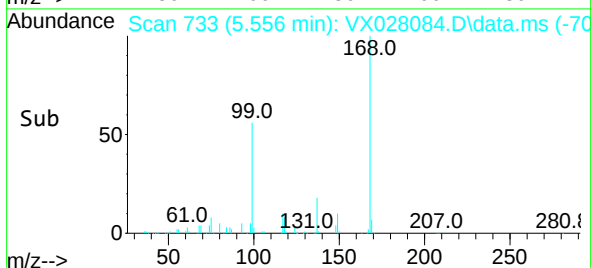
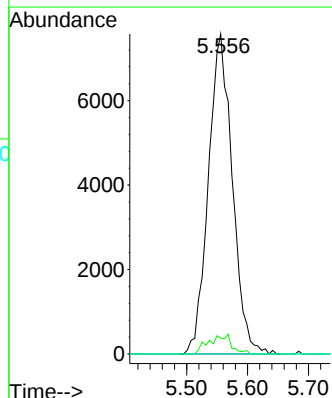
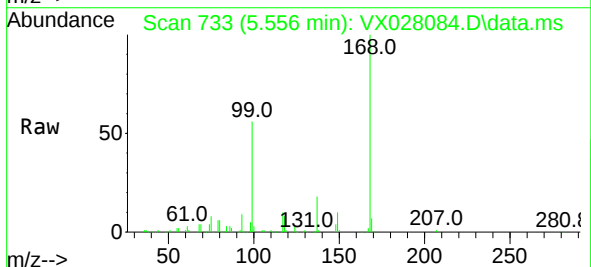
Tgt Ion: 117 Resp: 20696

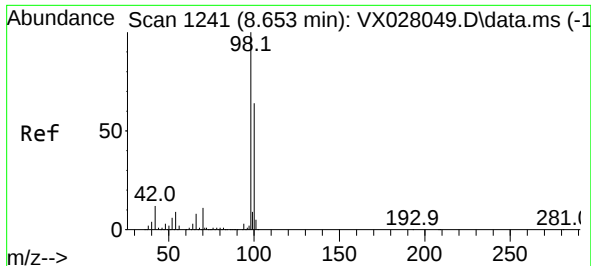
Ion Ratio Lower Upper

117 100

119 4.9 77.3 115.9#

121 0.0 24.2 36.2#

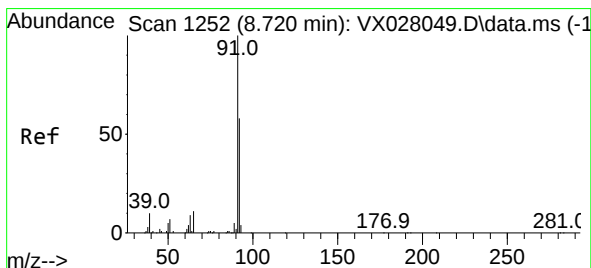
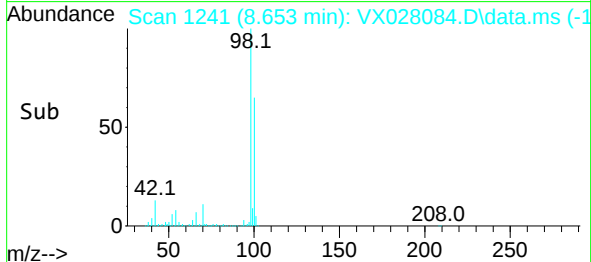
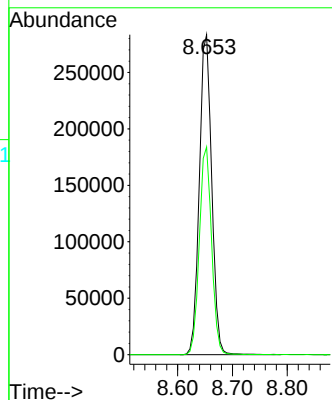
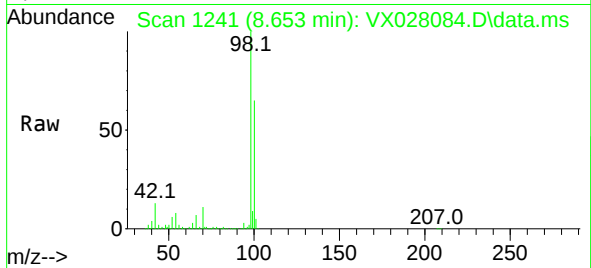




#50
Toluene-d8
Concen: 49.998 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028084.D
Acq: 13 Apr 2022 11:48

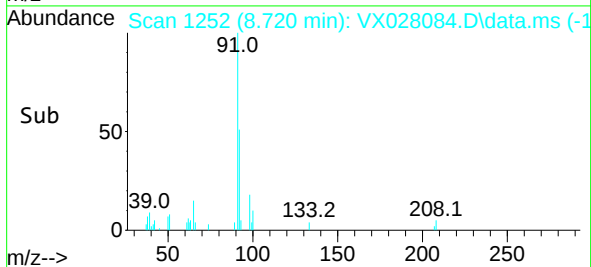
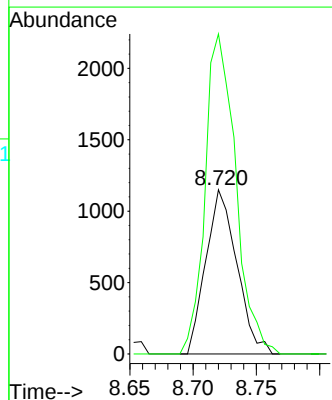
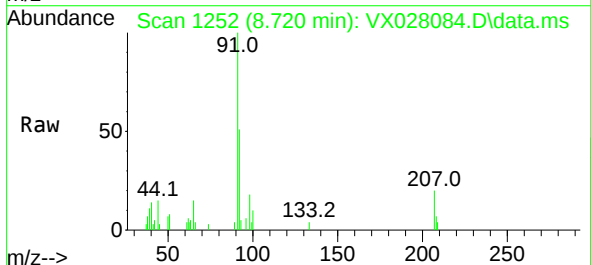
Instrument :
MSVOA_X
ClientSampleId :
N48963

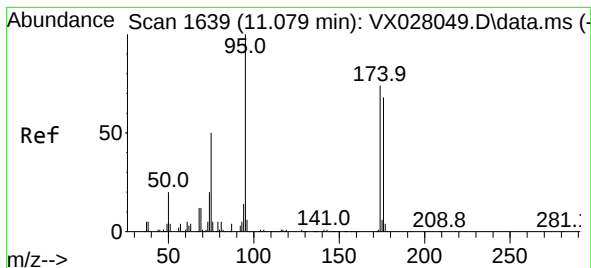
Tgt Ion: 98 Resp: 445080
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8



#52
Toluene
Concen: 0.278 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028084.D
Acq: 13 Apr 2022 11:48

Tgt Ion: 92 Resp: 1963
Ion Ratio Lower Upper
92 100
91 192.0 137.5 206.3

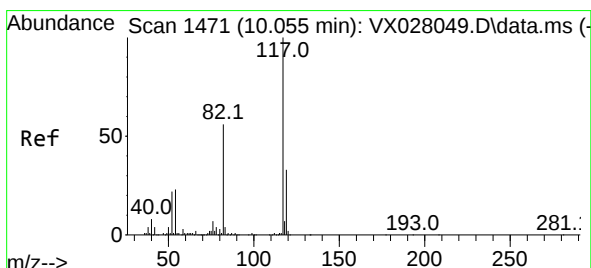
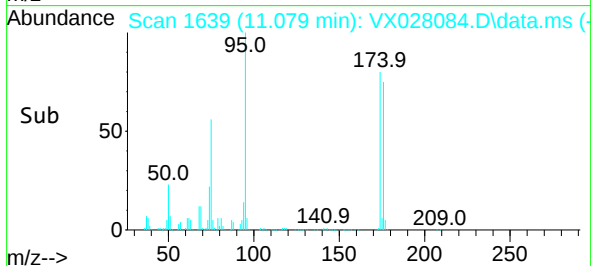
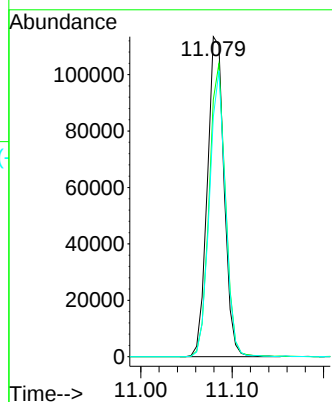
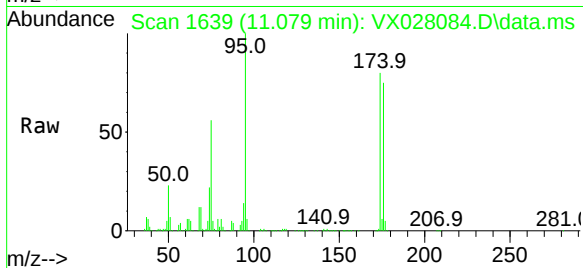




#62
4-Bromofluorobenzene
Concen: 43.413 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028084.D
Acq: 13 Apr 2022 11:48

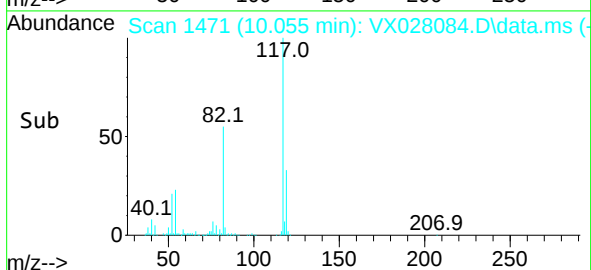
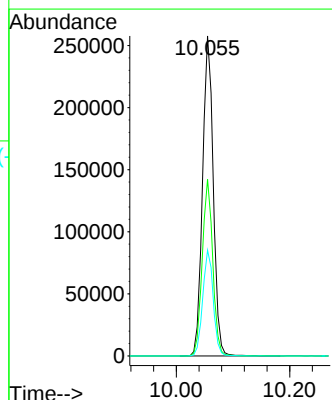
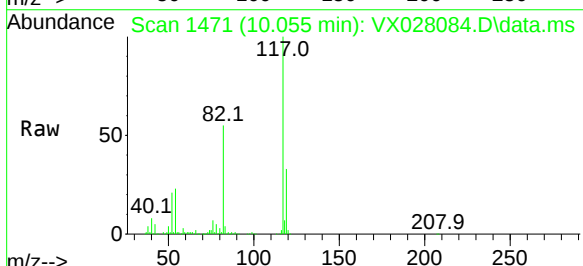
Instrument :
MSVOA_X
ClientSampleId :
N48963

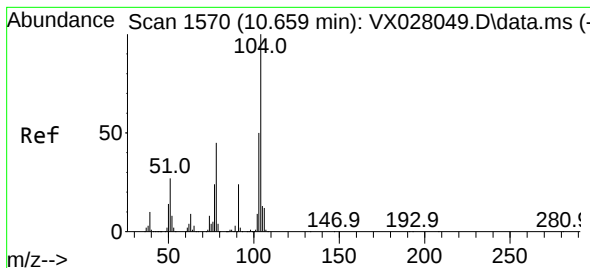
Tgt Ion: 95 Resp: 144295
Ion Ratio Lower Upper
95 100
174 89.0 0.0 163.0
176 85.2 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028084.D
Acq: 13 Apr 2022 11:48

Tgt Ion: 117 Resp: 338113
Ion Ratio Lower Upper
117 100
82 55.2 41.8 62.8
119 33.1 24.8 37.2





#70

Styrene

Concen: 4.804 ug/l

RT: 10.659 min Scan# 1148

Delta R.T. -0.000 min

Lab File: VX028084.D

Acq: 13 Apr 2022 11:48

Instrument :

MSVOA_X

ClientSampleId :

N48963

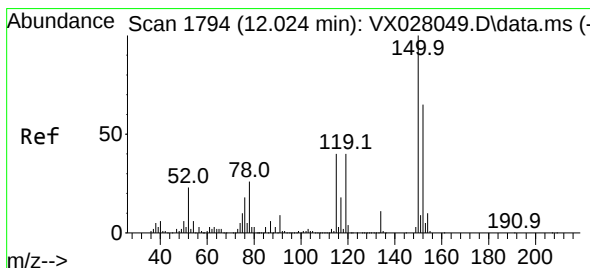
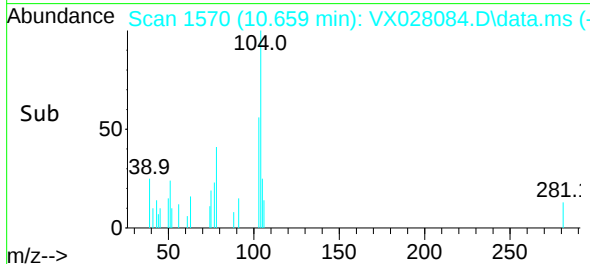
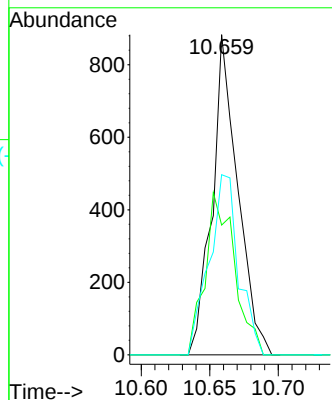
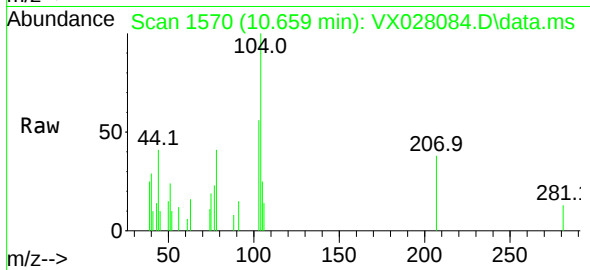
Tgt Ion:104 Resp: 1148

Ion Ratio Lower Upper

104 100

78 58.2 38.6 57.8#

103 64.8 43.8 65.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX028084.D

Acq: 13 Apr 2022 11:48

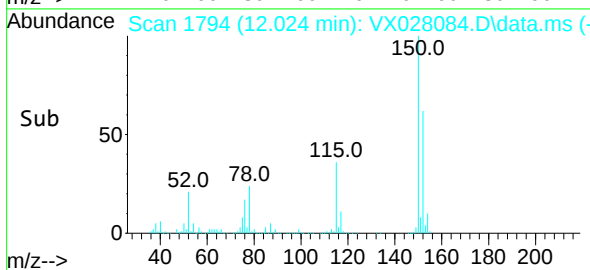
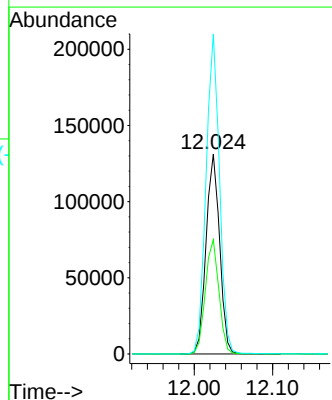
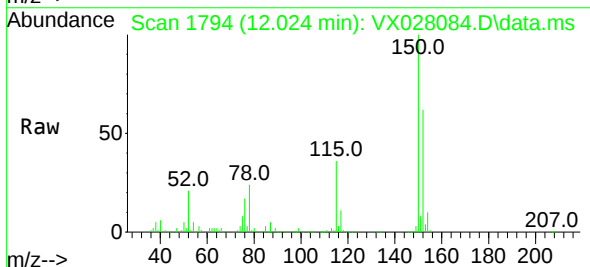
Tgt Ion:152 Resp: 157512

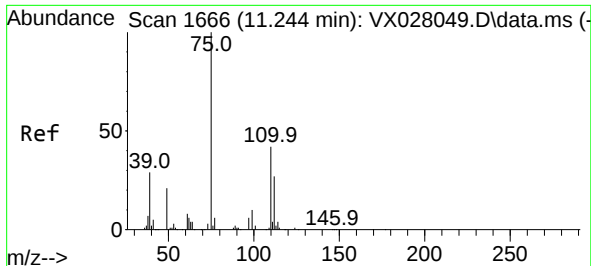
Ion Ratio Lower Upper

152 100

115 57.2 37.5 112.7

150 158.0 0.0 338.2

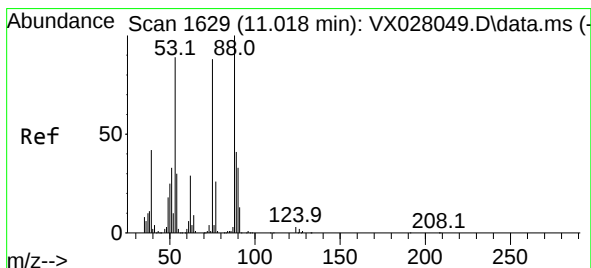
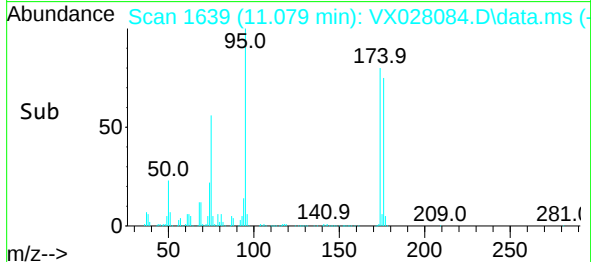
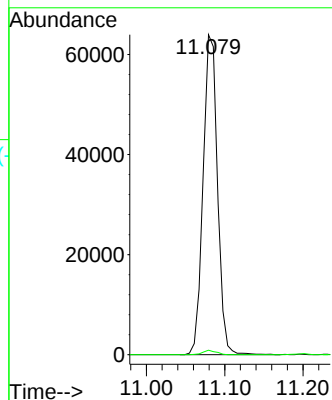
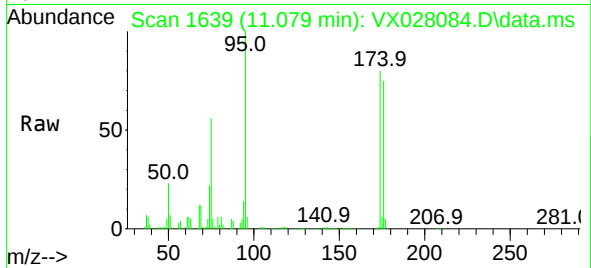




#76
1,2,3-Trichloropropane
Concen: 23.278 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028084.D
Acq: 13 Apr 2022 11:48

Instrument :
MSVOA_X
ClientSampleId :
N48963

Tgt Ion: 75 Resp: 81626
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.562 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028084.D
Acq: 13 Apr 2022 11:48

Tgt Ion: 75 Resp: 81626
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

