

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041522\
 Data File : VX028138.D
 Acq On : 15 Apr 2022 17:09
 Operator : JC/MD
 Sample : N2394-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CS-1-(DUMPSTER-RIGHT)

Quant Time: Apr 16 02:26:55 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)

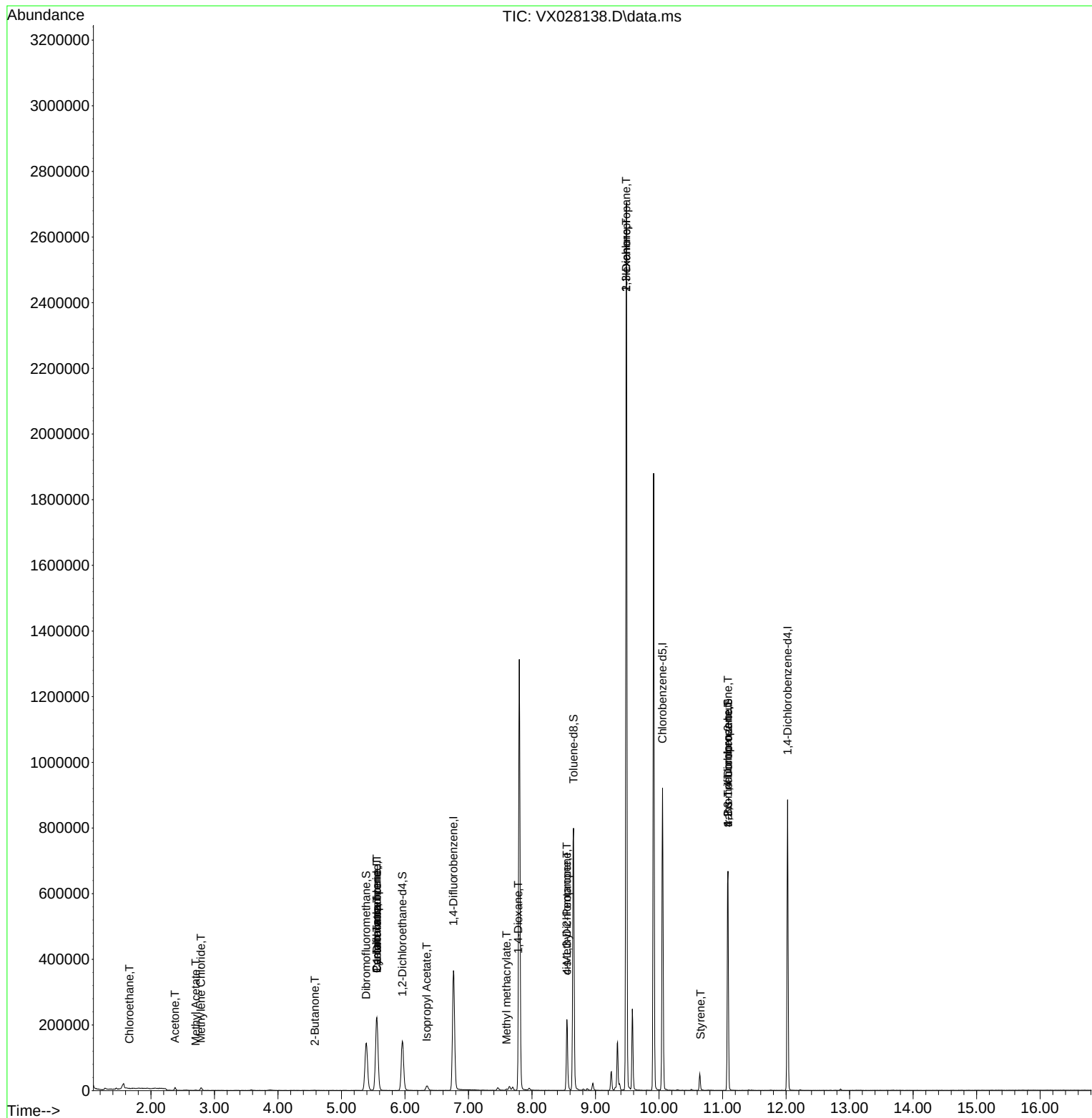
Internal Standards						
1) Pentafluorobenzene	5.556	168	215511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	377539	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	385752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	136506	46.688	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.380%		
35) Dibromofluoromethane	5.385	113	121775	49.224	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.440%		
50) Toluene-d8	8.653	98	469611	50.898	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.800%		
62) 4-Bromofluorobenzene	11.085	95	159762	46.375	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.760%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	751	Below Cal	#	54
6) Chloroethane	1.660	64	424	2.778	ug/l #	86
13) Acrolein	2.227	56	84	Below Cal	#	1
16) Acetone	2.380	43	8052	6.610	ug/l	97
18) Methyl Acetate	2.703	43	1302	0.401	ug/l #	69
20) Methylene Chloride	2.788	84	3827	1.577	ug/l #	85
25) 2-Butanone	4.580	43	1162	0.552	ug/l	92
31) Cyclohexane	5.556	56	5058	1.258	ug/l #	14
36) 1,1-Dichloropropene	5.556	75	16207	4.292	ug/l #	50
38) Carbon Tetrachloride	5.556	117	21420	5.314	ug/l #	16
43) Isopropyl Acetate	6.342	43	20503	2.798	ug/l	92
48) Methyl methacrylate	7.598	41	4923	1.472	ug/l #	8
49) 1,4-Dioxane	7.781	88	76	1.018	ug/l #	25
51) 4-Methyl-2-Pentanone	8.549	43	72620	15.543	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	33721	7.296	ug/l #	73
57) 1,3-Dichloropropane	9.482	76	22898	4.652	ug/l #	42
59) 2-Hexanone	9.482	43	303480	82.939	ug/l #	43
70) Styrene	10.652	104	91	4.711	ug/l #	51
76) 1,2,3-Trichloropropane	11.085	75	88549	23.409	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	88549	65.930	ug/l #	15

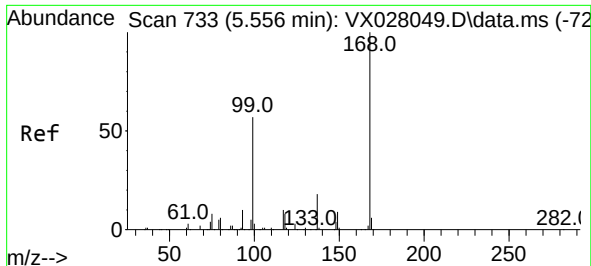
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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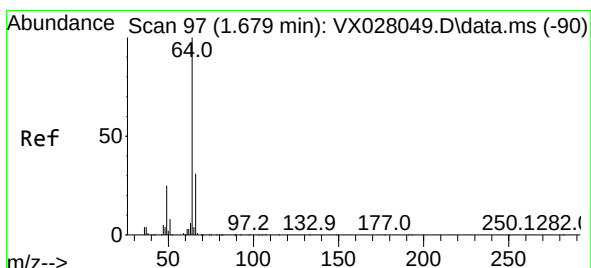
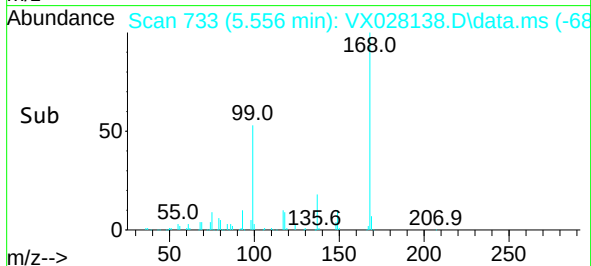
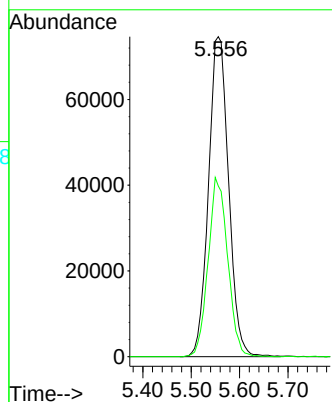
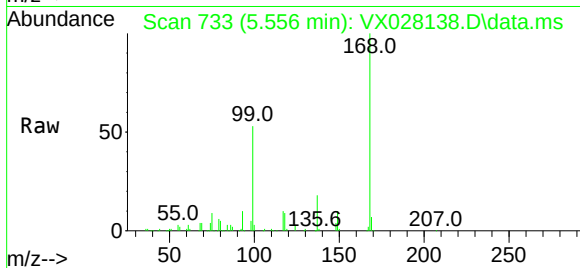




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028138.D
Acq: 15 Apr 2022 17:09

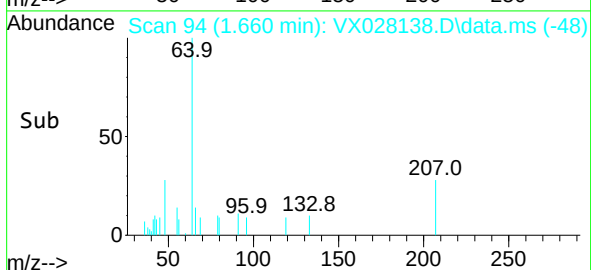
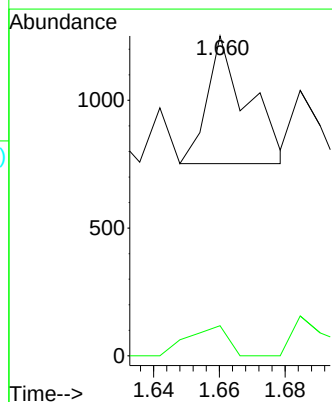
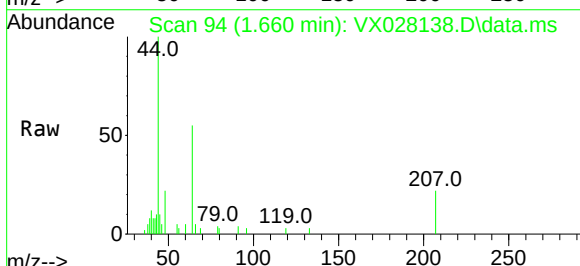
Instrument :
MSVOA_X
ClientSampleId :
CS-1-(DUMPSTER-RIGHT)

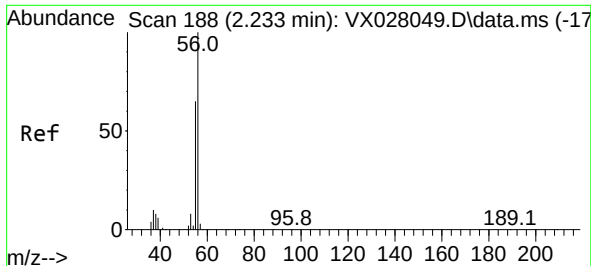
Tgt Ion:168 Resp: 215511
Ion Ratio Lower Upper
168 100
99 53.4 41.7 62.5



#6
Chloroethane
Concen: 2.778 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX028138.D
Acq: 15 Apr 2022 17:09

Tgt Ion: 64 Resp: 424
Ion Ratio Lower Upper
64 100
66 23.6 25.3 37.9#

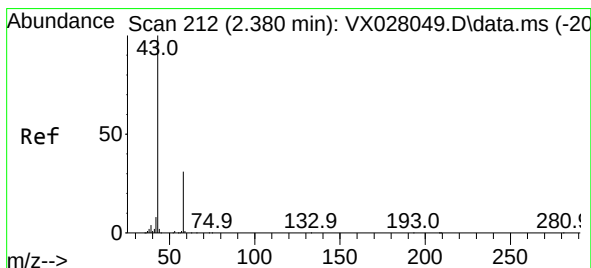
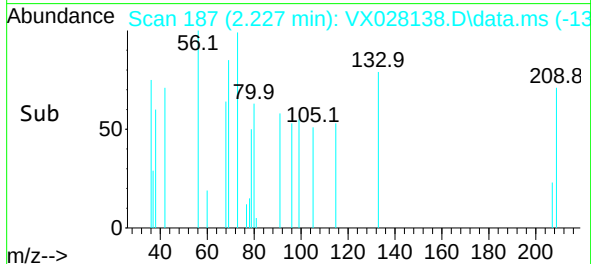
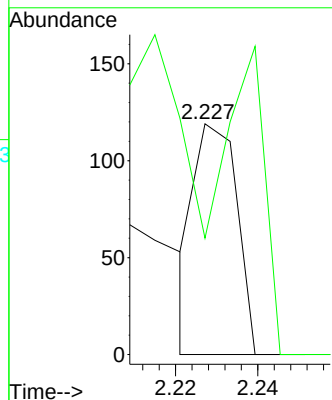
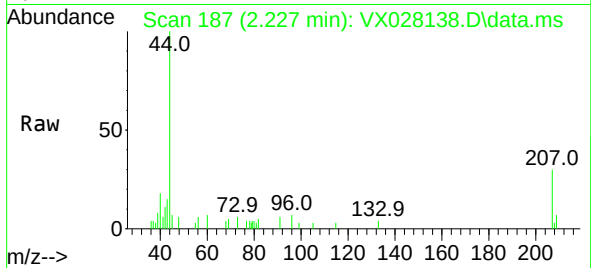




#13
Acrolein
Concen: Below Cal
RT: 2.227 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028138.D
Acq: 15 Apr 2022 17:09

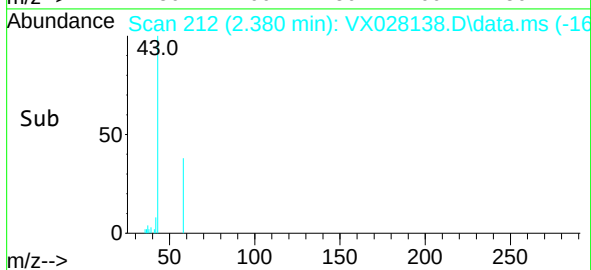
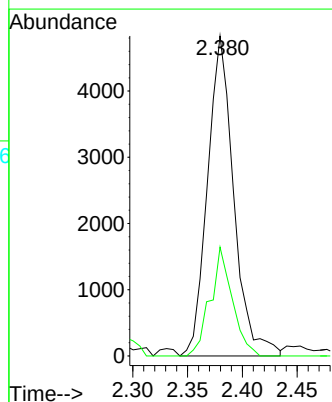
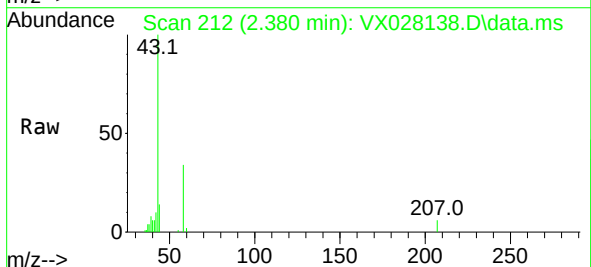
Instrument :
MSVOA_X
ClientSampleId :
CS-1-(DUMPSTER-RIGHT)

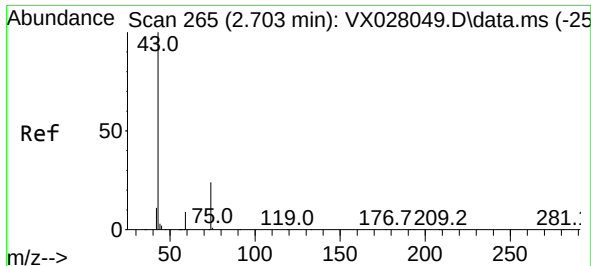
Tgt Ion: 56 Resp: 84
Ion Ratio Lower Upper
56 100
55 211.9 55.0 82.6#



#16
Acetone
Concen: 6.610 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028138.D
Acq: 15 Apr 2022 17:09

Tgt Ion: 43 Resp: 8052
Ion Ratio Lower Upper
43 100
58 34.0 28.8 43.2

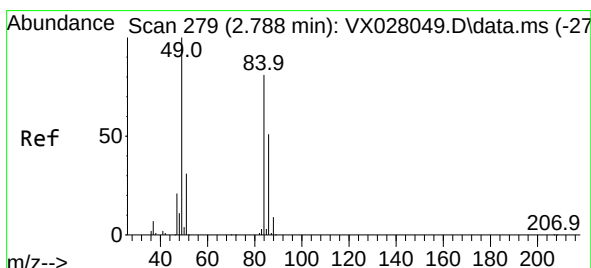
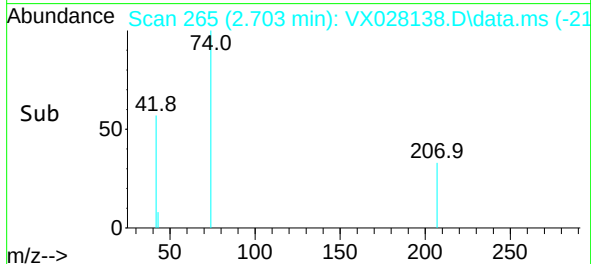
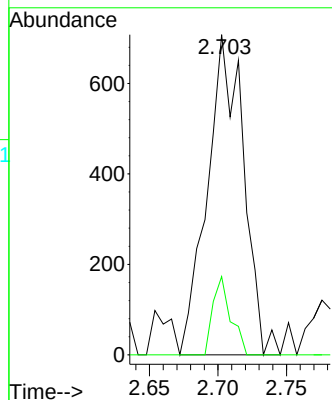
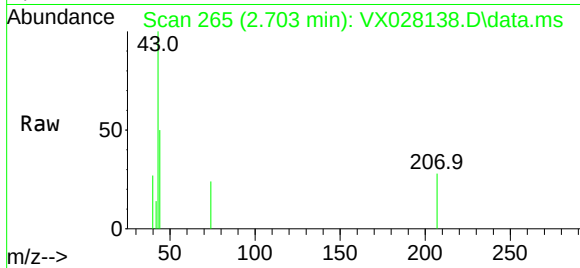




#18
Methyl Acetate
Concen: 0.401 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX028138.D
Acq: 15 Apr 2022 17:09

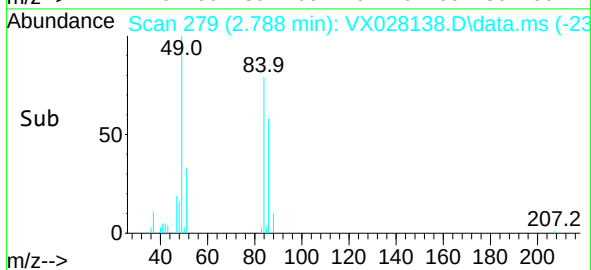
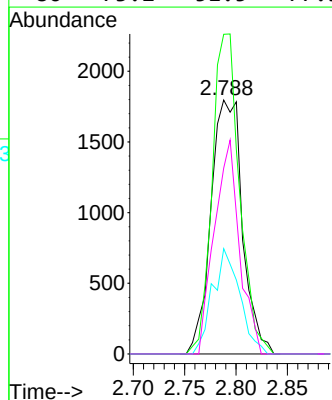
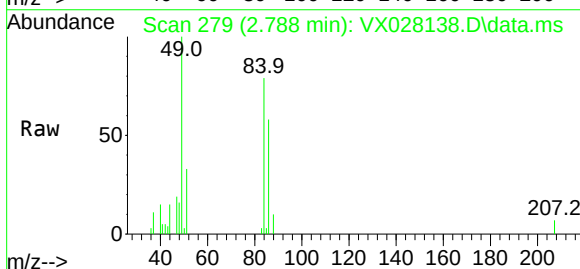
Instrument :
MSVOA_X
ClientSampleId :
CS-1-(DUMPSTER-RIGHT)

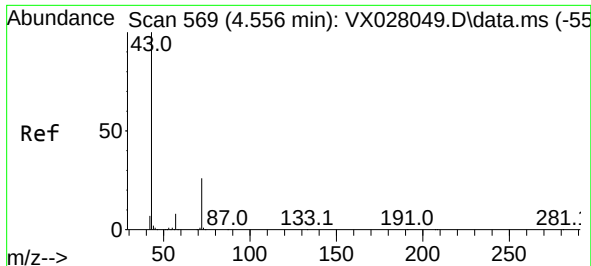
Tgt Ion: 43 Resp: 1302
Ion Ratio Lower Upper
43 100
74 12.0 22.8 34.2#



#20
Methylene Chloride
Concen: 1.577 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028138.D
Acq: 15 Apr 2022 17:09

Tgt Ion: 84 Resp: 3827
Ion Ratio Lower Upper
84 100
49 125.9 85.5 128.3
51 41.5 26.6 39.8#
86 73.2 51.5 77.3





#25

2-Butanone

Concen: 0.552 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX028138.D

Acq: 15 Apr 2022 17:09

Instrument :

MSVOA_X

ClientSampleId :

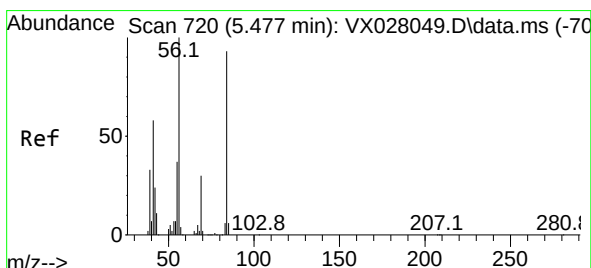
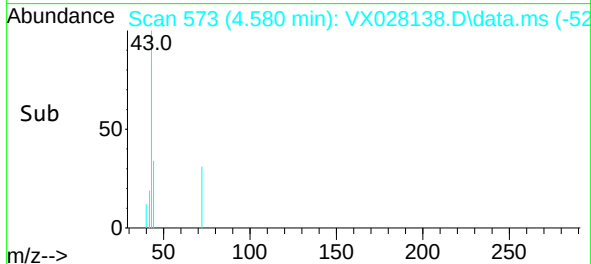
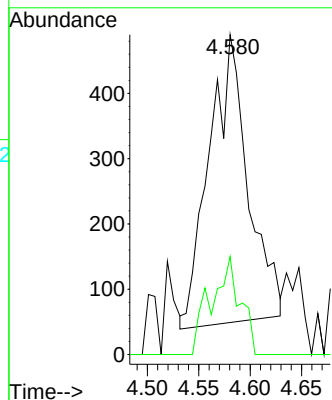
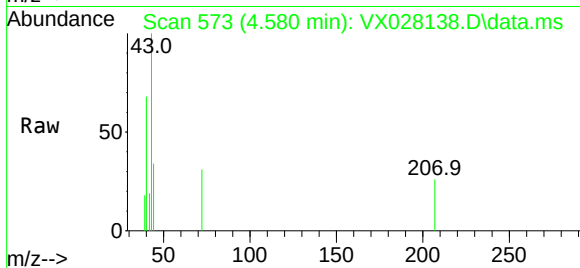
CS-1-(DUMPSTER-RIGHT)

Tgt Ion: 43 Resp: 1162

Ion Ratio Lower Upper

43 100

72 34.8 24.4 36.6



#31

Cyclohexane

Concen: 1.258 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX028138.D

Acq: 15 Apr 2022 17:09

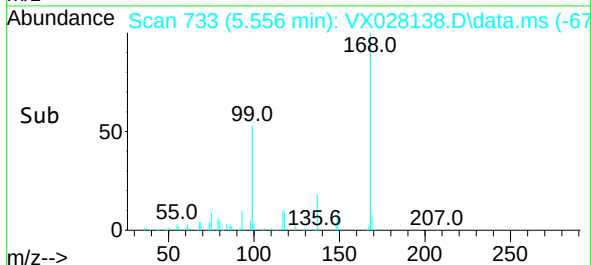
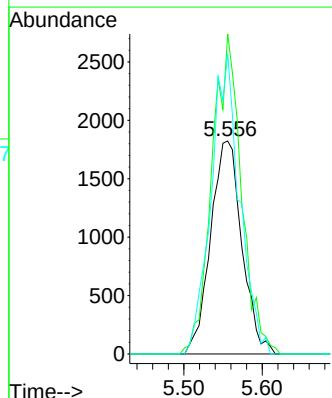
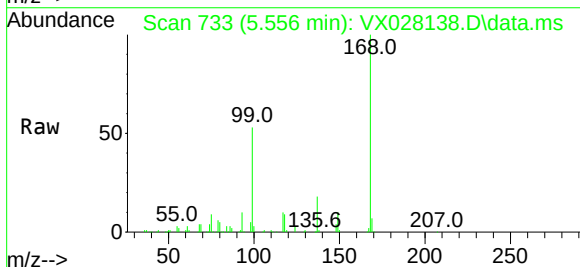
Tgt Ion: 56 Resp: 5058

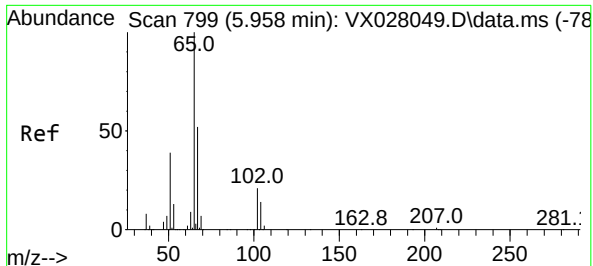
Ion Ratio Lower Upper

56 100

69 150.3 26.7 40.1#

84 140.8 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 46.688 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028138.D

Acq: 15 Apr 2022 17:09

Instrument :

MSVOA_X

ClientSampleId :

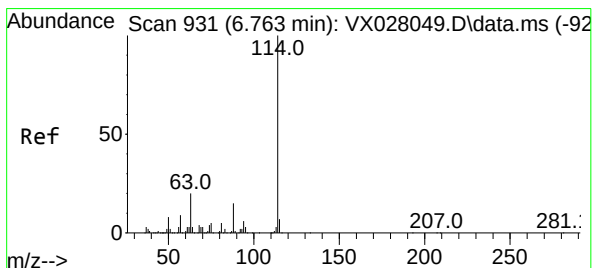
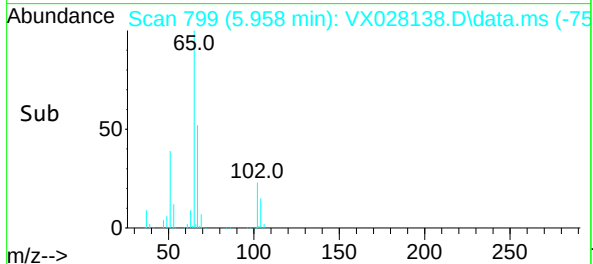
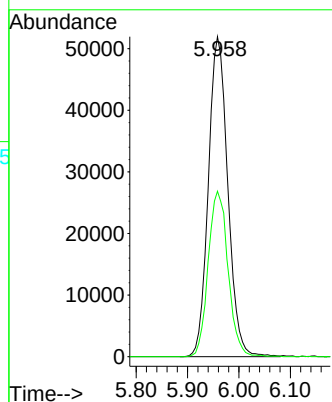
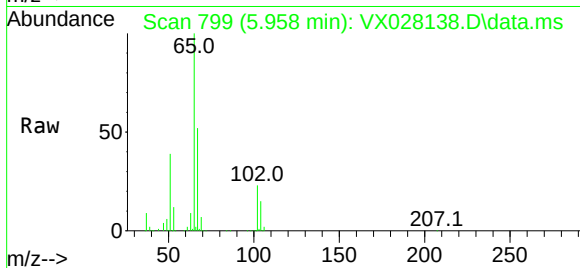
CS-1-(DUMPSTER-RIGHT)

Tgt Ion: 65 Resp: 136506

Ion Ratio Lower Upper

65 100

67 52.9 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028138.D

Acq: 15 Apr 2022 17:09

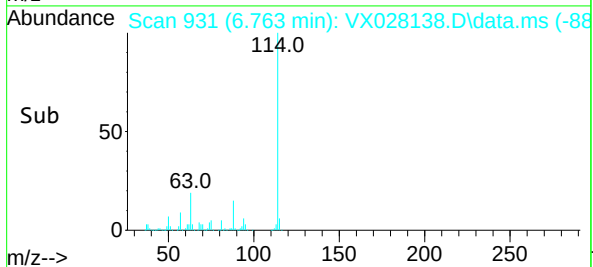
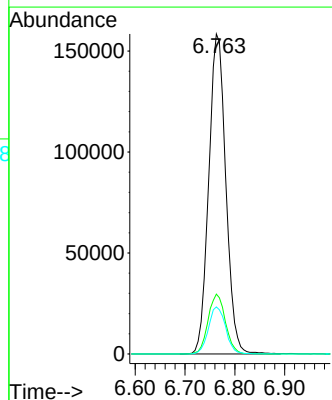
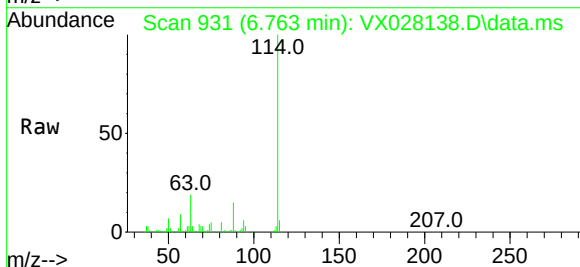
Tgt Ion: 114 Resp: 377539

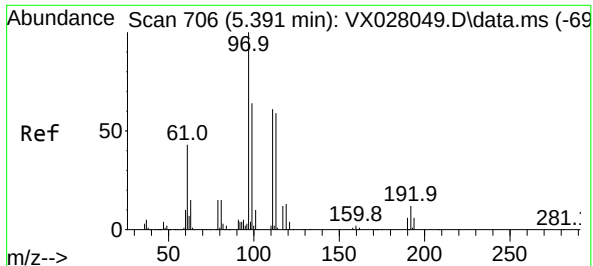
Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.8

88 14.7 0.0 32.4

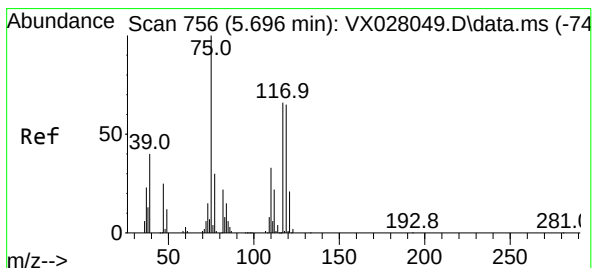
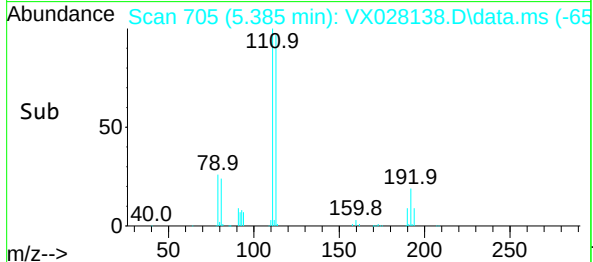
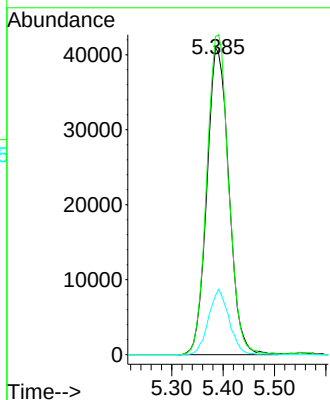
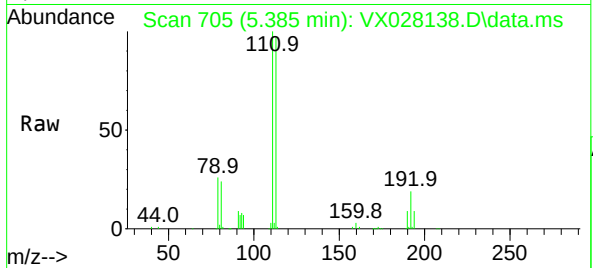




#35
Dibromofluoromethane
Concen: 49.224 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX028138.D
Acq: 15 Apr 2022 17:09

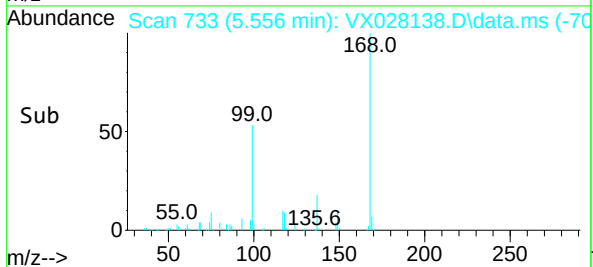
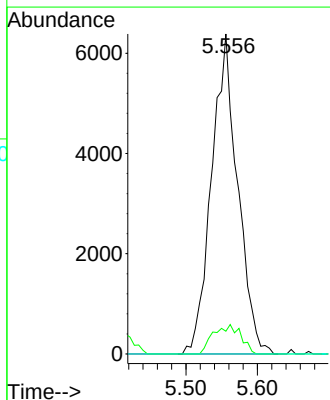
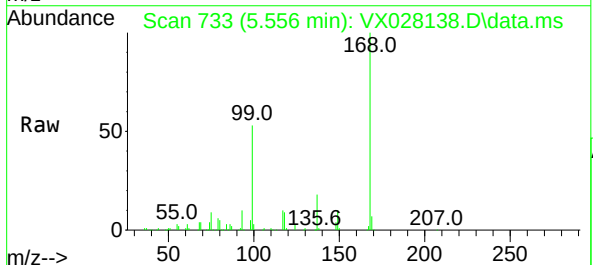
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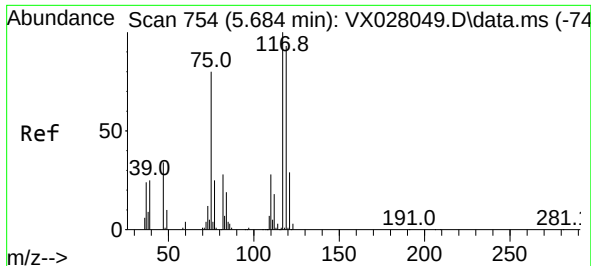
Tgt Ion:113 Resp: 121775
Ion Ratio Lower Upper
113 100
111 103.7 82.8 124.2
192 19.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.292 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX028138.D
Acq: 15 Apr 2022 17:09

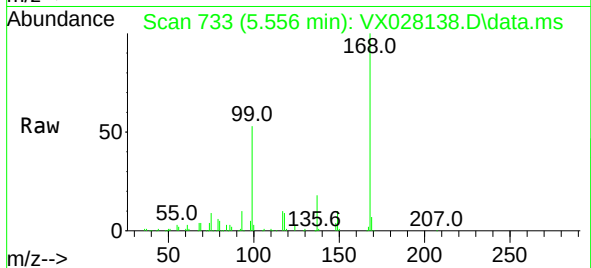
Tgt Ion: 75 Resp: 16207
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 24.8 37.2#



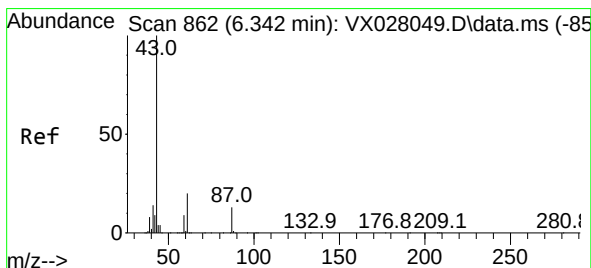
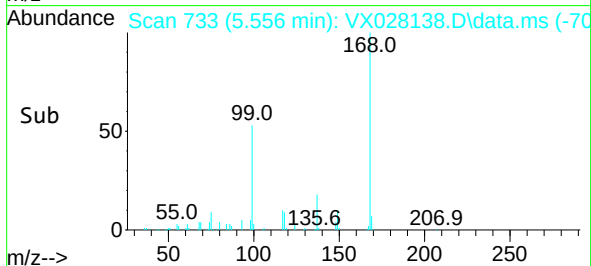
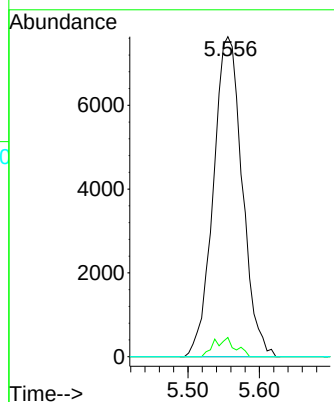


#38
Carbon Tetrachloride
Concen: 5.314 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX028138.D
Acq: 15 Apr 2022 17:09

Instrument :
MSVOA_X
ClientSampleId :
CS-1-(DUMPSTER-RIGHT)

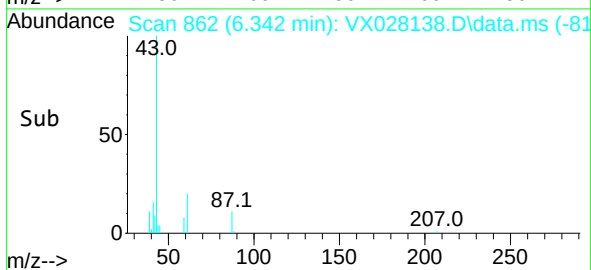
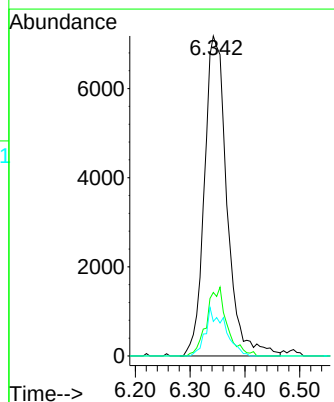
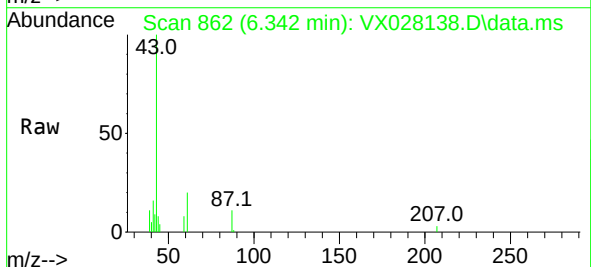


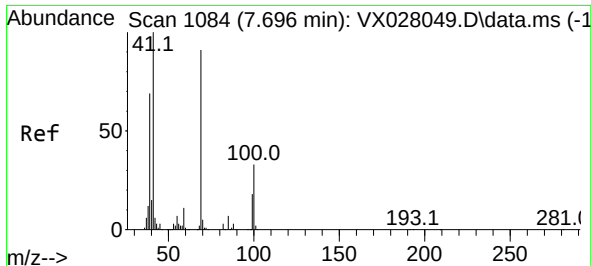
Tgt Ion:117 Resp: 21420
Ion Ratio Lower Upper
117 100
119 6.0 77.3 115.9#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 2.798 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX028138.D
Acq: 15 Apr 2022 17:09

Tgt Ion: 43 Resp: 20503
Ion Ratio Lower Upper
43 100
61 19.3 18.5 27.7
87 13.1 13.0 19.6

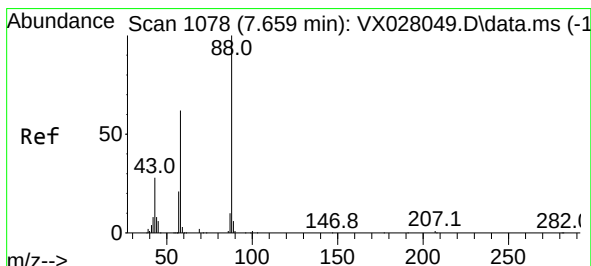
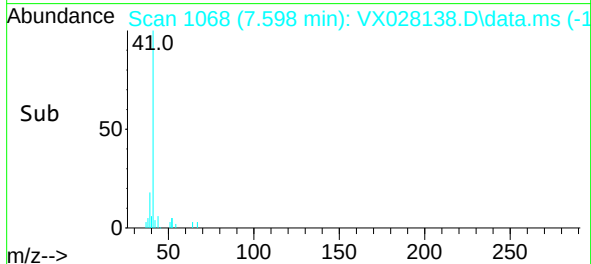
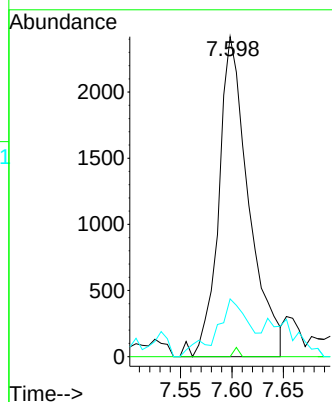
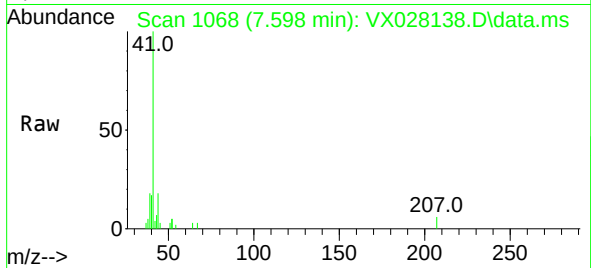




#48
Methyl methacrylate
Concen: 1.472 ug/l
RT: 7.598 min Scan# 1098
Delta R.T. -0.098 min
Lab File: VX028138.D
Acq: 15 Apr 2022 17:09

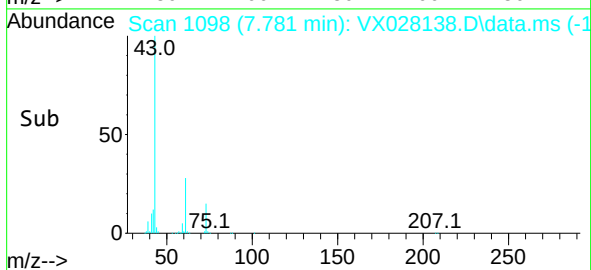
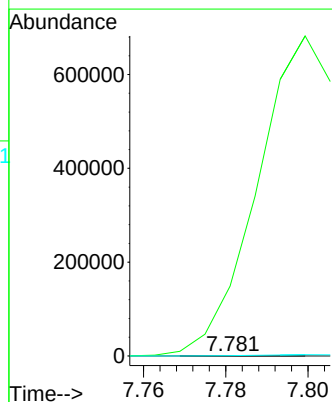
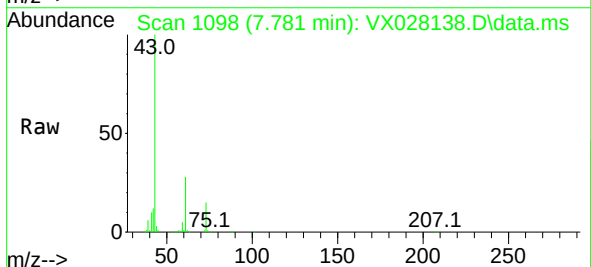
Instrument :
MSVOA_X
ClientSampleId :
CS-1-(DUMPSTER-RIGHT)

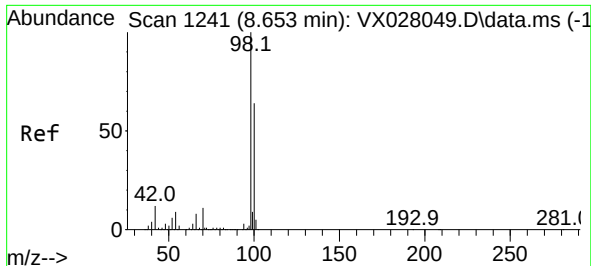
Tgt Ion: 41 Resp: 4923
Ion Ratio Lower Upper
41 100
69 0.5 82.5 123.7#
39 0.0 43.8 65.8#



#49
1,4-Dioxane
Concen: 1.018 ug/l
RT: 7.781 min Scan# 1098
Delta R.T. 0.122 min
Lab File: VX028138.D
Acq: 15 Apr 2022 17:09

Tgt Ion: 88 Resp: 76
Ion Ratio Lower Upper
88 100
43 0.0 21.9 32.9#
58 0.0 53.7 80.5#

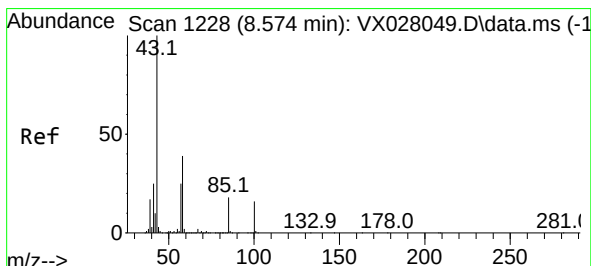
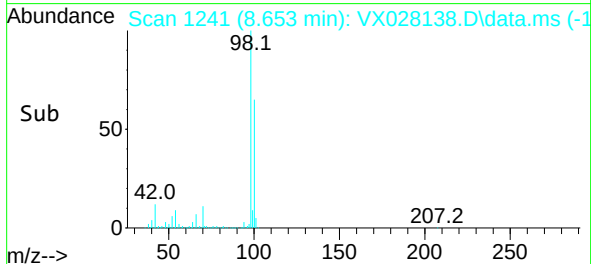
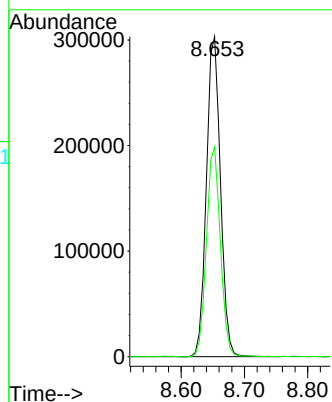
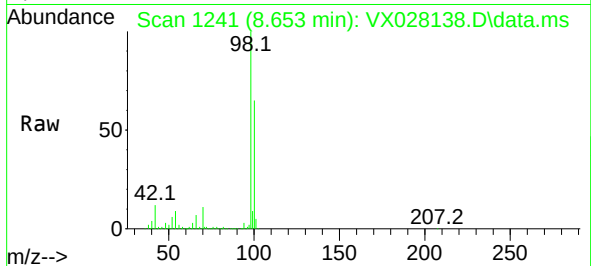




#50
Toluene-d8
Concen: 50.898 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028138.D
Acq: 15 Apr 2022 17:09

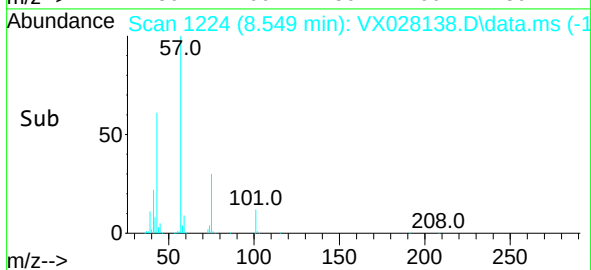
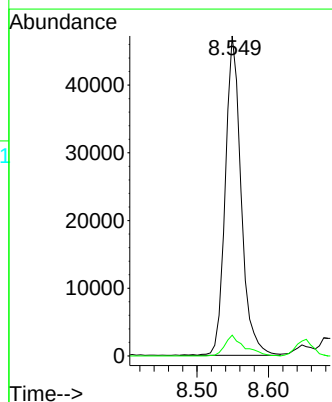
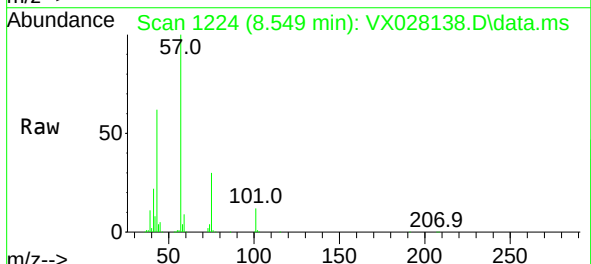
Instrument :
MSVOA_X
ClientSampleId :
CS-1-(DUMPSTER-RIGHT)

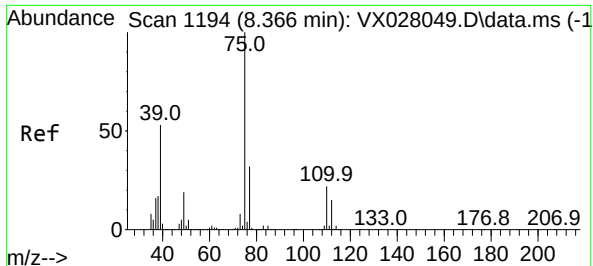
Tgt Ion: 98 Resp: 469611
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 15.543 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.025 min
Lab File: VX028138.D
Acq: 15 Apr 2022 17:09

Tgt Ion: 43 Resp: 72620
Ion Ratio Lower Upper
43 100
58 7.9 36.1 54.1#

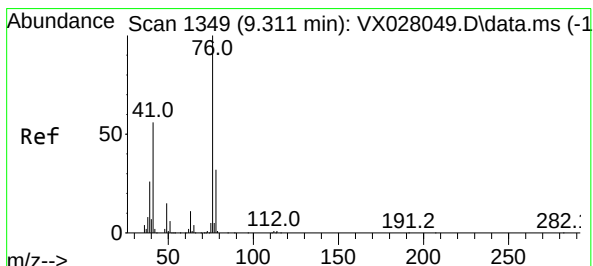
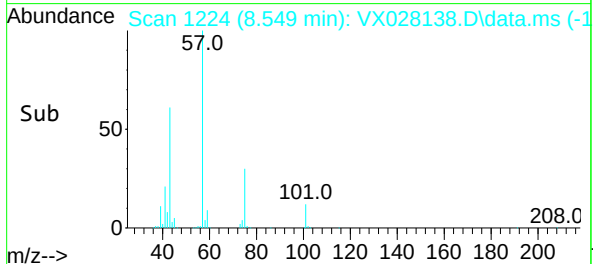
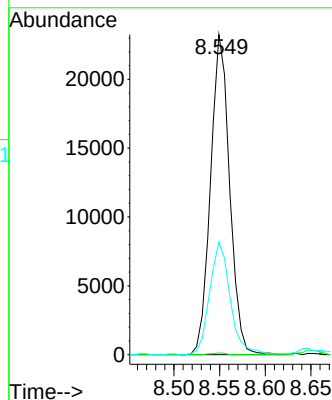
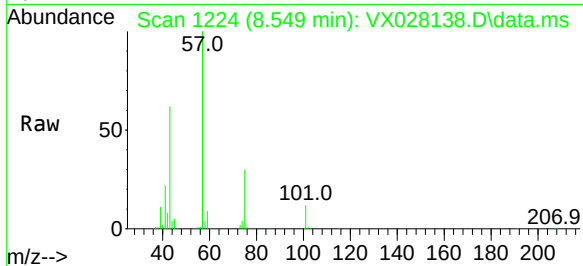




#54
 cis-1,3-Dichloropropene
 Concen: 7.296 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX028138.D
 Acq: 15 Apr 2022 17:09

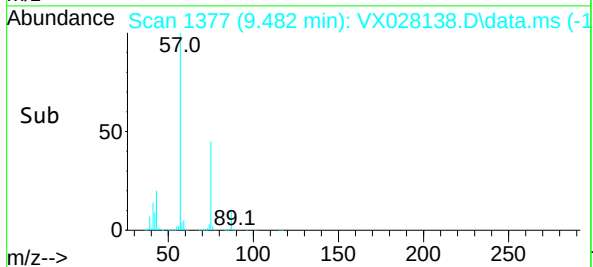
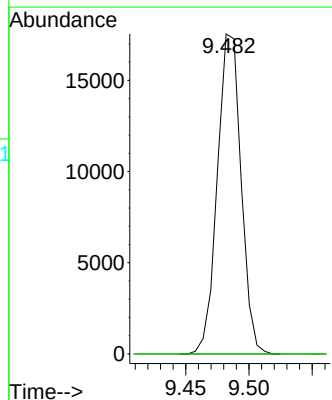
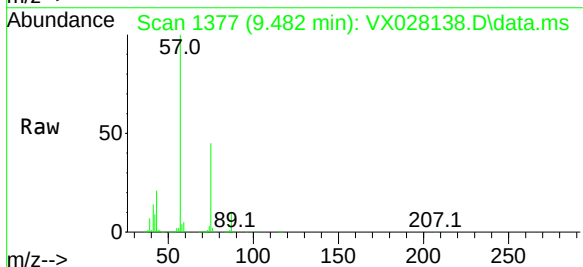
Instrument : MSVOA_X
 ClientSampleId : CS-1-(DUMPSTER-RIGHT)

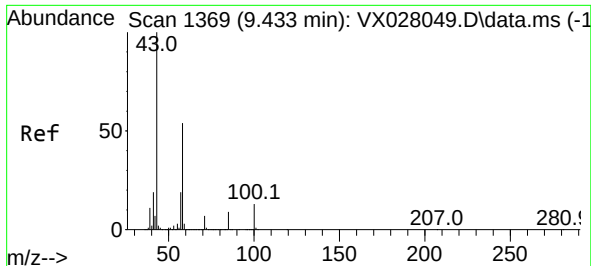
Tgt Ion: 75 Resp: 33721
 Ion Ratio Lower Upper
 75 100
 77 0.6 24.8 37.2#
 39 35.2 29.6 44.4



#57
 1,3-Dichloropropane
 Concen: 4.652 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX028138.D
 Acq: 15 Apr 2022 17:09

Tgt Ion: 76 Resp: 22898
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.8#





#59

2-Hexanone

Concen: 82.939 ug/l

RT: 9.482 min Scan# 11

Delta R.T. 0.049 min

Lab File: VX028138.D

Acq: 15 Apr 2022 17:09

Instrument :

MSVOA_X

ClientSampleId :

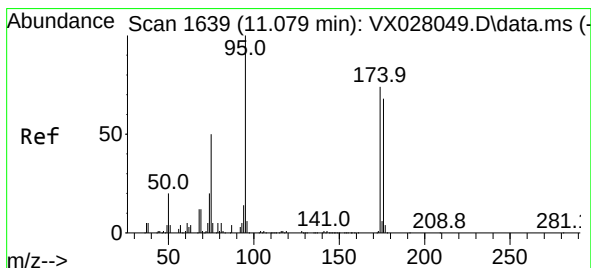
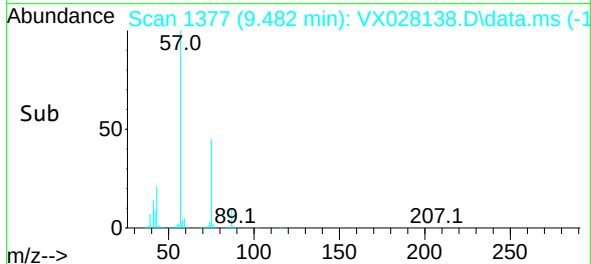
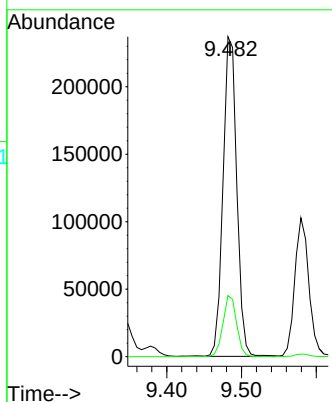
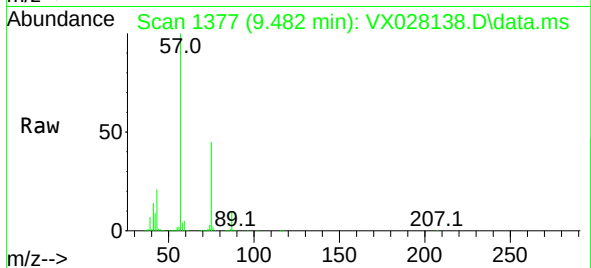
CS-1-(DUMPSTER-RIGHT)

Tgt Ion: 43 Resp: 303480

Ion Ratio Lower Upper

43 100

58 19.1 31.9 95.7#



#62

4-Bromofluorobenzene

Concen: 46.375 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX028138.D

Acq: 15 Apr 2022 17:09

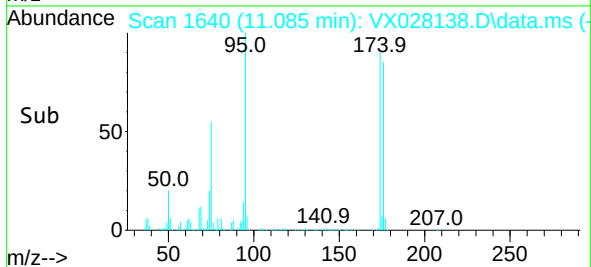
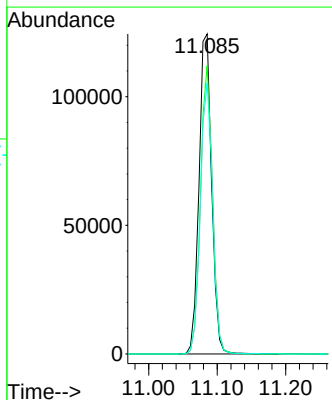
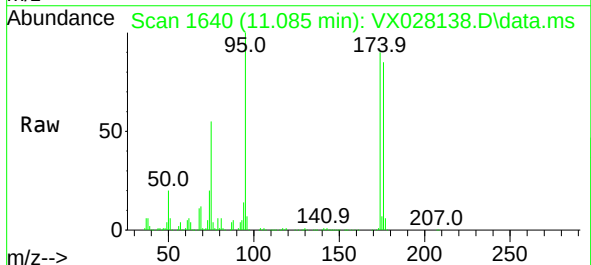
Tgt Ion: 95 Resp: 159762

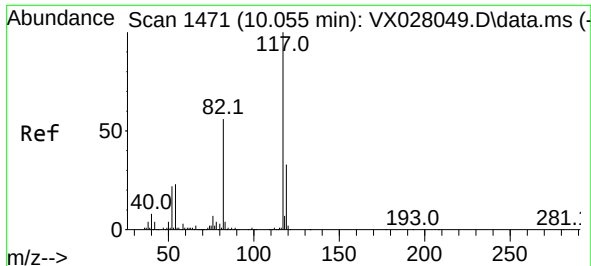
Ion Ratio Lower Upper

95 100

174 86.7 0.0 163.0

176 82.7 0.0 155.0

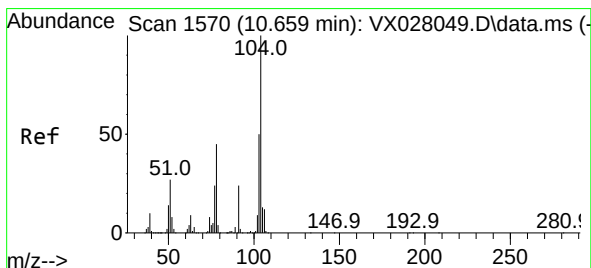
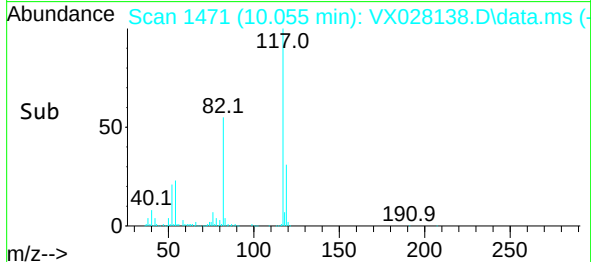
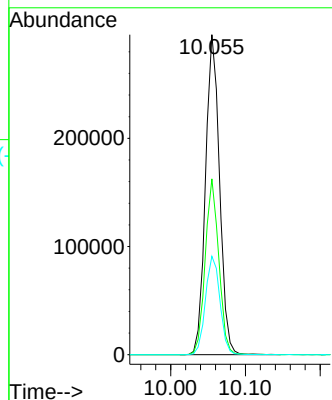
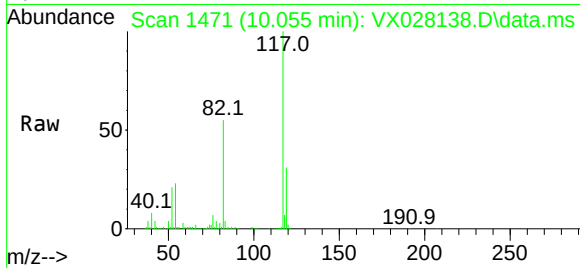




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028138.D
Acq: 15 Apr 2022 17:09

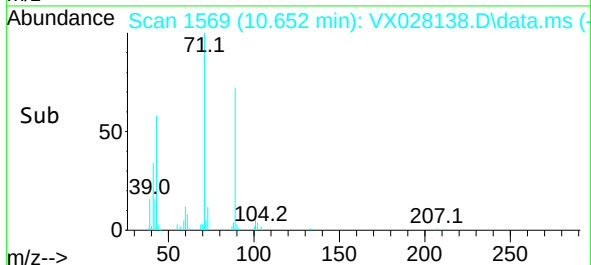
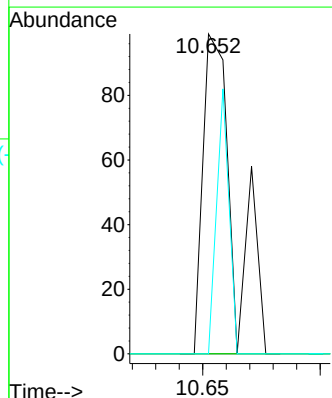
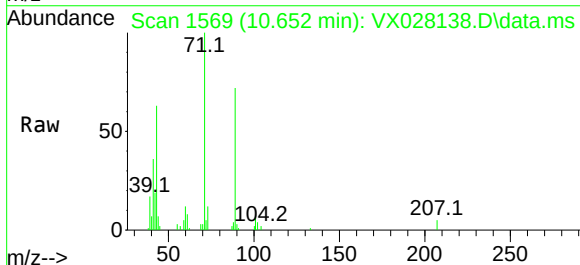
Instrument :
MSVOA_X
ClientSampleId :
CS-1-(DUMPSTER-RIGHT)

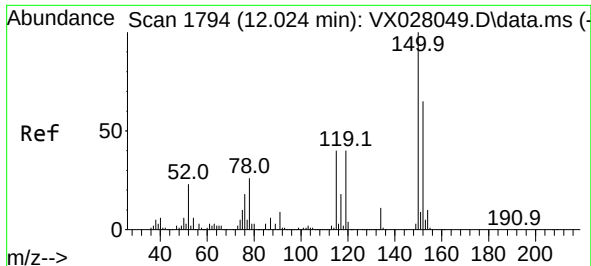
Tgt Ion:117 Resp: 385752
Ion Ratio Lower Upper
117 100
82 55.0 41.8 62.8
119 30.7 24.8 37.2



#70
Styrene
Concen: 4.711 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.007 min
Lab File: VX028138.D
Acq: 15 Apr 2022 17:09

Tgt Ion:104 Resp: 91
Ion Ratio Lower Upper
104 100
78 0.0 38.6 57.8#
103 33.0 43.8 65.8#

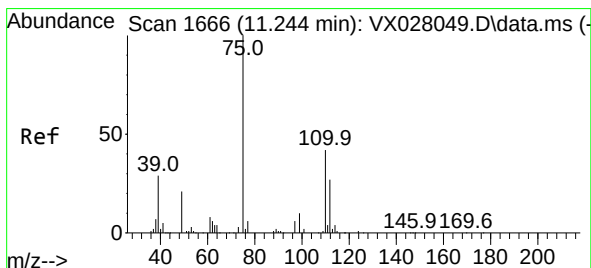
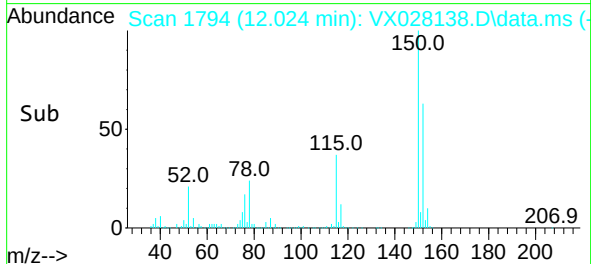
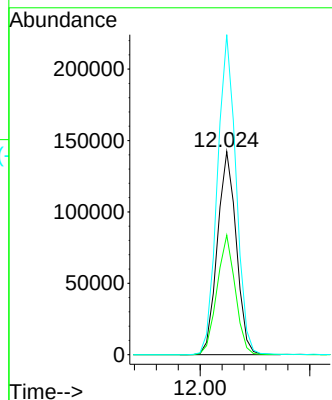
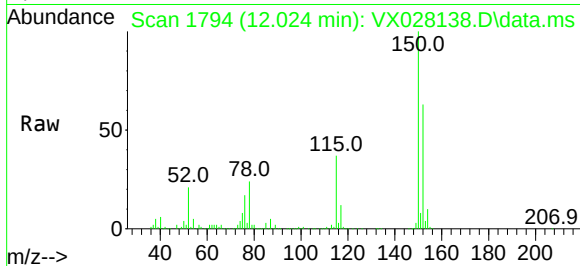




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028138.D
 Acq: 15 Apr 2022 17:09

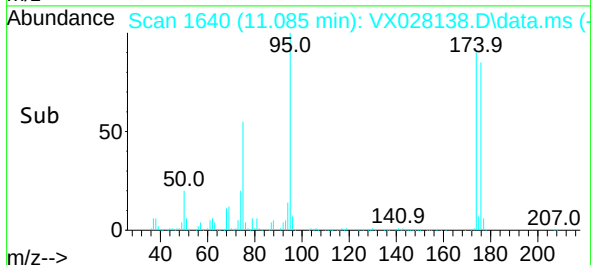
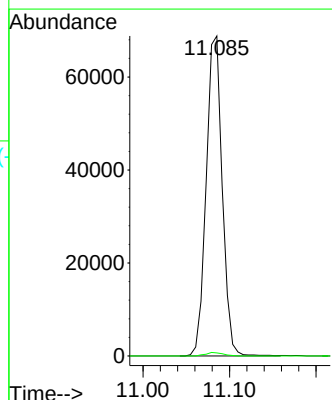
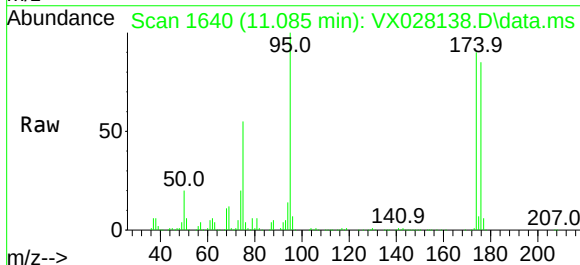
Instrument :
 MSVOA_X
 ClientSampleId :
 CS-1-(DUMPSTER-RIGHT)

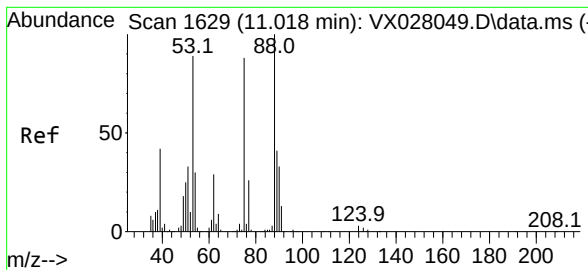
Tgt Ion:152 Resp: 169917
 Ion Ratio Lower Upper
 152 100
 115 57.2 37.5 112.7
 150 156.5 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 23.409 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX028138.D
 Acq: 15 Apr 2022 17:09

Tgt Ion: 75 Resp: 88549
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.930 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX028138.D
 Acq: 15 Apr 2022 17:09

Instrument :
 MSVOA_X
 ClientSampleId :
 CS-1-(DUMPSTER-RIGHT)

Tgt Ion: 75 Resp: 88549
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

