

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041522\
 Data File : VX028139.D
 Acq On : 15 Apr 2022 17:33
 Operator : JC/MD
 Sample : N2394-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CS-2-(DUMPSTER-RIGHT)

Quant Time: Apr 16 02:27:10 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)

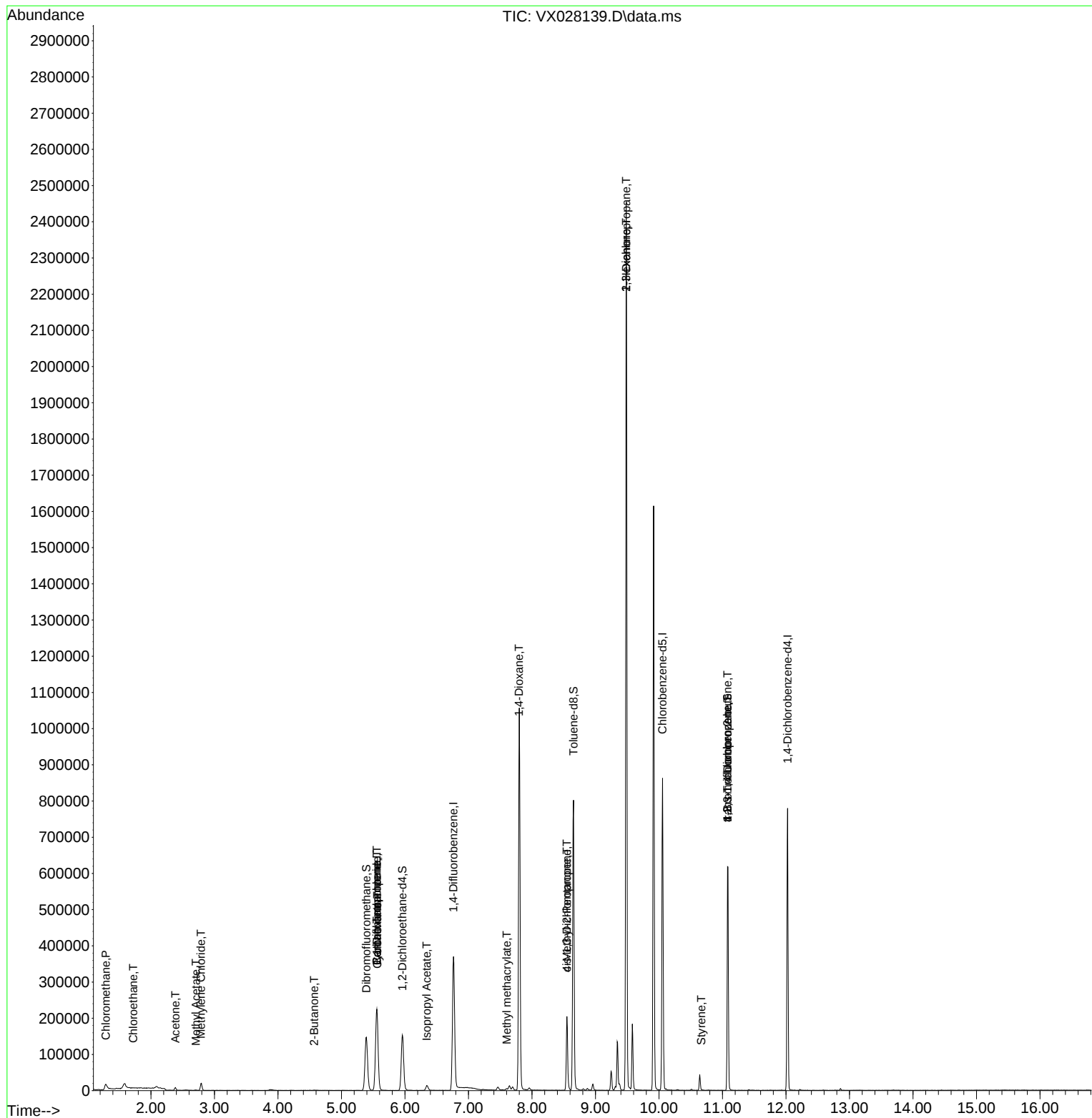
Internal Standards						
1) Pentafluorobenzene	5.556	168	219208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	379402	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	370175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	141932	47.725	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.460%		
35) Dibromofluoromethane	5.391	113	123131	49.528	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.060%		
50) Toluene-d8	8.653	98	466369	50.298	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.600%		
62) 4-Bromofluorobenzene	11.079	95	149458	43.171	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	86.340%		
Target Compounds						Qvalue
3) Chloromethane	1.288	50	715	0.304	ug/l #	79
5) Bromomethane	1.581	94	262	Below Cal	#	3
6) Chloroethane	1.721	64	563	2.831	ug/l #	43
13) Acrolein	2.227	56	119	Below Cal	#	15
16) Acetone	2.386	43	7867	6.349	ug/l	98
18) Methyl Acetate	2.709	43	1296	0.392	ug/l #	78
20) Methylene Chloride	2.788	84	8779	3.557	ug/l	94
25) 2-Butanone	4.568	43	1819	0.849	ug/l #	44
31) Cyclohexane	5.562	56	4999	1.222	ug/l #	41
36) 1,1-Dichloropropene	5.556	75	16611	4.378	ug/l #	50
38) Carbon Tetrachloride	5.556	117	22030	5.438	ug/l #	15
43) Isopropyl Acetate	6.342	43	19152	2.601	ug/l	94
48) Methyl methacrylate	7.604	41	5973	1.777	ug/l #	7
49) 1,4-Dioxane	7.793	88	169	2.252	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	69939	14.896	ug/l #	44
54) cis-1,3-Dichloropropene	8.549	75	32148	6.922	ug/l #	71
57) 1,3-Dichloropropane	9.482	76	20573	4.159	ug/l #	44
59) 2-Hexanone	9.482	43	270371	73.528	ug/l #	42
70) Styrene	10.665	104	57	4.709	ug/l #	26
76) 1,2,3-Trichloropropane	11.079	75	82879	24.025	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	82879	67.667	ug/l #	15

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

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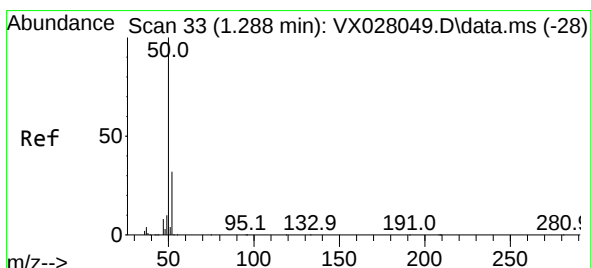
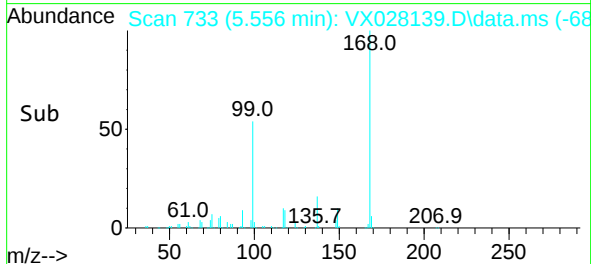
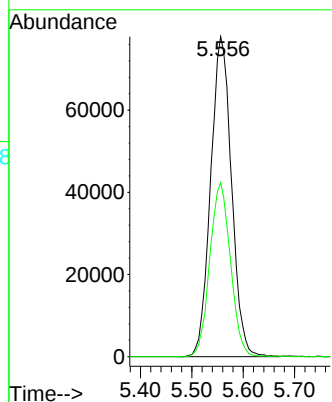
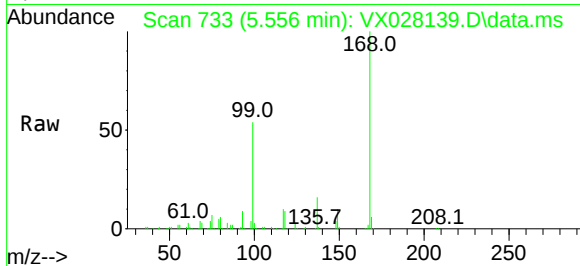




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028139.D
Acq: 15 Apr 2022 17:33

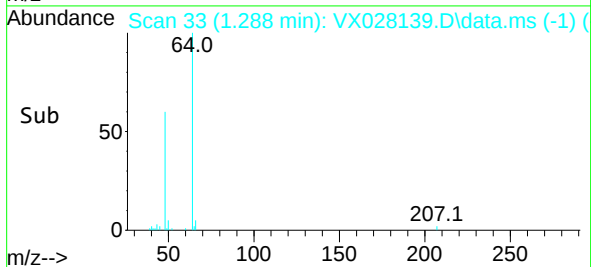
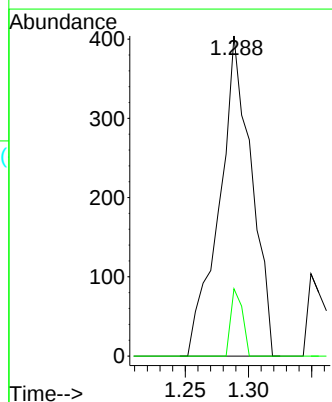
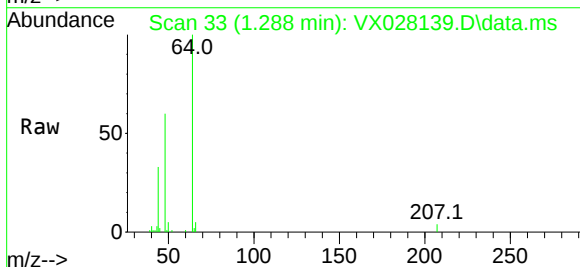
Instrument :
MSVOA_X
ClientSampleId :
CS-2-(DUMPSTER-RIGHT)

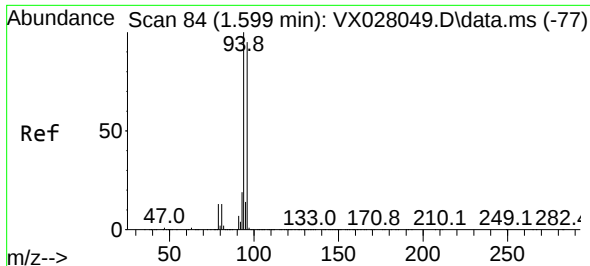
Tgt Ion:168 Resp: 219208
Ion Ratio Lower Upper
168 100
99 54.4 41.7 62.5



#3
Chloromethane
Concen: 0.304 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX028139.D
Acq: 15 Apr 2022 17:33

Tgt Ion: 50 Resp: 715
Ion Ratio Lower Upper
50 100
52 21.0 26.4 39.6#

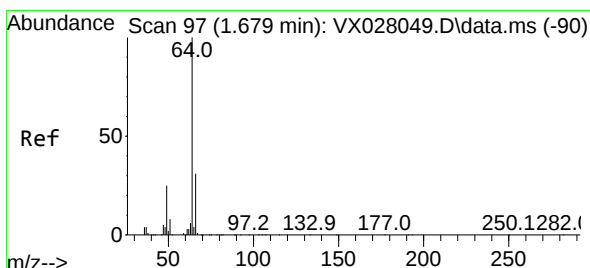
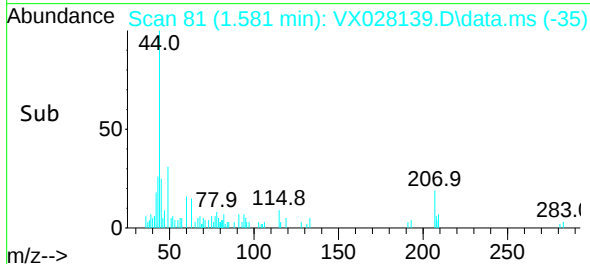
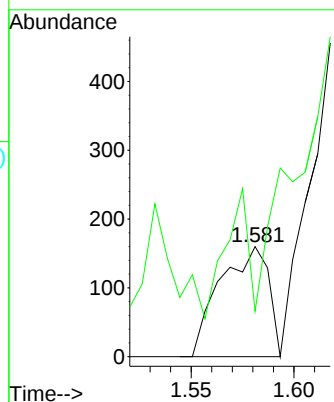
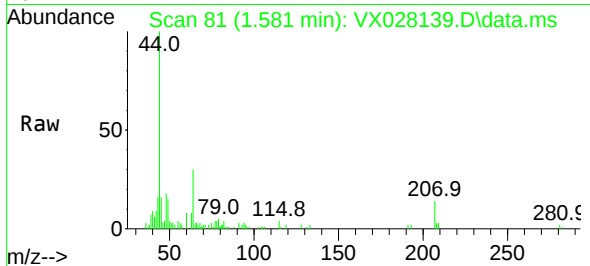




#5
Bromomethane
Concen: Below Cal
RT: 1.581 min Scan# 81
Delta R.T. -0.018 min
Lab File: VX028139.D
Acq: 15 Apr 2022 17:33

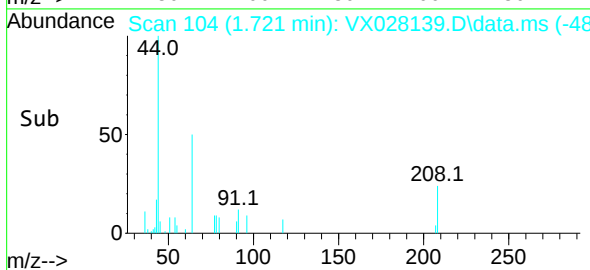
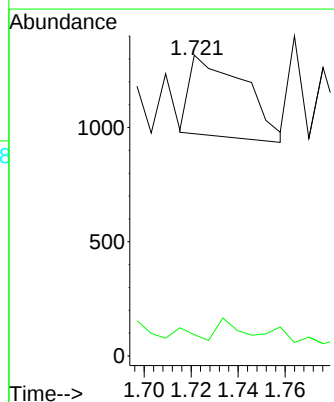
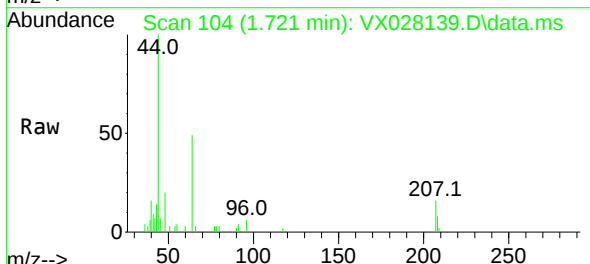
Instrument :
MSVOA_X
ClientSampleId :
CS-2-(DUMPSTER-RIGHT)

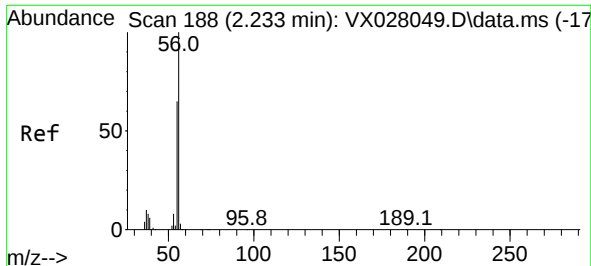
Tgt Ion: 94 Resp: 262
Ion Ratio Lower Upper
94 100
96 0.0 75.3 112.9#



#6
Chloroethane
Concen: 2.831 ug/l
RT: 1.721 min Scan# 104
Delta R.T. 0.042 min
Lab File: VX028139.D
Acq: 15 Apr 2022 17:33

Tgt Ion: 64 Resp: 563
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

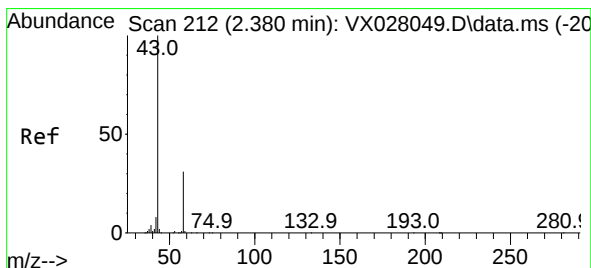
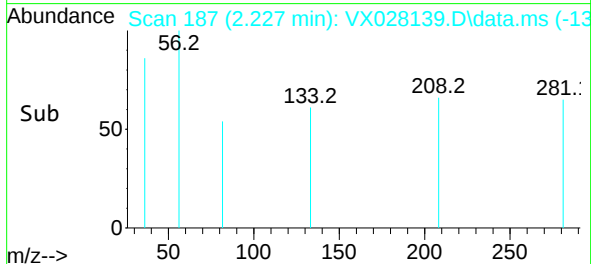
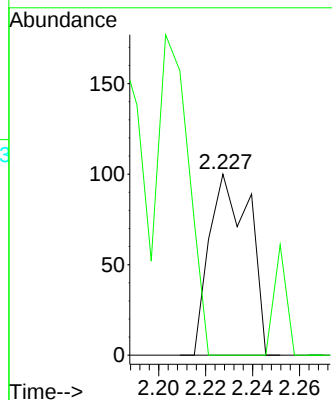
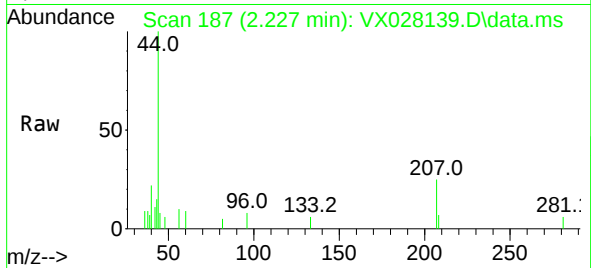




#13
Acrolein
Concen: Below Cal
RT: 2.227 min Scan# 119
Delta R.T. -0.006 min
Lab File: VX028139.D
Acq: 15 Apr 2022 17:33

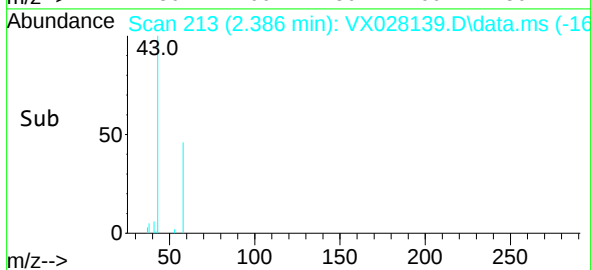
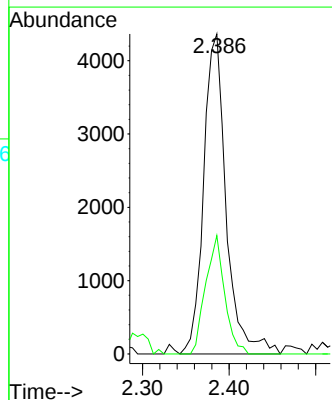
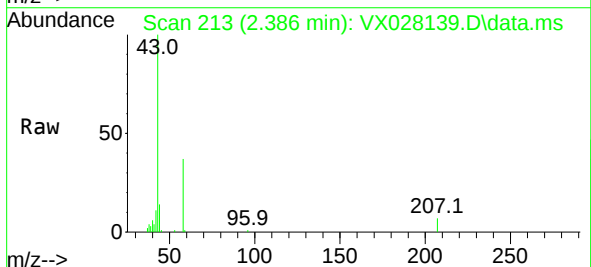
Instrument :
MSVOA_X
ClientSampleId :
CS-2-(DUMPSTER-RIGHT)

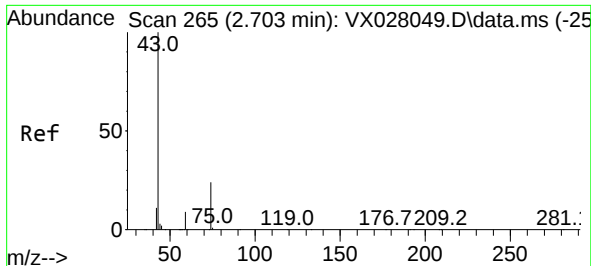
Tgt Ion: 56 Resp: 119
Ion Ratio Lower Upper
56 100
55 0.0 55.0 82.6#



#16
Acetone
Concen: 6.349 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX028139.D
Acq: 15 Apr 2022 17:33

Tgt Ion: 43 Resp: 7867
Ion Ratio Lower Upper
43 100
58 37.0 28.8 43.2

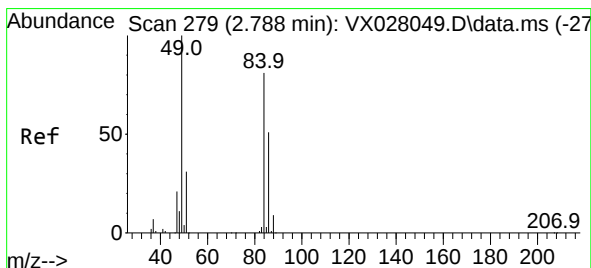
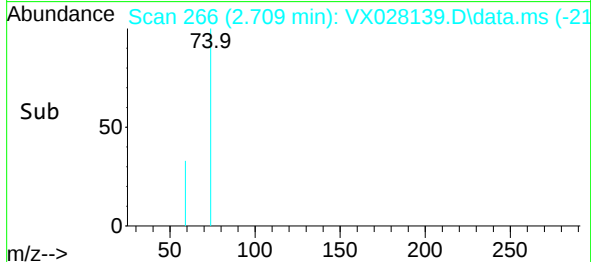
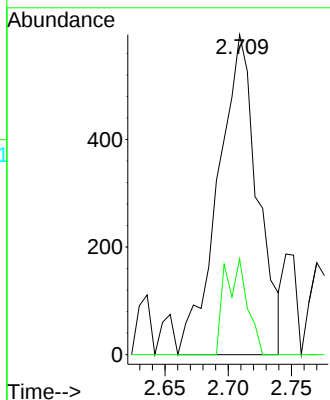
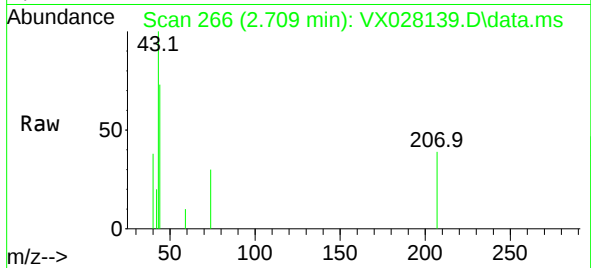




#18
Methyl Acetate
Concen: 0.392 ug/l
RT: 2.709 min Scan# 206
Delta R.T. 0.006 min
Lab File: VX028139.D
Acq: 15 Apr 2022 17:33

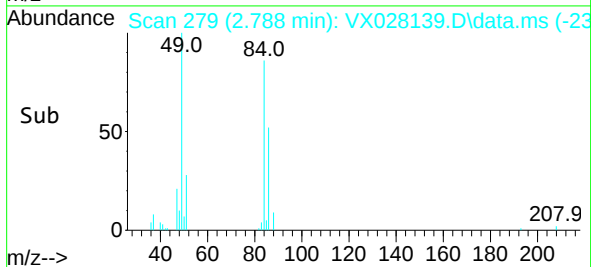
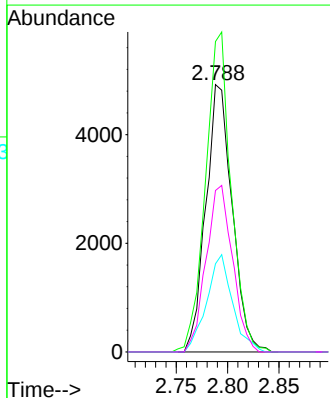
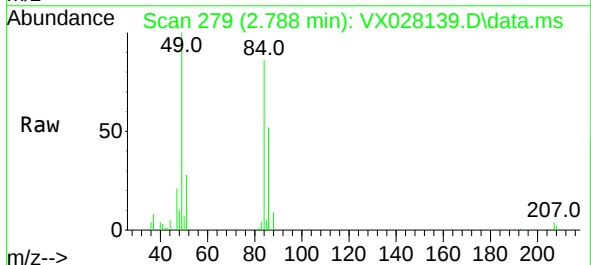
Instrument :
MSVOA_X
ClientSampleId :
CS-2-(DUMPSTER-RIGHT)

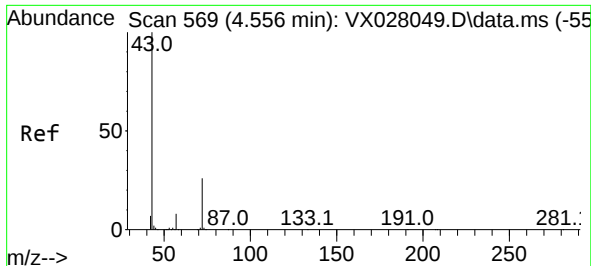
Tgt Ion: 43 Resp: 1296
Ion Ratio Lower Upper
43 100
74 16.8 22.8 34.2#



#20
Methylene Chloride
Concen: 3.557 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028139.D
Acq: 15 Apr 2022 17:33

Tgt Ion: 84 Resp: 8779
Ion Ratio Lower Upper
84 100
49 116.1 85.5 128.3
51 33.0 26.6 39.8
86 60.3 51.5 77.3

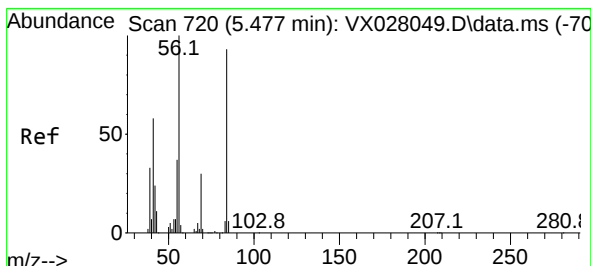
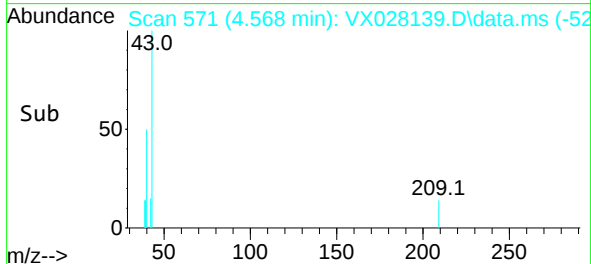
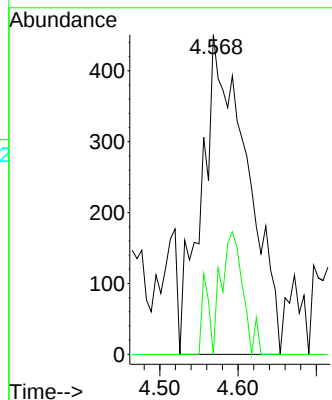
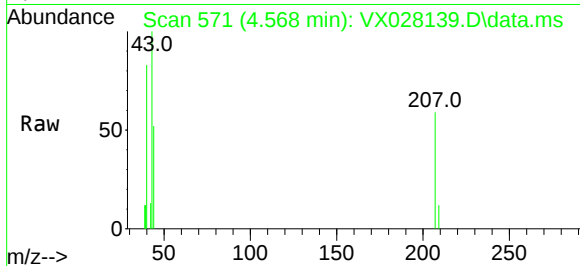




#25
2-Butanone
Concen: 0.849 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX028139.D
Acq: 15 Apr 2022 17:33

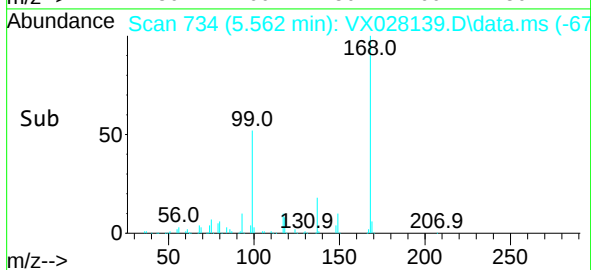
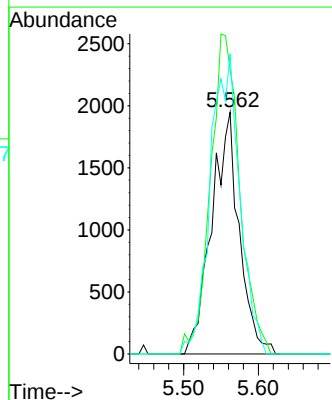
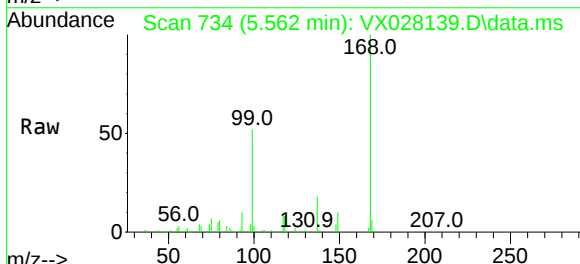
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ClientSampleId :
CS-2-(DUMPSTER-RIGHT)

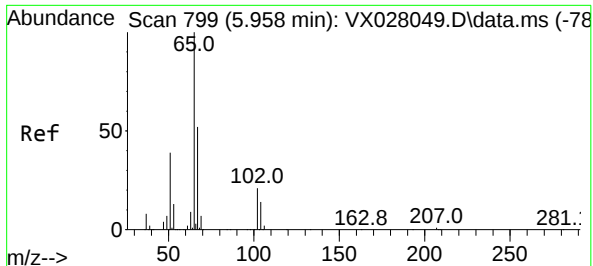
Tgt Ion: 43 Resp: 1819
Ion Ratio Lower Upper
43 100
72 0.0 24.4 36.6#



#31
Cyclohexane
Concen: 1.222 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX028139.D
Acq: 15 Apr 2022 17:33

Tgt Ion: 56 Resp: 4999
Ion Ratio Lower Upper
56 100
69 117.7 26.7 40.1#
84 124.1 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 47.725 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028139.D

Acq: 15 Apr 2022 17:33

Instrument :

MSVOA_X

ClientSampleId :

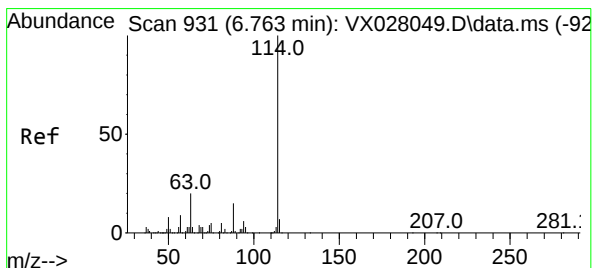
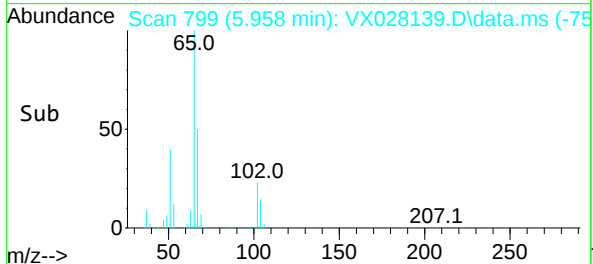
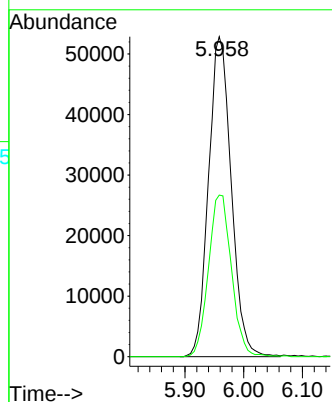
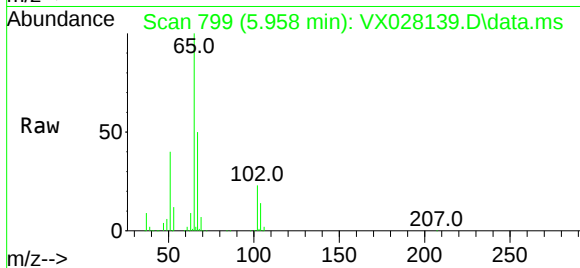
CS-2-(DUMPSTER-RIGHT)

Tgt Ion: 65 Resp: 141932

Ion Ratio Lower Upper

65 100

67 51.3 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: VX028139.D

Acq: 15 Apr 2022 17:33

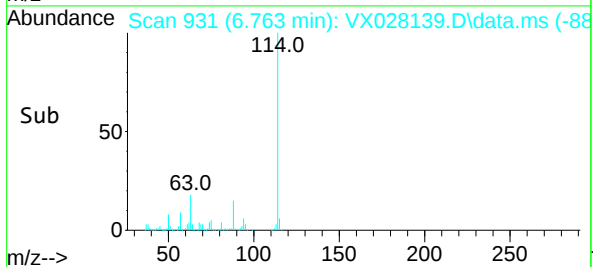
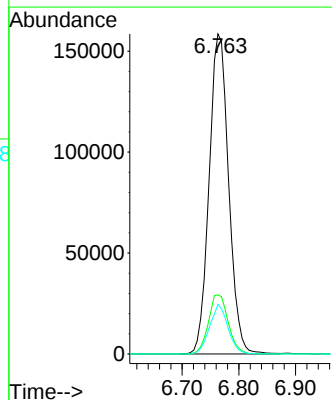
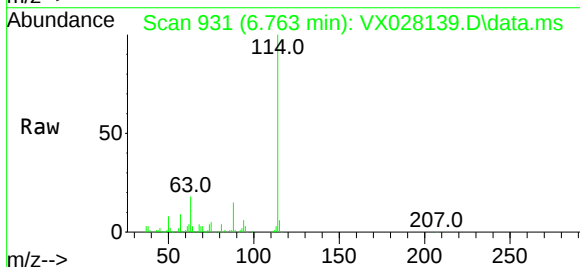
Tgt Ion: 114 Resp: 379402

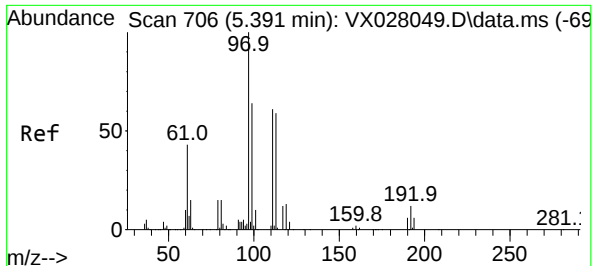
Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.8

88 15.5 0.0 32.4

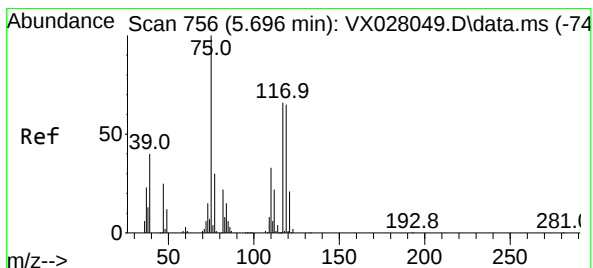
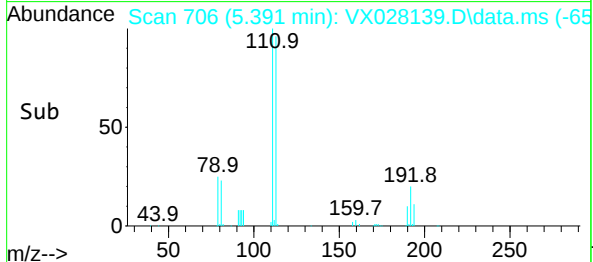
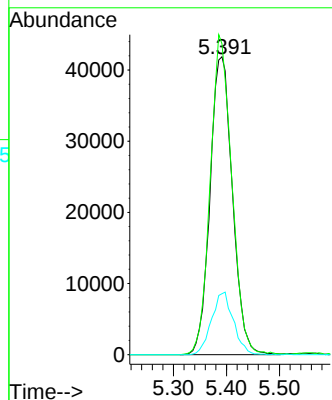
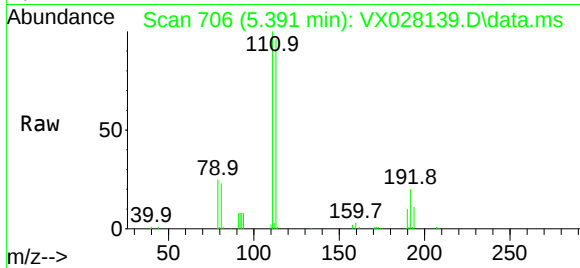




#35
Dibromofluoromethane
Concen: 49.528 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX028139.D
Acq: 15 Apr 2022 17:33

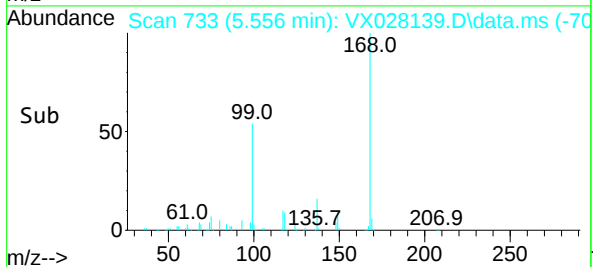
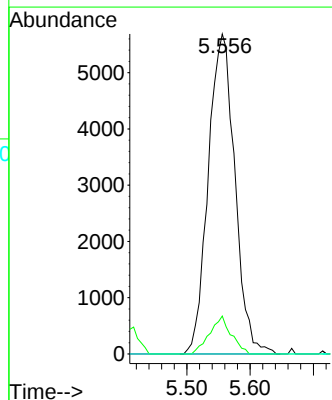
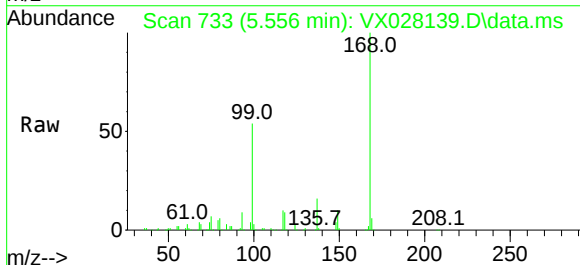
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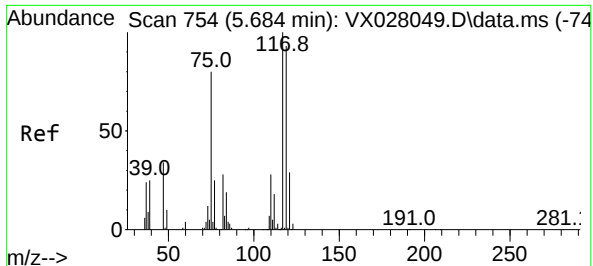
Tgt Ion:113 Resp: 123131
Ion Ratio Lower Upper
113 100
111 103.1 82.8 124.2
192 20.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.378 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX028139.D
Acq: 15 Apr 2022 17:33

Tgt Ion: 75 Resp: 16611
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 24.8 37.2#

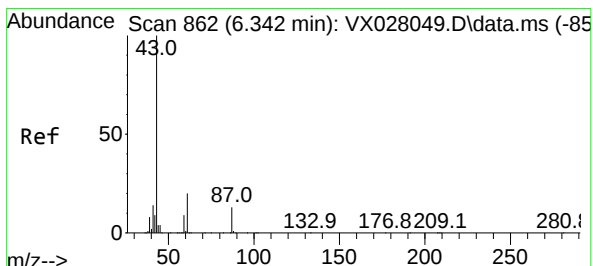
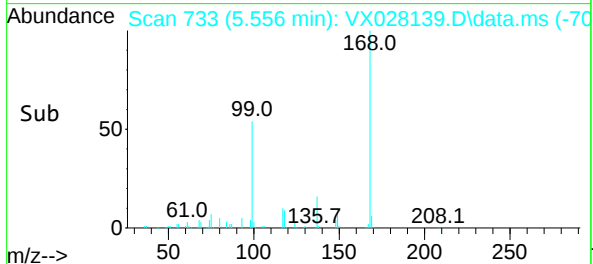
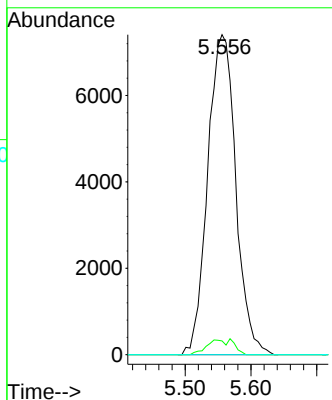
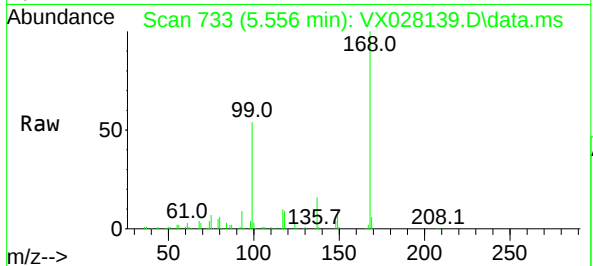




#38
Carbon Tetrachloride
Concen: 5.438 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX028139.D
Acq: 15 Apr 2022 17:33

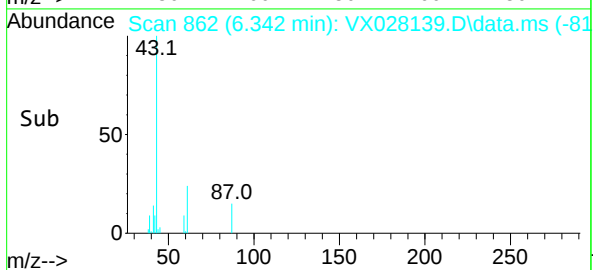
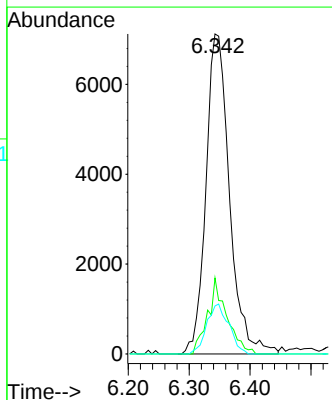
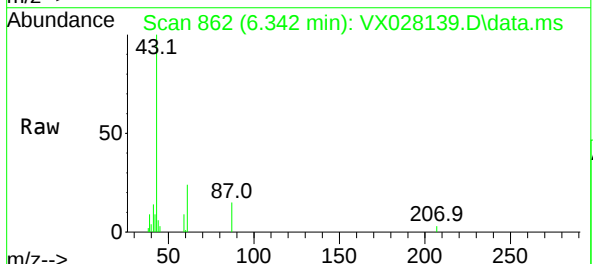
Instrument :
MSVOA_X
ClientSampleId :
CS-2-(DUMPSTER-RIGHT)

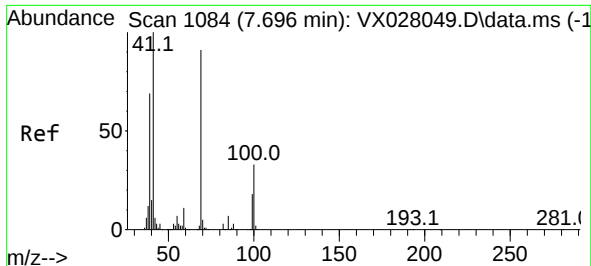
Tgt Ion:117 Resp: 22030
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 2.601 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX028139.D
Acq: 15 Apr 2022 17:33

Tgt Ion: 43 Resp: 19152
Ion Ratio Lower Upper
43 100
61 19.3 18.5 27.7
87 14.7 13.0 19.6





#48

Methyl methacrylate

Concen: 1.777 ug/l

RT: 7.604 min Scan# 1100

Delta R.T. -0.092 min

Lab File: VX028139.D

Acq: 15 Apr 2022 17:33

Instrument :

MSVOA_X

ClientSampleId :

CS-2-(DUMPSTER-RIGHT)

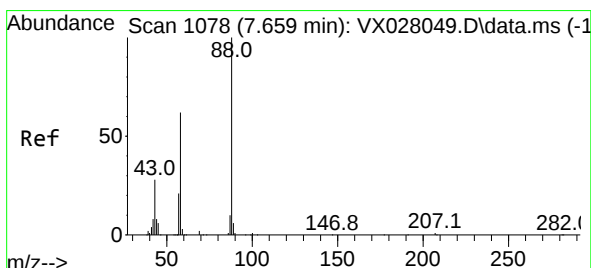
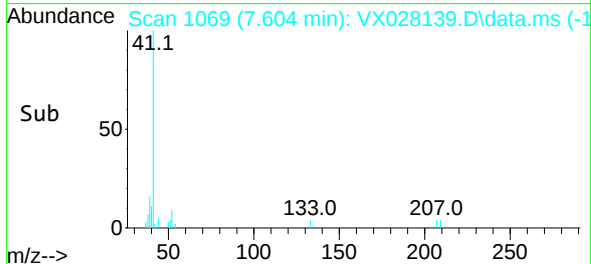
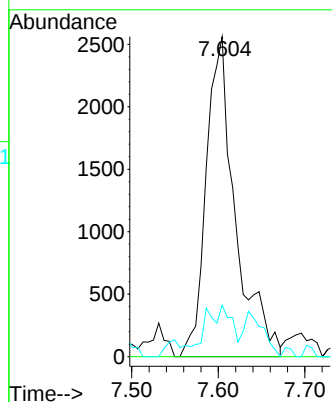
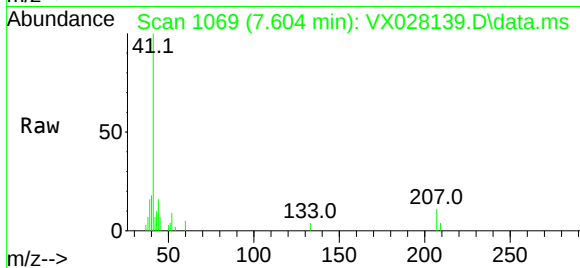
Tgt Ion: 41 Resp: 5973

Ion Ratio Lower Upper

41 100

69 0.0 82.5 123.7#

39 0.0 43.8 65.8#



#49

1,4-Dioxane

Concen: 2.252 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.134 min

Lab File: VX028139.D

Acq: 15 Apr 2022 17:33

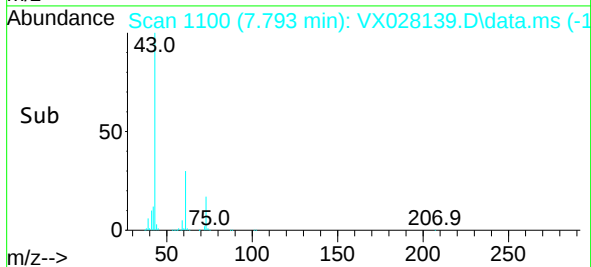
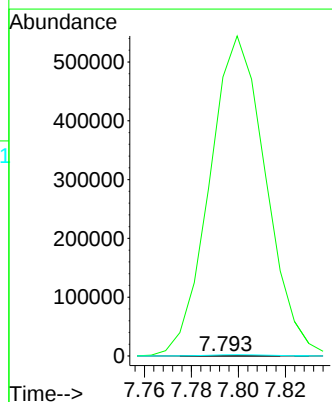
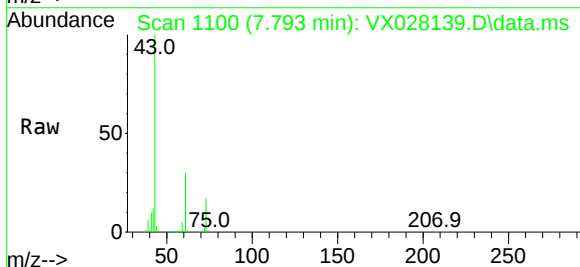
Tgt Ion: 88 Resp: 169

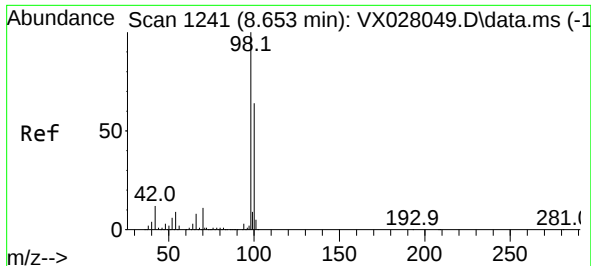
Ion Ratio Lower Upper

88 100

43 541271.6 21.9 32.9#

58 2346.2 53.7 80.5#

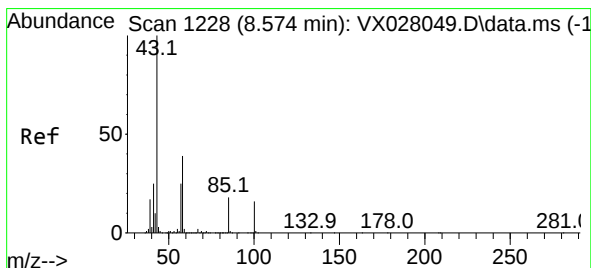
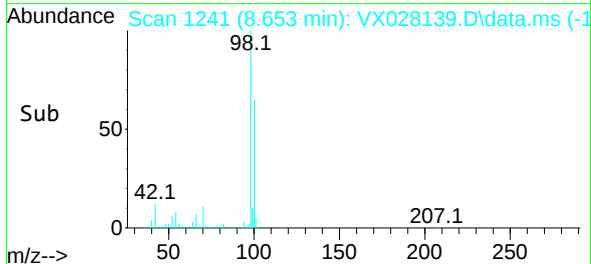
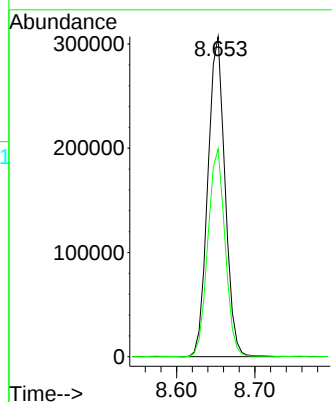
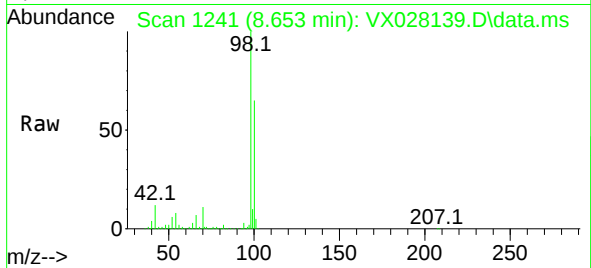




#50
Toluene-d8
Concen: 50.298 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028139.D
Acq: 15 Apr 2022 17:33

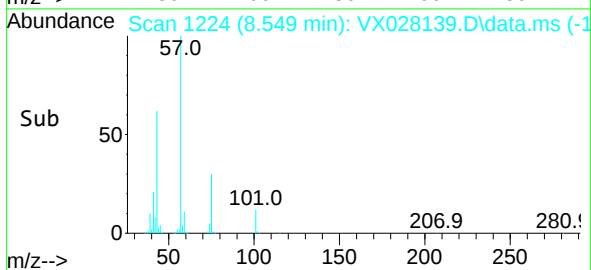
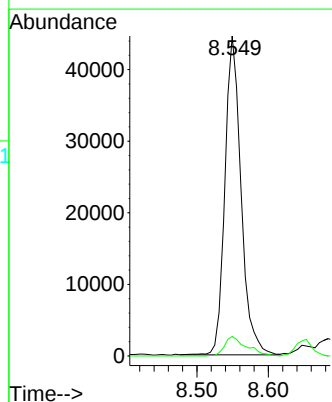
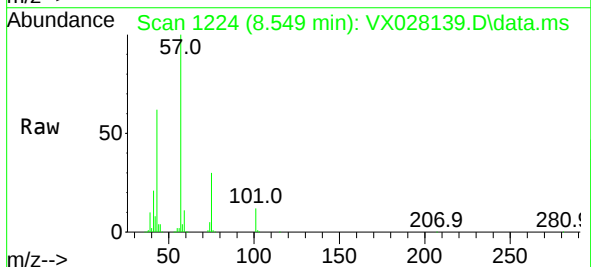
Instrument :
MSVOA_X
ClientSampleId :
CS-2-(DUMPSTER-RIGHT)

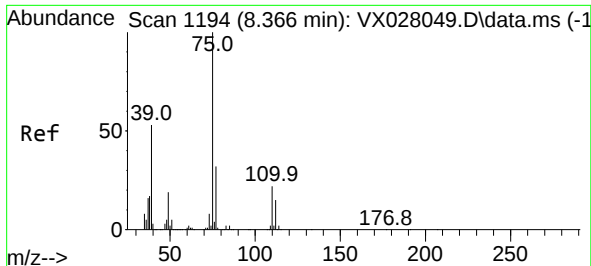
Tgt Ion: 98 Resp: 466369
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 14.896 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.025 min
Lab File: VX028139.D
Acq: 15 Apr 2022 17:33

Tgt Ion: 43 Resp: 69939
Ion Ratio Lower Upper
43 100
58 8.2 36.1 54.1#

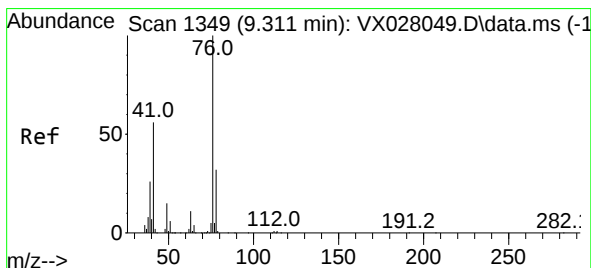
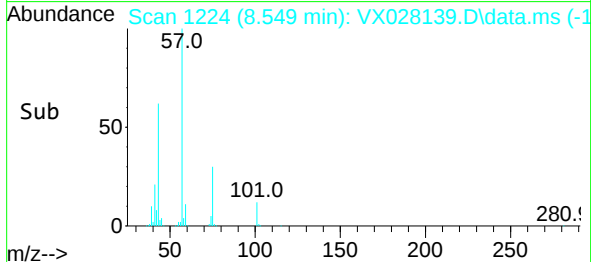
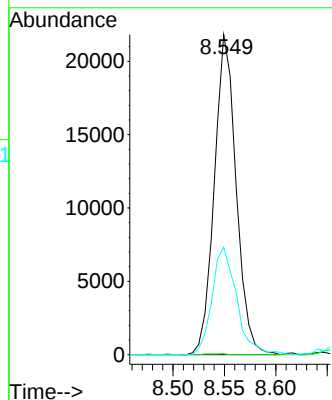
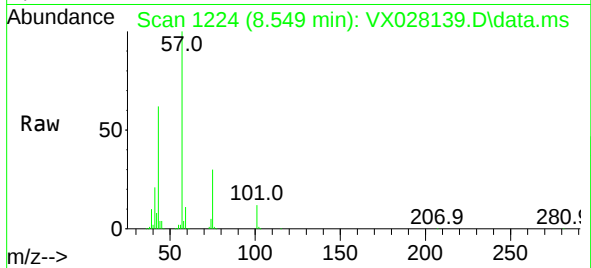




#54
 cis-1,3-Dichloropropene
 Concen: 6.922 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX028139.D
 Acq: 15 Apr 2022 17:33

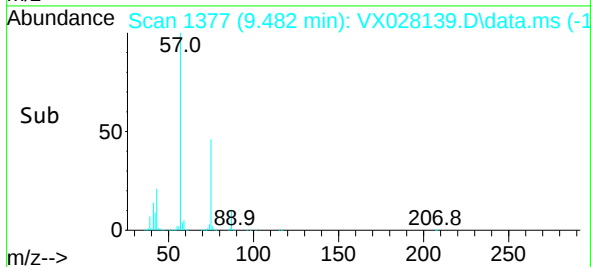
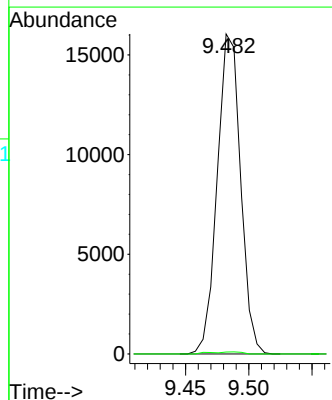
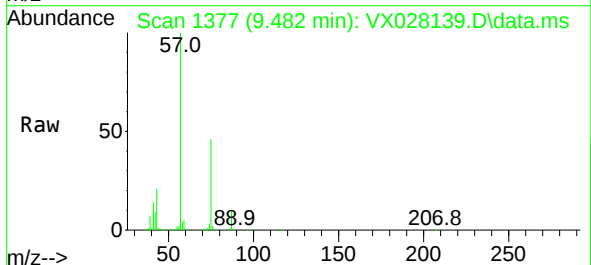
Instrument :
 MSVOA_X
 ClientSampleId :
 CS-2-(DUMPSTER-RIGHT)

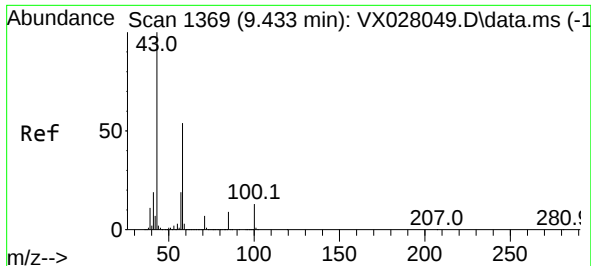
Tgt Ion: 75 Resp: 32148
 Ion Ratio Lower Upper
 75 100
 77 0.3 24.8 37.2#
 39 33.6 29.6 44.4



#57
 1,3-Dichloropropane
 Concen: 4.159 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX028139.D
 Acq: 15 Apr 2022 17:33

Tgt Ion: 76 Resp: 20573
 Ion Ratio Lower Upper
 76 100
 78 0.9 25.8 38.8#

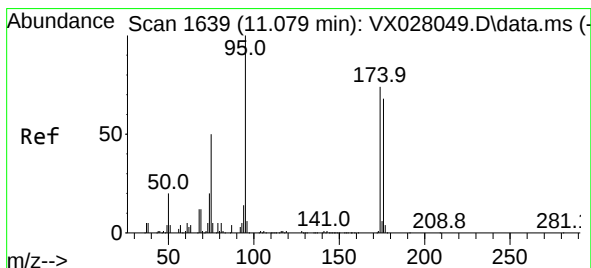
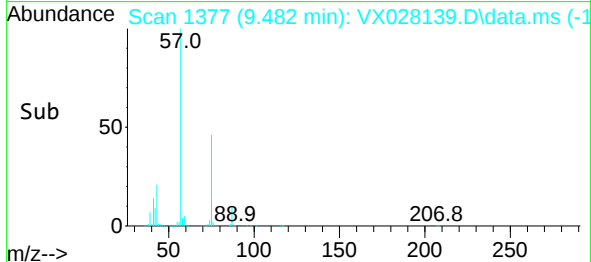
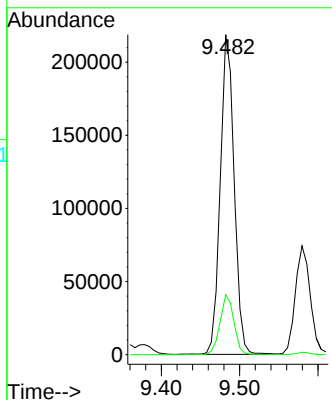
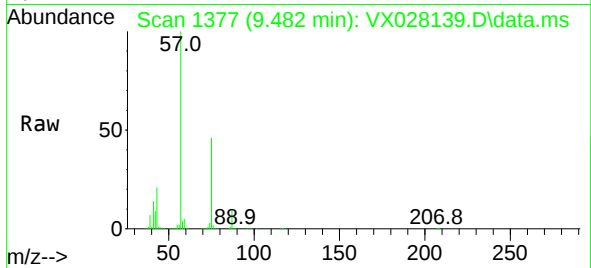




#59
2-Hexanone
Concen: 73.528 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX028139.D
Acq: 15 Apr 2022 17:33

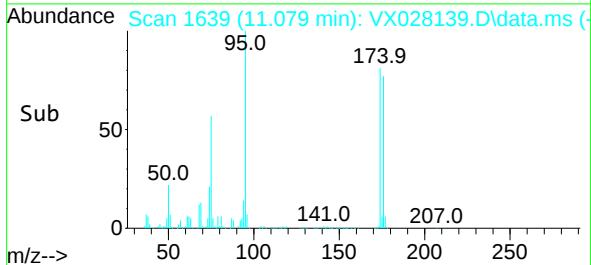
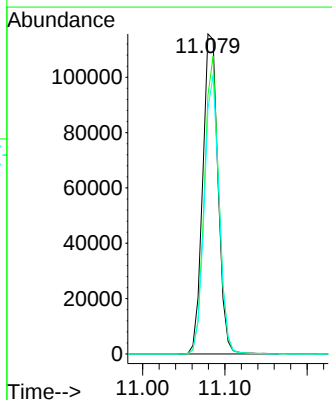
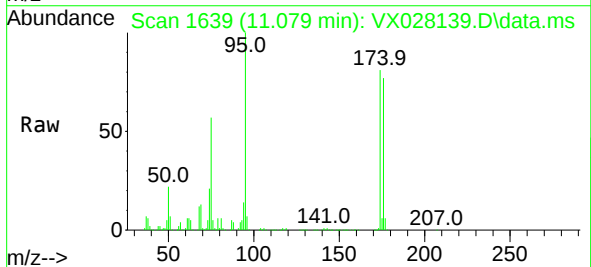
Instrument :
MSVOA_X
ClientSampleId :
CS-2-(DUMPSTER-RIGHT)

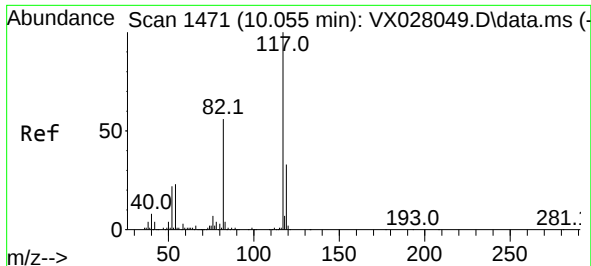
Tgt Ion: 43 Resp: 270371
Ion Ratio Lower Upper
43 100
58 18.9 31.9 95.7#



#62
4-Bromofluorobenzene
Concen: 43.171 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028139.D
Acq: 15 Apr 2022 17:33

Tgt Ion: 95 Resp: 149458
Ion Ratio Lower Upper
95 100
174 88.5 0.0 163.0
176 84.3 0.0 155.0

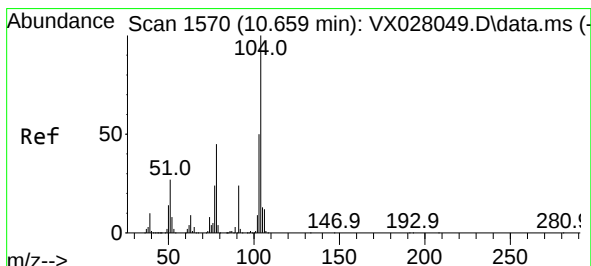
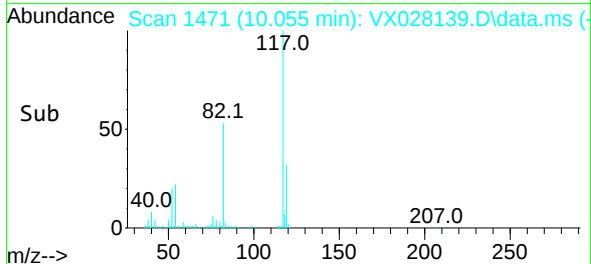
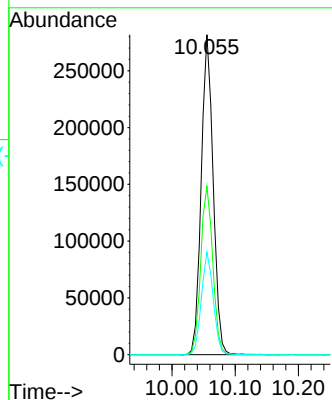
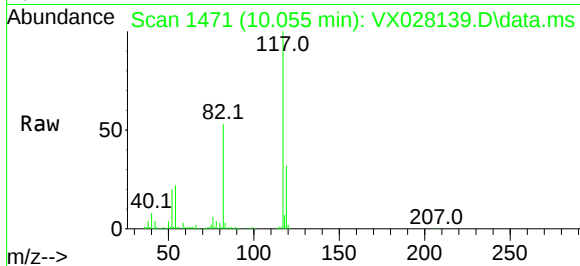




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028139.D
Acq: 15 Apr 2022 17:33

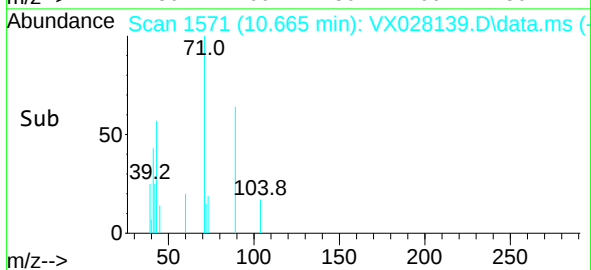
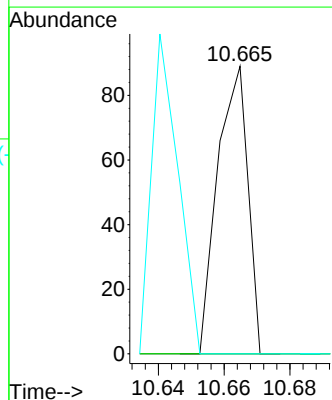
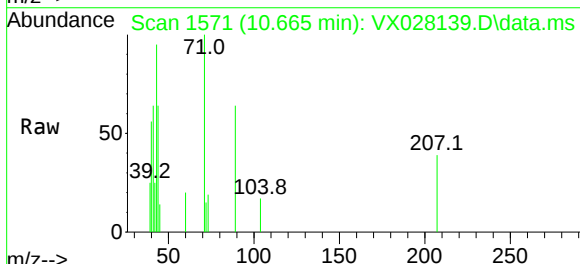
Instrument :
MSVOA_X
ClientSampleId :
CS-2-(DUMPSTER-RIGHT)

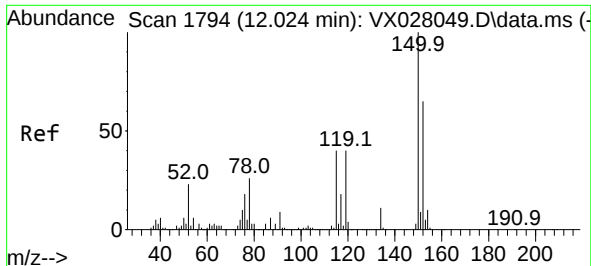
Tgt Ion:117 Resp: 370175
Ion Ratio Lower Upper
117 100
82 52.6 41.8 62.8
119 32.1 24.8 37.2



#70
Styrene
Concen: 4.709 ug/l
RT: 10.665 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VX028139.D
Acq: 15 Apr 2022 17:33

Tgt Ion:104 Resp: 57
Ion Ratio Lower Upper
104 100
78 0.0 38.6 57.8#
103 0.0 43.8 65.8#

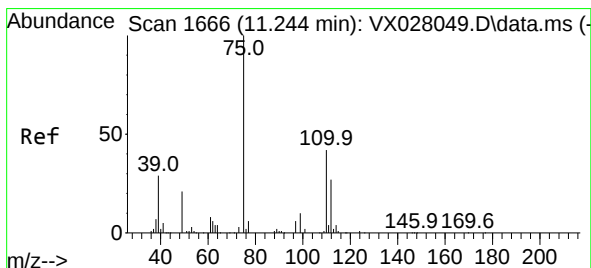
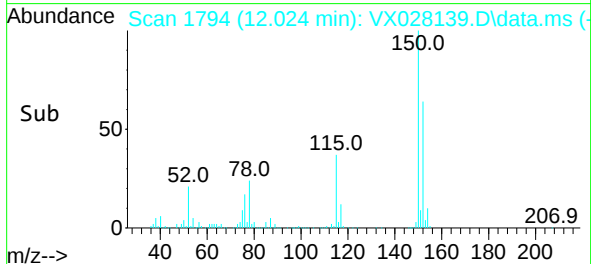
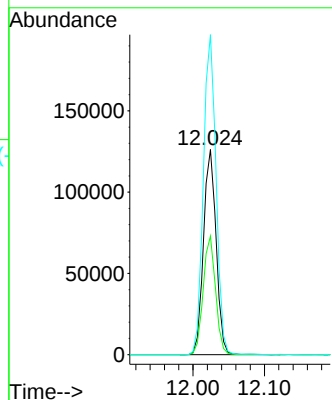
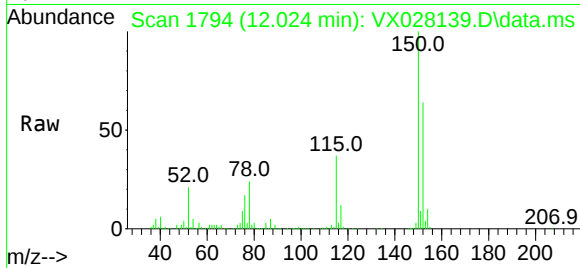




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028139.D
 Acq: 15 Apr 2022 17:33

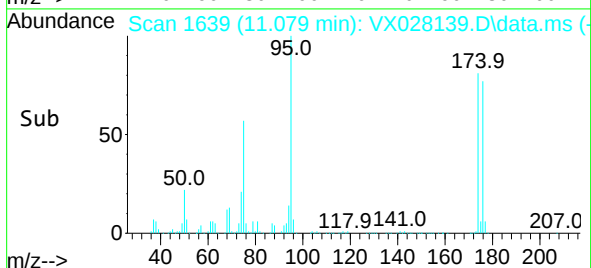
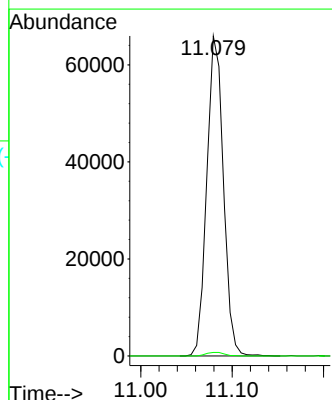
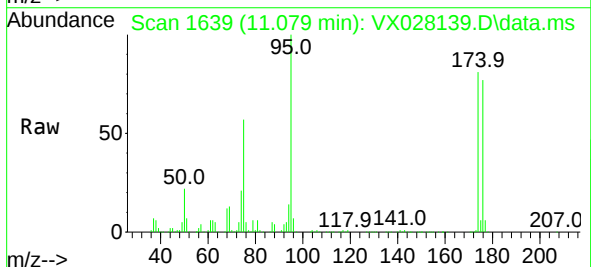
Instrument :
 MSVOA_X
 ClientSampleId :
 CS-2-(DUMPSTER-RIGHT)

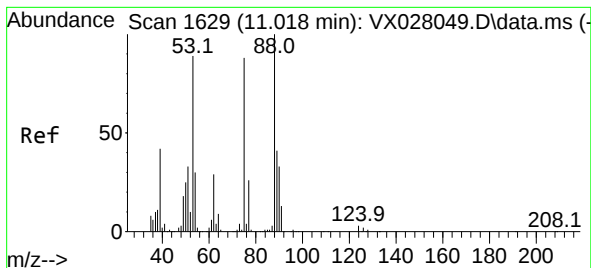
Tgt Ion:152 Resp: 154953
 Ion Ratio Lower Upper
 152 100
 115 56.5 37.5 112.7
 150 156.6 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 24.025 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX028139.D
 Acq: 15 Apr 2022 17:33

Tgt Ion: 75 Resp: 82879
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.667 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028139.D
 Acq: 15 Apr 2022 17:33

Instrument :
 MSVOA_X
 ClientSampleId :
 CS-2-(DUMPSTER-RIGHT)

Tgt Ion: 75 Resp: 82879
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

