

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041522\
 Data File : VX028145.D
 Acq On : 15 Apr 2022 19:52
 Operator : JC/MD
 Sample : N2394-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CS-8

Quant Time: Apr 16 02:28:39 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)

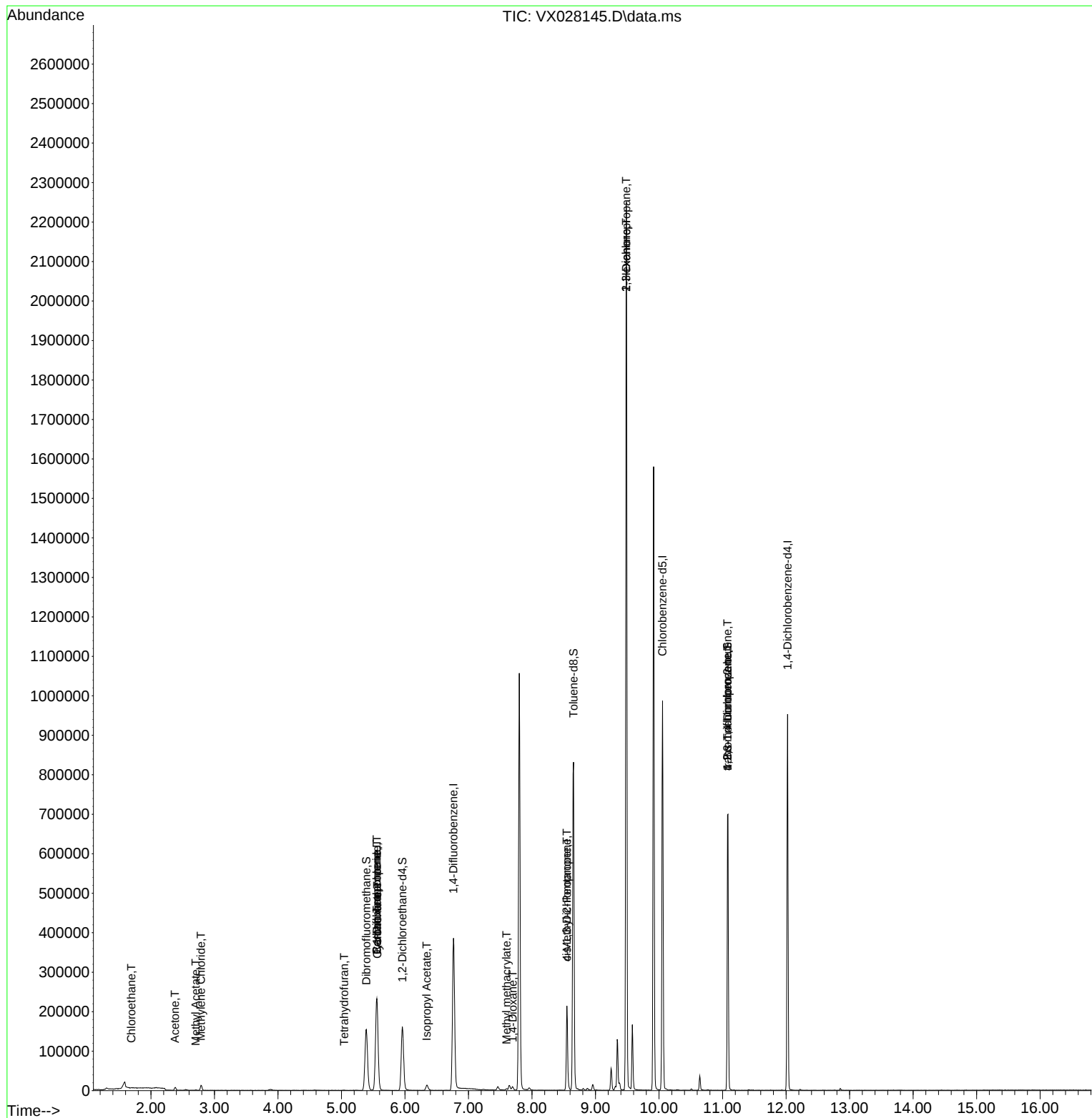
Internal Standards						
1) Pentafluorobenzene	5.556	168	226764	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	391829	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	416272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	181184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	147037	47.794	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.580%
35) Dibromofluoromethane	5.391	113	129555	50.459	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.920%
50) Toluene-d8	8.653	98	490010	51.172	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.340%
62) 4-Bromofluorobenzene	11.079	95	168737	47.194	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.380%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	636	Below Cal	#	62
6) Chloroethane	1.691	64	298	2.719	ug/l #	43
13) Acrolein	2.233	56	28	Below Cal		99
16) Acetone	2.379	43	8506	6.636	ug/l	89
18) Methyl Acetate	2.703	43	1422	0.416	ug/l #	82
20) Methylene Chloride	2.788	84	5659	2.217	ug/l	94
29) Tetrahydrofuran	5.044	42	303	0.209	ug/l #	54
31) Cyclohexane	5.562	56	5308	1.255	ug/l #	30
36) 1,1-Dichloropropene	5.556	75	17938	4.578	ug/l #	50
38) Carbon Tetrachloride	5.556	117	22386	5.351	ug/l #	15
43) Isopropyl Acetate	6.342	43	18651	2.452	ug/l	94
48) Methyl methacrylate	7.598	41	5540	1.596	ug/l #	7
49) 1,4-Dioxane	7.696	88	41	0.529	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	70463	14.532	ug/l #	44
54) cis-1,3-Dichloropropene	8.549	75	32282	6.730	ug/l #	72
57) 1,3-Dichloropropane	9.482	76	19923	3.900	ug/l #	43
59) 2-Hexanone	9.482	43	251681	66.274	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	94954	23.541	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	94954	66.302	ug/l #	15

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041522\
Data File : VX028145.D
Acq On : 15 Apr 2022 19:52
Operator : JC/MD
Sample : N2394-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CS-8

Quant Time: Apr 16 02:28:39 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

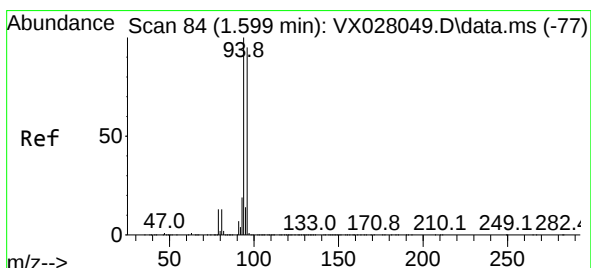
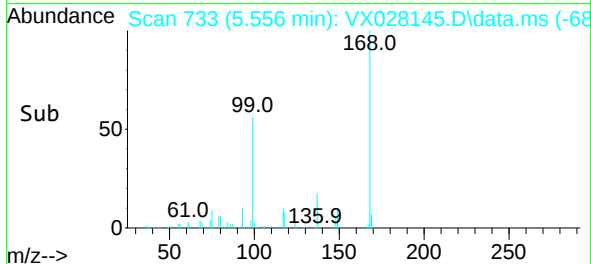
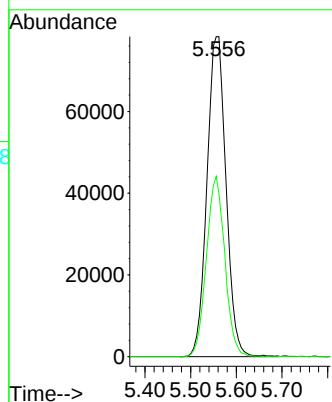
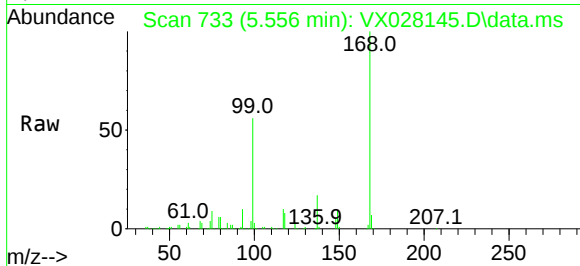




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028145.D
Acq: 15 Apr 2022 19:52

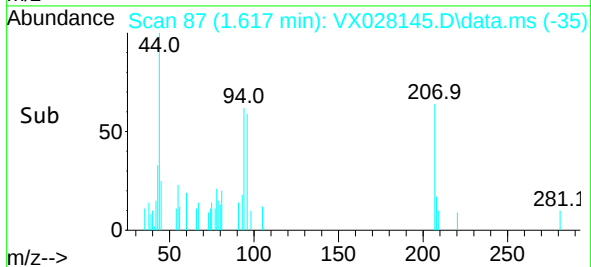
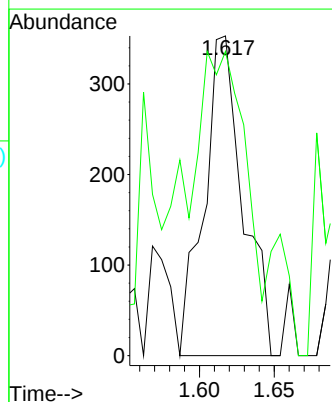
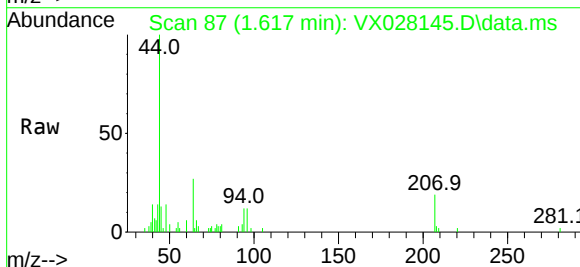
Instrument :
MSVOA_X
ClientSampleId :
CS-8

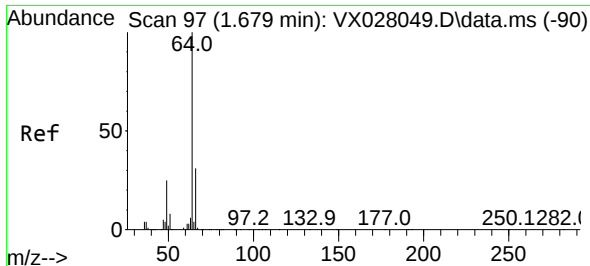
Tgt Ion:168 Resp: 226764
Ion Ratio Lower Upper
168 100
99 56.4 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX028145.D
Acq: 15 Apr 2022 19:52

Tgt Ion: 94 Resp: 636
Ion Ratio Lower Upper
94 100
96 57.2 75.3 112.9#

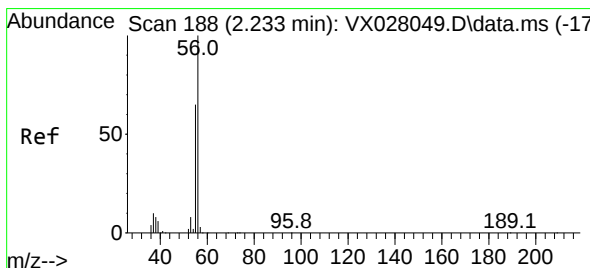
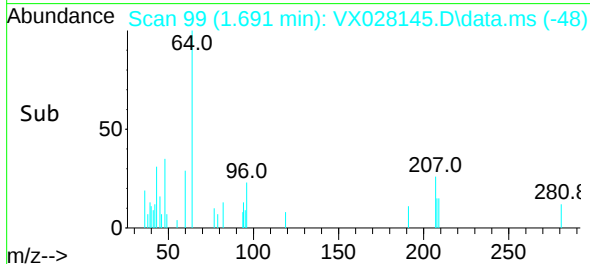
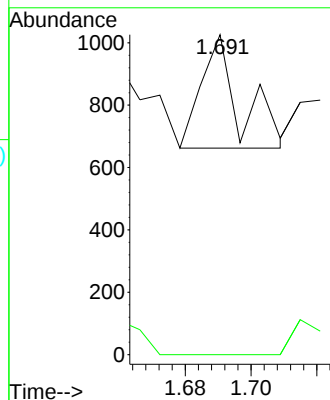
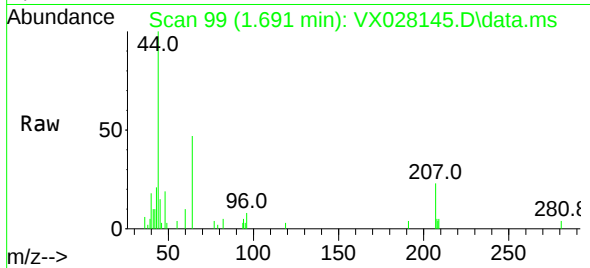




#6
Chloroethane
Concen: 2.719 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX028145.D
Acq: 15 Apr 2022 19:52

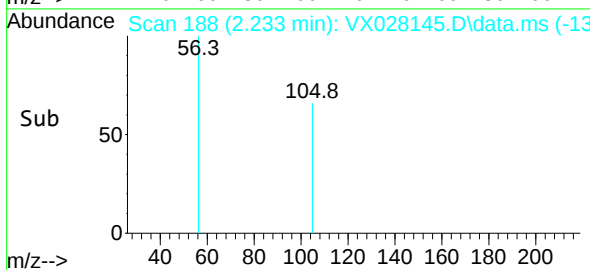
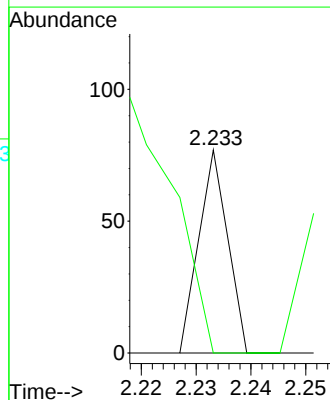
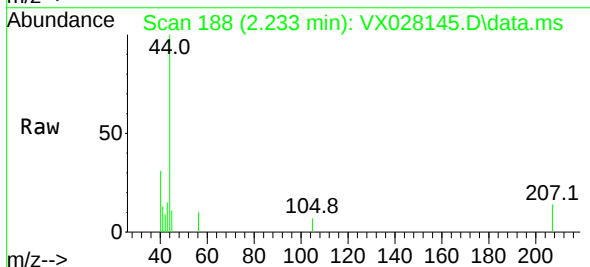
Instrument :
MSVOA_X
ClientSampleId :
CS-8

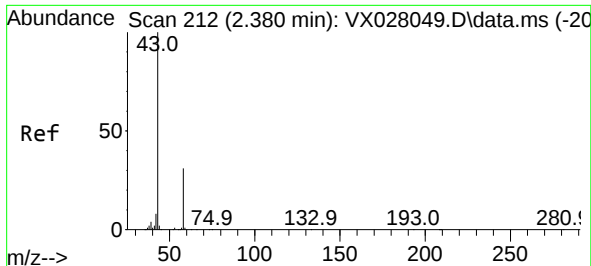
Tgt Ion: 64 Resp: 298
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#13
Acrolein
Concen: Below Cal
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX028145.D
Acq: 15 Apr 2022 19:52

Tgt Ion: 56 Resp: 28
Ion Ratio Lower Upper
56 100
55 67.9 55.0 82.6

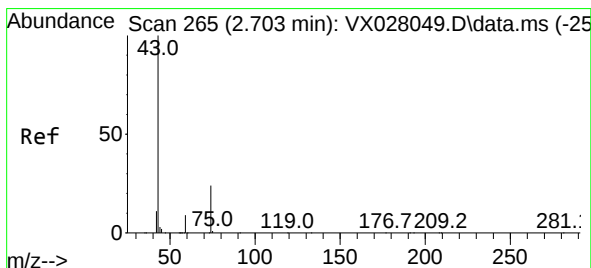
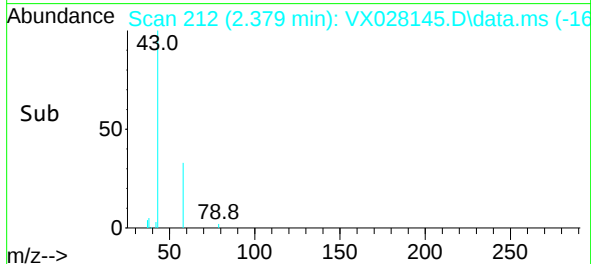
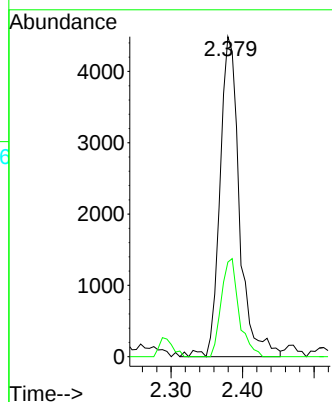
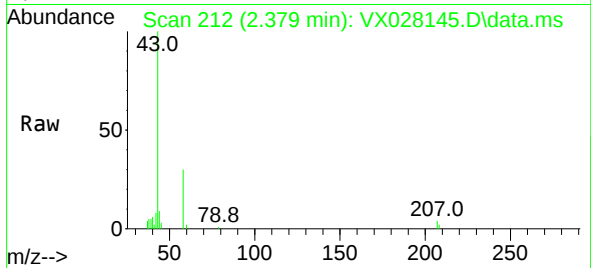




#16
Acetone
Concen: 6.636 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX028145.D
Acq: 15 Apr 2022 19:52

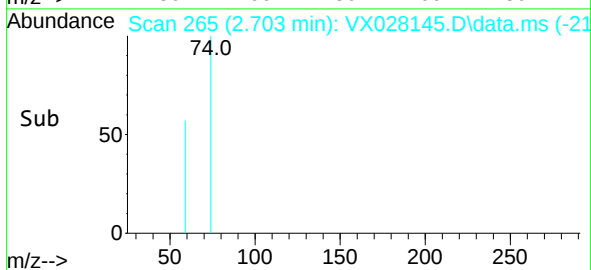
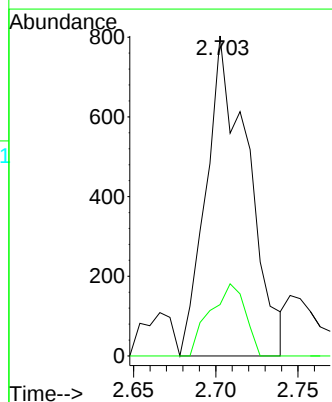
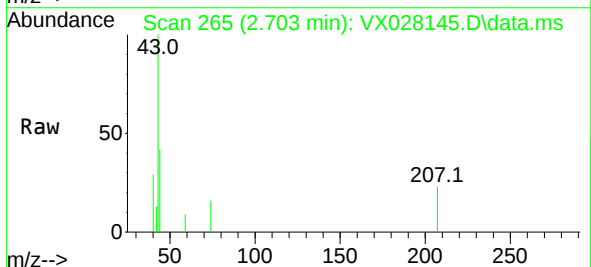
Instrument :
MSVOA_X
ClientSampleId :
CS-8

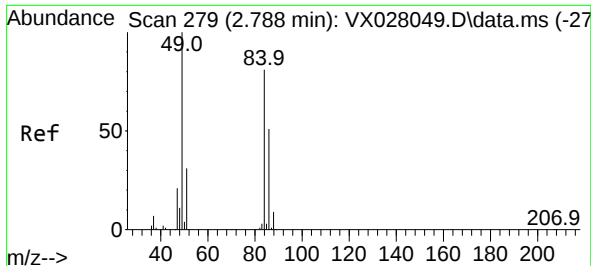
Tgt Ion: 43 Resp: 8506
Ion Ratio Lower Upper
43 100
58 29.5 28.8 43.2



#18
Methyl Acetate
Concen: 0.416 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX028145.D
Acq: 15 Apr 2022 19:52

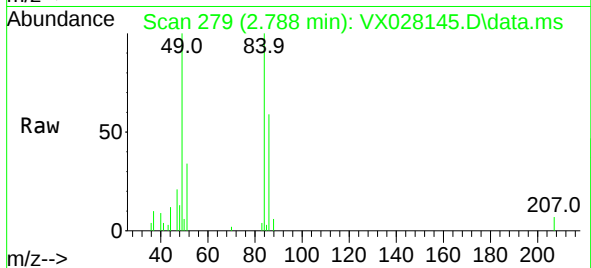
Tgt Ion: 43 Resp: 1422
Ion Ratio Lower Upper
43 100
74 19.0 22.8 34.2#



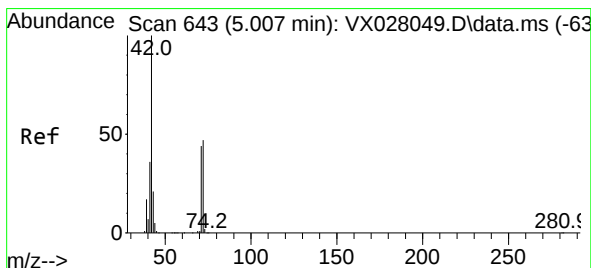
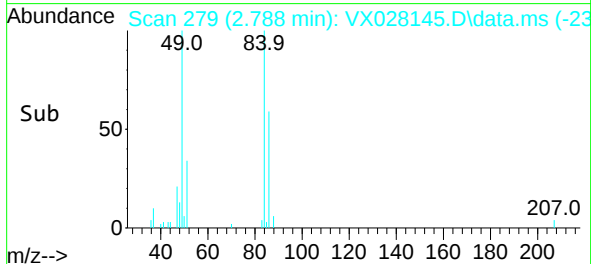
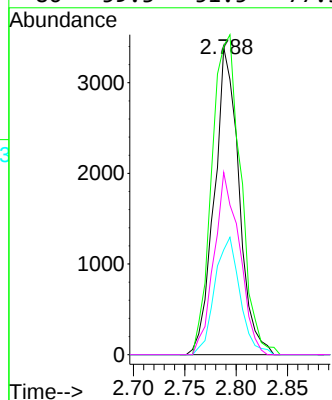


#20
Methylene Chloride
Concen: 2.217 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX028145.D
Acq: 15 Apr 2022 19:52

Instrument :
MSVOA_X
ClientSampleId :
CS-8

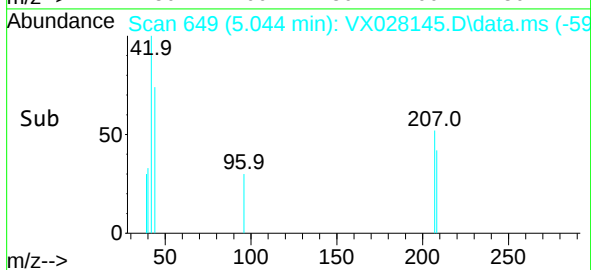
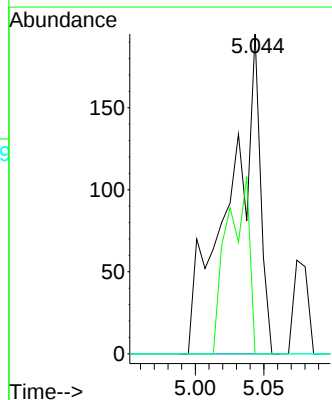
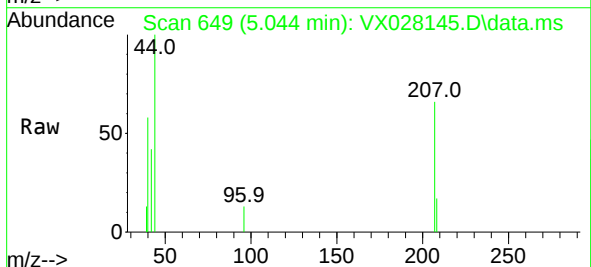


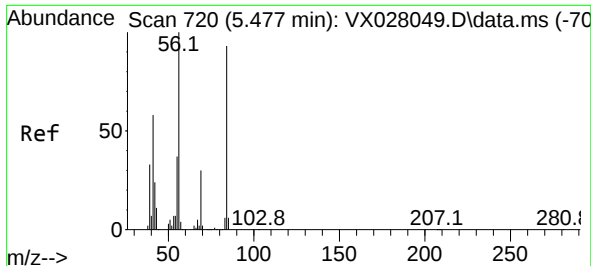
Tgt Ion: 84	Resp: 5659
Ion Ratio	Lower Upper
84 100	
49 100.3	85.5 128.3
51 34.1	26.6 39.8
86 59.3	51.5 77.3



#29
Tetrahydrofuran
Concen: 0.209 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.037 min
Lab File: VX028145.D
Acq: 15 Apr 2022 19:52

Tgt Ion: 42	Resp: 303
Ion Ratio	Lower Upper
42 100	
72 39.9	44.1 66.1#
71 0.0	40.5 60.7#

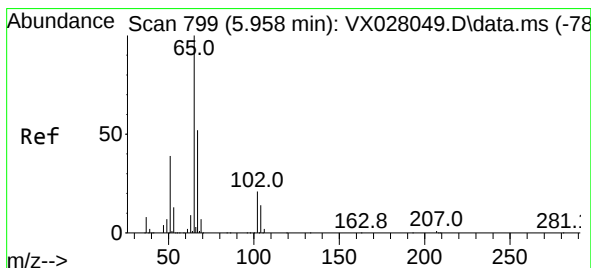
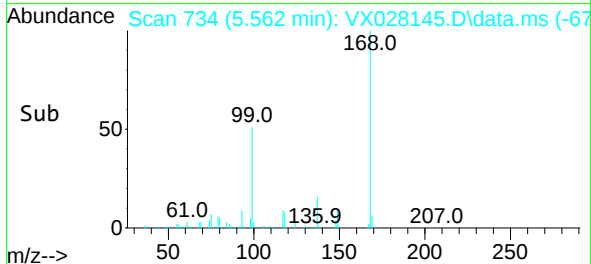
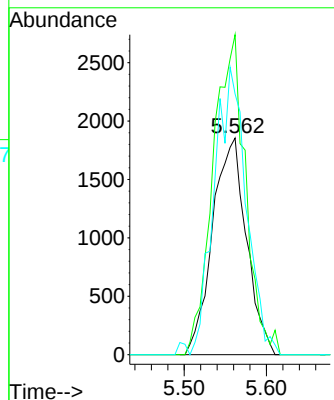
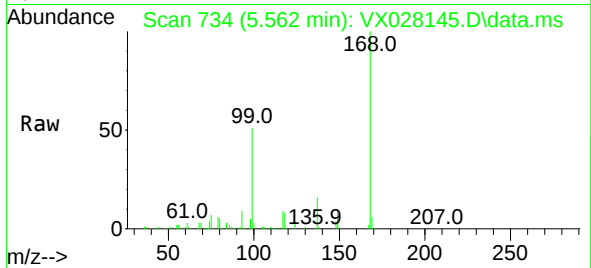




#31
Cyclohexane
Concen: 1.255 ug/l
RT: 5.562 min Scan# 714
Delta R.T. 0.085 min
Lab File: VX028145.D
Acq: 15 Apr 2022 19:52

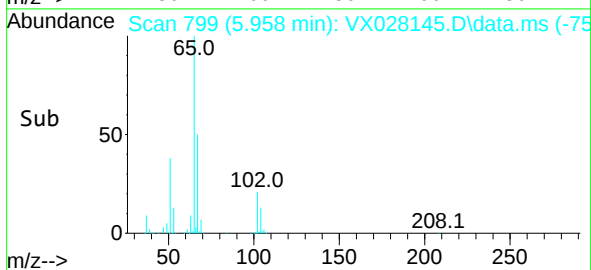
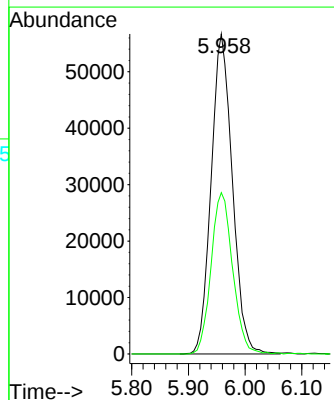
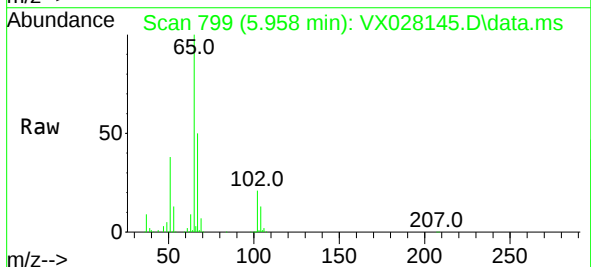
Instrument :
MSVOA_X
ClientSampleId :
CS-8

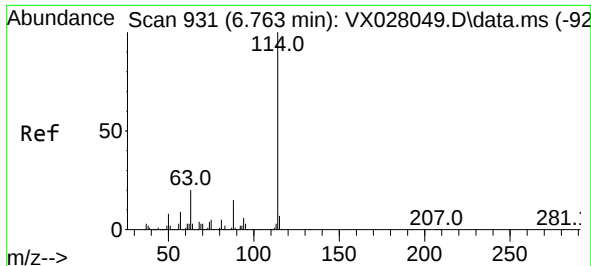
Tgt Ion: 56 Resp: 5308
Ion Ratio Lower Upper
56 100
69 147.7 26.7 40.1#
84 120.4 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 47.794 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028145.D
Acq: 15 Apr 2022 19:52

Tgt Ion: 65 Resp: 147037
Ion Ratio Lower Upper
65 100
67 51.2 0.0 107.4

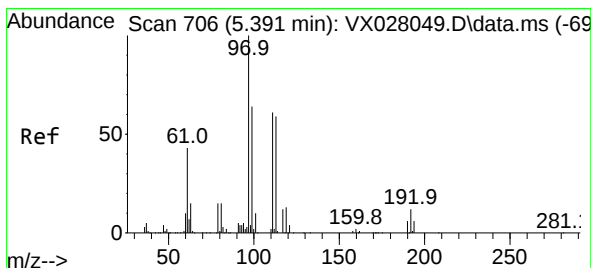
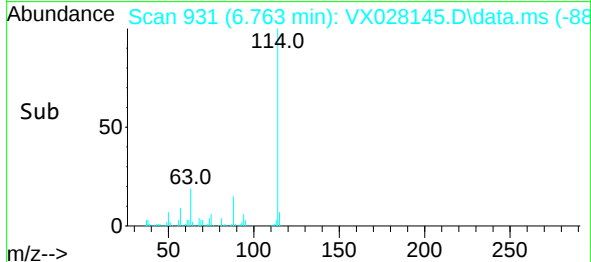
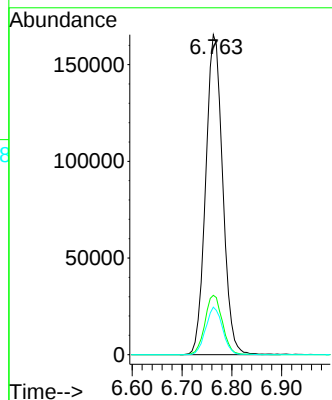
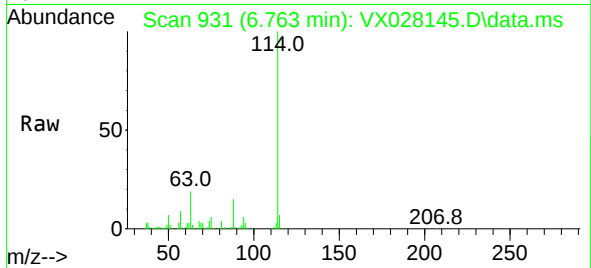




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028145.D
Acq: 15 Apr 2022 19:52

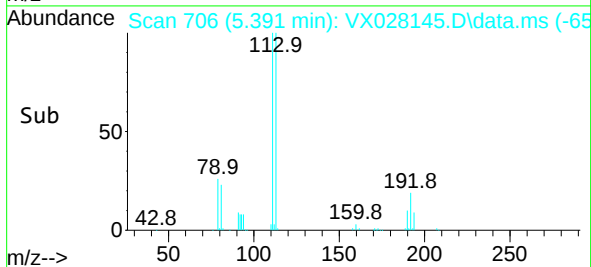
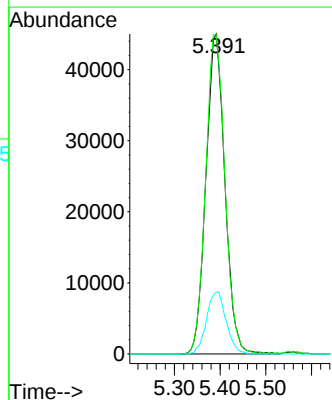
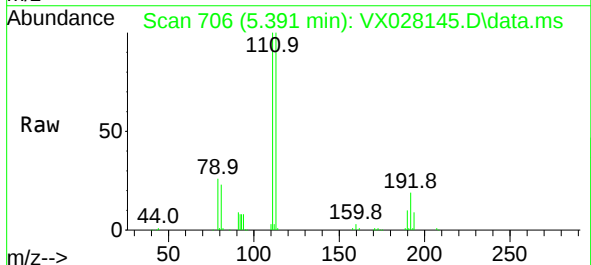
Instrument :
MSVOA_X
ClientSampleId :
CS-8

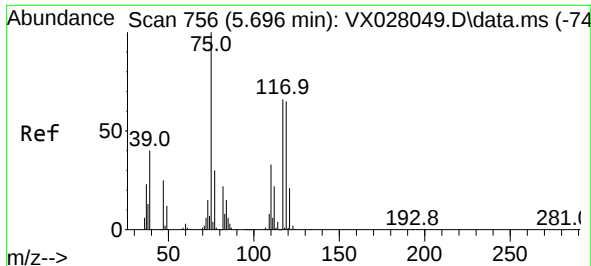
Tgt Ion:114 Resp: 391829
Ion Ratio Lower Upper
114 100
63 18.5 0.0 36.8
88 14.9 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.459 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX028145.D
Acq: 15 Apr 2022 19:52

Tgt Ion:113 Resp: 129555
Ion Ratio Lower Upper
113 100
111 101.8 82.8 124.2
192 20.0 16.9 25.3

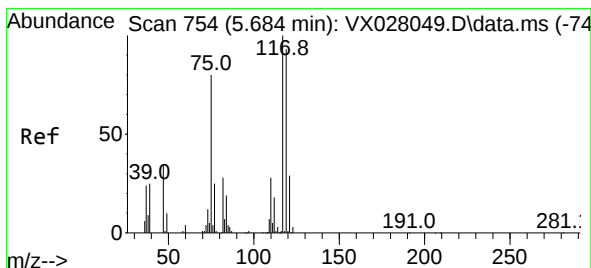
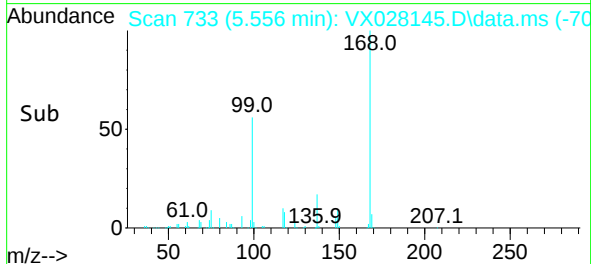
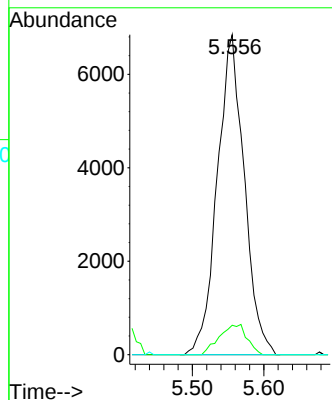
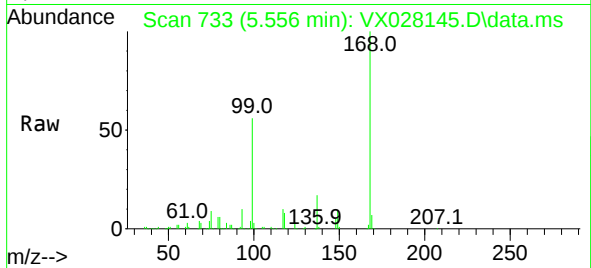




#36
1,1-Dichloropropene
Concen: 4.578 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX028145.D
Acq: 15 Apr 2022 19:52

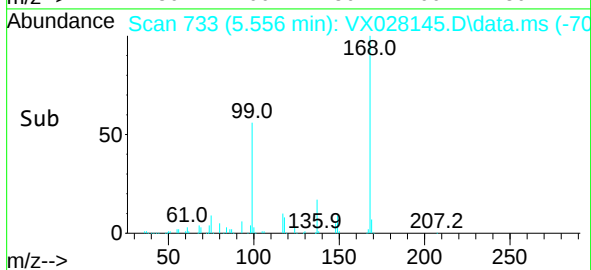
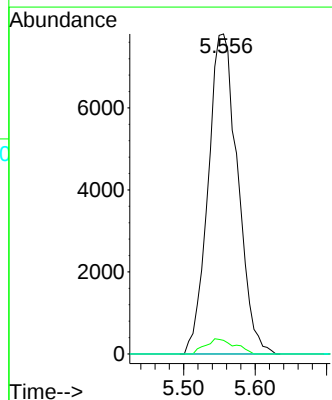
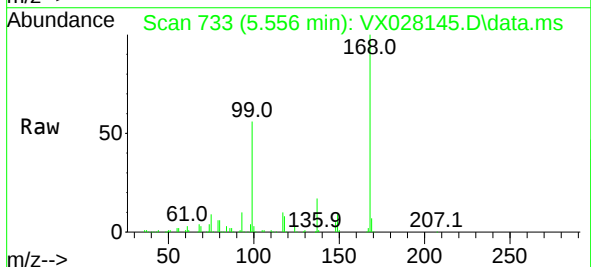
Instrument :
MSVOA_X
ClientSampleId :
CS-8

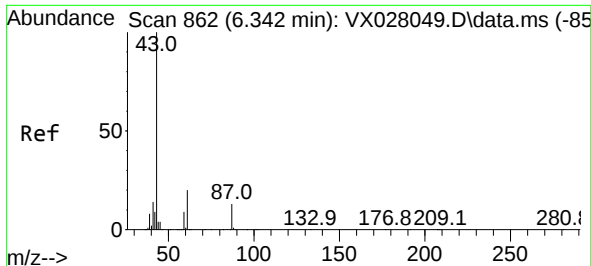
Tgt Ion: 75 Resp: 17938
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.351 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX028145.D
Acq: 15 Apr 2022 19:52

Tgt Ion: 117 Resp: 22386
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 24.2 36.2#

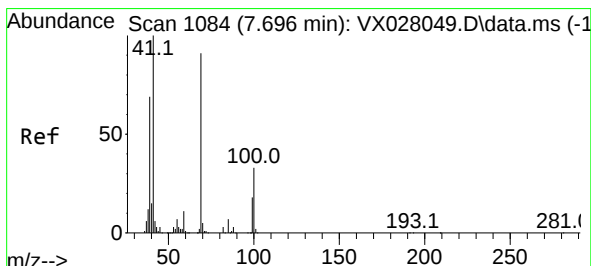
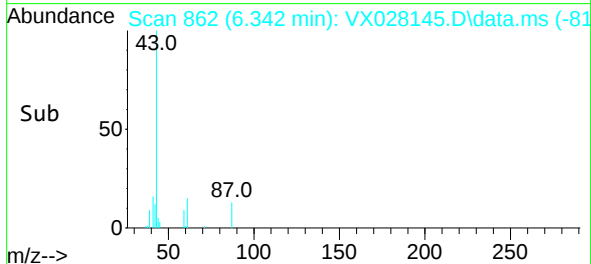
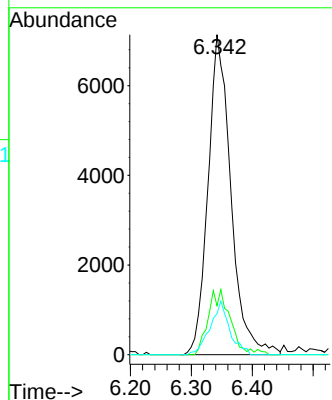
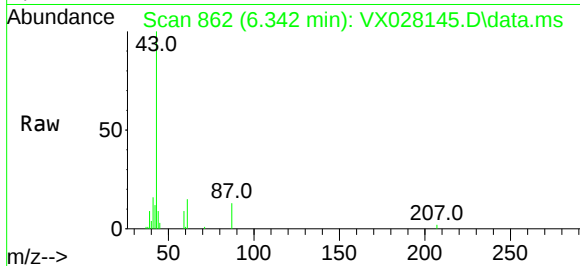




#43
Isopropyl Acetate
Concen: 2.452 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX028145.D
Acq: 15 Apr 2022 19:52

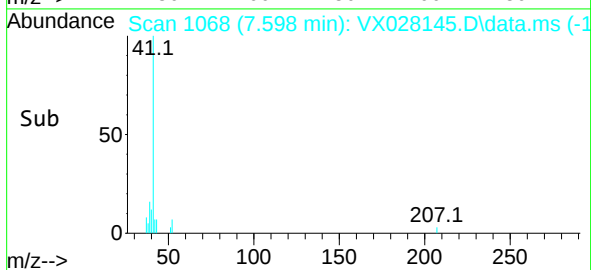
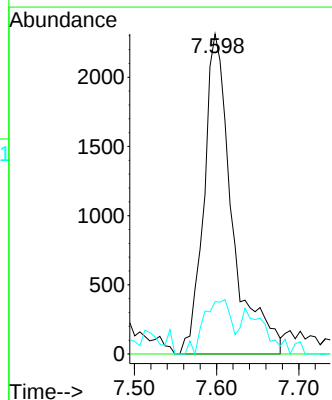
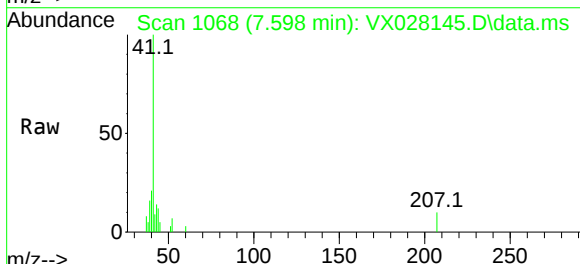
Instrument :
MSVOA_X
ClientSampleId :
CS-8

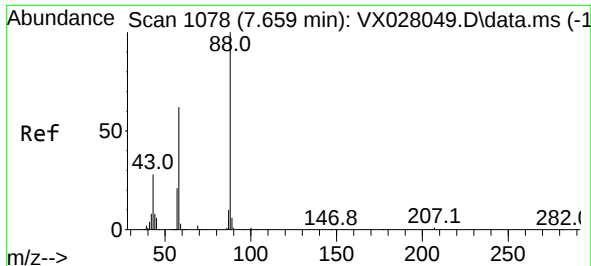
Tgt Ion: 43 Resp: 18651
Ion Ratio Lower Upper
43 100
61 19.8 18.5 27.7
87 14.2 13.0 19.6



#48
Methyl methacrylate
Concen: 1.596 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX028145.D
Acq: 15 Apr 2022 19:52

Tgt Ion: 41 Resp: 5540
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: 0.529 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.037 min

Lab File: VX028145.D

Acq: 15 Apr 2022 19:52

Instrument :

MSVOA_X

ClientSampleId :

CS-8

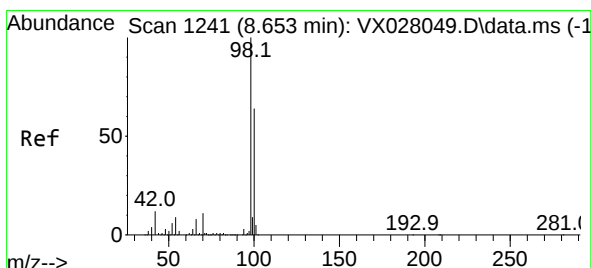
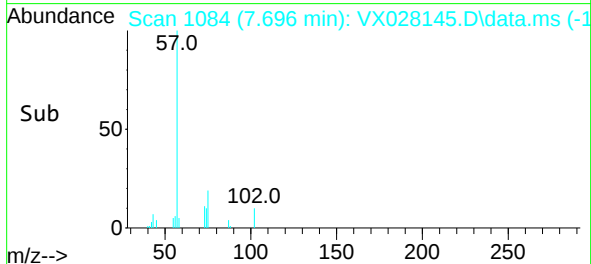
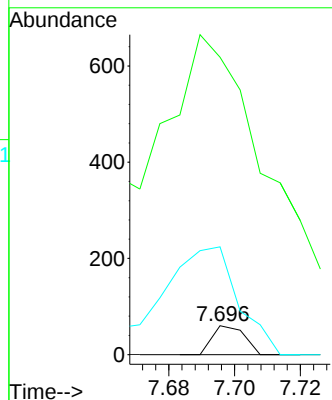
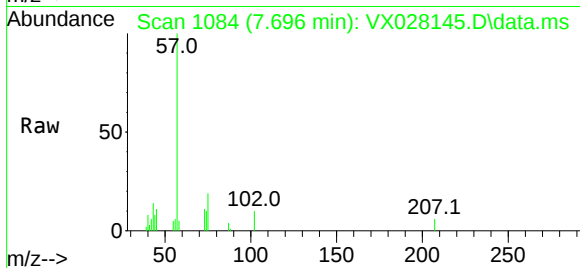
Tgt Ion: 88 Resp: 41

Ion Ratio Lower Upper

88 100

43 0.0 21.9 32.9#

58 851.2 53.7 80.5#



#50

Toluene-d8

Concen: 51.172 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX028145.D

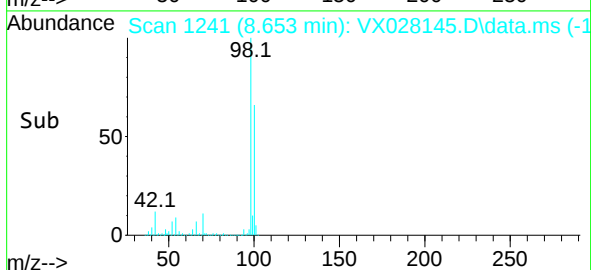
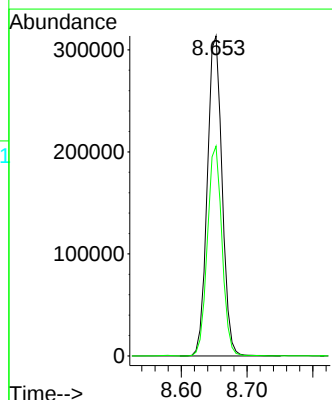
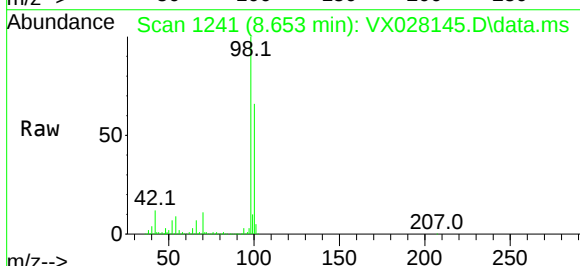
Acq: 15 Apr 2022 19:52

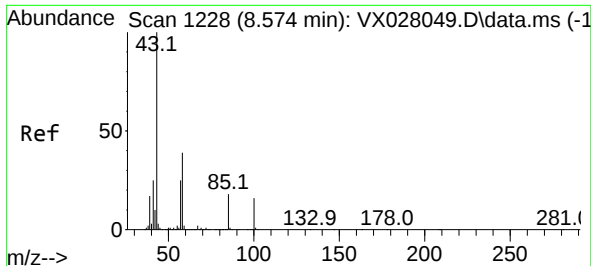
Tgt Ion: 98 Resp: 490010

Ion Ratio Lower Upper

98 100

100 65.0 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 14.532 ug/l

RT: 8.549 min Scan# 11

Delta R.T. -0.025 min

Lab File: VX028145.D

Acq: 15 Apr 2022 19:52

Instrument :

MSVOA_X

ClientSampleId :

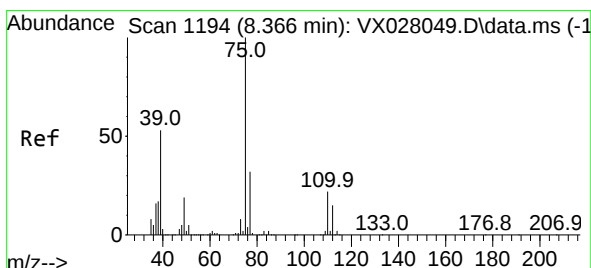
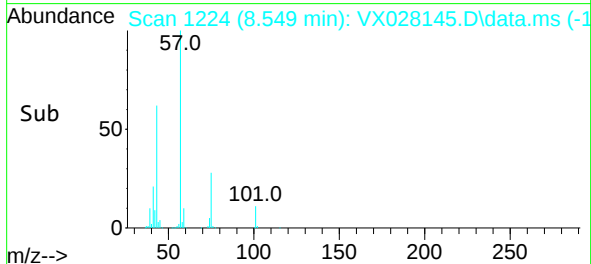
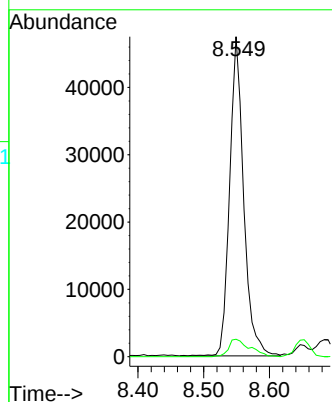
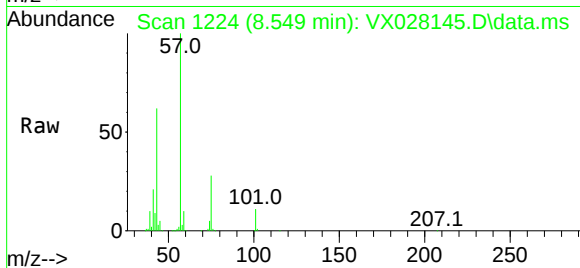
CS-8

Tgt Ion: 43 Resp: 70463

Ion Ratio Lower Upper

43 100

58 8.3 36.1 54.1#



#54

cis-1,3-Dichloropropene

Concen: 6.730 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX028145.D

Acq: 15 Apr 2022 19:52

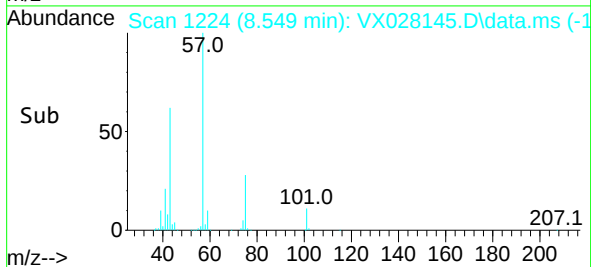
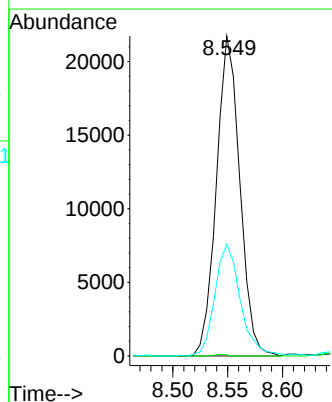
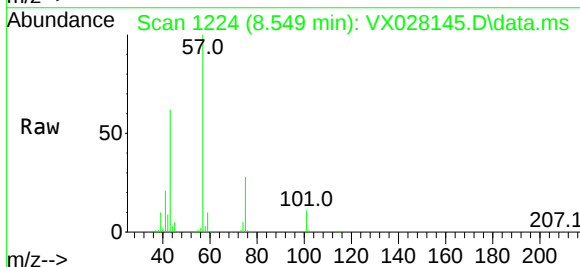
Tgt Ion: 75 Resp: 32282

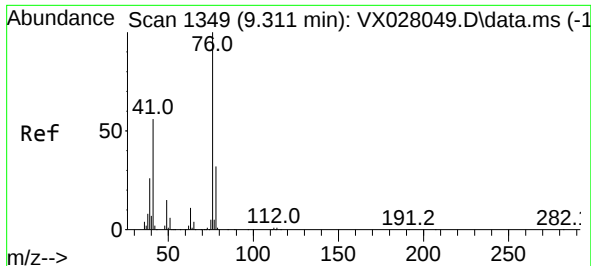
Ion Ratio Lower Upper

75 100

77 0.4 24.8 37.2#

39 34.6 29.6 44.4





#57

1,3-Dichloropropane

Concen: 3.900 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX028145.D

Acq: 15 Apr 2022 19:52

Instrument :

MSVOA_X

ClientSampleId :

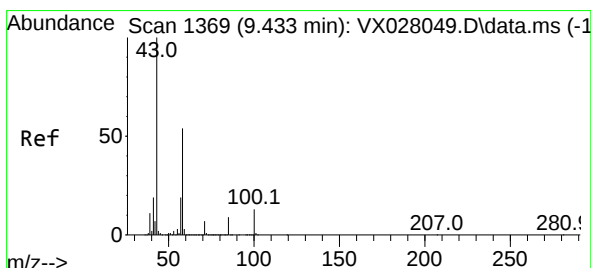
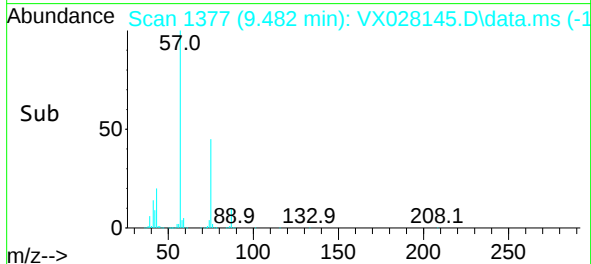
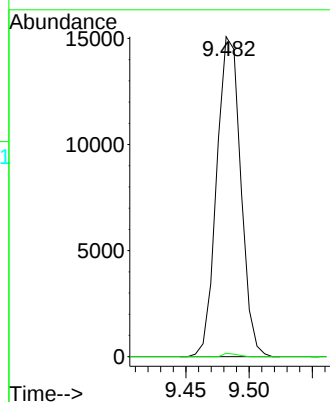
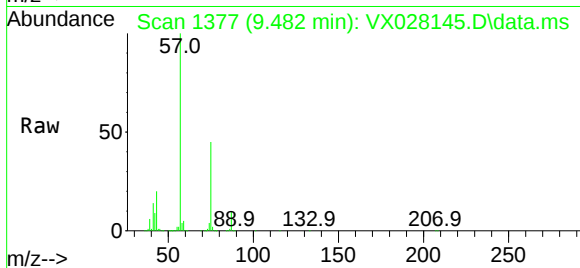
CS-8

Tgt Ion: 76 Resp: 19923

Ion Ratio Lower Upper

76 100

78 0.6 25.8 38.8#



#59

2-Hexanone

Concen: 66.274 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX028145.D

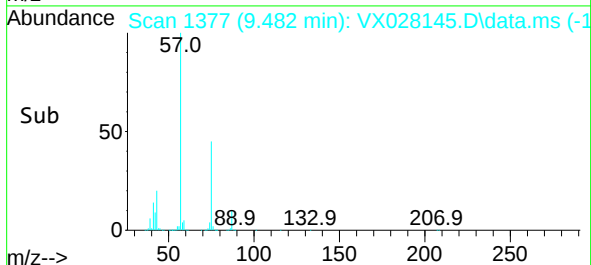
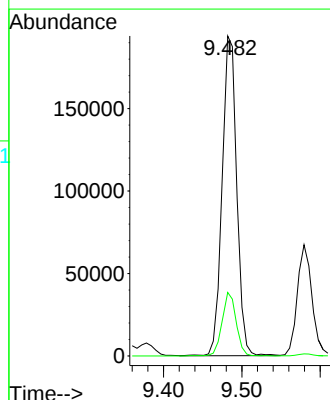
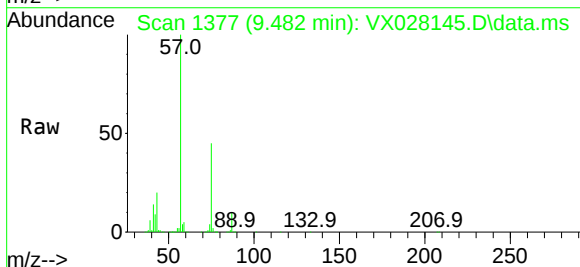
Acq: 15 Apr 2022 19:52

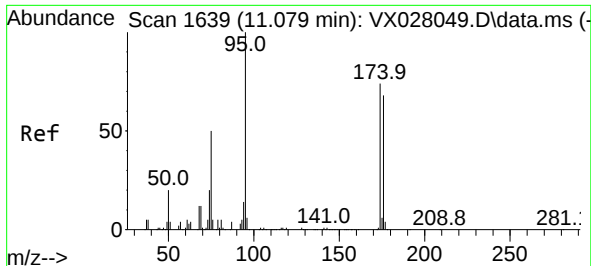
Tgt Ion: 43 Resp: 251681

Ion Ratio Lower Upper

43 100

58 19.3 31.9 95.7#

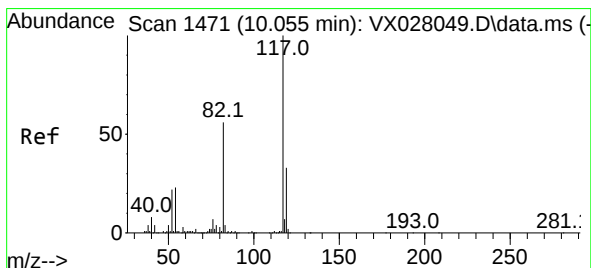
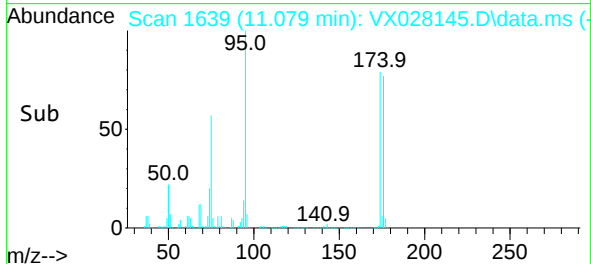
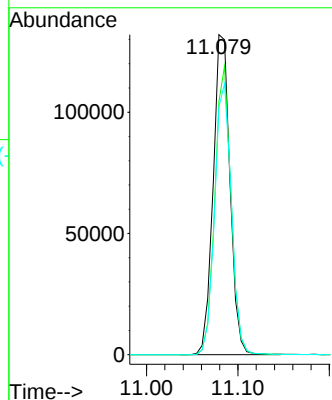
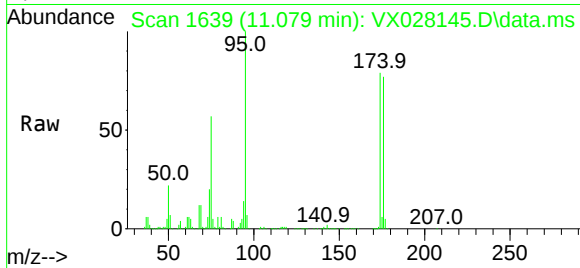




#62
4-Bromofluorobenzene
Concen: 47.194 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028145.D
Acq: 15 Apr 2022 19:52

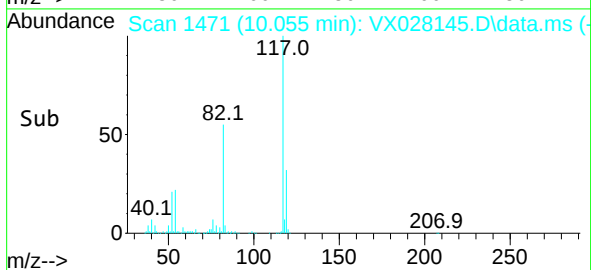
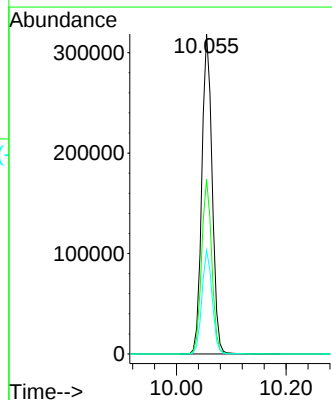
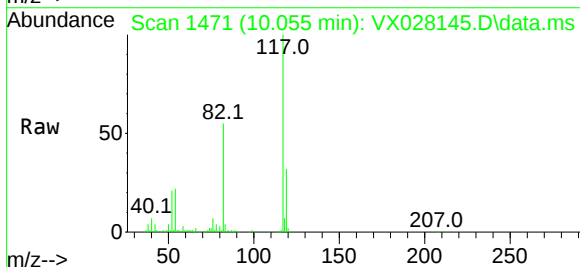
Instrument :
MSVOA_X
ClientSampleId :
CS-8

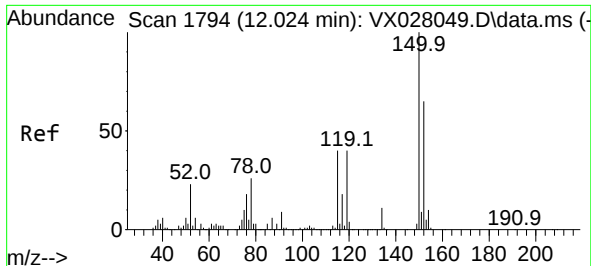
Tgt Ion: 95 Resp: 168737
Ion Ratio Lower Upper
95 100
174 86.7 0.0 163.0
176 84.3 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028145.D
Acq: 15 Apr 2022 19:52

Tgt Ion: 117 Resp: 416272
Ion Ratio Lower Upper
117 100
82 54.5 41.8 62.8
119 32.4 24.8 37.2

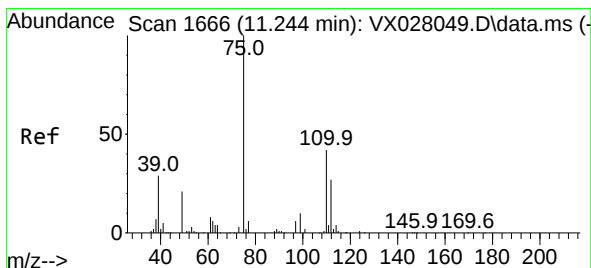
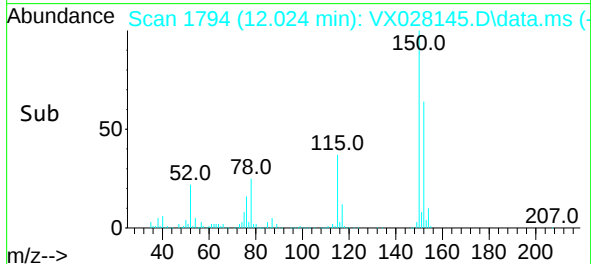
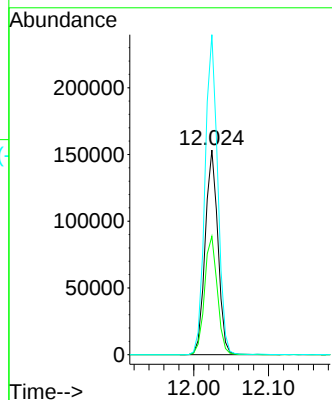
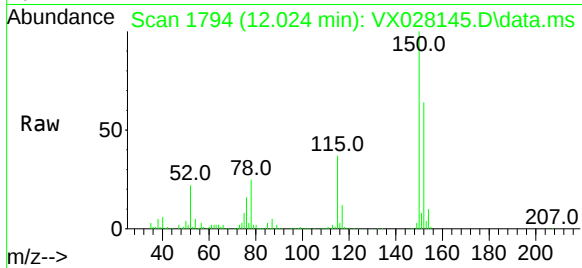




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX028145.D
 Acq: 15 Apr 2022 19:52

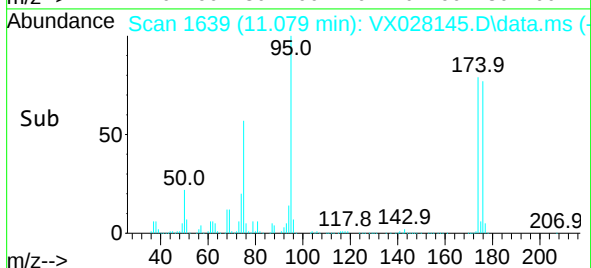
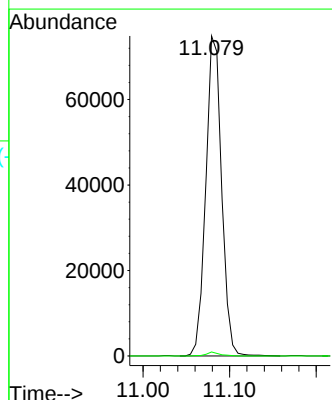
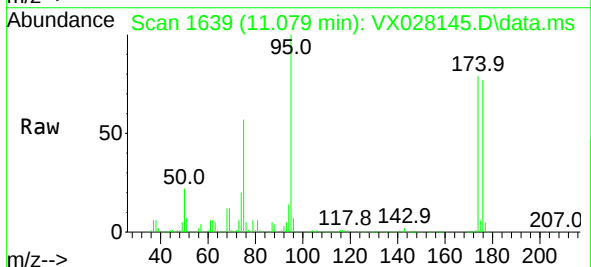
Instrument :
 MSVOA_X
 ClientSampleId :
 CS-8

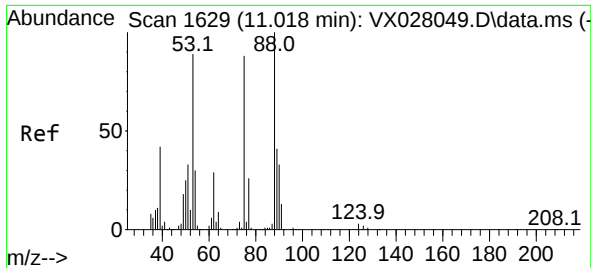
Tgt Ion:152 Resp: 181184
 Ion Ratio Lower Upper
 152 100
 115 58.0 37.5 112.7
 150 155.7 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 23.541 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX028145.D
 Acq: 15 Apr 2022 19:52

Tgt Ion: 75 Resp: 94954
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.302 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028145.D
 Acq: 15 Apr 2022 19:52

Instrument :
 MSVOA_X
 ClientSampleId :
 CS-8

Tgt Ion: 75 Resp: 94954
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

