

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062722\
 Data File : VX029822.D
 Acq On : 27 Jun 2022 17:41
 Operator : JC/MD
 Sample : N3473-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 27 18:32:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 15:32:24 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

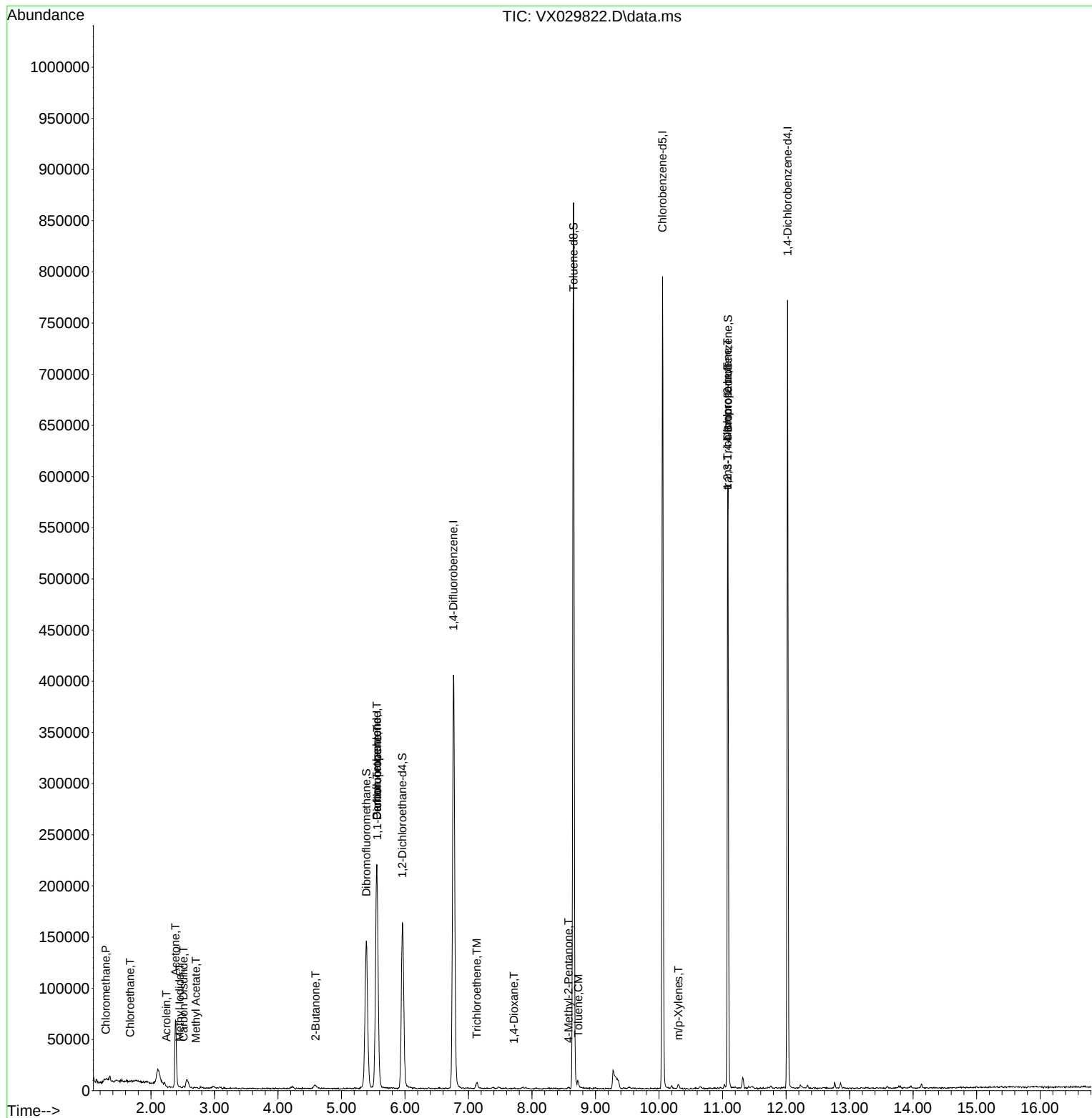
Internal Standards						
1) Pentafluorobenzene	5.556	168	198011	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	423909	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	358582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	152883	49.836	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.680%
35) Dibromofluoromethane	5.391	113	129841	47.680	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.360%
50) Toluene-d8	8.653	98	517807	48.556	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.120%
62) 4-Bromofluorobenzene	11.085	95	169597	43.487	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.980%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	1367	0.496	ug/l	# 82
5) Bromomethane	1.624	94	581	Below Cal	#	35
6) Chloroethane	1.672	64	1651	1.036	ug/l	# 59
10) Methyl Iodide	2.453	142	794	0.295	ug/l	# 77
11) Tert butyl alcohol	2.971	59	1945	Below Cal	#	66
13) Acrolein	2.239	56	300	0.559	ug/l	# 15
16) Acetone	2.386	43	75460	51.597	ug/l	99
17) Carbon Disulfide	2.514	76	2273	0.366	ug/l	# 81
18) Methyl Acetate	2.709	43	1016	0.232	ug/l	95
25) 2-Butanone	4.593	43	5931	2.388	ug/l	100
36) 1,1-Dichloropropene	5.562	75	17351	4.350	ug/l	# 45
38) Carbon Tetrachloride	5.556	117	21024	6.497	ug/l	# 17
44) Trichloroethene	7.129	130	2339	0.761	ug/l	86
49) 1,4-Dioxane	7.714	88	21	0.234	ug/l	# 25
51) 4-Methyl-2-Pentanone	8.574	43	1285	0.259	ug/l	# 67
52) Toluene	8.726	92	2293	0.309	ug/l	94
68) m/p-Xylenes	10.305	106	1060	0.206	ug/l	88
76) 1,2,3-Trichloropropane	11.079	75	85758	21.383	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	85758	65.036	ug/l	# 15

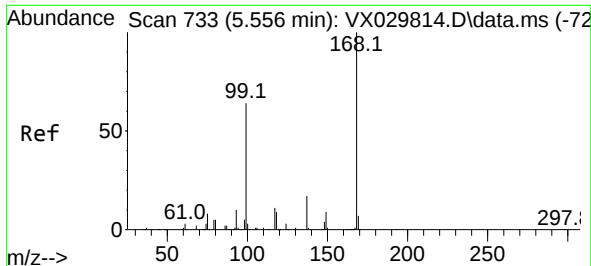
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :

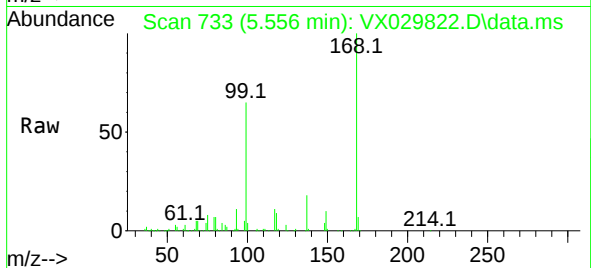
Quant Time: Jun 27 18:32:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062722W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 27 15:32:24 2022
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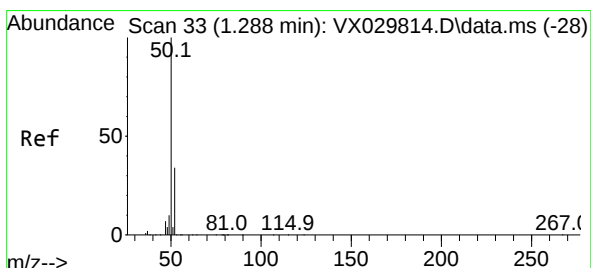
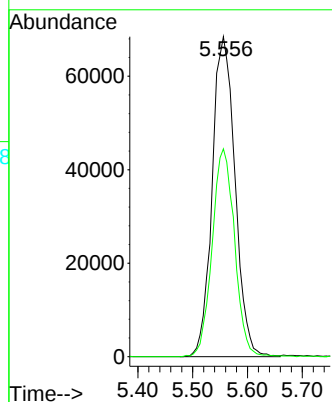
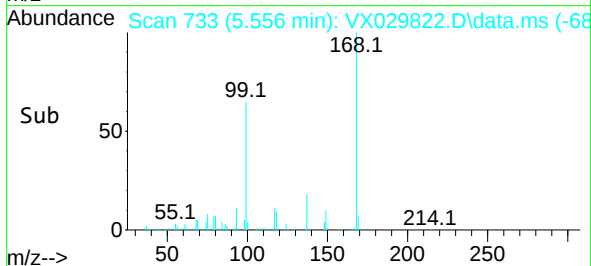


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029822.D
Acq: 27 Jun 2022 17:41

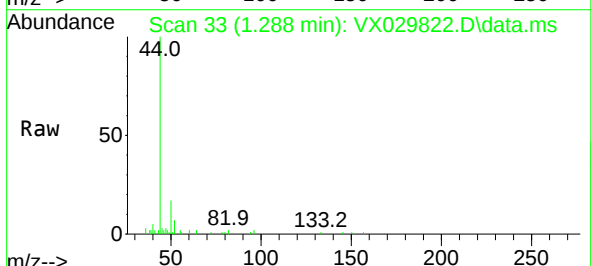
Instrument :
MSVOA_X
ClientSampleId :



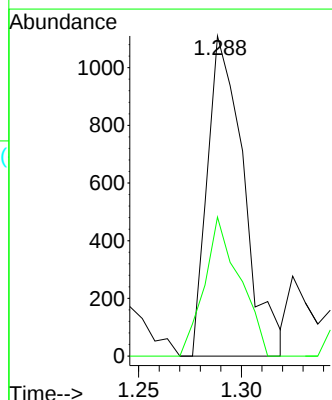
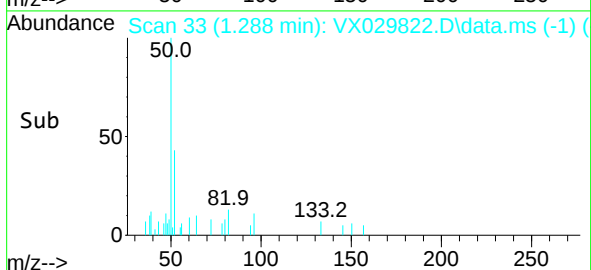
Tgt Ion:168 Resp: 198011
Ion Ratio Lower Upper
168 100
99 64.9 41.7 62.5#

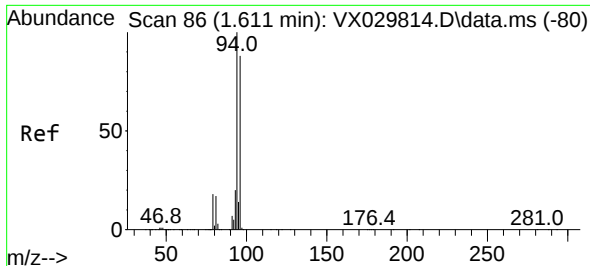


#3
Chloromethane
Concen: 0.496 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029822.D
Acq: 27 Jun 2022 17:41



Tgt Ion: 50 Resp: 1367
Ion Ratio Lower Upper
50 100
52 43.4 26.4 39.6#

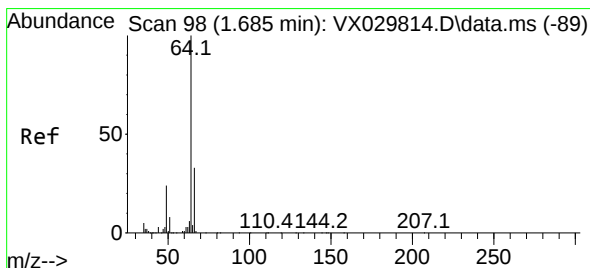
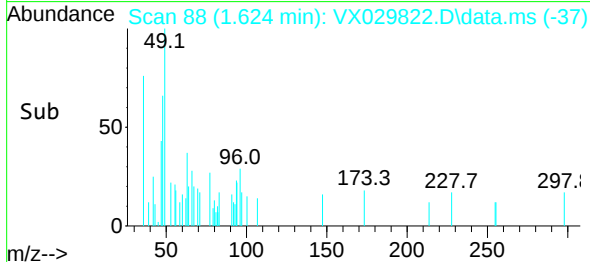
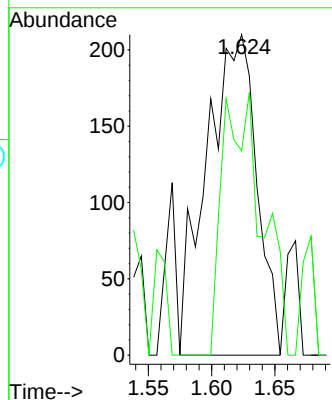
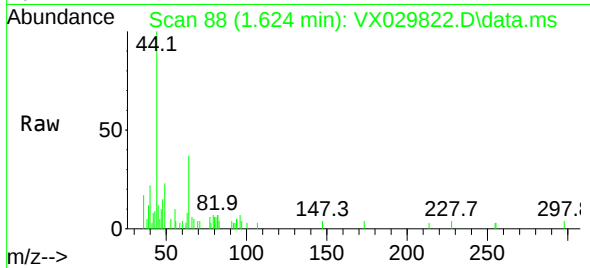




#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 81
Delta R.T. 0.013 min
Lab File: VX029822.D
Acq: 27 Jun 2022 17:41

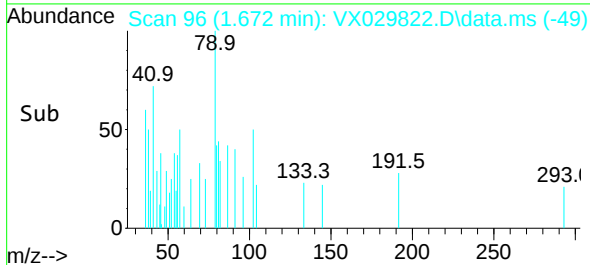
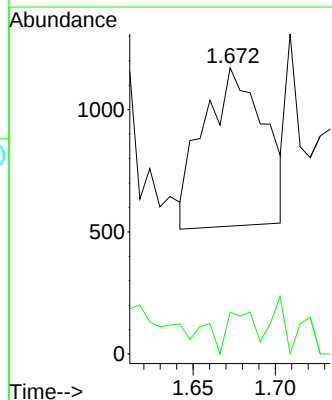
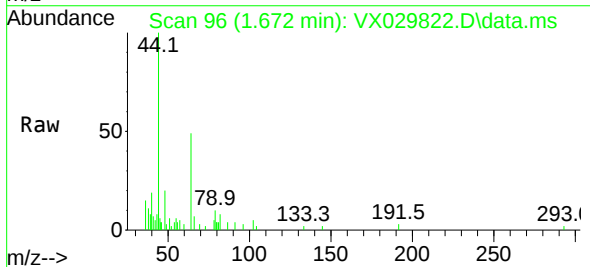
Instrument :
MSVOA_X
ClientSampleId :

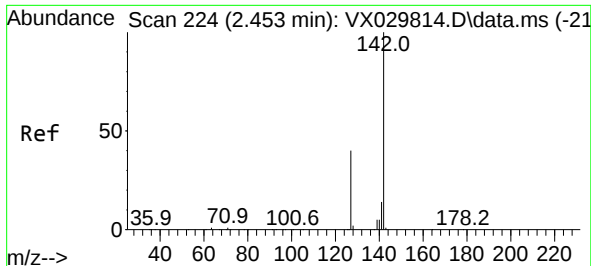
Tgt Ion: 94 Resp: 581
Ion Ratio Lower Upper
94 100
96 31.4 75.3 112.9#



#6
Chloroethane
Concen: 1.036 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.013 min
Lab File: VX029822.D
Acq: 27 Jun 2022 17:41

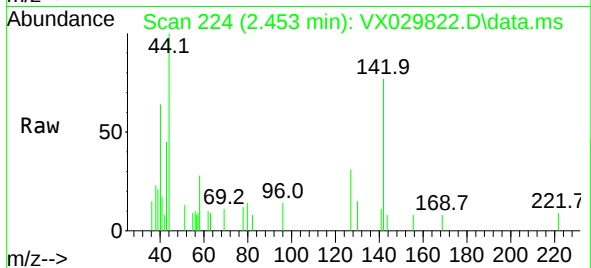
Tgt Ion: 64 Resp: 1651
Ion Ratio Lower Upper
64 100
66 8.9 25.3 37.9#



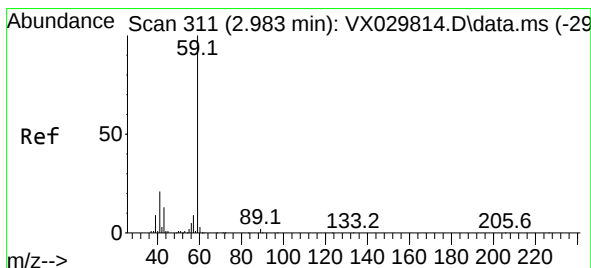
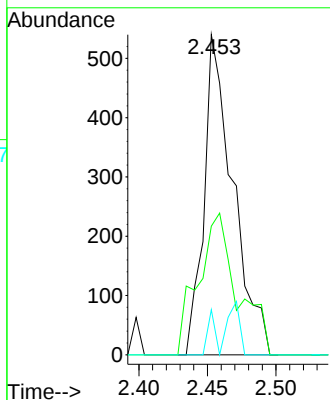
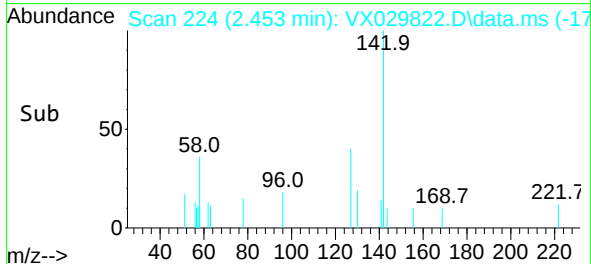


#10
Methyl Iodide
Concen: 0.295 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX029822.D
Acq: 27 Jun 2022 17:41

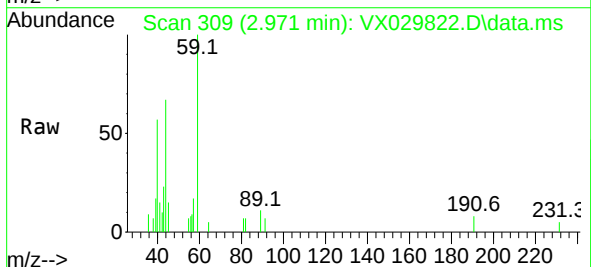
Instrument :
MSVOA_X
ClientSampleId :



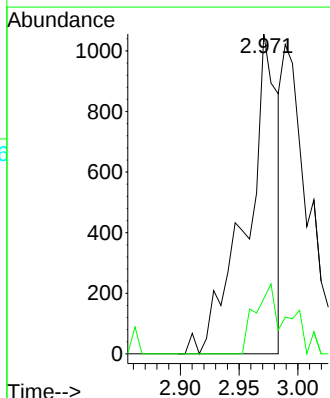
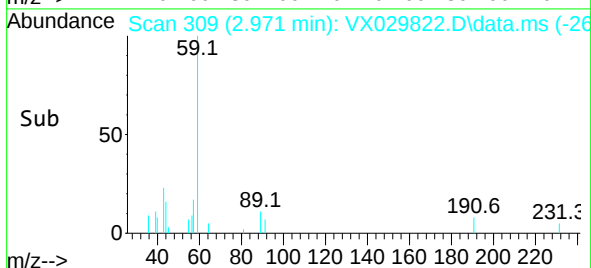
Tgt Ion:142 Resp: 794
Ion Ratio Lower Upper
142 100
127 60.3 33.9 50.9#
141 10.6 11.4 17.2#

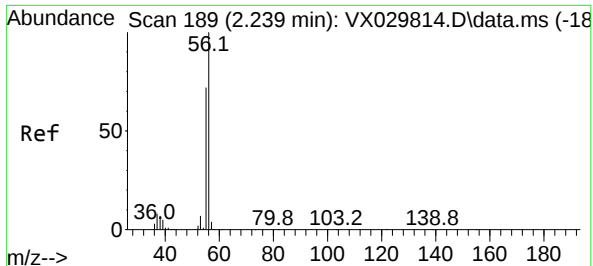


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX029822.D
Acq: 27 Jun 2022 17:41



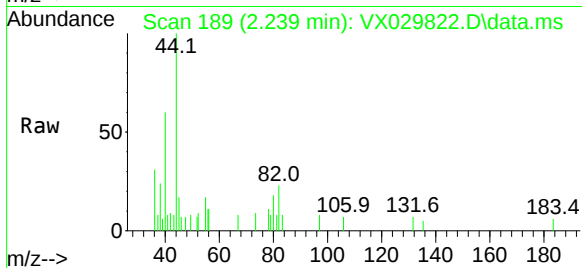
Tgt Ion: 59 Resp: 1945
Ion Ratio Lower Upper
59 100
57 23.1 8.3 12.5#



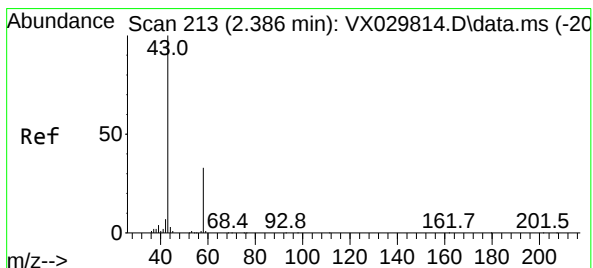
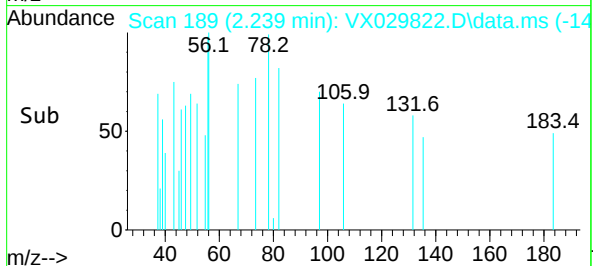
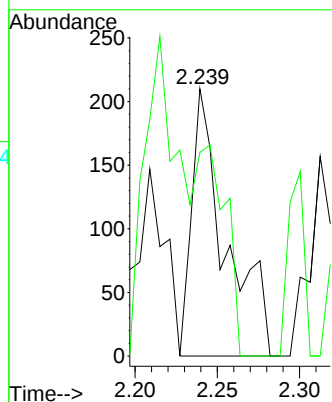


#13
Acrolein
Concen: 0.559 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX029822.D
Acq: 27 Jun 2022 17:41

Instrument :
MSVOA_X
ClientSampleId :

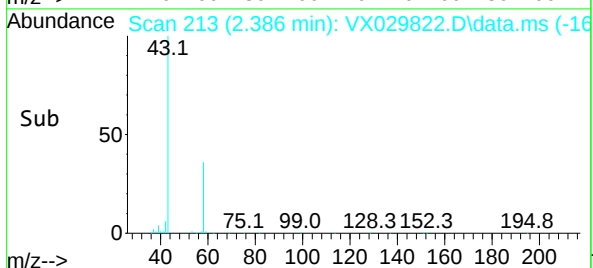
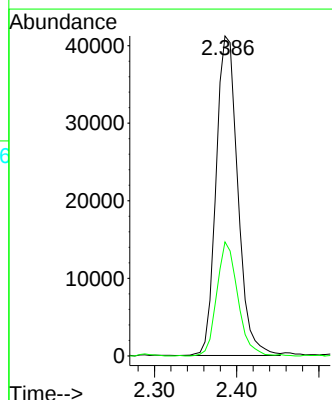
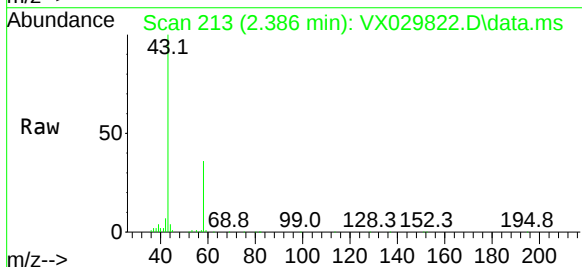


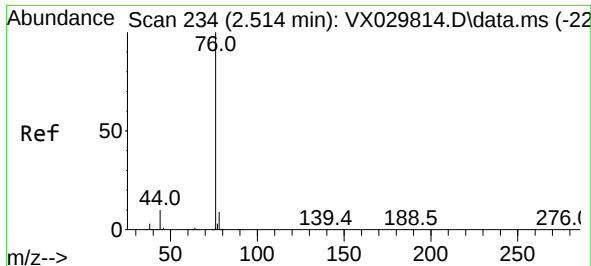
Tgt Ion: 56 Resp: 300
Ion Ratio Lower Upper
56 100
55 0.0 55.0 82.6#



#16
Acetone
Concen: 51.597 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX029822.D
Acq: 27 Jun 2022 17:41

Tgt Ion: 43 Resp: 75460
Ion Ratio Lower Upper
43 100
58 35.6 28.8 43.2





#17

Carbon Disulfide

Concen: 0.366 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX029822.D

Acq: 27 Jun 2022 17:41

Instrument :

MSVOA_X

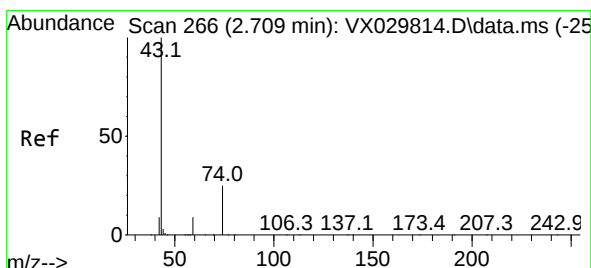
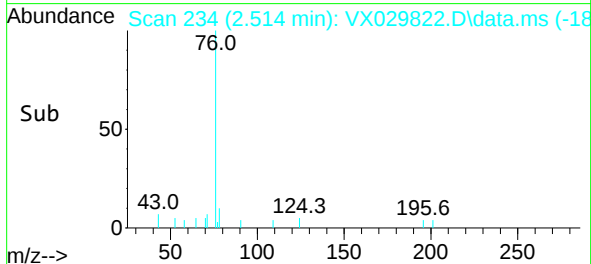
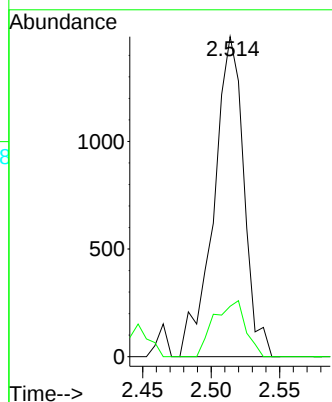
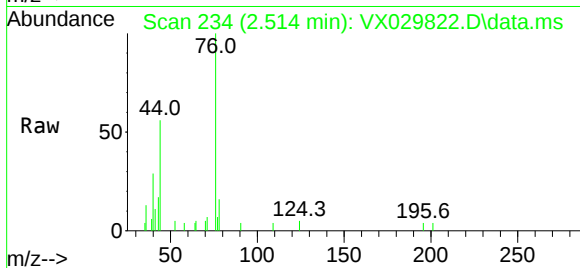
ClientSampleId :

Tgt Ion: 76 Resp: 2273

Ion Ratio Lower Upper

76 100

78 15.7 7.2 10.8#



#18

Methyl Acetate

Concen: 0.232 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX029822.D

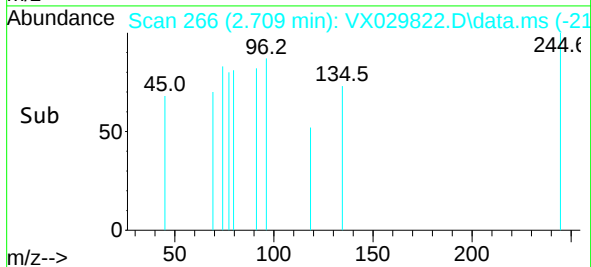
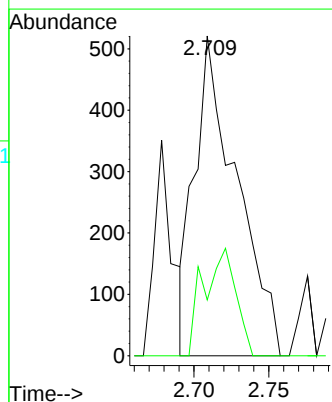
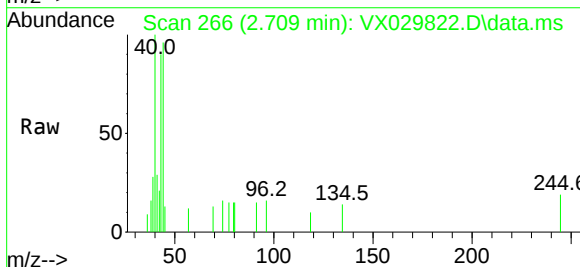
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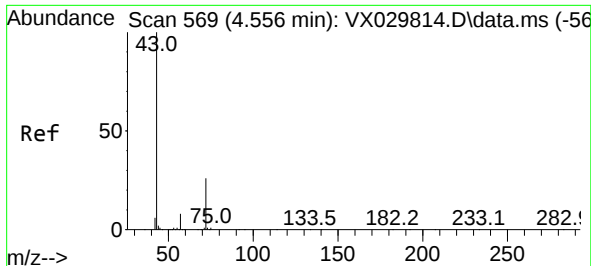
Tgt Ion: 43 Resp: 1016

Ion Ratio Lower Upper

43 100

74 25.8 22.8 34.2





#25

2-Butanone

Concen: 2.388 ug/l

RT: 4.593 min Scan# 51

Delta R.T. 0.037 min

Lab File: VX029822.D

Acq: 27 Jun 2022 17:41

Instrument :

MSVOA_X

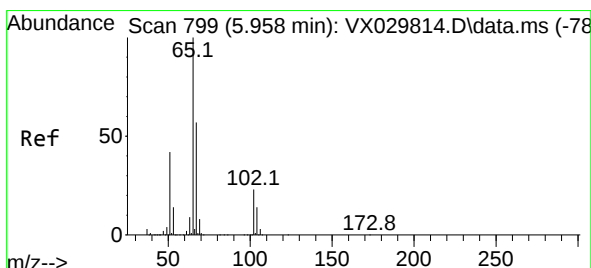
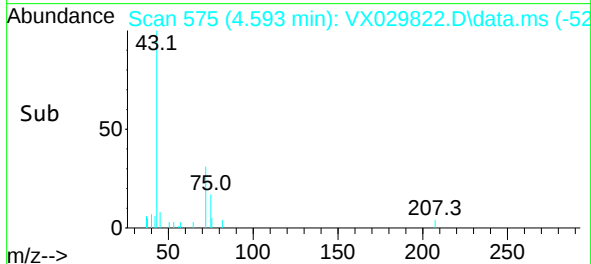
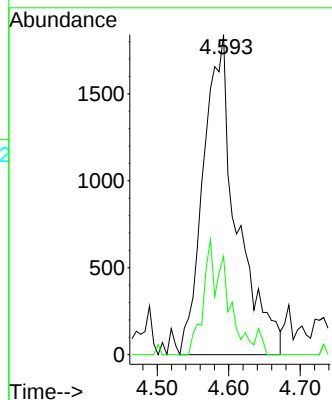
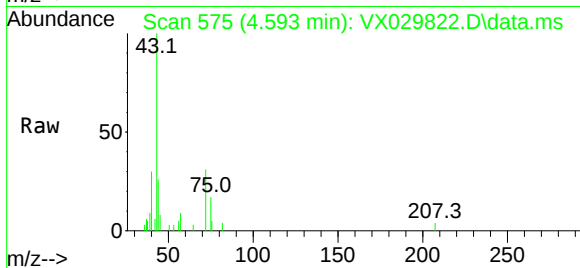
ClientSampleId :

Tgt Ion: 43 Resp: 5931

Ion Ratio Lower Upper

43 100

72 30.8 24.4 36.6



#33

1,2-Dichloroethane-d4

Concen: 49.836 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029822.D

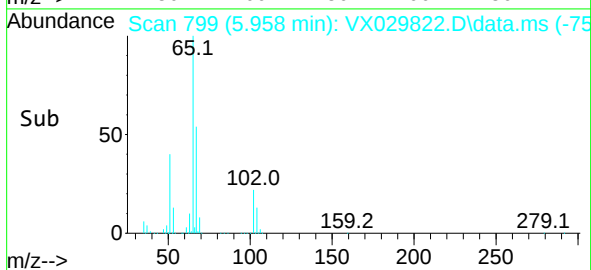
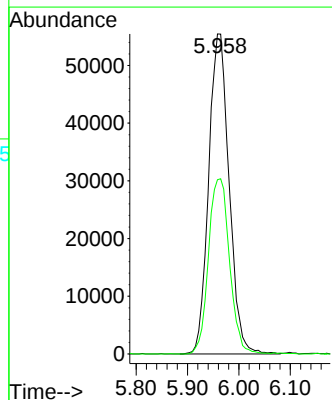
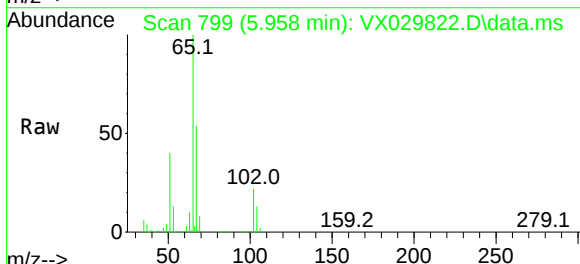
Acq: 27 Jun 2022 17:41

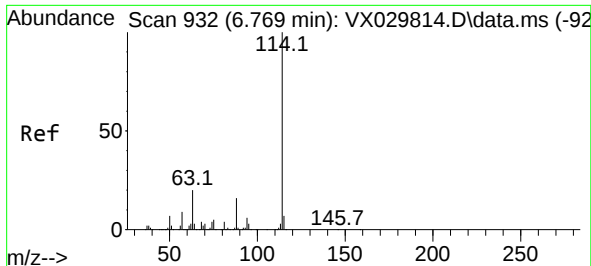
Tgt Ion: 65 Resp: 152883

Ion Ratio Lower Upper

65 100

67 56.4 0.0 107.4

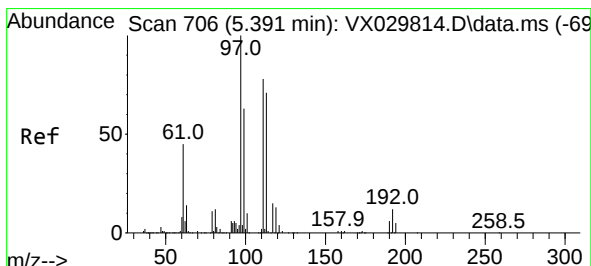
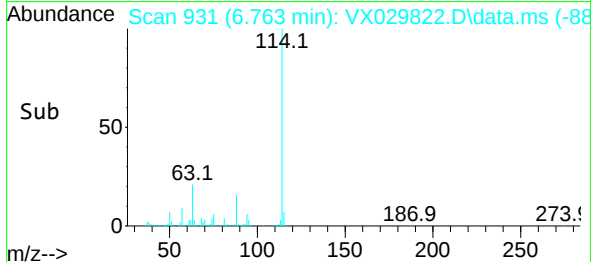
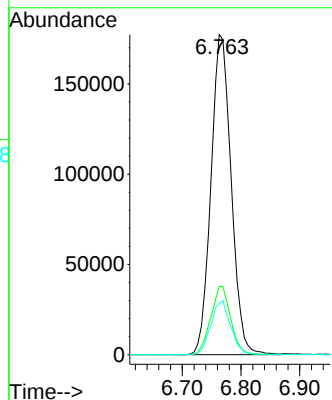
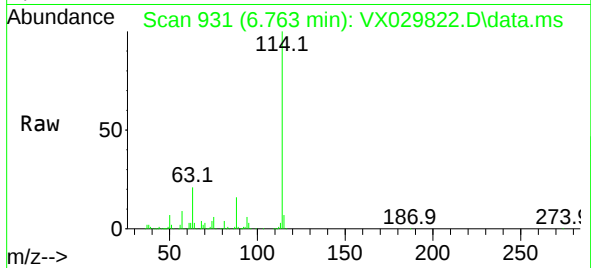




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX029822.D
Acq: 27 Jun 2022 17:41

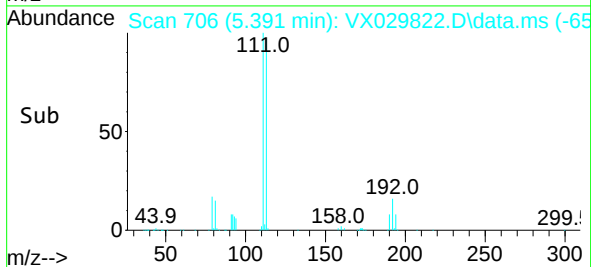
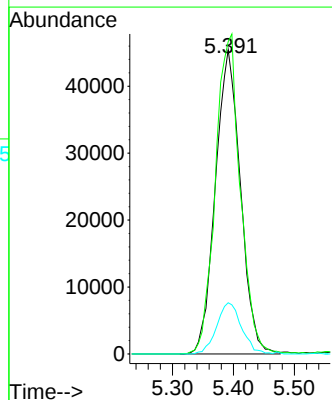
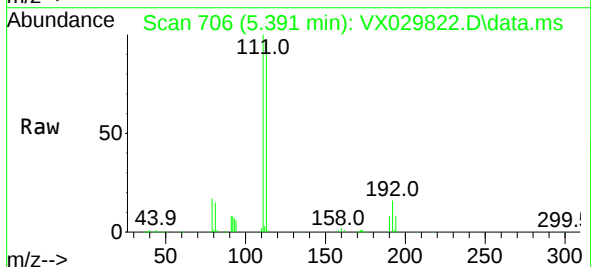
Instrument :
MSVOA_X
ClientSampleId :

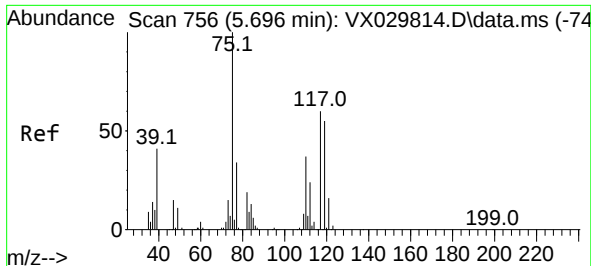
Tgt Ion:114 Resp: 423909
Ion Ratio Lower Upper
114 100
63 21.4 0.0 36.8
88 16.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 47.680 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029822.D
Acq: 27 Jun 2022 17:41

Tgt Ion:113 Resp: 129841
Ion Ratio Lower Upper
113 100
111 104.4 82.8 124.2
192 16.7 16.9 25.3#

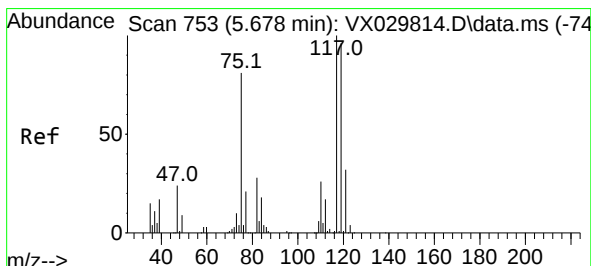
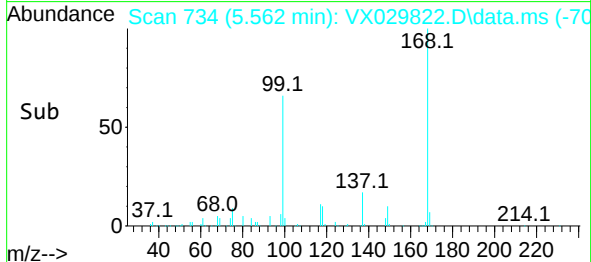
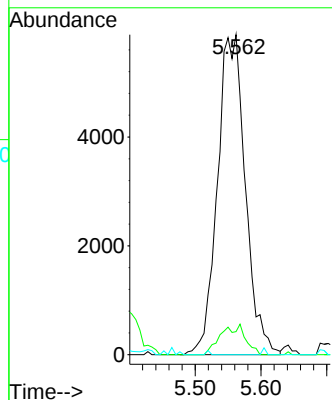
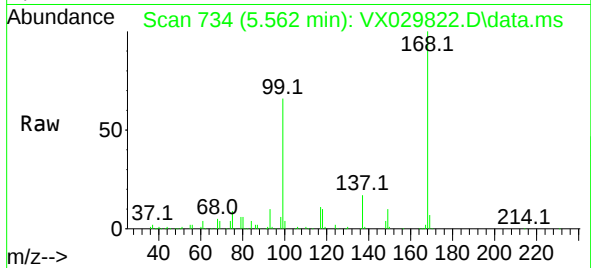




#36
1,1-Dichloropropene
Concen: 4.350 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX029822.D
Acq: 27 Jun 2022 17:41

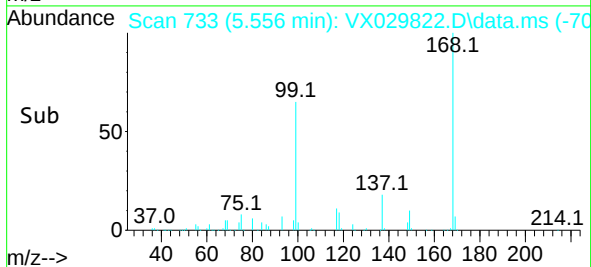
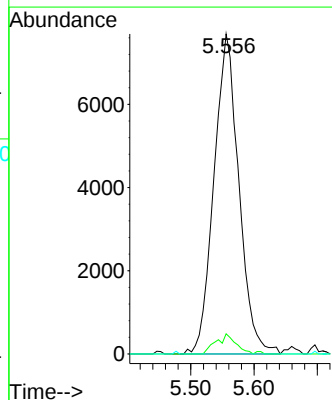
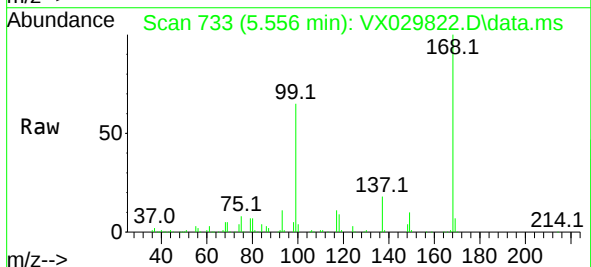
Instrument :
MSVOA_X
ClientSampleId :

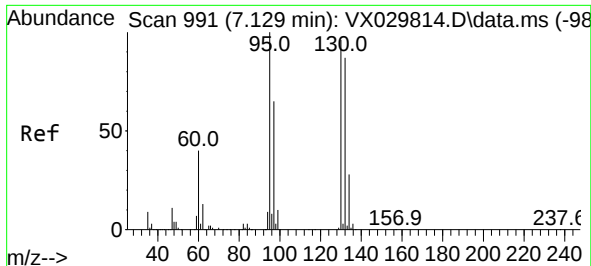
Tgt Ion: 75 Resp: 17351
Ion Ratio Lower Upper
75 100
110 4.6 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.497 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX029822.D
Acq: 27 Jun 2022 17:41

Tgt Ion: 117 Resp: 21024
Ion Ratio Lower Upper
117 100
119 6.3 77.3 115.9#
121 0.0 24.2 36.2#

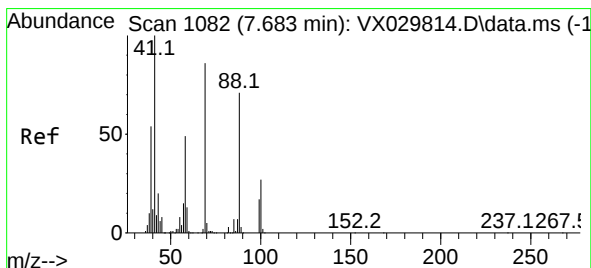
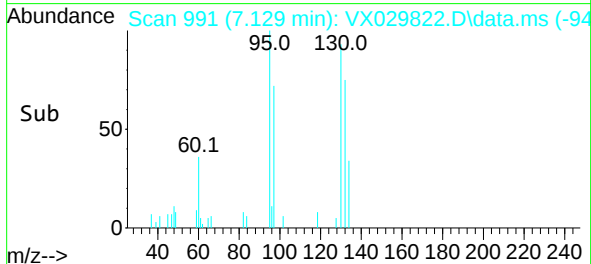
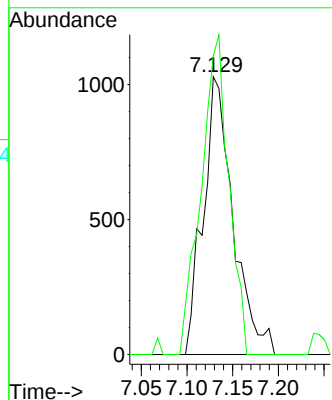
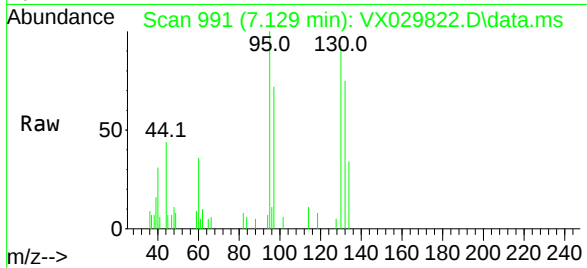




#44
Trichloroethene
Concen: 0.761 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX029822.D
Acq: 27 Jun 2022 17:41

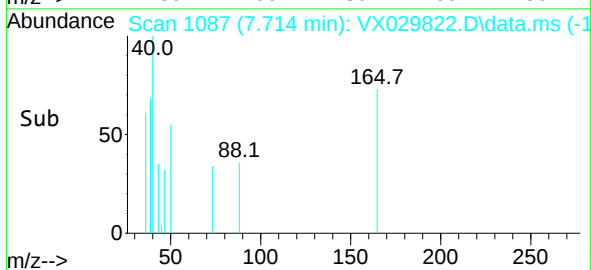
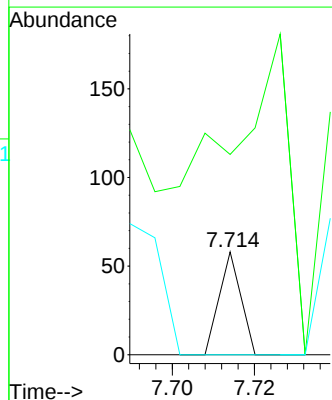
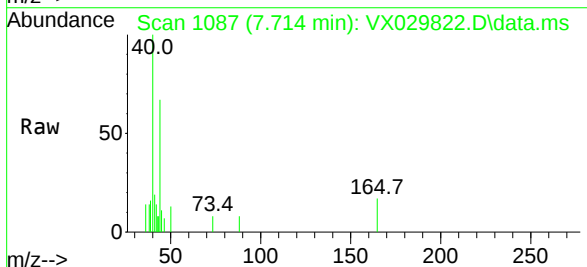
Instrument :
MSVOA_X
ClientSampleId :

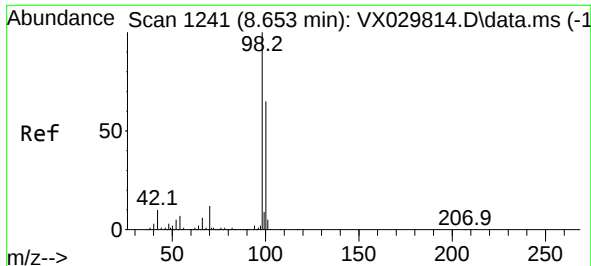
Tgt Ion:130 Resp: 2339
Ion Ratio Lower Upper
130 100
95 107.5 0.0 188.8



#49
1,4-Dioxane
Concen: 0.234 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.031 min
Lab File: VX029822.D
Acq: 27 Jun 2022 17:41

Tgt Ion: 88 Resp: 21
Ion Ratio Lower Upper
88 100
43 0.0 21.9 32.9#
58 0.0 53.7 80.5#

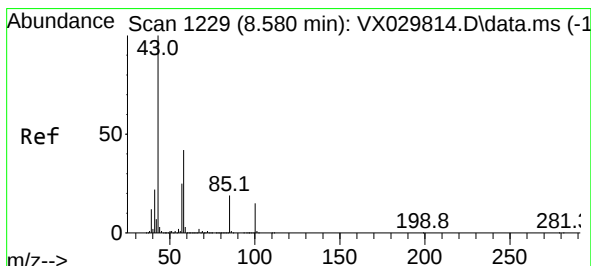
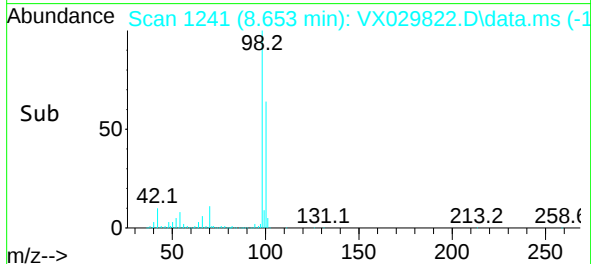
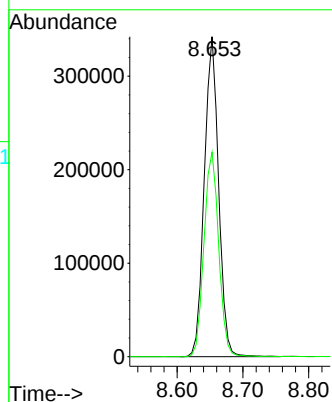
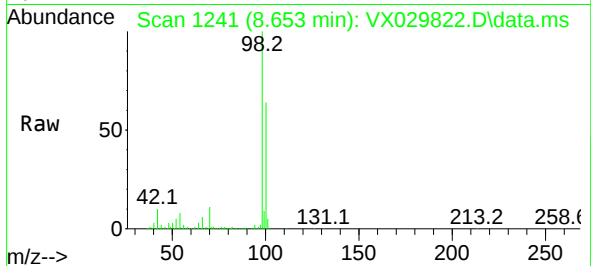




#50
Toluene-d8
Concen: 48.556 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029822.D
Acq: 27 Jun 2022 17:41

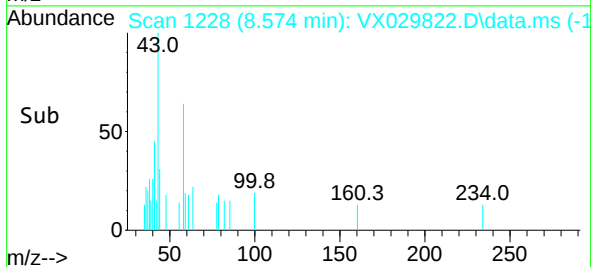
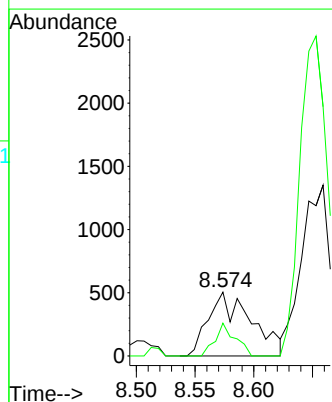
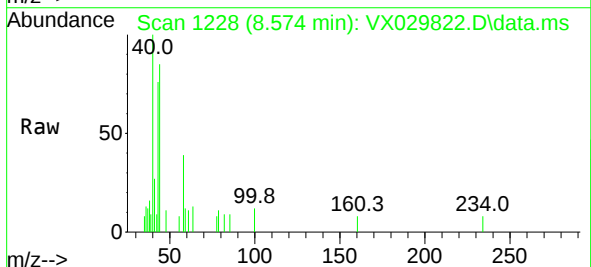
Instrument :
MSVOA_X
ClientSampleId :

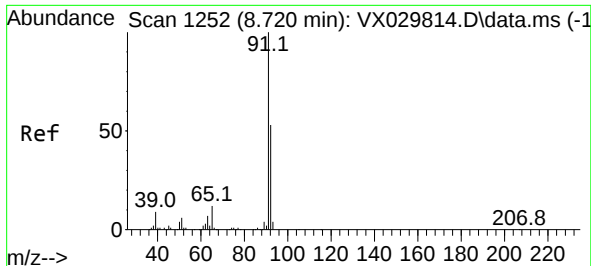
Tgt Ion: 98 Resp: 517807
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.259 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX029822.D
Acq: 27 Jun 2022 17:41

Tgt Ion: 43 Resp: 1285
Ion Ratio Lower Upper
43 100
58 23.8 36.1 54.1#

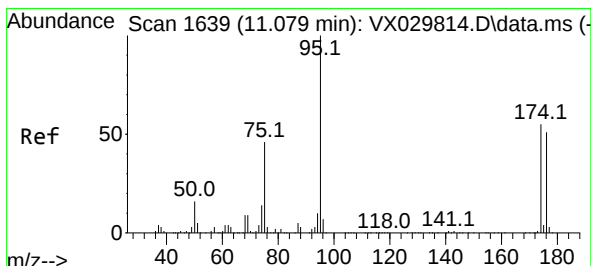
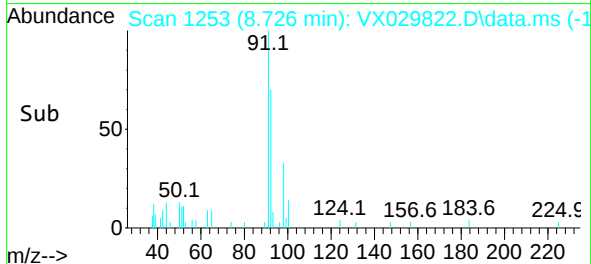
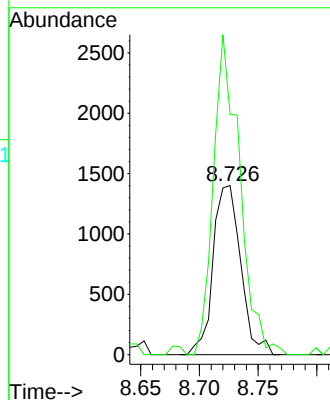
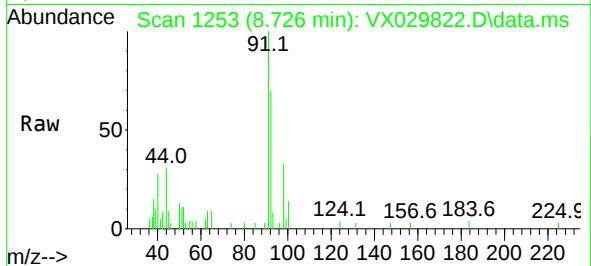




#52
Toluene
Concen: 0.309 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX029822.D
Acq: 27 Jun 2022 17:41

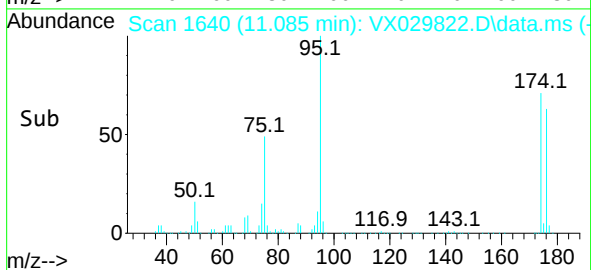
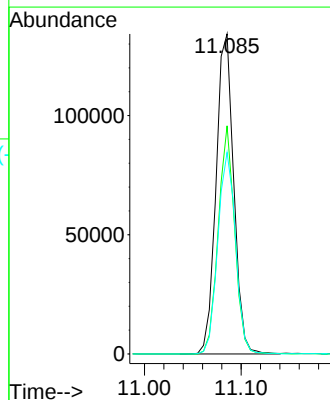
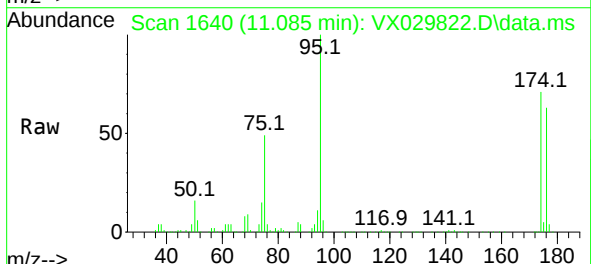
Instrument :
MSVOA_X
ClientSampleId :

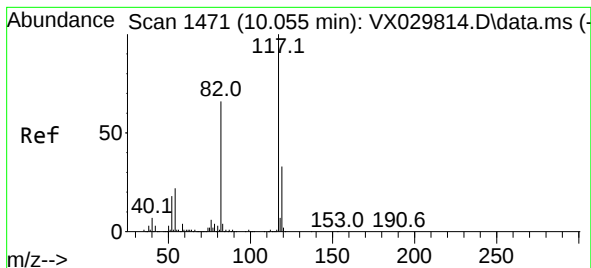
Tgt Ion: 92 Resp: 2293
Ion Ratio Lower Upper
92 100
91 180.2 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 43.487 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX029822.D
Acq: 27 Jun 2022 17:41

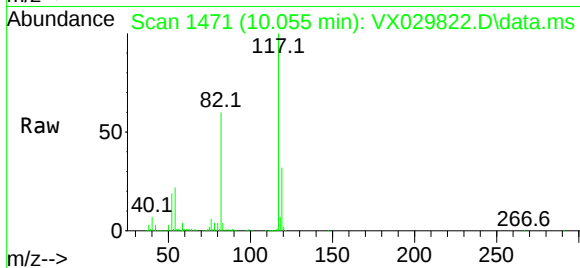
Tgt Ion: 95 Resp: 169597
Ion Ratio Lower Upper
95 100
174 66.3 0.0 163.0
176 63.3 0.0 155.0



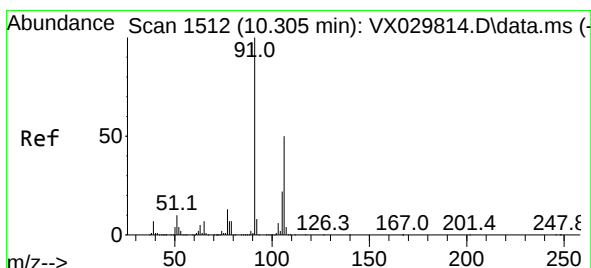
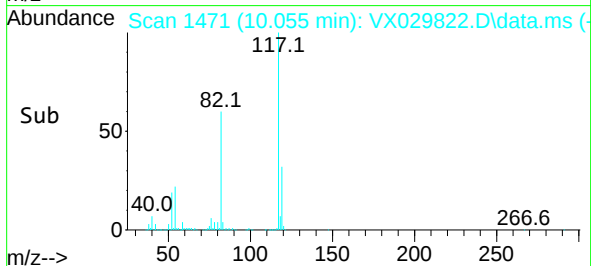
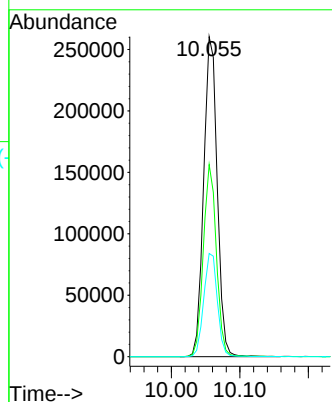


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029822.D
Acq: 27 Jun 2022 17:41

Instrument :
MSVOA_X
ClientSampleId :

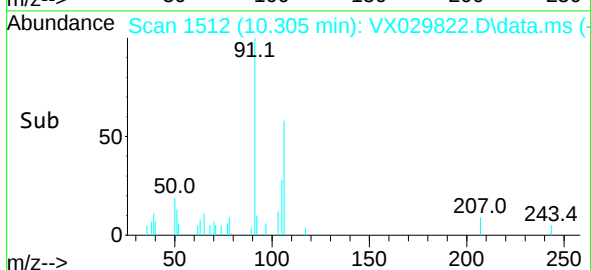
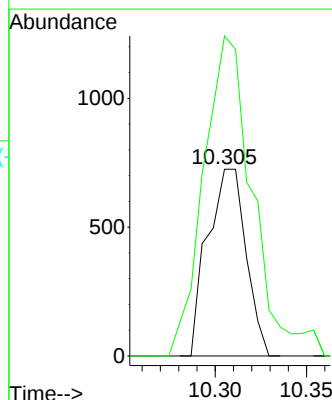
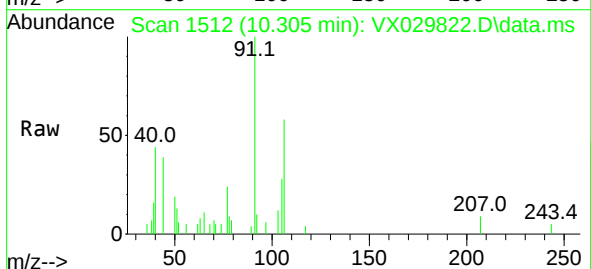


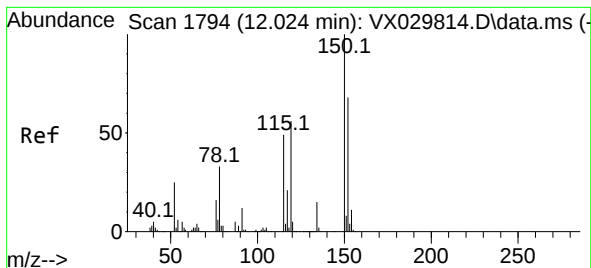
Tgt Ion:117 Resp: 358582
Ion Ratio Lower Upper
117 100
82 60.1 41.8 62.8
119 32.2 24.8 37.2



#68
m/p-Xylenes
Concen: 0.206 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029822.D
Acq: 27 Jun 2022 17:41

Tgt Ion:106 Resp: 1060
Ion Ratio Lower Upper
106 100
91 218.7 160.4 240.6

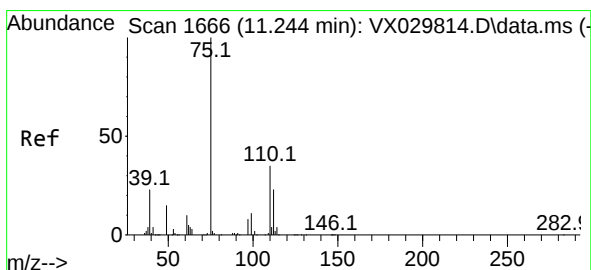
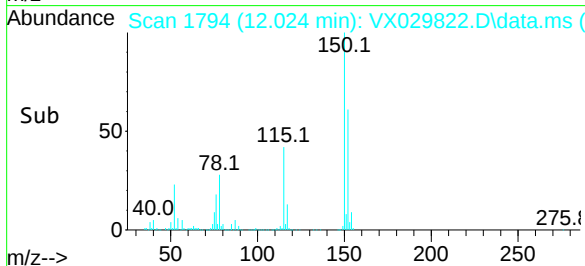
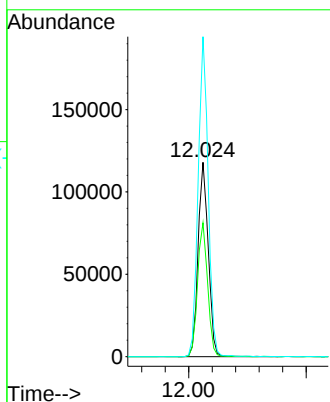
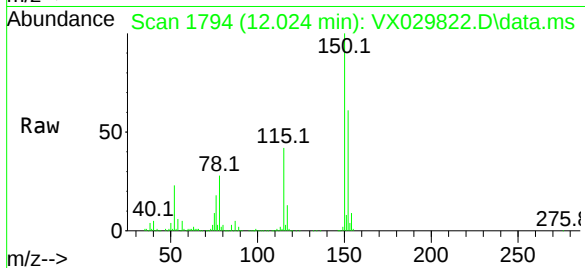




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029822.D
 Acq: 27 Jun 2022 17:41

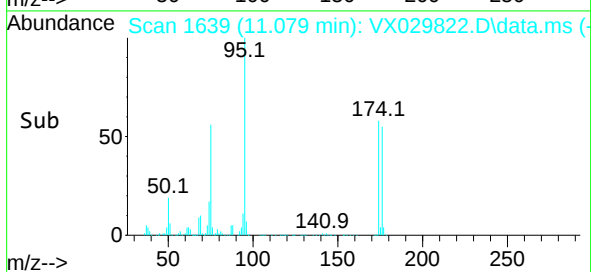
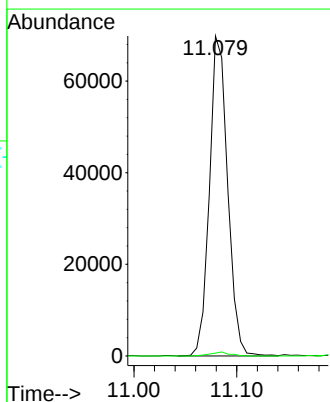
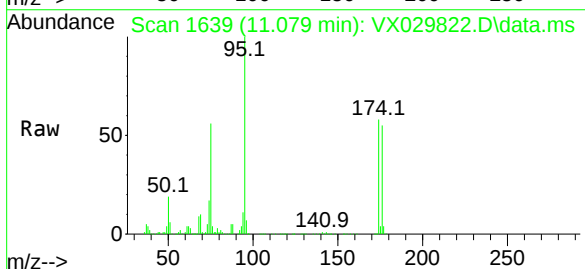
Instrument :
 MSVOA_X
 ClientSampleId :

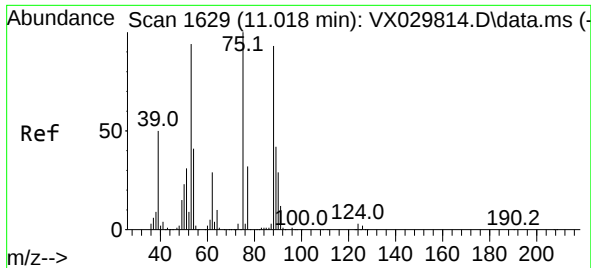
Tgt Ion:152 Resp: 141475
 Ion Ratio Lower Upper
 152 100
 115 68.0 37.5 112.7
 150 161.7 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 21.383 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX029822.D
 Acq: 27 Jun 2022 17:41

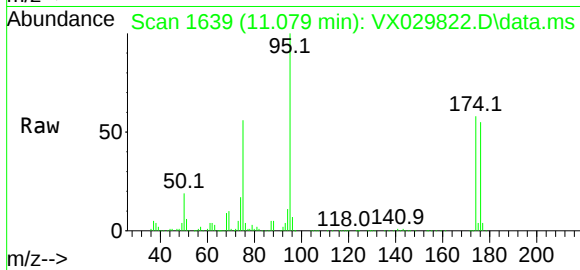
Tgt Ion: 75 Resp: 85758
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.036 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029822.D
 Acq: 27 Jun 2022 17:41

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 85758
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

