

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052622\
 Data File : VX028997.D
 Acq On : 26 May 2022 14:29
 Operator : JC/MD
 Sample : N2983-09DL 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20220520DL

Quant Time: May 27 07:33:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

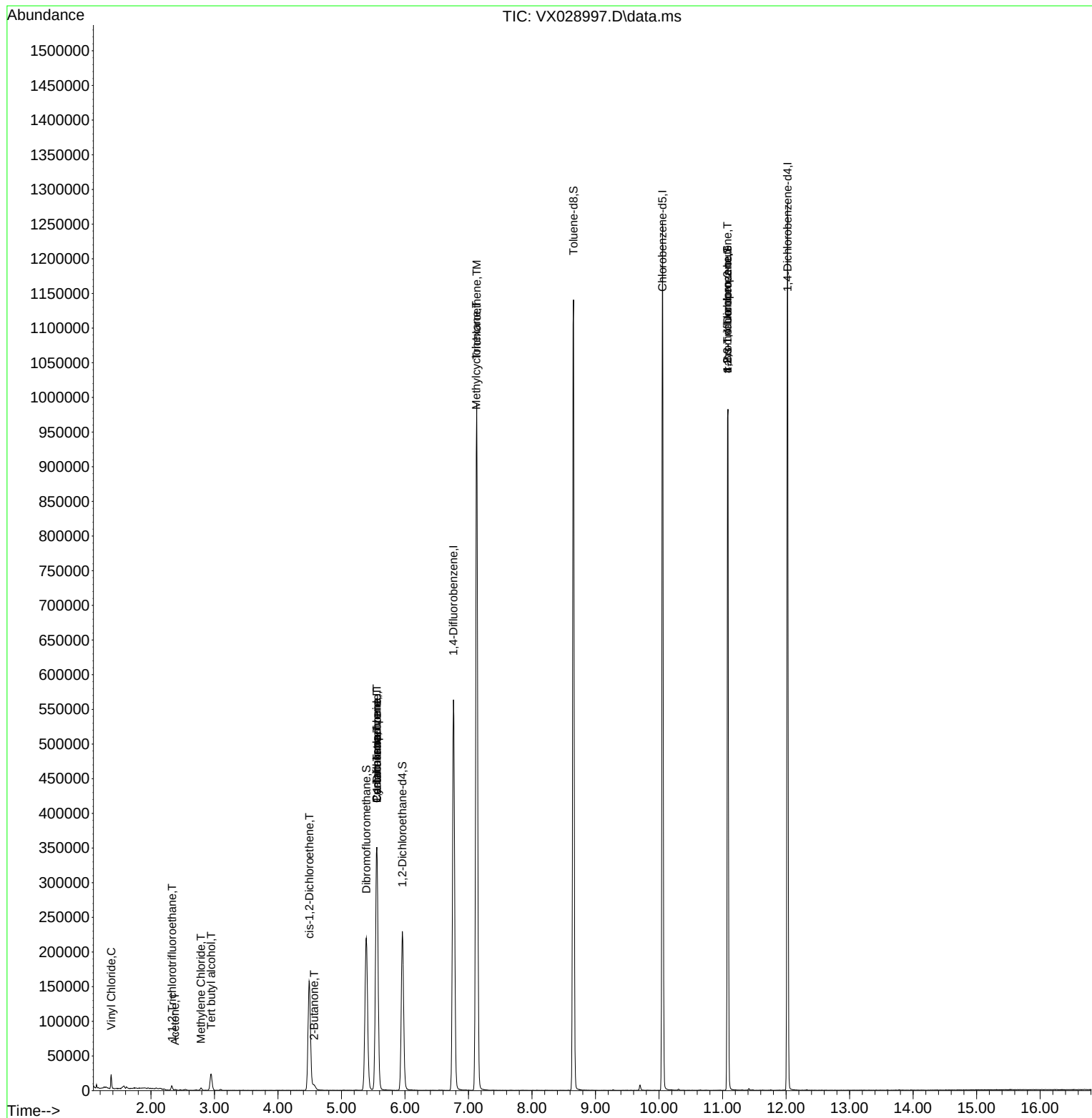
Internal Standards						
1) Pentafluorobenzene	5.556	168	335008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	595046	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	568111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	263546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	222249	48.397	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.800%
35) Dibromofluoromethane	5.391	113	196951	50.518	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.040%
50) Toluene-d8	8.653	98	710387	48.330	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.660%
62) 4-Bromofluorobenzene	11.079	95	274623	50.022	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.040%
Target Compounds						Qvalue
4) Vinyl Chloride	1.374	62	12296	2.762	ug/l	100
5) Bromomethane	1.618	94	1161	Below Cal	#	74
6) Chloroethane	1.660	64	191	Below Cal	#	43
9) 1,1,2-Trichlorotrifluo...	2.331	101	1718	0.460	ug/l	97
11) Tert butyl alcohol	2.947	59	13520	6.088	ug/l	# 74
16) Acetone	2.380	43	1330	0.675	ug/l	92
20) Methylene Chloride	2.788	84	1452	0.351	ug/l	# 92
25) 2-Butanone	4.568	43	662	0.214	ug/l	# 44
27) cis-1,2-Dichloroethene	4.495	96	105973	23.233	ug/l	88
31) Cyclohexane	5.556	56	6296	0.988	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	26025	4.444	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	34533	5.860	ug/l	# 16
39) Methylcyclohexane	7.123	83	4393	0.654	ug/l	# 1
44) Trichloroethene	7.129	130	391322	85.737	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	136775	22.161	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	136775	64.863	ug/l	# 15

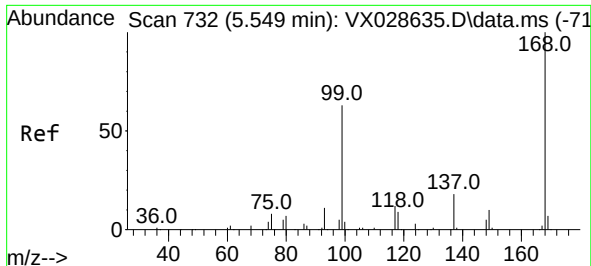
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 27 07:33:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
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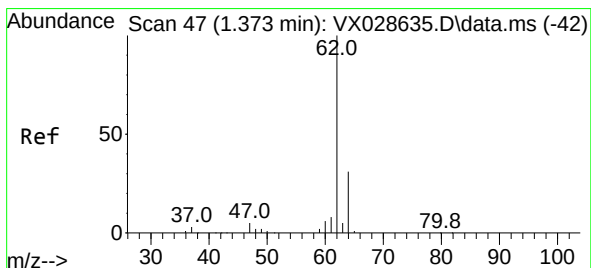
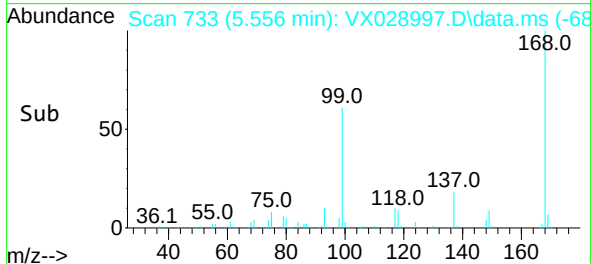
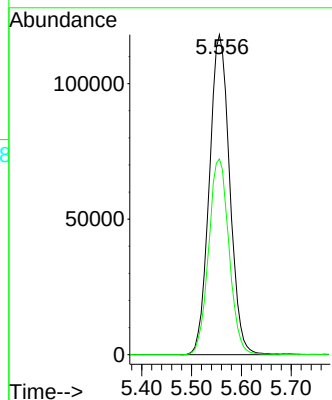
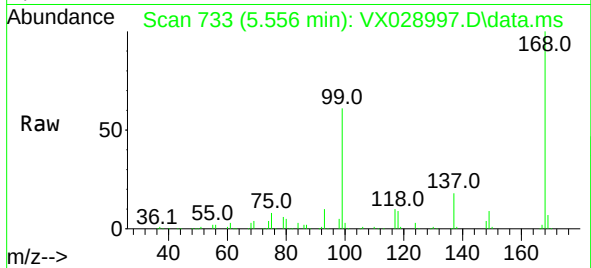




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028997.D
Acq: 26 May 2022 14:29

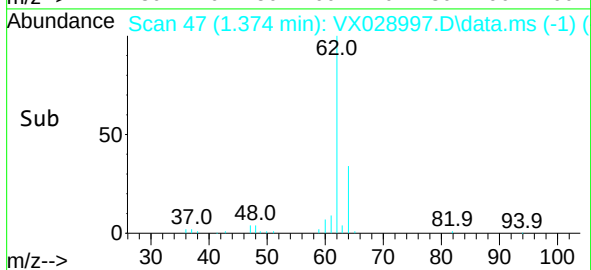
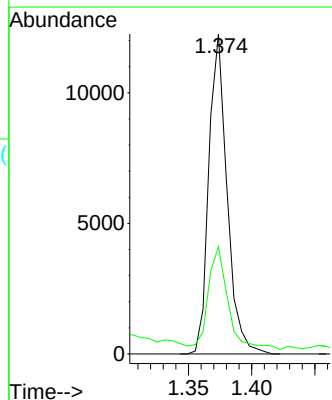
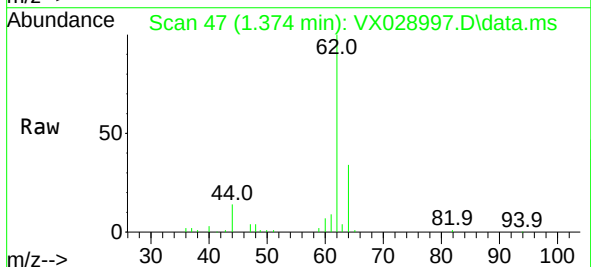
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220520DL

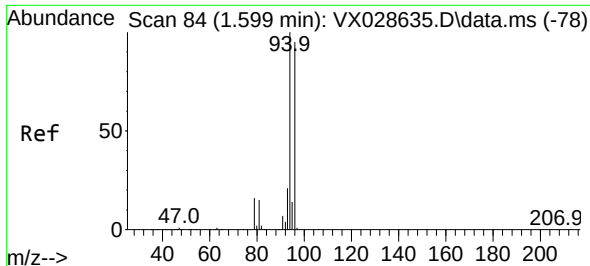
Tgt Ion:168 Resp: 335008
Ion Ratio Lower Upper
168 100
99 61.2 41.7 62.5



#4
Vinyl Chloride
Concen: 2.762 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX028997.D
Acq: 26 May 2022 14:29

Tgt Ion: 62 Resp: 12296
Ion Ratio Lower Upper
62 100
64 32.1 25.5 38.3

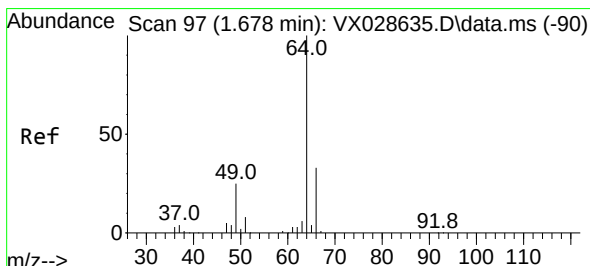
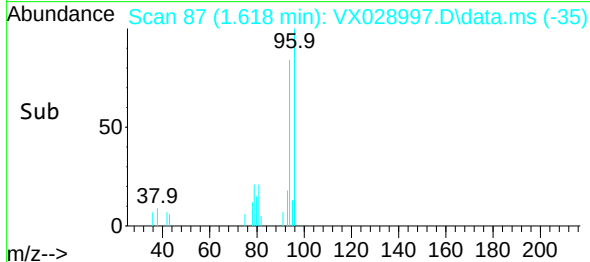
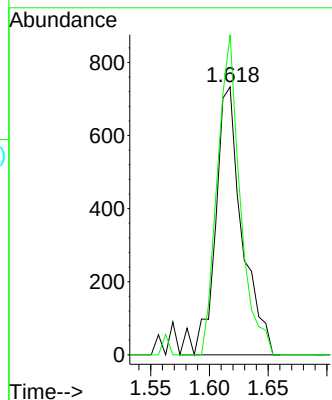
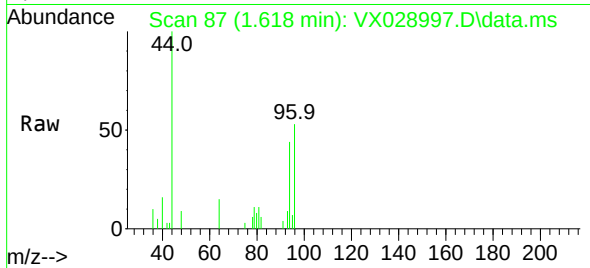




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX028997.D
Acq: 26 May 2022 14:29

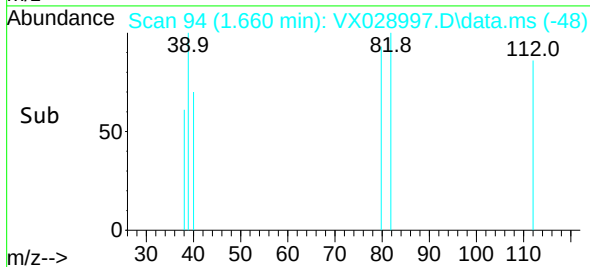
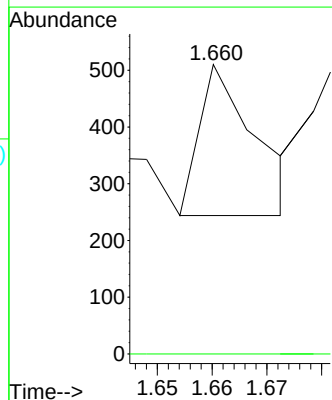
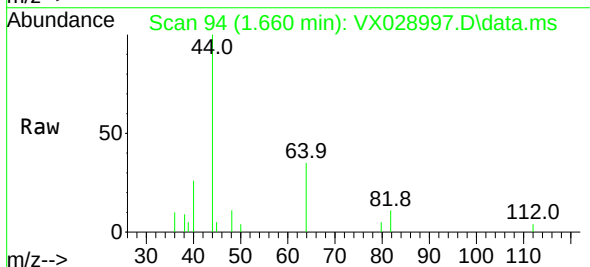
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220520DL

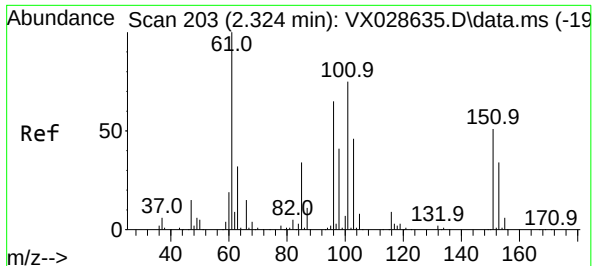
Tgt Ion: 94 Resp: 1161
Ion Ratio Lower Upper
94 100
96 119.5 75.3 112.9#



#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.018 min
Lab File: VX028997.D
Acq: 26 May 2022 14:29

Tgt Ion: 64 Resp: 191
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

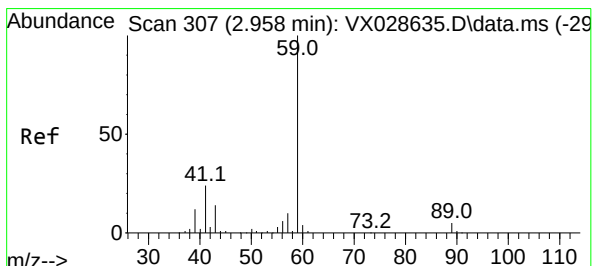
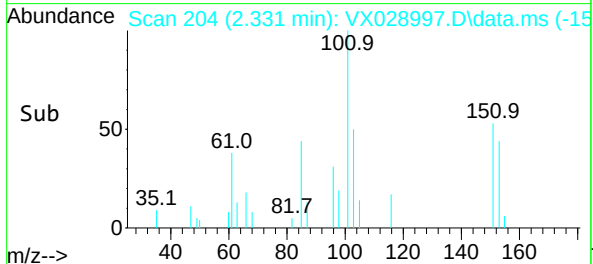
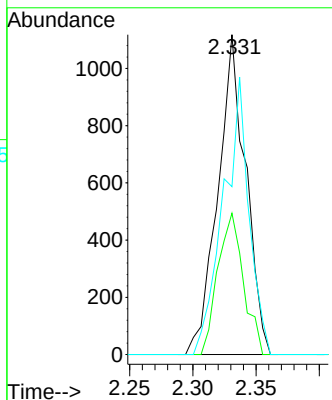
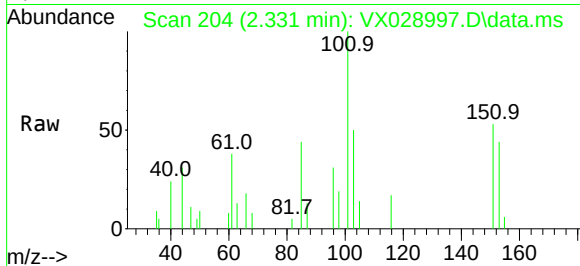




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.460 ug/l
RT: 2.331 min Scan# 20
Delta R.T. 0.007 min
Lab File: VX028997.D
Acq: 26 May 2022 14:29

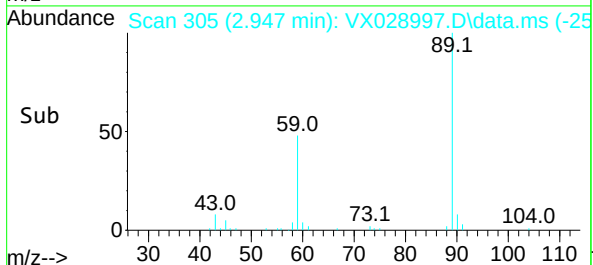
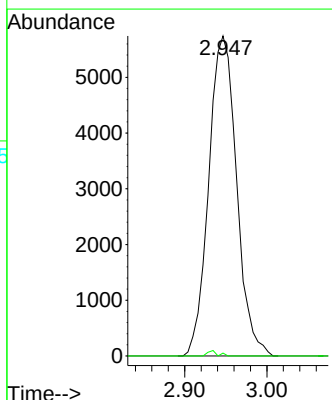
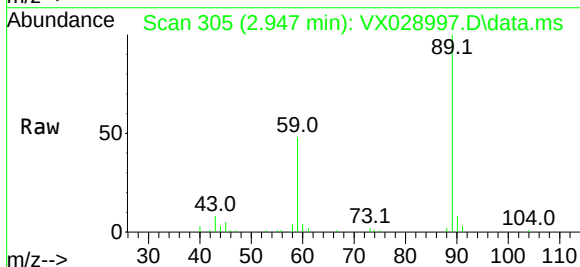
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220520DL

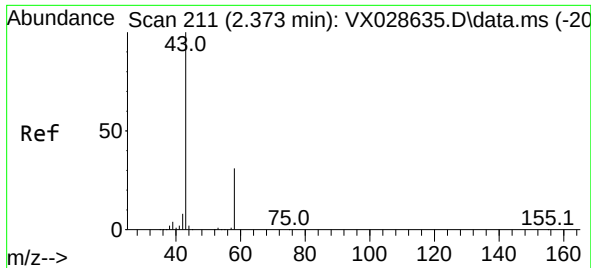
Tgt Ion:101 Resp: 1718
Ion Ratio Lower Upper
101 100
85 40.4 33.5 50.3
151 79.7 61.8 92.6



#11
Tert butyl alcohol
Concen: 6.088 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.011 min
Lab File: VX028997.D
Acq: 26 May 2022 14:29

Tgt Ion: 59 Resp: 13520
Ion Ratio Lower Upper
59 100
57 0.6 8.3 12.5#

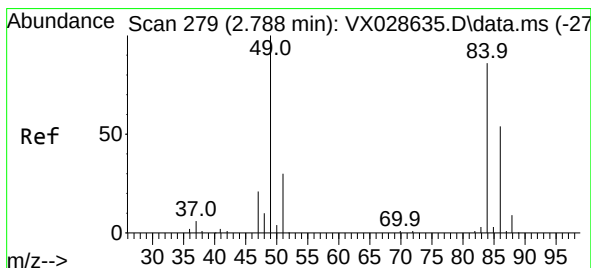
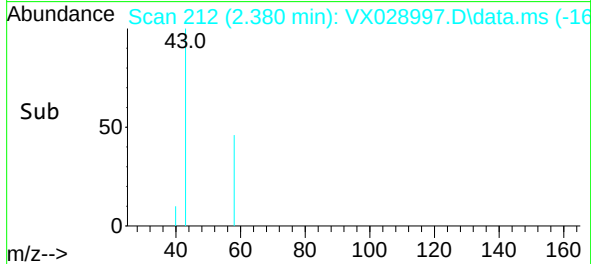
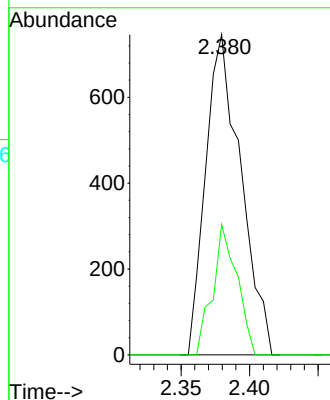
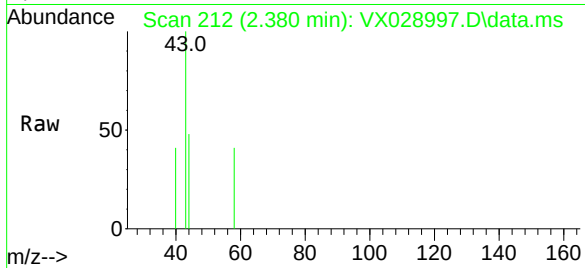




#16
Acetone
Concen: 0.675 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028997.D
Acq: 26 May 2022 14:29

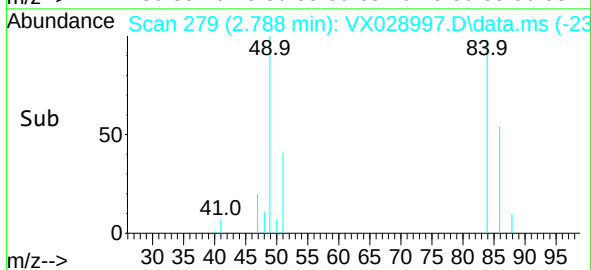
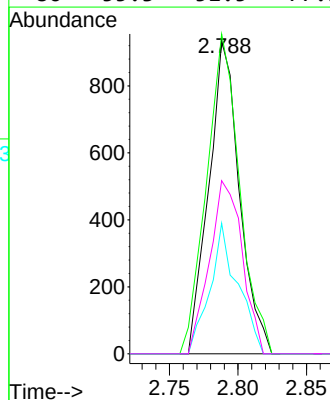
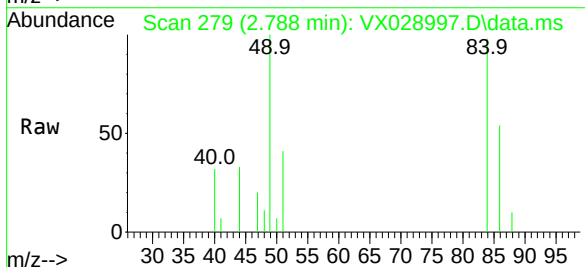
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220520DL

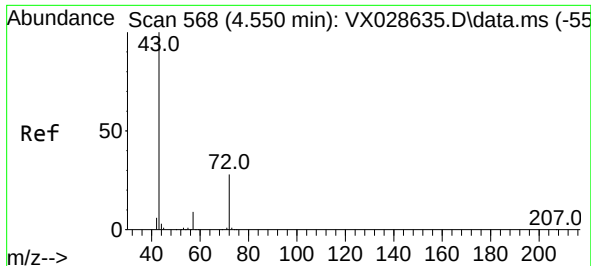
Tgt Ion: 43 Resp: 1330
Ion Ratio Lower Upper
43 100
58 40.8 28.8 43.2



#20
Methylene Chloride
Concen: 0.351 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028997.D
Acq: 26 May 2022 14:29

Tgt Ion: 84 Resp: 1452
Ion Ratio Lower Upper
84 100
49 102.1 85.5 128.3
51 41.7 26.6 39.8#
86 55.3 51.5 77.3

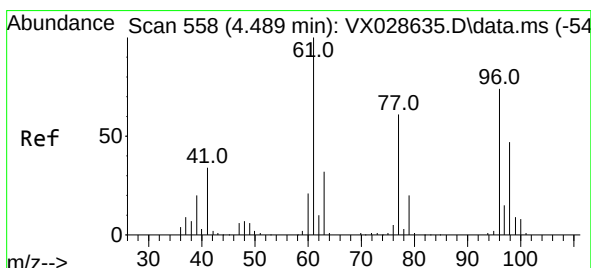
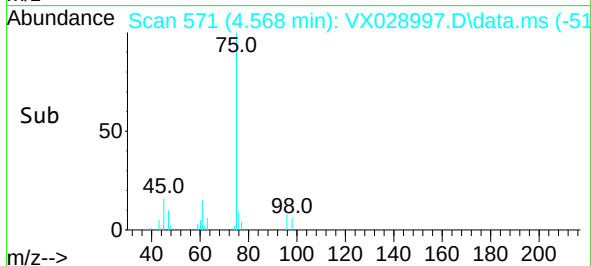
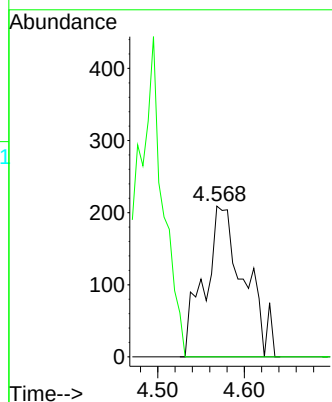
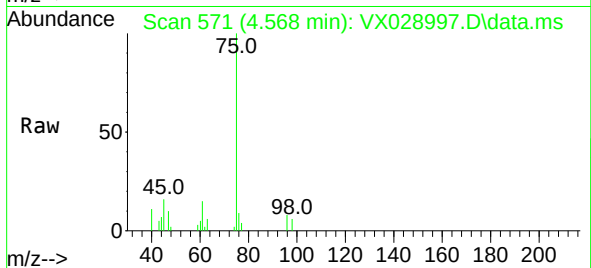




#25
2-Butanone
Concen: 0.214 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX028997.D
Acq: 26 May 2022 14:29

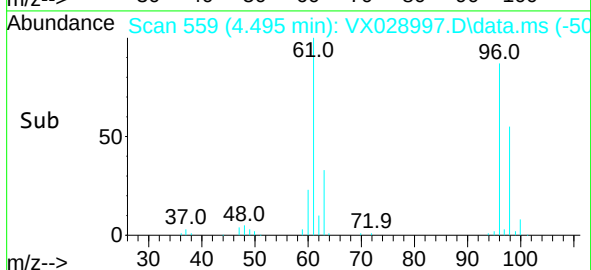
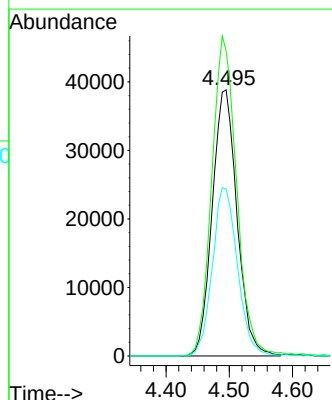
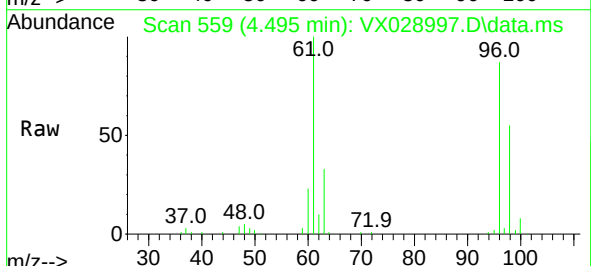
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220520DL

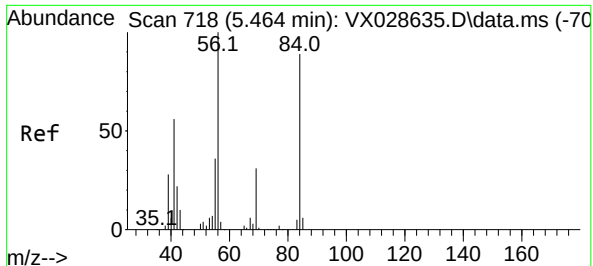
Tgt Ion: 43 Resp: 662
Ion Ratio Lower Upper
43 100
72 0.0 24.4 36.6#



#27
cis-1,2-Dichloroethene
Concen: 23.233 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX028997.D
Acq: 26 May 2022 14:29

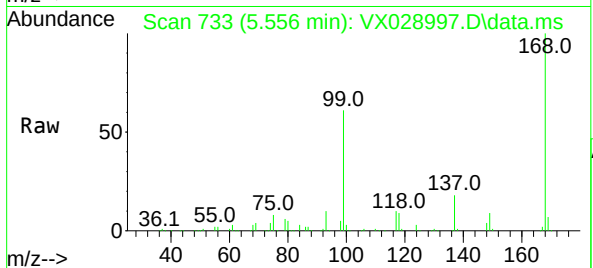
Tgt Ion: 96 Resp: 105973
Ion Ratio Lower Upper
96 100
61 120.9 0.0 283.8
98 63.8 0.0 129.8



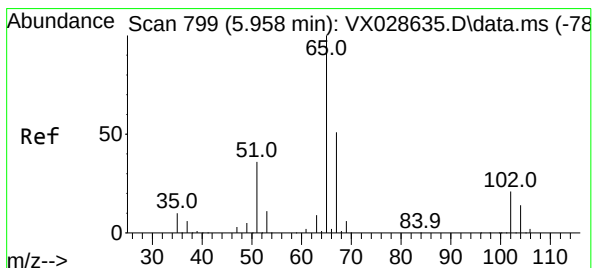
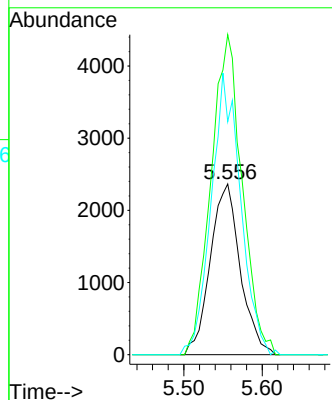
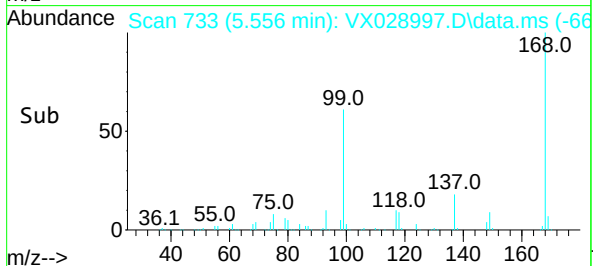


#31
Cyclohexane
Concen: 0.988 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX028997.D
Acq: 26 May 2022 14:29

Instrument :
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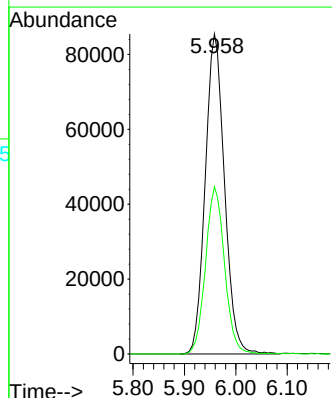
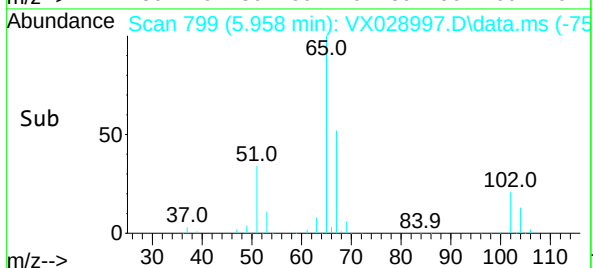
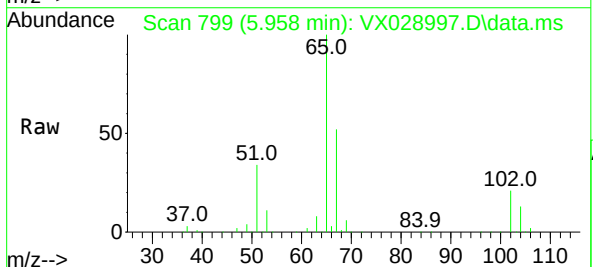


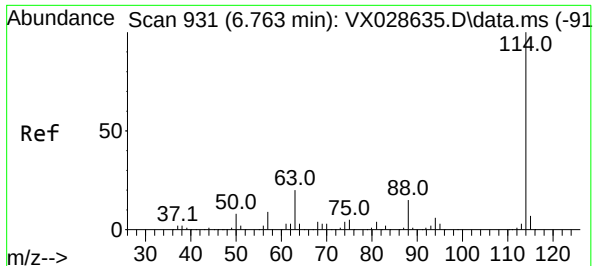
Tgt Ion: 56 Resp: 6296
Ion Ratio Lower Upper
56 100
69 187.5 26.7 40.1#
84 136.5 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 48.397 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028997.D
Acq: 26 May 2022 14:29

Tgt Ion: 65 Resp: 222249
Ion Ratio Lower Upper
65 100
67 51.6 0.0 107.4

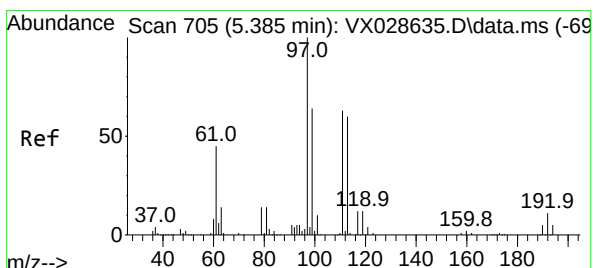
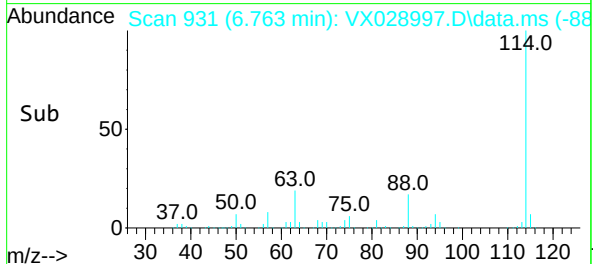
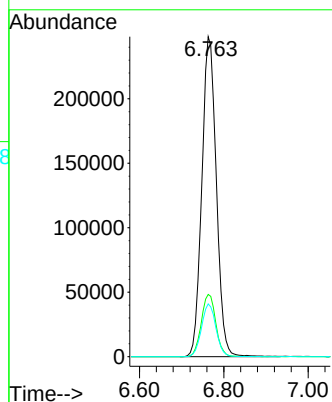
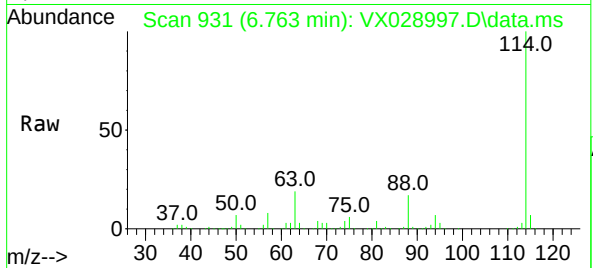




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028997.D
Acq: 26 May 2022 14:29

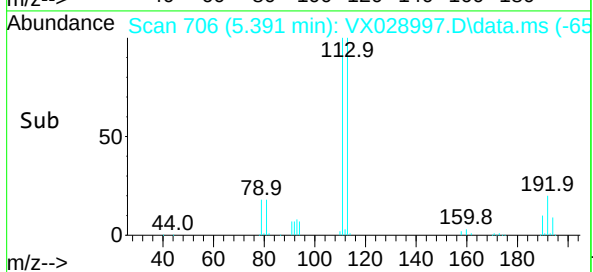
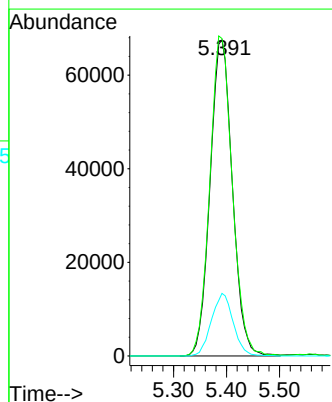
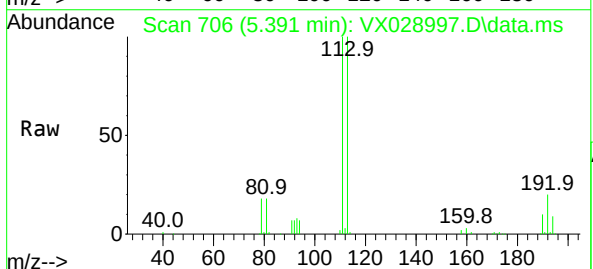
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220520DL

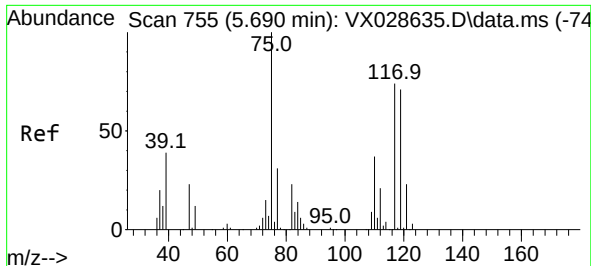
Tgt Ion:114 Resp: 595046
Ion Ratio Lower Upper
114 100
63 19.4 0.0 36.8
88 16.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.518 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028997.D
Acq: 26 May 2022 14:29

Tgt Ion:113 Resp: 196951
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 19.4 16.9 25.3

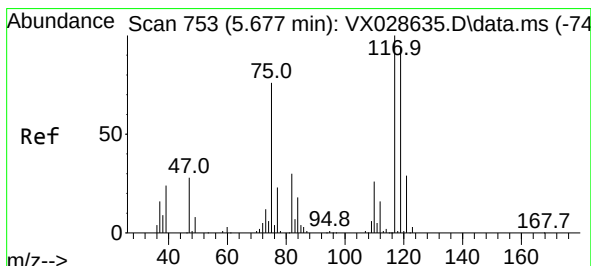
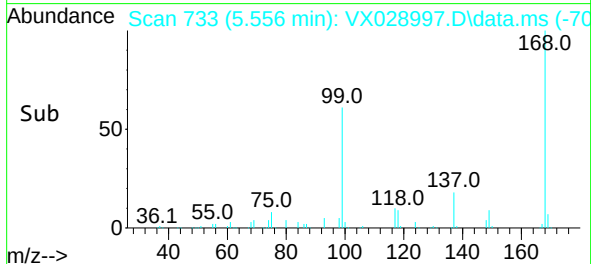
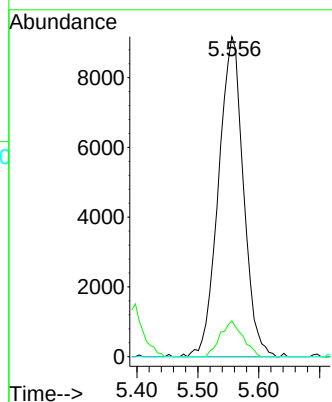
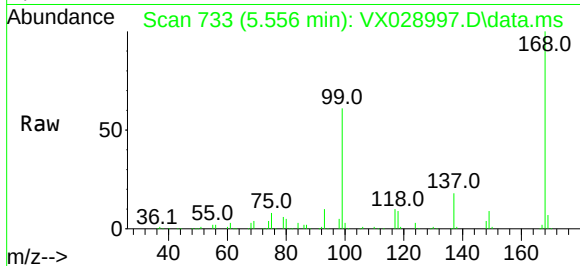




#36
1,1-Dichloropropene
Concen: 4.444 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX028997.D
Acq: 26 May 2022 14:29

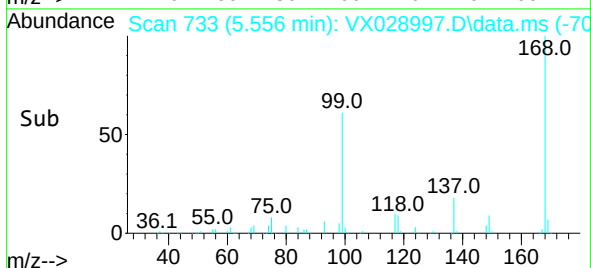
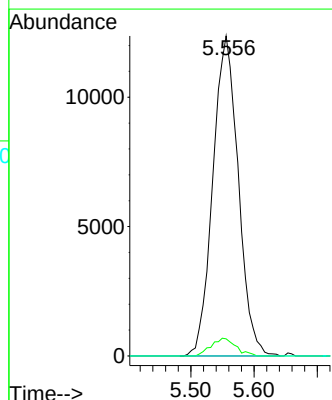
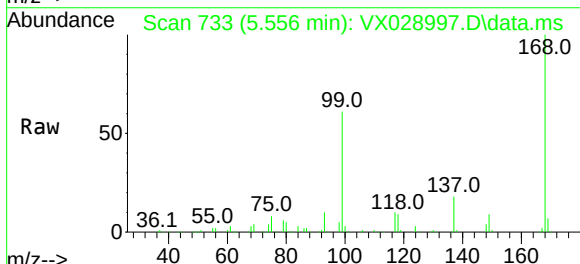
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220520DL

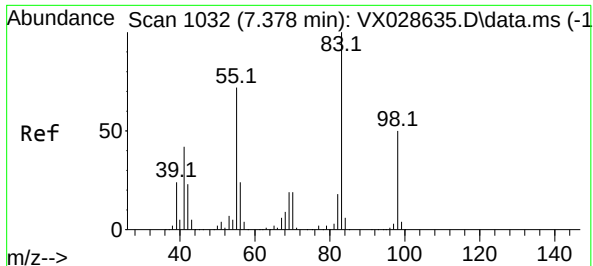
Tgt Ion: 75 Resp: 26025
Ion Ratio Lower Upper
75 100
110 10.1 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.860 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX028997.D
Acq: 26 May 2022 14:29

Tgt Ion: 117 Resp: 34533
Ion Ratio Lower Upper
117 100
119 5.4 77.3 115.9#
121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 0.654 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.255 min

Lab File: VX028997.D

Acq: 26 May 2022 14:29

Instrument :

MSVOA_X

ClientSampleId :

DUP02-20220520DL

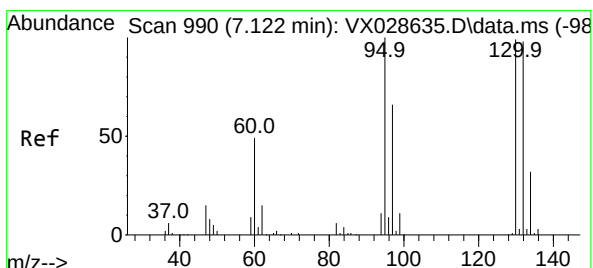
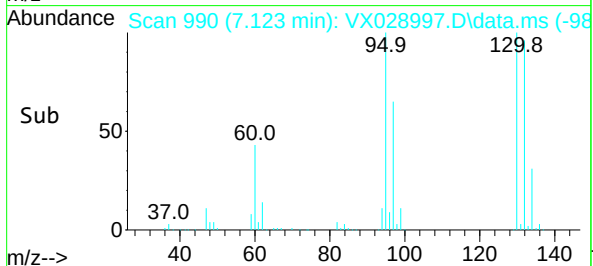
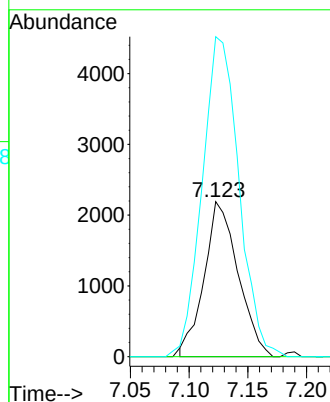
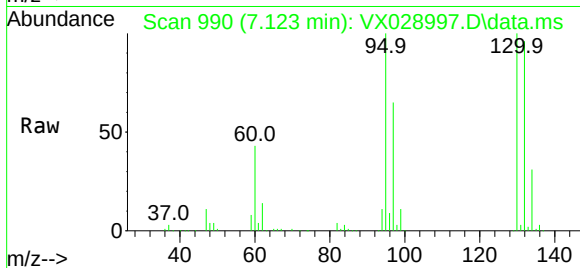
Tgt Ion: 83 Resp: 4393

Ion Ratio Lower Upper

83 100

55 0.0 54.6 81.8#

98 203.7 37.4 56.2#



#44

Trichloroethene

Concen: 85.737 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.007 min

Lab File: VX028997.D

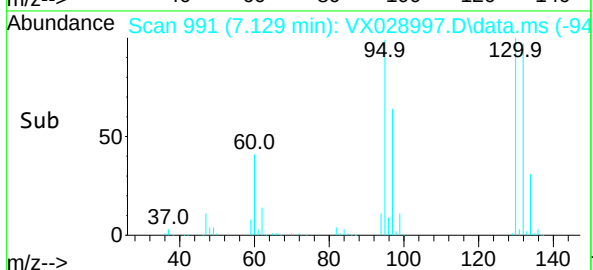
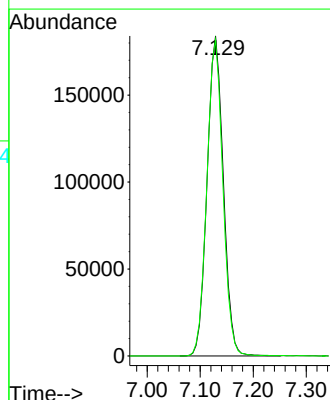
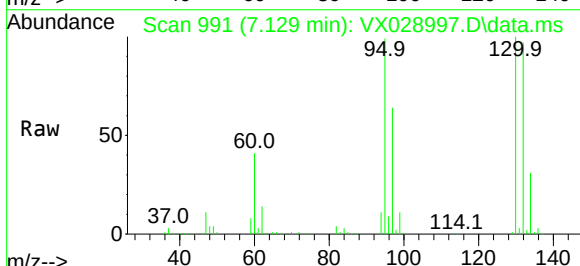
Acq: 26 May 2022 14:29

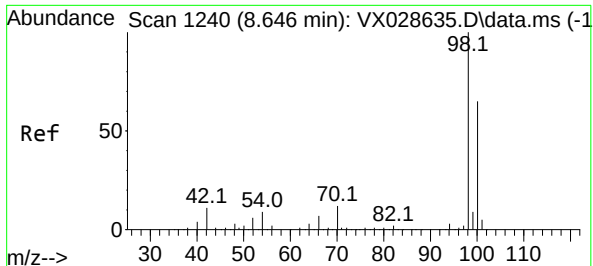
Tgt Ion:130 Resp: 391322

Ion Ratio Lower Upper

130 100

95 98.9 0.0 188.8

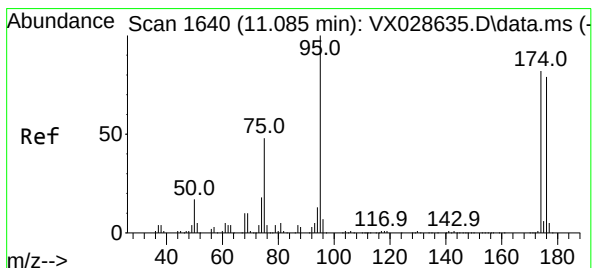
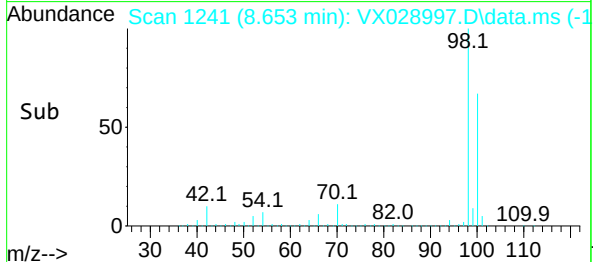
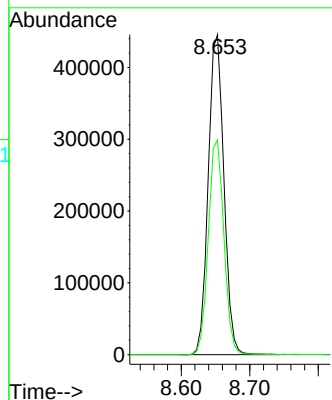
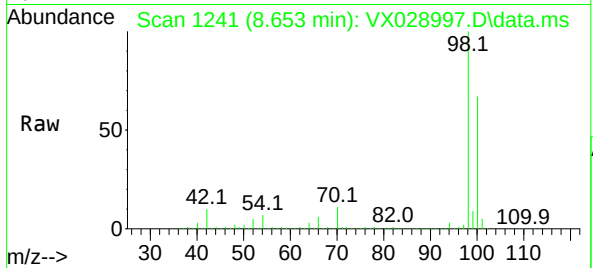




#50
Toluene-d8
Concen: 48.330 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028997.D
Acq: 26 May 2022 14:29

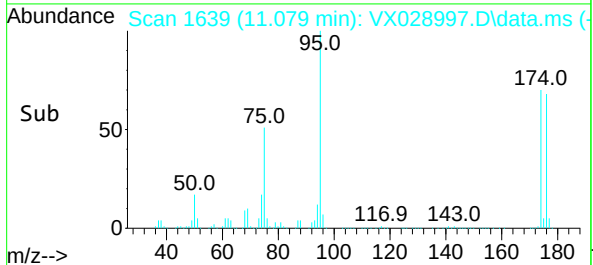
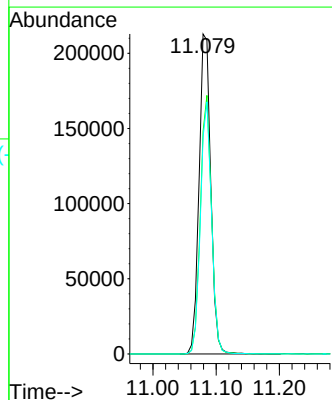
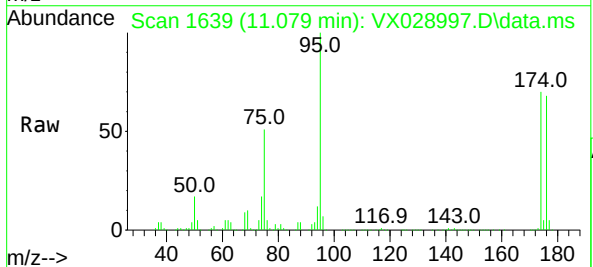
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220520DL

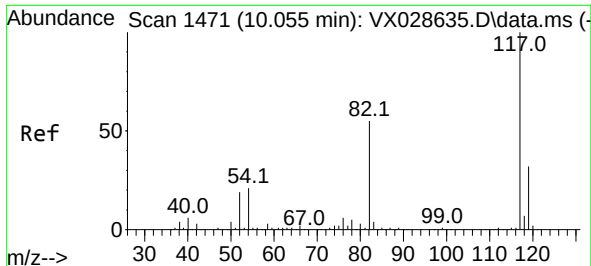
Tgt Ion: 98 Resp: 710387
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.022 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028997.D
Acq: 26 May 2022 14:29

Tgt Ion: 95 Resp: 274623
Ion Ratio Lower Upper
95 100
174 76.9 0.0 163.0
176 75.0 0.0 155.0

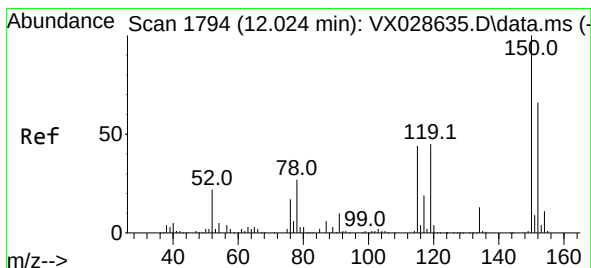
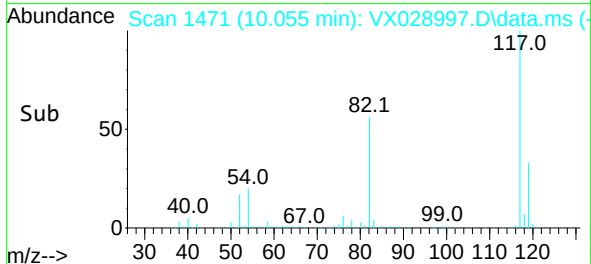
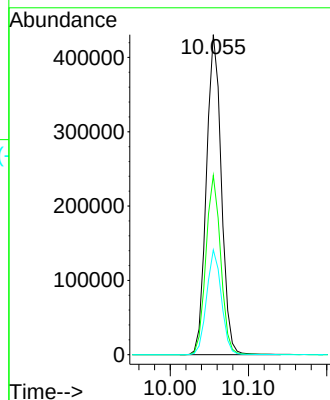
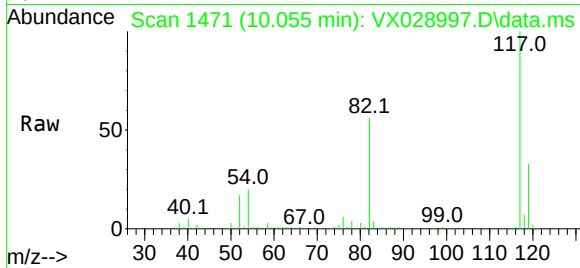




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028997.D
Acq: 26 May 2022 14:29

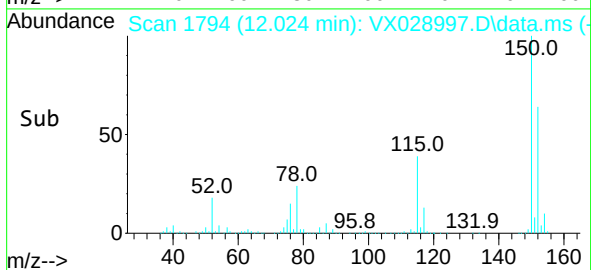
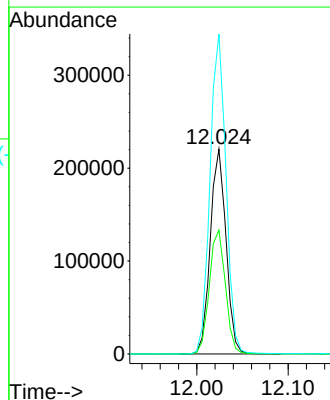
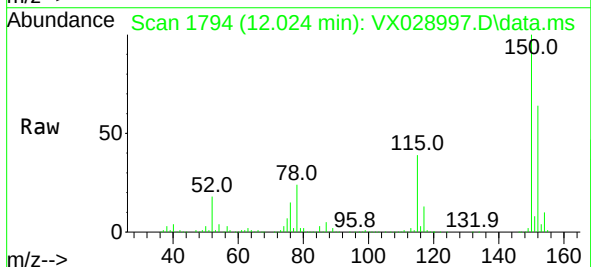
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220520DL

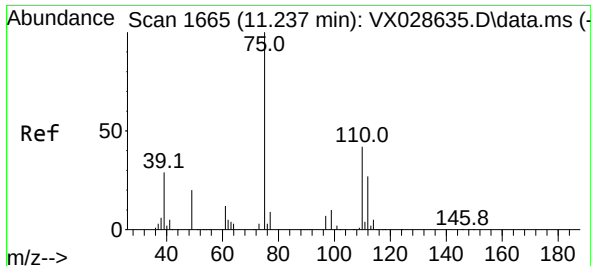
Tgt Ion:117 Resp: 568111
Ion Ratio Lower Upper
117 100
82 56.0 41.8 62.8
119 32.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028997.D
Acq: 26 May 2022 14:29

Tgt Ion:152 Resp: 263546
Ion Ratio Lower Upper
152 100
115 61.7 37.5 112.7
150 158.3 0.0 338.2

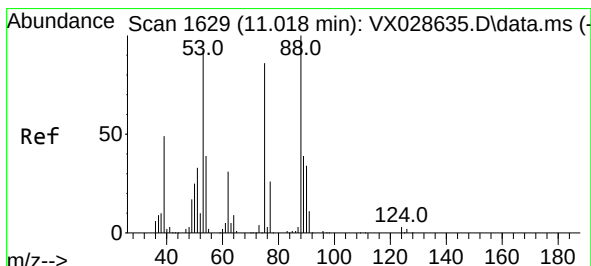
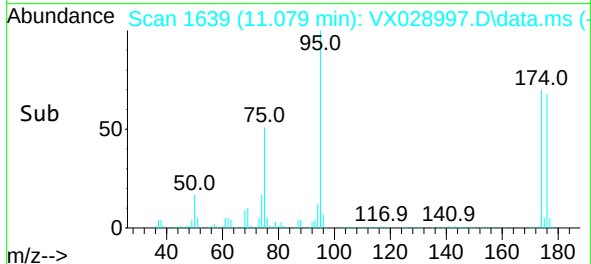
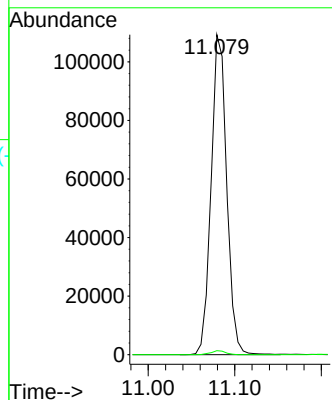
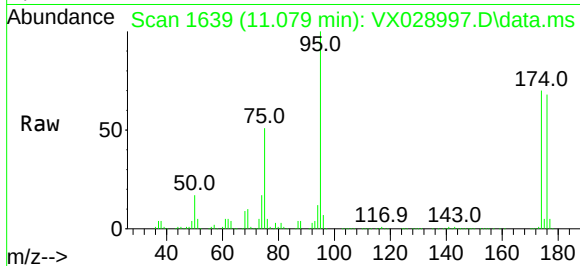




#76
1,2,3-Trichloropropane
Concen: 22.161 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028997.D
Acq: 26 May 2022 14:29

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220520DL

Tgt Ion: 75 Resp: 136775
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.863 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028997.D
Acq: 26 May 2022 14:29

Tgt Ion: 75 Resp: 136775
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

