

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030769.D
 Acq On : 25 Aug 2022 14:00
 Operator : JC/MD
 Sample : VX0825WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0825WBL01

Quant Time: Aug 26 02:39:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

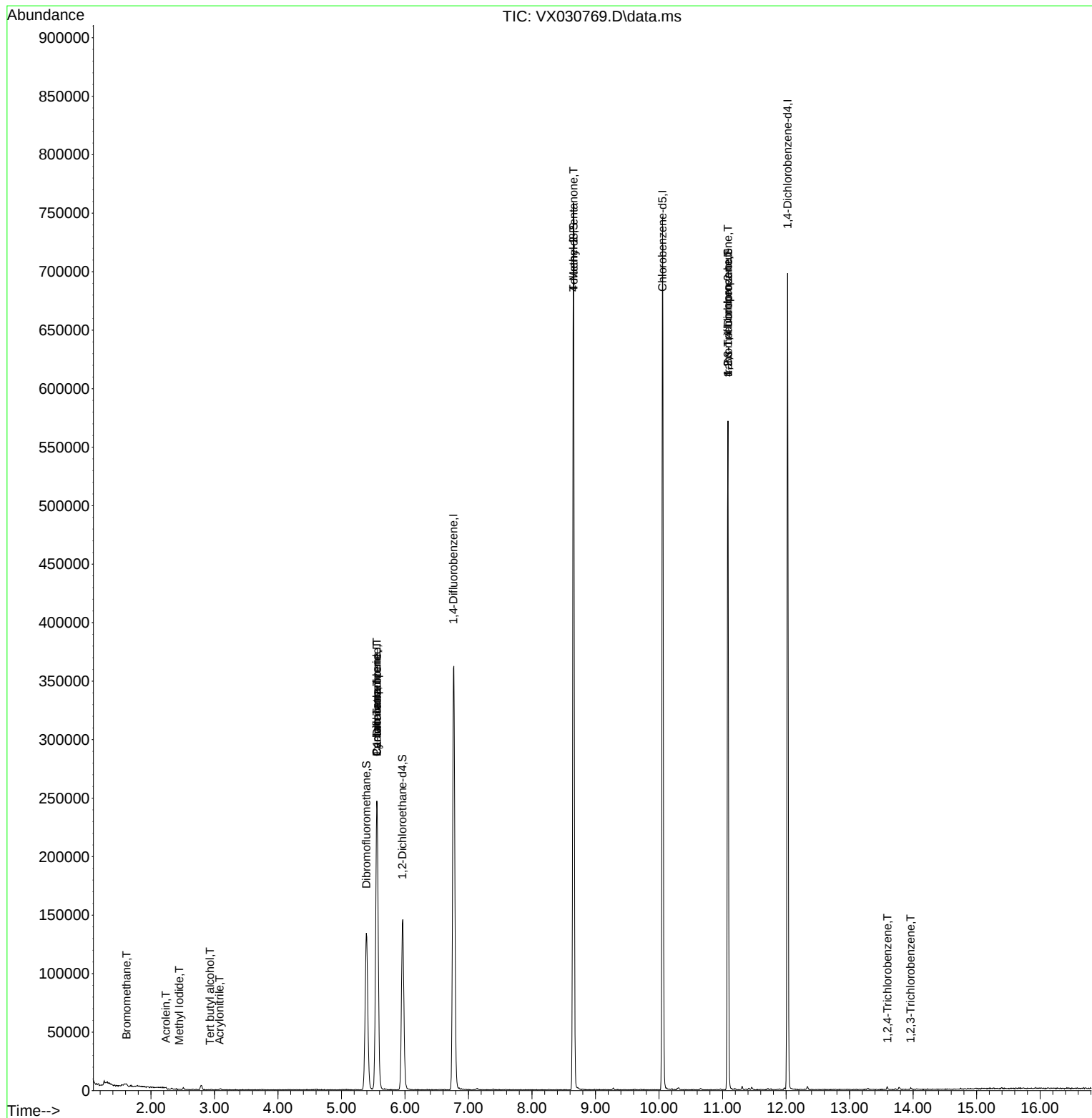
Internal Standards						
1) Pentafluorobenzene	5.556	168	238277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	389771	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	341268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	137791	49.162	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.320%
35) Dibromofluoromethane	5.391	113	120461	50.287	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.580%
50) Toluene-d8	8.653	98	455353	54.550	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.100%
62) 4-Bromofluorobenzene	11.085	95	152676	49.128	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.260%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	543	Below Cal	#	42
4) Vinyl Chloride	1.368	62	63	Below Cal	#	1
5) Bromomethane	1.618	94	556	0.501	ug/l	82
6) Chloroethane	1.685	64	335	Below Cal	#	41
10) Methyl Iodide	2.447	142	519	4.276	ug/l	# 73
11) Tert butyl alcohol	2.928	59	156	0.256	ug/l	# 74
13) Acrolein	2.233	56	41	10.125	ug/l	85
15) Acrylonitrile	3.081	53	390	0.261	ug/l	# 67
17) Carbon Disulfide	2.508	76	1759	Below Cal	#	77
20) Methylene Chloride	2.794	84	1893	Below Cal	#	92
31) Cyclohexane	5.556	56	5029	1.403	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	19148	5.870	ug/l	# 48
38) Carbon Tetrachloride	5.556	117	24609	7.152	ug/l	# 18
51) 4-Methyl-2-Pentanone	8.653	43	1853	0.472	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	74396	22.831	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	74396	73.663	ug/l	# 13
93) 1,2,4-Trichlorobenzene	13.597	180	707	0.232	ug/l	94
96) 1,2,3-Trichlorobenzene	13.963	180	661	0.205	ug/l	76

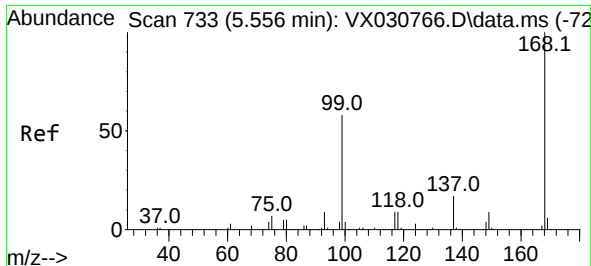
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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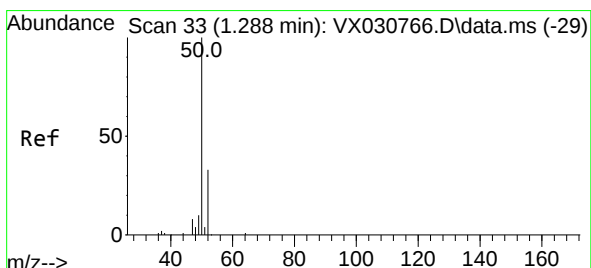
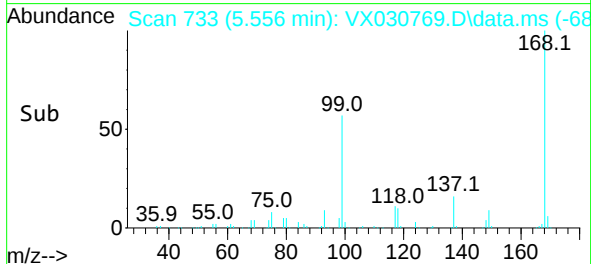
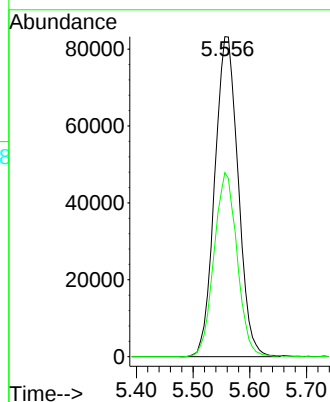
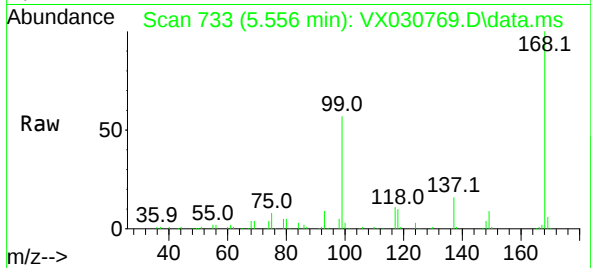




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030769.D
Acq: 25 Aug 2022 14:00

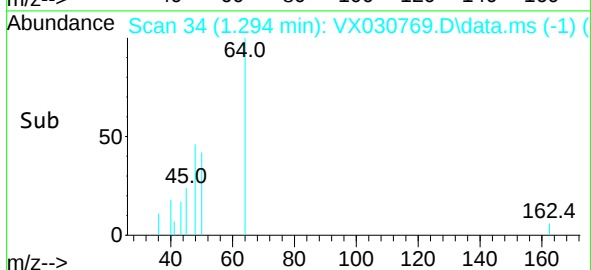
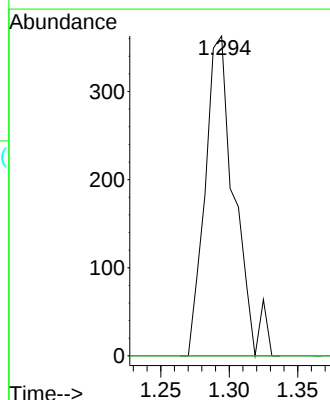
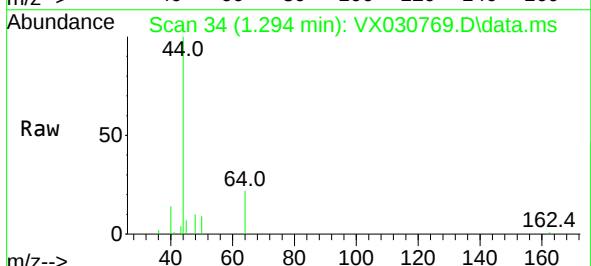
Instrument :
MSVOA_X
ClientSampleId :
VX0825WBL01

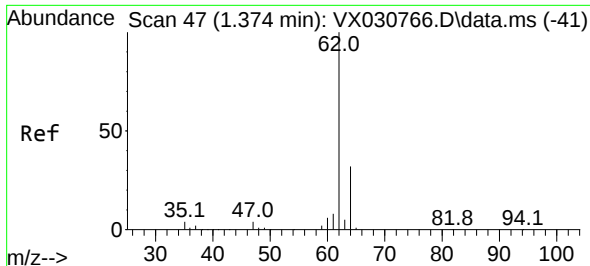
Tgt Ion:168 Resp: 238277
Ion Ratio Lower Upper
168 100
99 57.5 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030769.D
Acq: 25 Aug 2022 14:00

Tgt Ion: 50 Resp: 543
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5

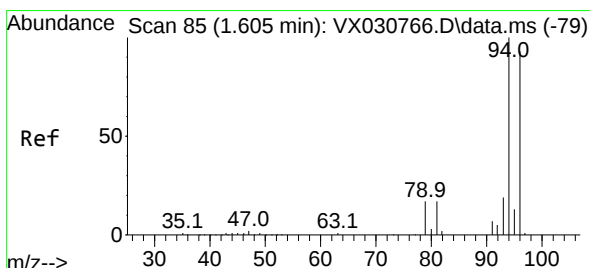
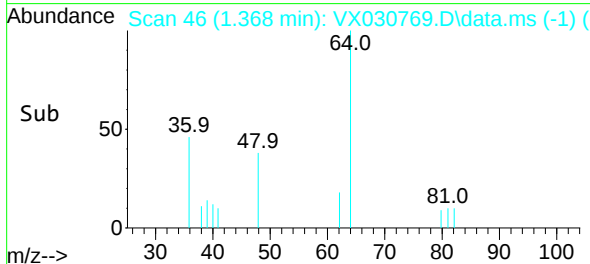
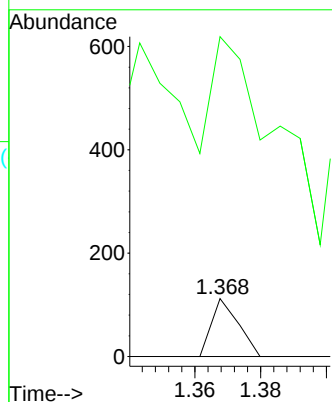
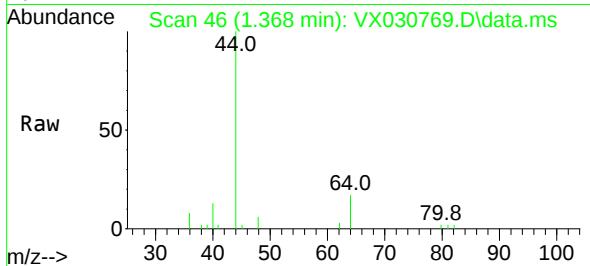




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 1.368 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX030769.D
 Acq: 25 Aug 2022 14:00

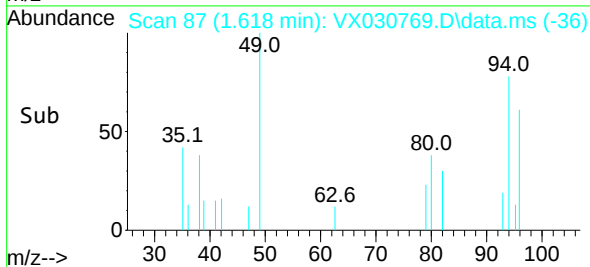
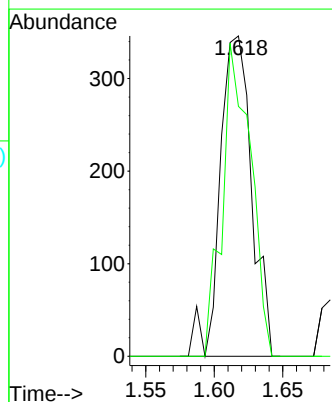
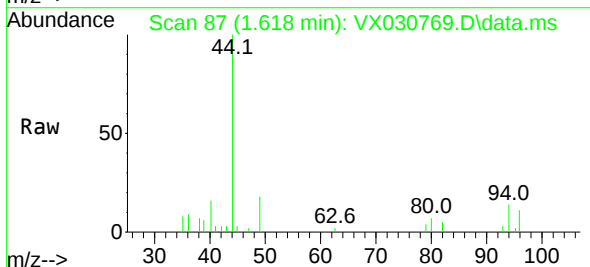
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0825WBL01

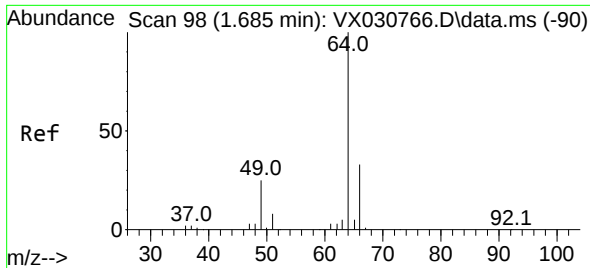
Tgt Ion: 62 Resp: 63
 Ion Ratio Lower Upper
 62 100
 64 154.5 25.2 37.8#



#5
 Bromomethane
 Concen: 0.501 ug/l
 RT: 1.618 min Scan# 87
 Delta R.T. 0.012 min
 Lab File: VX030769.D
 Acq: 25 Aug 2022 14:00

Tgt Ion: 94 Resp: 556
 Ion Ratio Lower Upper
 94 100
 96 78.0 76.9 115.3

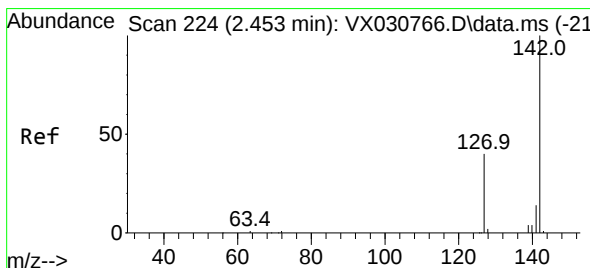
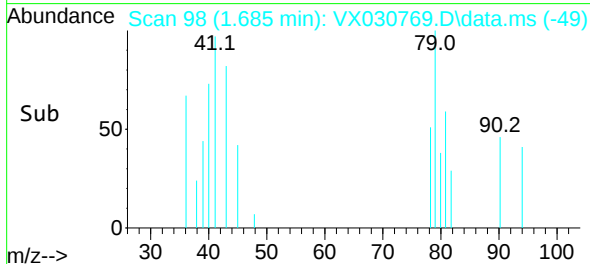
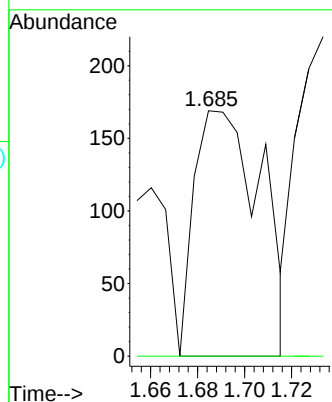
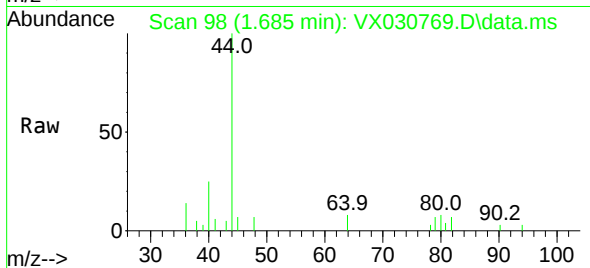




#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX030769.D
Acq: 25 Aug 2022 14:00

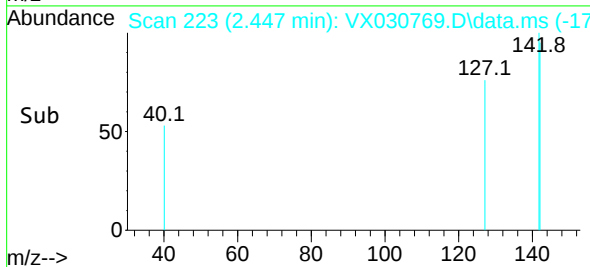
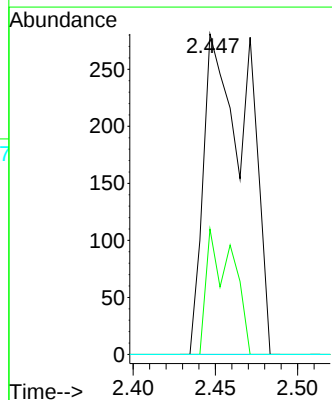
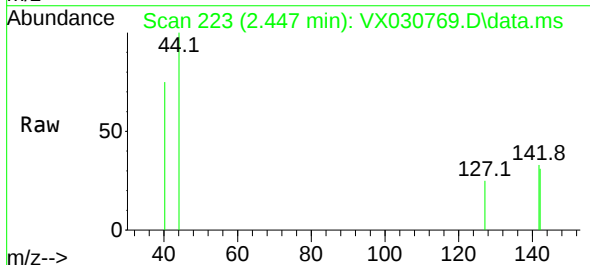
Instrument :
MSVOA_X
ClientSampleId :
VX0825WBL01

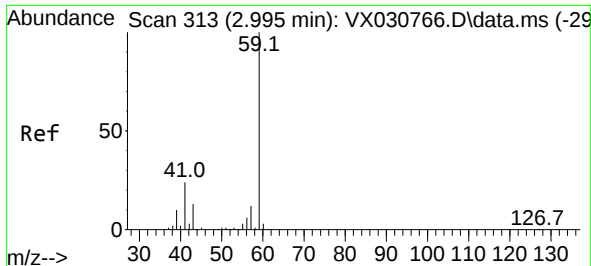
Tgt Ion: 64 Resp: 335
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#10
Methyl Iodide
Concen: 4.276 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX030769.D
Acq: 25 Aug 2022 14:00

Tgt Ion: 142 Resp: 519
Ion Ratio Lower Upper
142 100
127 23.1 30.2 45.2#
141 0.0 11.3 16.9#

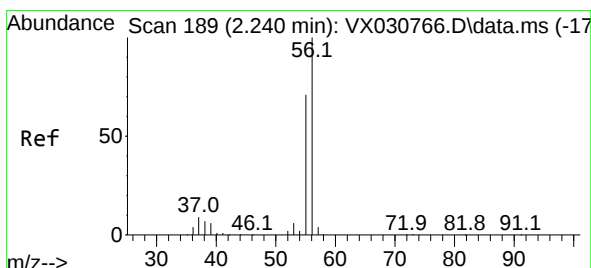
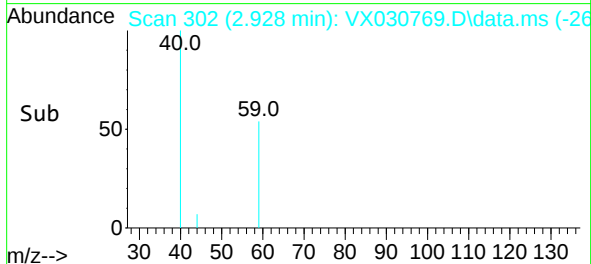
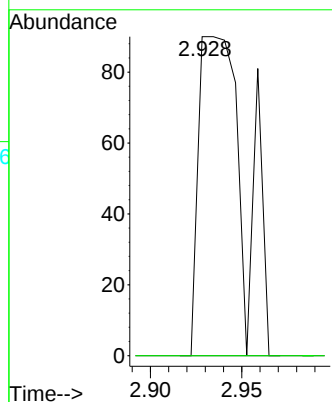
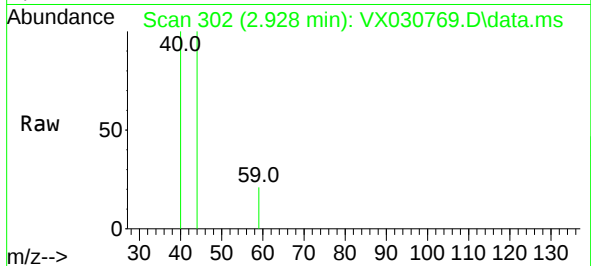




#11
Tert butyl alcohol
Concen: 0.256 ug/l
RT: 2.928 min Scan# 30
Delta R.T. -0.067 min
Lab File: VX030769.D
Acq: 25 Aug 2022 14:00

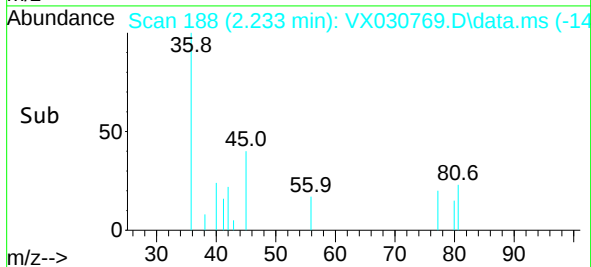
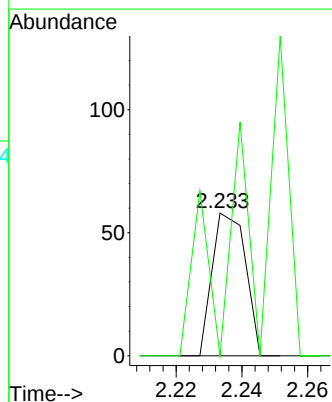
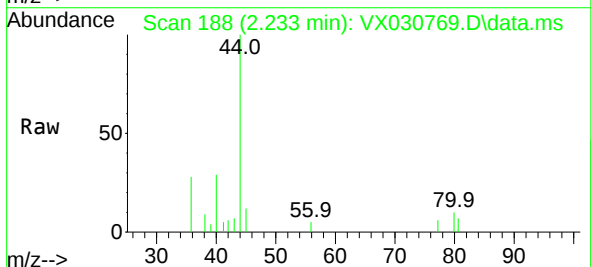
Instrument :
MSVOA_X
ClientSampleId :
VX0825WBL01

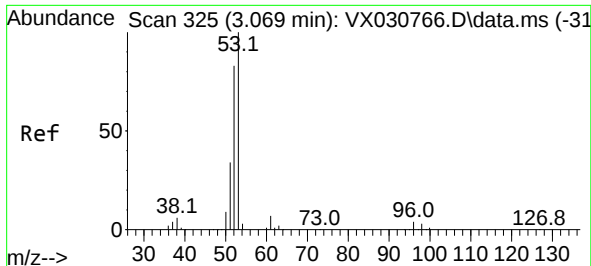
Tgt Ion: 59 Resp: 156
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#13
Acrolein
Concen: 10.125 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.007 min
Lab File: VX030769.D
Acq: 25 Aug 2022 14:00

Tgt Ion: 56 Resp: 41
Ion Ratio Lower Upper
56 100
55 58.5 56.6 84.8





#15

Acrylonitrile

Concen: 0.261 ug/l

RT: 3.081 min Scan# 31

Delta R.T. 0.012 min

Lab File: VX030769.D

Acq: 25 Aug 2022 14:00

Instrument :

MSVOA_X

ClientSampleId :

VX0825WBL01

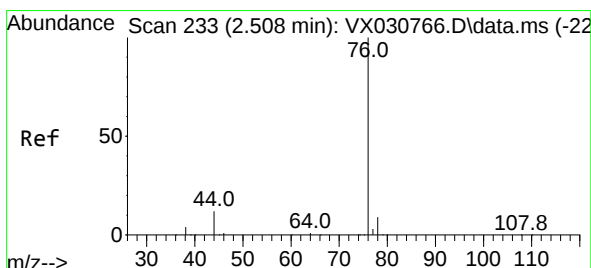
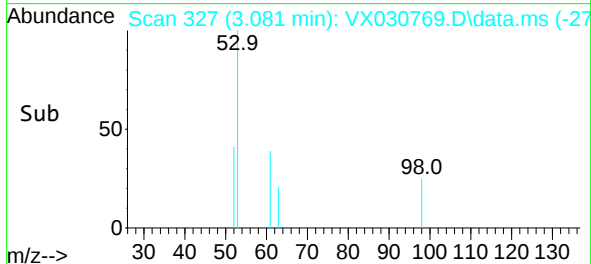
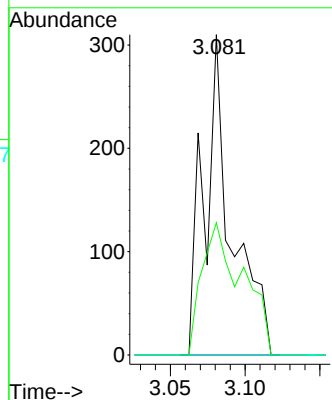
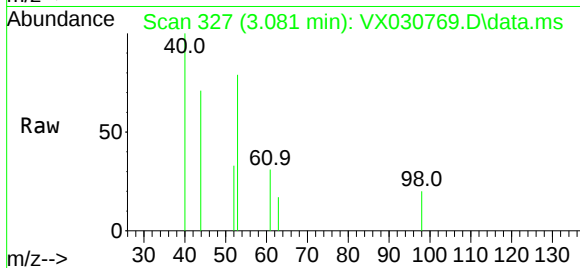
Tgt Ion: 53 Resp: 390

Ion Ratio Lower Upper

53 100

52 61.8 65.4 98.0#

51 0.0 27.7 41.5#



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.508 min Scan# 233

Delta R.T. -0.000 min

Lab File: VX030769.D

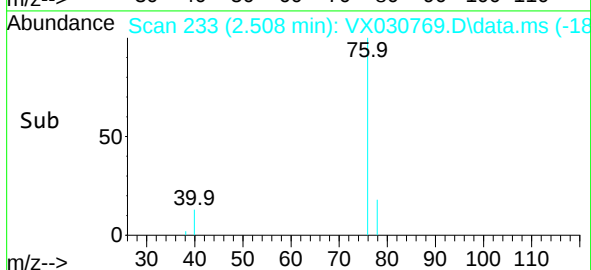
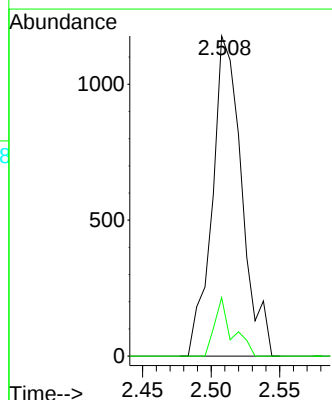
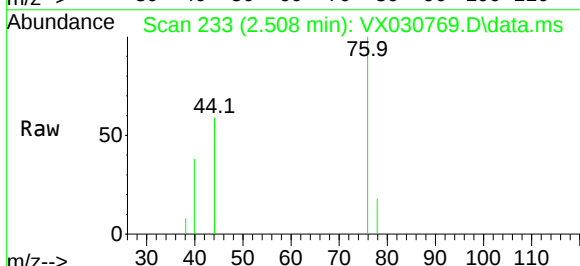
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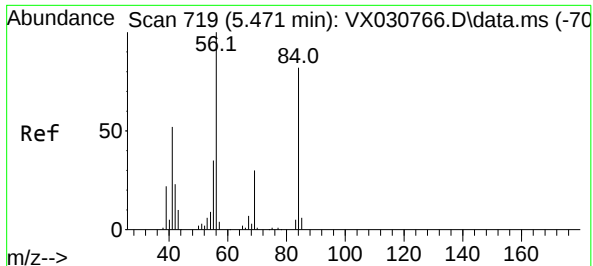
Tgt Ion: 76 Resp: 1759

Ion Ratio Lower Upper

76 100

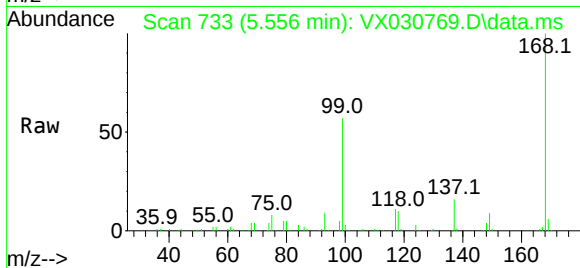
78 18.3 7.8 11.6#



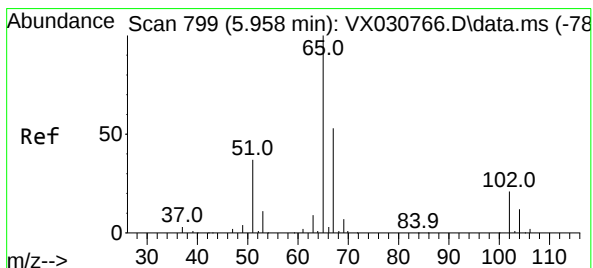
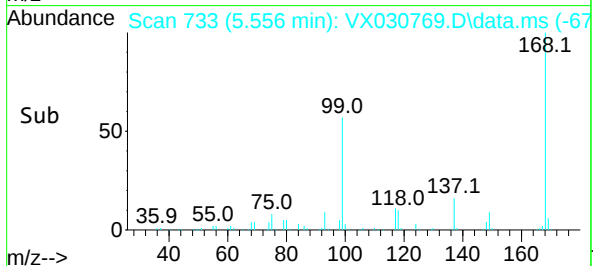
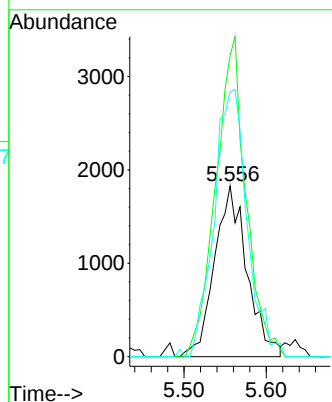


#31
Cyclohexane
Concen: 1.403 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX030769.D
Acq: 25 Aug 2022 14:00

Instrument :
MSVOA_X
ClientSampleId :
VX0825WBL01

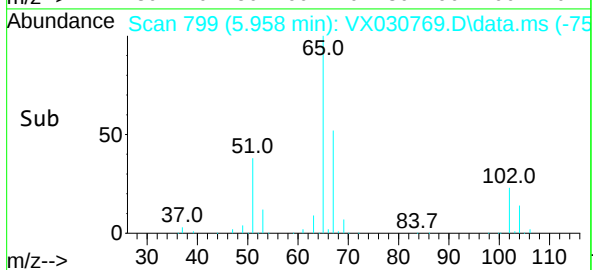
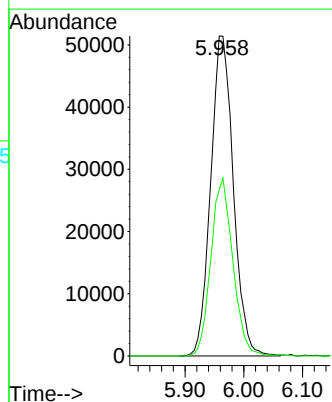
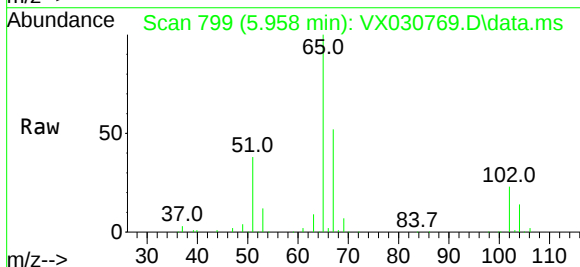


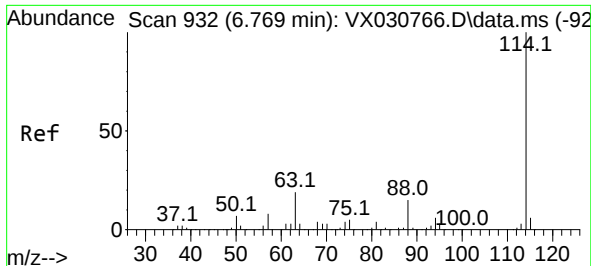
Tgt Ion: 56 Resp: 5029
Ion Ratio Lower Upper
56 100
69 176.5 25.4 38.0#
84 150.5 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 49.162 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX030769.D
Acq: 25 Aug 2022 14:00

Tgt Ion: 65 Resp: 137791
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.6

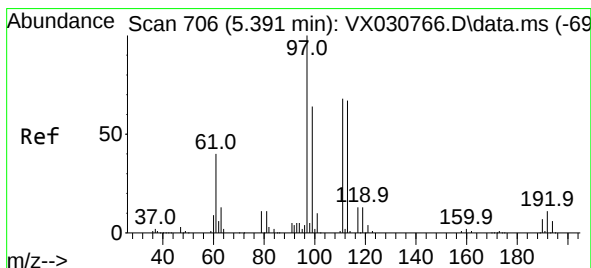
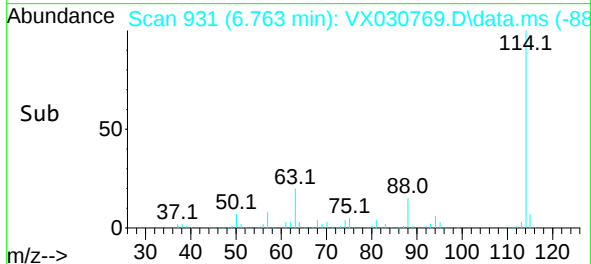
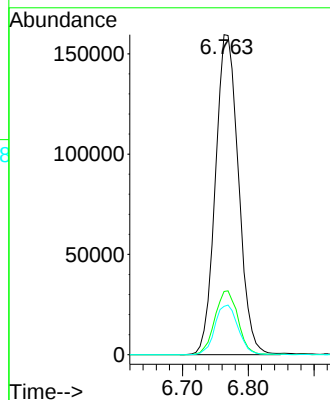
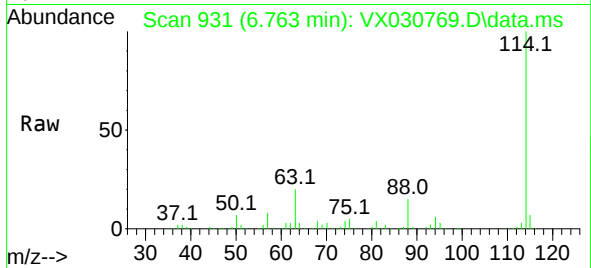




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX030769.D
Acq: 25 Aug 2022 14:00

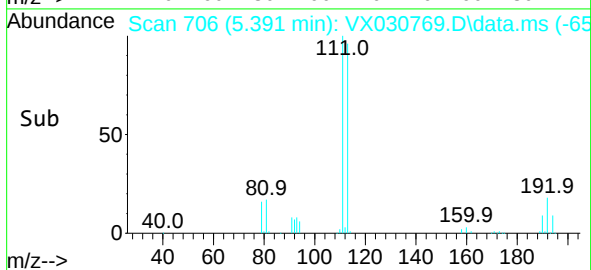
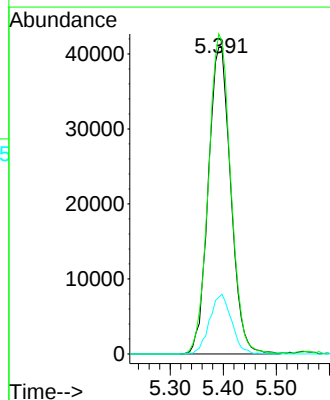
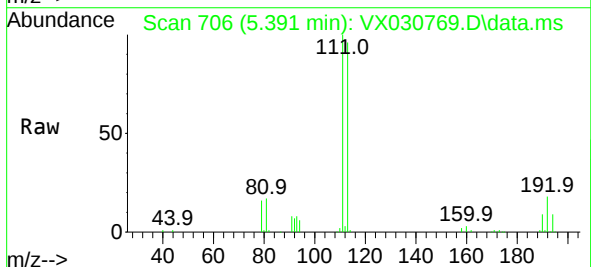
Instrument :
MSVOA_X
ClientSampleId :
VX0825WBL01

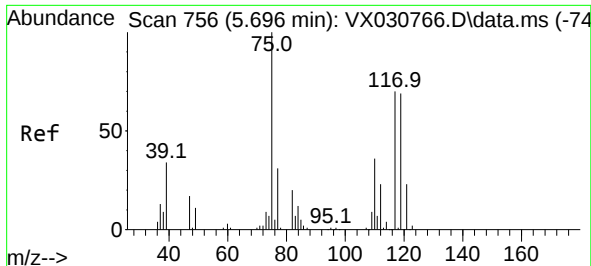
Tgt Ion:114 Resp: 389771
Ion Ratio Lower Upper
114 100
63 19.7 0.0 38.4
88 15.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.287 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030769.D
Acq: 25 Aug 2022 14:00

Tgt Ion:113 Resp: 120461
Ion Ratio Lower Upper
113 100
111 103.8 83.2 124.8
192 19.0 14.8 22.2

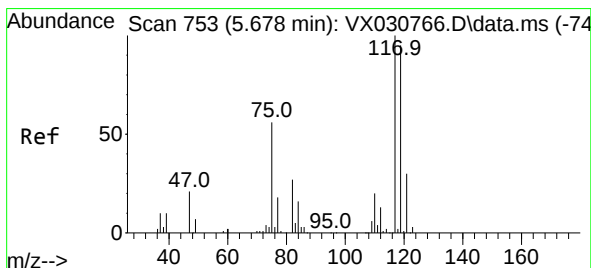
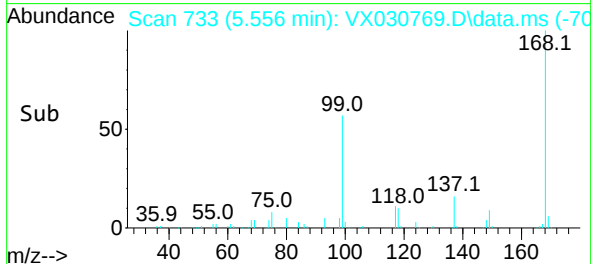
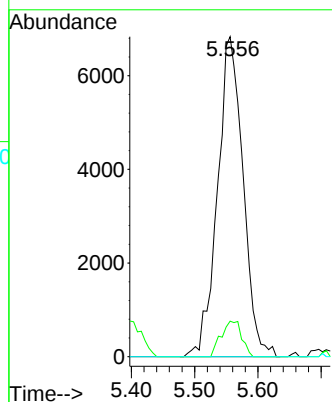
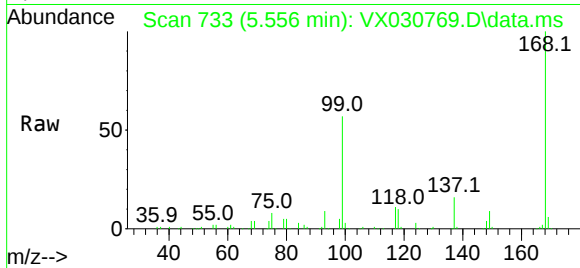




#36
1,1-Dichloropropene
Concen: 5.870 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX030769.D
Acq: 25 Aug 2022 14:00

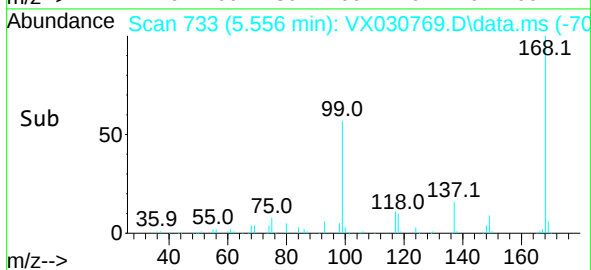
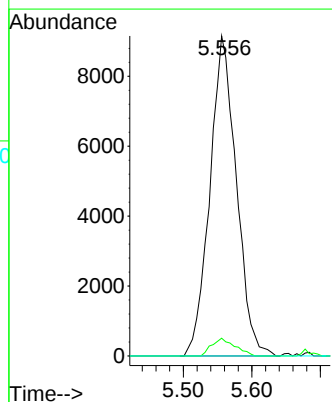
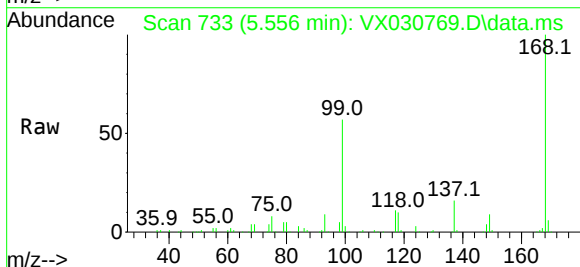
Instrument :
MSVOA_X
ClientSampleId :
VX0825WBL01

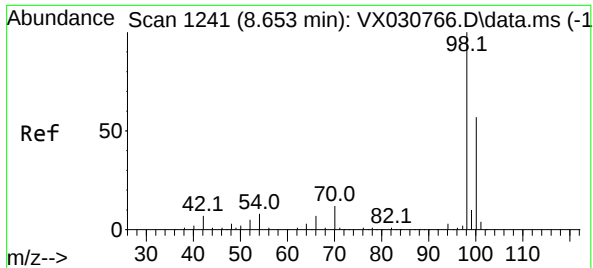
Tgt Ion: 75 Resp: 19148
Ion Ratio Lower Upper
75 100
110 9.0 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.152 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX030769.D
Acq: 25 Aug 2022 14:00

Tgt Ion: 117 Resp: 24609
Ion Ratio Lower Upper
117 100
119 5.6 74.1 111.1#
121 0.0 25.8 38.8#

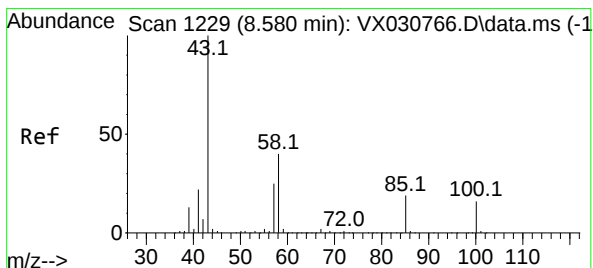
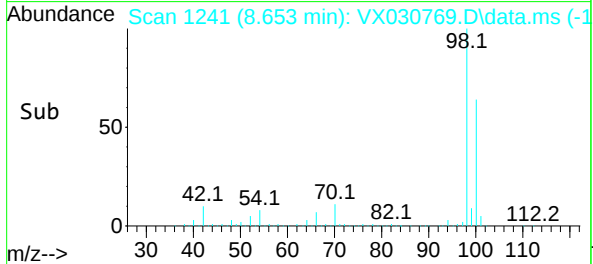
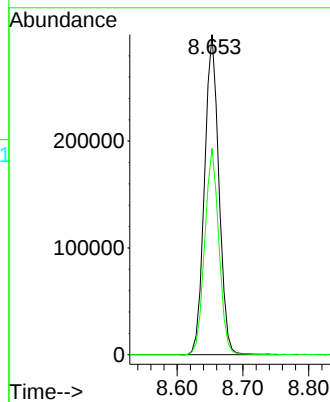
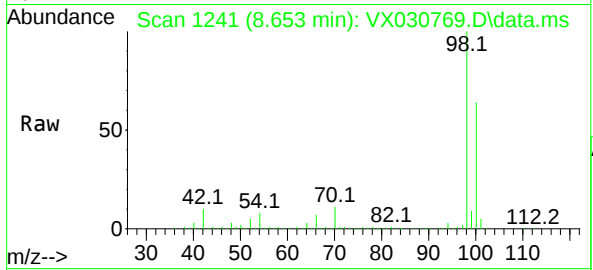




#50
Toluene-d8
Concen: 54.550 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030769.D
Acq: 25 Aug 2022 14:00

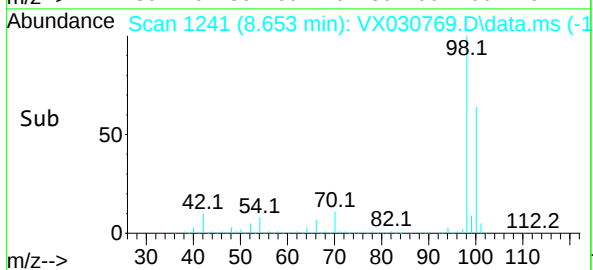
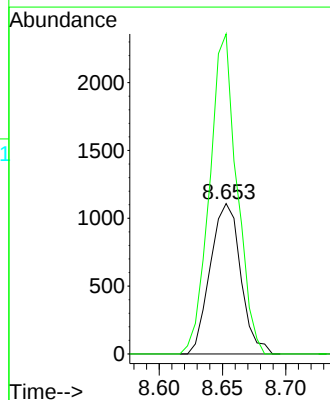
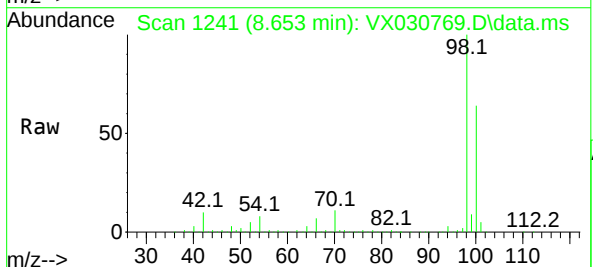
Instrument :
MSVOA_X
ClientSampleId :
VX0825WBL01

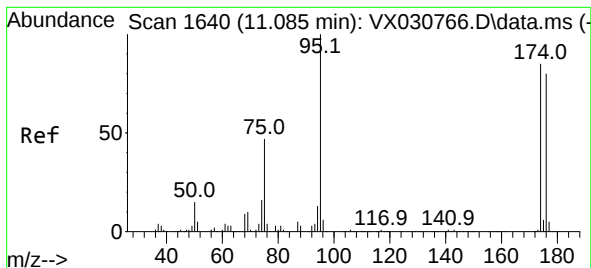
Tgt Ion: 98 Resp: 455353
Ion Ratio Lower Upper
98 100
100 63.7 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.472 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX030769.D
Acq: 25 Aug 2022 14:00

Tgt Ion: 43 Resp: 1853
Ion Ratio Lower Upper
43 100
58 191.7 31.4 47.2#

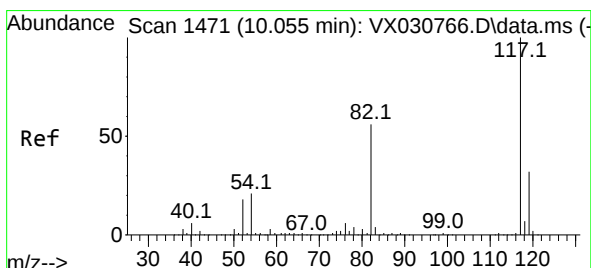
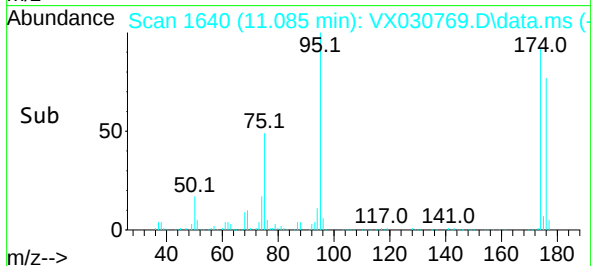
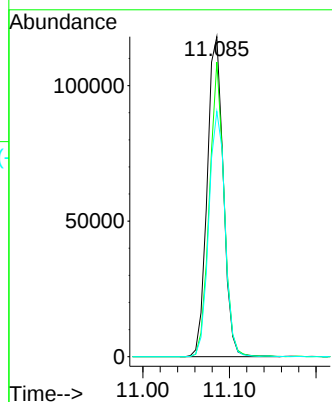
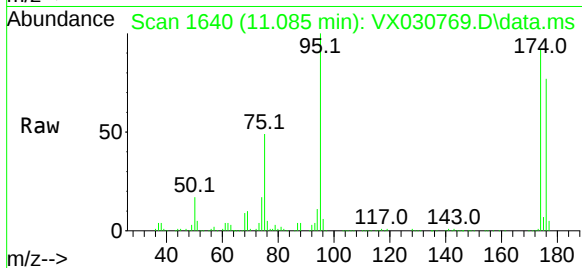




#62
4-Bromofluorobenzene
Concen: 49.128 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030769.D
Acq: 25 Aug 2022 14:00

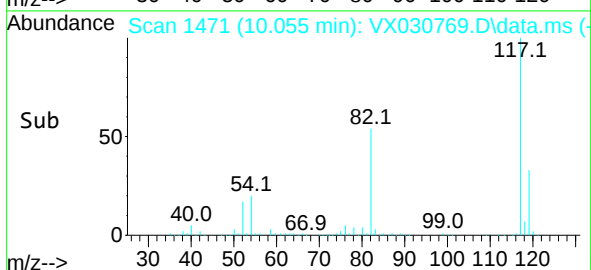
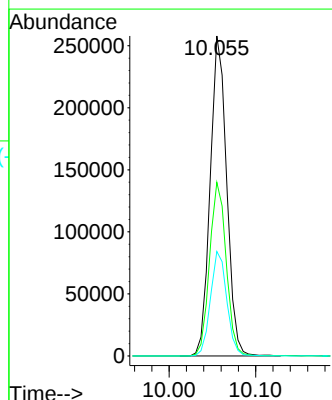
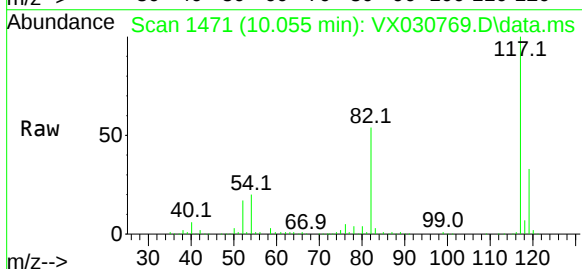
Instrument :
MSVOA_X
ClientSampleId :
VX0825WBL01

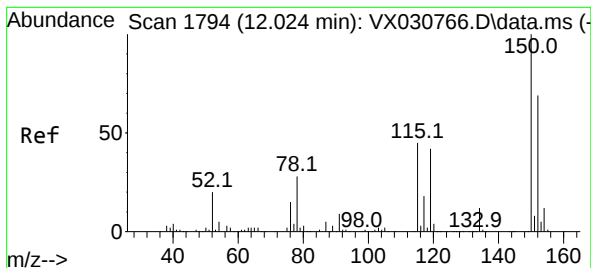
Tgt Ion: 95 Resp: 152676
Ion Ratio Lower Upper
95 100
174 83.6 0.0 149.0
176 76.7 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030769.D
Acq: 25 Aug 2022 14:00

Tgt Ion: 117 Resp: 341268
Ion Ratio Lower Upper
117 100
82 54.3 42.7 64.1
119 32.7 25.4 38.2

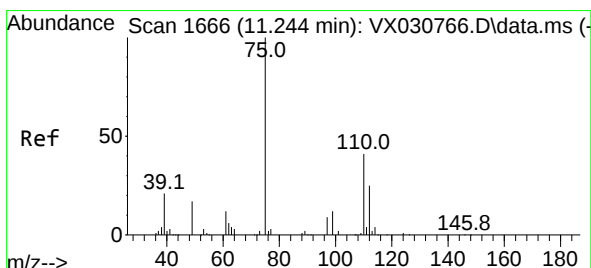
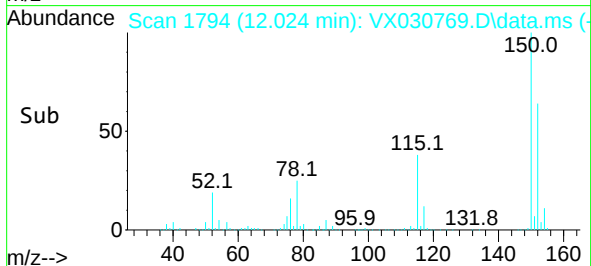
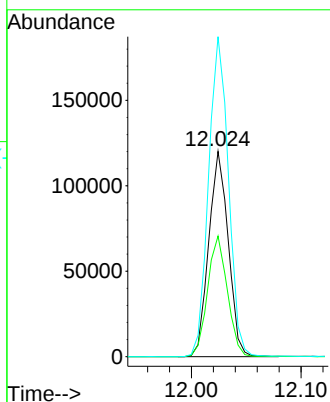
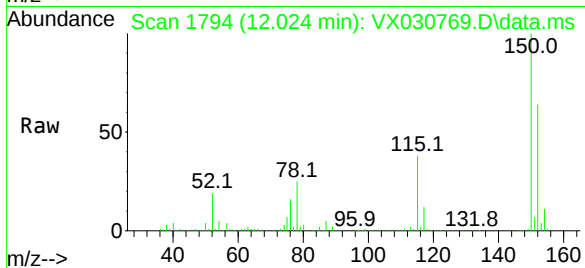




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030769.D
 Acq: 25 Aug 2022 14:00

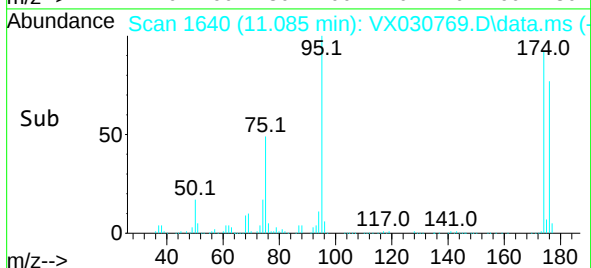
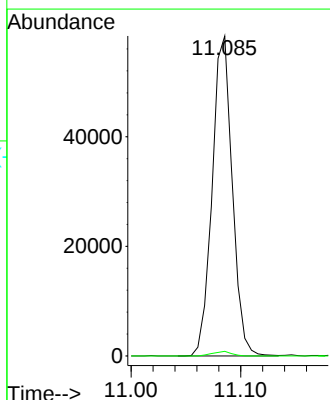
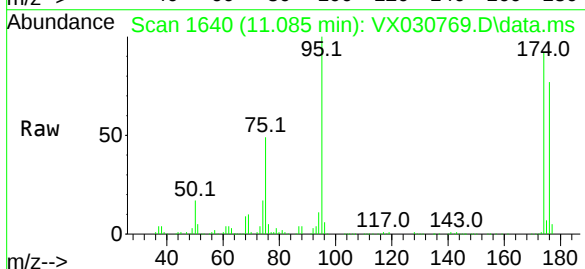
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0825WBL01

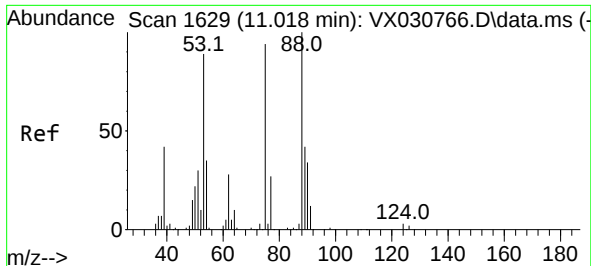
Tgt Ion:152 Resp: 148733
 Ion Ratio Lower Upper
 152 100
 115 59.5 40.5 121.5
 150 159.2 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 22.831 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX030769.D
 Acq: 25 Aug 2022 14:00

Tgt Ion: 75 Resp: 74396
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.8 59.3#

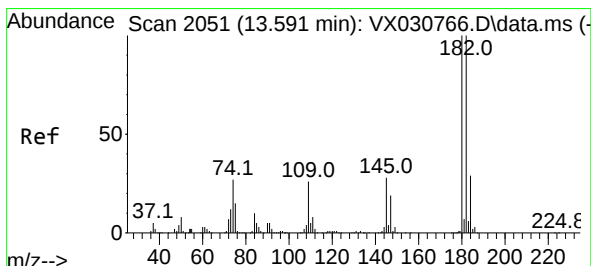
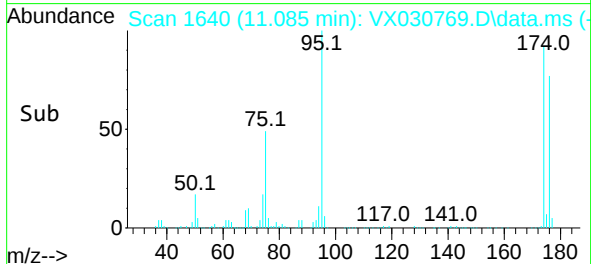
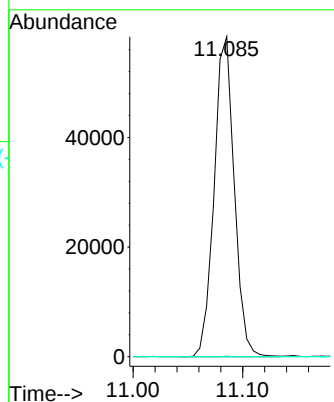
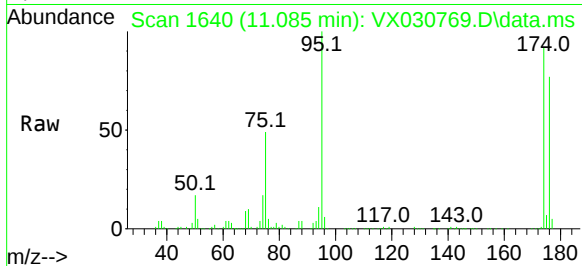




#81
trans-1,4-Dichloro-2-butene
Concen: 73.663 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX030769.D
Acq: 25 Aug 2022 14:00

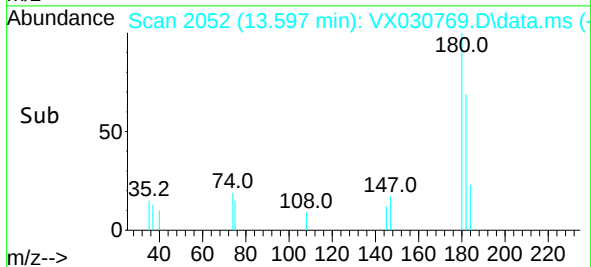
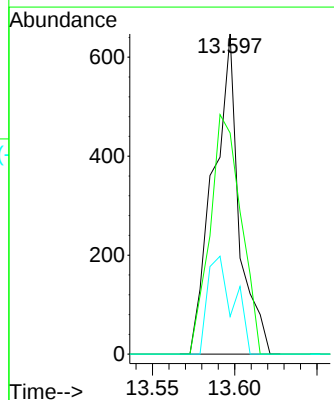
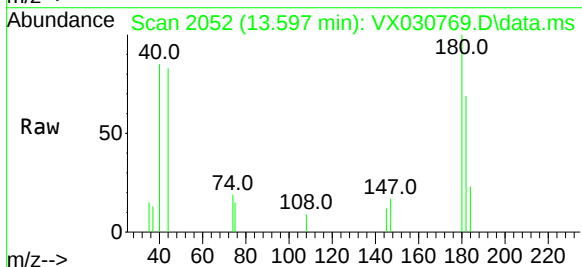
Instrument :
MSVOA_X
ClientSampleId :
VX0825WBL01

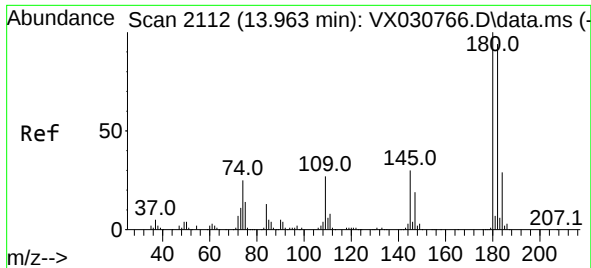
Tgt Ion: 75 Resp: 74396
Ion Ratio Lower Upper
75 100
53 0.1 74.2 111.4#
89 0.0 34.8 52.2#



#93
1,2,4-Trichlorobenzene
Concen: 0.232 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.006 min
Lab File: VX030769.D
Acq: 25 Aug 2022 14:00

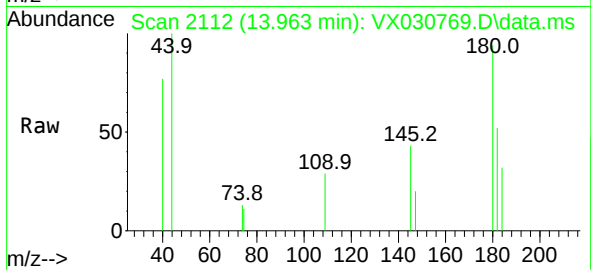
Tgt Ion: 180 Resp: 707
Ion Ratio Lower Upper
180 100
182 89.8 48.2 144.6
145 30.4 15.9 47.6





#96
 1,2,3-Trichlorobenzene
 Concen: 0.205 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX030769.D
 Acq: 25 Aug 2022 14:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0825WBL01



Tgt Ion:180	Resp:	661
Ion	Ratio	Lower Upper
180	100	
182	72.6	47.0 141.0
145	17.2	17.0 50.9

