

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032522\
 Data File : VX027704.D
 Acq On : 25 Mar 2022 16:49
 Operator : JC/MD
 Sample : VX0325WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBL01

Quant Time: Mar 26 06:21:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 16:26:59 2022
 Response via : Initial Calibration

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

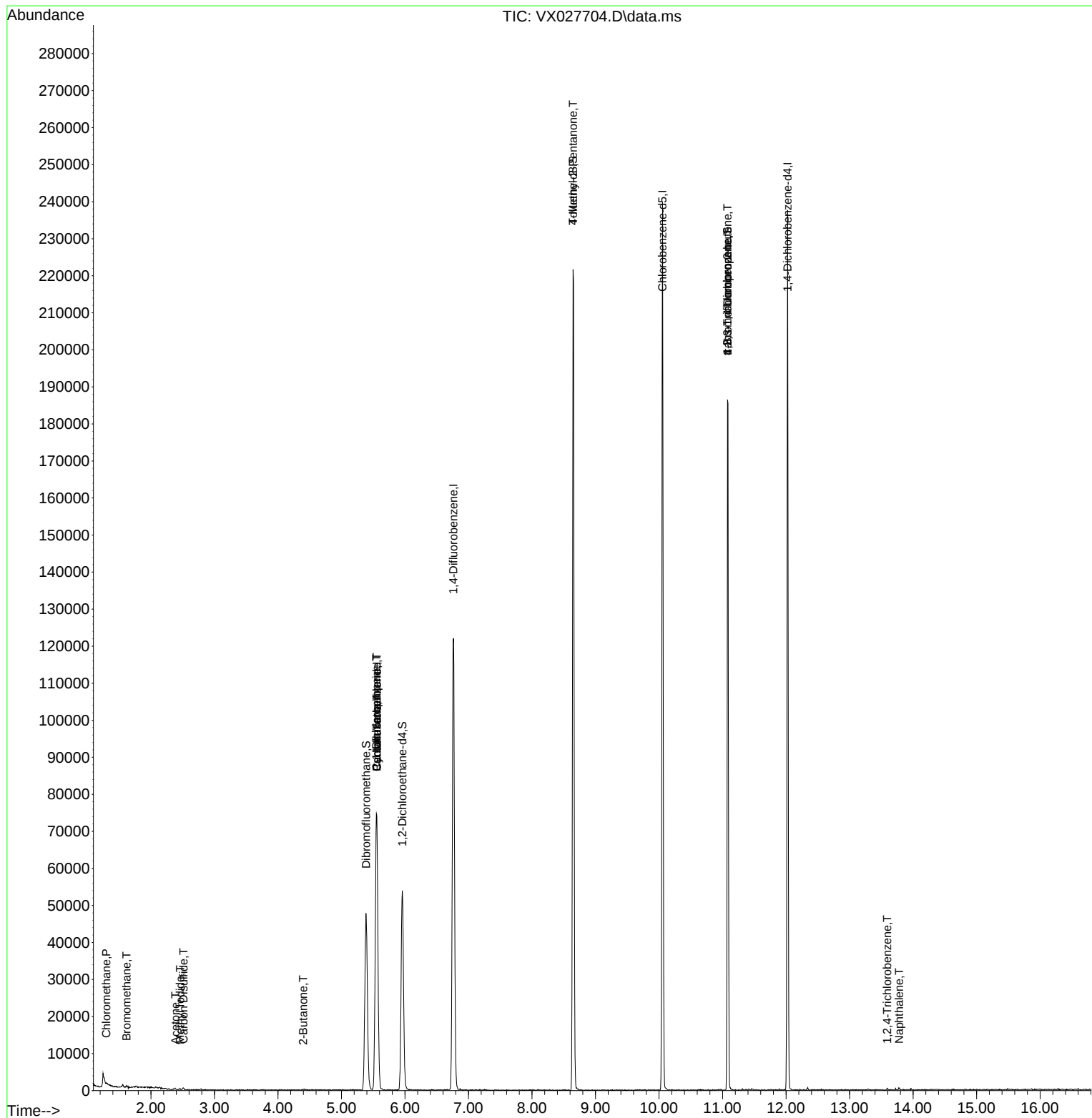
Internal Standards						
1) Pentafluorobenzene	5.556	168	66234	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	115806	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	100347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42048	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54423	50.098	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.200%			
35) Dibromofluoromethane	5.385	113	40336	53.040	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.080%			
50) Toluene-d8	8.647	98	134747	45.836	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 91.680%			
62) 4-Bromofluorobenzene	11.079	95	52641	44.130	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 88.260%			
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	171	0.215	ug/l	# 42
5) Bromomethane	1.618	94	171	0.557	ug/l	# 45
10) Methyl Iodide	2.459	142	193	3.097	ug/l	# 71
16) Acetone	2.386	43	428	0.932	ug/l	# 39
17) Carbon Disulfide	2.514	76	598	0.317	ug/l	# 75
25) 2-Butanone	4.398	43	224	0.304	ug/l	# 44
31) Cyclohexane	5.556	56	1719	1.305	ug/l	# 33
36) 1,1-Dichloropropene	5.550	75	6334	5.273	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	7293	6.213	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	654	0.451	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	27821	23.764	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	27821	80.890	ug/l	# 15
93) 1,2,4-Trichlorobenzene	13.591	180	185	0.227	ug/l	# 38
95) Naphthalene	13.780	128	613	0.205	ug/l	# 69

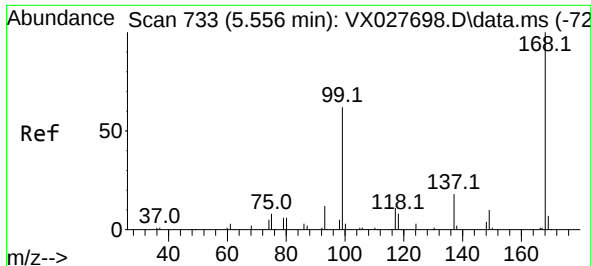
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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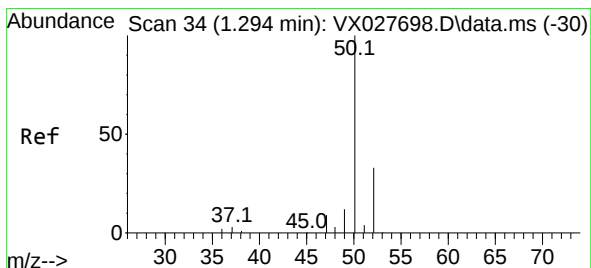
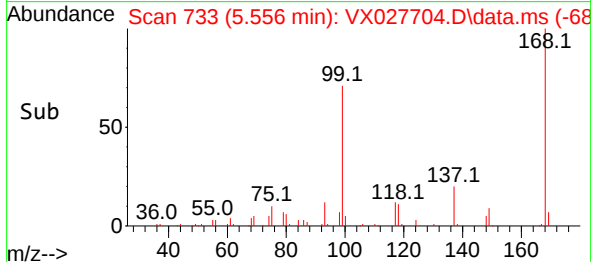
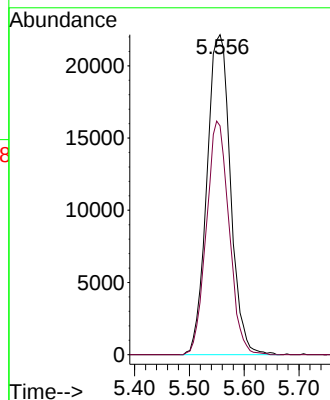
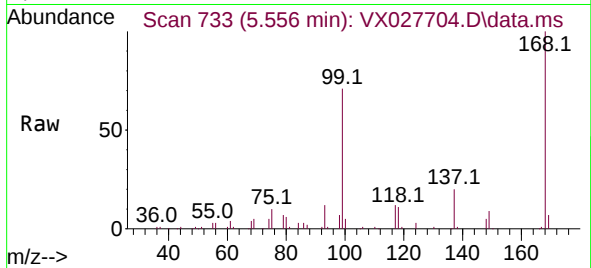




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027704.D
Acq: 25 Mar 2022 16:49

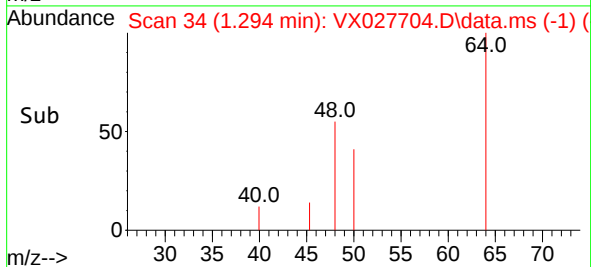
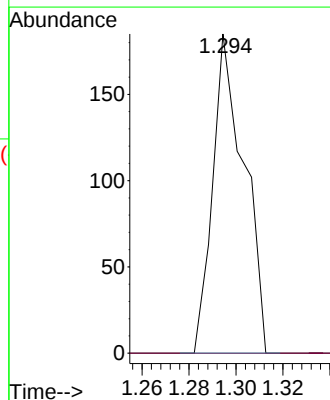
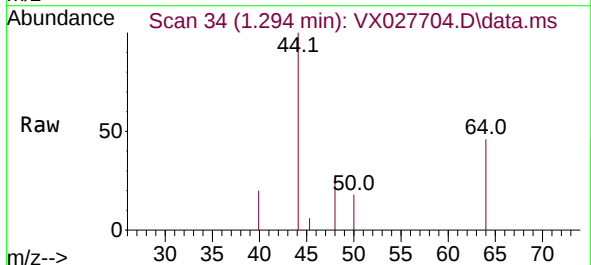
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBL01

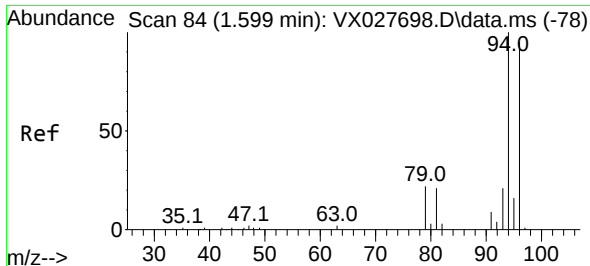
Tgt Ion:168 Resp: 66234
Ion Ratio Lower Upper
168 100
99 71.5 41.7 62.5#



#3
Chloromethane
Concen: 0.215 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027704.D
Acq: 25 Mar 2022 16:49

Tgt Ion: 50 Resp: 171
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

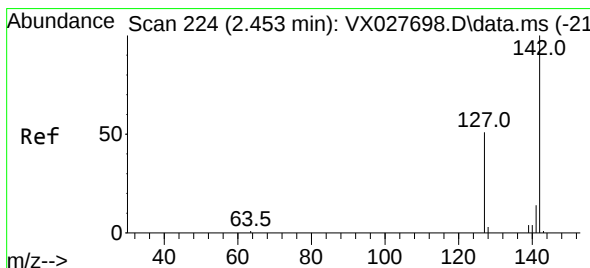
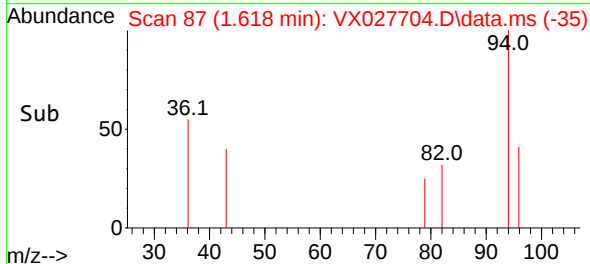
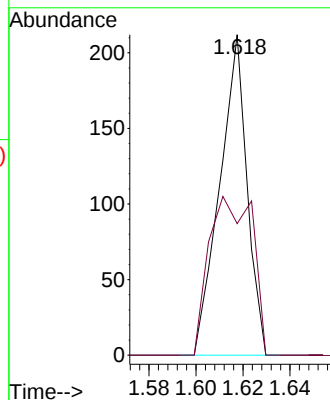
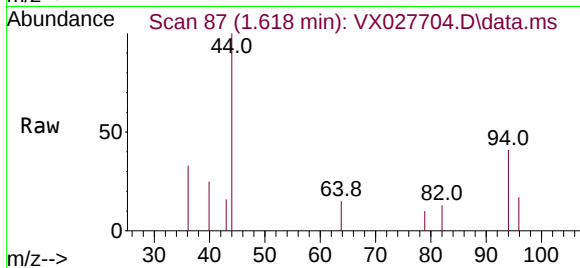




#5
Bromomethane
Concen: 0.557 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX027704.D
Acq: 25 Mar 2022 16:49

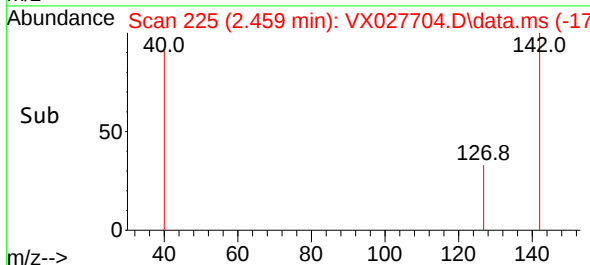
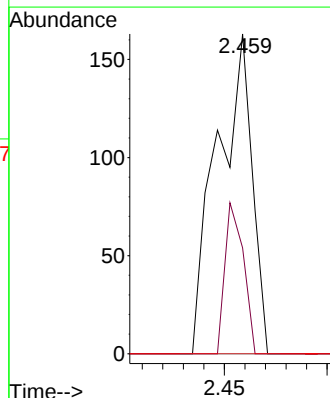
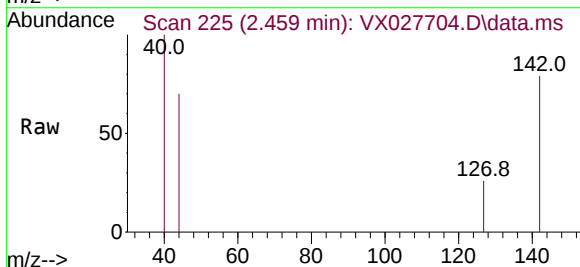
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBL01

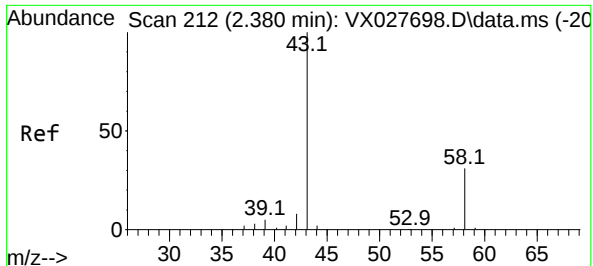
Tgt Ion: 94 Resp: 171
Ion Ratio Lower Upper
94 100
96 41.0 75.3 112.9#



#10
Methyl Iodide
Concen: 3.097 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX027704.D
Acq: 25 Mar 2022 16:49

Tgt Ion: 142 Resp: 193
Ion Ratio Lower Upper
142 100
127 24.9 33.9 50.9#
141 0.0 11.4 17.2#

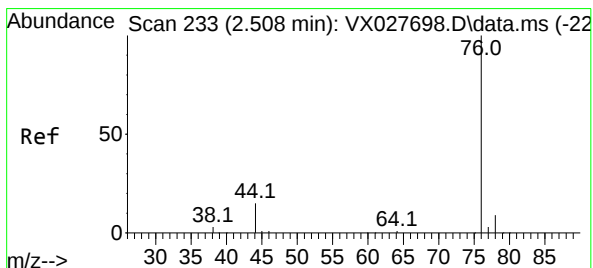
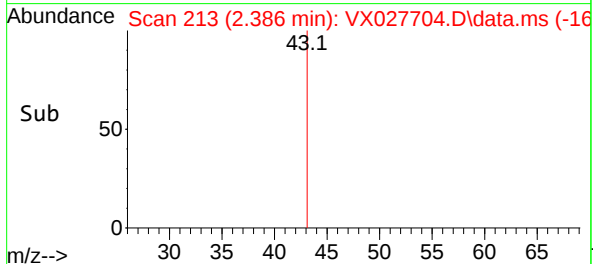
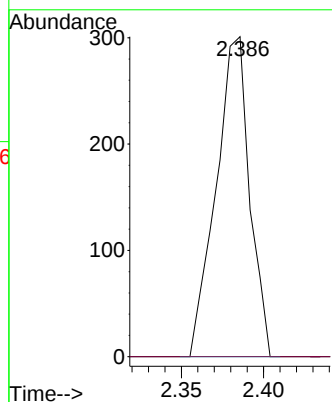
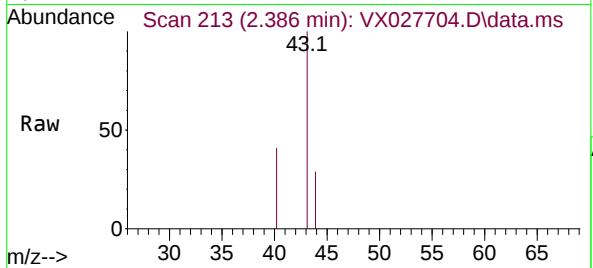




#16
Acetone
Concen: 0.932 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027704.D
Acq: 25 Mar 2022 16:49

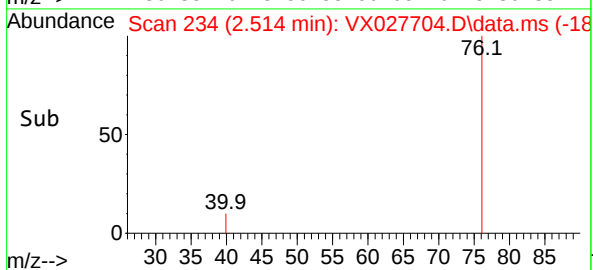
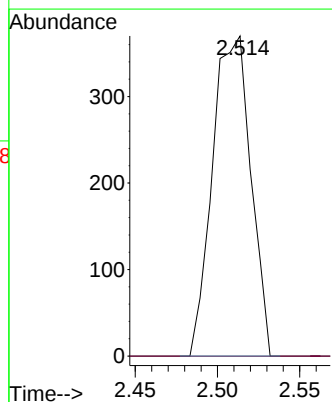
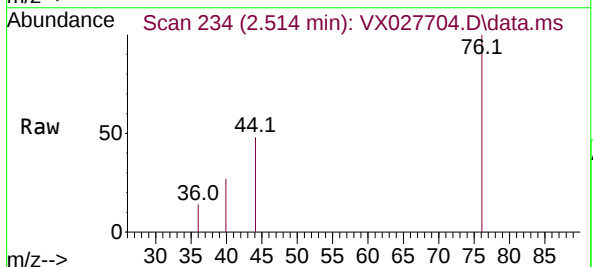
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBL01

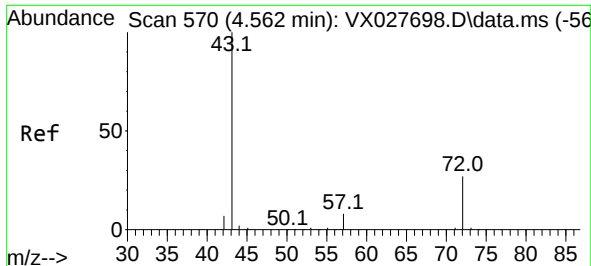
Tgt Ion: 43 Resp: 428
Ion Ratio Lower Upper
43 100
58 0.0 28.8 43.2#



#17
Carbon Disulfide
Concen: 0.317 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX027704.D
Acq: 25 Mar 2022 16:49

Tgt Ion: 76 Resp: 598
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

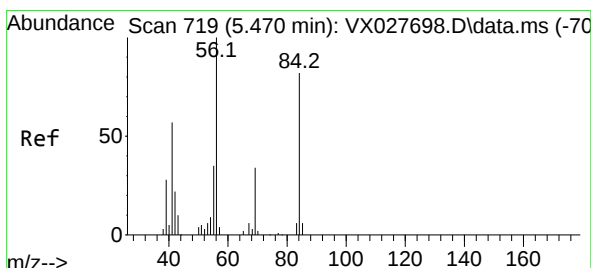
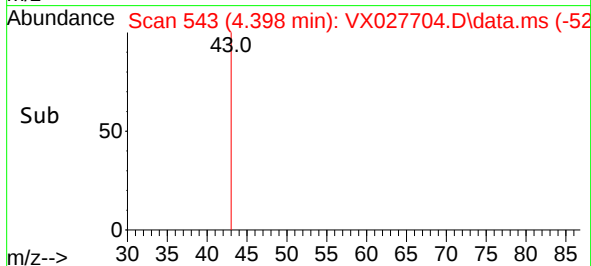
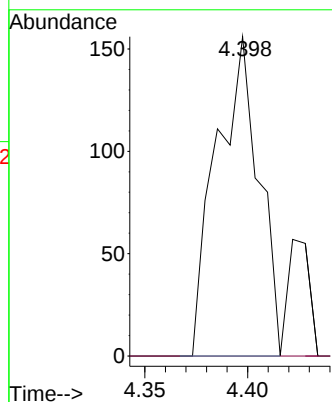
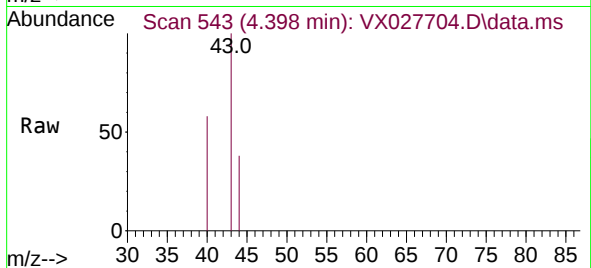




#25
2-Butanone
Concen: 0.304 ug/l
RT: 4.398 min Scan# 54
Delta R.T. -0.164 min
Lab File: VX027704.D
Acq: 25 Mar 2022 16:49

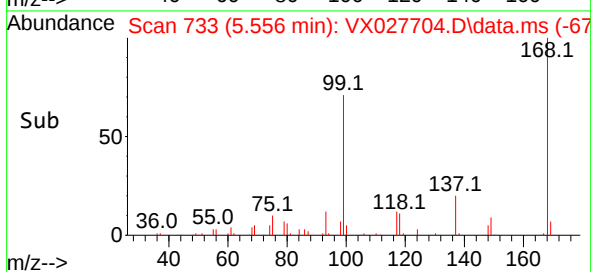
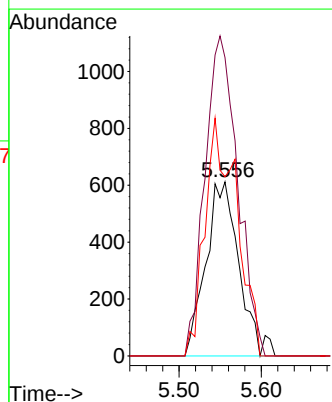
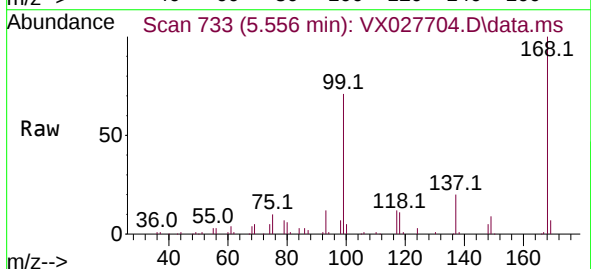
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBL01

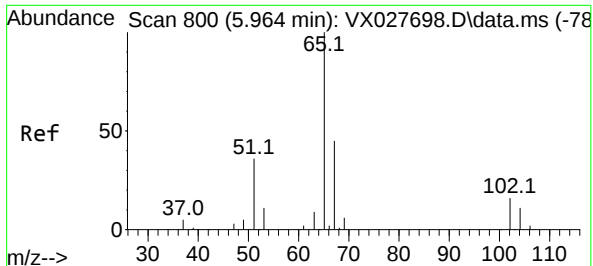
Tgt Ion: 43 Resp: 224
Ion Ratio Lower Upper
43 100
72 0.0 24.4 36.6#



#31
Cyclohexane
Concen: 1.305 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX027704.D
Acq: 25 Mar 2022 16:49

Tgt Ion: 56 Resp: 1719
Ion Ratio Lower Upper
56 100
69 171.4 26.7 40.1#
84 102.9 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 50.098 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX027704.D

Acq: 25 Mar 2022 16:49

Instrument :

MSVOA_X

ClientSampleId :

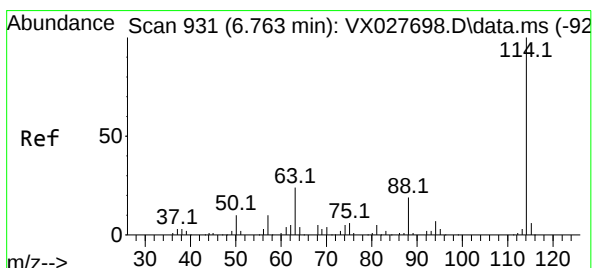
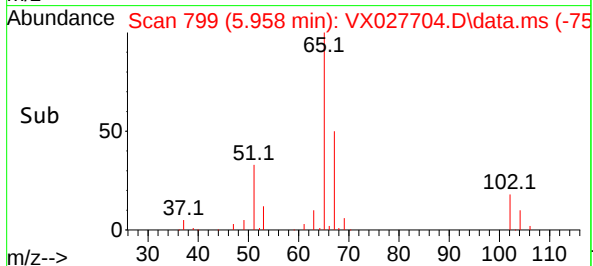
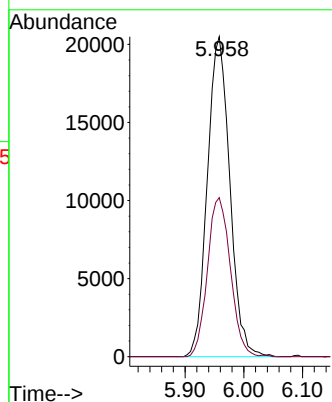
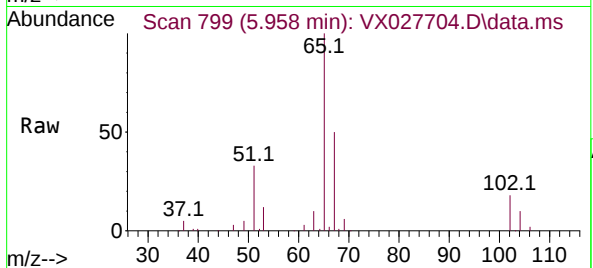
VX0325WBL01

Tgt Ion: 65 Resp: 54423

Ion Ratio Lower Upper

65 100

67 50.9 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX027704.D

Acq: 25 Mar 2022 16:49

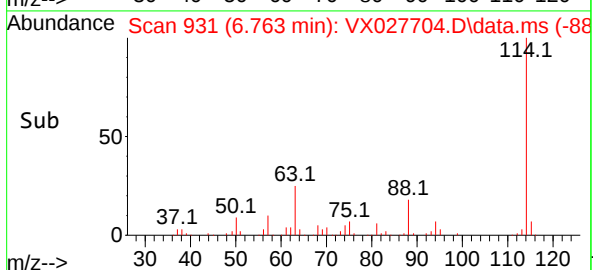
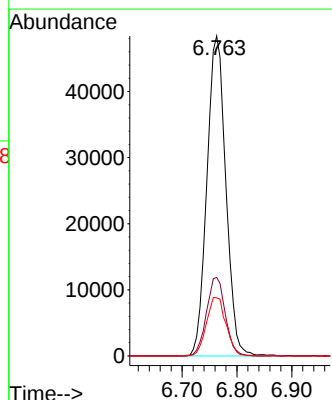
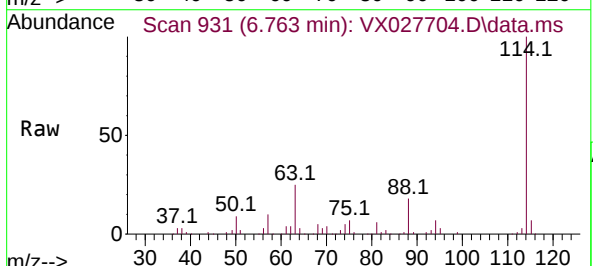
Tgt Ion: 114 Resp: 115806

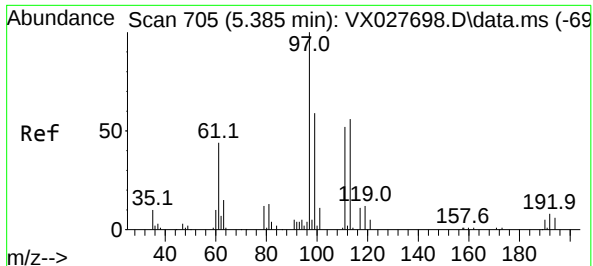
Ion Ratio Lower Upper

114 100

63 24.5 0.0 36.8

88 18.1 0.0 32.4





#35

Dibromofluoromethane

Concen: 53.040 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX027704.D

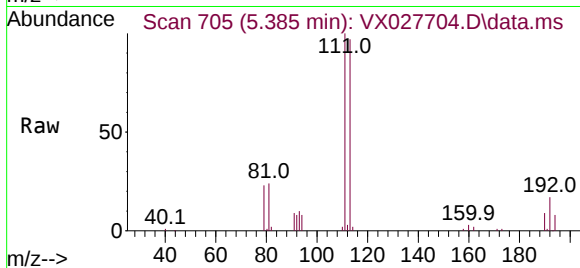
Acq: 25 Mar 2022 16:49

Instrument :

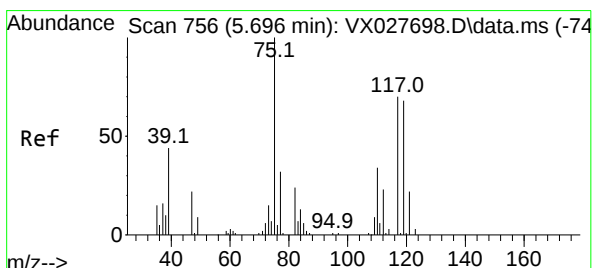
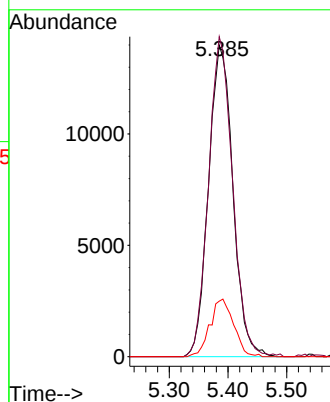
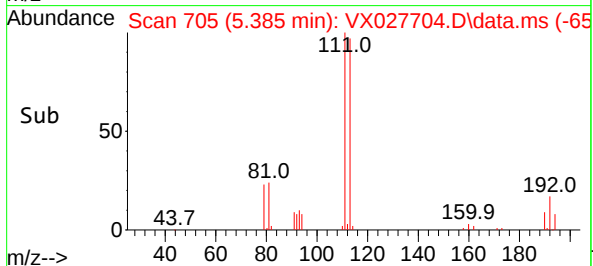
MSVOA_X

ClientSampleId :

VX0325WBL01



Tgt Ion:	113	Resp:	40336
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.8	124.2
192	18.0	16.9	25.3



#36

1,1-Dichloropropene

Concen: 5.273 ug/l

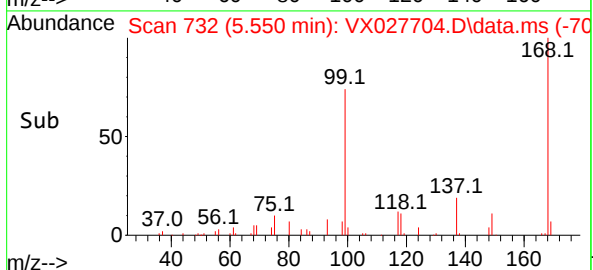
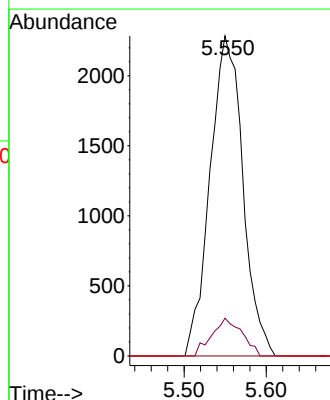
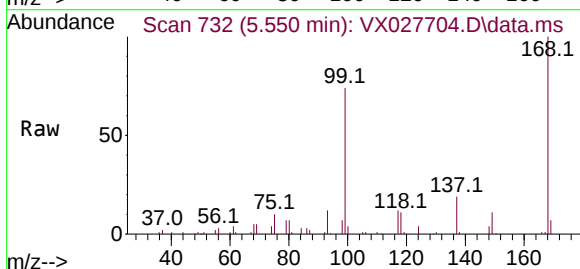
RT: 5.550 min Scan# 732

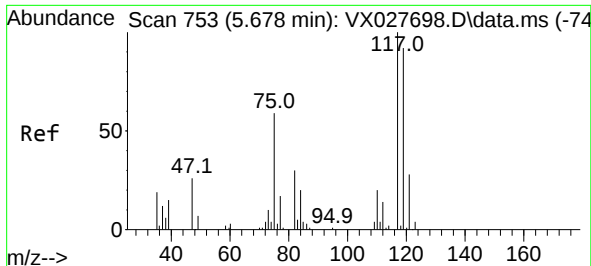
Delta R.T. -0.146 min

Lab File: VX027704.D

Acq: 25 Mar 2022 16:49

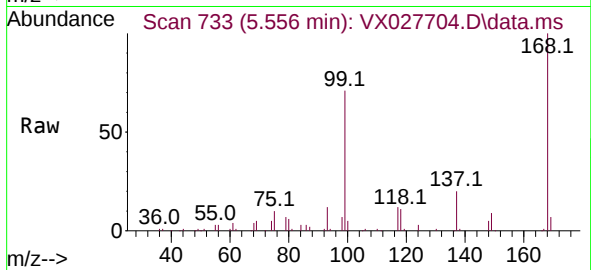
Tgt Ion:	75	Resp:	6334
Ion	Ratio	Lower	Upper
75	100		
110	10.8	18.3	54.8#
77	0.0	24.8	37.2#



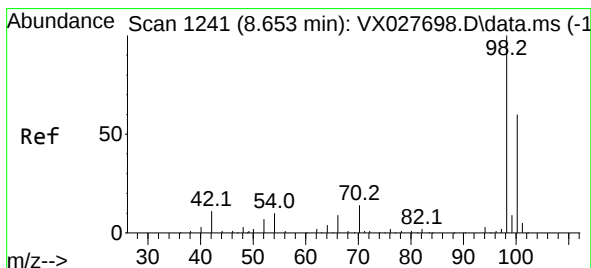
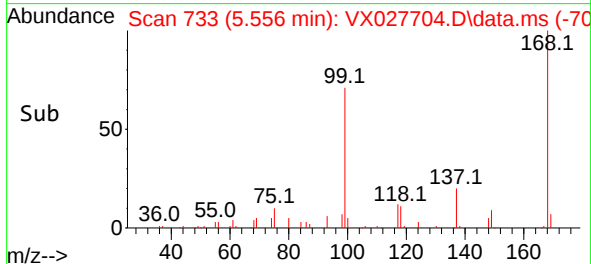
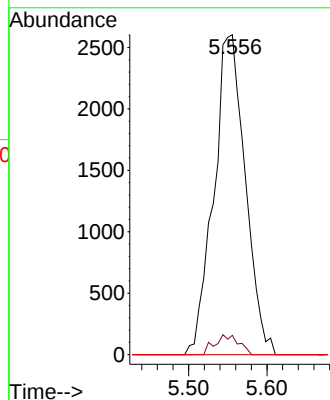


#38
Carbon Tetrachloride
Concen: 6.213 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027704.D
Acq: 25 Mar 2022 16:49

Instrument :
MSVOA_X
ClientSampleId :
VX0325WBL01

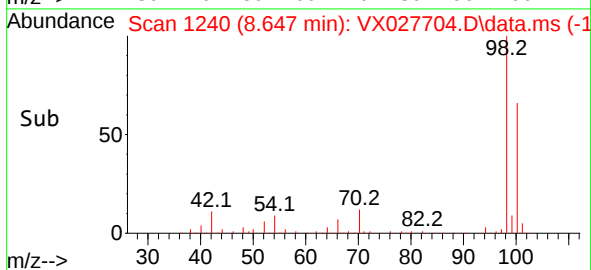
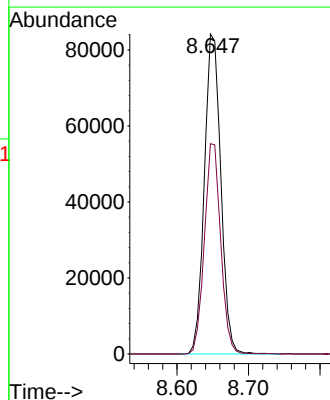
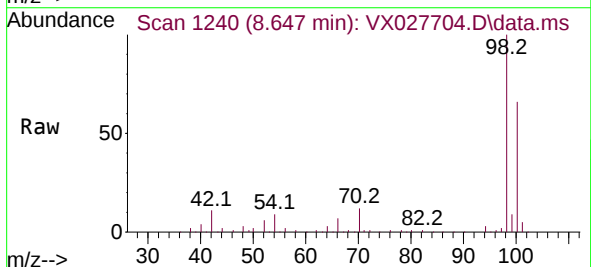


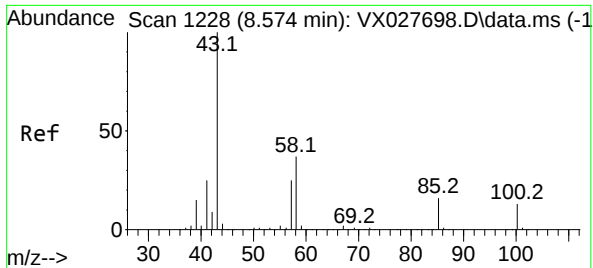
Tgt Ion:117 Resp: 7293
Ion Ratio Lower Upper
117 100
119 6.1 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 45.836 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX027704.D
Acq: 25 Mar 2022 16:49

Tgt Ion: 98 Resp: 134747
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8

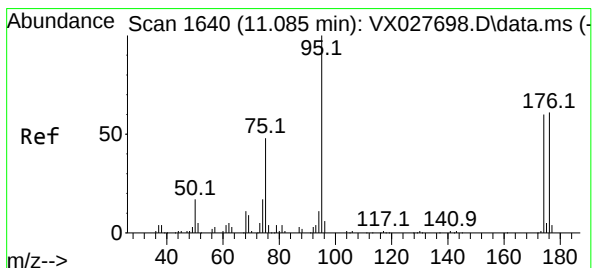
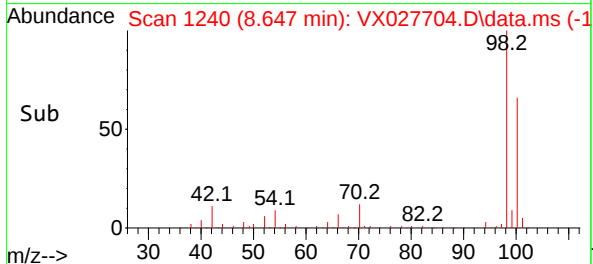
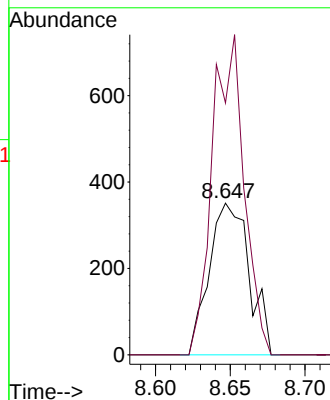
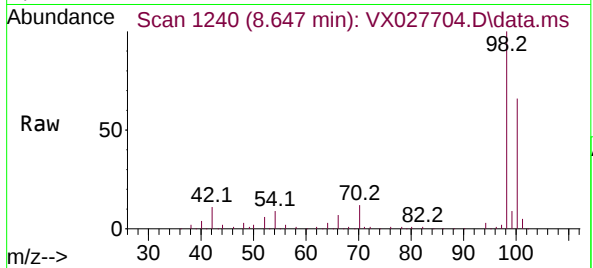




#51
4-Methyl-2-Pentanone
Concen: 0.451 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX027704.D
Acq: 25 Mar 2022 16:49

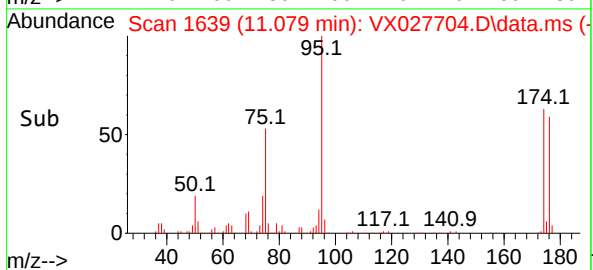
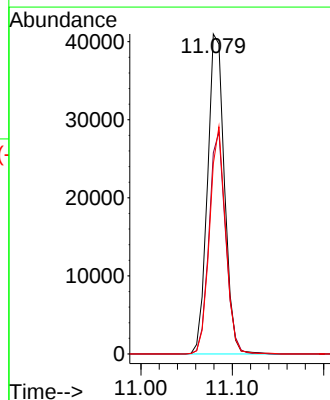
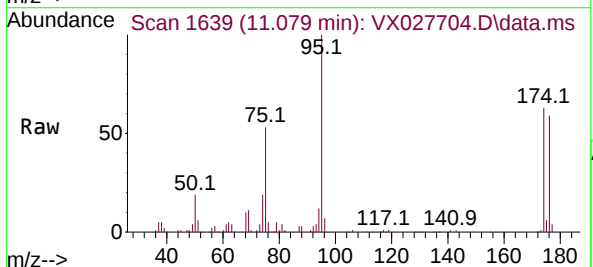
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBL01

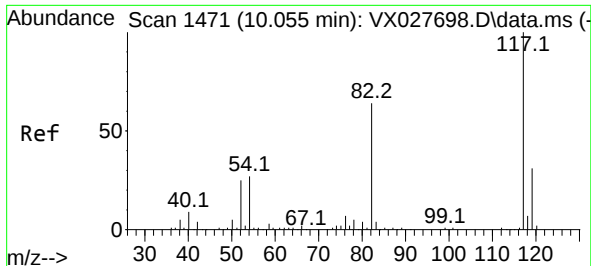
Tgt Ion: 43 Resp: 654
Ion Ratio Lower Upper
43 100
58 167.4 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 44.130 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027704.D
Acq: 25 Mar 2022 16:49

Tgt Ion: 95 Resp: 52641
Ion Ratio Lower Upper
95 100
174 67.9 0.0 163.0
176 67.2 0.0 155.0

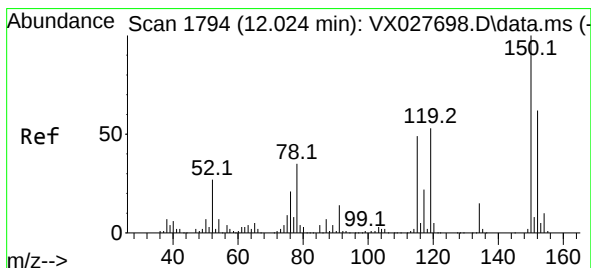
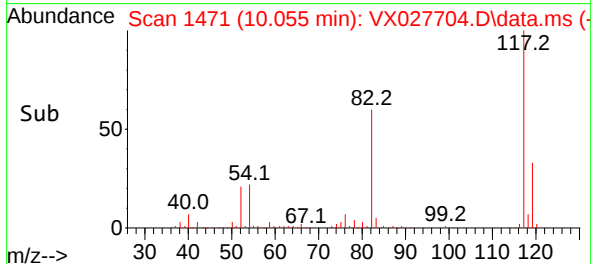
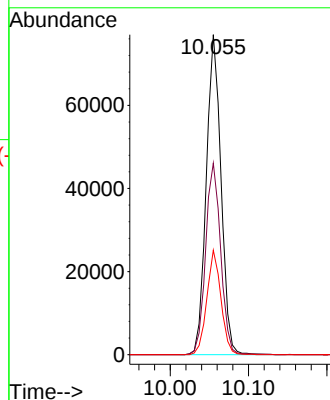
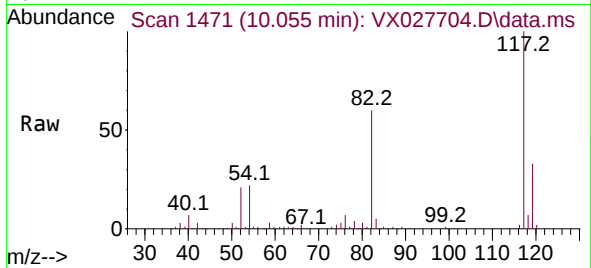




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027704.D
Acq: 25 Mar 2022 16:49

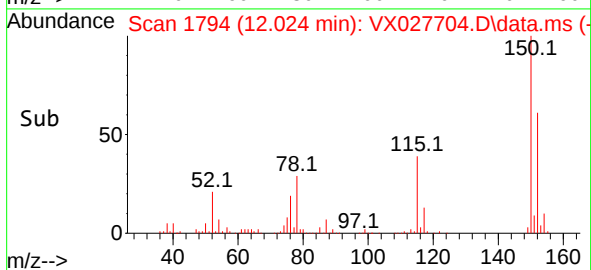
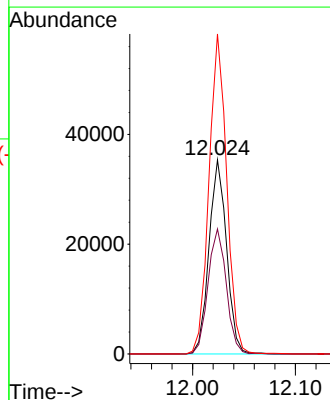
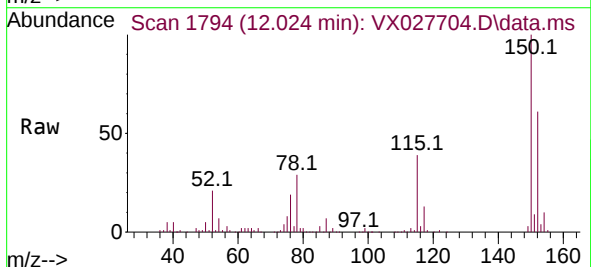
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBL01

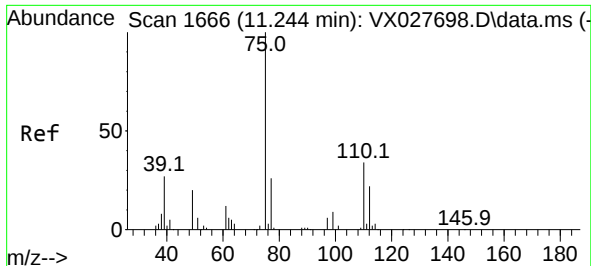
Tgt Ion:117 Resp: 100347
Ion Ratio Lower Upper
117 100
82 59.8 41.8 62.8
119 32.6 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027704.D
Acq: 25 Mar 2022 16:49

Tgt Ion:152 Resp: 42048
Ion Ratio Lower Upper
152 100
115 66.9 37.5 112.7
150 165.8 0.0 338.2

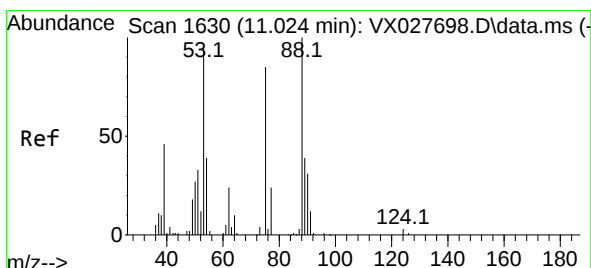
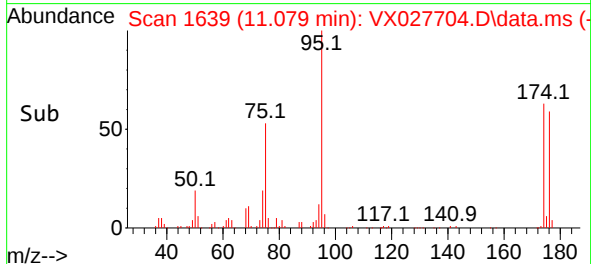
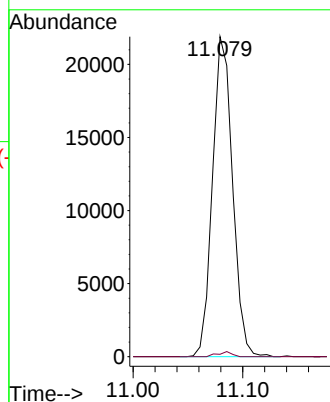
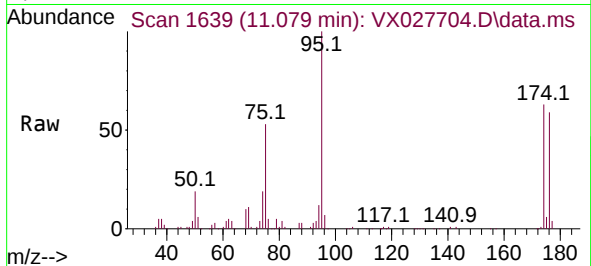




#76
1,2,3-Trichloropropane
Concen: 23.764 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027704.D
Acq: 25 Mar 2022 16:49

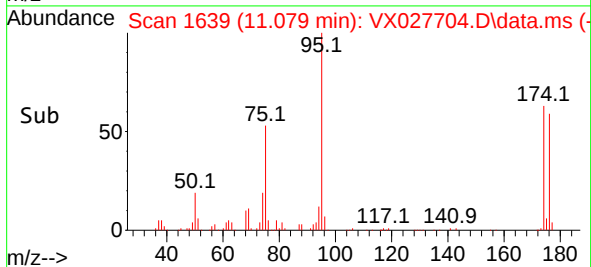
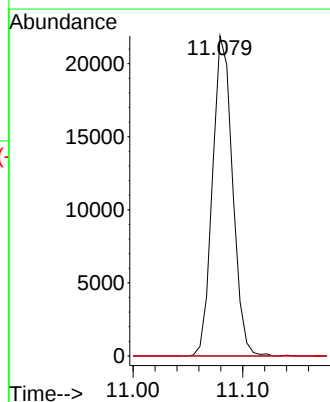
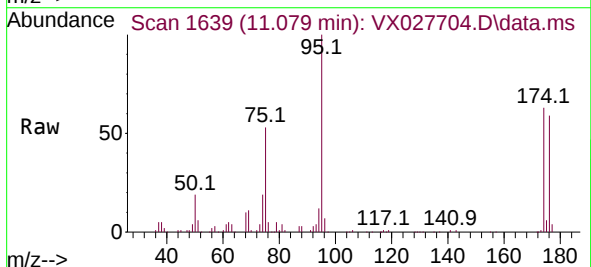
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBL01

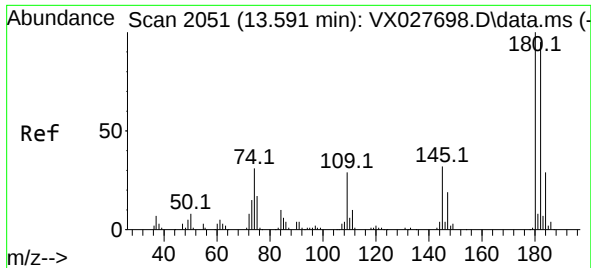
Tgt Ion: 75 Resp: 27821
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.890 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX027704.D
Acq: 25 Mar 2022 16:49

Tgt Ion: 75 Resp: 27821
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

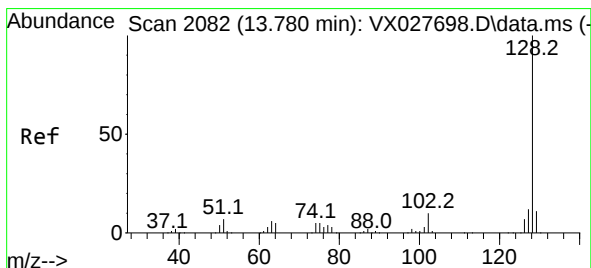
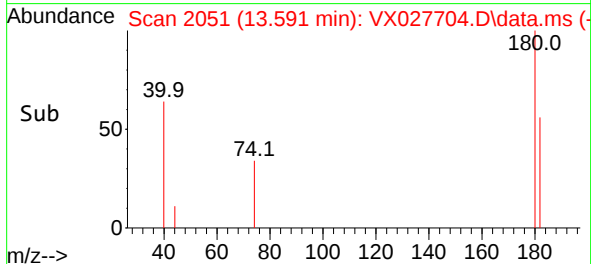
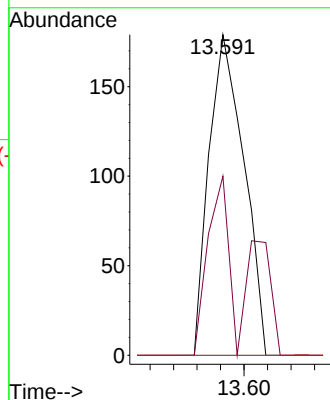
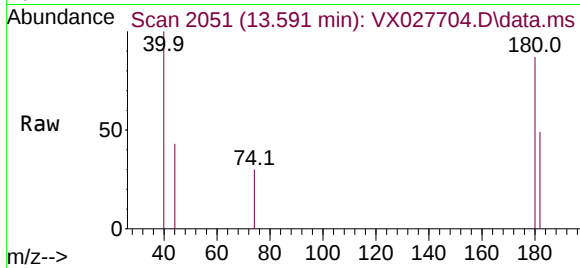




#93
 1,2,4-Trichlorobenzene
 Concen: 0.227 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. -0.000 min
 Lab File: VX027704.D
 Acq: 25 Mar 2022 16:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBL01

Tgt Ion:180 Resp: 185
 Ion Ratio Lower Upper
 180 100
 182 33.0 47.7 143.1#
 145 0.0 15.2 45.5#



#95
 Naphthalene
 Concen: 0.205 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. -0.000 min
 Lab File: VX027704.D
 Acq: 25 Mar 2022 16:49

Tgt Ion:128 Resp: 613
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.2 15.4#
 129 0.0 8.7 13.1#

