

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060324\
 Data File : VX041701.D
 Acq On : 03 Jun 2024 13:57
 Operator : JC/MD
 Sample : P2694-01 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 04 00:47:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

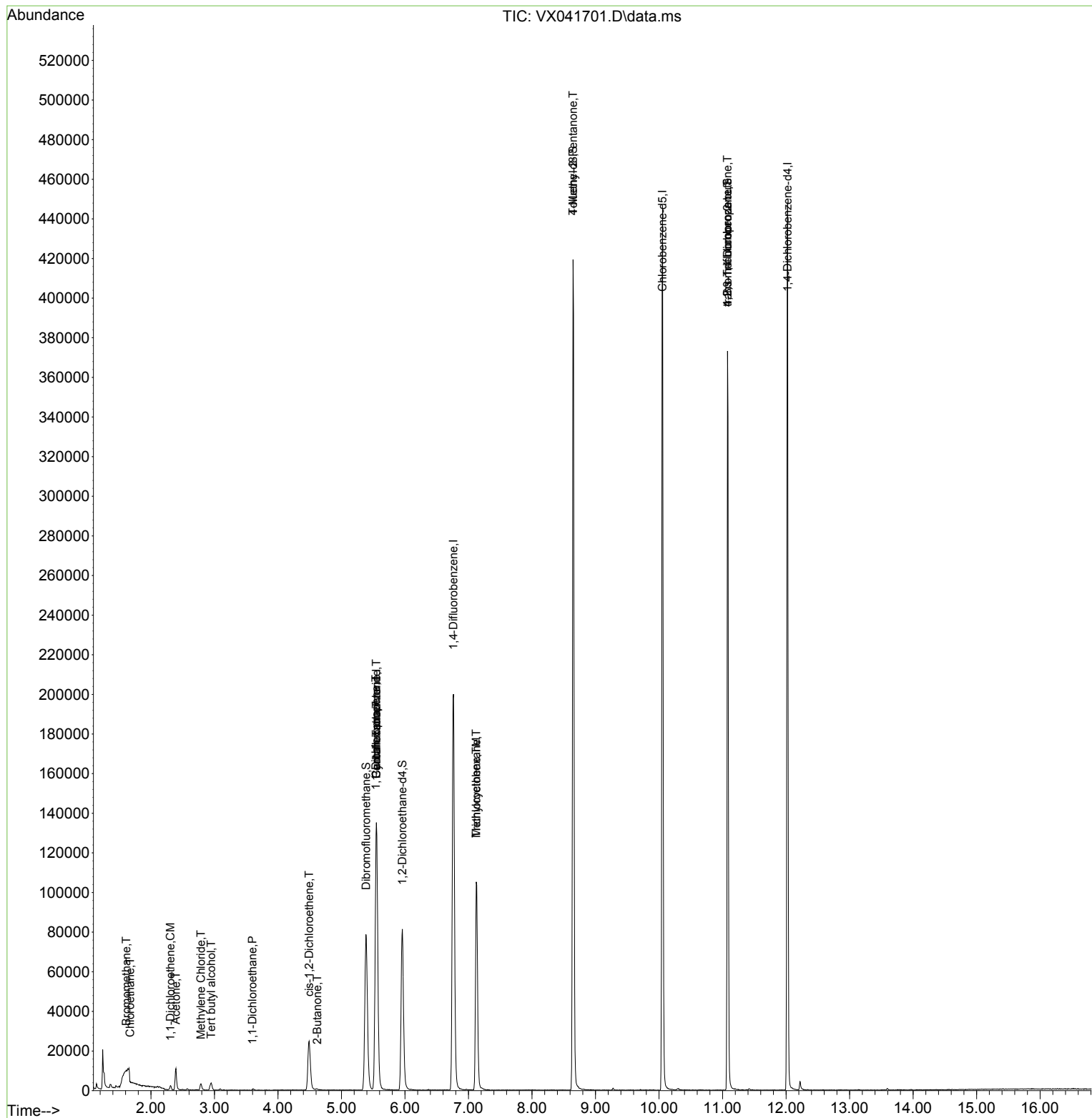
Internal Standards						
1) Pentafluorobenzene	5.550	168	141593	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	215021	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102702	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80745	46.496	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.000%
35) Dibromofluoromethane	5.385	113	67738	45.564	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.120%
50) Toluene-d8	8.647	98	255170	49.123	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.240%
62) 4-Bromofluorobenzene	11.079	95	93413	48.724	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.440%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	337	0.346	ug/l	# 3
6) Chloroethane	1.672	64	629	0.745	ug/l	# 43
11) Tert butyl alcohol	2.947	59	2364	7.695	ug/l	# 78
12) 1,1-Dichloroethene	2.306	96	673	0.533	ug/l	79
16) Acetone	2.392	43	11949	12.991	ug/l	99
20) Methylene Chloride	2.788	84	1722	1.108	ug/l	# 81
24) 1,1-Dichloroethane	3.599	63	845	0.352	ug/l	# 83
25) 2-Butanone	4.617	43	360	0.334	ug/l	# 51
27) cis-1,2-Dichloroethene	4.489	96	16880	10.783	ug/l	82
31) Cyclohexane	5.550	56	2388	1.165	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	9457	5.254	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	12483	6.104	ug/l	# 16
39) Methylcyclohexane	7.123	83	565	0.255	ug/l	# 1
44) Trichloroethene	7.123	130	43921	28.702	ug/l	87
51) 4-Methyl-2-Pentanone	8.647	43	1112	0.500	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	47560	26.541	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	47560	72.338	ug/l	# 5

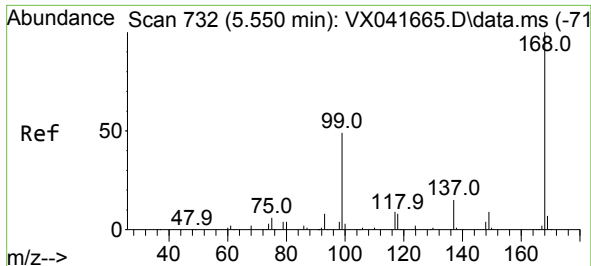
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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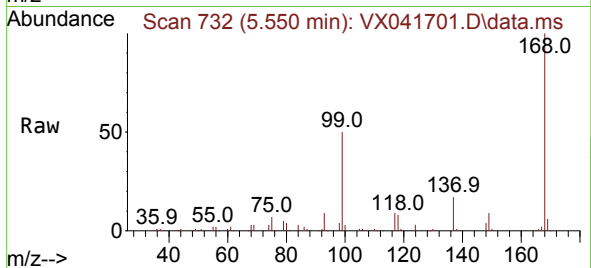
Quant Time: Jun 04 00:47:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
QLast Update : Thu May 30 07:36:24 2024
Response via : Initial Calibration



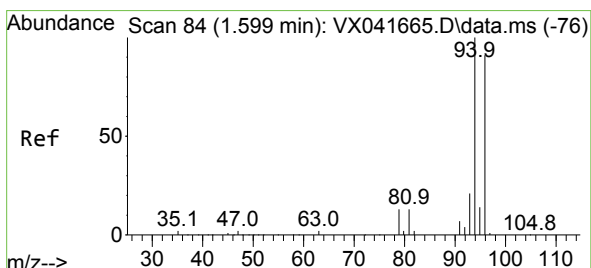
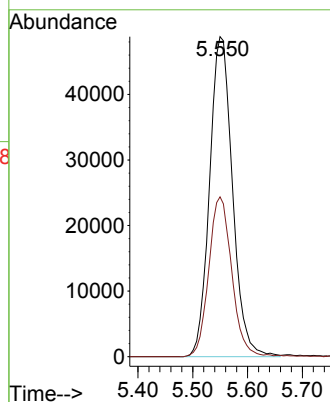
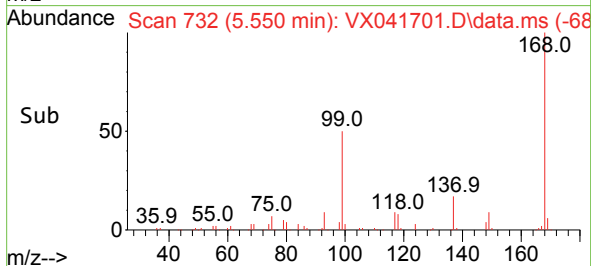


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041701.D
Acq: 03 Jun 2024 13:57

Instrument :
MSVOA_X
ClientSampleId :

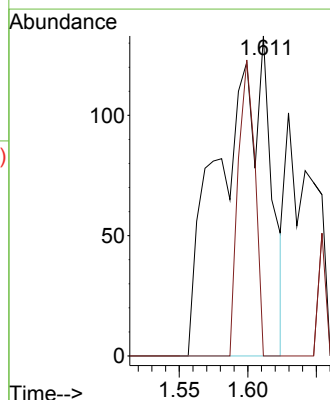
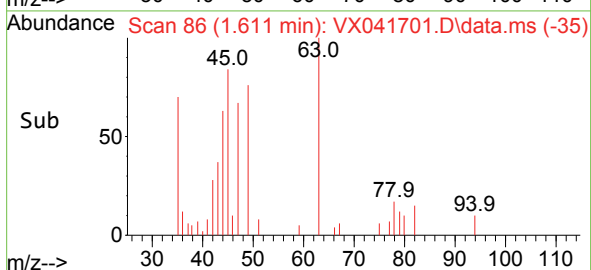
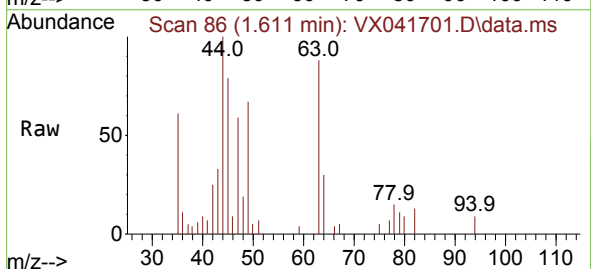


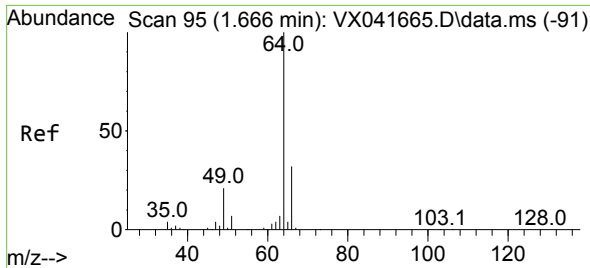
Tgt Ion:168 Resp: 141593
Ion Ratio Lower Upper
168 100
99 49.9 56.6 85.0#



#5
Bromomethane
Concen: 0.346 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX041701.D
Acq: 03 Jun 2024 13:57

Tgt Ion: 94 Resp: 337
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

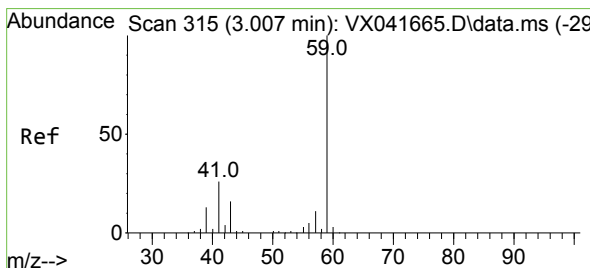
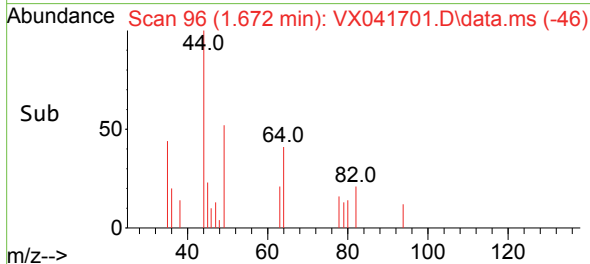
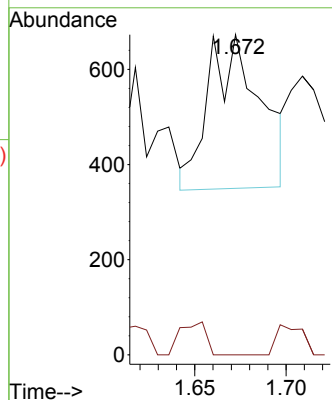
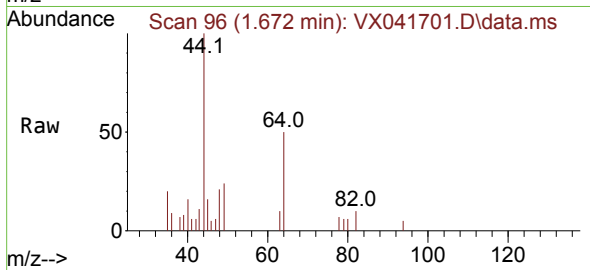




#6
Chloroethane
Concen: 0.745 ug/l
RT: 1.672 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX041701.D
Acq: 03 Jun 2024 13:57

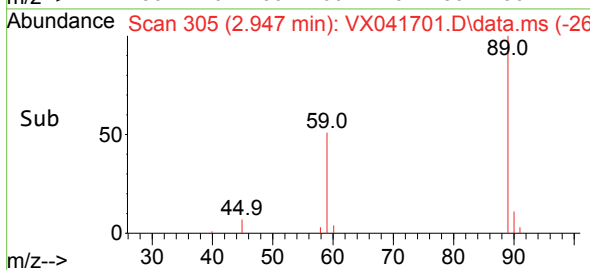
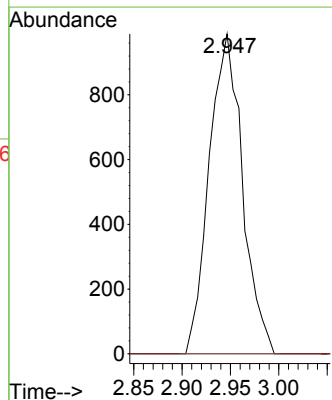
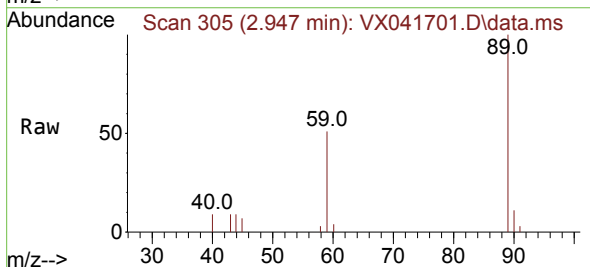
Instrument :
MSVOA_X
ClientSampleId :

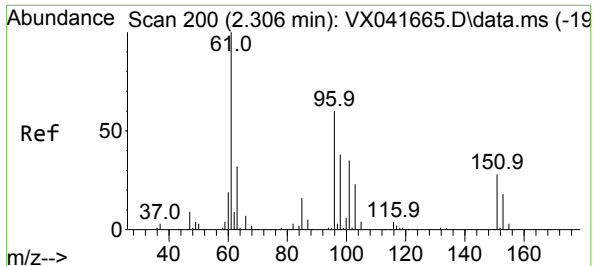
Tgt Ion: 64 Resp: 629
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 7.695 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.061 min
Lab File: VX041701.D
Acq: 03 Jun 2024 13:57

Tgt Ion: 59 Resp: 2364
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#12

1,1-Dichloroethene

Concen: 0.533 ug/l

RT: 2.306 min Scan# 200

Delta R.T. 0.000 min

Lab File: VX041701.D

Acq: 03 Jun 2024 13:57

Instrument :

MSVOA_X

ClientSampleId :

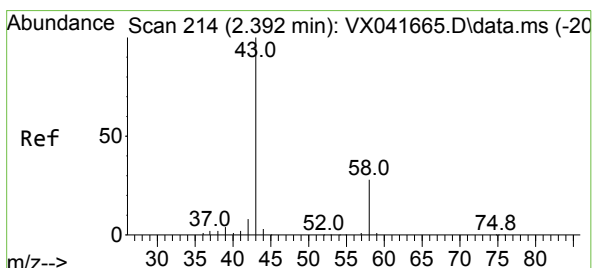
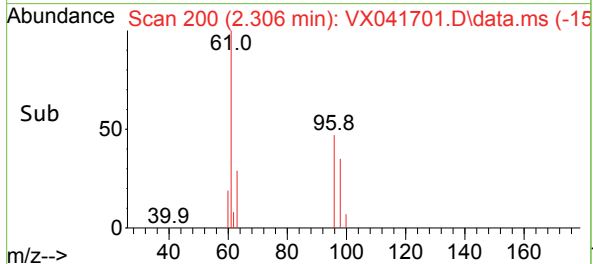
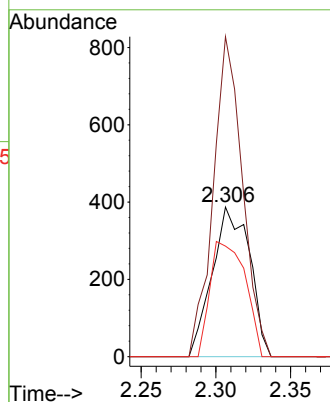
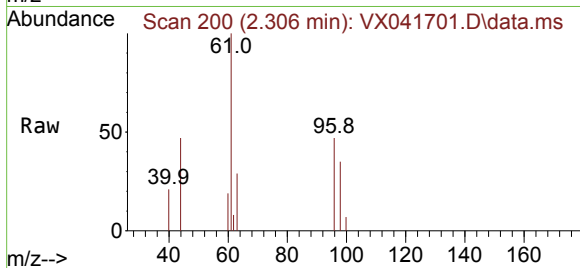
Tgt Ion: 96 Resp: 673

Ion Ratio Lower Upper

96 100

61 214.0 144.6 216.8

98 73.9 50.4 75.6



#16

Acetone

Concen: 12.991 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX041701.D

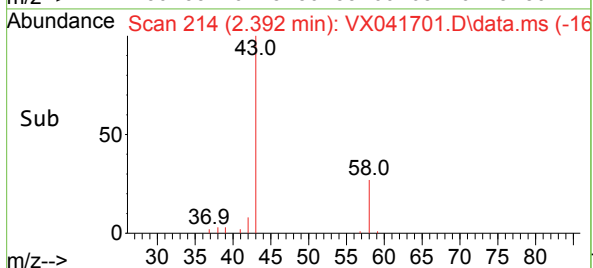
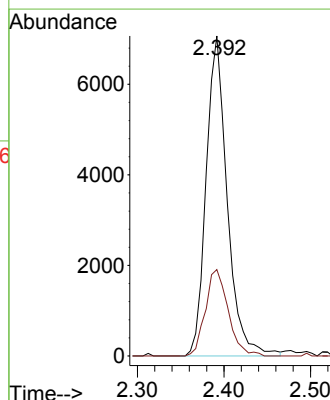
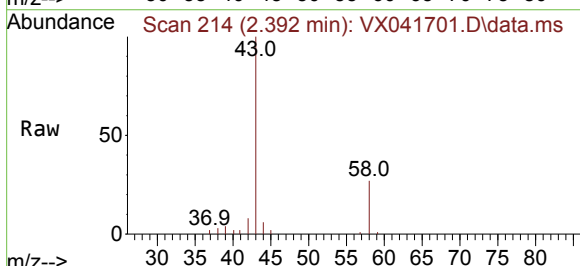
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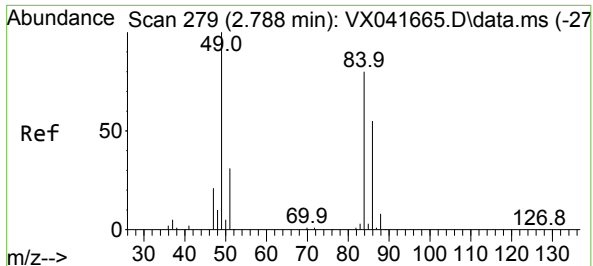
Tgt Ion: 43 Resp: 11949

Ion Ratio Lower Upper

43 100

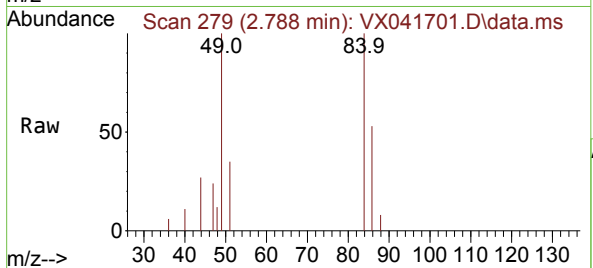
58 27.0 21.9 32.9



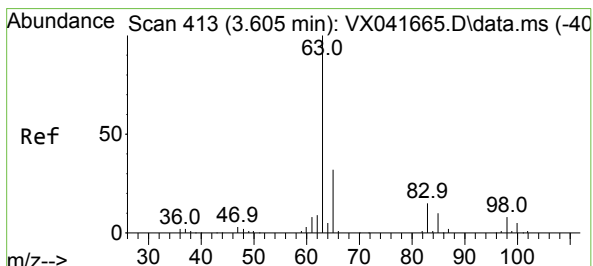
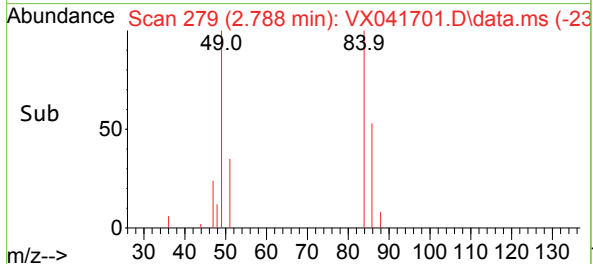
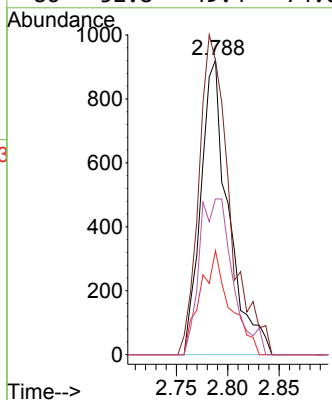


#20
Methylene Chloride
Concen: 1.108 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041701.D
Acq: 03 Jun 2024 13:57

Instrument :
MSVOA_X
ClientSampleId :

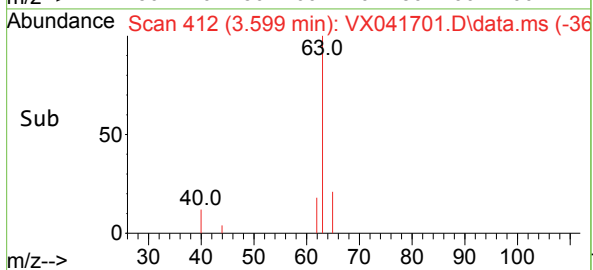
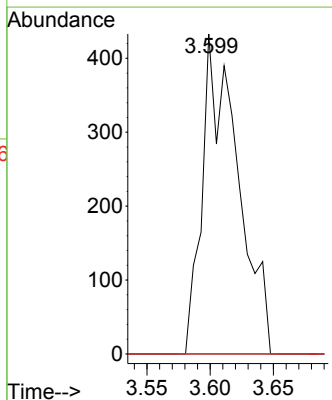
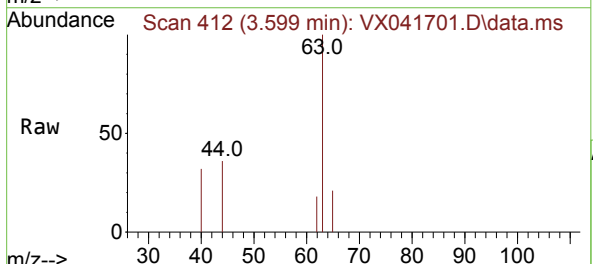


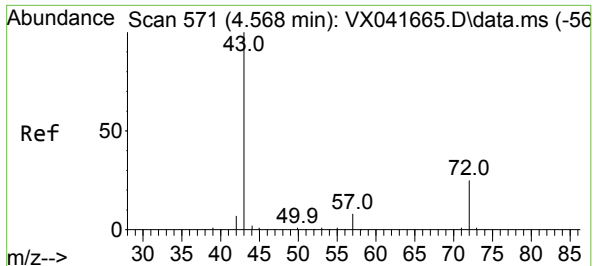
Tgt Ion:	84	Resp:	1722
Ion	Ratio	Lower	Upper
84	100		
49	99.9	103.6	155.4#
51	35.4	33.8	50.6
86	52.8	49.4	74.0



#24
1,1-Dichloroethane
Concen: 0.352 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX041701.D
Acq: 03 Jun 2024 13:57

Tgt Ion:	63	Resp:	845
Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.3	9.8#
100	0.0	2.1	6.5#





#25

2-Butanone

Concen: 0.334 ug/l

RT: 4.617 min Scan# 5

Delta R.T. 0.049 min

Lab File: VX041701.D

Acq: 03 Jun 2024 13:57

Instrument :

MSVOA_X

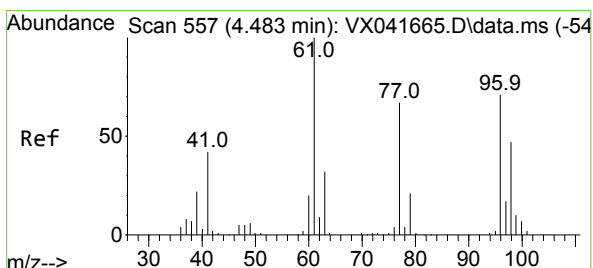
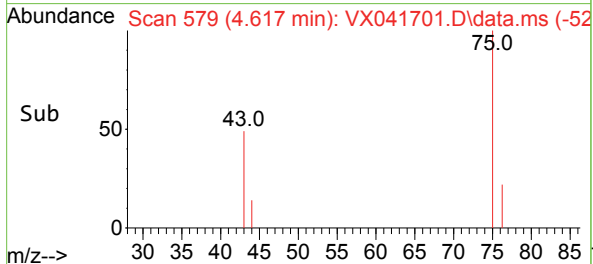
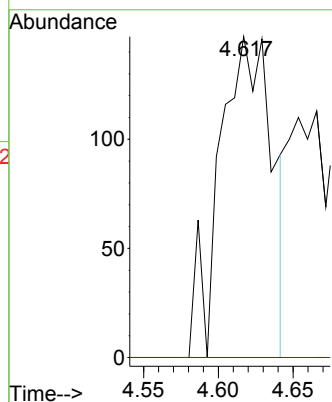
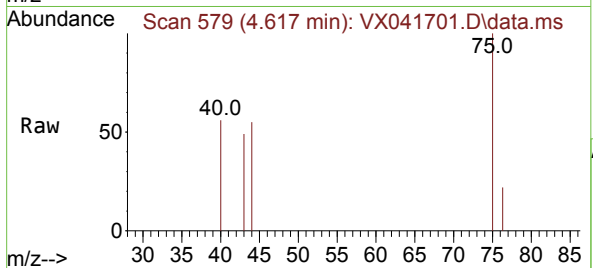
ClientSampleId :

Tgt Ion: 43 Resp: 360

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



#27

cis-1,2-Dichloroethene

Concen: 10.783 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX041701.D

Acq: 03 Jun 2024 13:57

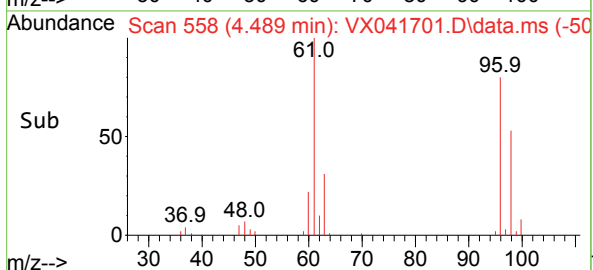
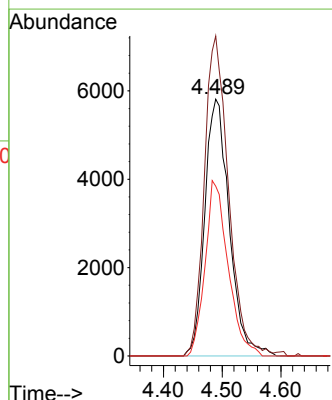
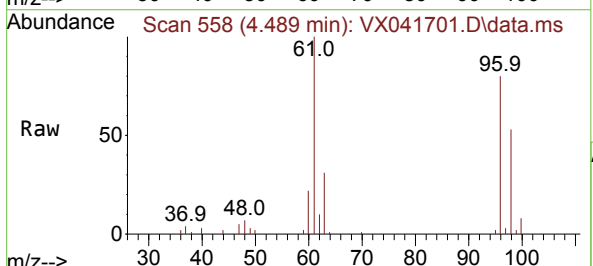
Tgt Ion: 96 Resp: 16880

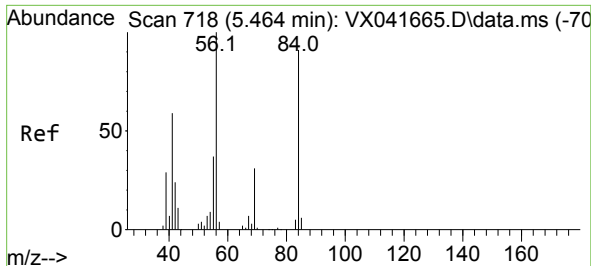
Ion Ratio Lower Upper

96 100

61 122.6 0.0 312.2

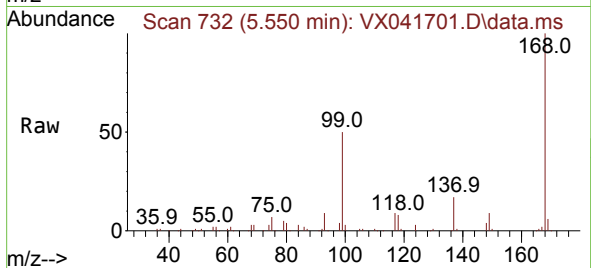
98 63.9 0.0 129.0



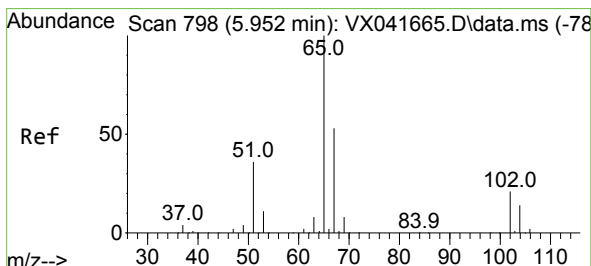
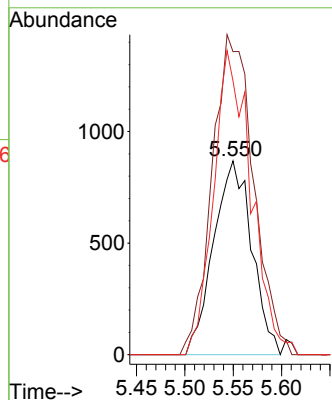
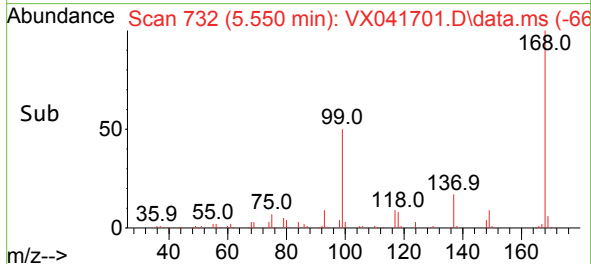


#31
Cyclohexane
Concen: 1.165 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX041701.D
Acq: 03 Jun 2024 13:57

Instrument :
MSVOA_X
ClientSampleId :

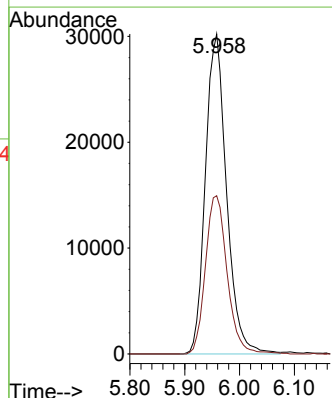
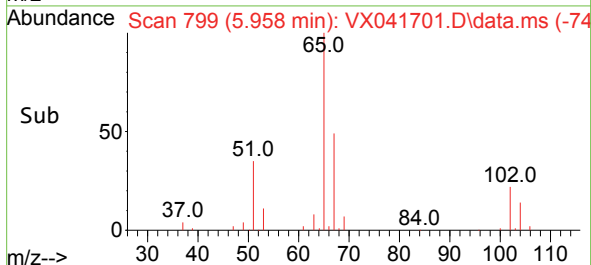
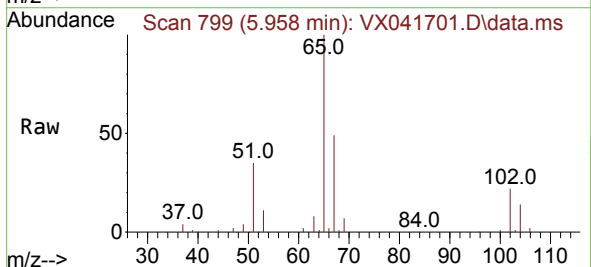


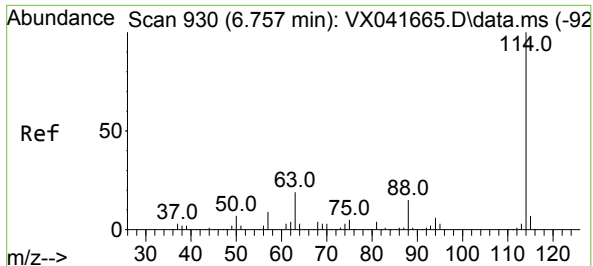
Tgt Ion: 56 Resp: 2388
Ion Ratio Lower Upper
56 100
69 156.5 23.4 35.2#
84 141.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.496 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041701.D
Acq: 03 Jun 2024 13:57

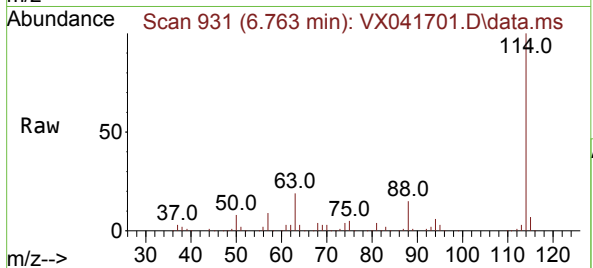
Tgt Ion: 65 Resp: 80745
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.2



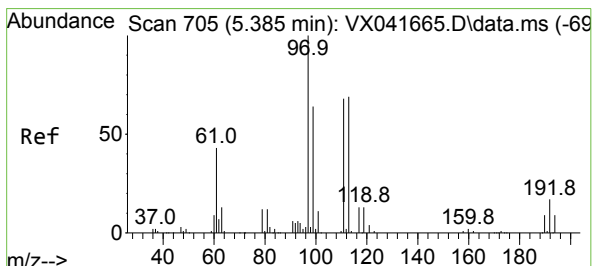
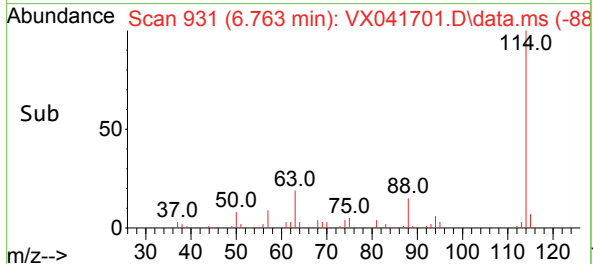
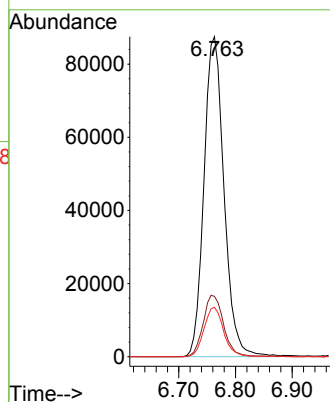


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX041701.D
Acq: 03 Jun 2024 13:57

Instrument :
MSVOA_X
ClientSampleId :

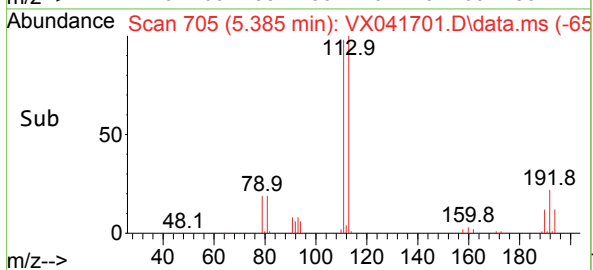
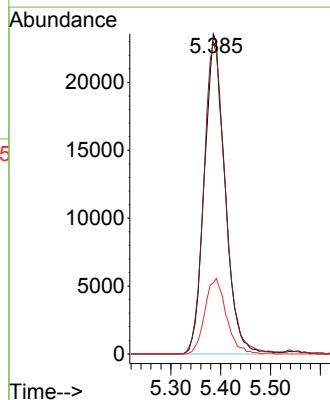
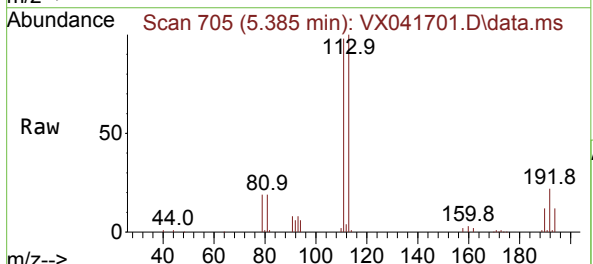


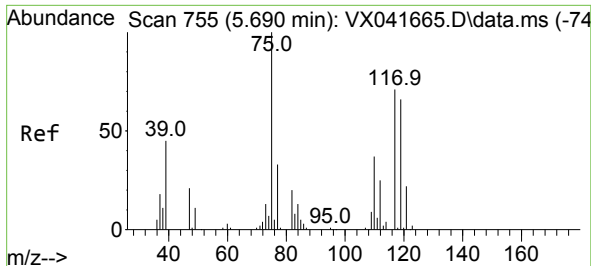
Tgt Ion:114 Resp: 215021
Ion Ratio Lower Upper
114 100
63 18.9 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.564 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041701.D
Acq: 03 Jun 2024 13:57

Tgt Ion:113 Resp: 67738
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 24.5 13.3 19.9#

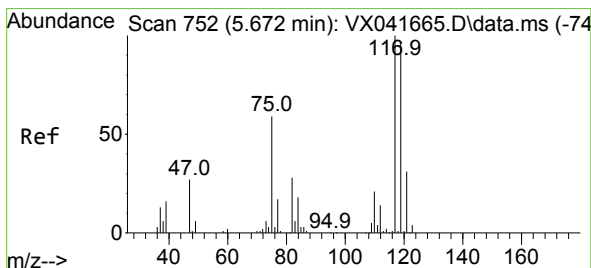
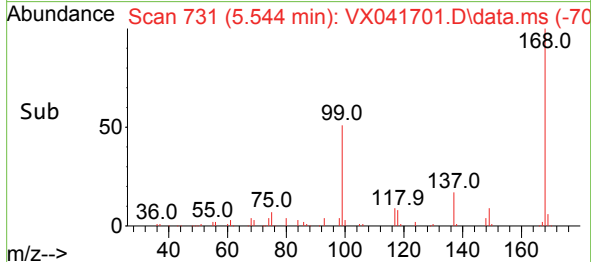
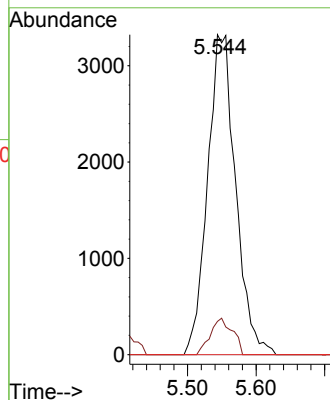
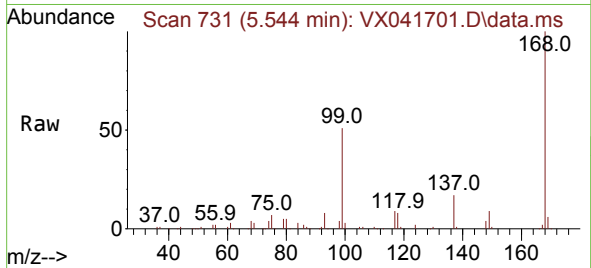




#36
1,1-Dichloropropene
Concen: 5.254 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX041701.D
Acq: 03 Jun 2024 13:57

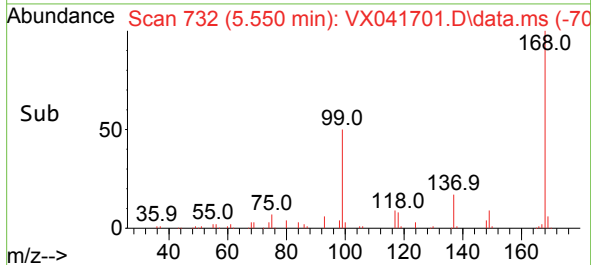
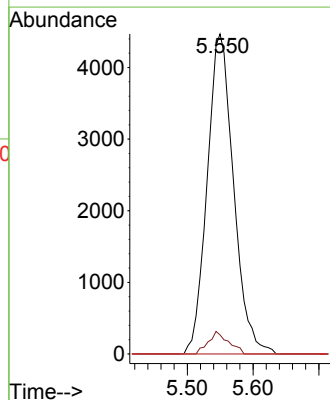
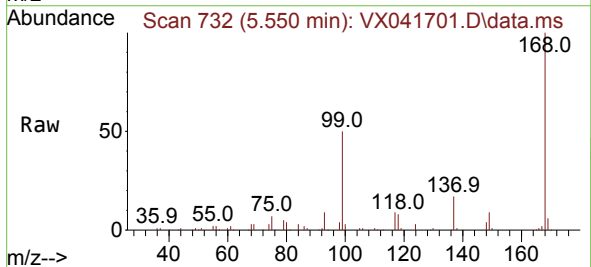
Instrument :
MSVOA_X
ClientSampleId :

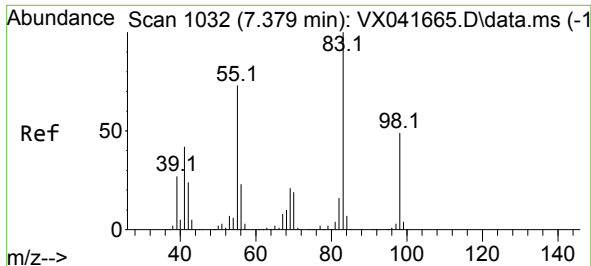
Tgt Ion: 75 Resp: 9457
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.104 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX041701.D
Acq: 03 Jun 2024 13:57

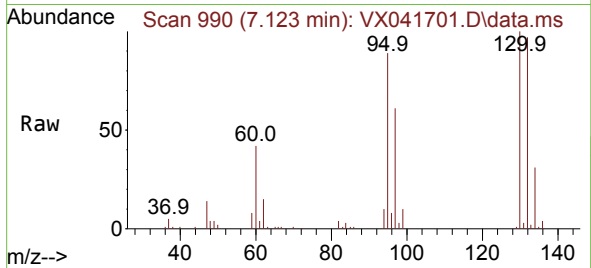
Tgt Ion: 117 Resp: 12483
Ion Ratio Lower Upper
117 100
119 6.0 78.2 117.2#
121 0.0 24.4 36.6#



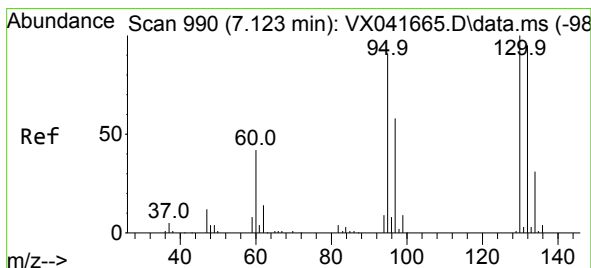
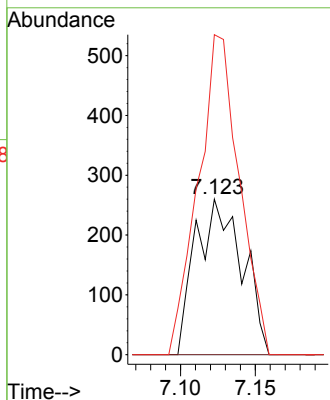
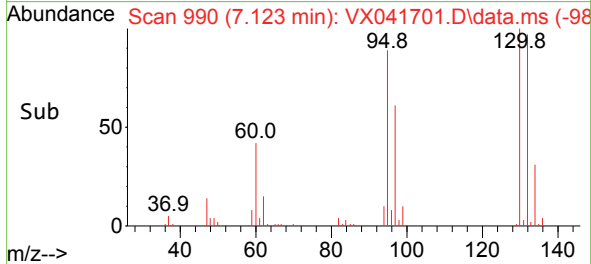


#39
Methylcyclohexane
Concen: 0.255 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.256 min
Lab File: VX041701.D
Acq: 03 Jun 2024 13:57

Instrument :
MSVOA_X
ClientSampleId :

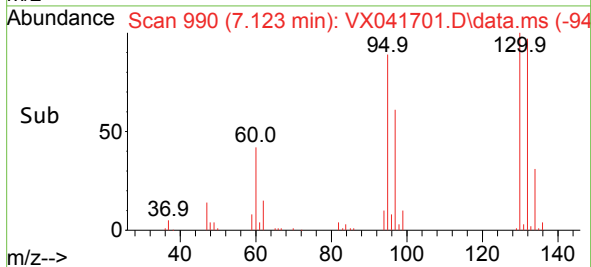
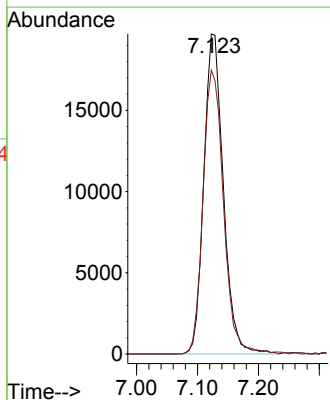
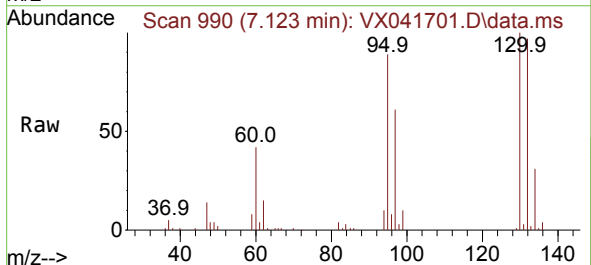


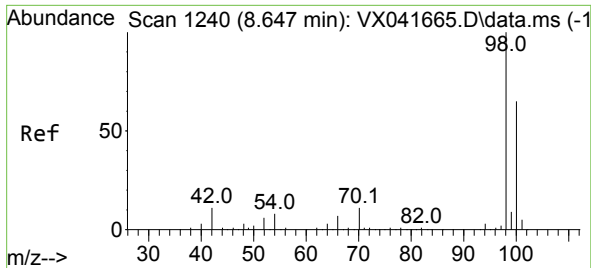
Tgt Ion: 83 Resp: 565
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 205.8 36.7 55.1#



#44
Trichloroethene
Concen: 28.702 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX041701.D
Acq: 03 Jun 2024 13:57

Tgt Ion:130 Resp: 43921
Ion Ratio Lower Upper
130 100
95 88.6 0.0 204.4

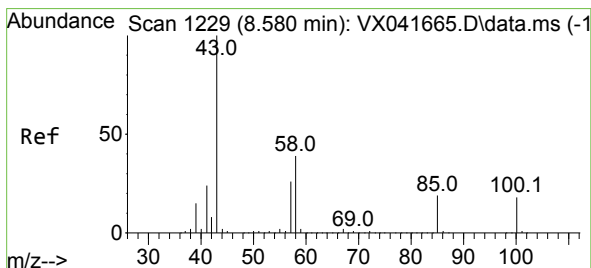
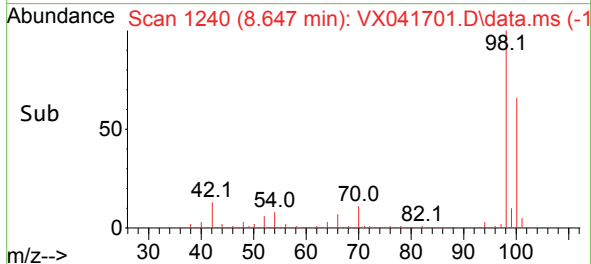
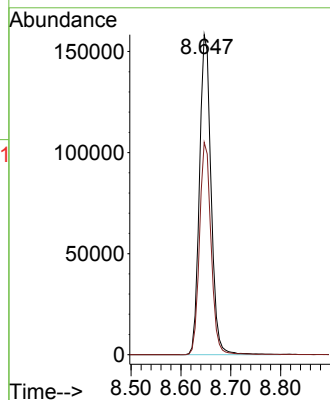
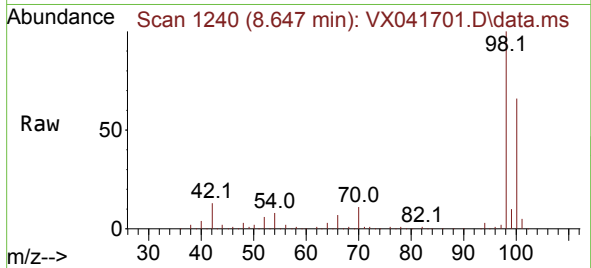




#50
Toluene-d8
Concen: 49.123 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041701.D
Acq: 03 Jun 2024 13:57

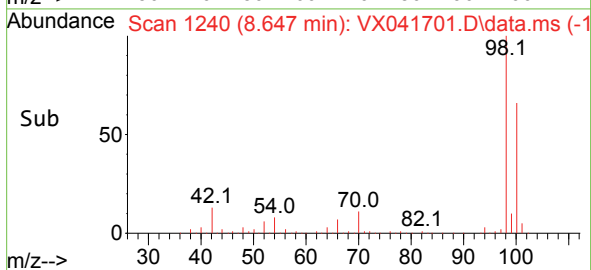
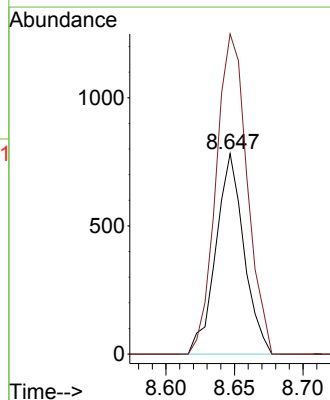
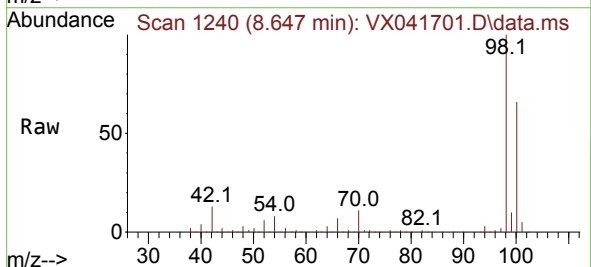
Instrument :
MSVOA_X
ClientSampleId :

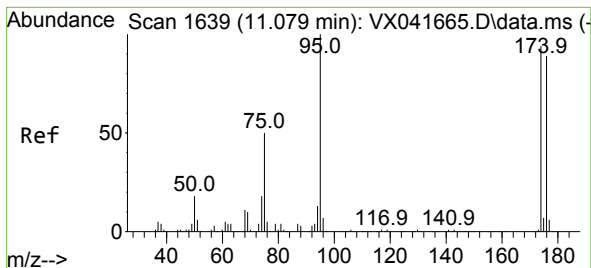
Tgt Ion: 98 Resp: 255170
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.500 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX041701.D
Acq: 03 Jun 2024 13:57

Tgt Ion: 43 Resp: 1112
Ion Ratio Lower Upper
43 100
58 177.5 30.4 45.6#

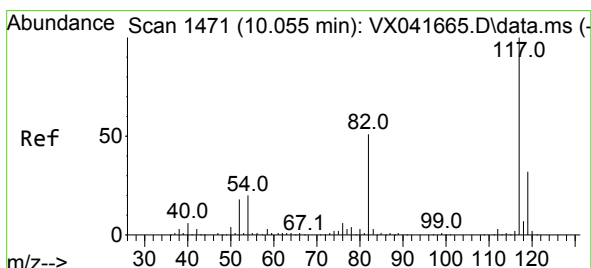
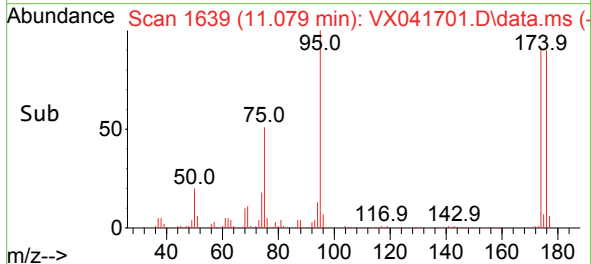
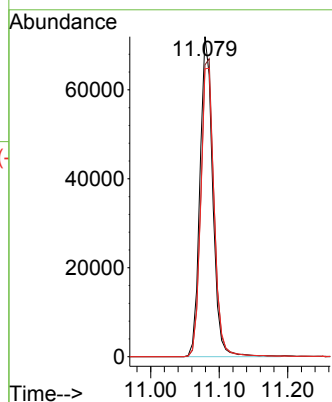
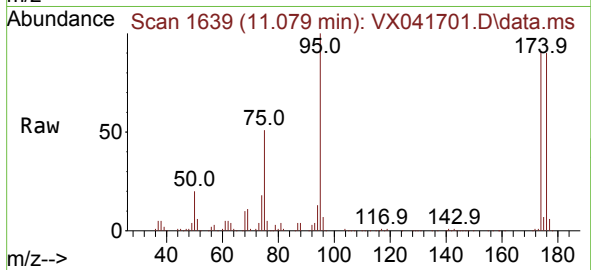




#62
4-Bromofluorobenzene
Concen: 48.724 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041701.D
Acq: 03 Jun 2024 13:57

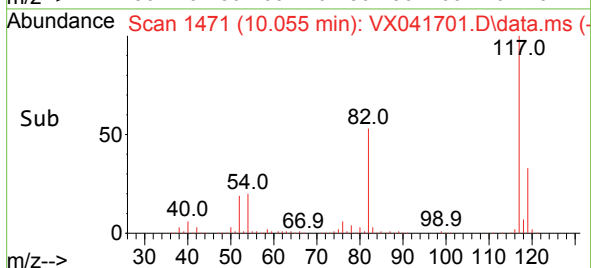
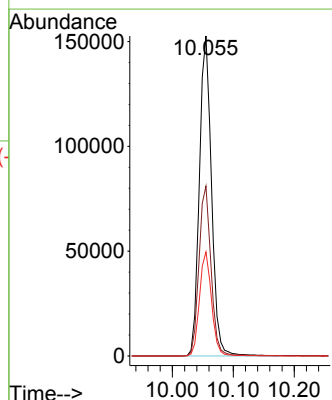
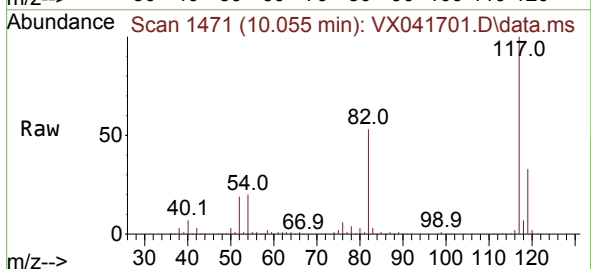
Instrument :
MSVOA_X
ClientSampleId :

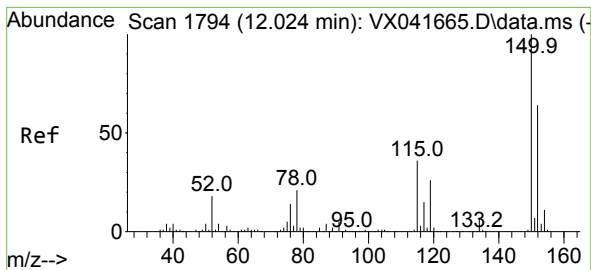
Tgt Ion: 95 Resp: 93413
Ion Ratio Lower Upper
95 100
174 97.1 0.0 135.6
176 95.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041701.D
Acq: 03 Jun 2024 13:57

Tgt Ion: 117 Resp: 211532
Ion Ratio Lower Upper
117 100
82 53.0 46.2 69.4
119 32.5 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041701.D

Acq: 03 Jun 2024 13:57

Instrument :

MSVOA_X

ClientSampleId :

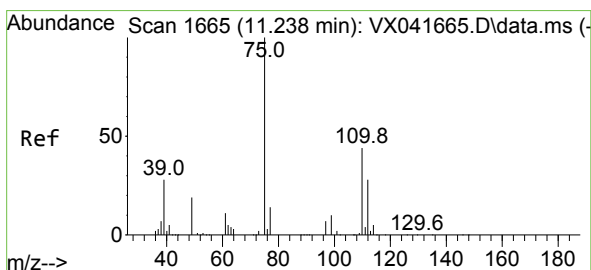
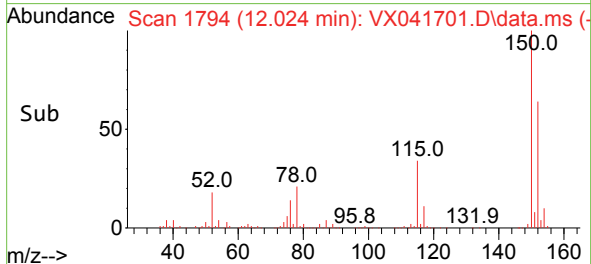
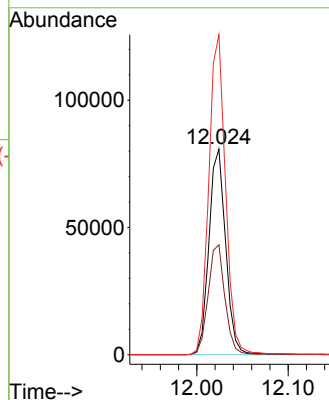
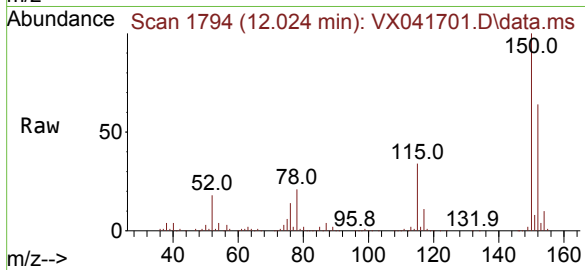
Tgt Ion:152 Resp: 102702

Ion Ratio Lower Upper

152 100

115 54.0 43.3 129.9

150 155.5 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 26.541 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041701.D

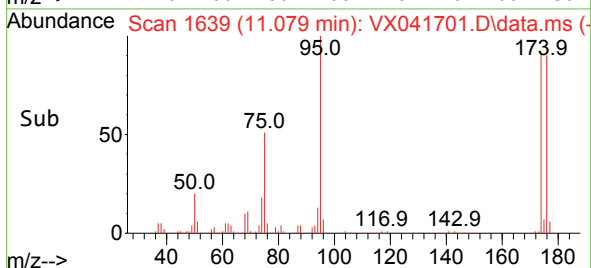
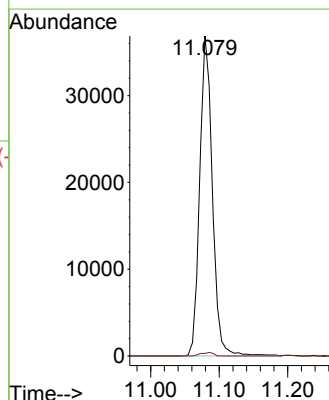
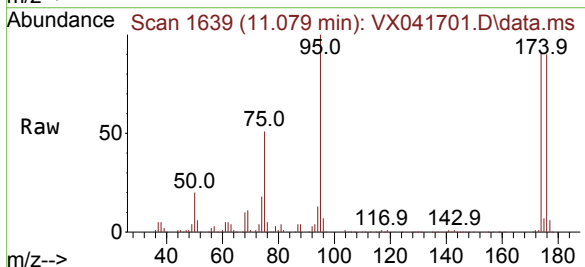
Acq: 03 Jun 2024 13:57

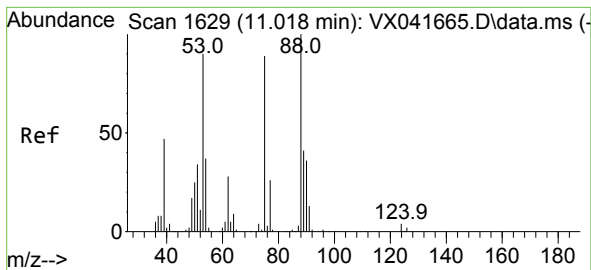
Tgt Ion: 75 Resp: 47560

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.338 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041701.D
 Acq: 03 Jun 2024 13:57

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 47560
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

