

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062824\
 Data File : VX042082.D
 Acq On : 28 Jun 2024 13:16
 Operator : JC/MD
 Sample : VX0628MBL01
 Misc : 5.00g/10.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628MBL01

Quant Time: Jun 29 04:18:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

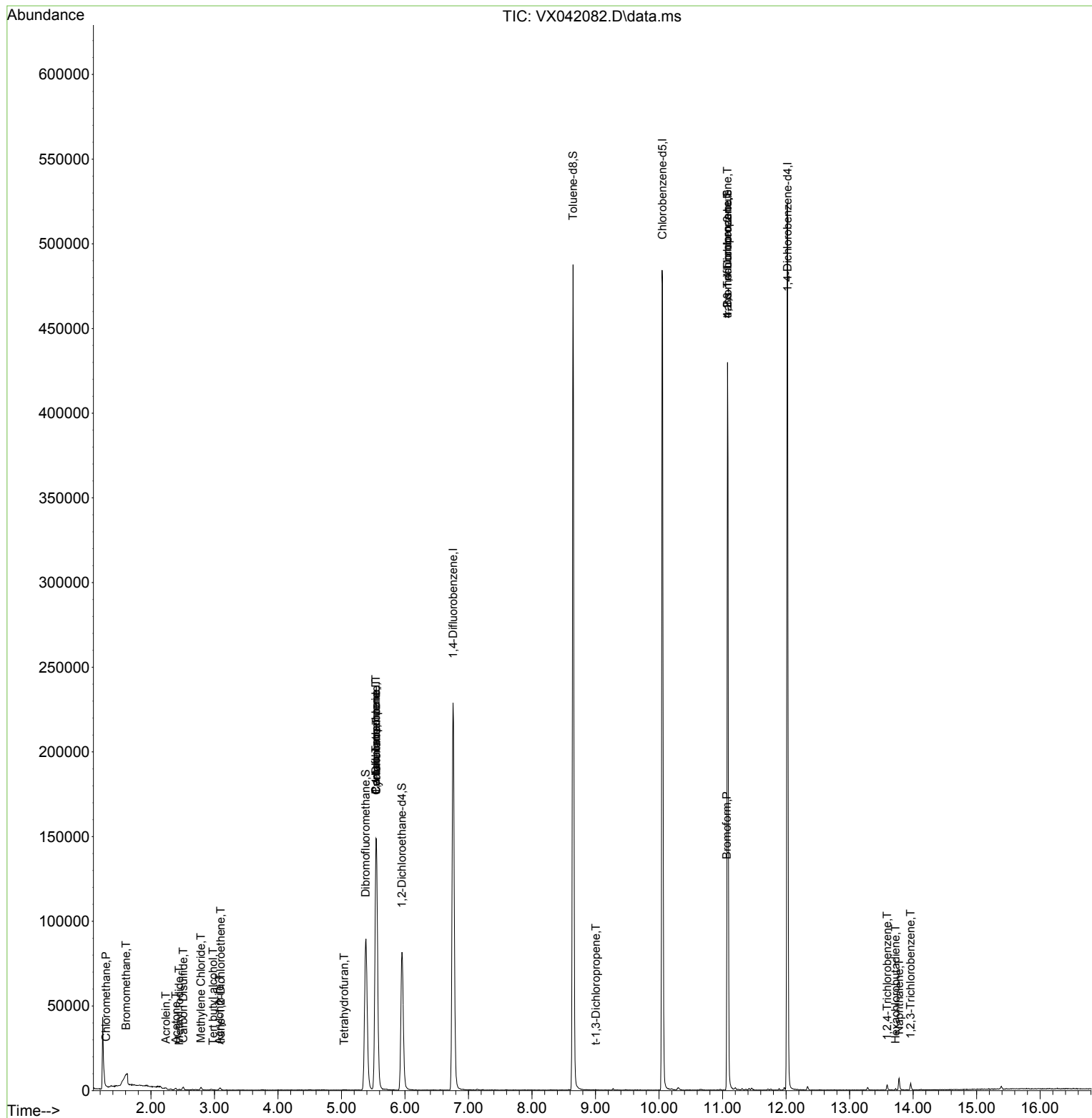
Internal Standards						
1) Pentafluorobenzene	5.544	168	170110	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	258928	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	254786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	127000	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78626	40.083	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	80.160%		
35) Dibromofluoromethane	5.379	113	79708	43.385	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.760%		
50) Toluene-d8	8.647	98	298417	46.235	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.480%		
62) 4-Bromofluorobenzene	11.079	95	115055	48.359	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.720%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	381	0.234	ug/l	# 43
5) Bromomethane	1.605	94	518	0.644	ug/l	# 63
6) Chloroethane	1.648	64	471	Below Cal		# 43
10) Methyl Iodide	2.447	142	406	0.222	ug/l	# 40
11) Tert butyl alcohol	2.977	59	242	0.650	ug/l	# 78
13) Acrolein	2.233	56	497	1.191	ug/l	# 95
15) Acrylonitrile	3.081	53	583	0.600	ug/l	# 88
16) Acetone	2.392	43	1092	1.268	ug/l	# 96
17) Carbon Disulfide	2.508	76	2467	0.825	ug/l	# 97
20) Methylene Chloride	2.788	84	819	0.434	ug/l	# 91
21) trans-1,2-Dichloroethene	3.099	96	462	0.310	ug/l	# 60
29) Tetrahydrofuran	5.044	42	270	0.312	ug/l	# 34
31) Cyclohexane	5.550	56	2253	0.982	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	9427	4.832	ug/l	# 51
38) Carbon Tetrachloride	5.544	117	14353	6.658	ug/l	# 16
53) t-1,3-Dichloropropene	9.007	75	167	0.965	ug/l	# 43
71) Bromoform	11.067	173	50	0.904	ug/l	# 29
76) 1,2,3-Trichloropropane	11.079	75	50615	21.953	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	50615	62.346	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.591	180	1303	0.481	ug/l	# 89
94) Hexachlorobutadiene	13.725	225	331	0.242	ug/l	# 73
95) Naphthalene	13.780	128	5864	1.382	ug/l	# 97
96) 1,2,3-Trichlorobenzene	13.963	180	1497	0.524	ug/l	# 96

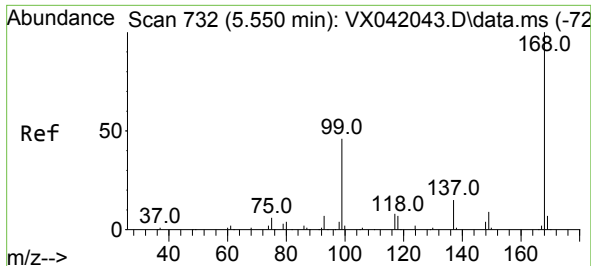
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062824\
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Sample : VX0628MBL01
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Jun 29 04:18:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
Response via : Initial Calibration

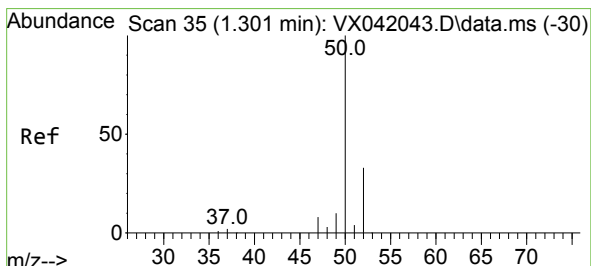
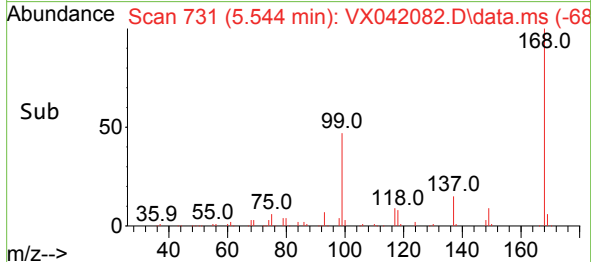
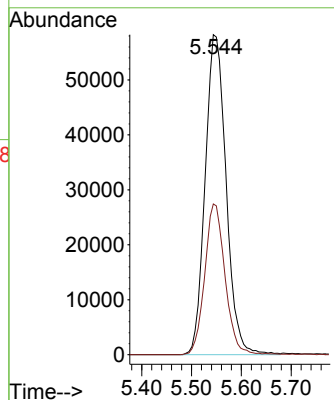
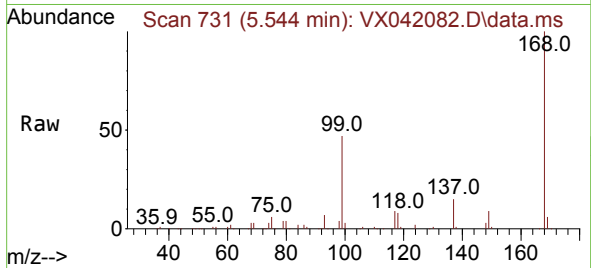




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX042082.D
Acq: 28 Jun 2024 13:16

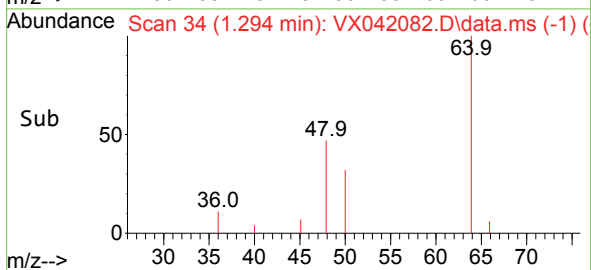
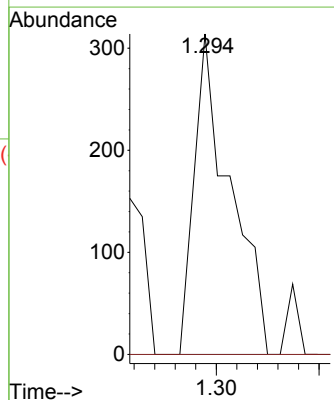
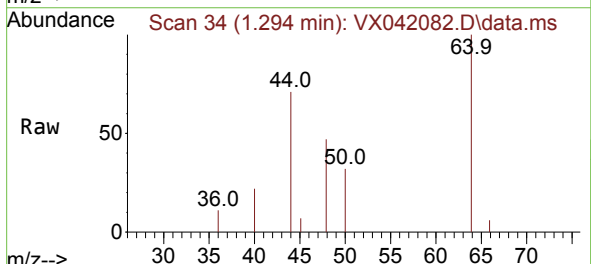
Instrument :
MSVOA_X
ClientSampleId :
VX0628MBL01

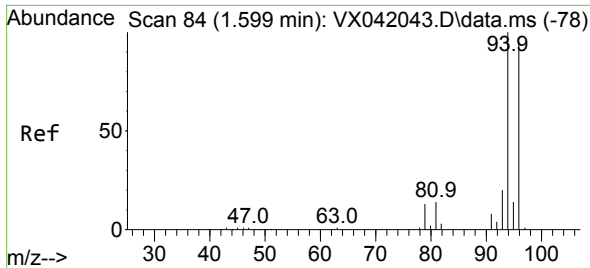
Tgt Ion:168 Resp: 170110
Ion Ratio Lower Upper
168 100
99 47.1 56.6 85.0#



#3
Chloromethane
Concen: 0.234 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.012 min
Lab File: VX042082.D
Acq: 28 Jun 2024 13:16

Tgt Ion: 50 Resp: 381
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

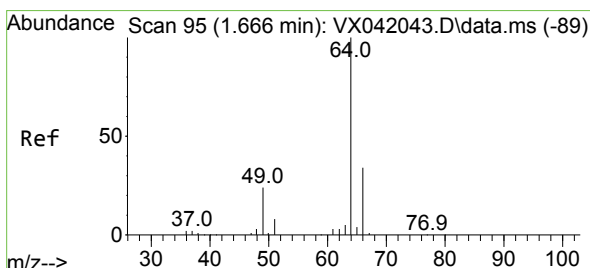
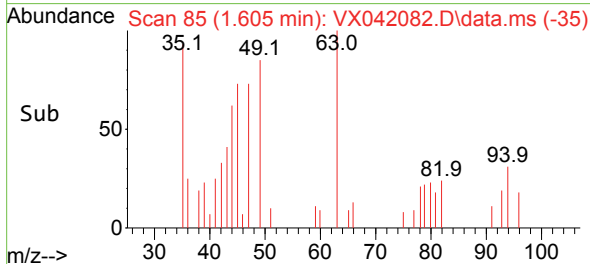
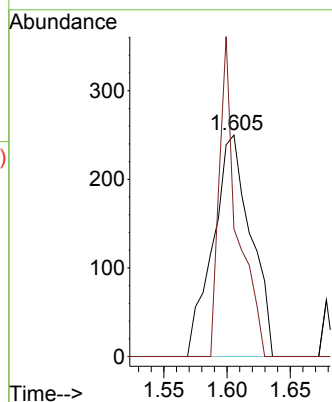
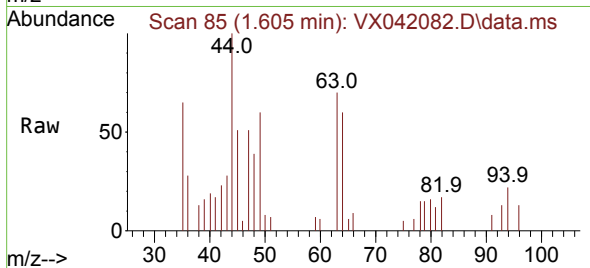




#5
Bromomethane
Concen: 0.644 ug/l
RT: 1.605 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX042082.D
Acq: 28 Jun 2024 13:16

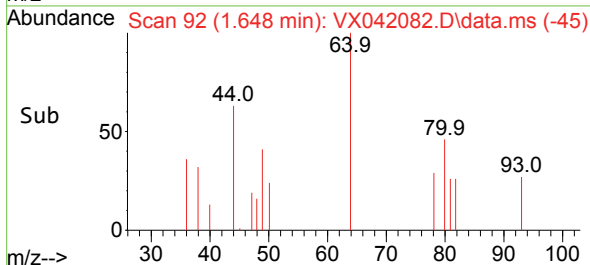
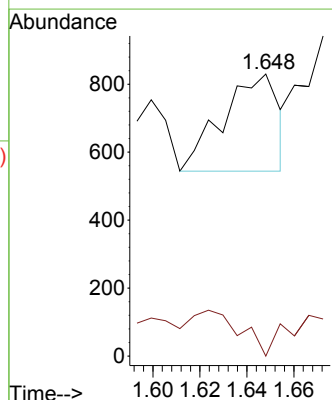
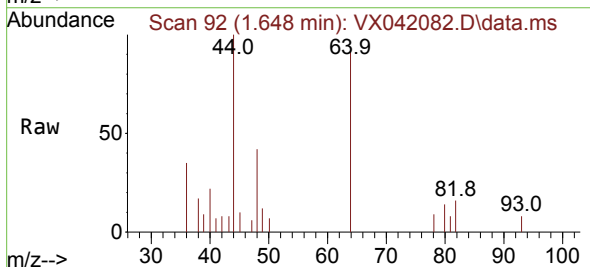
Instrument :
MSVOA_X
ClientSampleId :
VX0628MBL01

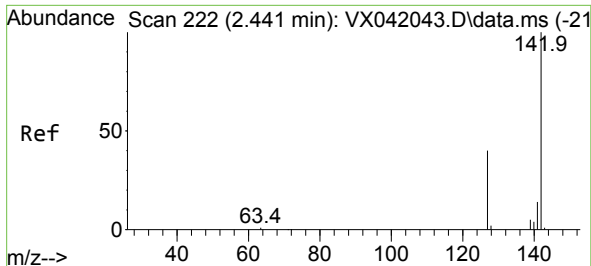
Tgt Ion: 94 Resp: 518
Ion Ratio Lower Upper
94 100
96 57.6 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.648 min Scan# 92
Delta R.T. -0.012 min
Lab File: VX042082.D
Acq: 28 Jun 2024 13:16

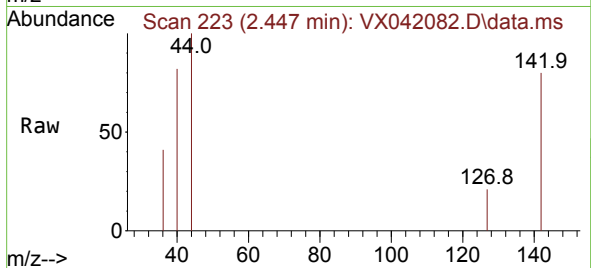
Tgt Ion: 64 Resp: 471
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



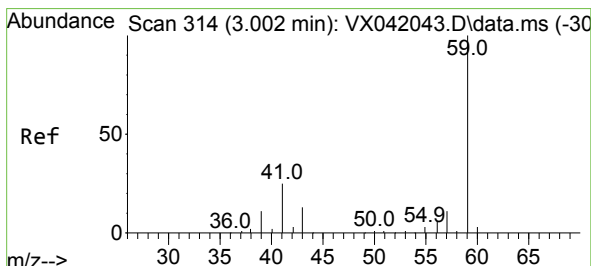
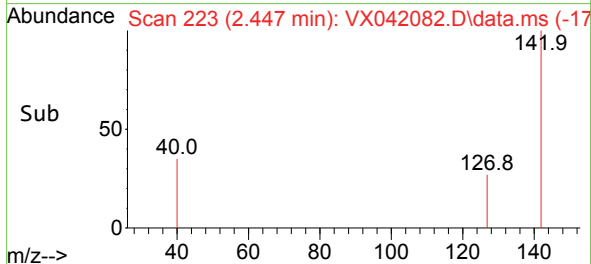
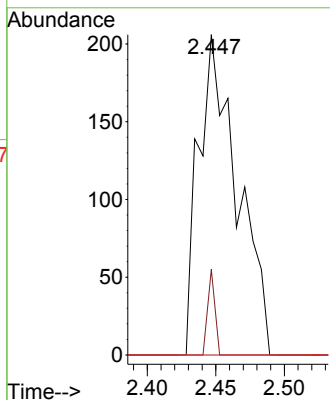


#10
Methyl Iodide
Concen: 0.222 ug/l
RT: 2.447 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX042082.D
Acq: 28 Jun 2024 13:16

Instrument :
MSVOA_X
ClientSampleId :
VX0628MBL01

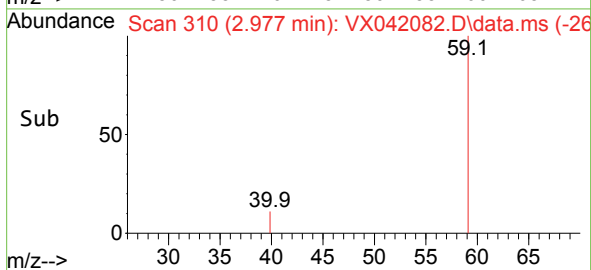
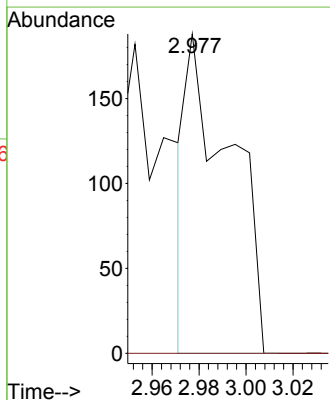
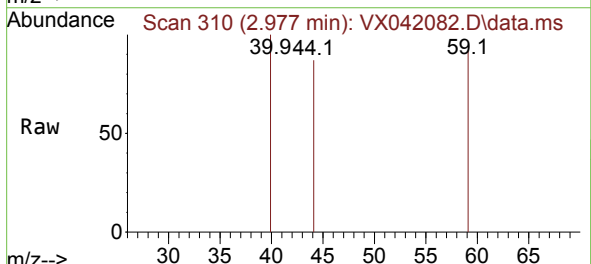


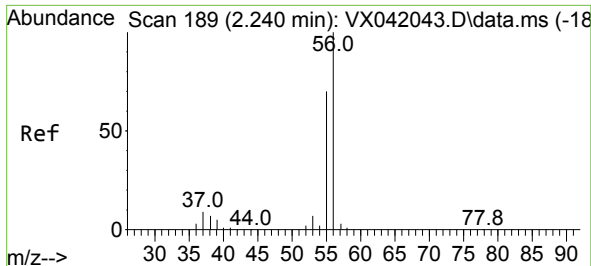
Tgt Ion:142 Resp: 406
Ion Ratio Lower Upper
142 100
127 4.9 41.6 62.4#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 0.650 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.030 min
Lab File: VX042082.D
Acq: 28 Jun 2024 13:16

Tgt Ion: 59 Resp: 242
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

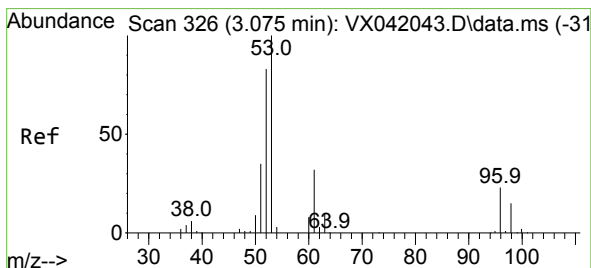
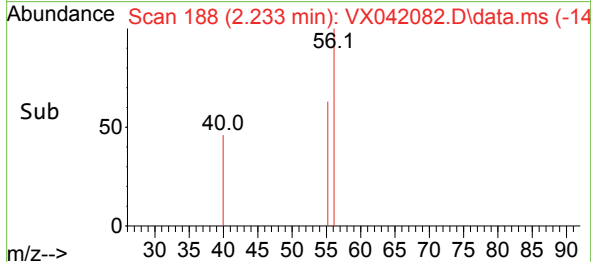
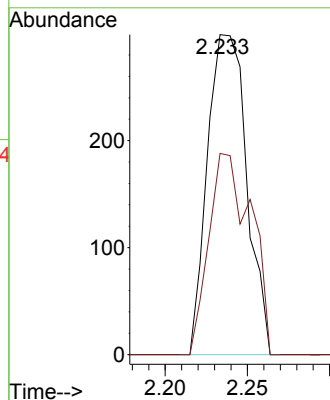
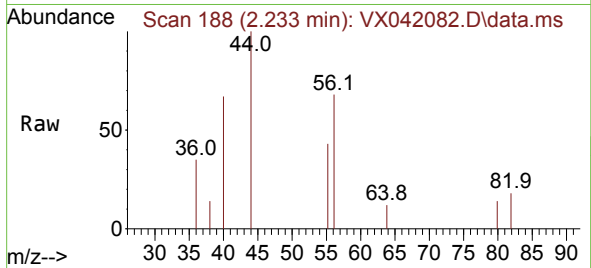




#13
Acrolein
Concen: 1.191 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX042082.D
Acq: 28 Jun 2024 13:16

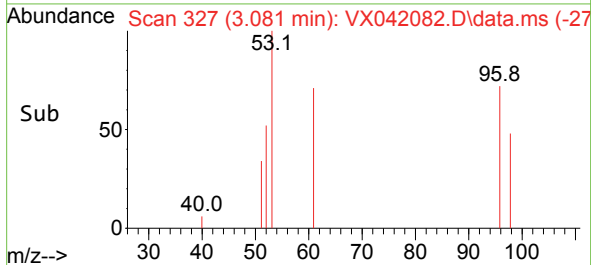
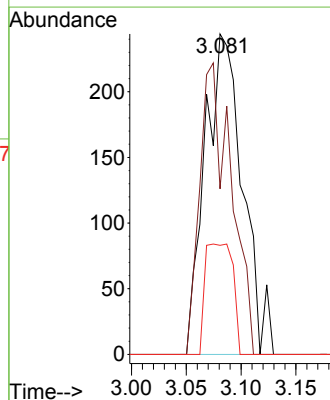
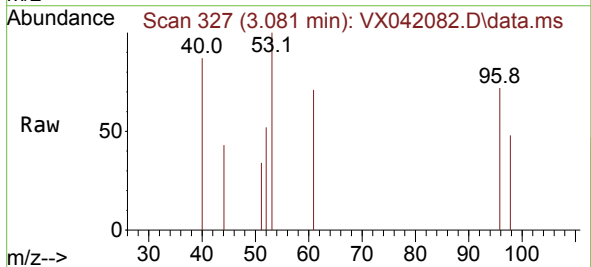
Instrument :
MSVOA_X
ClientSampleId :
VX0628MBL01

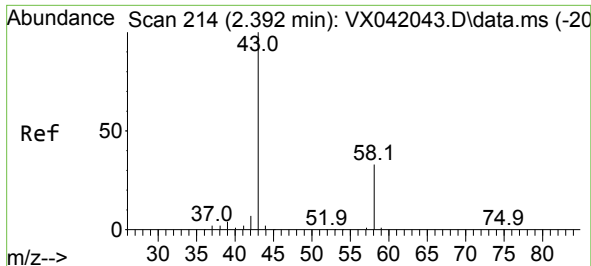
Tgt Ion: 56 Resp: 497
Ion Ratio Lower Upper
56 100
55 67.6 57.1 85.7



#15
Acrylonitrile
Concen: 0.600 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.006 min
Lab File: VX042082.D
Acq: 28 Jun 2024 13:16

Tgt Ion: 53 Resp: 583
Ion Ratio Lower Upper
53 100
52 75.5 66.0 99.0
51 25.2 29.8 44.6#

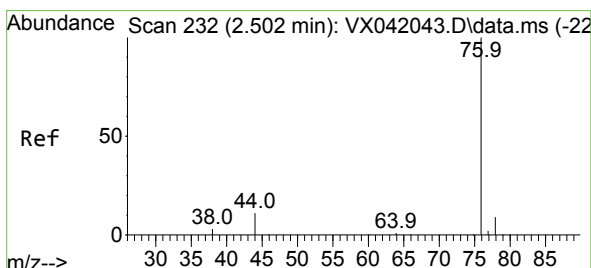
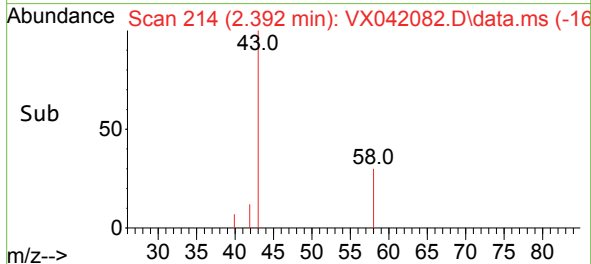
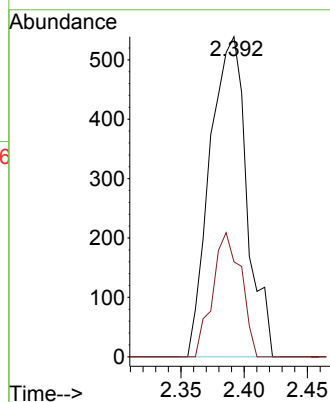
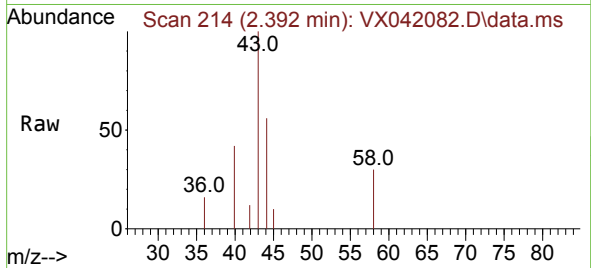




#16
Acetone
Concen: 1.268 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042082.D
Acq: 28 Jun 2024 13:16

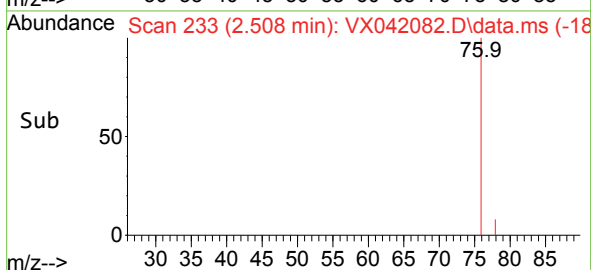
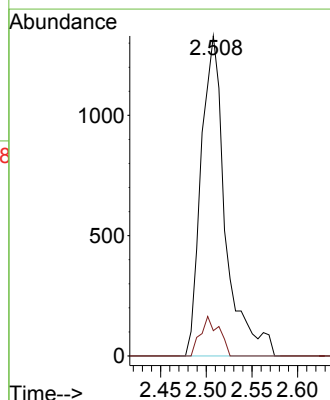
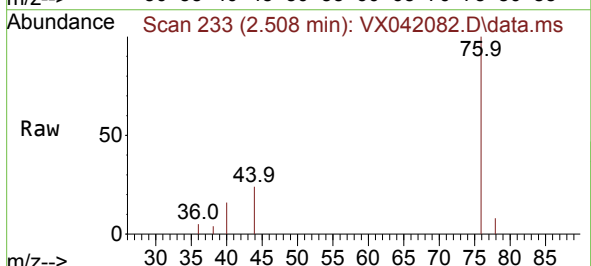
Instrument :
MSVOA_X
ClientSampleId :
VX0628MBL01

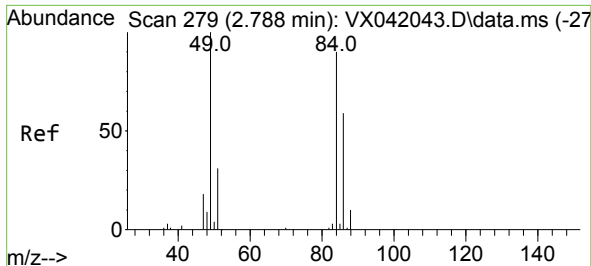
Tgt Ion: 43 Resp: 1092
Ion Ratio Lower Upper
43 100
58 29.7 21.9 32.9



#17
Carbon Disulfide
Concen: 0.825 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX042082.D
Acq: 28 Jun 2024 13:16

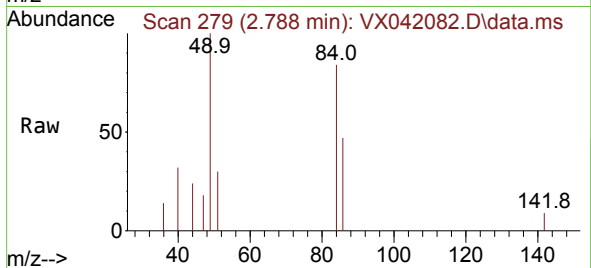
Tgt Ion: 76 Resp: 2467
Ion Ratio Lower Upper
76 100
78 7.9 7.0 10.6





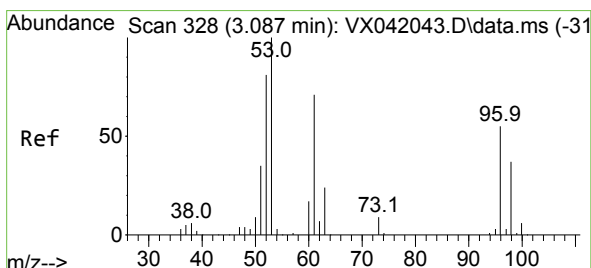
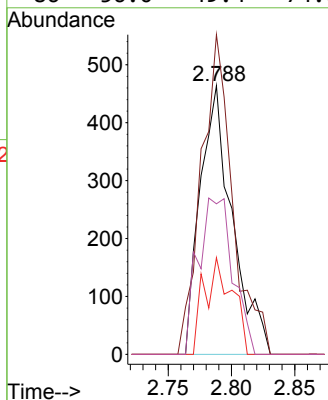
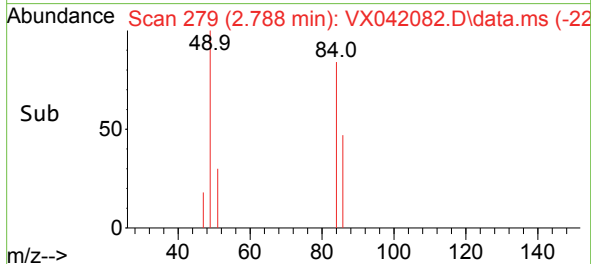
#20
Methylene Chloride
Concen: 0.434 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX042082.D
Acq: 28 Jun 2024 13:16

Instrument :
MSVOA_X
ClientSampleId :
VX0628MBL01

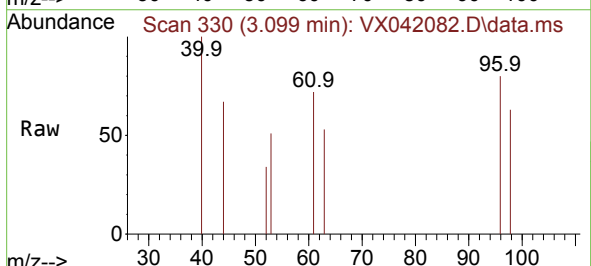


Tgt Ion: 84 Resp: 819

Ion	Ratio	Lower	Upper
84	100		
49	119.0	103.6	155.4
51	36.0	33.8	50.6
86	56.0	49.4	74.0

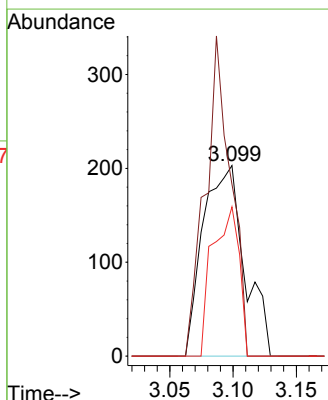
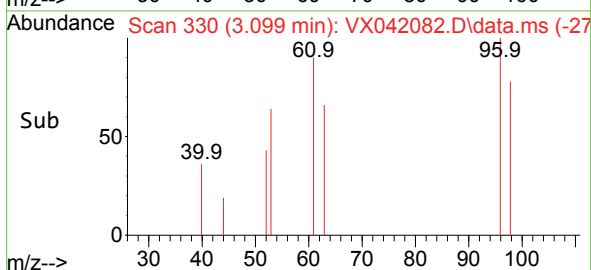


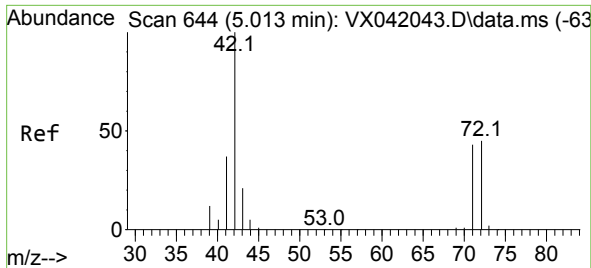
#21
trans-1,2-Dichloroethene
Concen: 0.310 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.012 min
Lab File: VX042082.D
Acq: 28 Jun 2024 13:16



Tgt Ion: 96 Resp: 462

Ion	Ratio	Lower	Upper
96	100		
61	90.1	119.2	178.8#
98	78.3	48.7	73.1#





#29

Tetrahydrofuran

Concen: 0.312 ug/l

RT: 5.044 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX042082.D

Acq: 28 Jun 2024 13:16

Instrument :

MSVOA_X

ClientSampleId :

VX0628MBL01

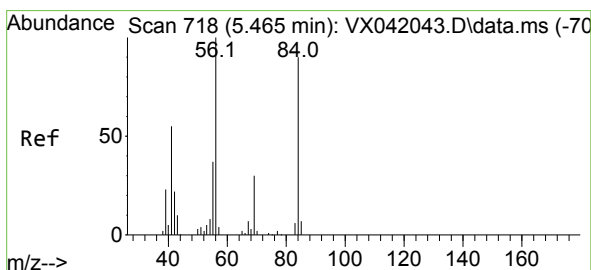
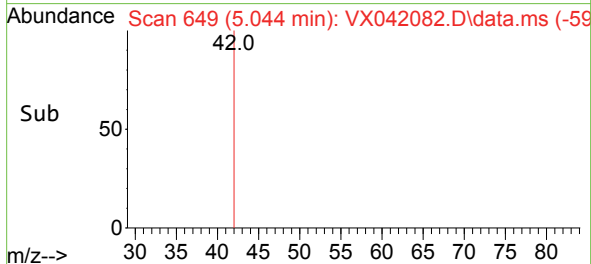
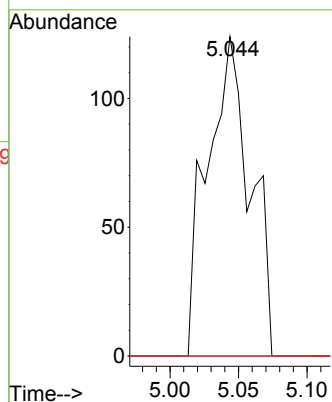
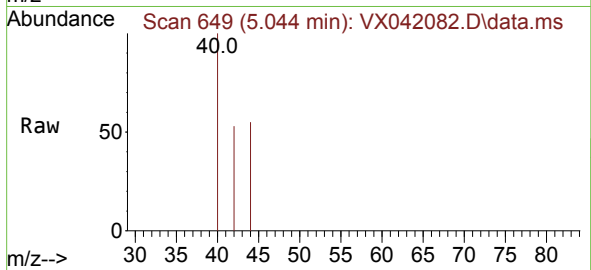
Tgt Ion: 42 Resp: 270

Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

71 0.0 32.2 48.2#



#31

Cyclohexane

Concen: 0.982 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX042082.D

Acq: 28 Jun 2024 13:16

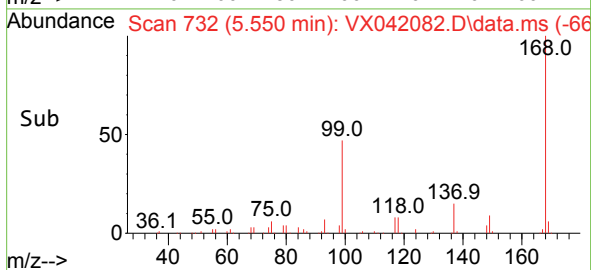
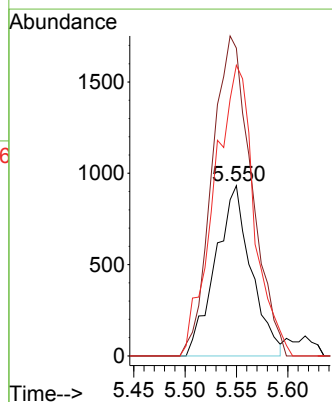
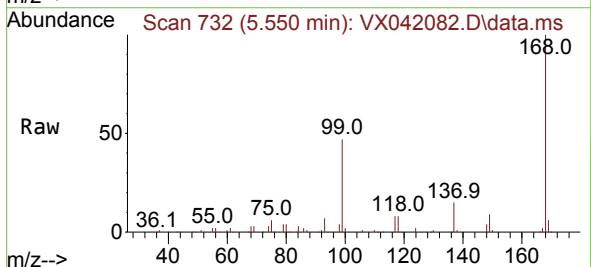
Tgt Ion: 56 Resp: 2253

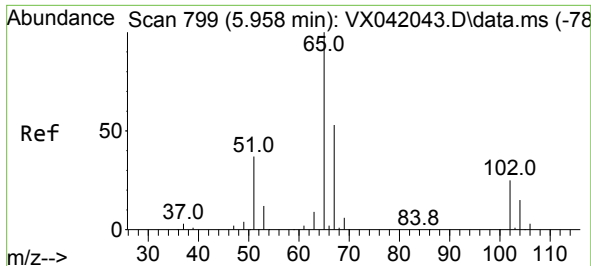
Ion Ratio Lower Upper

56 100

69 180.8 23.4 35.2#

84 170.8 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 40.083 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX042082.D

Acq: 28 Jun 2024 13:16

Instrument :

MSVOA_X

ClientSampleId :

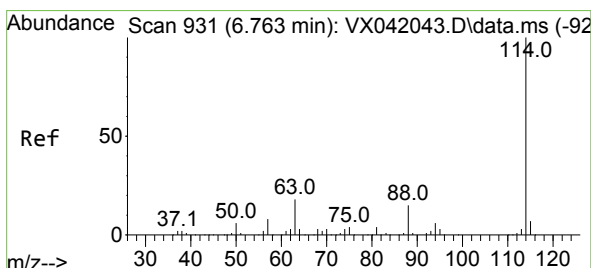
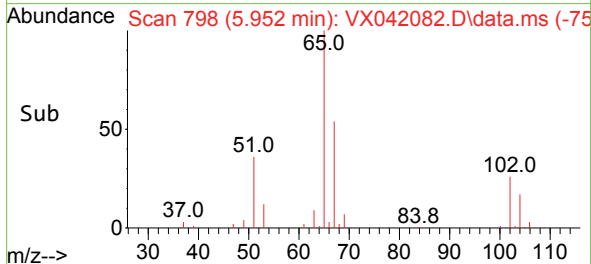
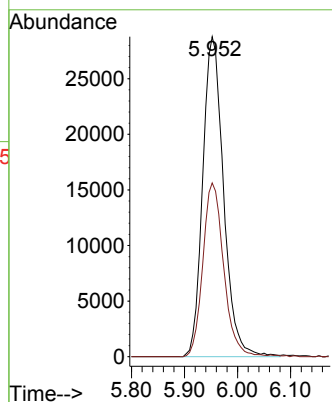
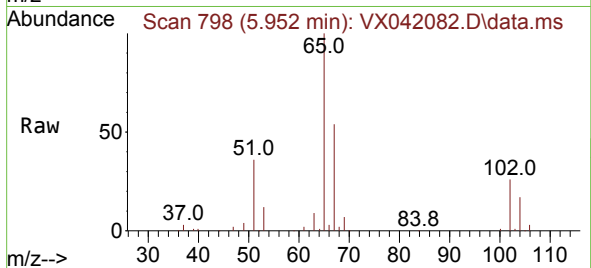
VX0628MBL01

Tgt Ion: 65 Resp: 78626

Ion Ratio Lower Upper

65 100

67 54.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX042082.D

Acq: 28 Jun 2024 13:16

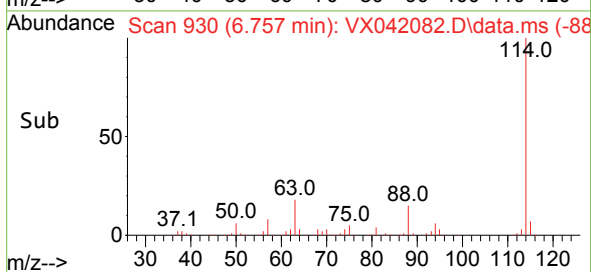
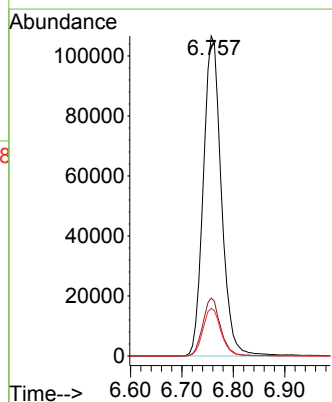
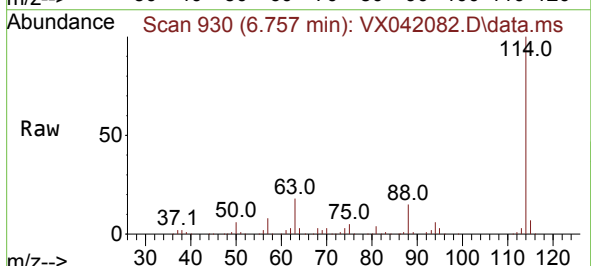
Tgt Ion: 114 Resp: 258928

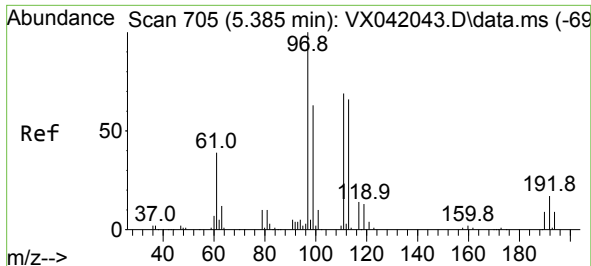
Ion Ratio Lower Upper

114 100

63 18.1 0.0 45.0

88 14.9 0.0 36.6

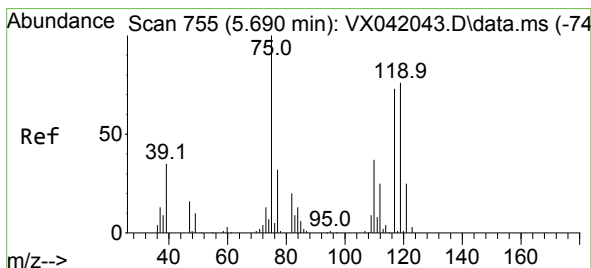
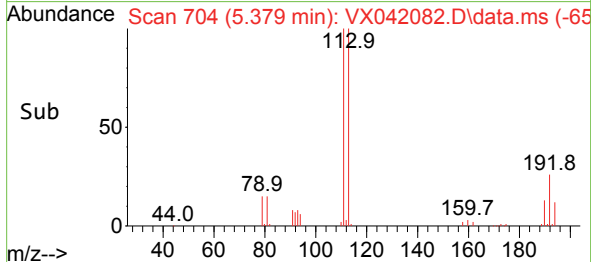
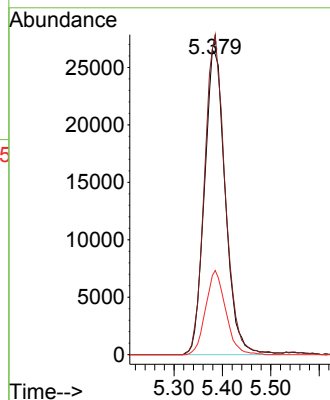
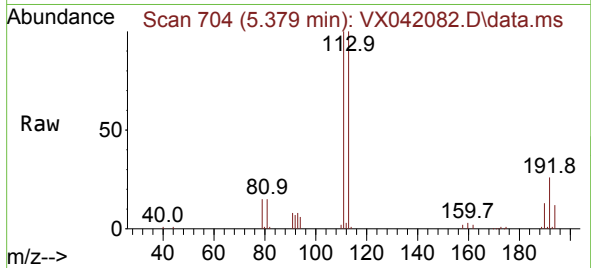




#35
Dibromofluoromethane
Concen: 43.385 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX042082.D
Acq: 28 Jun 2024 13:16

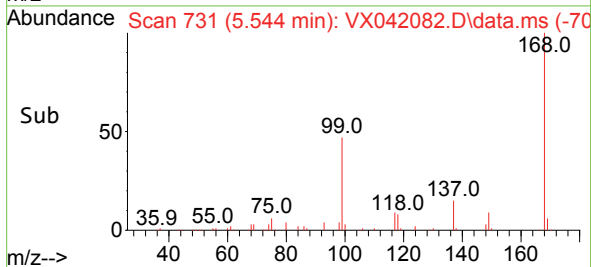
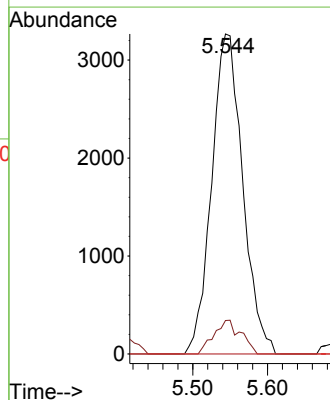
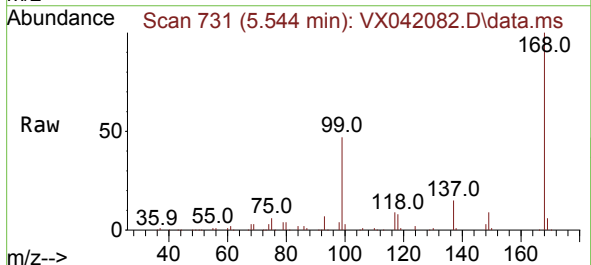
Instrument :
MSVOA_X
ClientSampleId :
VX0628MBL01

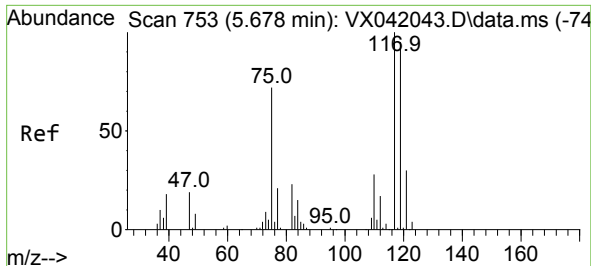
Tgt Ion:113 Resp: 79708
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 26.5 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.832 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX042082.D
Acq: 28 Jun 2024 13:16

Tgt Ion: 75 Resp: 9427
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#

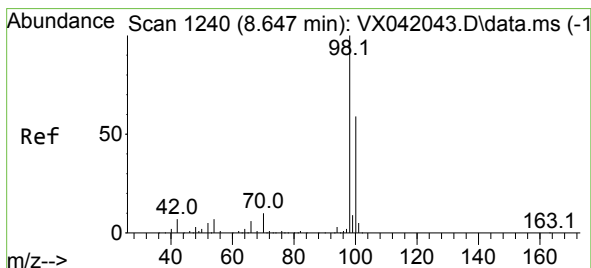
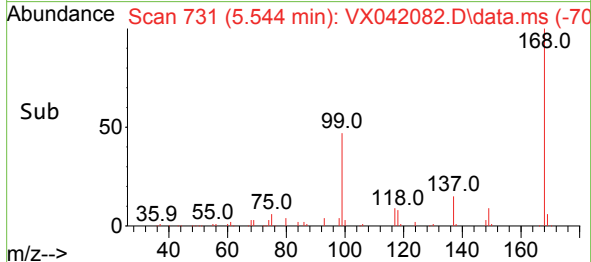
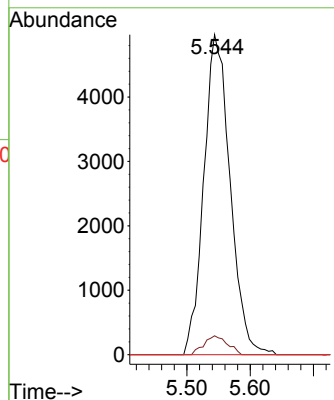
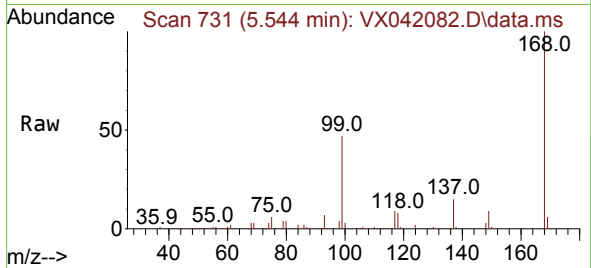




#38
Carbon Tetrachloride
Concen: 6.658 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX042082.D
Acq: 28 Jun 2024 13:16

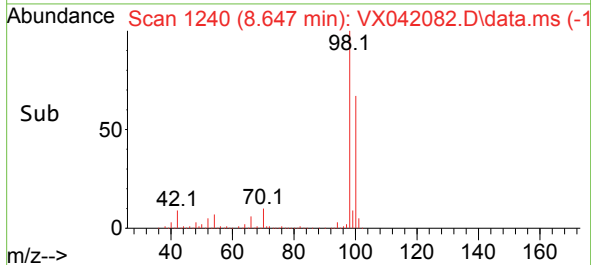
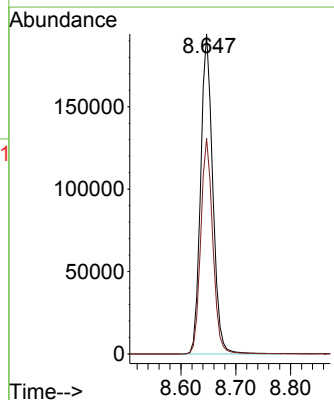
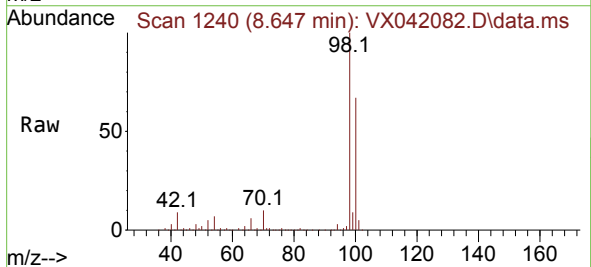
Instrument :
MSVOA_X
ClientSampleId :
VX0628MBL01

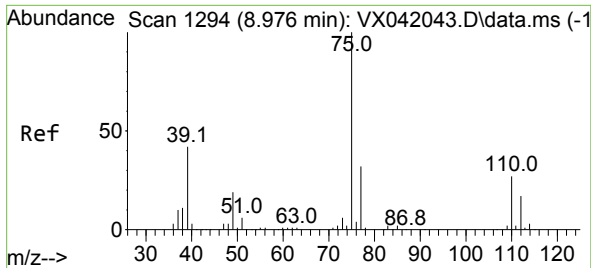
Tgt Ion:117 Resp: 14353
Ion Ratio Lower Upper
117 100
119 5.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.235 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042082.D
Acq: 28 Jun 2024 13:16

Tgt Ion: 98 Resp: 298417
Ion Ratio Lower Upper
98 100
100 67.1 53.1 79.7

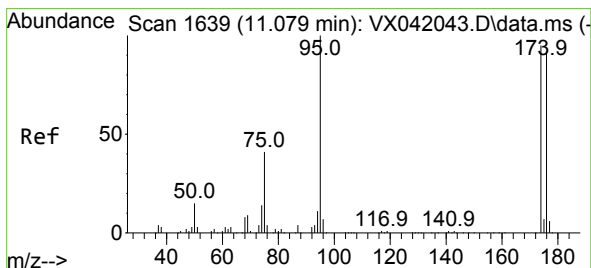
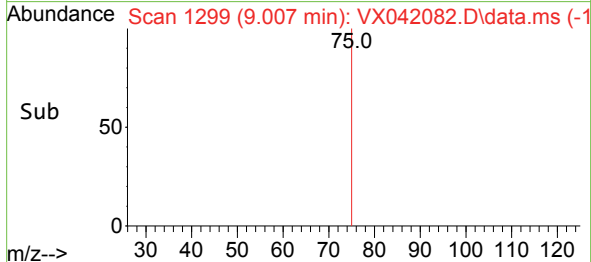
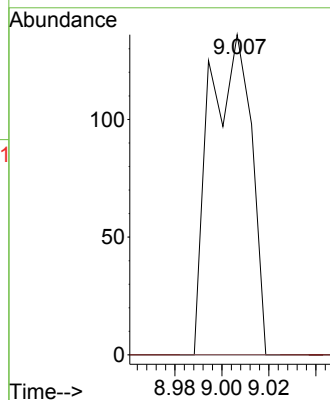
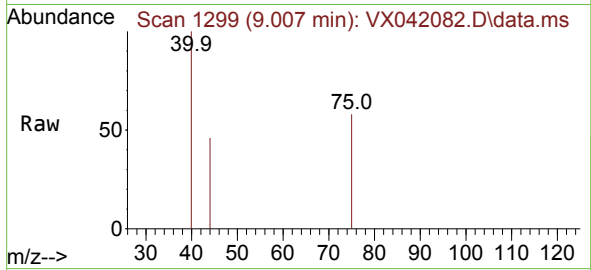




#53
t-1,3-Dichloropropene
Concen: 0.965 ug/l
RT: 9.007 min Scan# 11
Delta R.T. 0.025 min
Lab File: VX042082.D
Acq: 28 Jun 2024 13:16

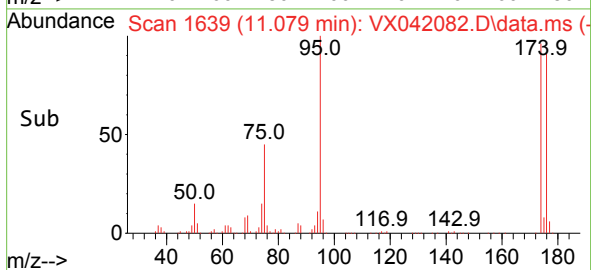
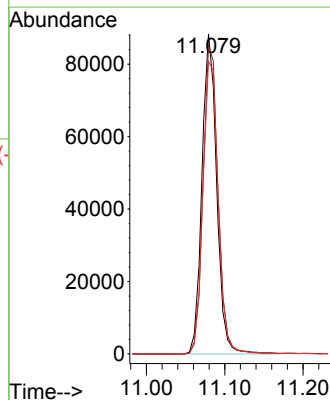
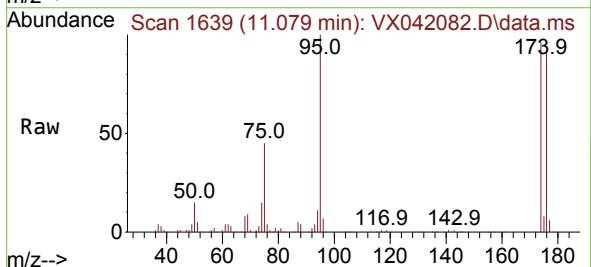
Instrument :
MSVOA_X
ClientSampleId :
VX0628MBL01

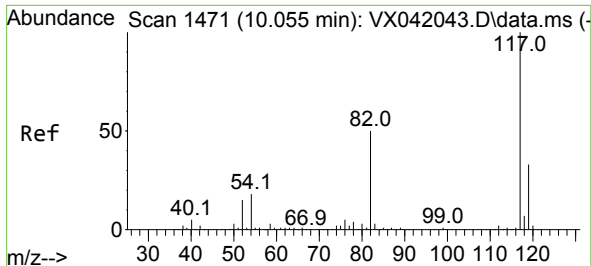
Tgt Ion: 75 Resp: 167
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#



#62
4-Bromofluorobenzene
Concen: 48.359 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042082.D
Acq: 28 Jun 2024 13:16

Tgt Ion: 95 Resp: 115055
Ion Ratio Lower Upper
95 100
174 98.7 0.0 135.6
176 95.7 0.0 131.0

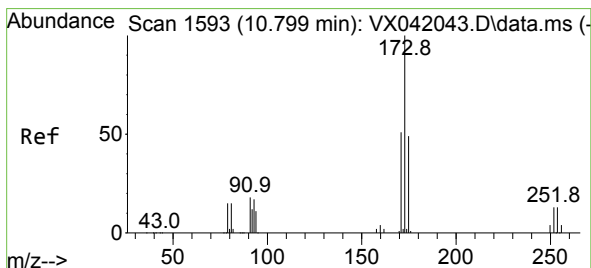
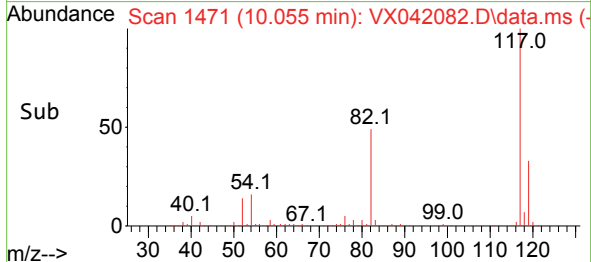
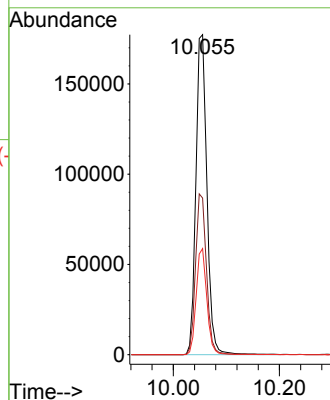
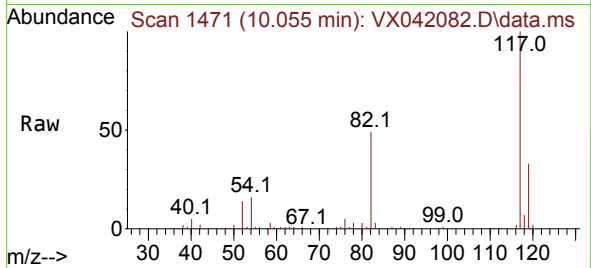




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042082.D
Acq: 28 Jun 2024 13:16

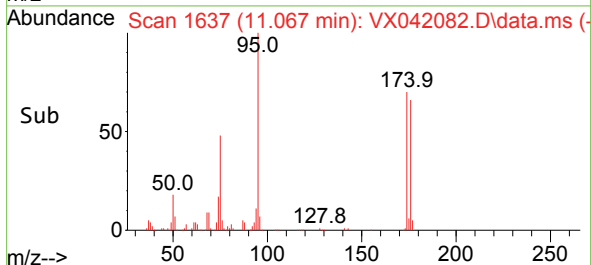
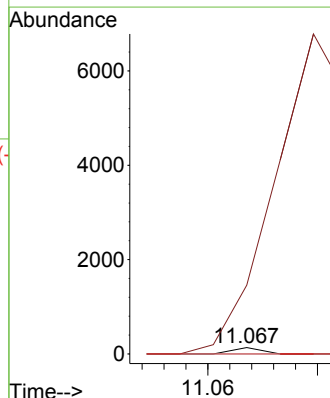
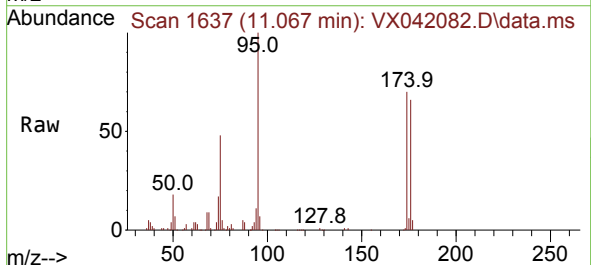
Instrument :
MSVOA_X
ClientSampleId :
VX0628MBL01

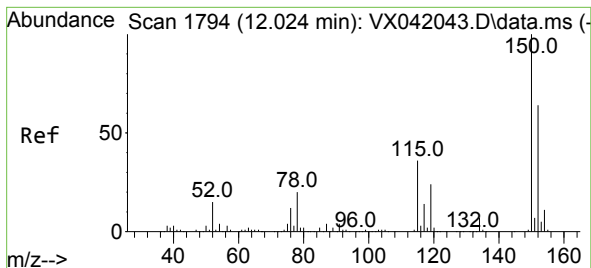
Tgt Ion:117 Resp: 254786
Ion Ratio Lower Upper
117 100
82 49.0 46.2 69.4
119 33.2 25.5 38.3



#71
Bromoform
Concen: 0.904 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.268 min
Lab File: VX042082.D
Acq: 28 Jun 2024 13:16

Tgt Ion:173 Resp: 50
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.4#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042082.D

Acq: 28 Jun 2024 13:16

Instrument :

MSVOA_X

ClientSampleId :

VX0628MBL01

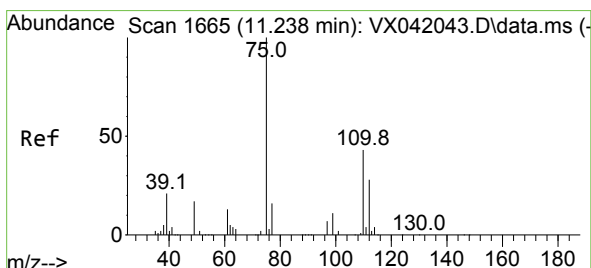
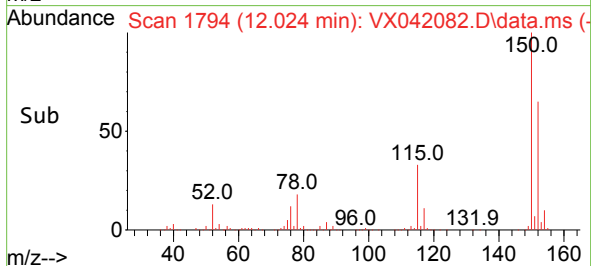
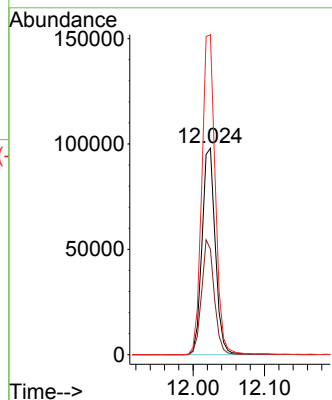
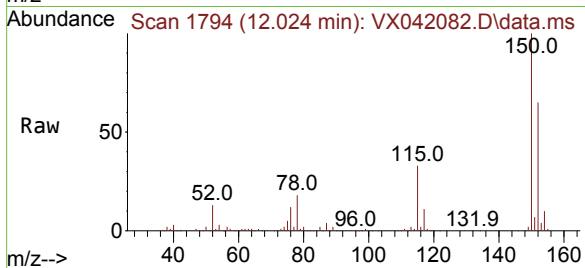
Tgt Ion:152 Resp: 127000

Ion Ratio Lower Upper

152 100

115 53.0 43.3 129.9

150 157.0 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 21.953 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX042082.D

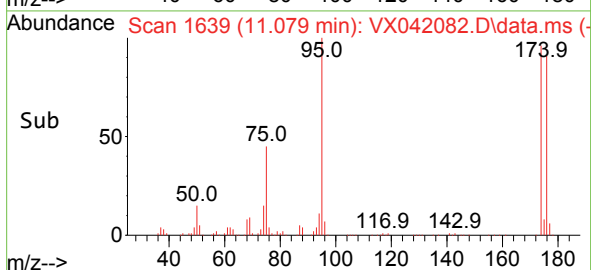
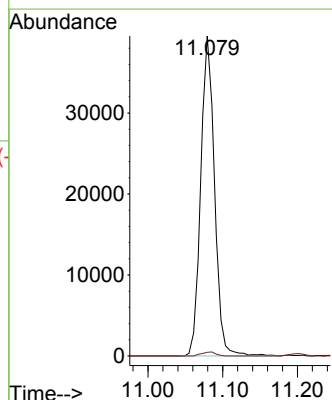
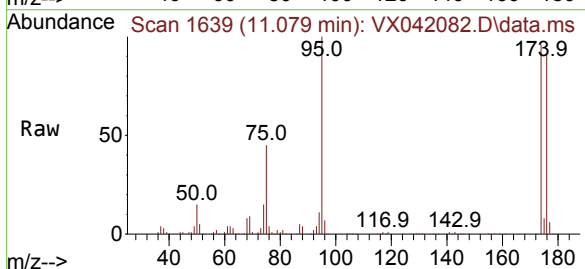
Acq: 28 Jun 2024 13:16

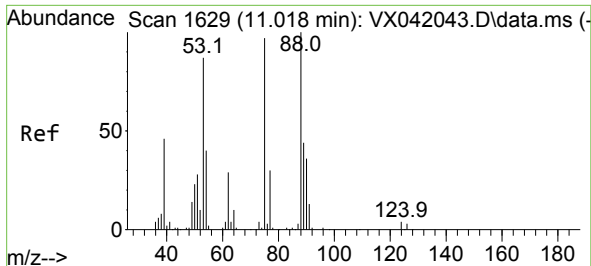
Tgt Ion: 75 Resp: 50615

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#

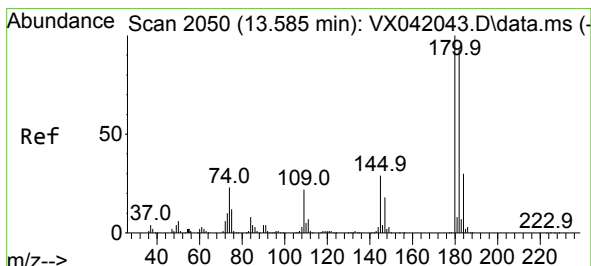
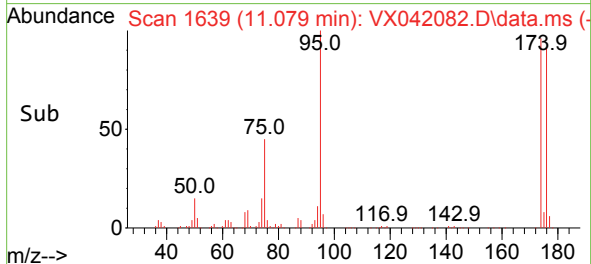
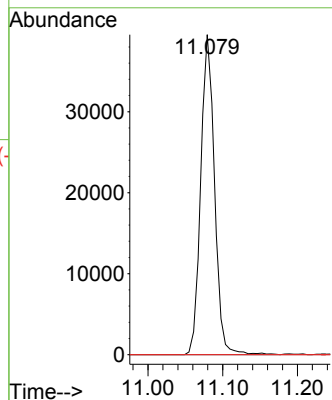
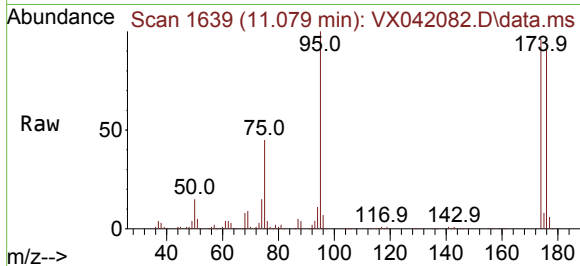




#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.346 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX042082.D
 Acq: 28 Jun 2024 13:16

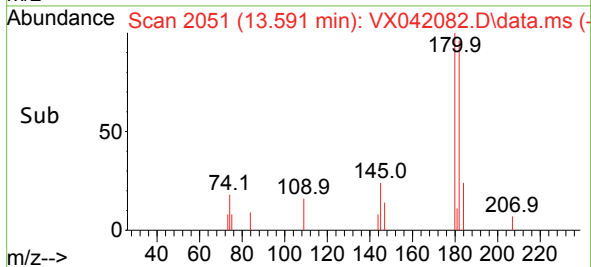
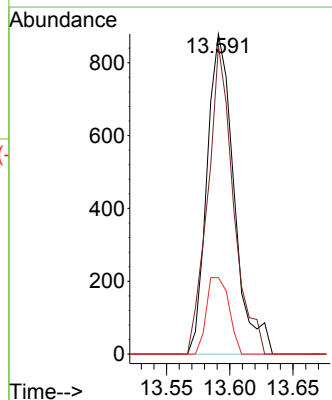
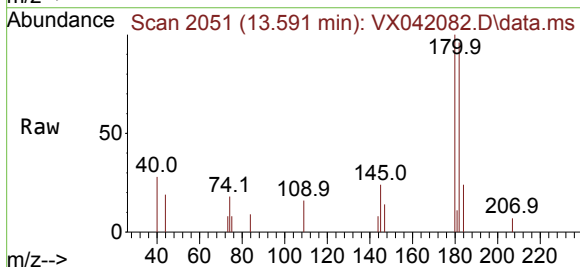
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628MBL01

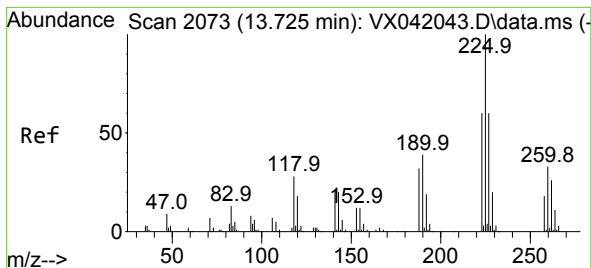
Tgt Ion: 75 Resp: 50615
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.481 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX042082.D
 Acq: 28 Jun 2024 13:16

Tgt Ion:180 Resp: 1303
 Ion Ratio Lower Upper
 180 100
 182 91.6 48.3 144.8
 145 20.0 18.0 54.0





#94

Hexachlorobutadiene

Concen: 0.242 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX042082.D

Acq: 28 Jun 2024 13:16

Instrument :

MSVOA_X

ClientSampleId :

VX0628MBL01

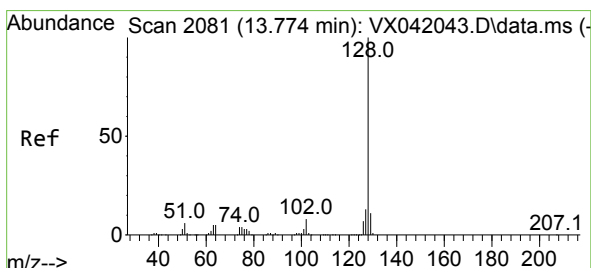
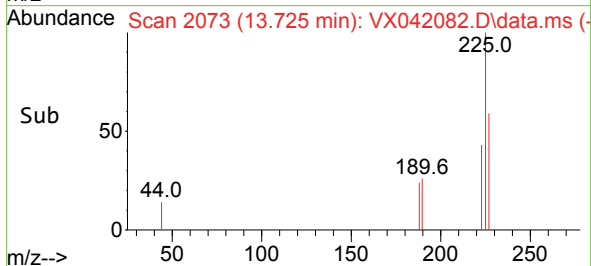
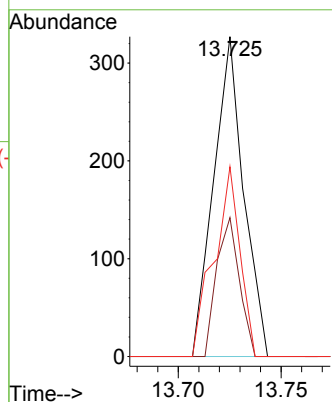
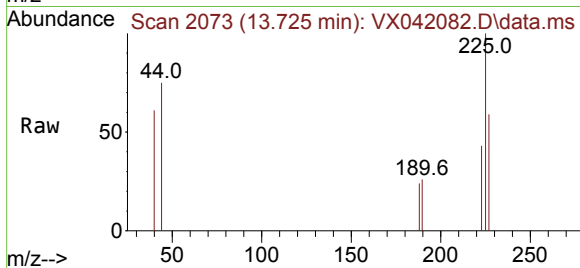
Tgt Ion:225 Resp: 331

Ion Ratio Lower Upper

225 100

223 32.9 31.1 93.2

227 51.4 32.5 97.5



#95

Naphthalene

Concen: 1.382 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX042082.D

Acq: 28 Jun 2024 13:16

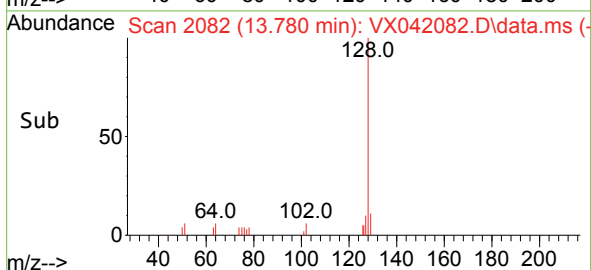
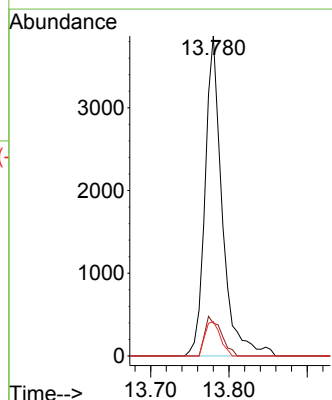
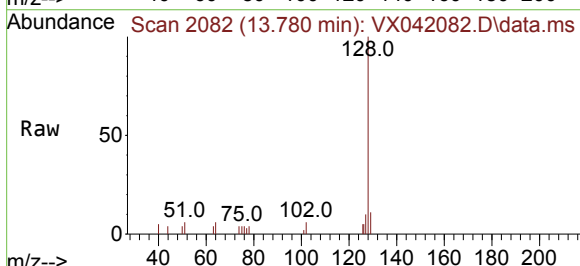
Tgt Ion:128 Resp: 5864

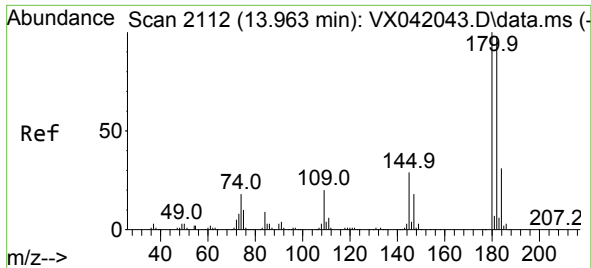
Ion Ratio Lower Upper

128 100

127 11.7 10.3 15.5

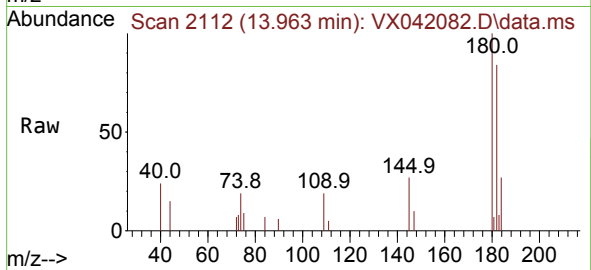
129 9.6 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.524 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX042082.D
 Acq: 28 Jun 2024 13:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628MBL01



Tgt Ion:	180	Resp:	1497
Ion Ratio	Lower	Upper	
180	100		
182	91.5	46.9	140.6
145	29.7	17.8	53.5

