

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040824\
 Data File : VX040916.D
 Acq On : 08 Apr 2024 09:55
 Operator : JC/MD
 Sample : VX0408MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408MBL01

Quant Time: Apr 09 02:44:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

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

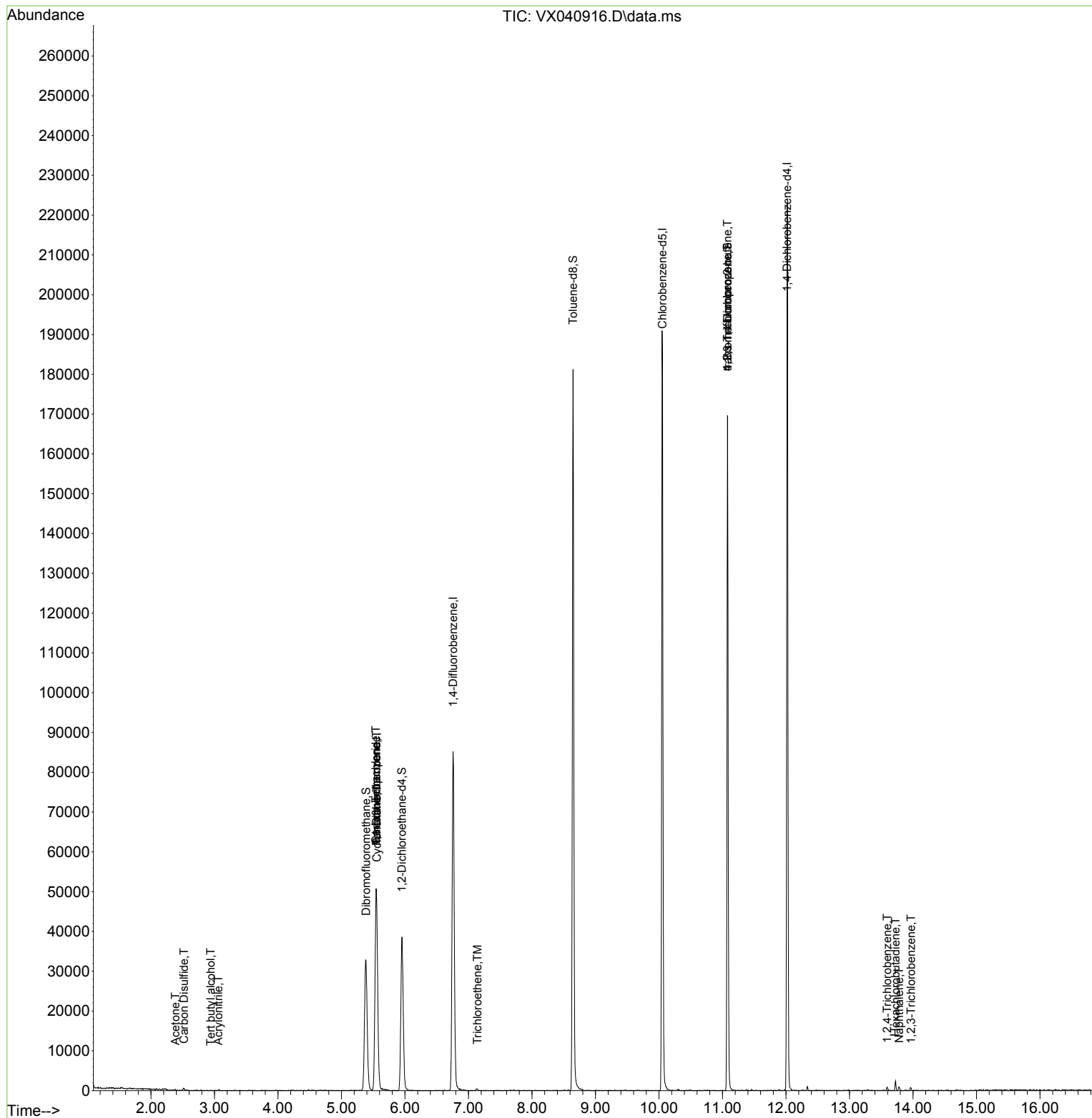
Internal Standards						
1) Pentafluorobenzene	5.550	168	45856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	82053	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	81427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	41838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	39565	48.087	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.180%		
35) Dibromofluoromethane	5.385	113	28271	48.644	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.280%		
50) Toluene-d8	8.647	98	102774	48.938	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.880%		
62) 4-Bromofluorobenzene	11.079	95	43101	51.393	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.780%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.941	59	71	0.473	ug/l #	78
15) Acrylonitrile	3.063	53	158	0.499	ug/l #	69
16) Acetone	2.386	43	328	1.027	ug/l #	47
17) Carbon Disulfide	2.520	76	583	0.393	ug/l #	73
31) Cyclohexane	5.556	56	1189	1.362	ug/l #	41
36) 1,1-Dichloropropene	5.550	75	4184	5.067	ug/l #	50
38) Carbon Tetrachloride	5.544	117	5118	5.598	ug/l #	15
44) Trichloroethene	7.141	130	134	0.234	ug/l	54
76) 1,2,3-Trichloropropane	11.079	75	24568	27.538	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	24568	74.298	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	278	0.295	ug/l	94
94) Hexachlorobutadiene	13.725	225	459	1.273	ug/l	89
95) Naphthalene	13.780	128	1073	0.354	ug/l #	84
96) 1,2,3-Trichlorobenzene	13.969	180	350	0.390	ug/l	83

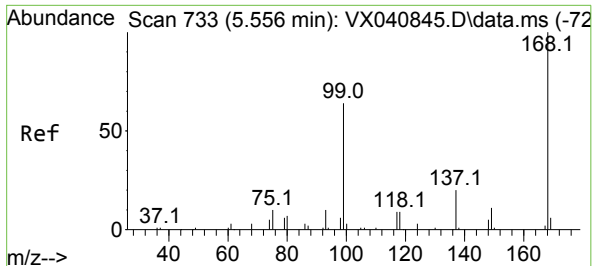
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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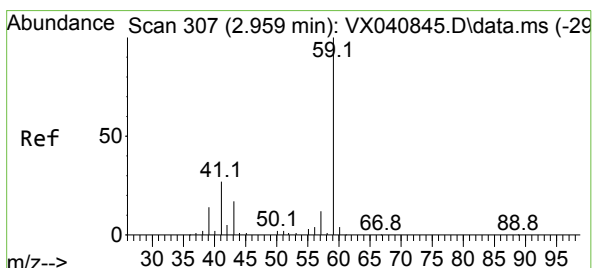
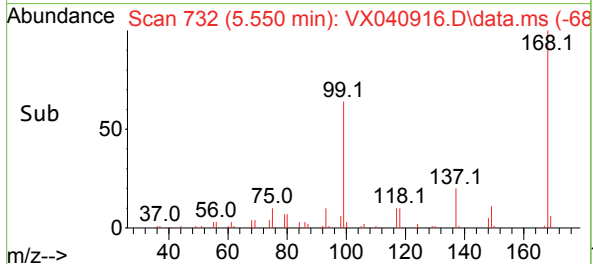
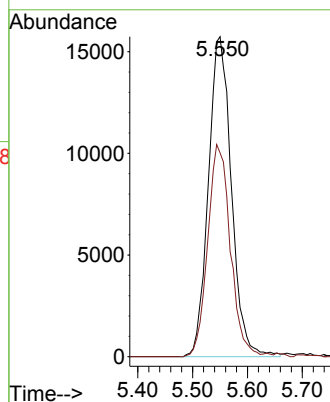
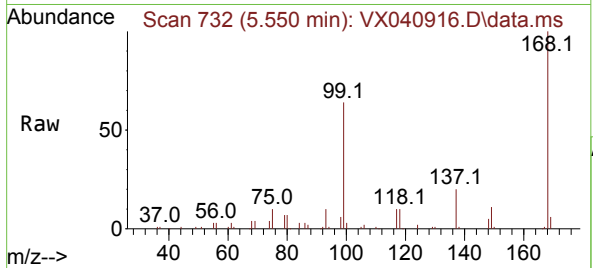




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX040916.D
Acq: 08 Apr 2024 09:55

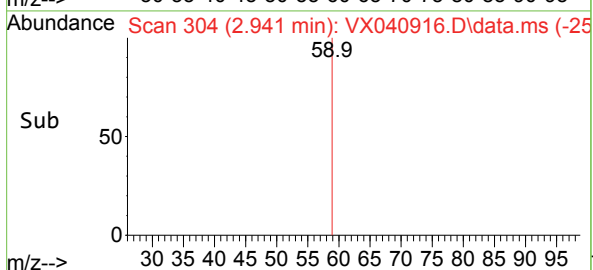
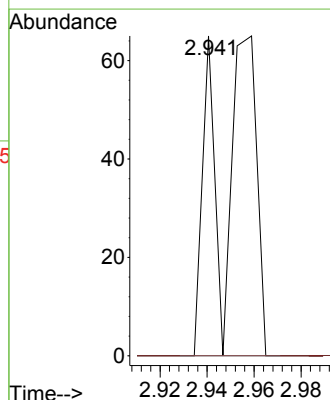
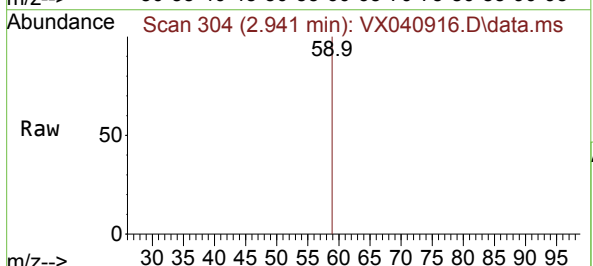
Instrument :
MSVOA_X
ClientSampleId :
VX0408MBL01

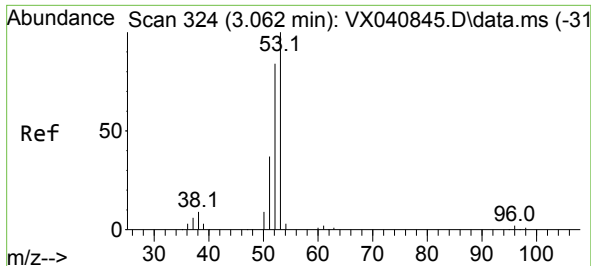
Tgt Ion:168 Resp: 45856
Ion Ratio Lower Upper
168 100
99 63.7 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.473 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.018 min
Lab File: VX040916.D
Acq: 08 Apr 2024 09:55

Tgt Ion: 59 Resp: 71
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

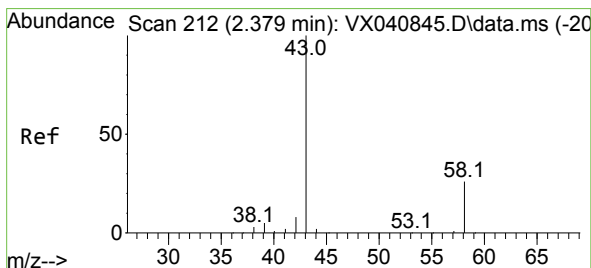
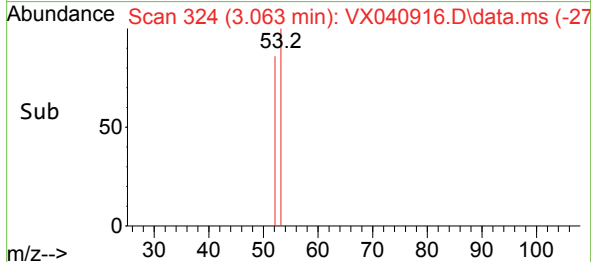
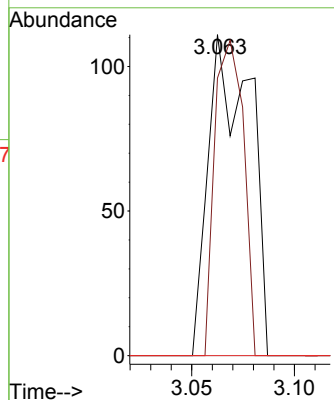
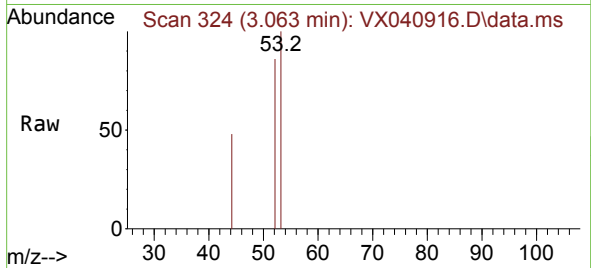




#15
Acrylonitrile
Concen: 0.499 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040916.D
Acq: 08 Apr 2024 09:55

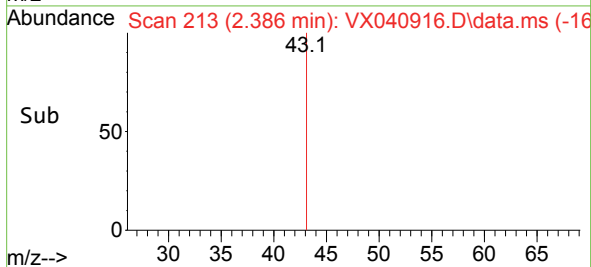
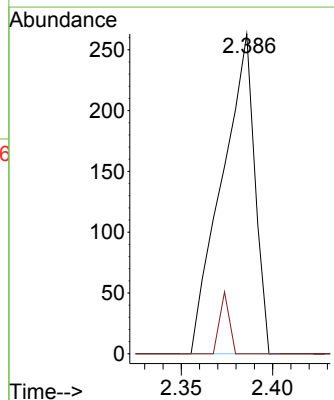
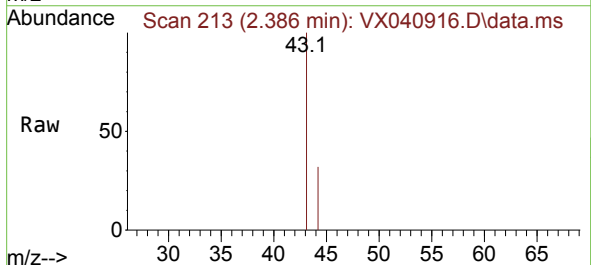
Instrument :
MSVOA_X
ClientSampleId :
VX0408MBL01

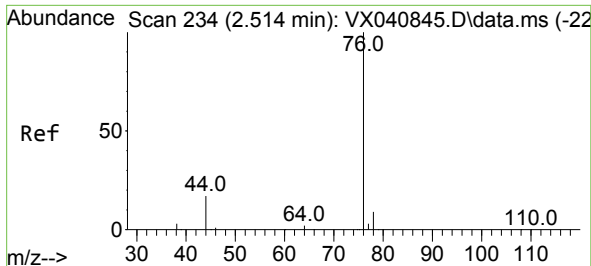
Tgt Ion: 53 Resp: 158
Ion Ratio Lower Upper
53 100
52 67.1 66.0 99.0
51 0.0 29.8 44.6#



#16
Acetone
Concen: 1.027 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX040916.D
Acq: 08 Apr 2024 09:55

Tgt Ion: 43 Resp: 328
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.393 ug/l

RT: 2.520 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX040916.D

Acq: 08 Apr 2024 09:55

Instrument :

MSVOA_X

ClientSampleId :

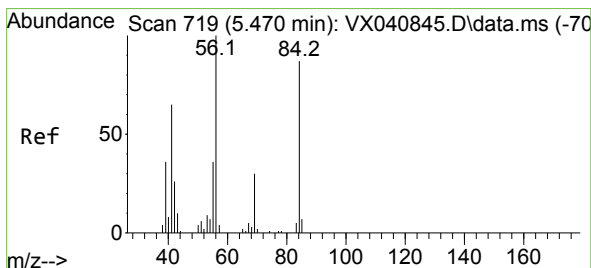
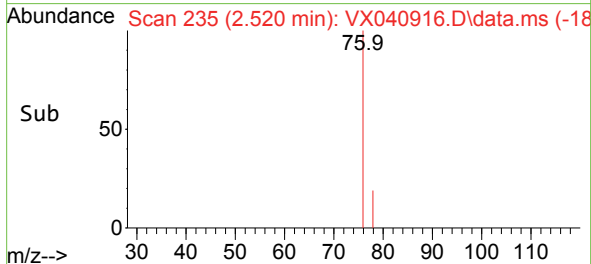
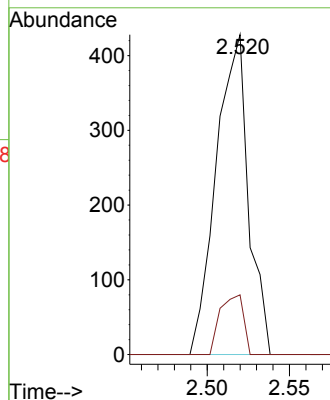
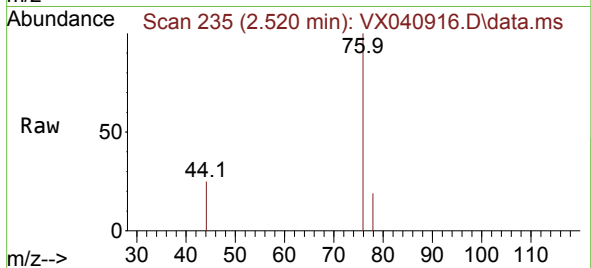
VX0408MBL01

Tgt Ion: 76 Resp: 583

Ion Ratio Lower Upper

76 100

78 18.7 7.0 10.6#



#31

Cyclohexane

Concen: 1.362 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.086 min

Lab File: VX040916.D

Acq: 08 Apr 2024 09:55

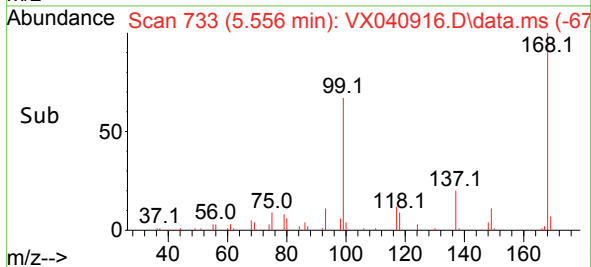
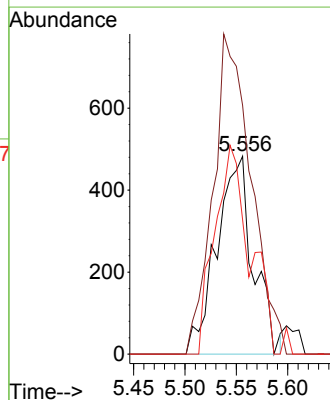
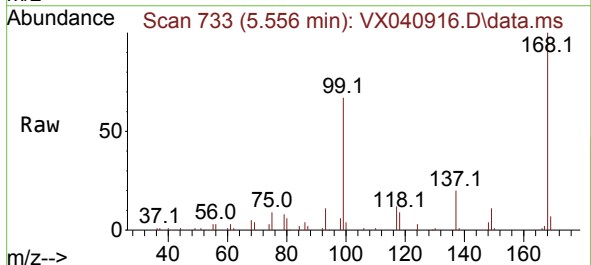
Tgt Ion: 56 Resp: 1189

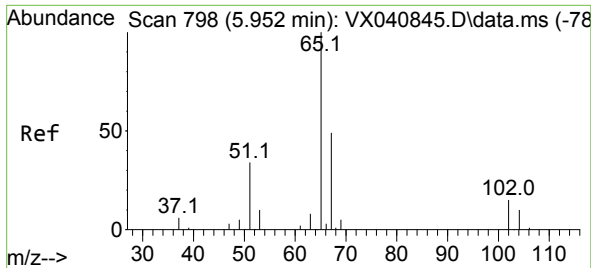
Ion Ratio Lower Upper

56 100

69 125.7 23.4 35.2#

84 67.9 65.9 98.9

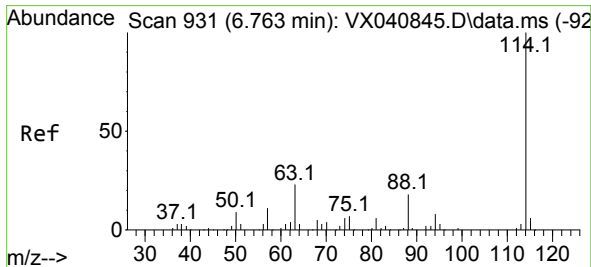
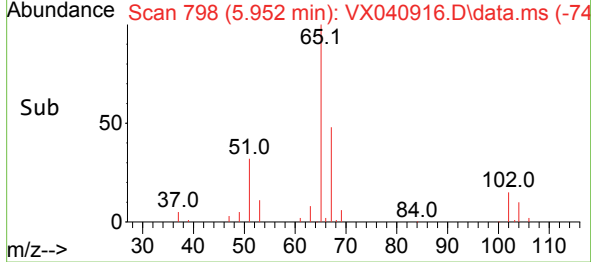
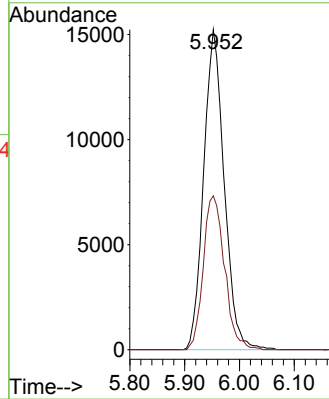
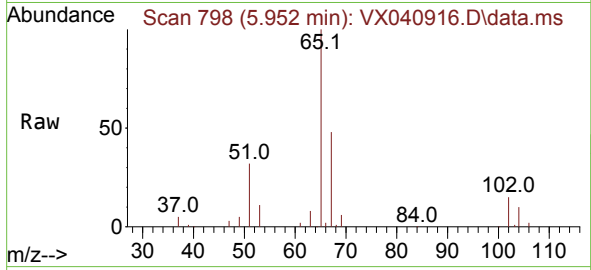




#33
 1,2-Dichloroethane-d4
 Concen: 48.087 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX040916.D
 Acq: 08 Apr 2024 09:55

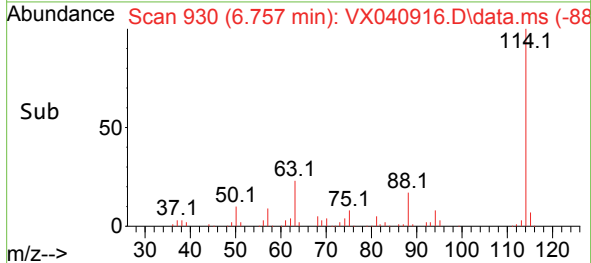
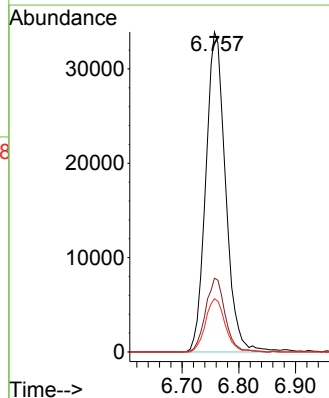
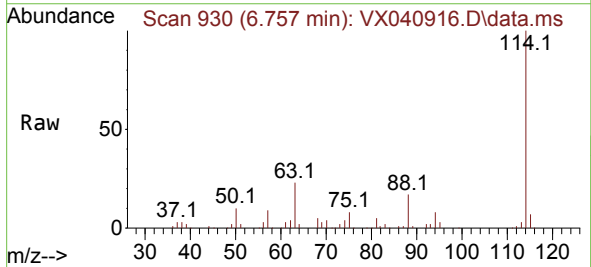
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408MBL01

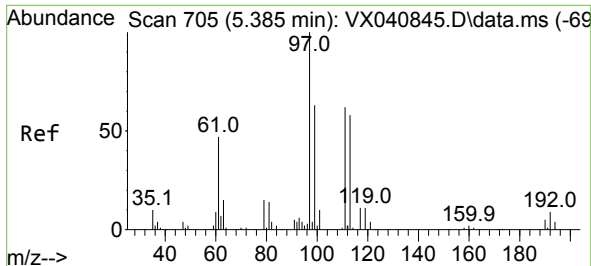
Tgt Ion: 65 Resp: 39565
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX040916.D
 Acq: 08 Apr 2024 09:55

Tgt Ion: 114 Resp: 82053
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 45.0
 88 16.6 0.0 36.6

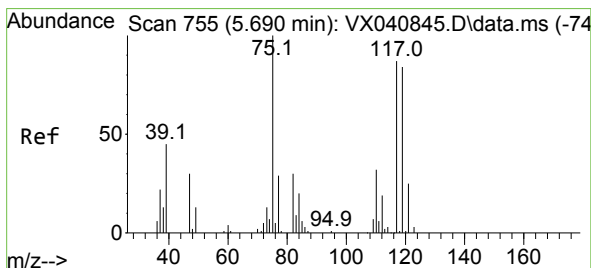
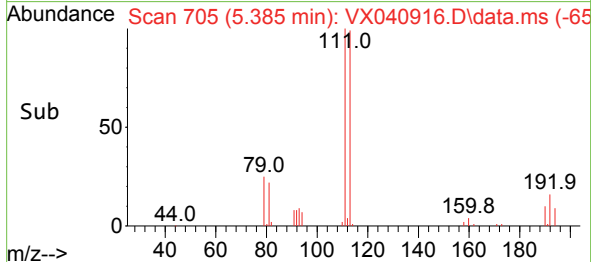
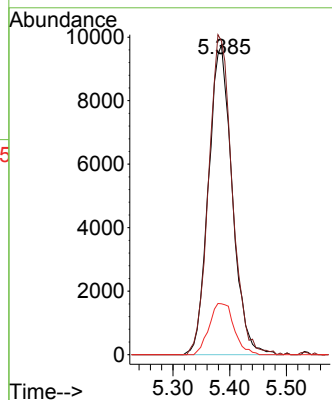
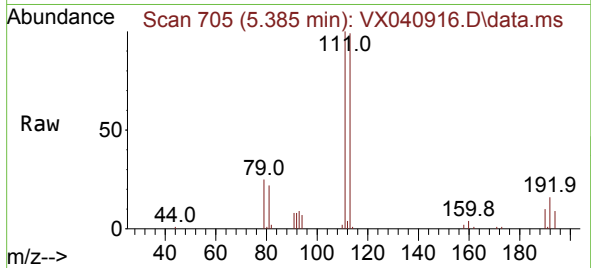




#35
Dibromofluoromethane
Concen: 48.644 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040916.D
Acq: 08 Apr 2024 09:55

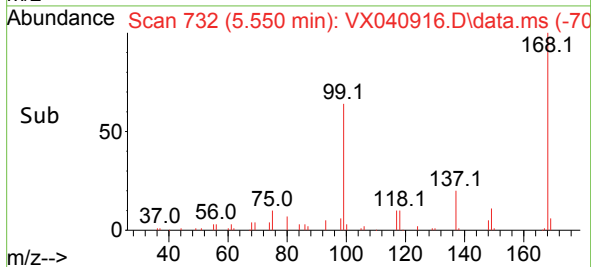
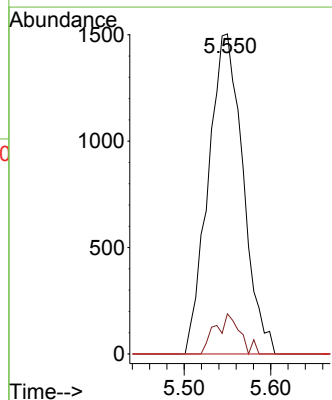
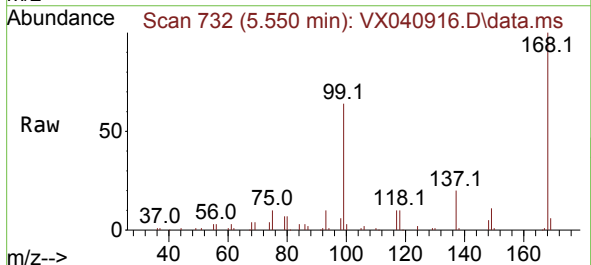
Instrument :
MSVOA_X
ClientSampleId :
VX0408MBL01

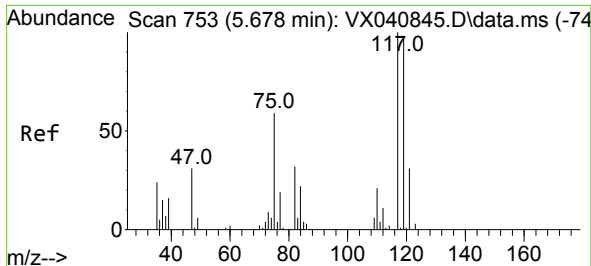
Tgt Ion:113 Resp: 28271
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 17.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.067 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX040916.D
Acq: 08 Apr 2024 09:55

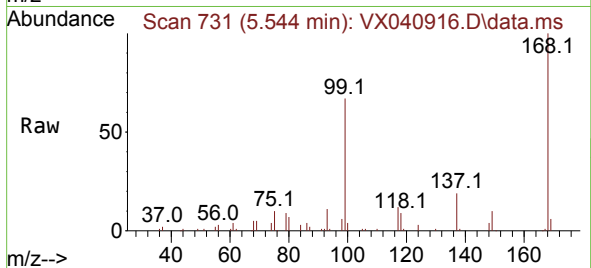
Tgt Ion: 75 Resp: 4184
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



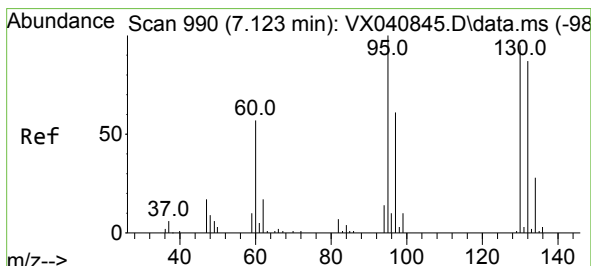
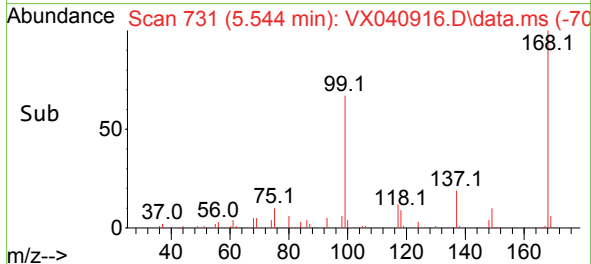
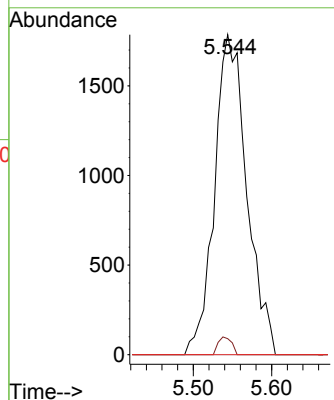


#38
Carbon Tetrachloride
Concen: 5.598 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX040916.D
Acq: 08 Apr 2024 09:55

Instrument :
MSVOA_X
ClientSampleId :
VX0408MBL01

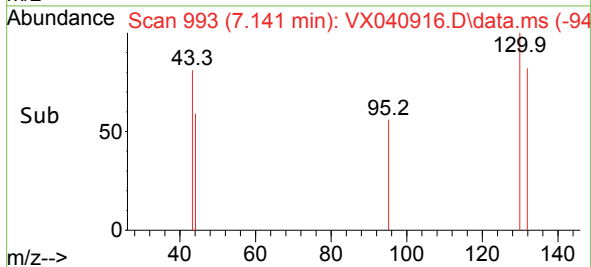
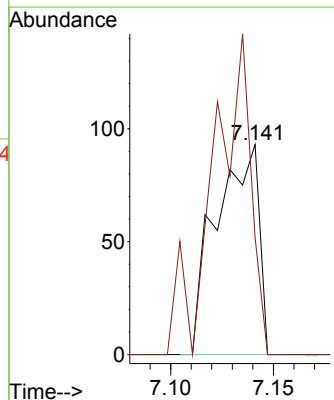
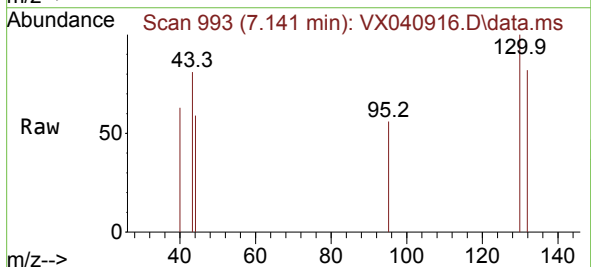


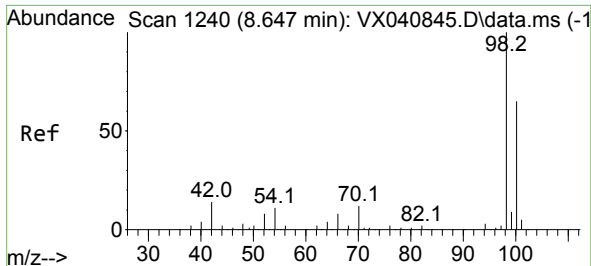
Tgt Ion:117 Resp: 5118
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.234 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.019 min
Lab File: VX040916.D
Acq: 08 Apr 2024 09:55

Tgt Ion:130 Resp: 134
Ion Ratio Lower Upper
130 100
95 55.9 0.0 204.4

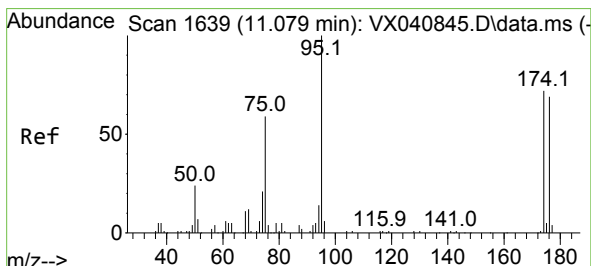
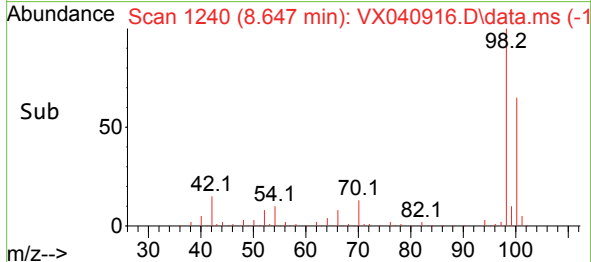
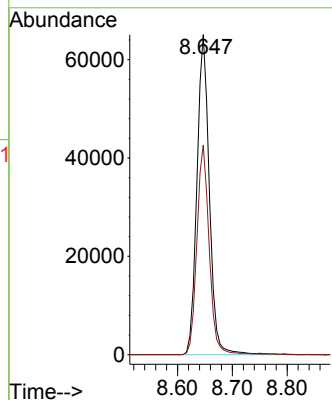
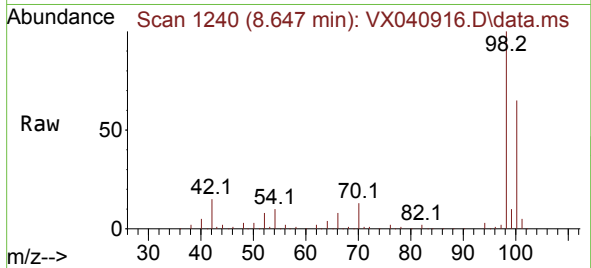




#50
Toluene-d8
Concen: 48.938 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040916.D
Acq: 08 Apr 2024 09:55

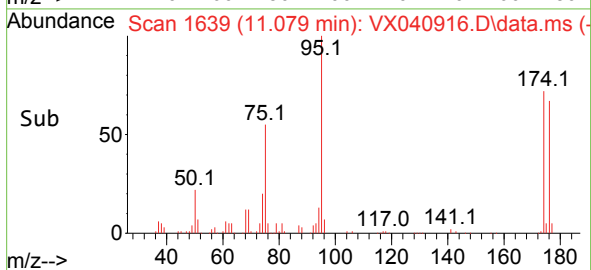
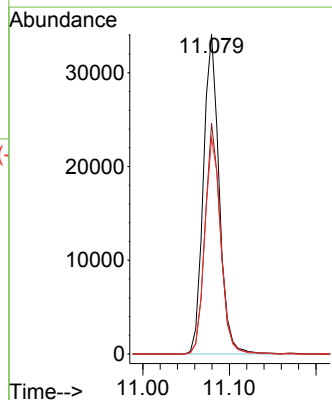
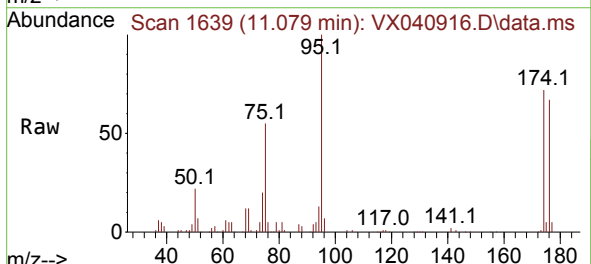
Instrument :
MSVOA_X
ClientSampleId :
VX0408MBL01

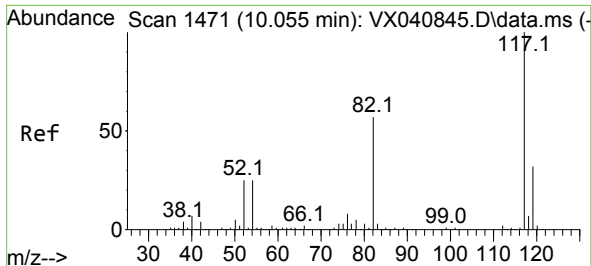
Tgt Ion: 98 Resp: 102774
Ion Ratio Lower Upper
98 100
100 65.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 51.393 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040916.D
Acq: 08 Apr 2024 09:55

Tgt Ion: 95 Resp: 43101
Ion Ratio Lower Upper
95 100
174 70.7 0.0 135.6
176 68.7 0.0 131.0

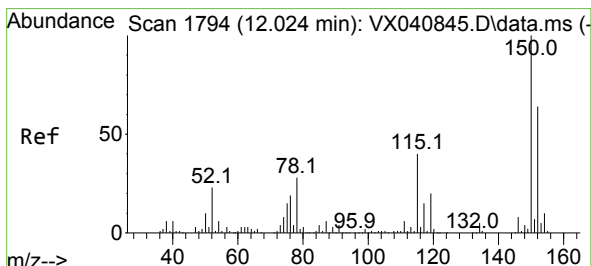
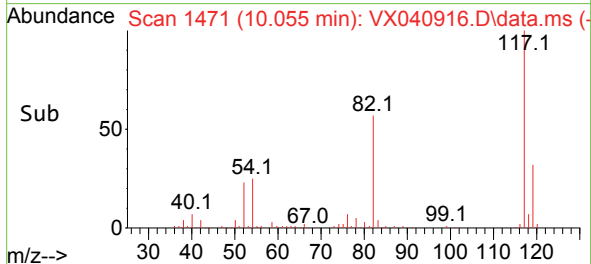
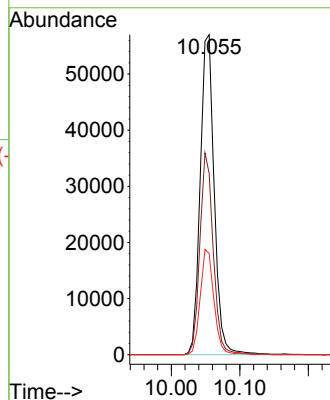
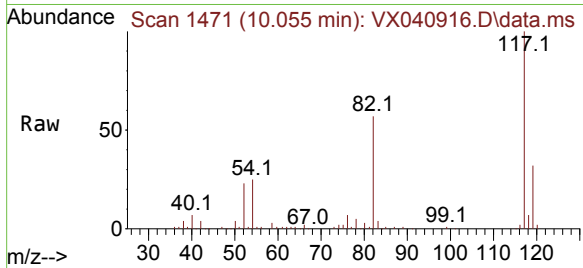




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040916.D
Acq: 08 Apr 2024 09:55

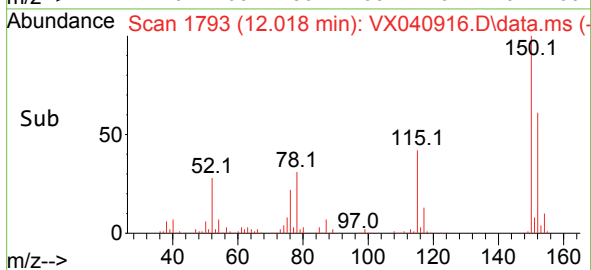
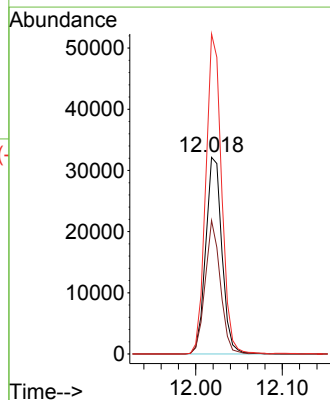
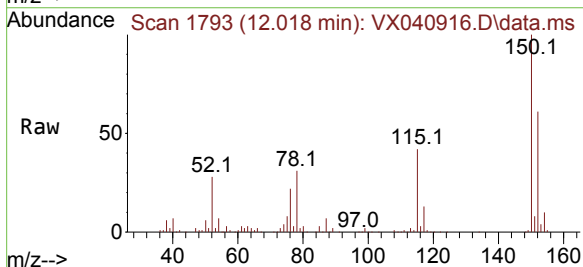
Instrument :
MSVOA_X
ClientSampleId :
VX0408MBL01

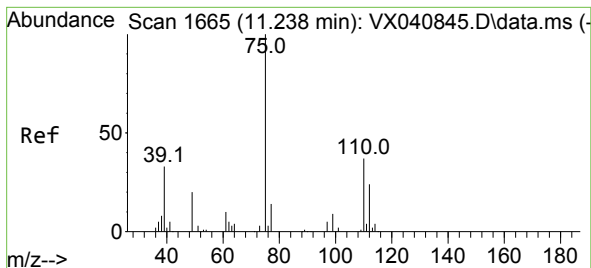
Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.7	46.2	69.4
119	31.6	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX040916.D
Acq: 08 Apr 2024 09:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.3	43.3	129.9
150	158.0	0.0	345.0





#76

1,2,3-Trichloropropane

Concen: 27.538 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX040916.D

Acq: 08 Apr 2024 09:55

Instrument :

MSVOA_X

ClientSampleId :

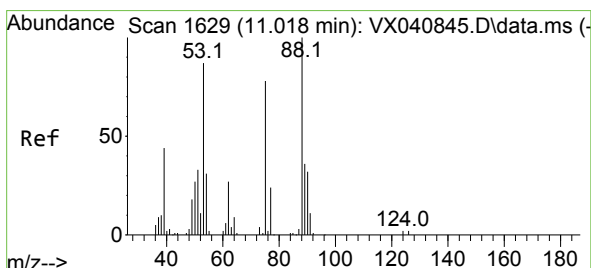
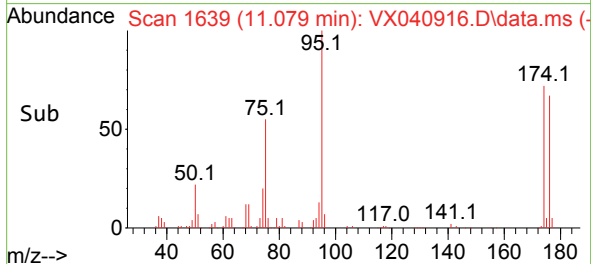
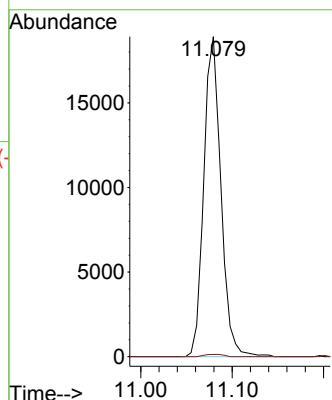
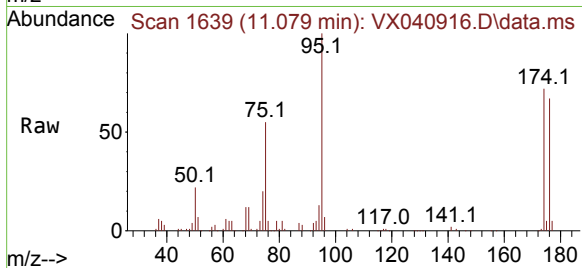
VX0408MBL01

Tgt Ion: 75 Resp: 24568

Ion Ratio Lower Upper

75 100

77 0.8 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 74.298 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040916.D

Acq: 08 Apr 2024 09:55

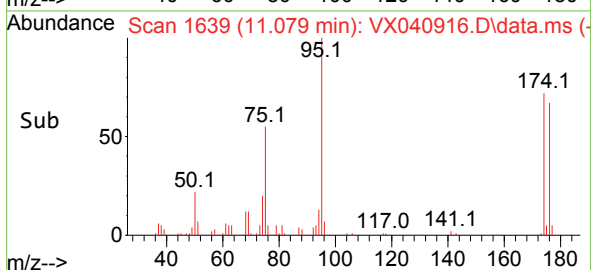
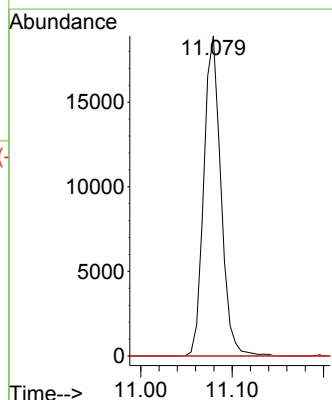
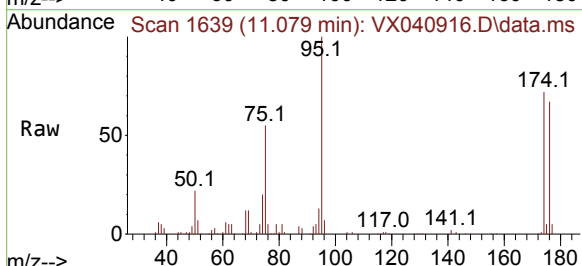
Tgt Ion: 75 Resp: 24568

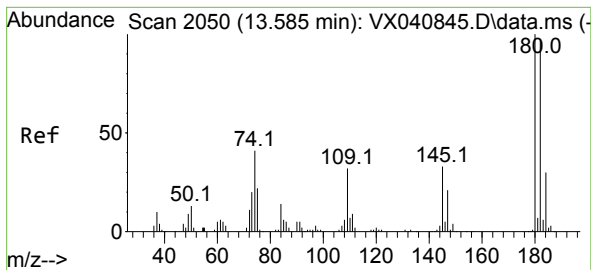
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.295 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX040916.D

Acq: 08 Apr 2024 09:55

Instrument :

MSVOA_X

ClientSampleId :

VX0408MBL01

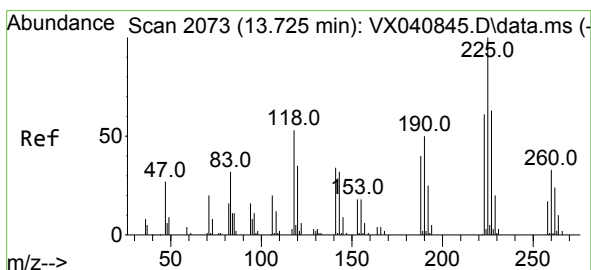
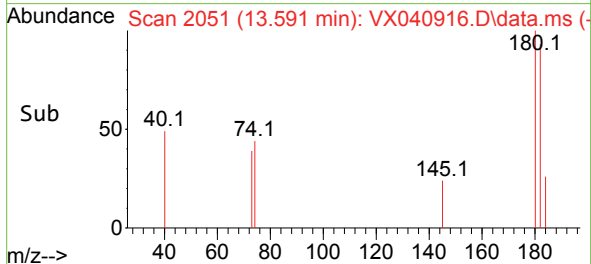
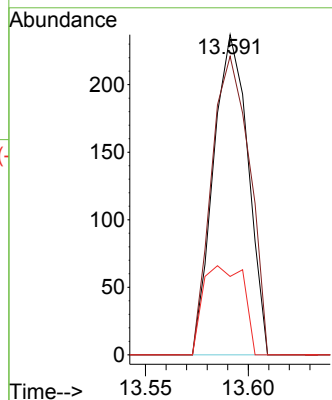
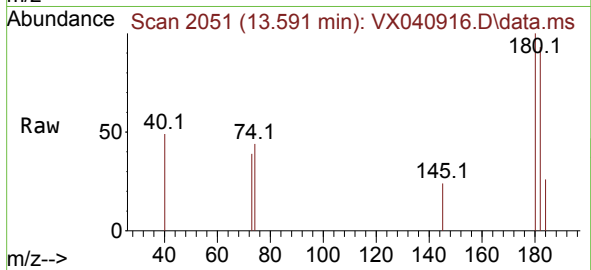
Tgt Ion:180 Resp: 278

Ion Ratio Lower Upper

180 100

182 102.2 48.3 144.8

145 32.4 18.0 54.0



#94

Hexachlorobutadiene

Concen: 1.273 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX040916.D

Acq: 08 Apr 2024 09:55

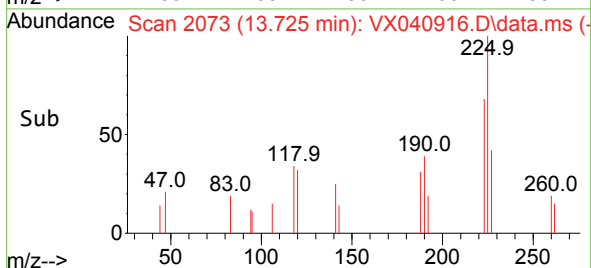
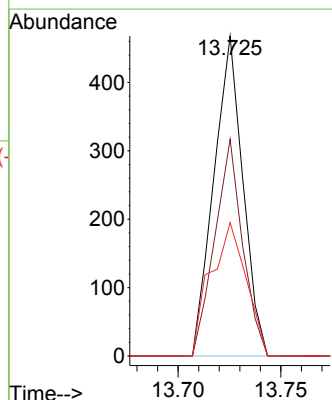
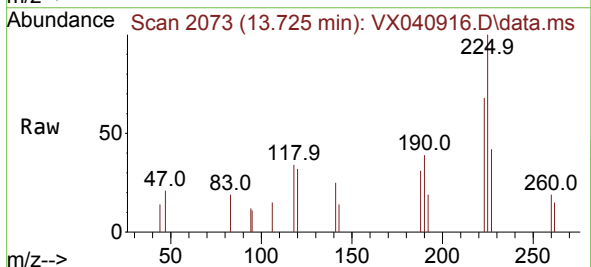
Tgt Ion:225 Resp: 459

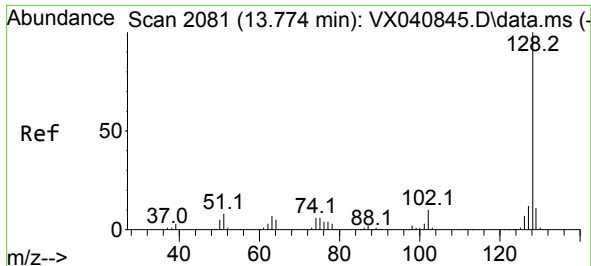
Ion Ratio Lower Upper

225 100

223 64.9 31.1 93.2

227 51.0 32.5 97.5

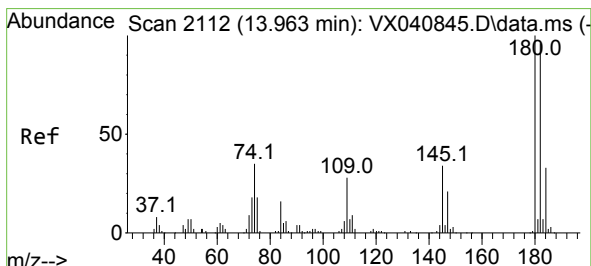
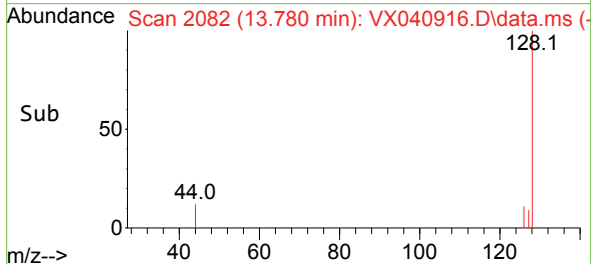
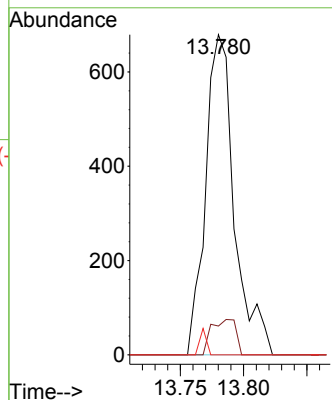
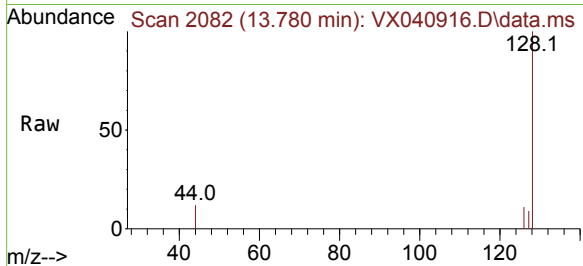




#95
Naphthalene
Concen: 0.354 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX040916.D
Acq: 08 Apr 2024 09:55

Instrument :
MSVOA_X
ClientSampleId :
VX0408MBL01

Tgt Ion:128 Resp: 1073
Ion Ratio Lower Upper
128 100
127 9.4 10.3 15.5#
129 1.9 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.390 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX040916.D
Acq: 08 Apr 2024 09:55

Tgt Ion:180 Resp: 350
Ion Ratio Lower Upper
180 100
182 72.0 46.9 140.6
145 35.1 17.8 53.5

