

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012624\
 Data File : VX039971.D
 Acq On : 26 Jan 2024 10:31
 Operator : JC/MD
 Sample : VX0126MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0126MBL01

Quant Time: Jan 29 00:36:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	72537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	132082	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60624	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	54109	44.530	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.060%
35) Dibromofluoromethane	5.385	113	43358	48.737	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.480%
50) Toluene-d8	8.646	98	161403	48.104	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.200%
62) 4-Bromofluorobenzene	11.079	95	61697	47.022	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.040%

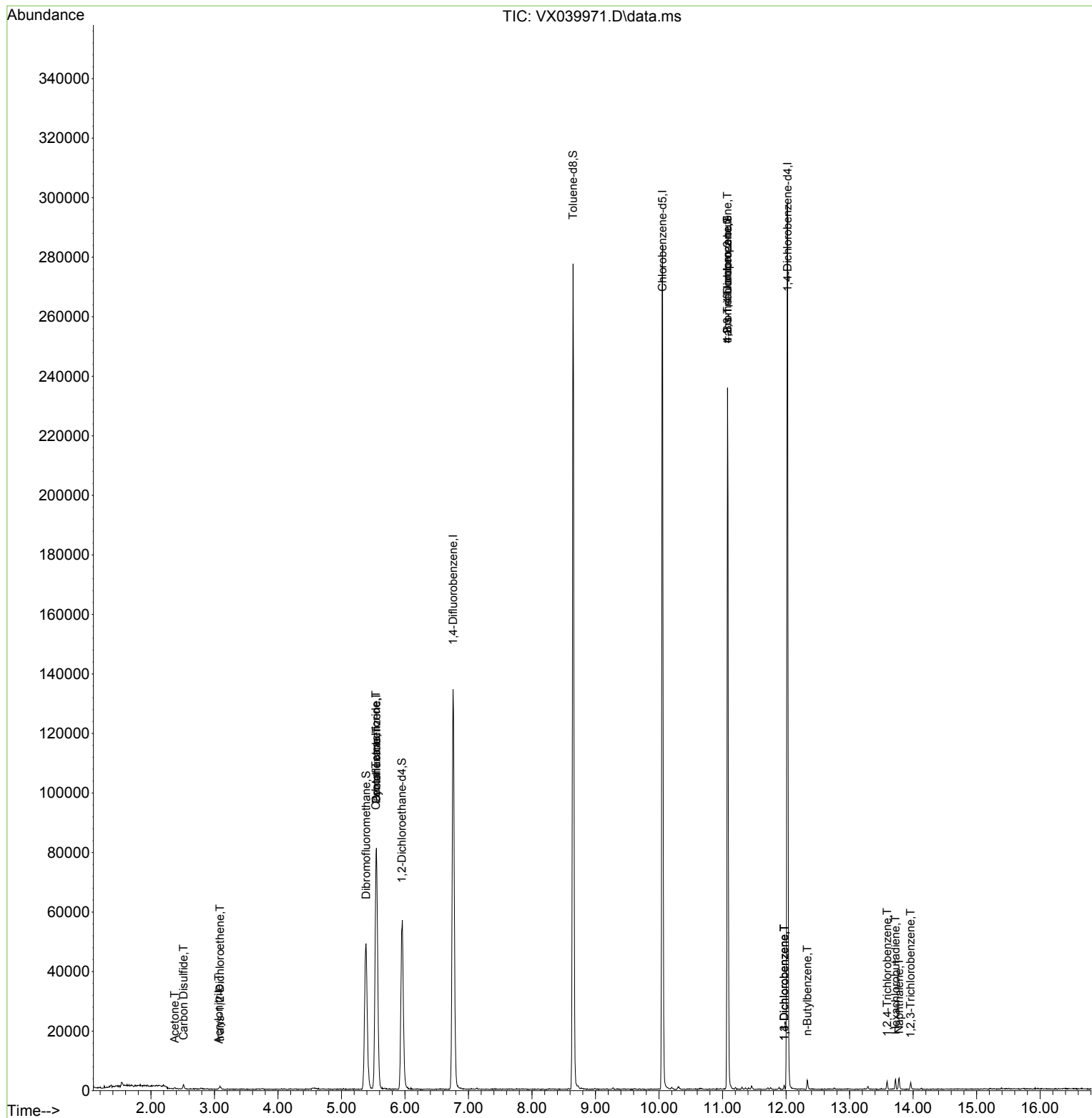
Target Compounds				Qvalue		
13) Acrolein	2.245	56	364	Below Cal	#	81
15) Acrylonitrile	3.068	53	447	0.684	ug/l #	70
16) Acetone	2.373	43	363	0.531	ug/l	96
17) Carbon Disulfide	2.513	76	1674	0.667	ug/l #	90
21) trans-1,2-Dichloroethene	3.086	96	323	0.352	ug/l #	51
31) Cyclohexane	5.549	56	1993	1.243	ug/l #	50
38) Carbon Tetrachloride	5.543	117	8130	6.410	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	33536	21.337	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	33536	62.130	ug/l #	5
87) 1,3-Dichlorobenzene	11.969	146	511	0.248	ug/l	84
88) 1,4-Dichlorobenzene	11.969	146	511	0.240	ug/l	85
89) n-Butylbenzene	12.335	91	1212	0.309	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	767	0.616	ug/l	90
94) Hexachlorobutadiene	13.725	225	410	0.792	ug/l	97
95) Naphthalene	13.780	128	2781	0.607	ug/l	97
96) 1,2,3-Trichlorobenzene	13.962	180	602	0.479	ug/l	78

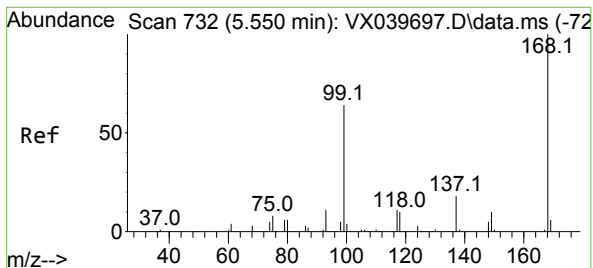
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012624\
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Instrument :
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ClientSampleId :
VX0126MBL01

Quant Time: Jan 29 00:36:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.549 min Scan# 71

Delta R.T. -0.001 min

Lab File: VX039971.D

Acq: 26 Jan 2024 10:31

Instrument :

MSVOA_X

ClientSampleId :

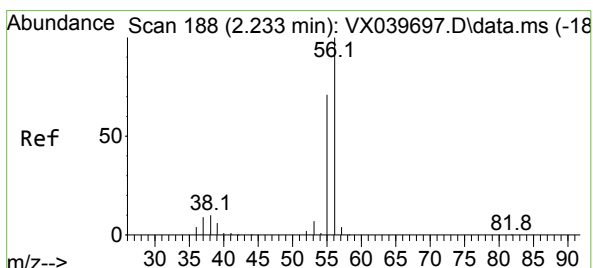
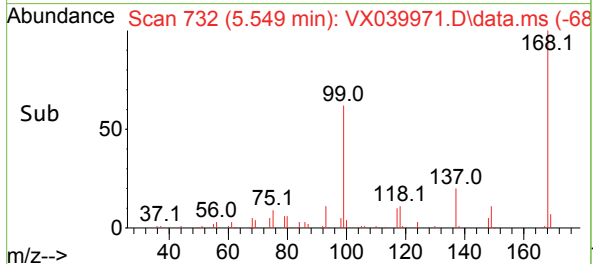
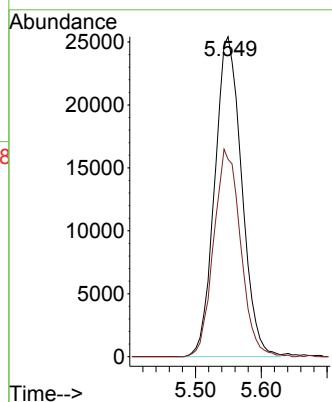
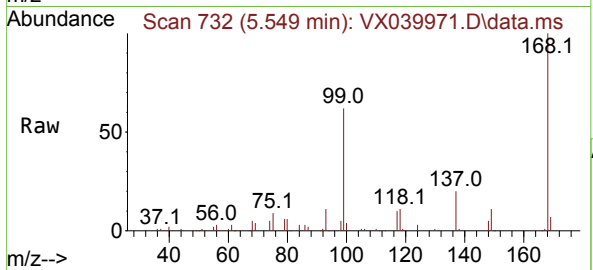
VX0126MBL01

Tgt Ion:168 Resp: 72537

Ion Ratio Lower Upper

168 100

99 61.7 56.6 85.0



#13

Acrolein

Concen: Below Cal

RT: 2.245 min Scan# 190

Delta R.T. 0.012 min

Lab File: VX039971.D

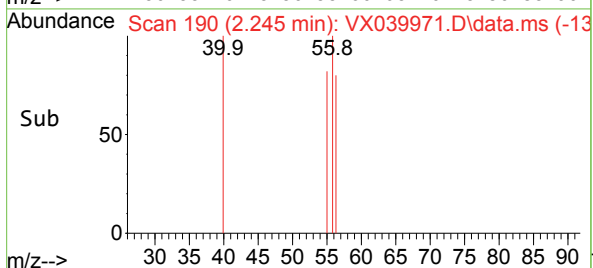
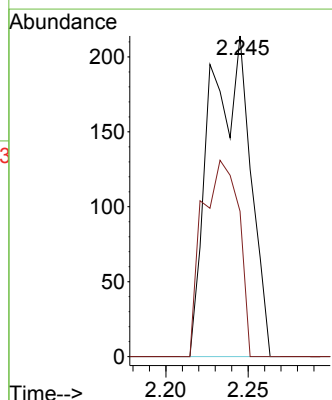
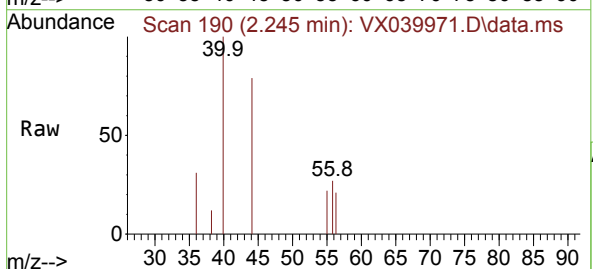
Acq: 26 Jan 2024 10:31

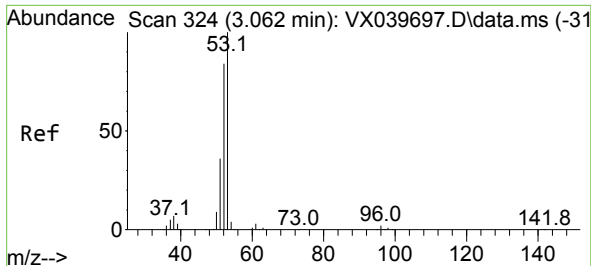
Tgt Ion: 56 Resp: 364

Ion Ratio Lower Upper

56 100

55 55.5 57.1 85.7#

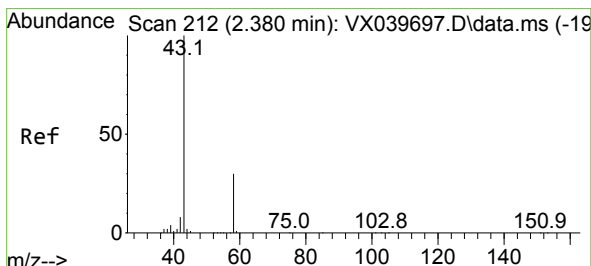
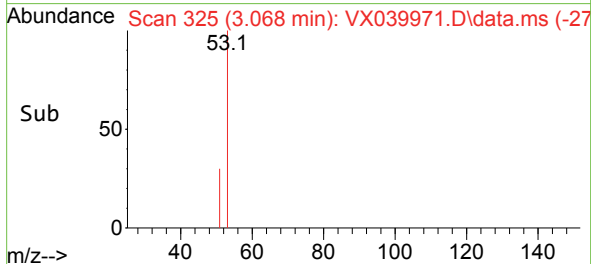
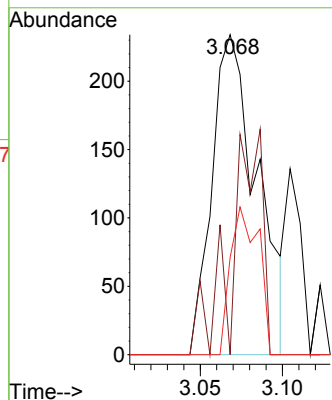
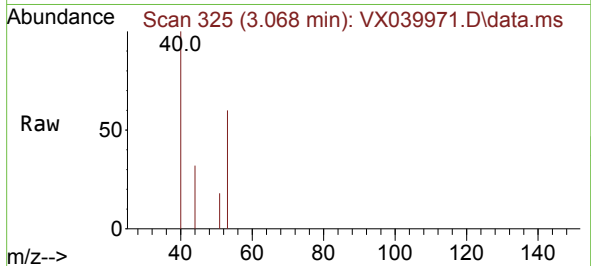




#15
Acrylonitrile
Concen: 0.684 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX039971.D
Acq: 26 Jan 2024 10:31

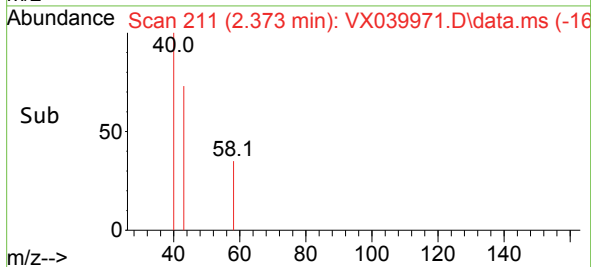
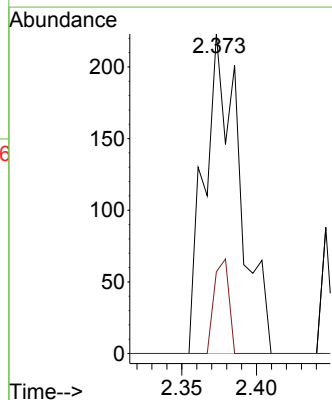
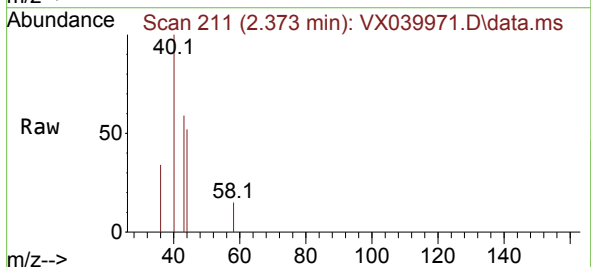
Instrument :
MSVOA_X
ClientSampleId :
VX0126MBL01

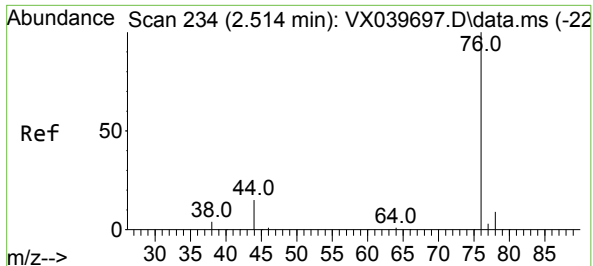
Tgt Ion: 53 Resp: 447
Ion Ratio Lower Upper
53 100
52 48.5 66.0 99.0#
51 28.9 29.8 44.6#



#16
Acetone
Concen: 0.531 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039971.D
Acq: 26 Jan 2024 10:31

Tgt Ion: 43 Resp: 363
Ion Ratio Lower Upper
43 100
58 25.6 21.9 32.9





#17

Carbon Disulfide

Concen: 0.667 ug/l

RT: 2.513 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX039971.D

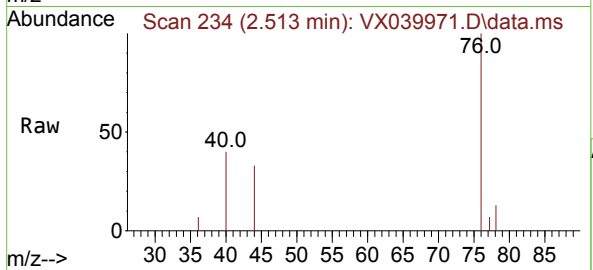
Acq: 26 Jan 2024 10:31

Instrument :

MSVOA_X

ClientSampleId :

VX0126MBL01

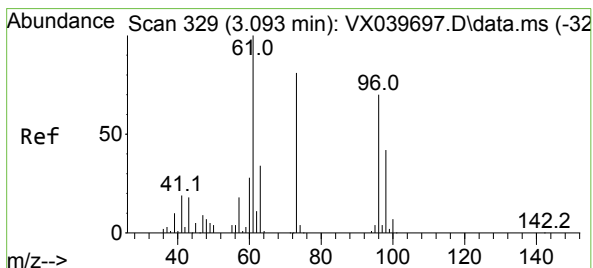
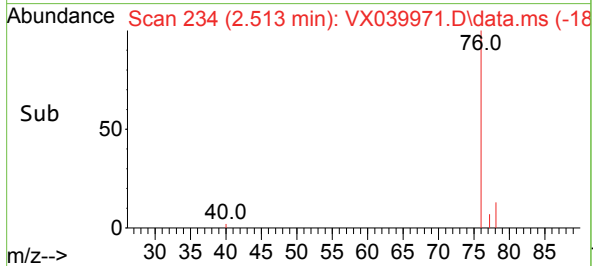
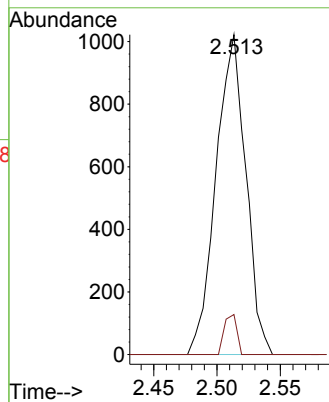


Tgt Ion: 76 Resp: 1674

Ion Ratio Lower Upper

76 100

78 12.5 7.0 10.6#



#21

trans-1,2-Dichloroethene

Concen: 0.352 ug/l

RT: 3.086 min Scan# 328

Delta R.T. -0.006 min

Lab File: VX039971.D

Acq: 26 Jan 2024 10:31

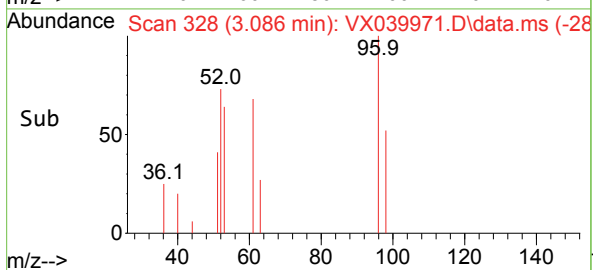
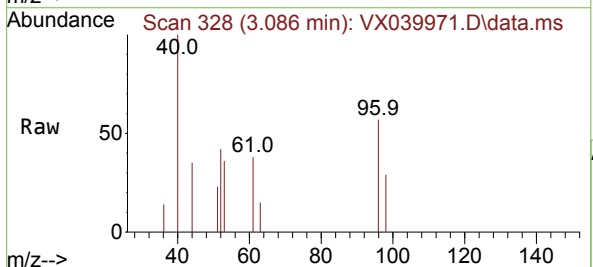
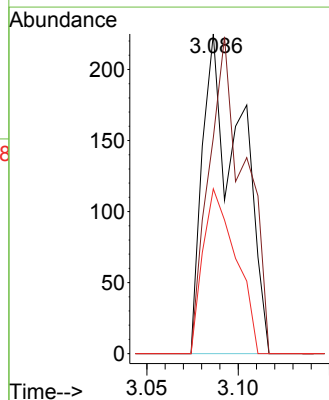
Tgt Ion: 96 Resp: 323

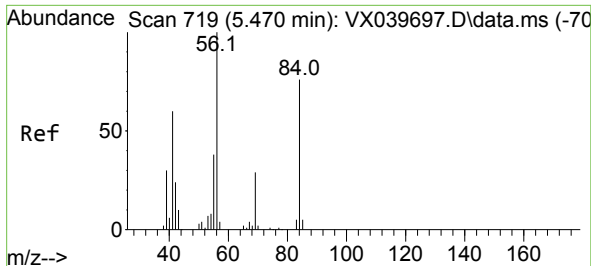
Ion Ratio Lower Upper

96 100

61 67.6 119.2 178.8#

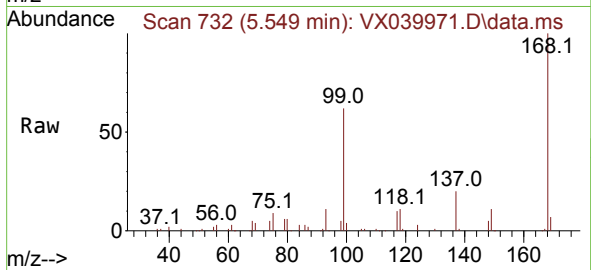
98 51.6 48.7 73.1



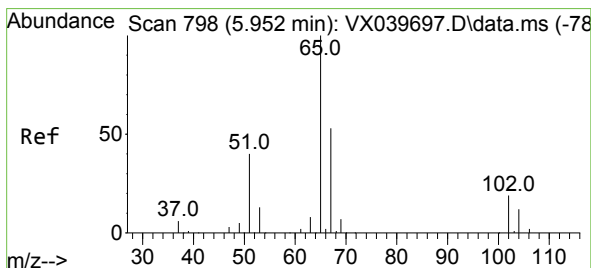
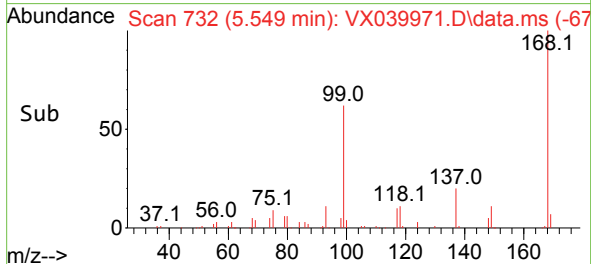
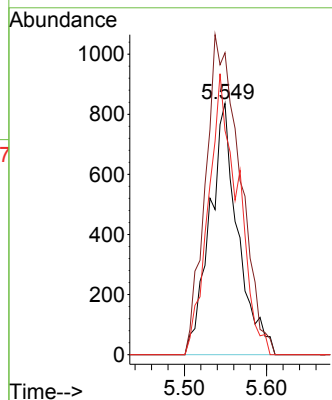


#31
Cyclohexane
Concen: 1.243 ug/l
RT: 5.549 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX039971.D
Acq: 26 Jan 2024 10:31

Instrument :
MSVOA_X
ClientSampleId :
VX0126MBL01

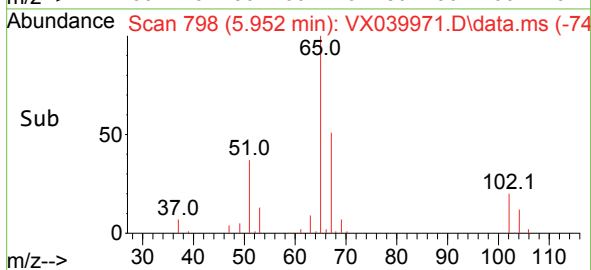
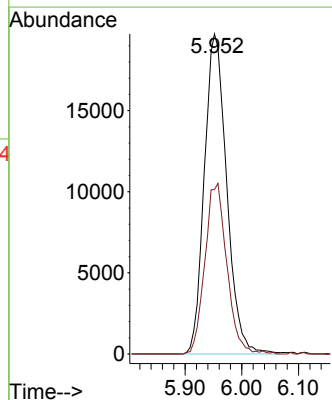
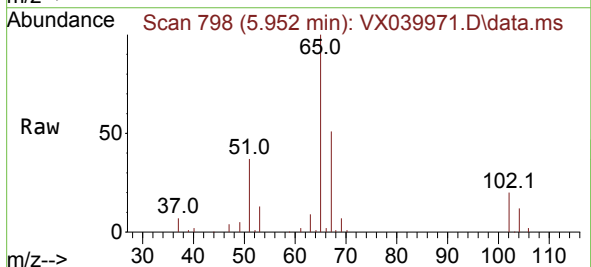


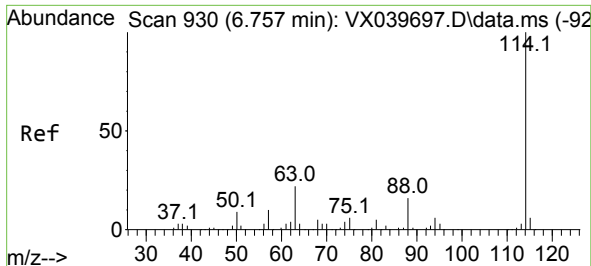
Tgt Ion: 56 Resp: 1993
Ion Ratio Lower Upper
56 100
69 120.2 23.4 35.2#
84 89.2 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 44.530 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX039971.D
Acq: 26 Jan 2024 10:31

Tgt Ion: 65 Resp: 54109
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2

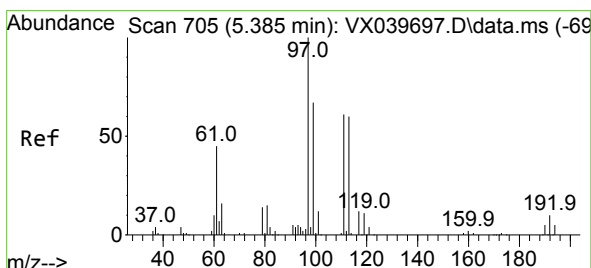
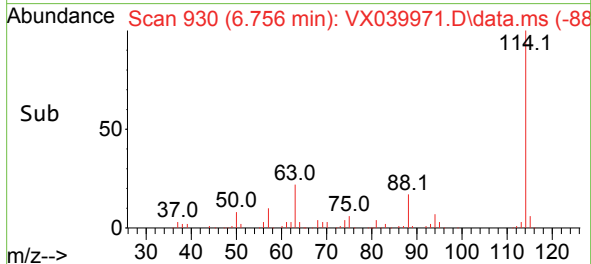
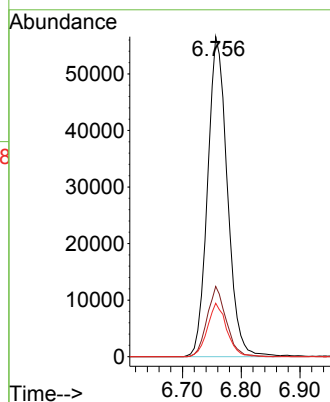
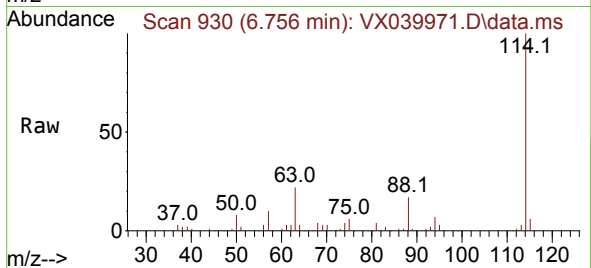




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.756 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX039971.D
Acq: 26 Jan 2024 10:31

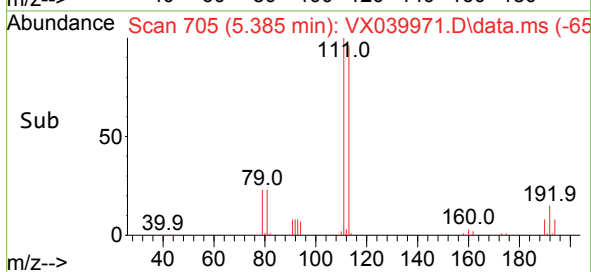
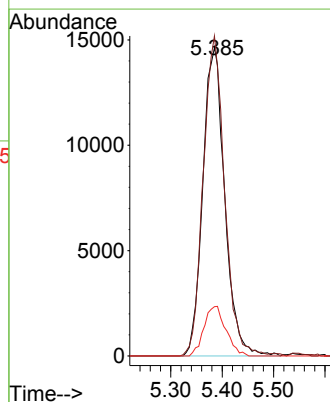
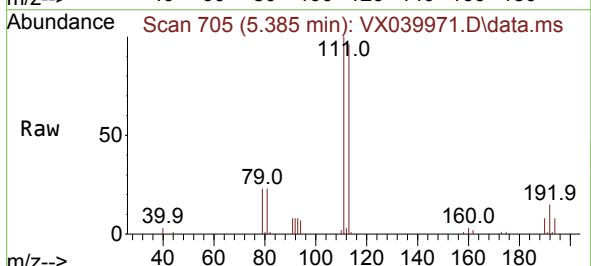
Instrument :
MSVOA_X
ClientSampleId :
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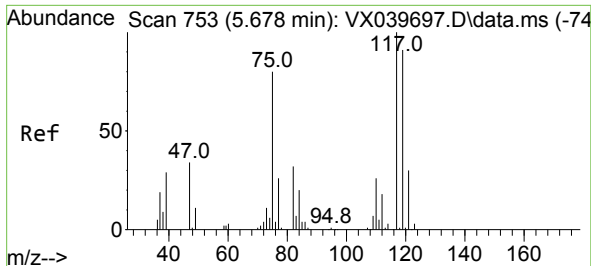
Tgt Ion:114 Resp: 132082
Ion Ratio Lower Upper
114 100
63 22.0 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.737 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039971.D
Acq: 26 Jan 2024 10:31

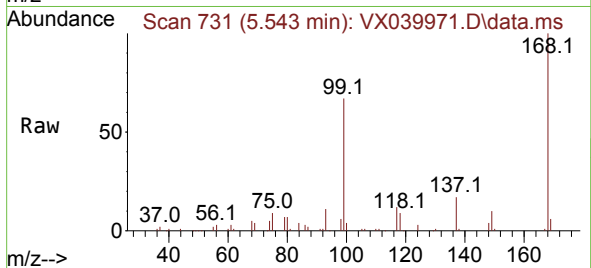
Tgt Ion:113 Resp: 43358
Ion Ratio Lower Upper
113 100
111 101.1 82.9 124.3
192 16.1 13.3 19.9



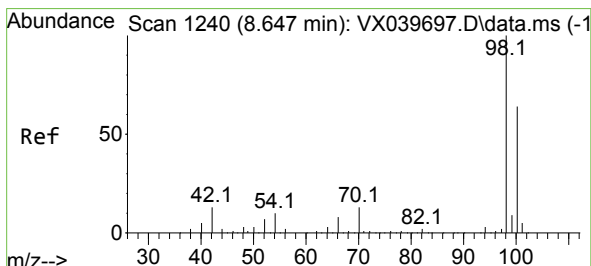
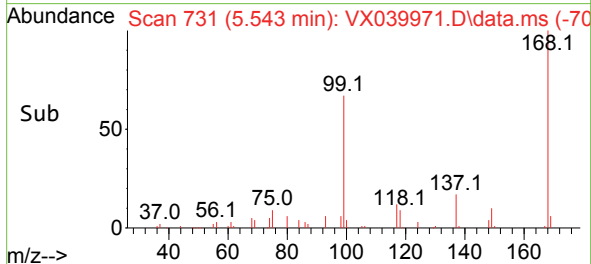
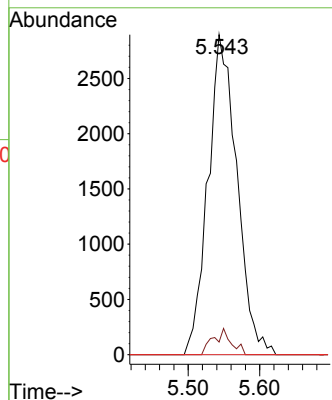


#38
Carbon Tetrachloride
Concen: 6.410 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.135 min
Lab File: VX039971.D
Acq: 26 Jan 2024 10:31

Instrument :
MSVOA_X
ClientSampleId :
VX0126MBL01

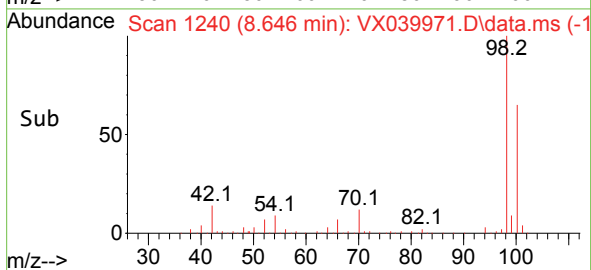
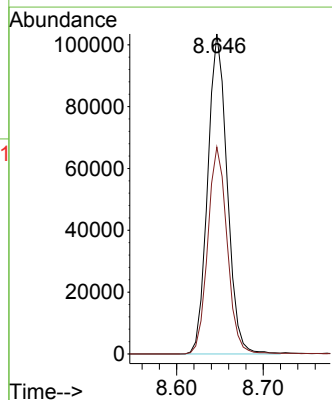
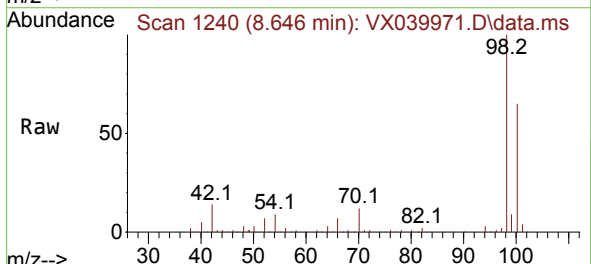


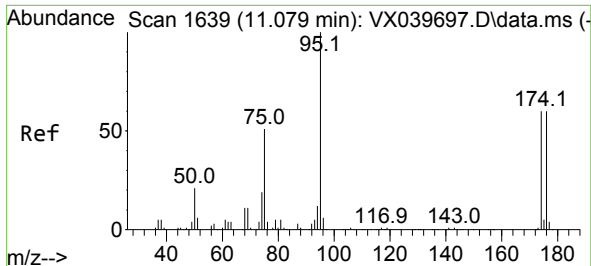
Tgt Ion:117 Resp: 8130
Ion Ratio Lower Upper
117 100
119 3.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.104 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039971.D
Acq: 26 Jan 2024 10:31

Tgt Ion: 98 Resp: 161403
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7

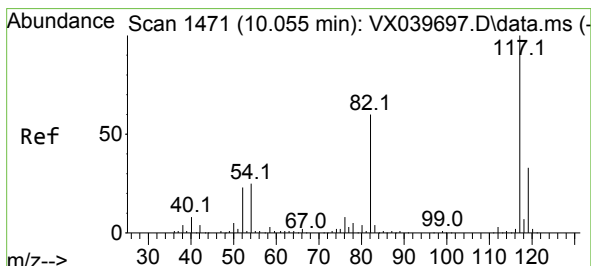
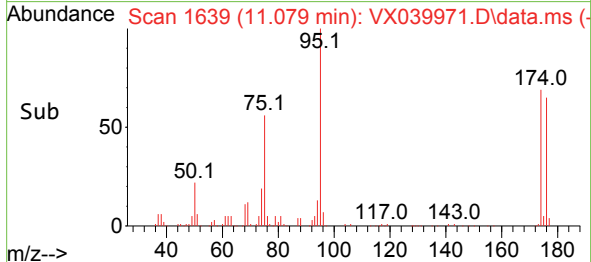
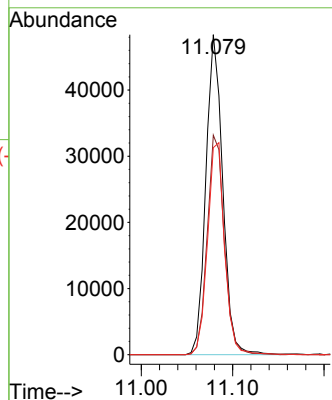
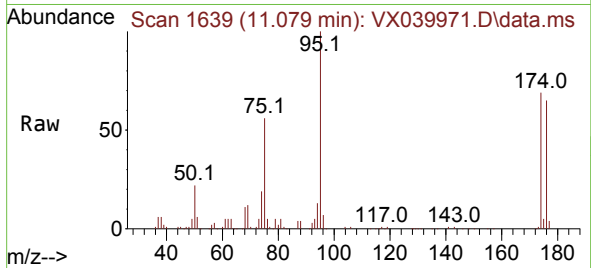




#62
4-Bromofluorobenzene
Concen: 47.022 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039971.D
Acq: 26 Jan 2024 10:31

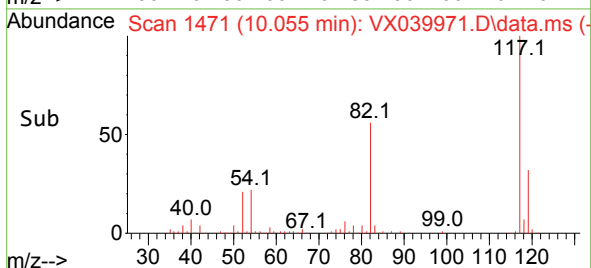
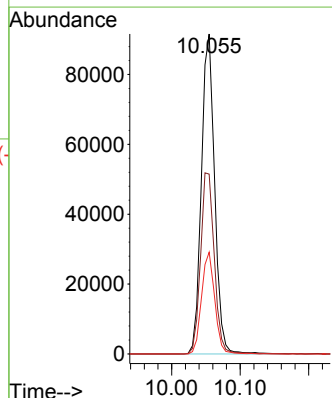
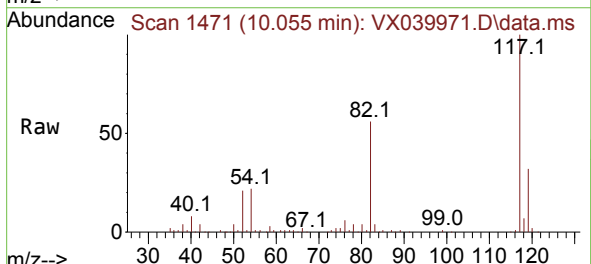
Instrument :
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ClientSampleId :
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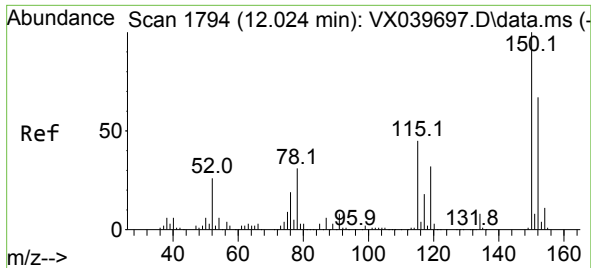
Tgt Ion: 95 Resp: 61697
Ion Ratio Lower Upper
95 100
174 69.7 0.0 135.6
176 67.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039971.D
Acq: 26 Jan 2024 10:31

Tgt Ion: 117 Resp: 123544
Ion Ratio Lower Upper
117 100
82 56.2 46.2 69.4
119 31.8 25.5 38.3

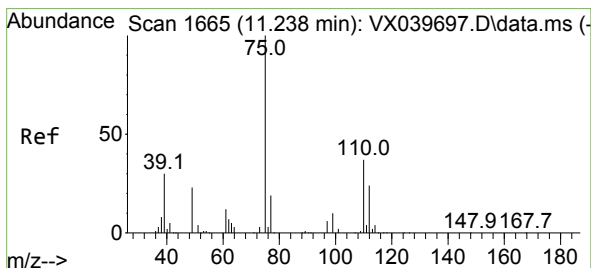
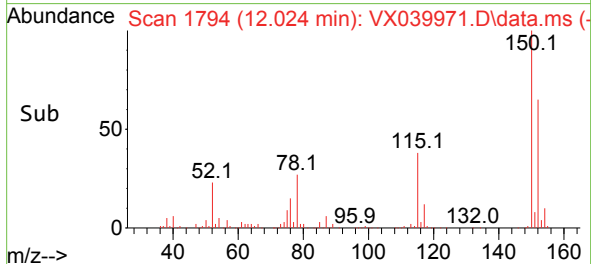
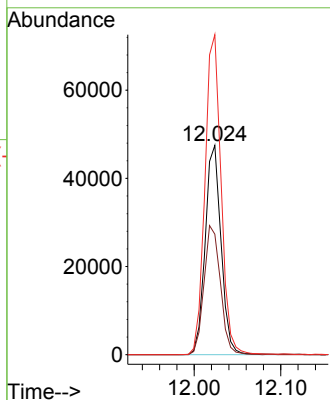
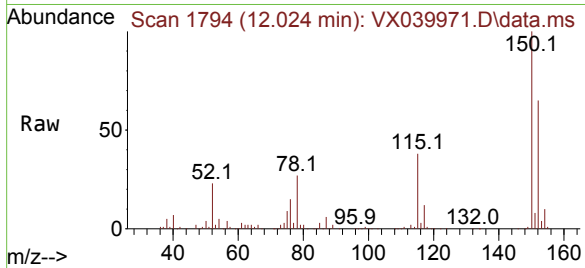




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039971.D
Acq: 26 Jan 2024 10:31

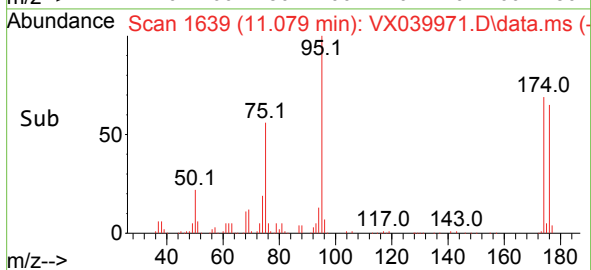
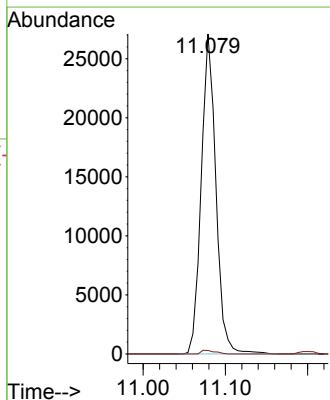
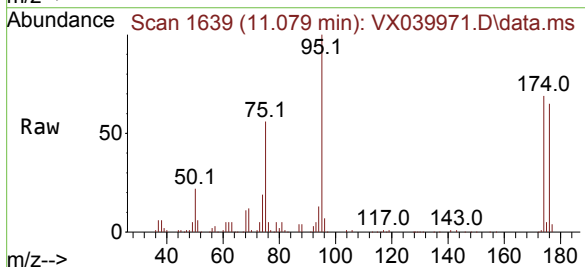
Instrument :
MSVOA_X
ClientSampleId :
VX0126MBL01

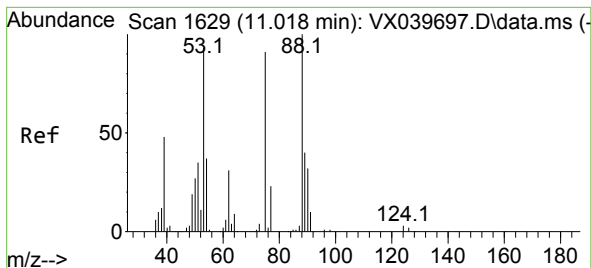
Tgt Ion:152 Resp: 60624
Ion Ratio Lower Upper
152 100
115 63.5 43.3 129.9
150 154.9 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 21.337 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX039971.D
Acq: 26 Jan 2024 10:31

Tgt Ion: 75 Resp: 33536
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

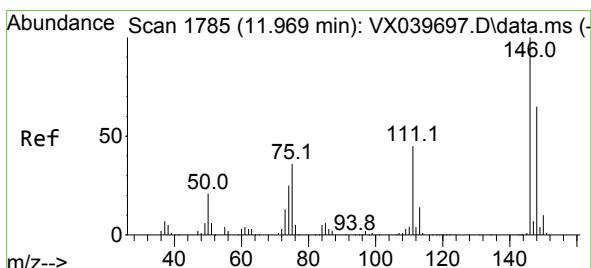
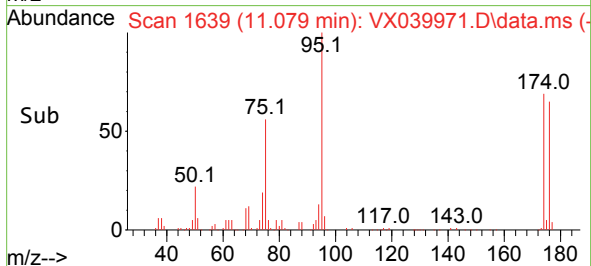
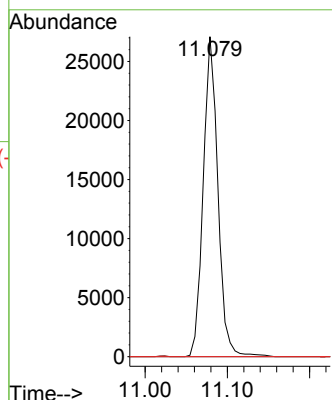
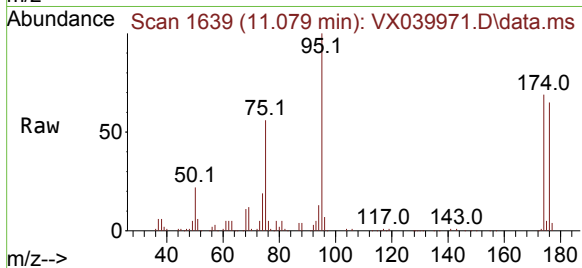




#81
trans-1,4-Dichloro-2-butene
Concen: 62.130 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039971.D
Acq: 26 Jan 2024 10:31

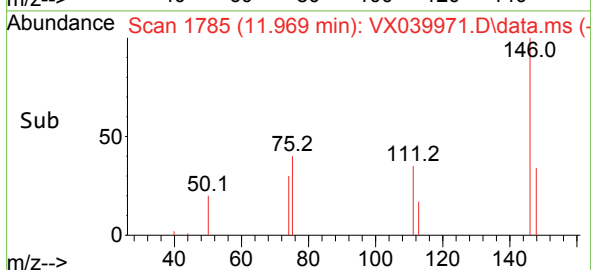
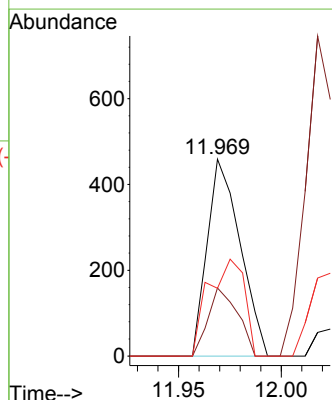
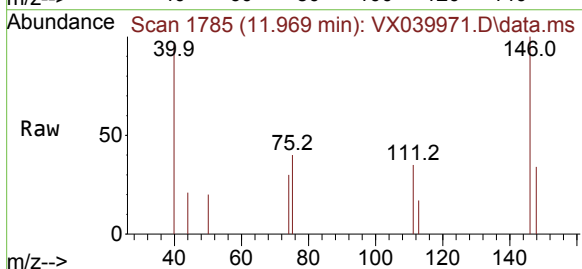
Instrument :
MSVOA_X
ClientSampleId :
VX0126MBL01

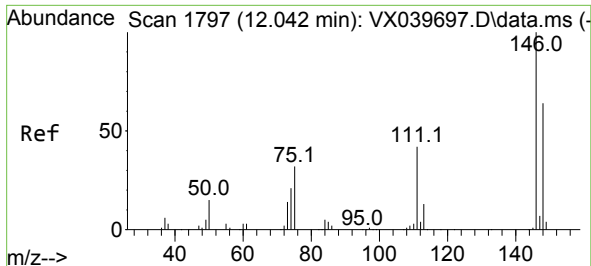
Tgt Ion: 75 Resp: 33536
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#87
1,3-Dichlorobenzene
Concen: 0.248 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039971.D
Acq: 26 Jan 2024 10:31

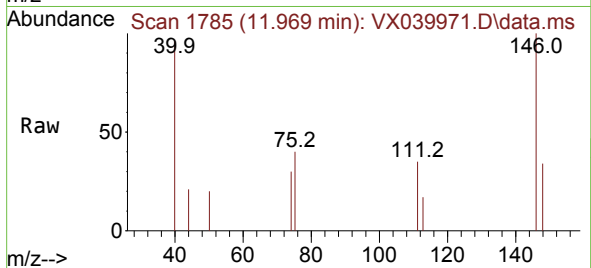
Tgt Ion:146 Resp: 511
Ion Ratio Lower Upper
146 100
111 30.9 22.1 66.1
148 53.6 31.8 95.3



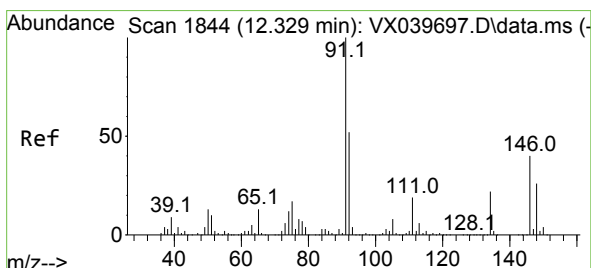
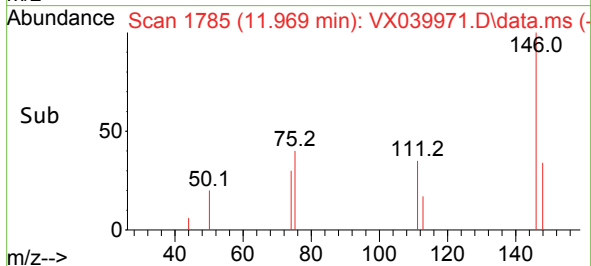
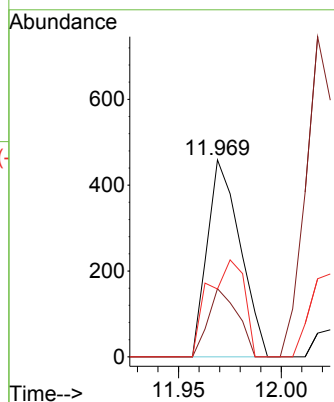


#88
1,4-Dichlorobenzene
Concen: 0.240 ug/l
RT: 11.969 min Scan# 11
Delta R.T. -0.074 min
Lab File: VX039971.D
Acq: 26 Jan 2024 10:31

Instrument :
MSVOA_X
ClientSampleId :
VX0126MBL01

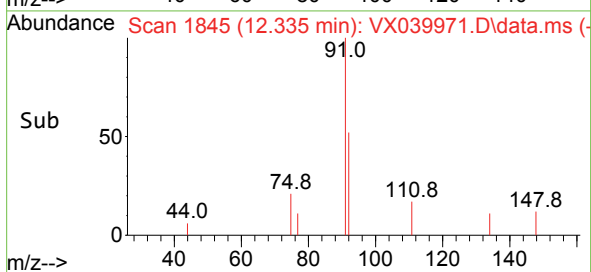
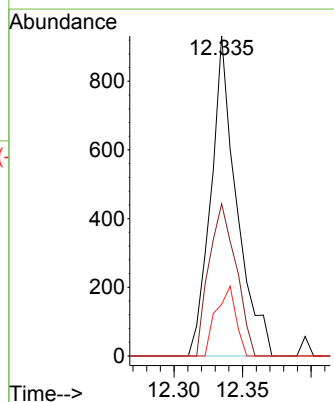
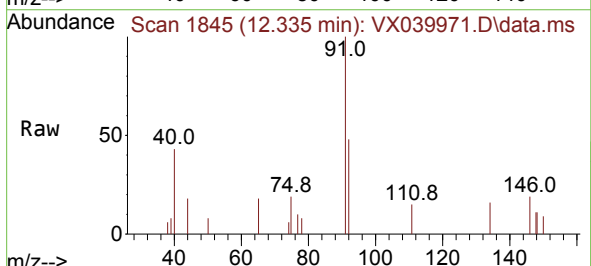


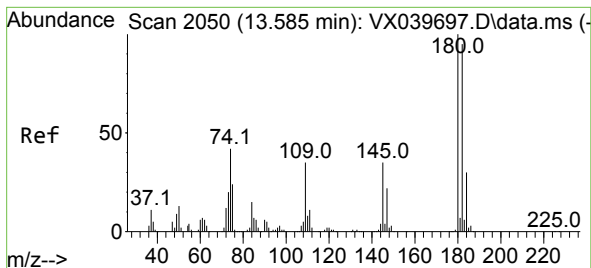
Tgt Ion:146 Resp: 511
Ion Ratio Lower Upper
146 100
111 30.9 21.3 63.7
148 53.6 31.8 95.4



#89
n-Butylbenzene
Concen: 0.309 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX039971.D
Acq: 26 Jan 2024 10:31

Tgt Ion: 91 Resp: 1212
Ion Ratio Lower Upper
91 100
92 49.8 27.4 82.0
134 16.7 12.6 37.8





#93

1,2,4-Trichlorobenzene

Concen: 0.616 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX039971.D

Acq: 26 Jan 2024 10:31

Instrument :

MSVOA_X

ClientSampleId :

VX0126MBL01

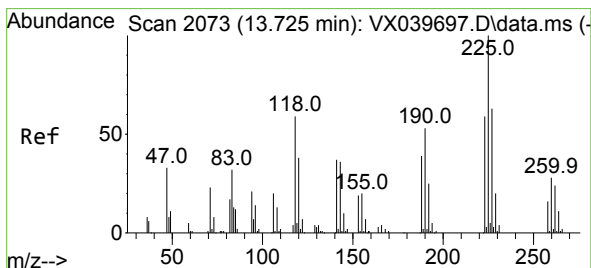
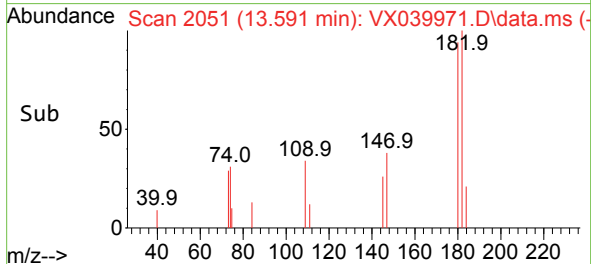
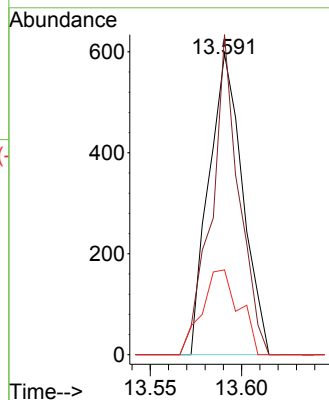
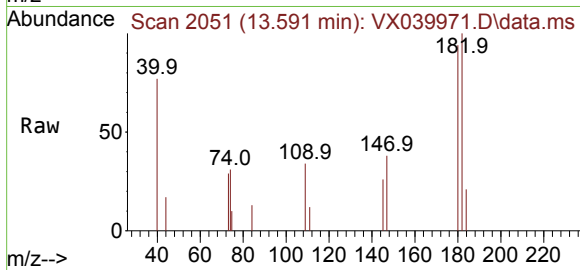
Tgt Ion:180 Resp: 767

Ion Ratio Lower Upper

180 100

182 85.9 48.3 144.8

145 31.2 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.792 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX039971.D

Acq: 26 Jan 2024 10:31

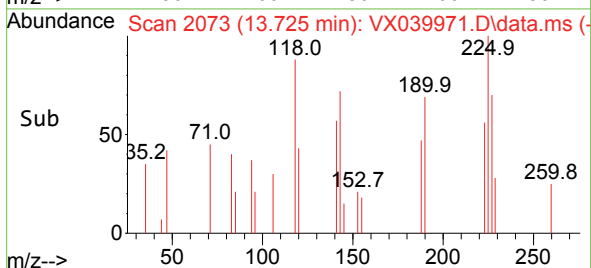
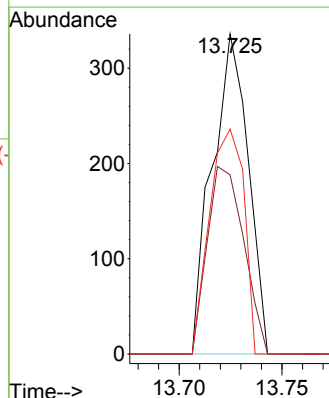
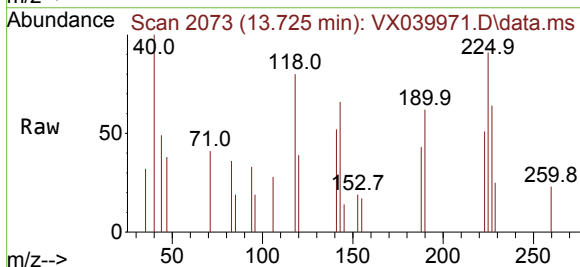
Tgt Ion:225 Resp: 410

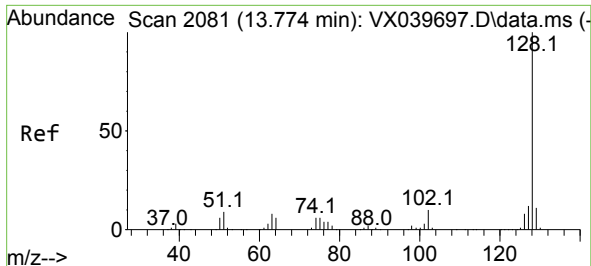
Ion Ratio Lower Upper

225 100

223 59.3 31.1 93.2

227 66.8 32.5 97.5

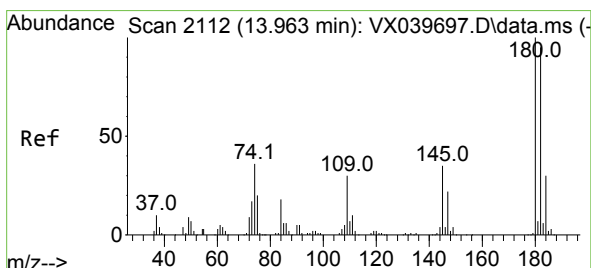
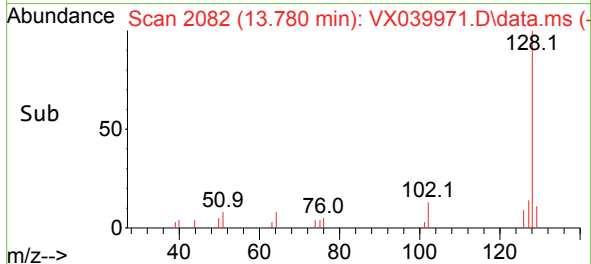
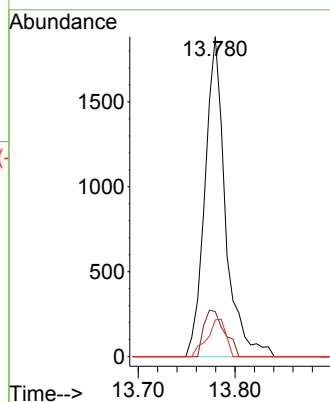
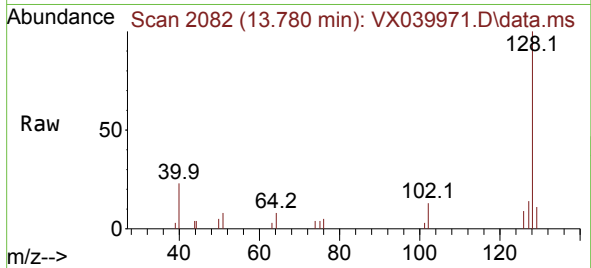




#95
Naphthalene
Concen: 0.607 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX039971.D
Acq: 26 Jan 2024 10:31

Instrument :
MSVOA_X
ClientSampleId :
VX0126MBL01

Tgt Ion:128 Resp: 2781
Ion Ratio Lower Upper
128 100
127 14.6 10.3 15.5
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.479 ug/l
RT: 13.962 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX039971.D
Acq: 26 Jan 2024 10:31

Tgt Ion:180 Resp: 602
Ion Ratio Lower Upper
180 100
182 113.5 46.9 140.6
145 51.5 17.8 53.5

