

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021924\
 Data File : VX040319.D
 Acq On : 19 Feb 2024 10:41
 Operator : JC/MD
 Sample : VX0219MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219MBL01

Quant Time: Feb 20 01:09:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

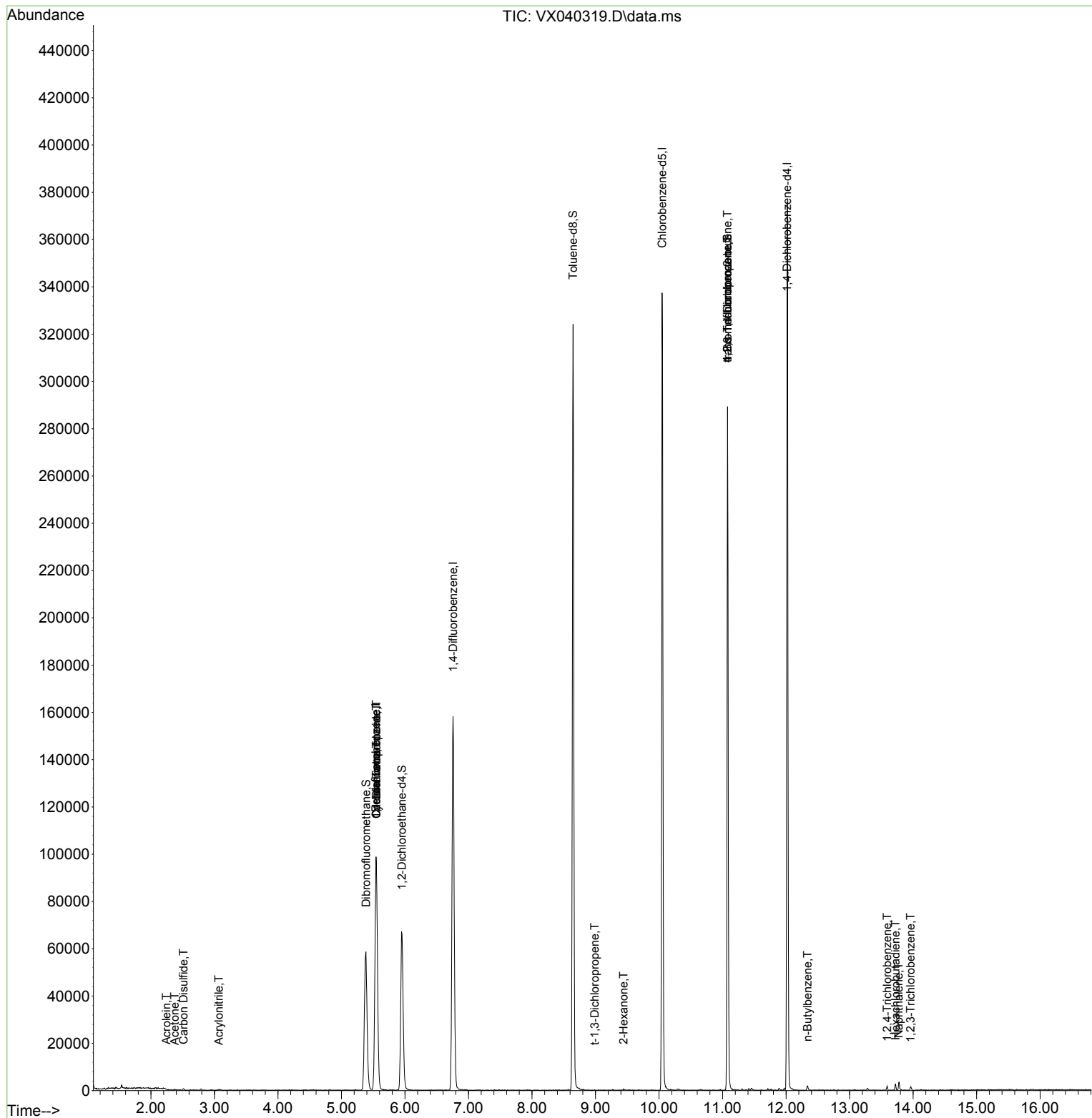
Internal Standards						
1) Pentafluorobenzene	5.543	168	89259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	156454	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	148985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	72735	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64901	48.875	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.740%
35) Dibromofluoromethane	5.385	113	51438	47.079	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.160%
50) Toluene-d8	8.646	98	188365	46.088	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.180%
62) 4-Bromofluorobenzene	11.079	95	73166	43.894	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.780%
Target Compounds						
					Qvalue	
13) Acrolein	2.239	56	55	0.230	ug/l #	74
15) Acrylonitrile	3.068	53	169	0.292	ug/l #	45
16) Acetone	2.373	43	341	0.625	ug/l #	47
17) Carbon Disulfide	2.513	76	652	0.271	ug/l #	76
20) Methylene Chloride	2.788	84	219	Below Cal	#	61
31) Cyclohexane	5.550	56	2201	1.390	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	8337	5.447	ug/l #	48
38) Carbon Tetrachloride	5.550	117	9557	6.567	ug/l #	16
53) t-1,3-Dichloropropene	8.988	75	52	1.985	ug/l #	43
59) 2-Hexanone	9.439	43	320	0.222	ug/l #	63
76) 1,2,3-Trichloropropane	11.079	75	39421	26.764	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	39421	73.370	ug/l #	5
89) n-Butylbenzene	12.341	91	990	0.230	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	489	0.308	ug/l	96
94) Hexachlorobutadiene	13.725	225	518	0.817	ug/l	91
95) Naphthalene	13.774	128	2571	0.512	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	579	0.382	ug/l	89

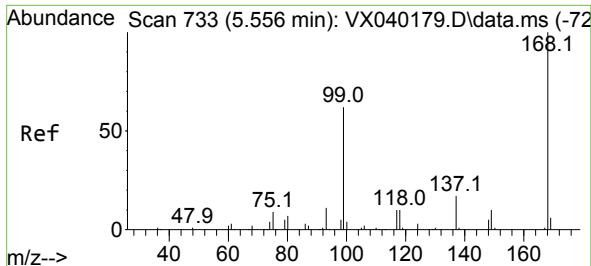
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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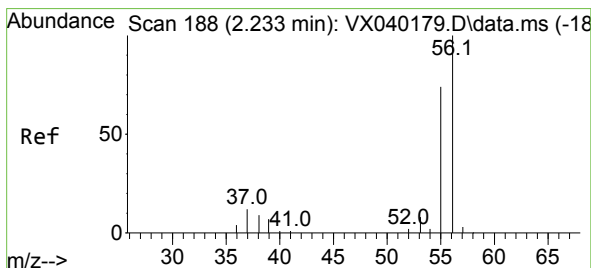
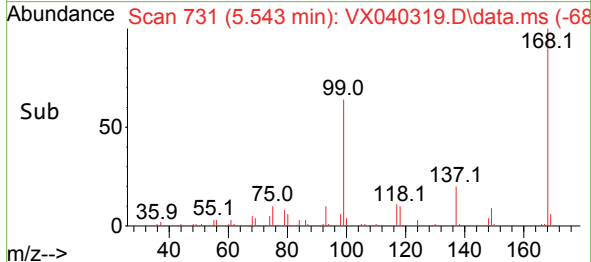
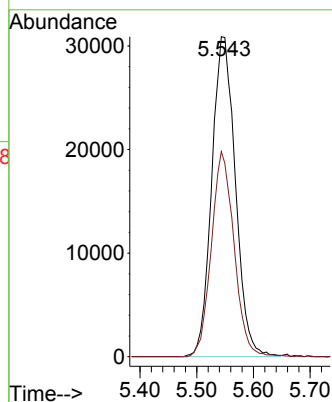
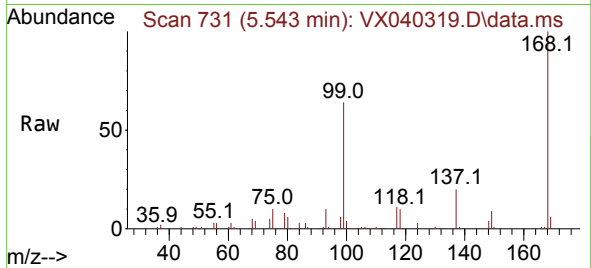




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX040319.D
Acq: 19 Feb 2024 10:41

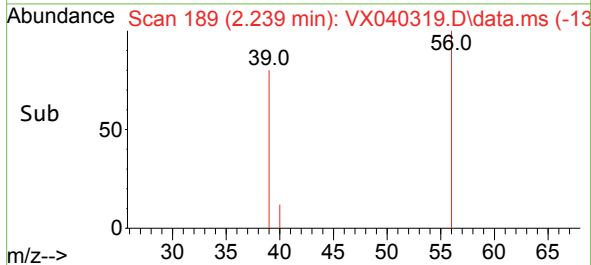
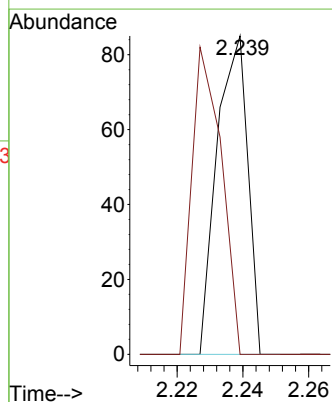
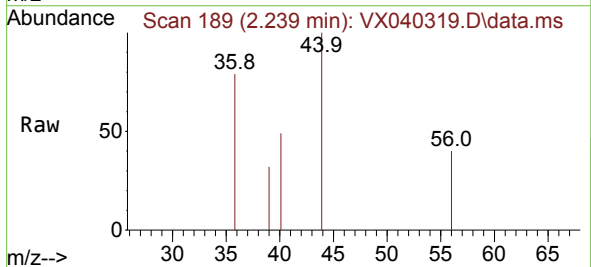
Instrument :
MSVOA_X
ClientSampleId :
VX0219MBL01

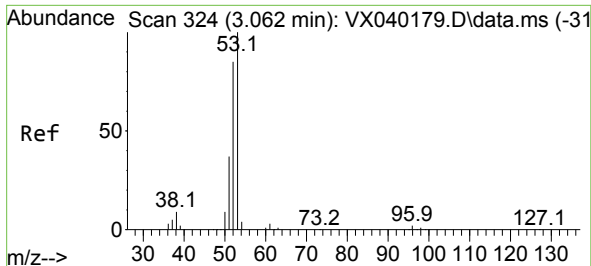
Tgt Ion:168 Resp: 89259
Ion Ratio Lower Upper
168 100
99 64.1 56.6 85.0



#13
Acrolein
Concen: 0.230 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX040319.D
Acq: 19 Feb 2024 10:41

Tgt Ion: 56 Resp: 55
Ion Ratio Lower Upper
56 100
55 92.7 57.1 85.7#

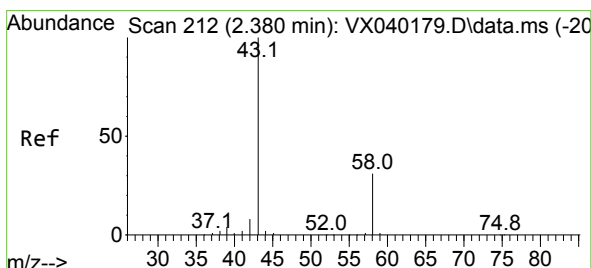
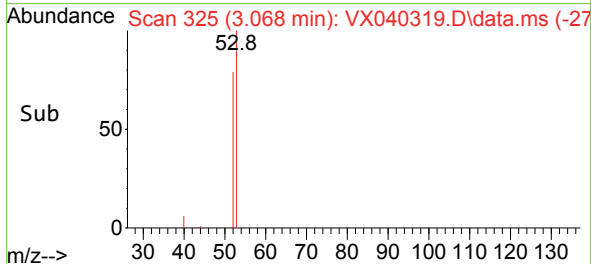
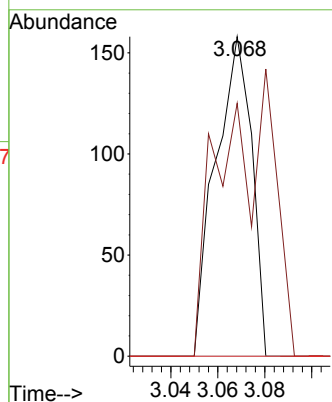
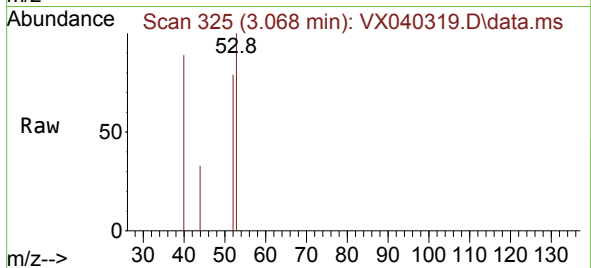




#15
Acrylonitrile
Concen: 0.292 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX040319.D
Acq: 19 Feb 2024 10:41

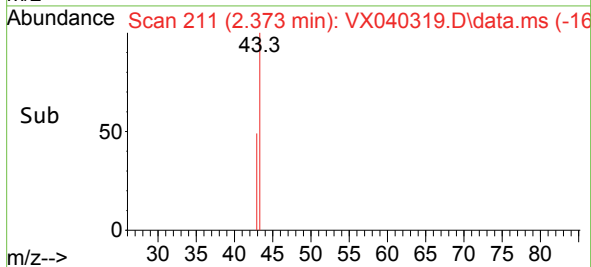
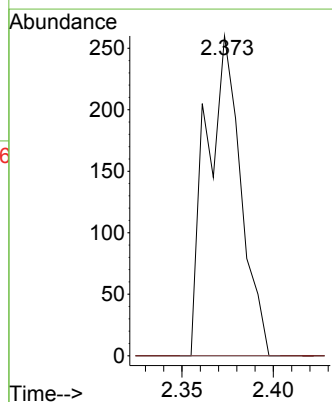
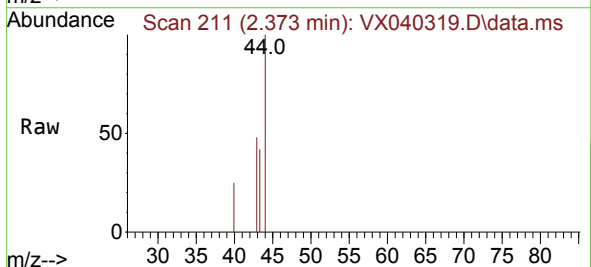
Instrument :
MSVOA_X
ClientSampleId :
VX0219MBL01

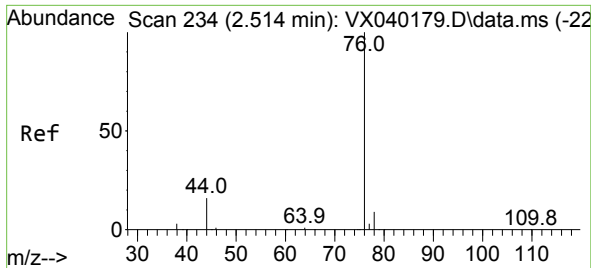
Tgt Ion: 53 Resp: 169
Ion Ratio Lower Upper
53 100
52 129.0 66.0 99.0#
51 0.0 29.8 44.6#



#16
Acetone
Concen: 0.625 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040319.D
Acq: 19 Feb 2024 10:41

Tgt Ion: 43 Resp: 341
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.271 ug/l

RT: 2.513 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX040319.D

Acq: 19 Feb 2024 10:41

Instrument :

MSVOA_X

ClientSampleId :

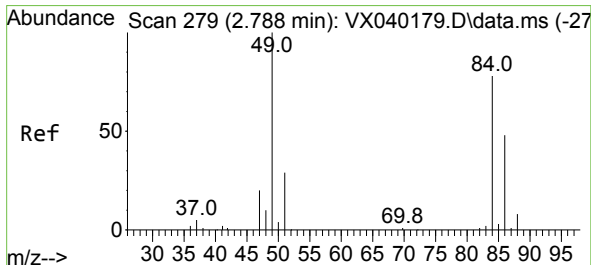
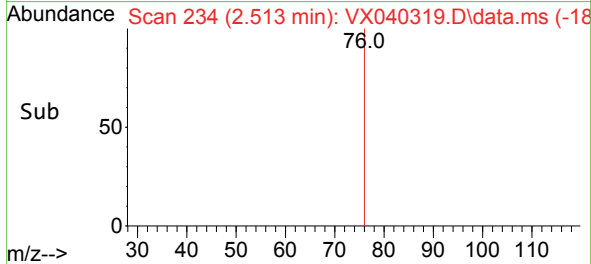
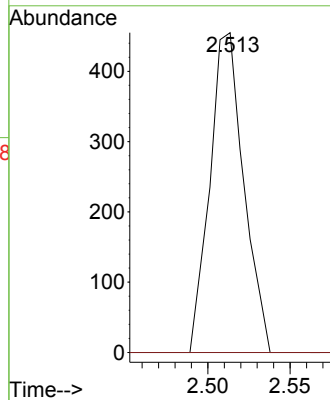
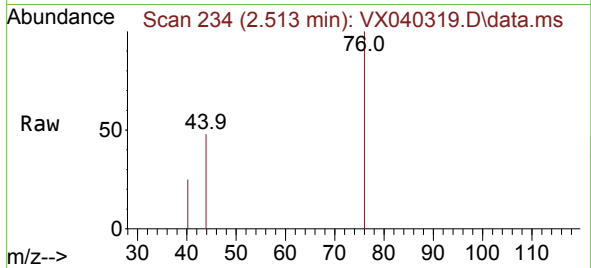
VX0219MBL01

Tgt Ion: 76 Resp: 652

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX040319.D

Acq: 19 Feb 2024 10:41

Tgt Ion: 84 Resp: 219

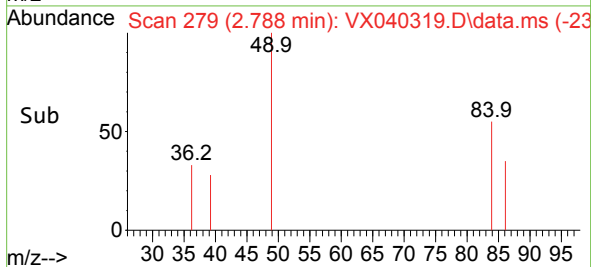
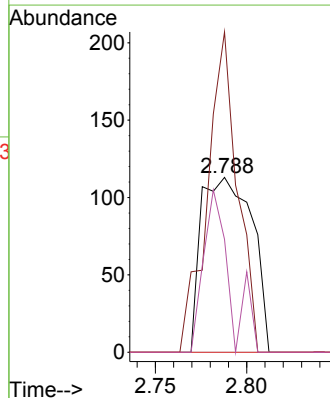
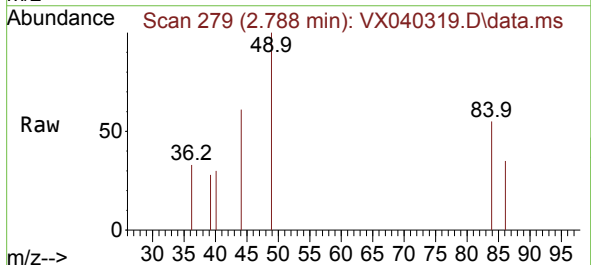
Ion Ratio Lower Upper

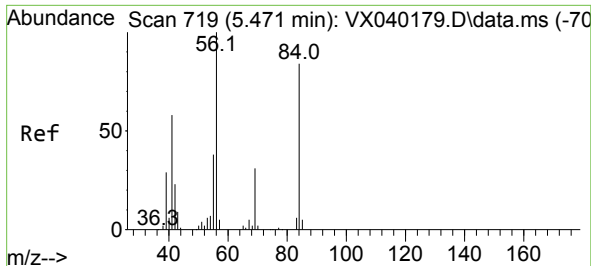
84 100

49 183.2 103.6 155.4#

51 0.0 33.8 50.6#

86 64.6 49.4 74.0

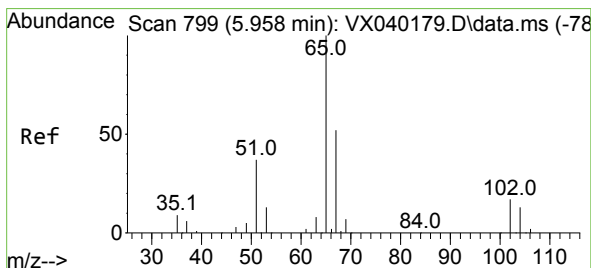
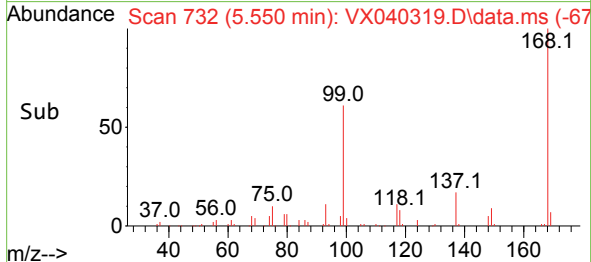
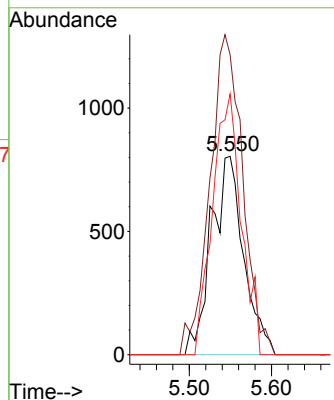
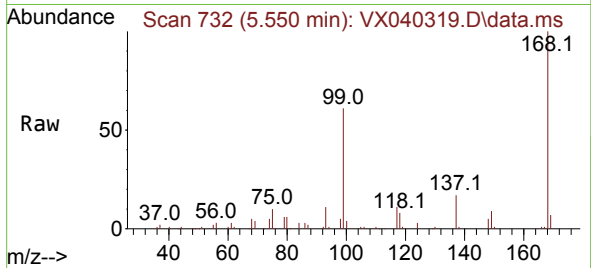




#31
Cyclohexane
Concen: 1.390 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX040319.D
Acq: 19 Feb 2024 10:41

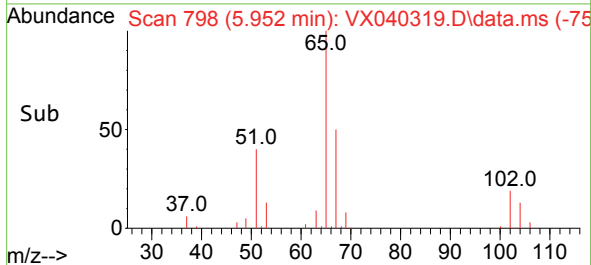
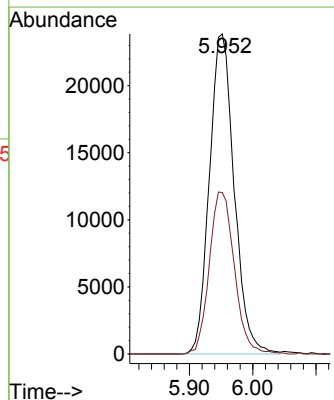
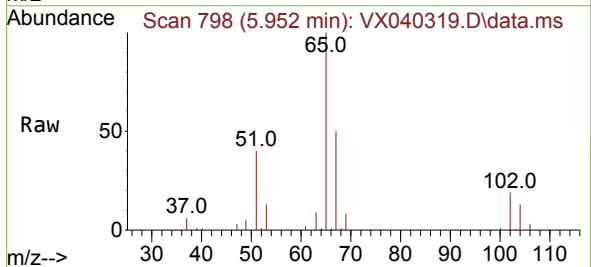
Instrument :
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ClientSampleId :
VX0219MBL01

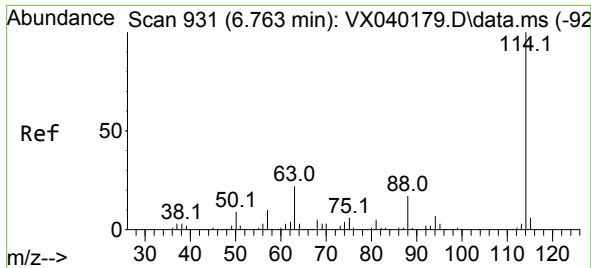
Tgt Ion: 56 Resp: 2201
Ion Ratio Lower Upper
56 100
69 151.2 23.4 35.2#
84 131.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.875 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040319.D
Acq: 19 Feb 2024 10:41

Tgt Ion: 65 Resp: 64901
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.2

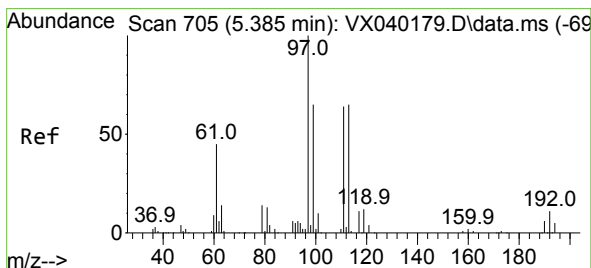
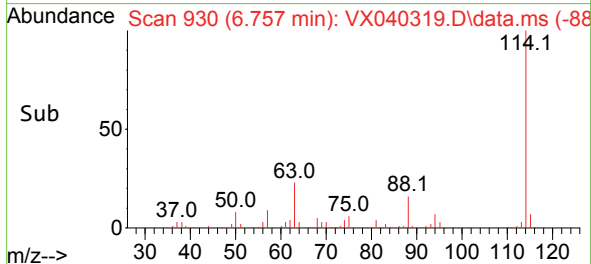
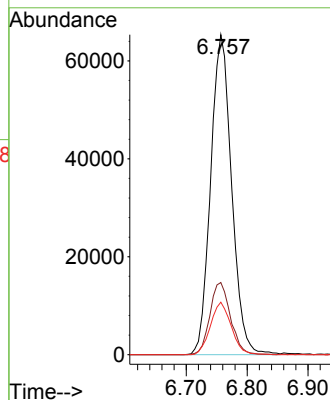
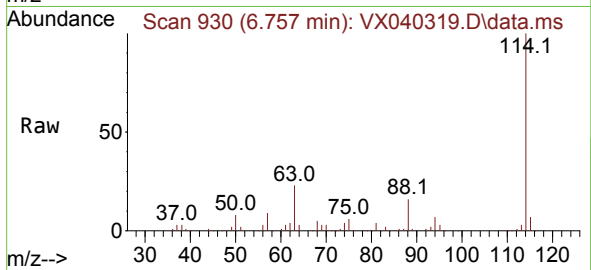




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX040319.D
Acq: 19 Feb 2024 10:41

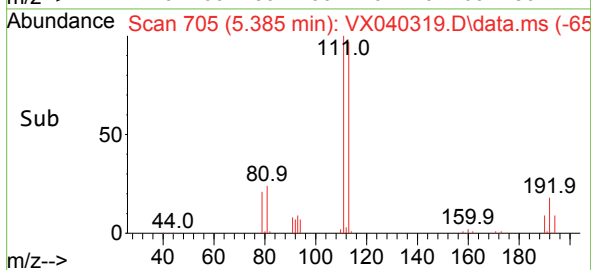
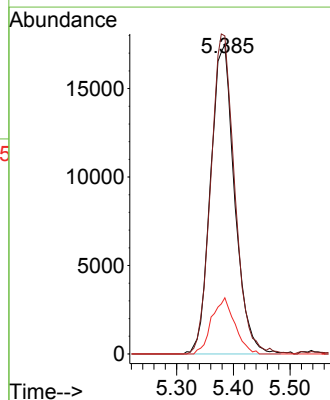
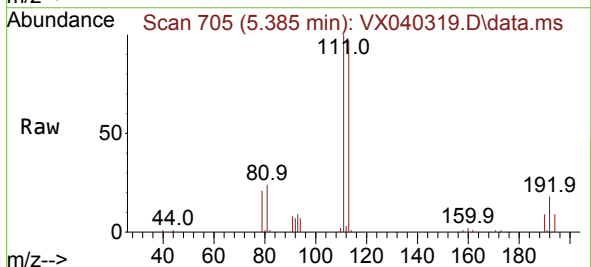
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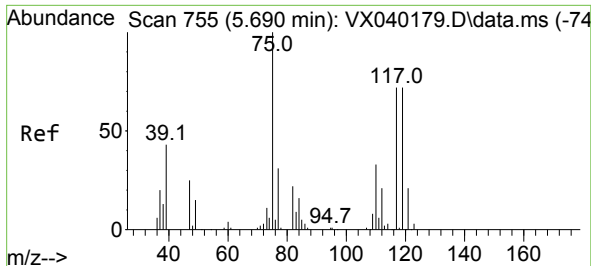
Tgt Ion:114 Resp: 156454
Ion Ratio Lower Upper
114 100
63 22.5 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.079 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040319.D
Acq: 19 Feb 2024 10:41

Tgt Ion:113 Resp: 51438
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 17.5 13.3 19.9

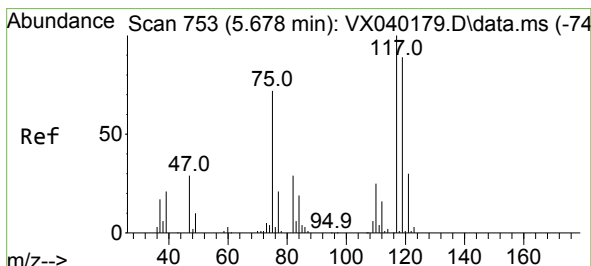
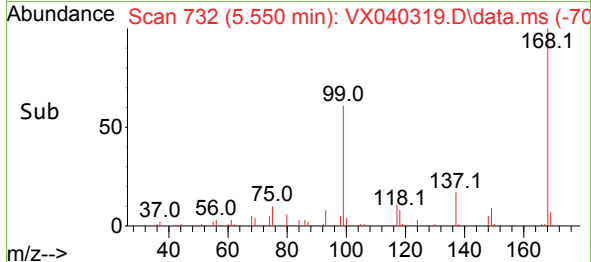
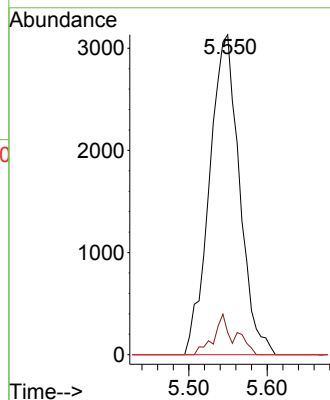
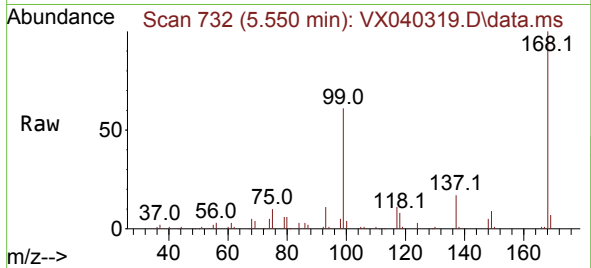




#36
1,1-Dichloropropene
Concen: 5.447 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX040319.D
Acq: 19 Feb 2024 10:41

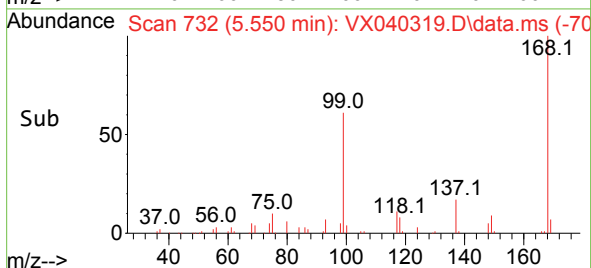
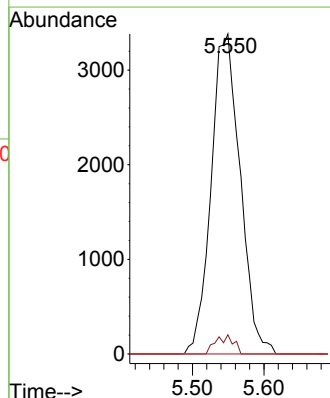
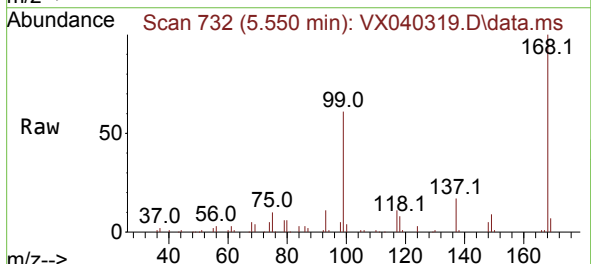
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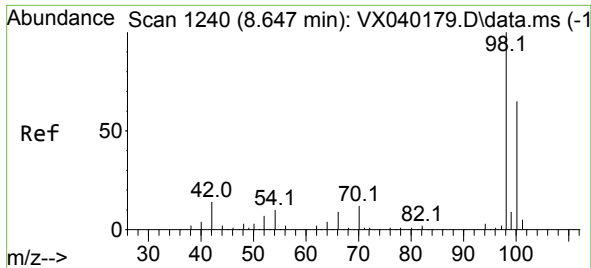
Tgt Ion: 75 Resp: 8337
Ion Ratio Lower Upper
75 100
110 6.1 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.567 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX040319.D
Acq: 19 Feb 2024 10:41

Tgt Ion: 117 Resp: 9557
Ion Ratio Lower Upper
117 100
119 6.0 78.2 117.2#
121 0.0 24.4 36.6#

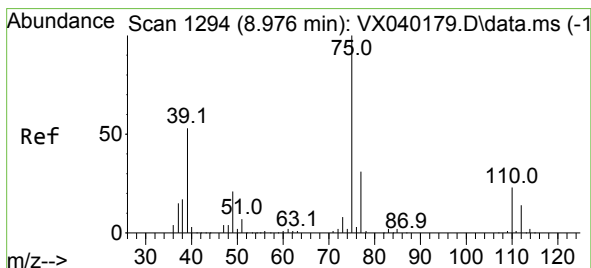
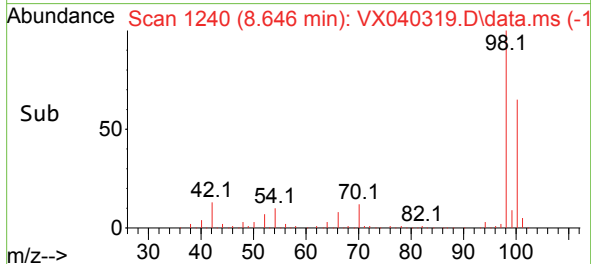
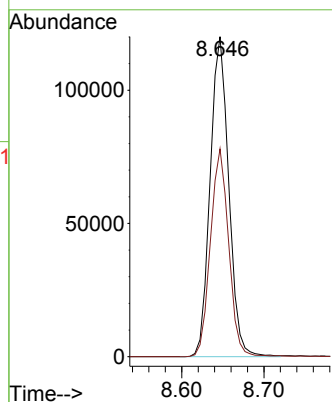
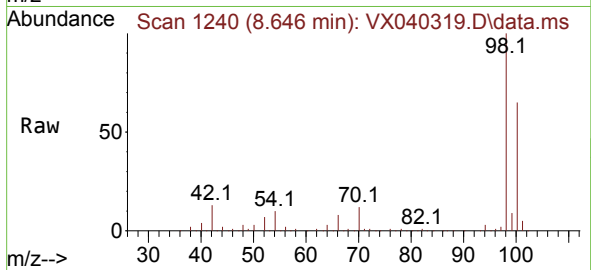




#50
Toluene-d8
Concen: 46.088 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040319.D
Acq: 19 Feb 2024 10:41

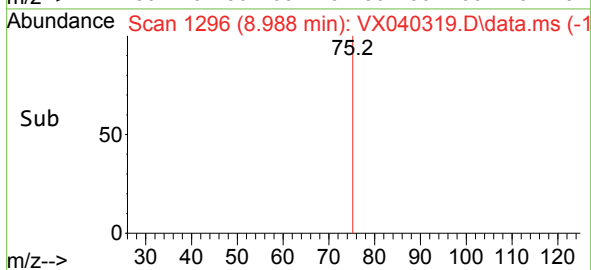
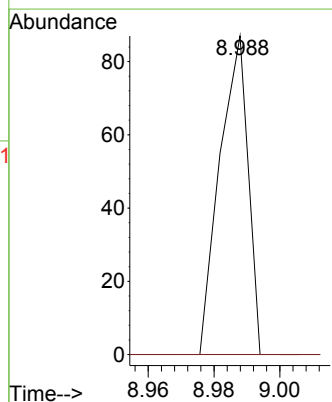
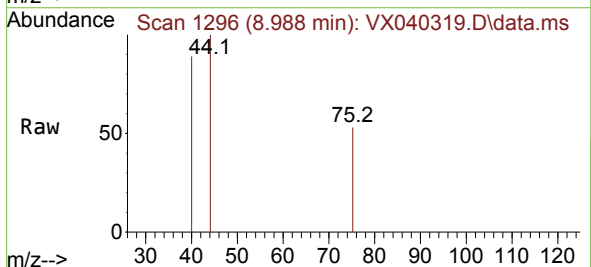
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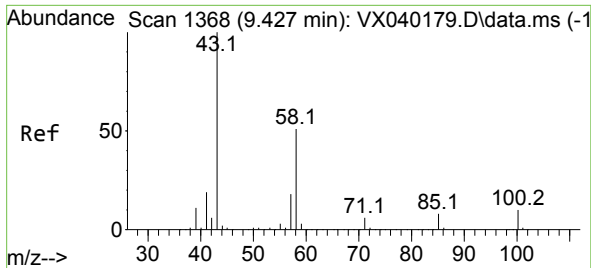
Tgt Ion: 98 Resp: 188365
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#53
t-1,3-Dichloropropene
Concen: 1.985 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.012 min
Lab File: VX040319.D
Acq: 19 Feb 2024 10:41

Tgt Ion: 75 Resp: 52
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#

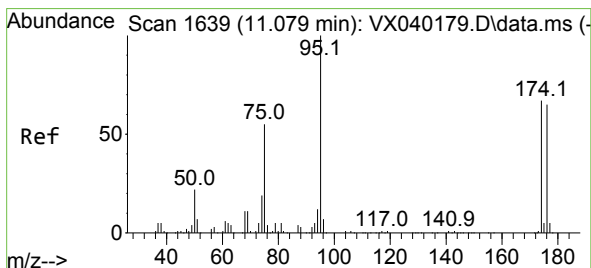
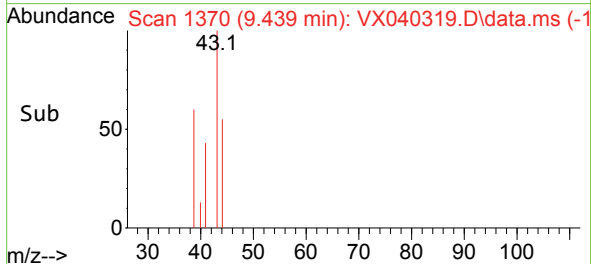
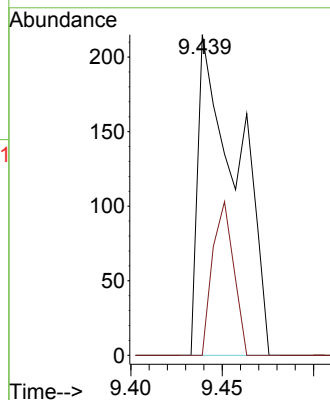
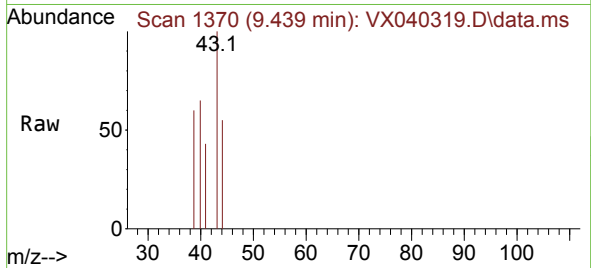




#59
2-Hexanone
Concen: 0.222 ug/l
RT: 9.439 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX040319.D
Acq: 19 Feb 2024 10:41

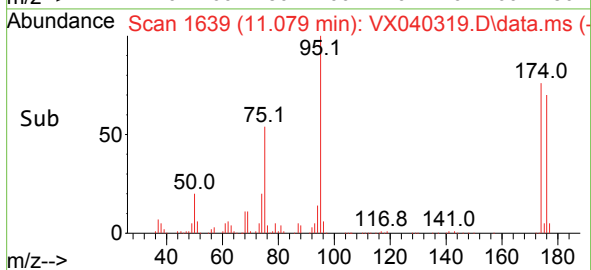
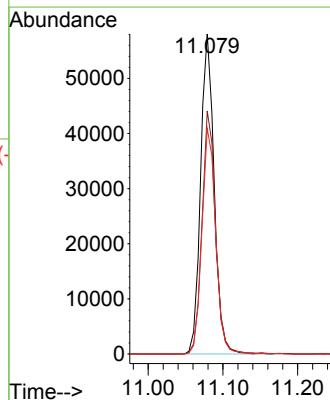
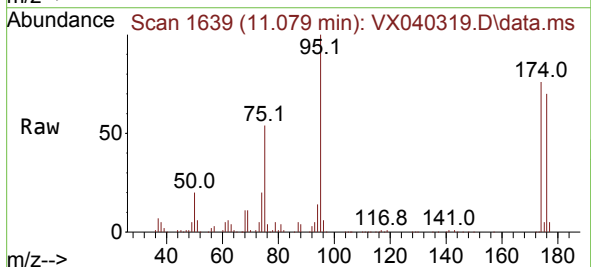
Instrument :
MSVOA_X
ClientSampleId :
VX0219MBL01

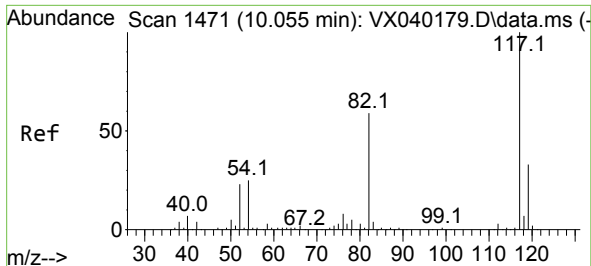
Tgt Ion: 43 Resp: 320
Ion Ratio Lower Upper
43 100
58 25.9 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 43.894 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040319.D
Acq: 19 Feb 2024 10:41

Tgt Ion: 95 Resp: 73166
Ion Ratio Lower Upper
95 100
174 75.5 0.0 135.6
176 71.4 0.0 131.0

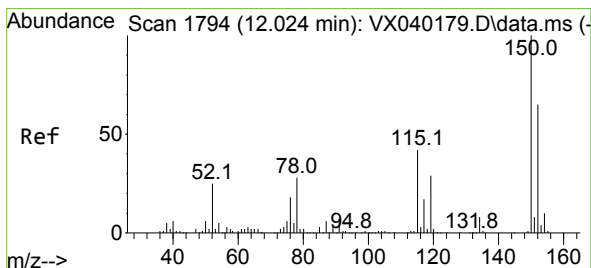
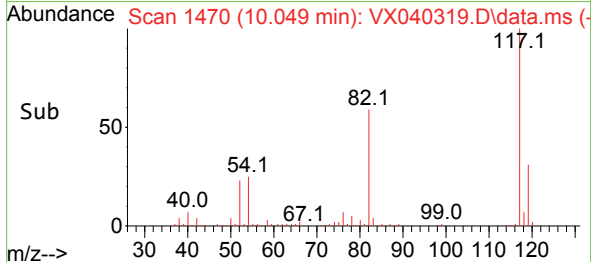
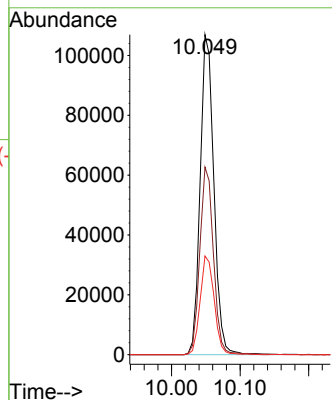
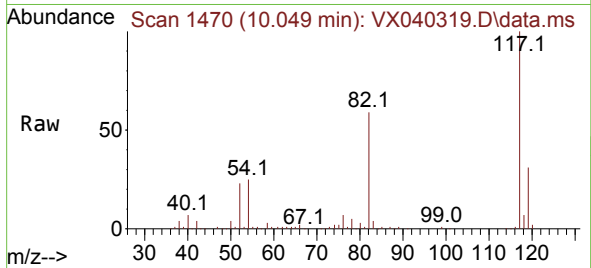




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX040319.D
Acq: 19 Feb 2024 10:41

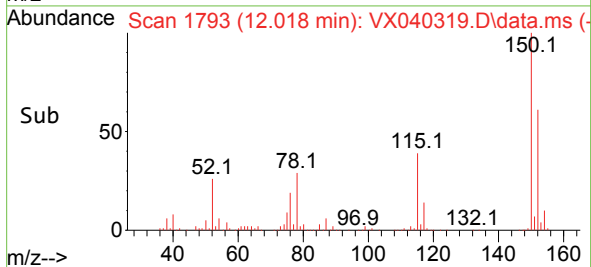
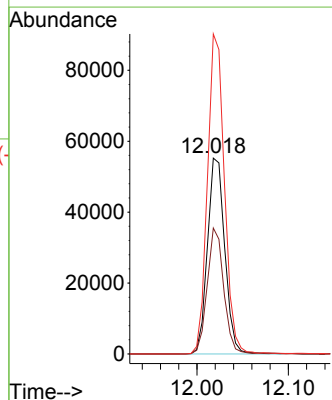
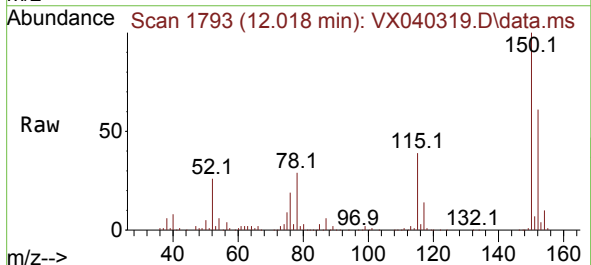
Instrument :
MSVOA_X
ClientSampleId :
VX0219MBL01

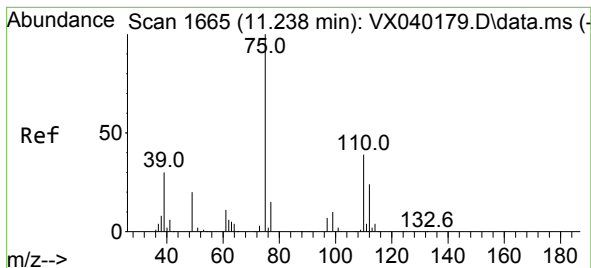
Tgt Ion:117 Resp: 148985
Ion Ratio Lower Upper
117 100
82 58.6 46.2 69.4
119 30.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX040319.D
Acq: 19 Feb 2024 10:41

Tgt Ion:152 Resp: 72735
Ion Ratio Lower Upper
152 100
115 61.0 43.3 129.9
150 159.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 26.764 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX040319.D

Acq: 19 Feb 2024 10:41

Instrument :

MSVOA_X

ClientSampleId :

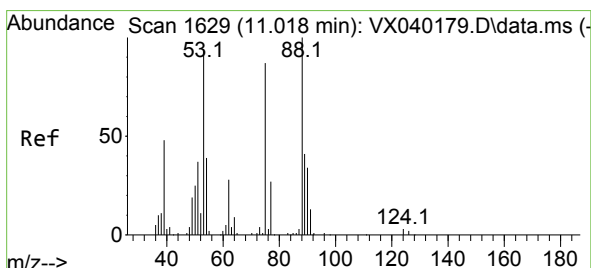
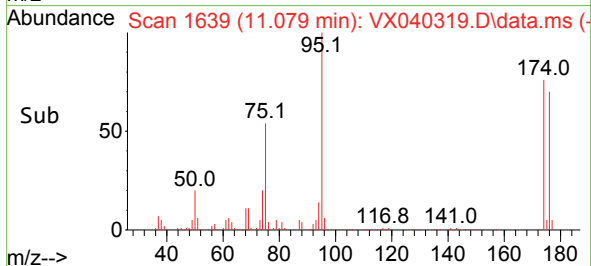
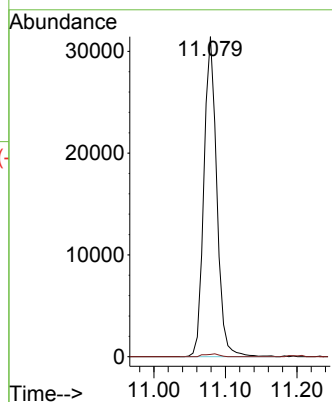
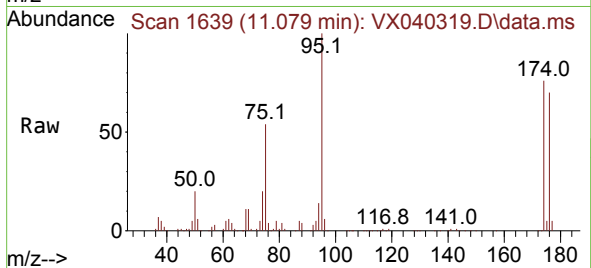
VX0219MBL01

Tgt Ion: 75 Resp: 39421

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 73.370 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040319.D

Acq: 19 Feb 2024 10:41

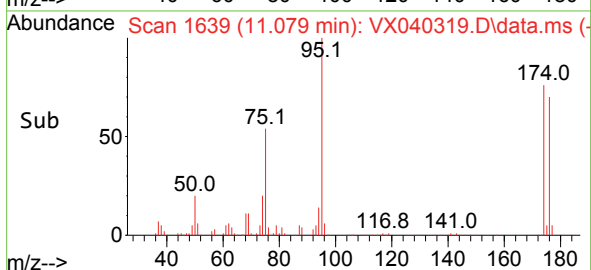
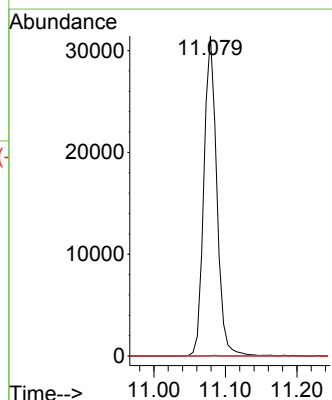
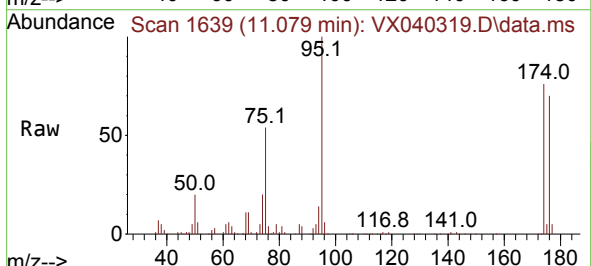
Tgt Ion: 75 Resp: 39421

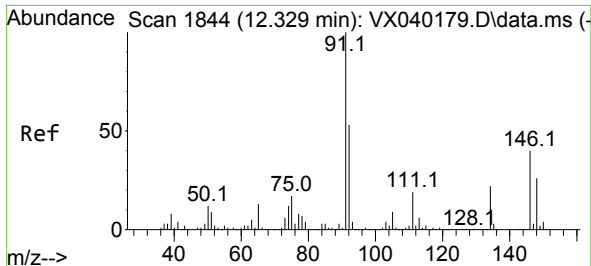
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#

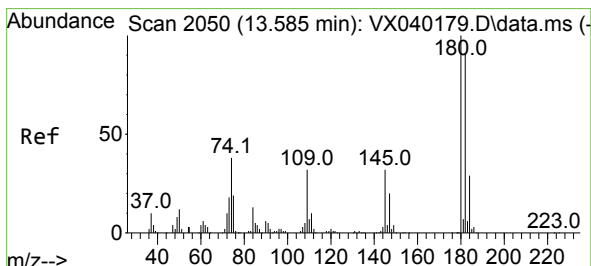
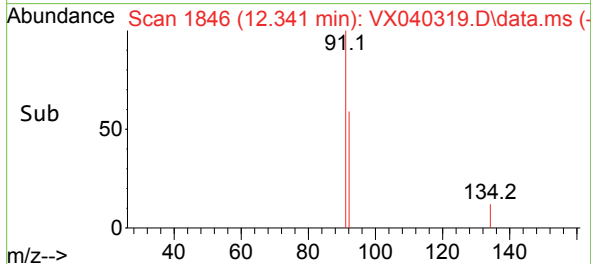
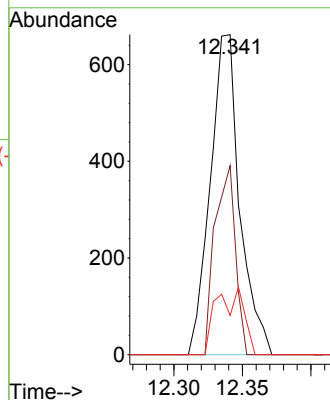
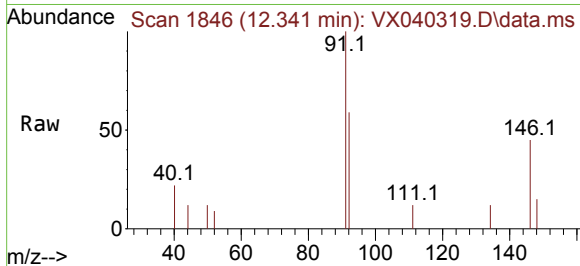




#89
n-Butylbenzene
Concen: 0.230 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX040319.D
Acq: 19 Feb 2024 10:41

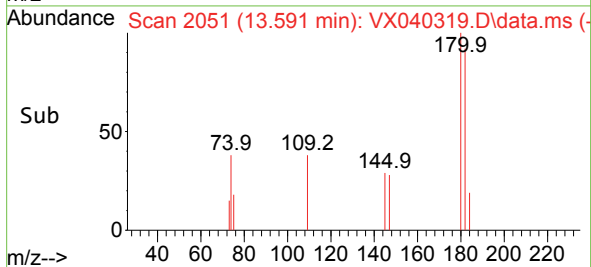
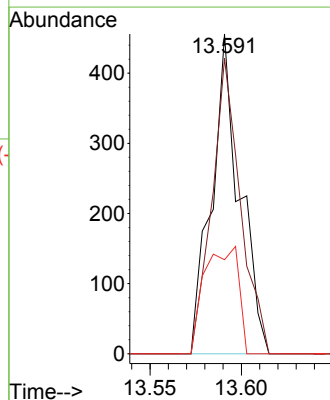
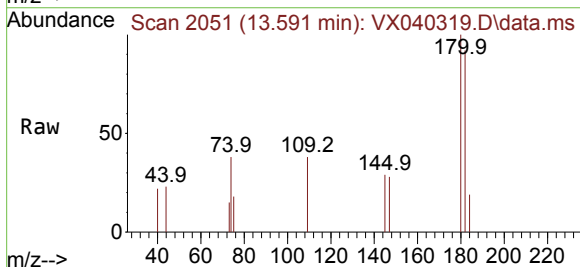
Instrument :
MSVOA_X
ClientSampleId :
VX0219MBL01

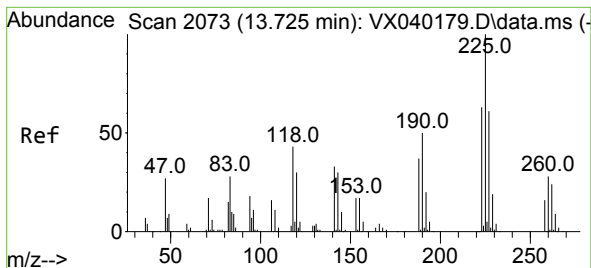
Tgt Ion: 91	Resp:	990
Ion	Ratio	Lower Upper
91	100	
92	40.9	27.4 82.0
134	19.3	12.6 37.8



#93
1,2,4-Trichlorobenzene
Concen: 0.308 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX040319.D
Acq: 19 Feb 2024 10:41

Tgt Ion: 180	Resp:	489
Ion	Ratio	Lower Upper
180	100	
182	93.7	48.3 144.8
145	40.5	18.0 54.0





#94

Hexachlorobutadiene

Concen: 0.817 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX040319.D

Acq: 19 Feb 2024 10:41

Instrument :

MSVOA_X

ClientSampleId :

VX0219MBL01

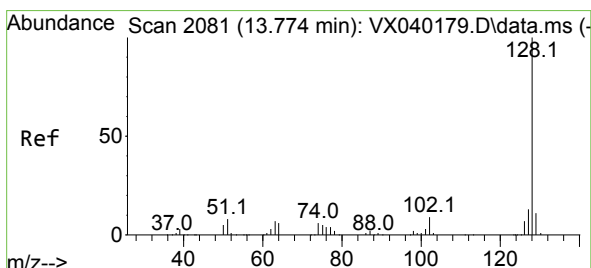
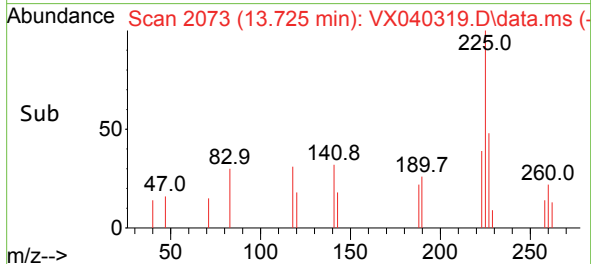
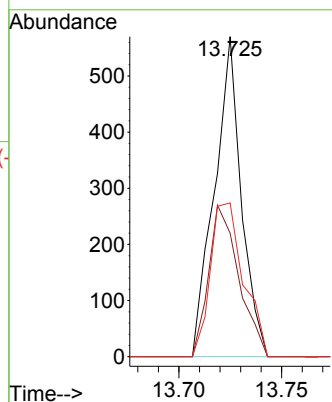
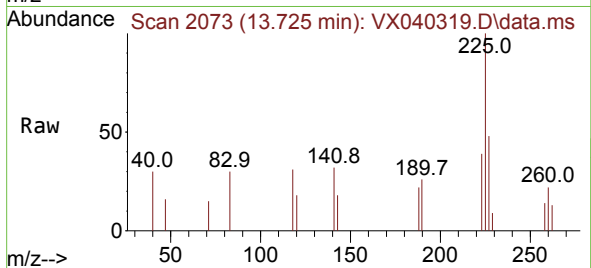
Tgt Ion:225 Resp: 518

Ion Ratio Lower Upper

225 100

223 53.1 31.1 93.2

227 59.5 32.5 97.5



#95

Naphthalene

Concen: 0.512 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX040319.D

Acq: 19 Feb 2024 10:41

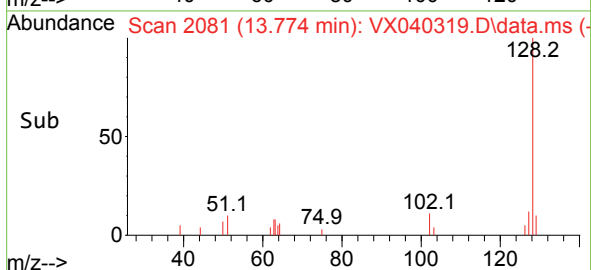
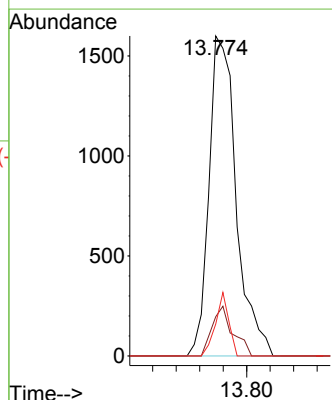
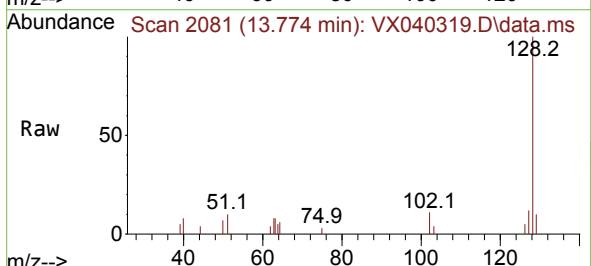
Tgt Ion:128 Resp: 2571

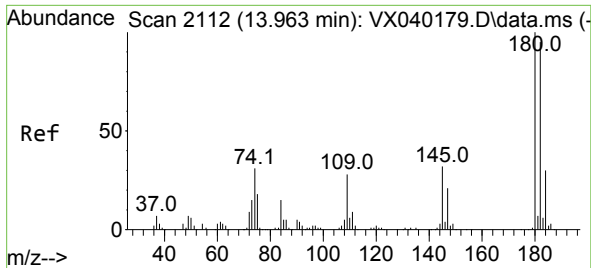
Ion Ratio Lower Upper

128 100

127 11.9 10.3 15.5

129 9.6 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.382 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX040319.D
 Acq: 19 Feb 2024 10:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0219MBL01

Tgt Ion:180 Resp: 579
 Ion Ratio Lower Upper
 180 100
 182 101.7 46.9 140.6
 145 24.7 17.8 53.5

