

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092923\
 Data File : VX037964.D
 Acq On : 29 Sep 2023 10:40
 Operator : JC/MD
 Sample : VX0929MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0929MBL01

Quant Time: Sep 29 22:59:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

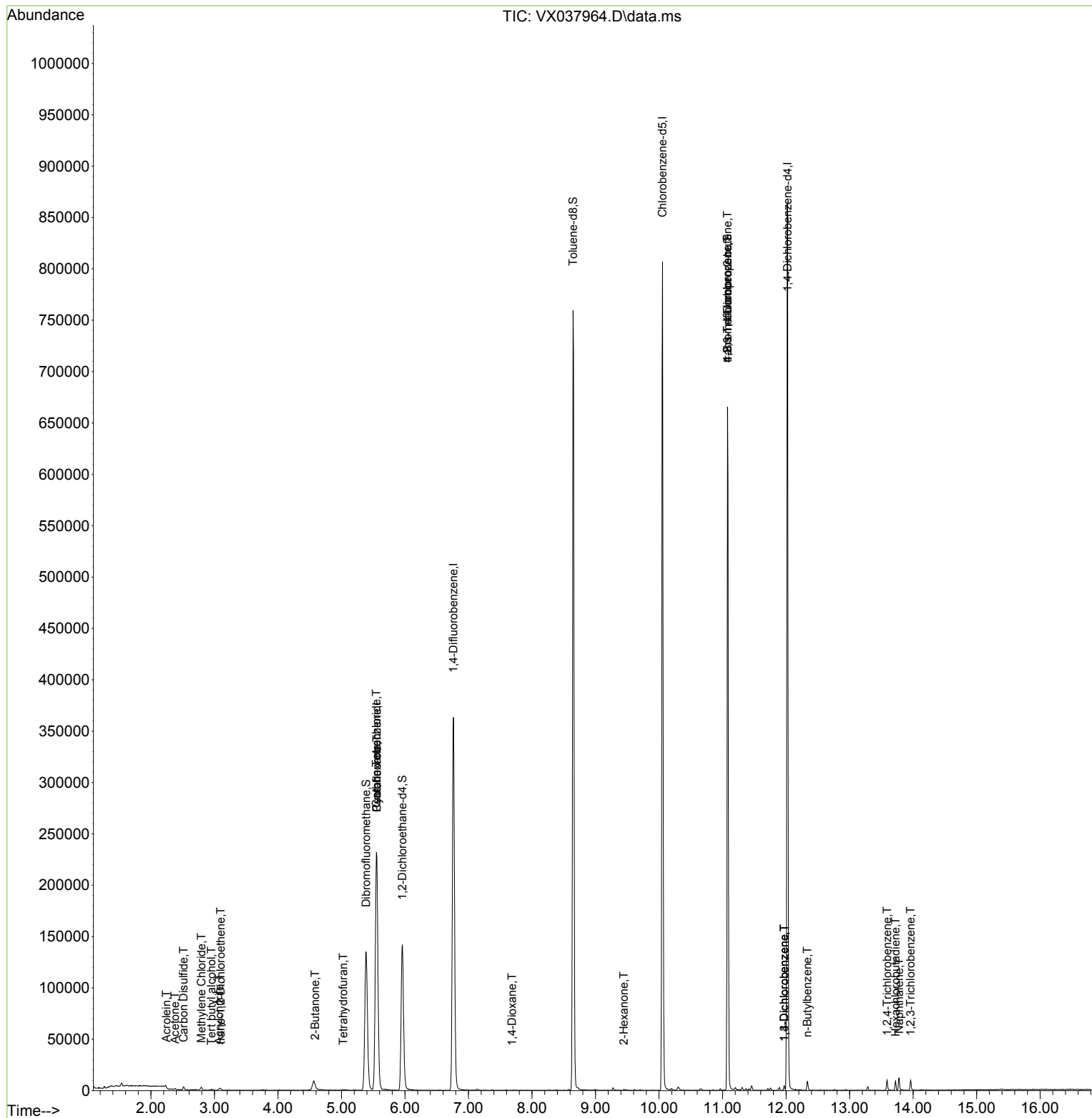
Internal Standards						
1) Pentafluorobenzene	5.556	168	226995	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	384151	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	365527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	187907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135977	45.594	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.180%		
35) Dibromofluoromethane	5.385	113	119457	46.475	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.940%		
50) Toluene-d8	8.647	98	463078	48.487	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.980%		
62) 4-Bromofluorobenzene	11.079	95	170896	49.243	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.480%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.953	59	579	0.904	ug/l	# 78
13) Acrolein	2.239	56	719	1.137	ug/l	90
15) Acrylonitrile	3.075	53	973	0.684	ug/l	90
16) Acetone	2.380	43	1364	0.951	ug/l	90
17) Carbon Disulfide	2.514	76	3444	0.620	ug/l	# 95
20) Methylene Chloride	2.794	84	1200	0.427	ug/l	# 79
21) trans-1,2-Dichloroethene	3.099	96	783	0.318	ug/l	# 67
25) 2-Butanone	4.587	43	1033	0.510	ug/l	# 51
29) Tetrahydrofuran	5.026	42	257	0.204	ug/l	# 55
31) Cyclohexane	5.556	56	4732	1.236	ug/l	# 2
38) Carbon Tetrachloride	5.550	117	22525	6.080	ug/l	# 15
49) 1,4-Dioxane	7.684	88	119	1.526	ug/l	# 35
59) 2-Hexanone	9.445	43	709	0.231	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	86301	19.857	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	86301	63.610	ug/l	# 5
87) 1,3-Dichlorobenzene	11.969	146	1674	0.263	ug/l	95
88) 1,4-Dichlorobenzene	11.969	146	1674	0.257	ug/l	96
89) n-Butylbenzene	12.335	91	3246	0.312	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	2784	0.728	ug/l	95
94) Hexachlorobutadiene	13.725	225	1437	0.804	ug/l	92
95) Naphthalene	13.780	128	8675	0.671	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	2857	0.726	ug/l	96

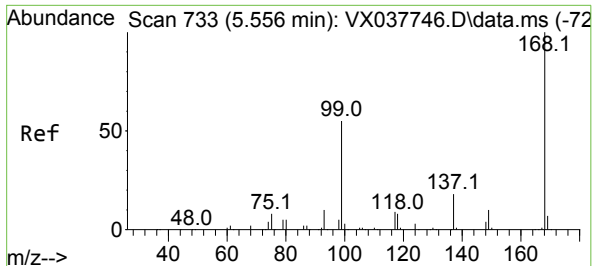
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092923\
Data File : VX037964.D
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Sample : VX0929MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Sep 29 22:59:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration

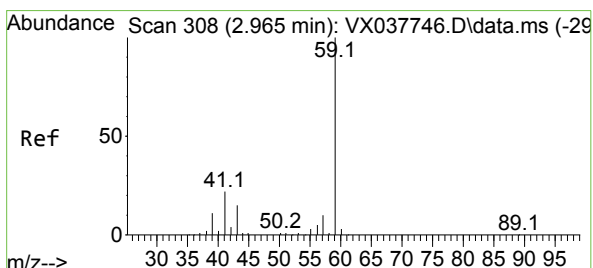
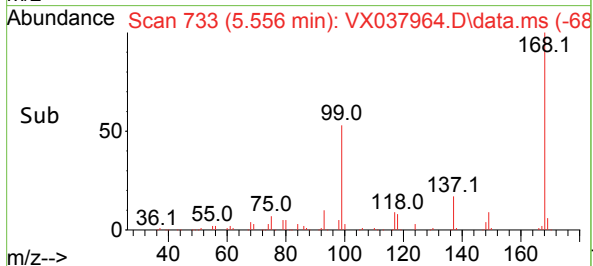
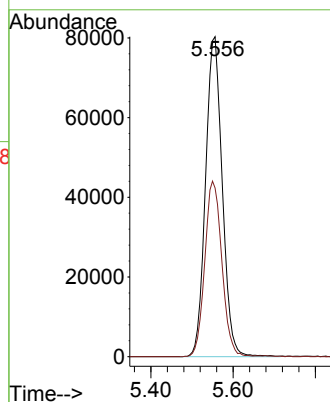
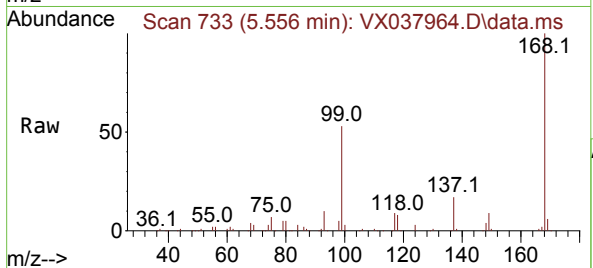




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037964.D
Acq: 29 Sep 2023 10:40

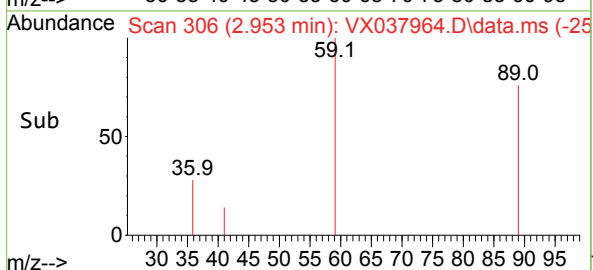
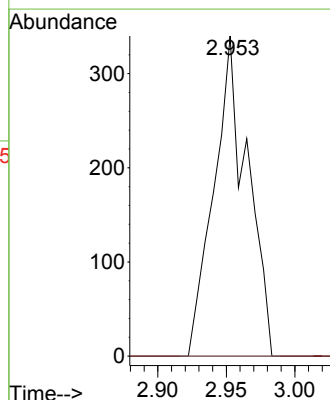
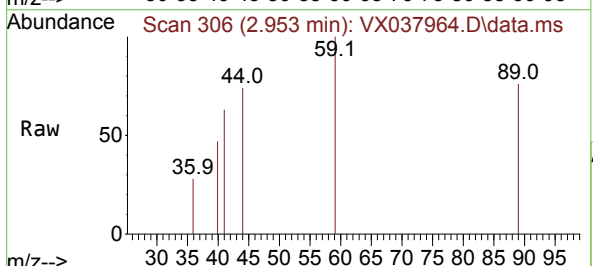
Instrument :
MSVOA_X
ClientSampleId :
VX0929MBL01

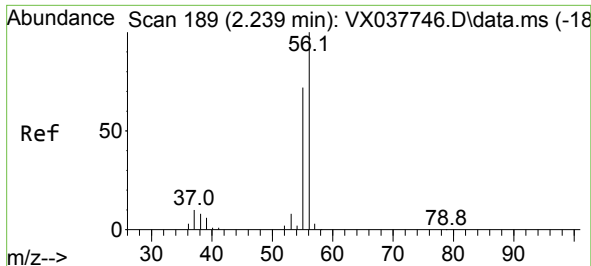
Tgt Ion:168 Resp: 226995
Ion Ratio Lower Upper
168 100
99 52.7 56.6 85.0#



#11
Tert butyl alcohol
Concen: 0.904 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX037964.D
Acq: 29 Sep 2023 10:40

Tgt Ion: 59 Resp: 579
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 1.137 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037964.D

Acq: 29 Sep 2023 10:40

Instrument :

MSVOA_X

ClientSampleId :

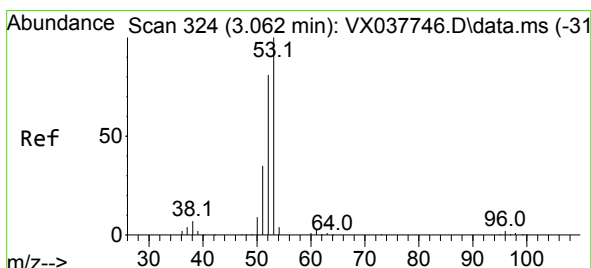
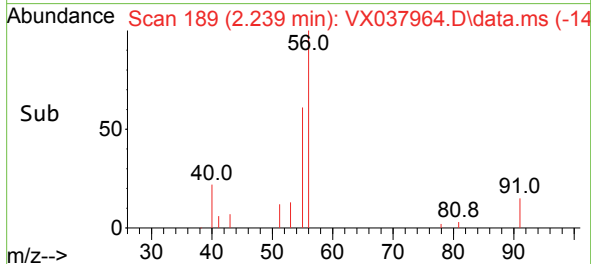
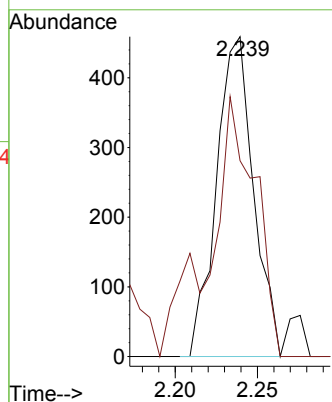
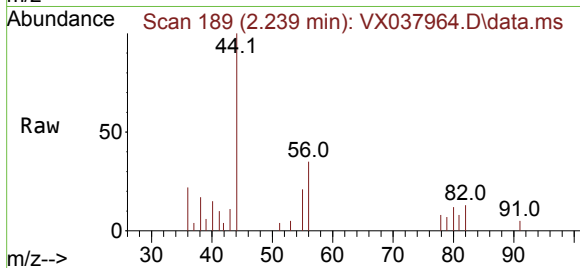
VX0929MBL01

Tgt Ion: 56 Resp: 719

Ion Ratio Lower Upper

56 100

55 79.8 57.1 85.7



#15

Acrylonitrile

Concen: 0.684 ug/l

RT: 3.075 min Scan# 326

Delta R.T. 0.006 min

Lab File: VX037964.D

Acq: 29 Sep 2023 10:40

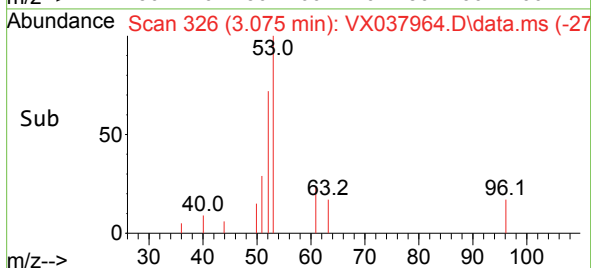
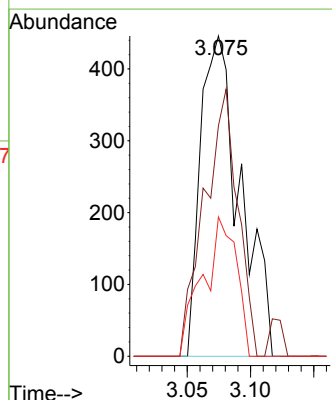
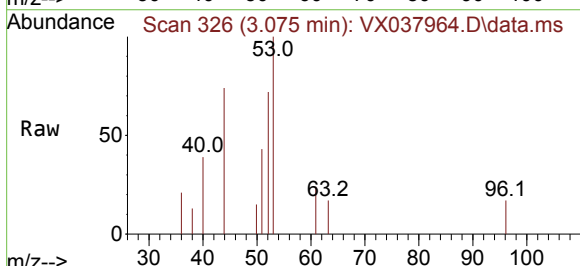
Tgt Ion: 53 Resp: 973

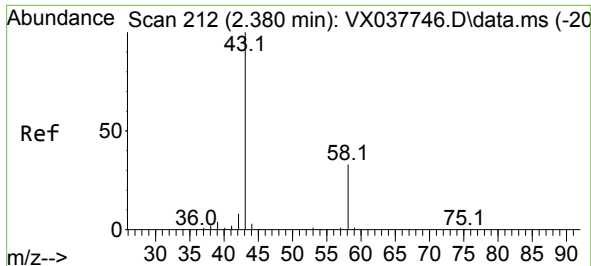
Ion Ratio Lower Upper

53 100

52 70.1 66.0 99.0

51 37.0 29.8 44.6

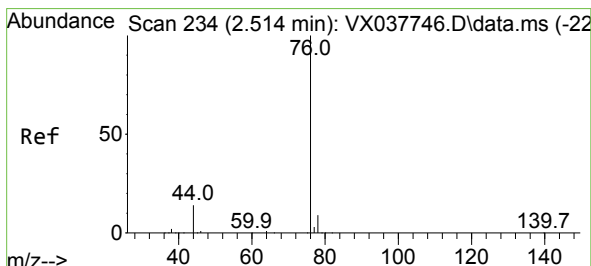
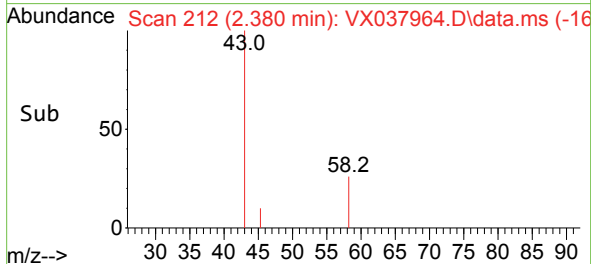
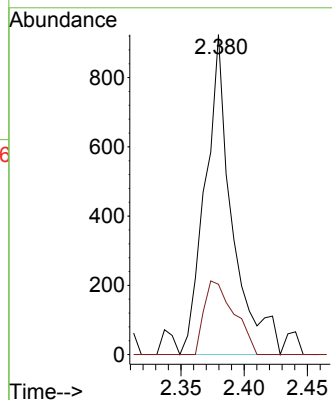
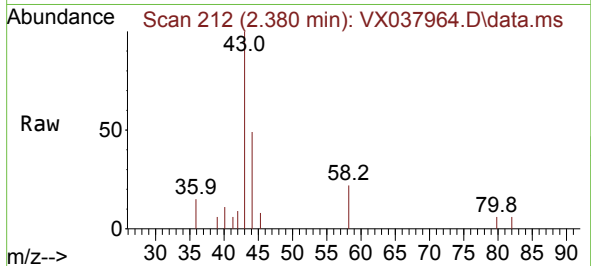




#16
Acetone
Concen: 0.951 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037964.D
Acq: 29 Sep 2023 10:40

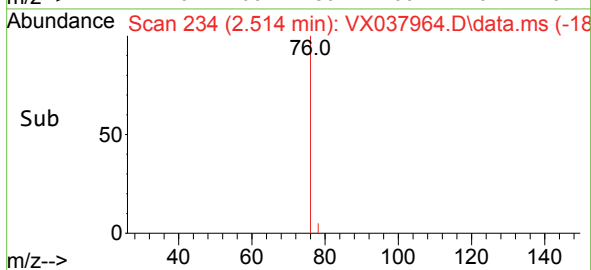
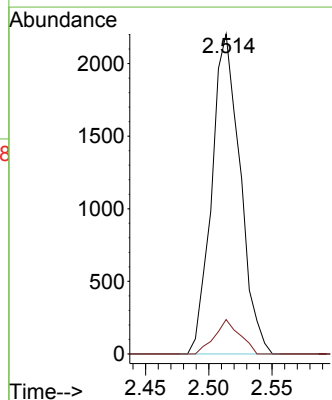
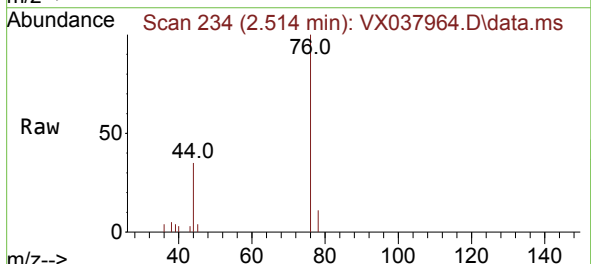
Instrument :
MSVOA_X
ClientSampleId :
VX0929MBL01

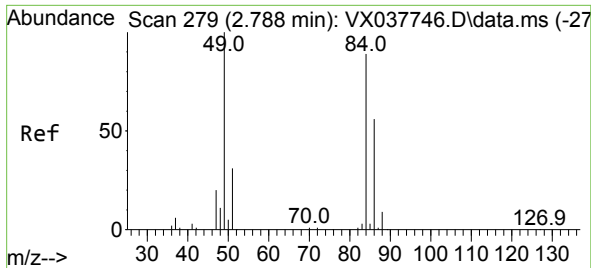
Tgt Ion: 43 Resp: 1364
Ion Ratio Lower Upper
43 100
58 22.0 21.9 32.9



#17
Carbon Disulfide
Concen: 0.620 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX037964.D
Acq: 29 Sep 2023 10:40

Tgt Ion: 76 Resp: 3444
Ion Ratio Lower Upper
76 100
78 10.8 7.0 10.6#

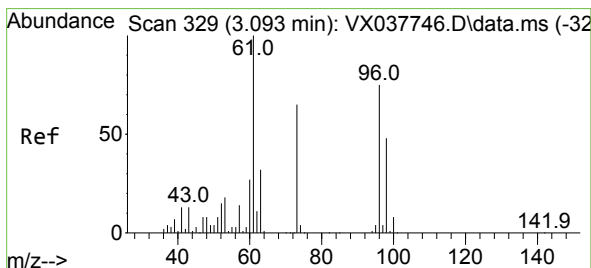
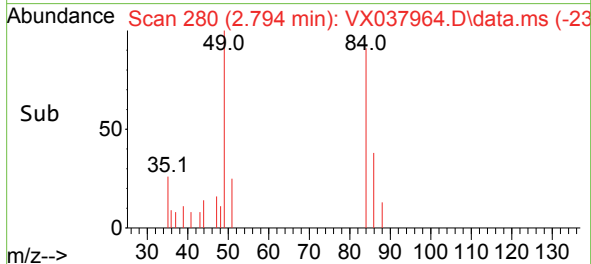
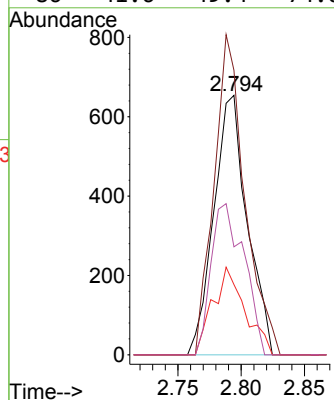
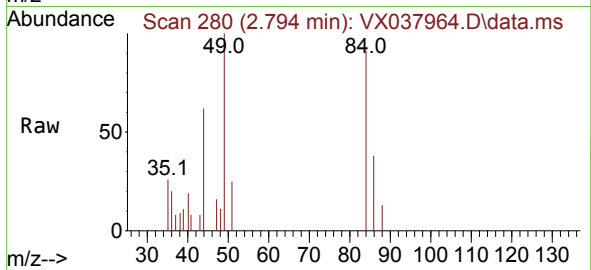




#20
Methylene Chloride
Concen: 0.427 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037964.D
Acq: 29 Sep 2023 10:40

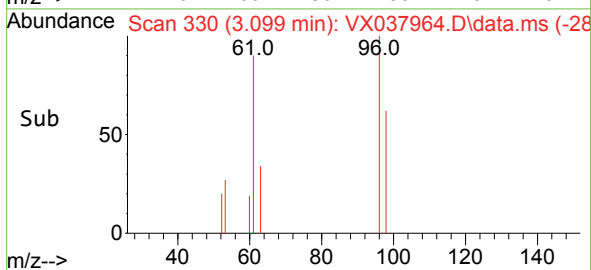
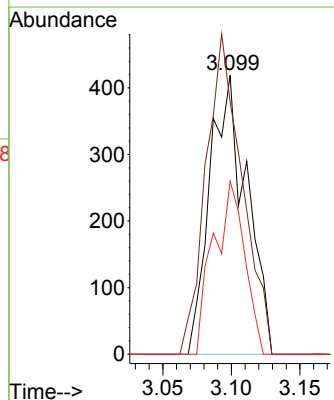
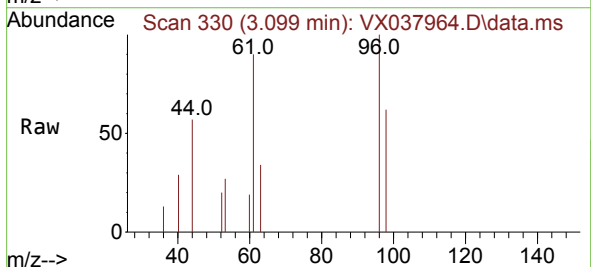
Instrument :
MSVOA_X
ClientSampleId :
VX0929MBL01

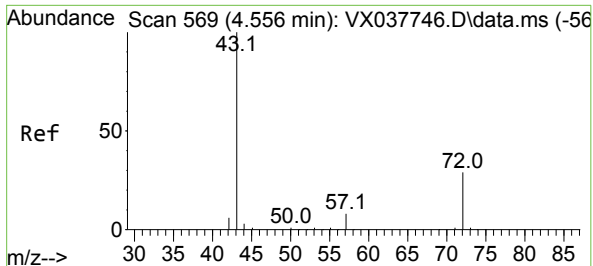
Tgt Ion: 84	Resp: 1200
Ion Ratio	Lower Upper
84 100	
49 109.6	103.6 155.4
51 27.1	33.8 50.6#
86 41.6	49.4 74.0#



#21
trans-1,2-Dichloroethene
Concen: 0.318 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX037964.D
Acq: 29 Sep 2023 10:40

Tgt Ion: 96	Resp:	783	
Ion	Ratio	Lower	Upper
96	100		
61	90.5	119.2	178.8#
98	62.1	48.7	73.1





#25

2-Butanone

Concen: 0.510 ug/l

RT: 4.587 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX037964.D

Acq: 29 Sep 2023 10:40

Instrument :

MSVOA_X

ClientSampleId :

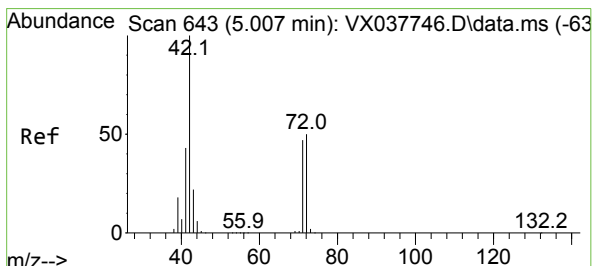
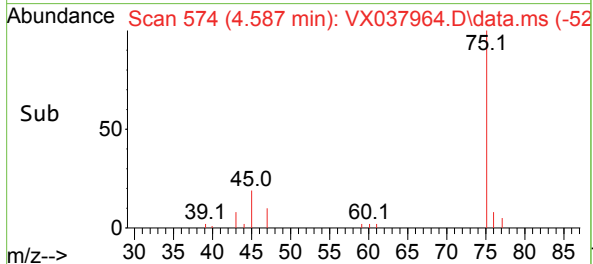
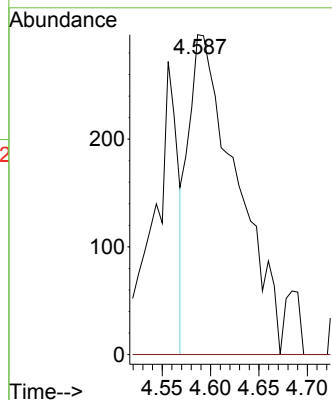
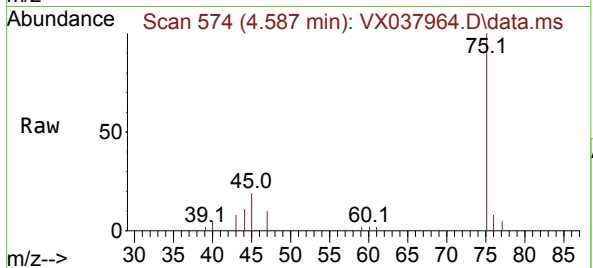
VX0929MBL01

Tgt Ion: 43 Resp: 1033

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



#29

Tetrahydrofuran

Concen: 0.204 ug/l

RT: 5.026 min Scan# 646

Delta R.T. 0.012 min

Lab File: VX037964.D

Acq: 29 Sep 2023 10:40

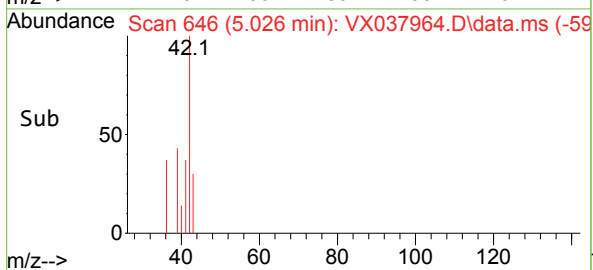
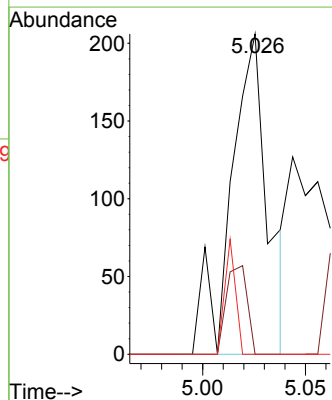
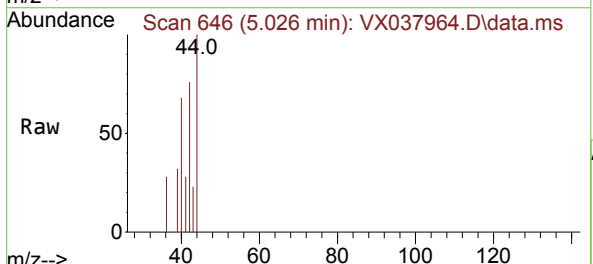
Tgt Ion: 42 Resp: 257

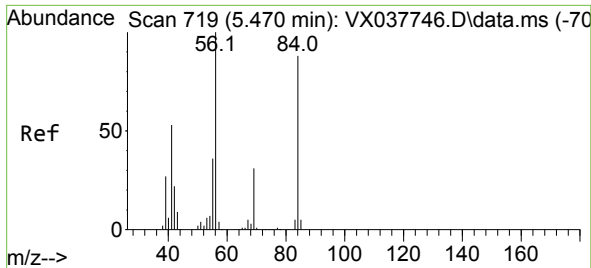
Ion Ratio Lower Upper

42 100

72 15.6 34.2 51.4#

71 10.5 32.2 48.2#

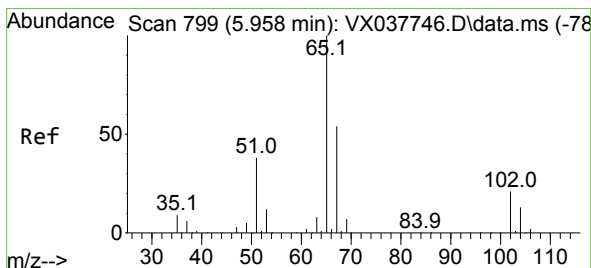
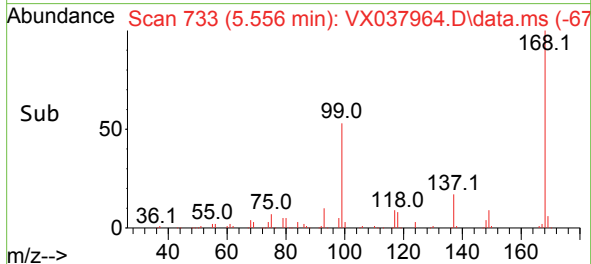
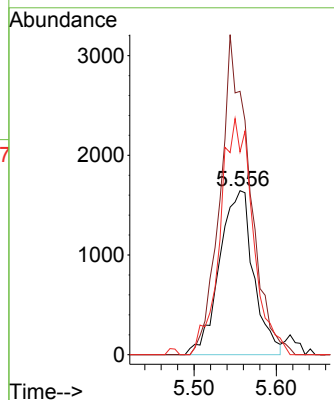
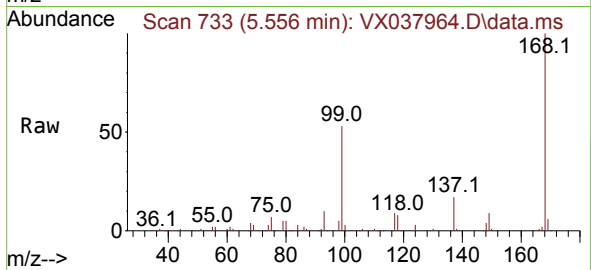




#31
Cyclohexane
Concen: 1.236 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX037964.D
Acq: 29 Sep 2023 10:40

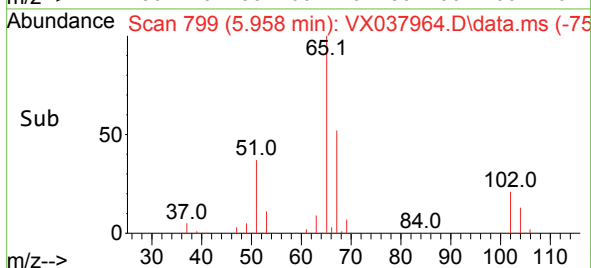
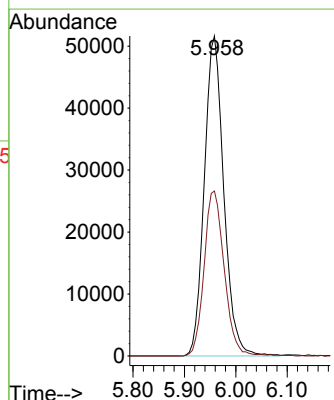
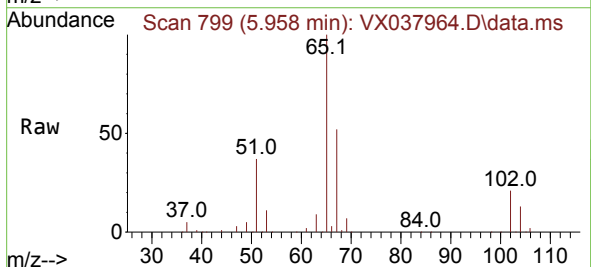
Instrument :
MSVOA_X
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VX0929MBL01

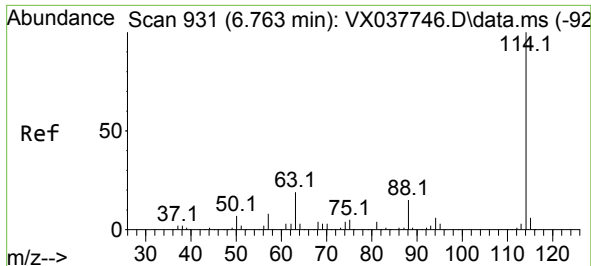
Tgt Ion: 56 Resp: 4732
Ion Ratio Lower Upper
56 100
69 160.6 23.4 35.2#
84 123.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.594 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037964.D
Acq: 29 Sep 2023 10:40

Tgt Ion: 65 Resp: 135977
Ion Ratio Lower Upper
65 100
67 53.2 0.0 100.2

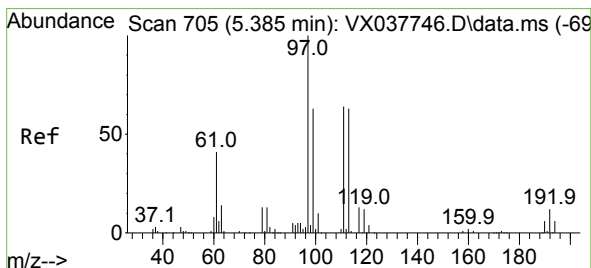
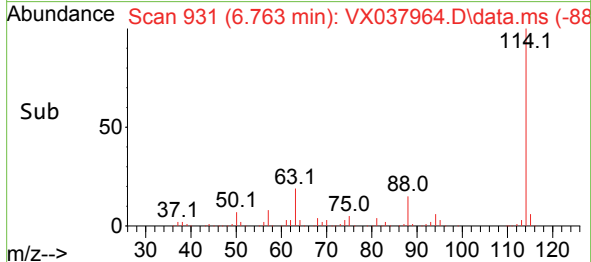
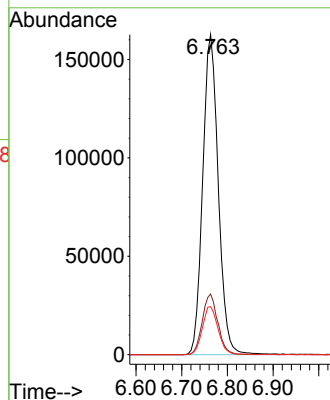
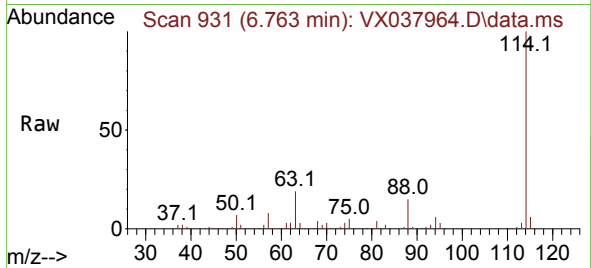




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037964.D
Acq: 29 Sep 2023 10:40

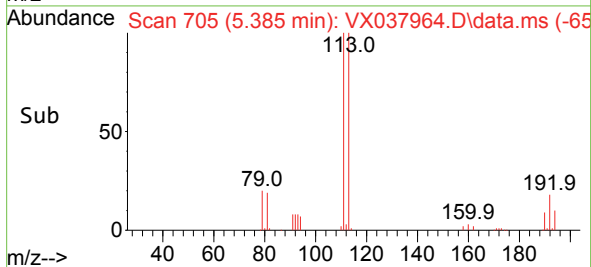
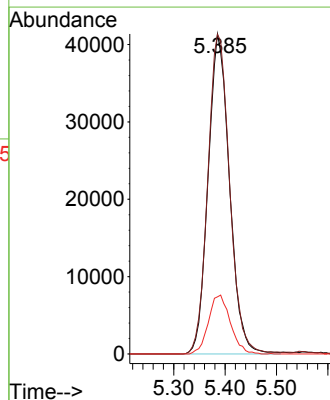
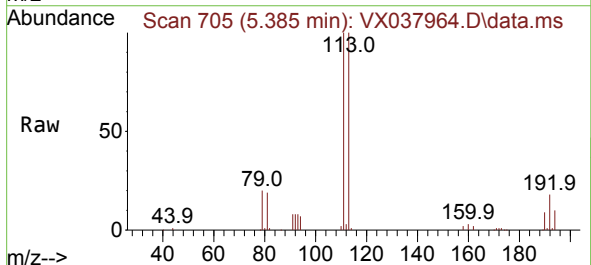
Instrument :
MSVOA_X
ClientSampleId :
VX0929MBL01

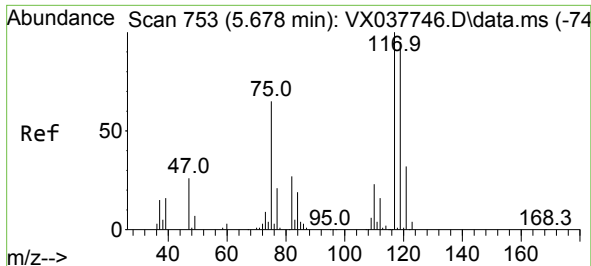
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Ion Ratio Lower Upper
114 100
63 19.0 0.0 45.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.475 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037964.D
Acq: 29 Sep 2023 10:40

Tgt Ion:113 Resp: 119457
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 18.9 13.3 19.9

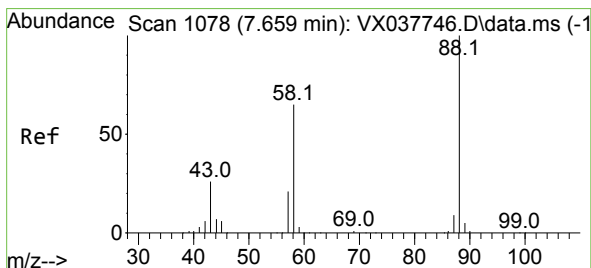
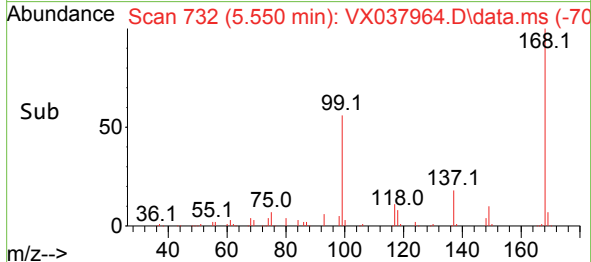
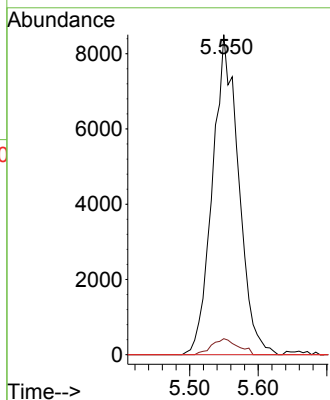
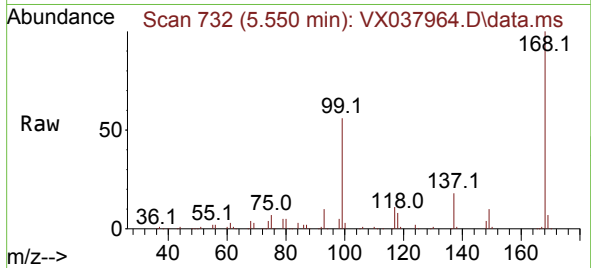




#38
Carbon Tetrachloride
Concen: 6.080 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX037964.D
Acq: 29 Sep 2023 10:40

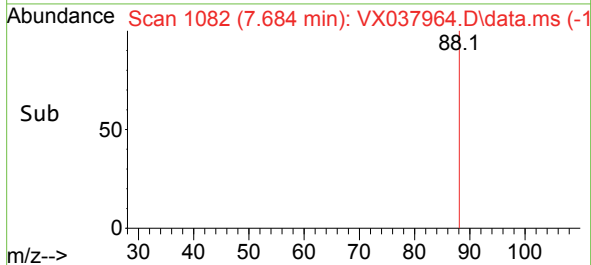
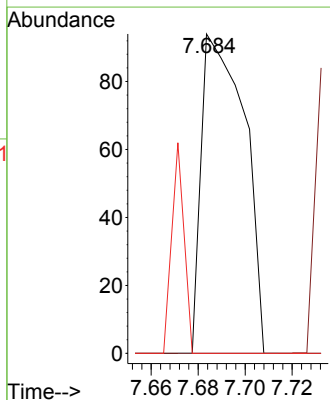
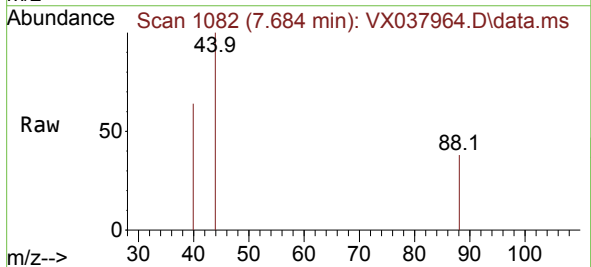
Instrument :
MSVOA_X
ClientSampleId :
VX0929MBL01

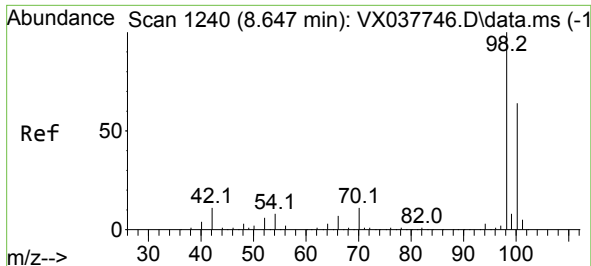
Tgt Ion:117 Resp: 22525
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#



#49
1,4-Dioxane
Concen: 1.526 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.012 min
Lab File: VX037964.D
Acq: 29 Sep 2023 10:40

Tgt Ion: 88 Resp: 119
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 19.3 60.1 90.1#

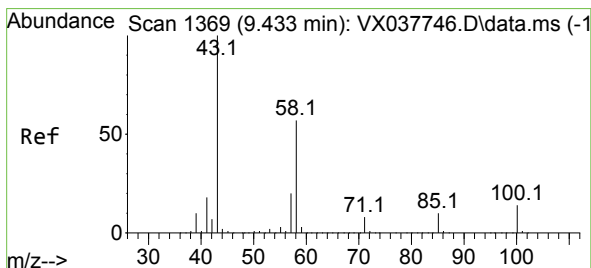
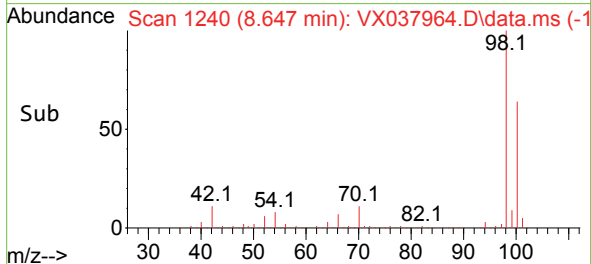
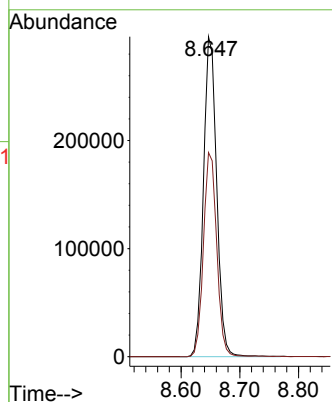
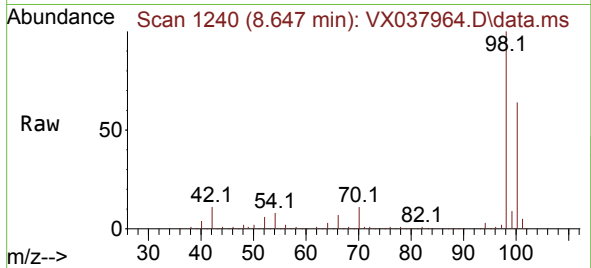




#50
Toluene-d8
Concen: 48.487 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037964.D
Acq: 29 Sep 2023 10:40

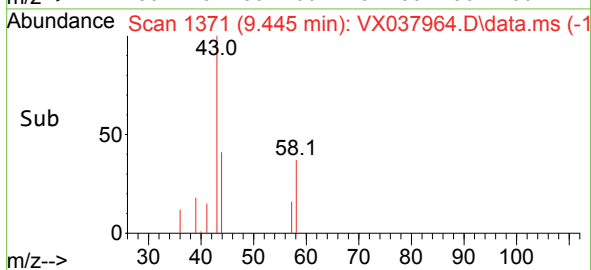
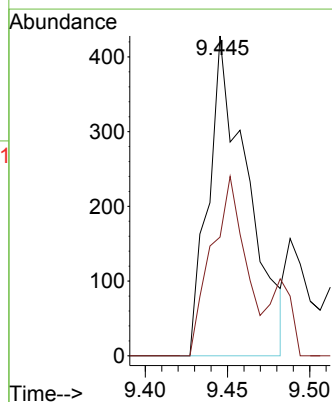
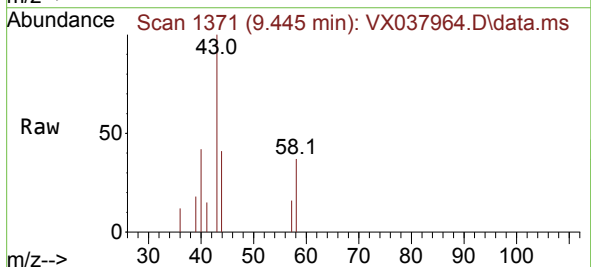
Instrument :
MSVOA_X
ClientSampleId :
VX0929MBL01

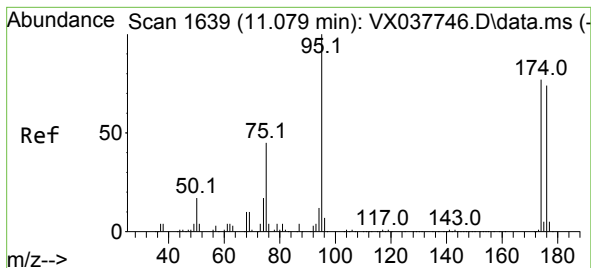
Tgt Ion: 98 Resp: 463078
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#59
2-Hexanone
Concen: 0.231 ug/l
RT: 9.445 min Scan# 1371
Delta R.T. 0.012 min
Lab File: VX037964.D
Acq: 29 Sep 2023 10:40

Tgt Ion: 43 Resp: 709
Ion Ratio Lower Upper
43 100
58 48.7 26.2 78.5

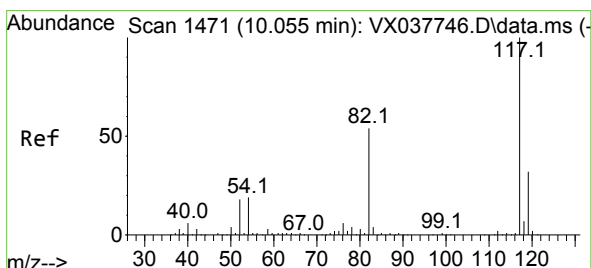
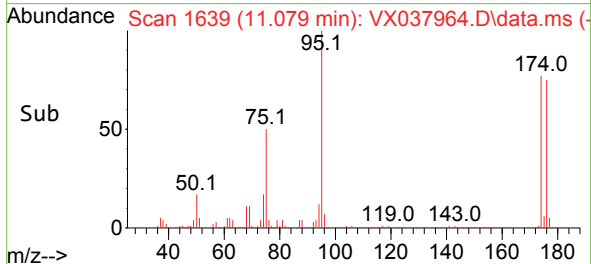
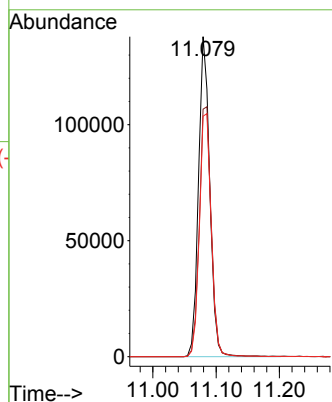
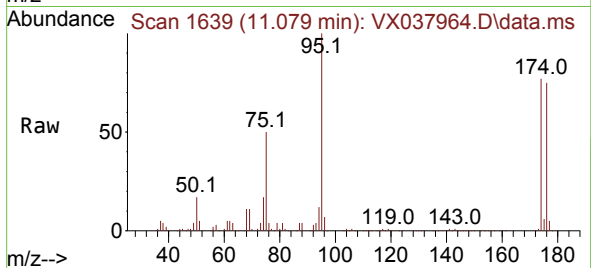




#62
4-Bromofluorobenzene
Concen: 49.243 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037964.D
Acq: 29 Sep 2023 10:40

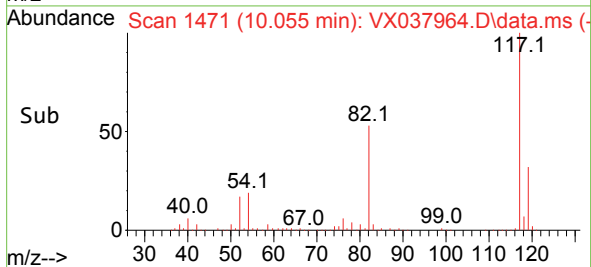
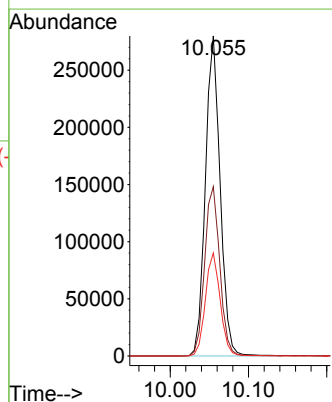
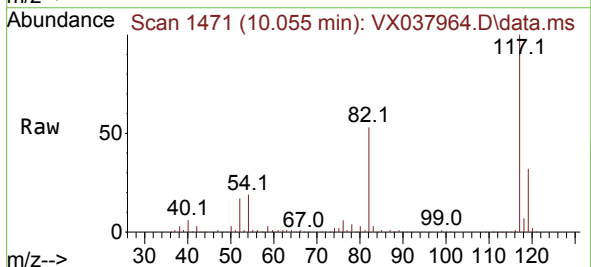
Instrument :
MSVOA_X
ClientSampleId :
VX0929MBL01

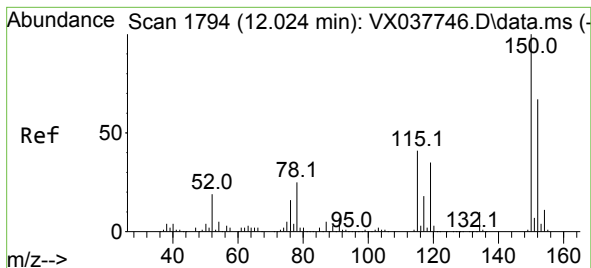
Tgt Ion: 95 Resp: 170896
Ion Ratio Lower Upper
95 100
174 83.0 0.0 135.6
176 80.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037964.D
Acq: 29 Sep 2023 10:40

Tgt Ion: 117 Resp: 365527
Ion Ratio Lower Upper
117 100
82 52.9 46.2 69.4
119 32.2 25.5 38.3

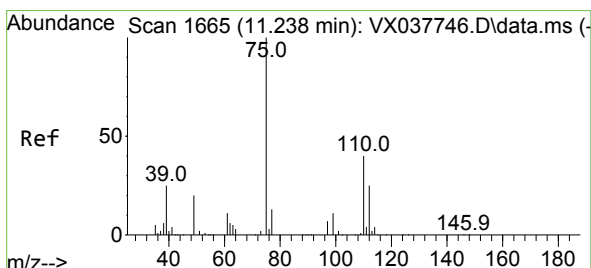
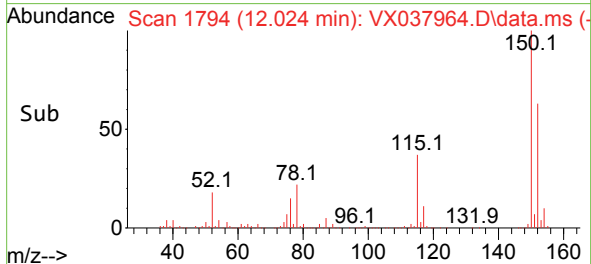
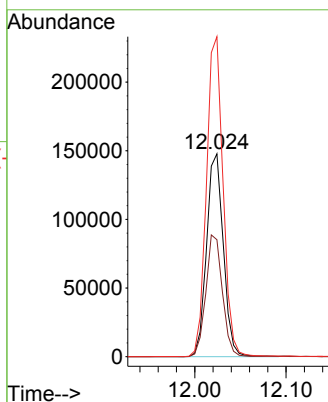
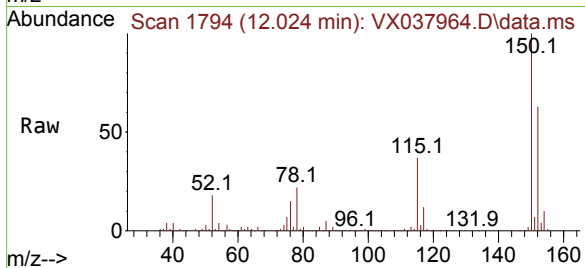




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037964.D
 Acq: 29 Sep 2023 10:40

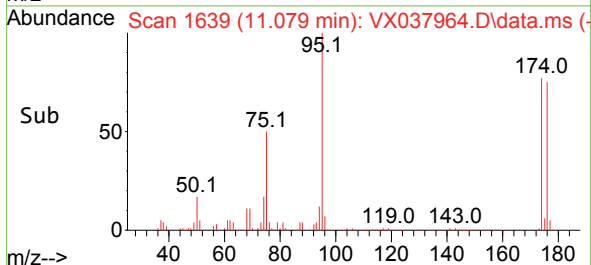
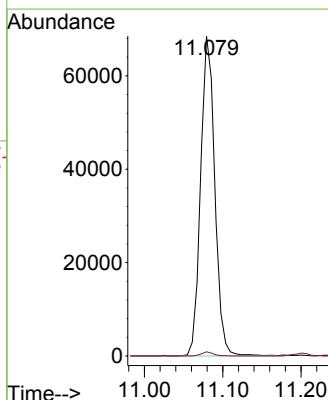
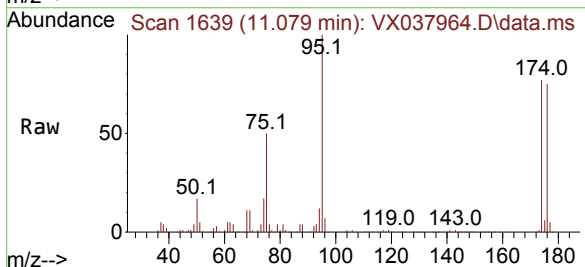
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0929MBL01

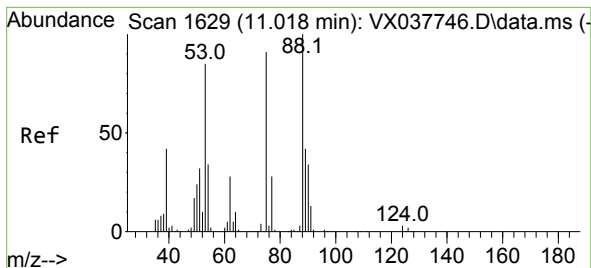
Tgt Ion:152 Resp: 187907
 Ion Ratio Lower Upper
 152 100
 115 59.4 43.3 129.9
 150 156.5 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 19.857 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX037964.D
 Acq: 29 Sep 2023 10:40

Tgt Ion: 75 Resp: 86301
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

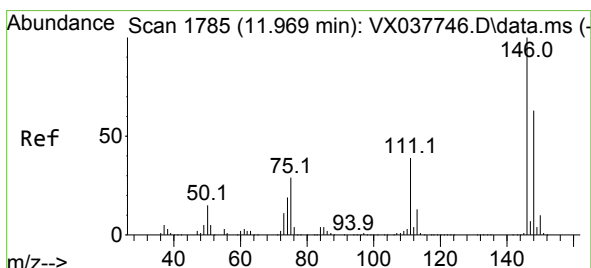
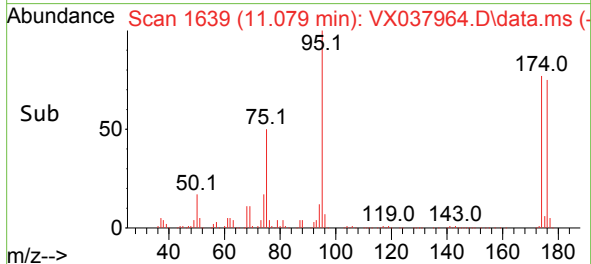
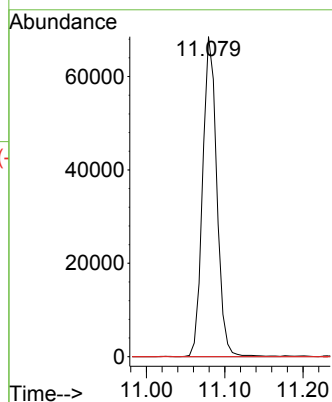
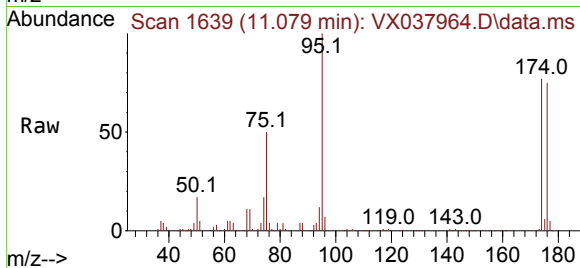




#81
trans-1,4-Dichloro-2-butene
Concen: 63.610 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037964.D
Acq: 29 Sep 2023 10:40

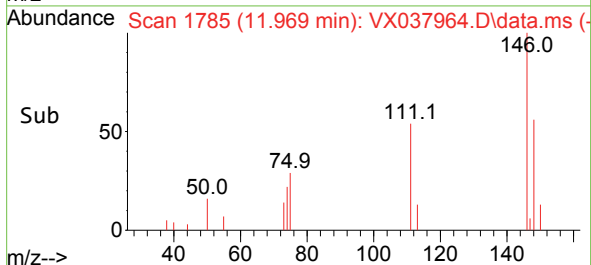
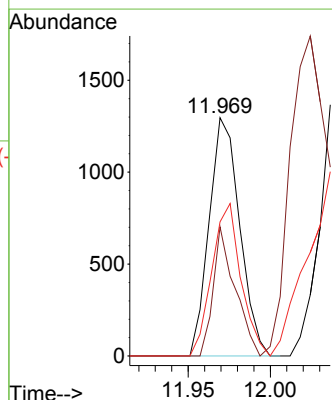
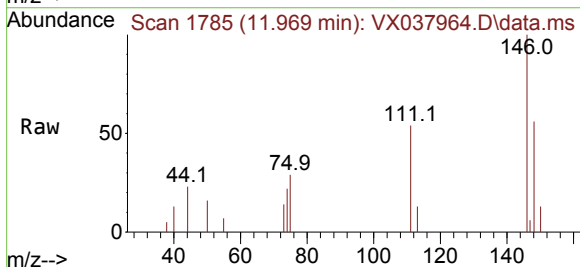
Instrument :
MSVOA_X
ClientSampleId :
VX0929MBL01

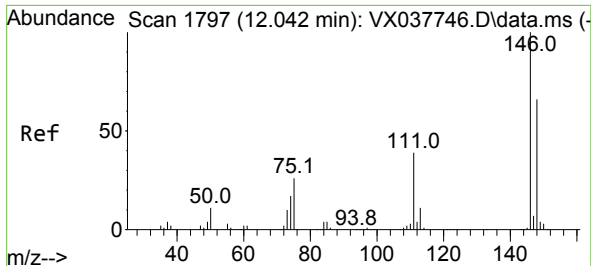
Tgt Ion: 75 Resp: 86301
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#87
1,3-Dichlorobenzene
Concen: 0.263 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX037964.D
Acq: 29 Sep 2023 10:40

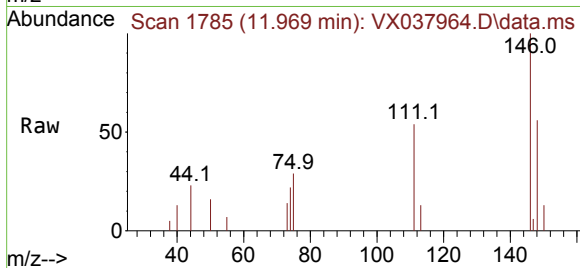
Tgt Ion:146 Resp: 1674
Ion Ratio Lower Upper
146 100
111 38.7 22.1 66.1
148 60.9 31.8 95.3



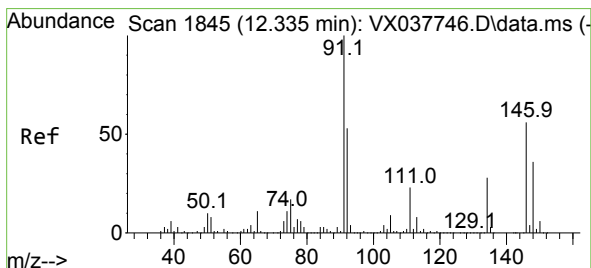
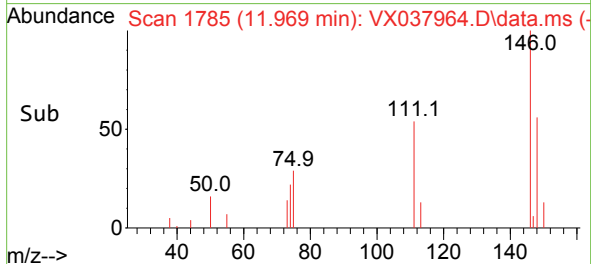
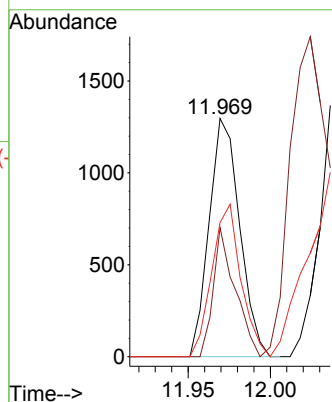


#88
1,4-Dichlorobenzene
Concen: 0.257 ug/l
RT: 11.969 min Scan# 1797
Delta R.T. -0.073 min
Lab File: VX037964.D
Acq: 29 Sep 2023 10:40

Instrument :
MSVOA_X
ClientSampleId :
VX0929MBL01

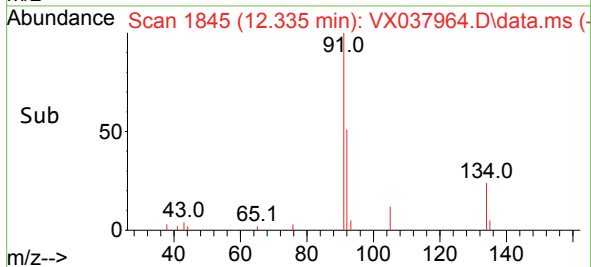
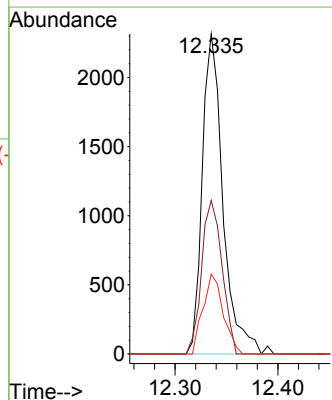
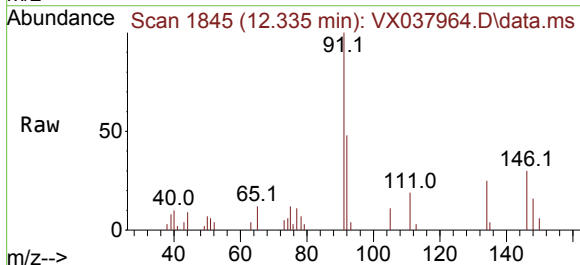


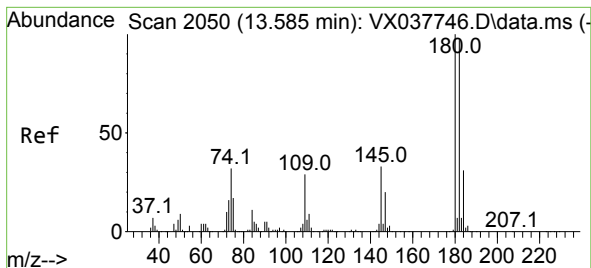
Tgt Ion:146 Resp: 1674
Ion Ratio Lower Upper
146 100
111 38.7 21.3 63.7
148 60.9 31.8 95.4



#89
n-Butylbenzene
Concen: 0.312 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037964.D
Acq: 29 Sep 2023 10:40

Tgt Ion: 91 Resp: 3246
Ion Ratio Lower Upper
91 100
92 47.3 27.4 82.0
134 24.4 12.6 37.8





#93

1,2,4-Trichlorobenzene

Concen: 0.728 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX037964.D

Acq: 29 Sep 2023 10:40

Instrument :

MSVOA_X

ClientSampleId :

VX0929MBL01

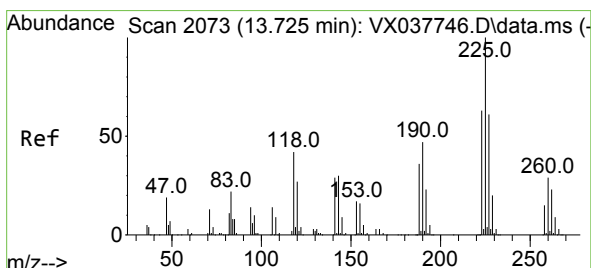
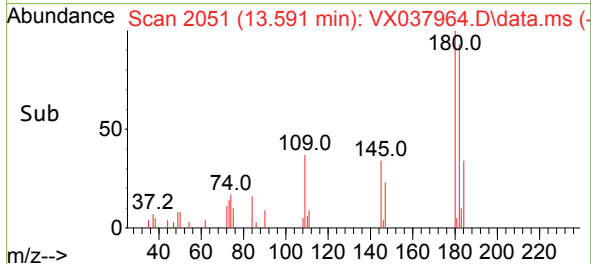
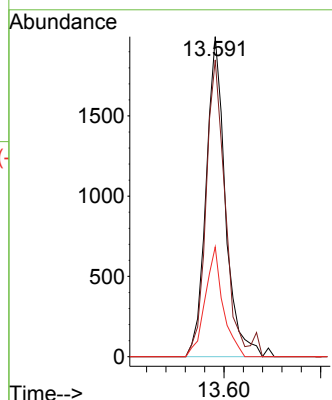
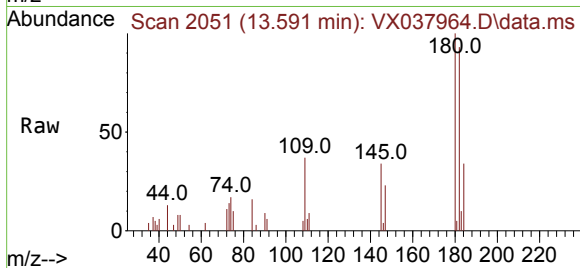
Tgt Ion:180 Resp: 2784

Ion Ratio Lower Upper

180 100

182 92.7 48.3 144.8

145 31.6 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.804 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX037964.D

Acq: 29 Sep 2023 10:40

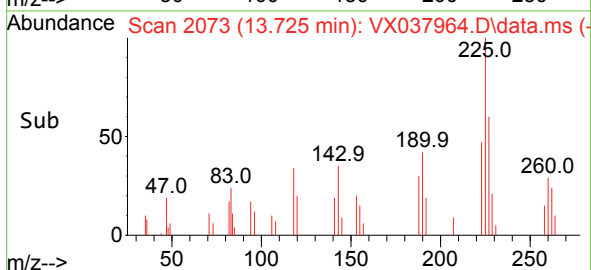
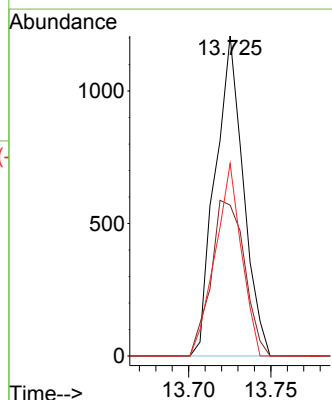
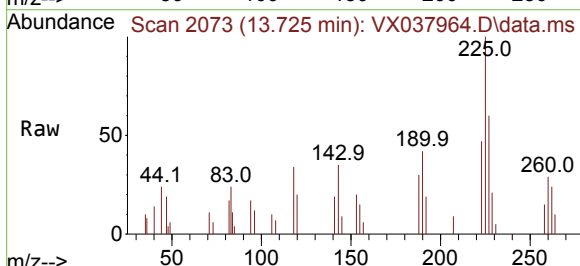
Tgt Ion:225 Resp: 1437

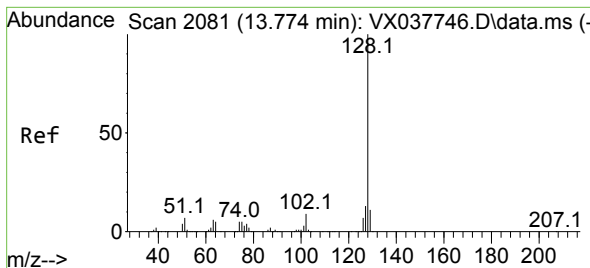
Ion Ratio Lower Upper

225 100

223 57.8 31.1 93.2

227 56.3 32.5 97.5





#95

Naphthalene

Concen: 0.671 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX037964.D

Acq: 29 Sep 2023 10:40

Instrument :

MSVOA_X

ClientSampleId :

VX0929MBL01

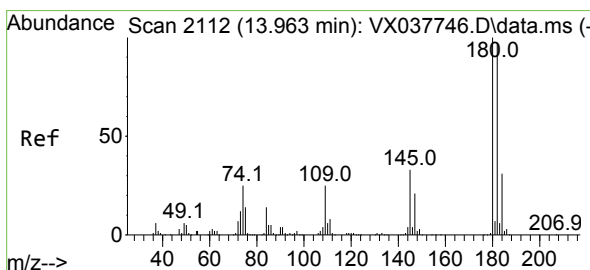
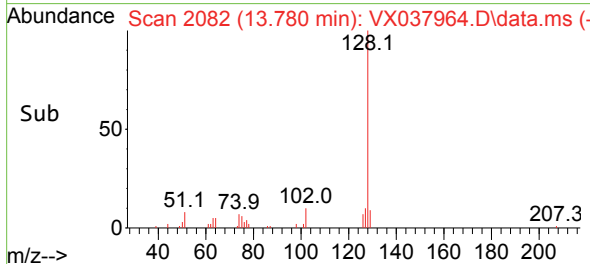
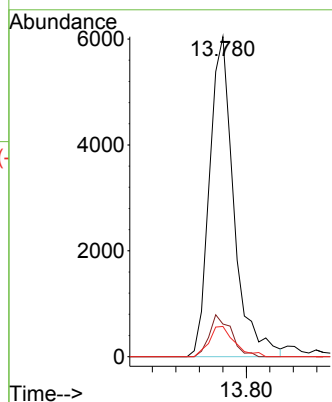
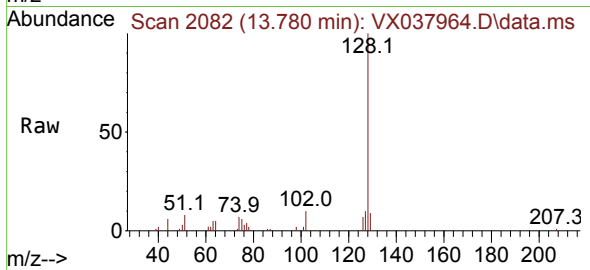
Tgt Ion:128 Resp: 8675

Ion Ratio Lower Upper

128 100

127 11.8 10.3 15.5

129 9.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.726 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX037964.D

Acq: 29 Sep 2023 10:40

Tgt Ion:180 Resp: 2857

Ion Ratio Lower Upper

180 100

182 90.9 46.9 140.6

145 31.2 17.8 53.5

