

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112123\
 Data File : VX038975.D
 Acq On : 21 Nov 2023 11:34
 Operator : JC/MD
 Sample : VX1121MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121MBL01

Quant Time: Nov 22 03:16:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

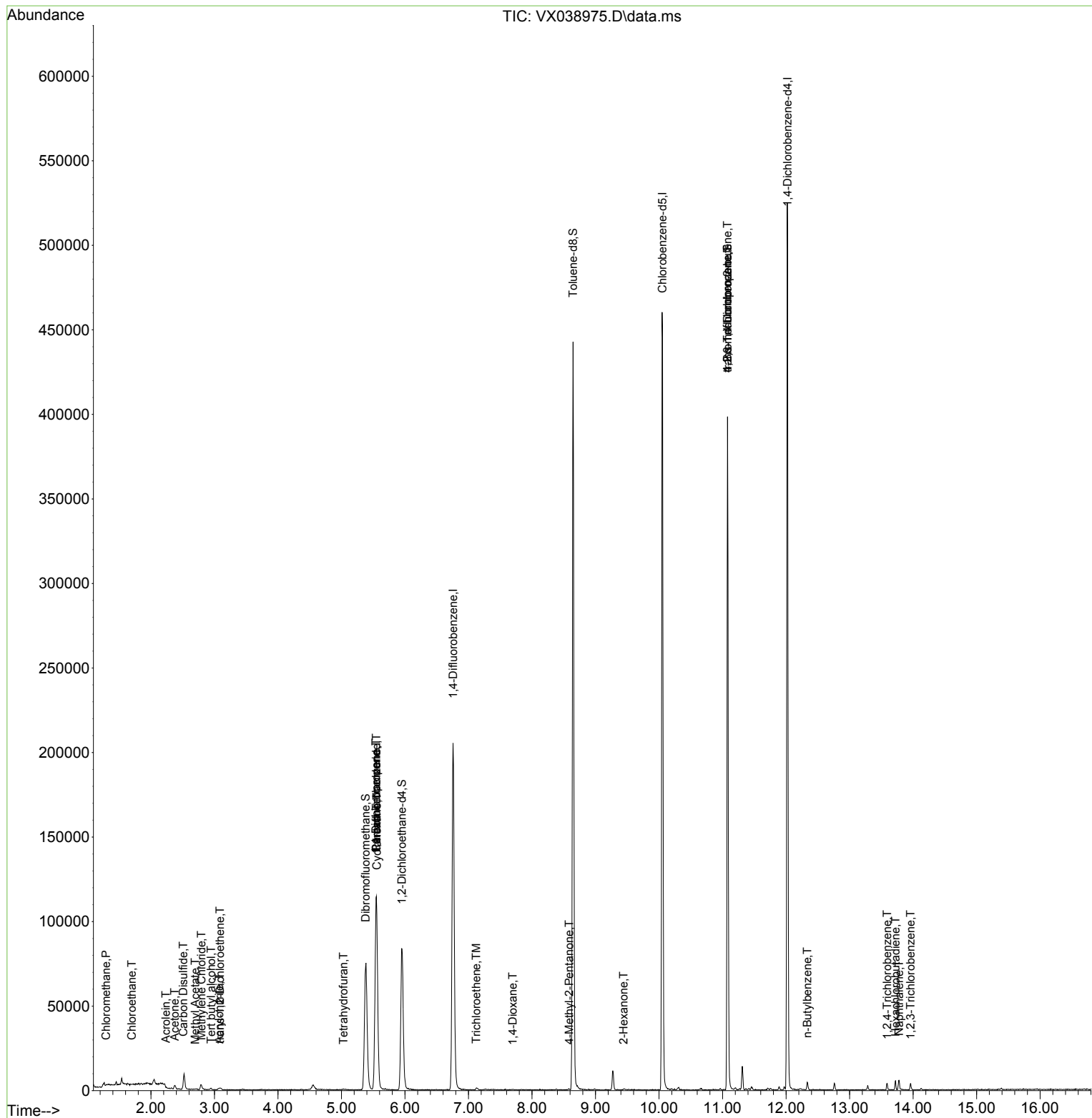
Internal Standards						
1) Pentafluorobenzene	5.550	168	103706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	205424	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79797	47.752	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.500%		
35) Dibromofluoromethane	5.379	113	66495	44.819	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.640%		
50) Toluene-d8	8.647	98	258934	45.616	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.240%#		
62) 4-Bromofluorobenzene	11.079	95	109853	48.344	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.680%		
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	463	0.293	ug/l #	60
6) Chloroethane	1.697	64	461	0.531	ug/l #	43
11) Tert butyl alcohol	2.946	59	500	1.076	ug/l #	78
13) Acrolein	2.233	56	353	1.436	ug/l #	14
15) Acrylonitrile	3.075	53	891	0.907	ug/l	93
16) Acetone	2.373	43	2486	2.795	ug/l	95
17) Carbon Disulfide	2.508	76	2420	0.604	ug/l #	92
18) Methyl Acetate	2.697	43	980	0.232	ug/l #	53
20) Methylene Chloride	2.794	84	1466	0.914	ug/l #	82
21) trans-1,2-Dichloroethene	3.087	96	300	0.210	ug/l #	64
29) Tetrahydrofuran	5.032	42	348	0.380	ug/l #	34
31) Cyclohexane	5.556	56	2737	1.147	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	9447	4.443	ug/l #	51
38) Carbon Tetrachloride	5.550	117	11521	5.862	ug/l #	16
44) Trichloroethene	7.123	130	492	0.321	ug/l	78
49) 1,4-Dioxane	7.696	88	22	0.529	ug/l #	12
51) 4-Methyl-2-Pentanone	8.586	43	580	0.205	ug/l #	66
59) 2-Hexanone	9.439	43	630	0.278	ug/l	82
76) 1,2,3-Trichloropropane	11.079	75	57778	22.563	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	57778	50.048	ug/l #	5
89) n-Butylbenzene	12.335	91	1833	0.261	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	1133	0.507	ug/l	92
94) Hexachlorobutadiene	13.725	225	683	0.862	ug/l	91
95) Naphthalene	13.780	128	4670	0.561	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	934	0.441	ug/l	97

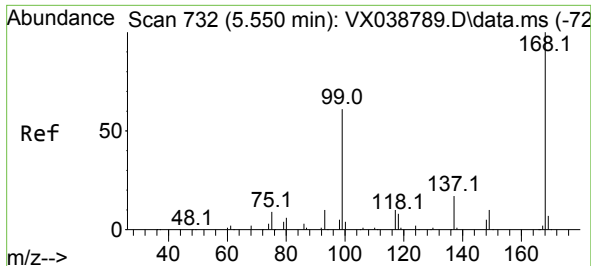
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112123\
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Instrument :
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Quant Time: Nov 22 03:16:06 2023
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Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration

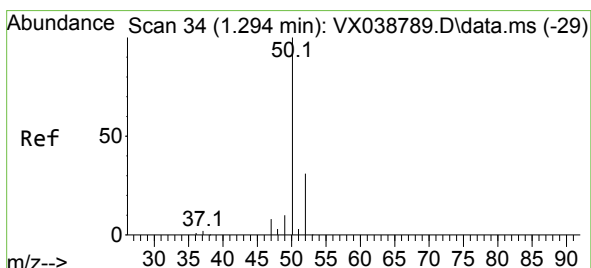
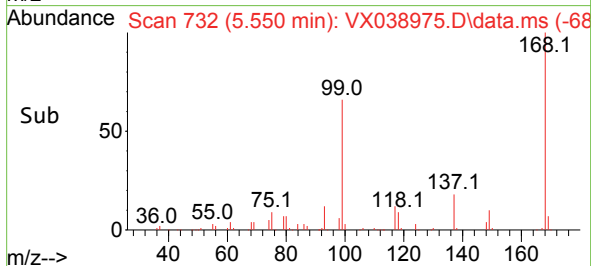
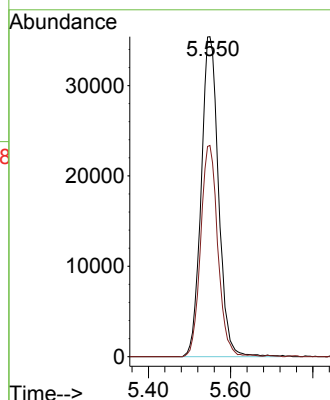
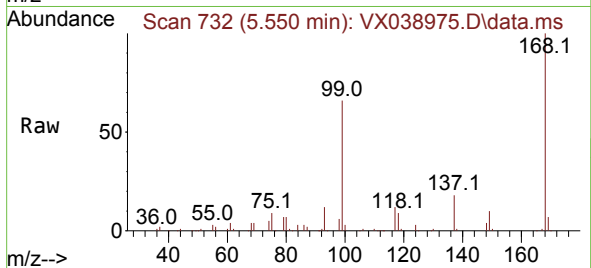




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038975.D
Acq: 21 Nov 2023 11:34

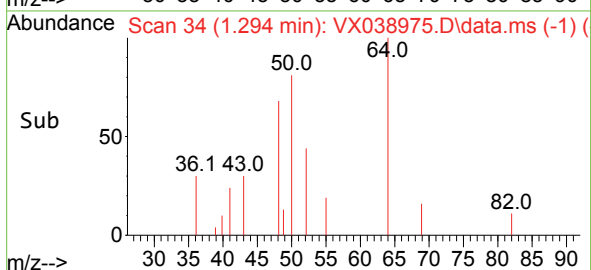
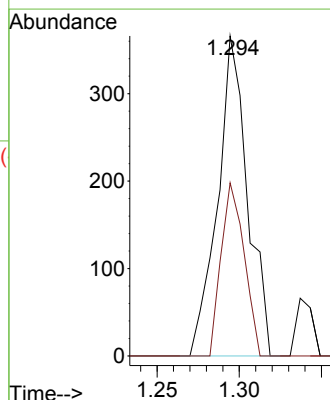
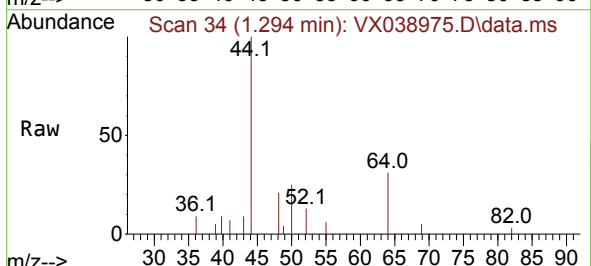
Instrument :
MSVOA_X
ClientSampleId :
VX1121MBL01

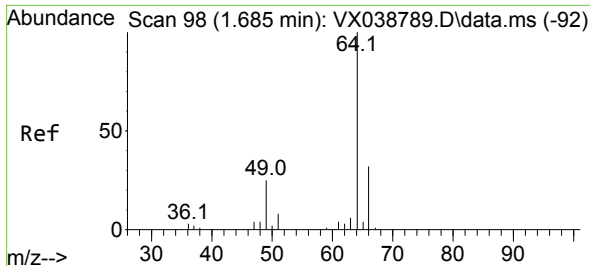
Tgt Ion:168 Resp: 103706
Ion Ratio Lower Upper
168 100
99 66.0 56.6 85.0



#3
Chloromethane
Concen: 0.293 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX038975.D
Acq: 21 Nov 2023 11:34

Tgt Ion: 50 Resp: 463
Ion Ratio Lower Upper
50 100
52 54.1 25.5 38.3#

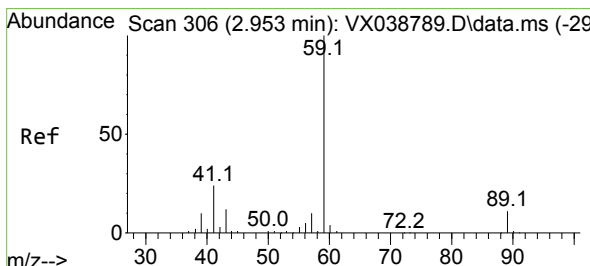
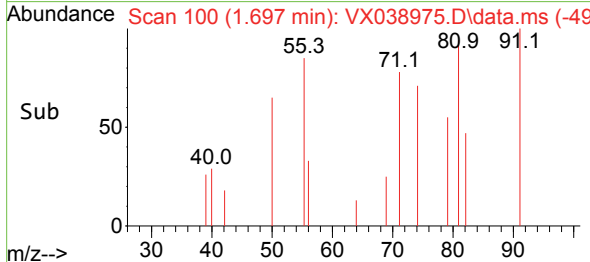
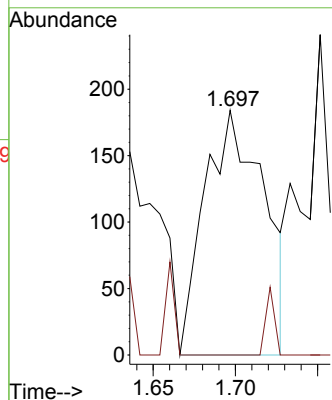
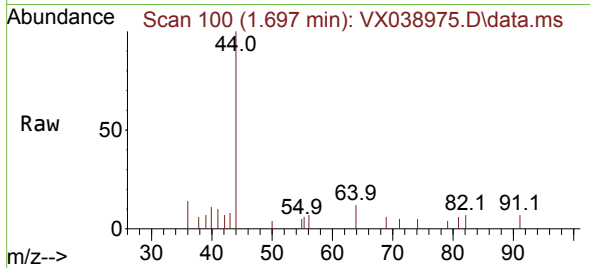




#6
Chloroethane
Concen: 0.531 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX038975.D
Acq: 21 Nov 2023 11:34

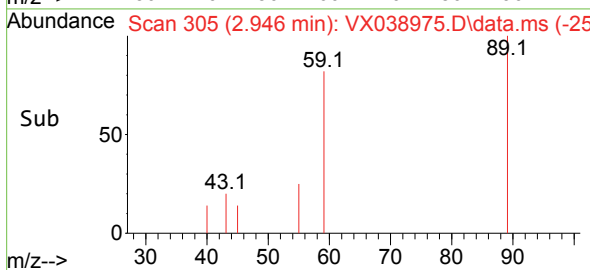
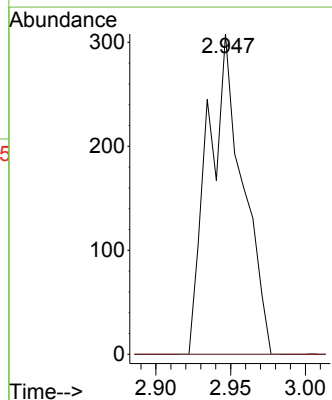
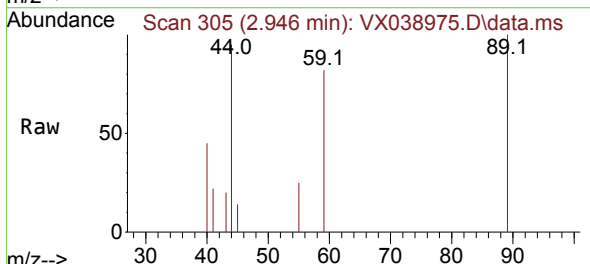
Instrument :
MSVOA_X
ClientSampleId :
VX1121MBL01

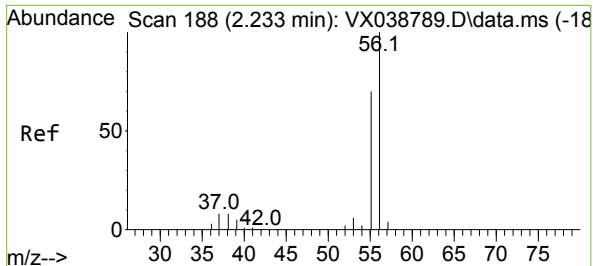
Tgt Ion: 64 Resp: 461
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 1.076 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX038975.D
Acq: 21 Nov 2023 11:34

Tgt Ion: 59 Resp: 500
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 1.436 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038975.D

Acq: 21 Nov 2023 11:34

Instrument :

MSVOA_X

ClientSampleId :

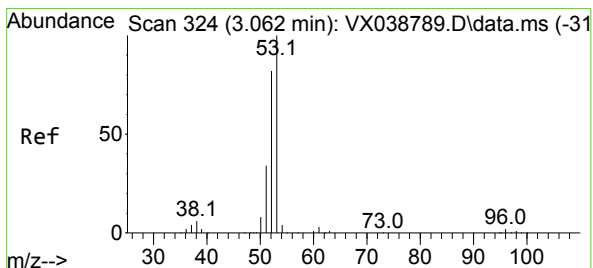
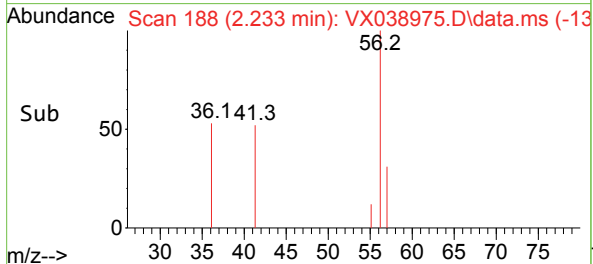
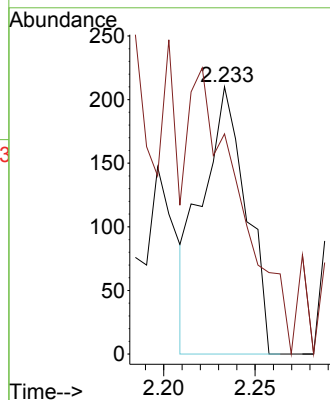
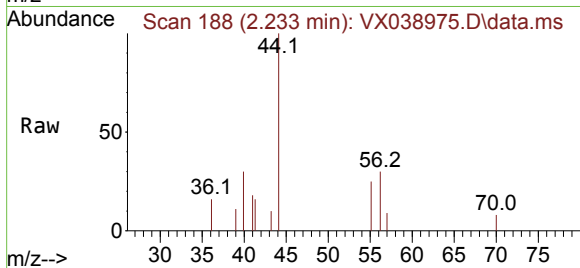
VX1121MBL01

Tgt Ion: 56 Resp: 353

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#



#15

Acrylonitrile

Concen: 0.907 ug/l

RT: 3.075 min Scan# 326

Delta R.T. 0.012 min

Lab File: VX038975.D

Acq: 21 Nov 2023 11:34

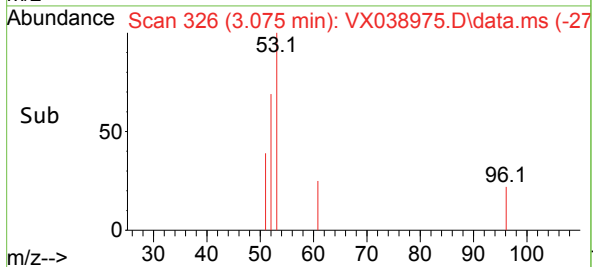
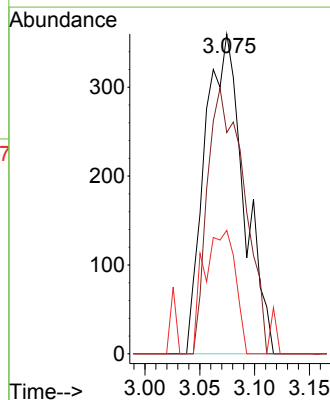
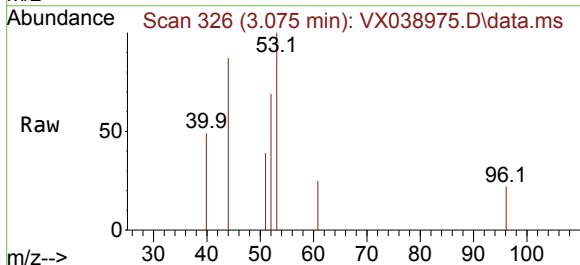
Tgt Ion: 53 Resp: 891

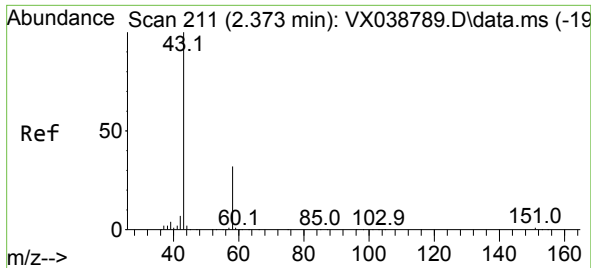
Ion Ratio Lower Upper

53 100

52 78.2 66.0 99.0

51 31.0 29.8 44.6

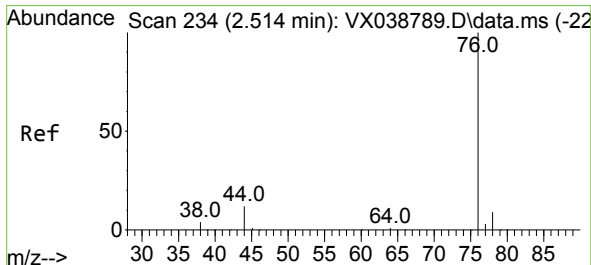
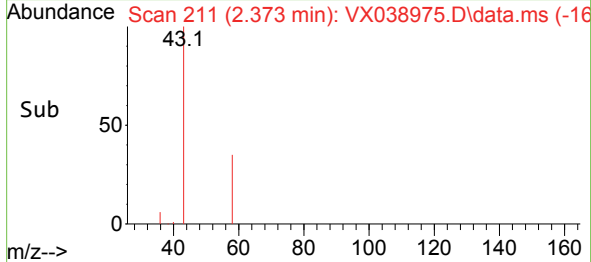
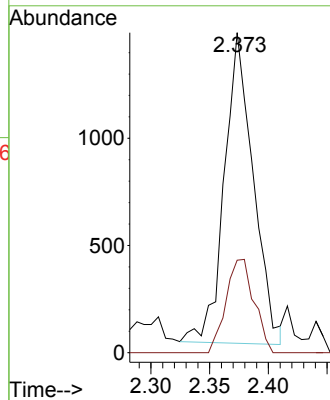
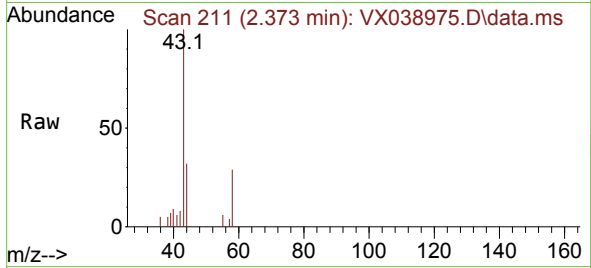




#16
Acetone
Concen: 2.795 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX038975.D
Acq: 21 Nov 2023 11:34

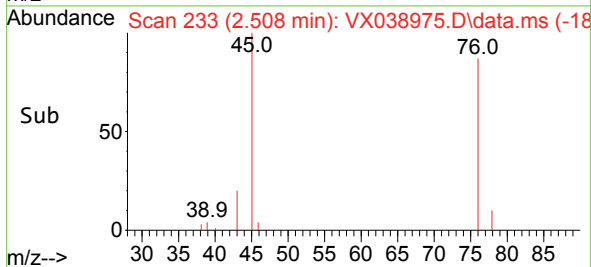
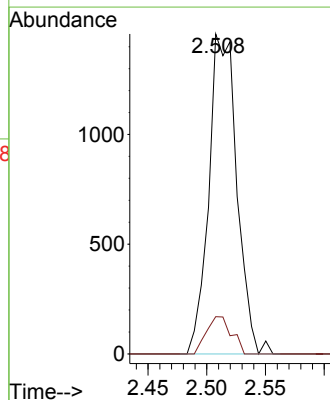
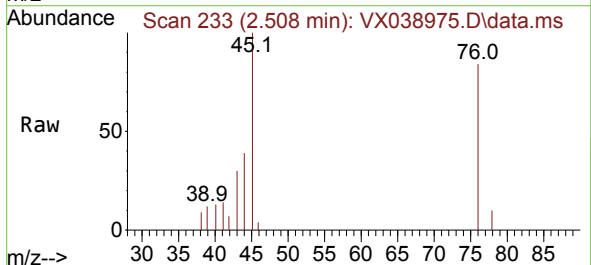
Instrument :
MSVOA_X
ClientSampleId :
VX1121MBL01

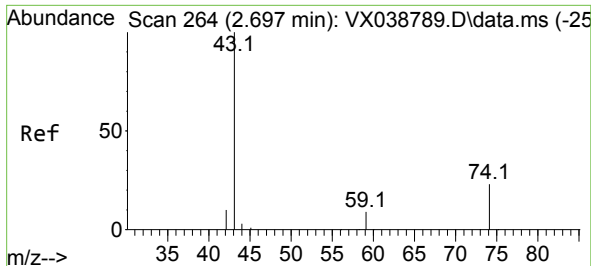
Tgt Ion: 43 Resp: 2486
Ion Ratio Lower Upper
43 100
58 29.9 21.9 32.9



#17
Carbon Disulfide
Concen: 0.604 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX038975.D
Acq: 21 Nov 2023 11:34

Tgt Ion: 76 Resp: 2420
Ion Ratio Lower Upper
76 100
78 11.7 7.0 10.6#

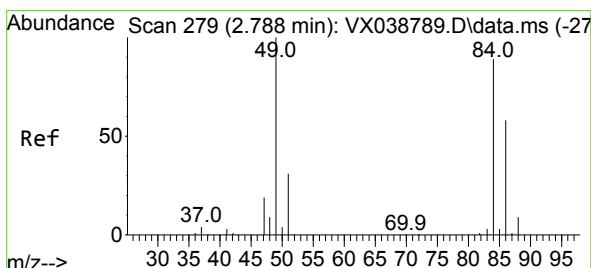
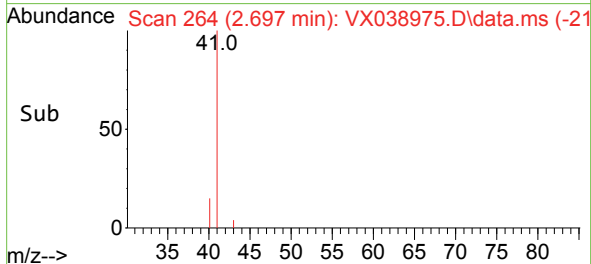
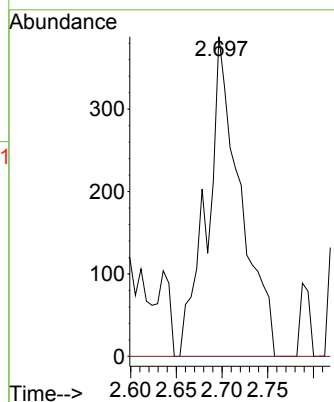
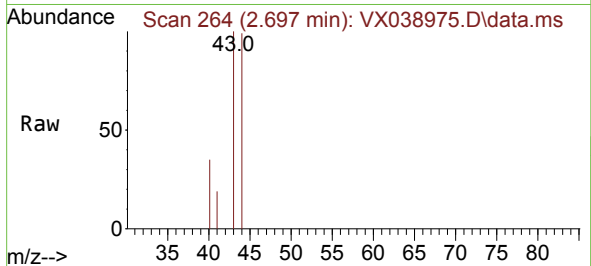




#18
Methyl Acetate
Concen: 0.232 ug/l
RT: 2.697 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038975.D
Acq: 21 Nov 2023 11:34

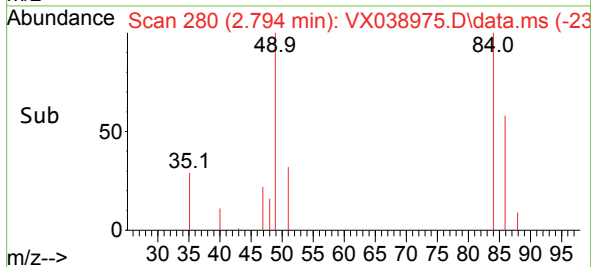
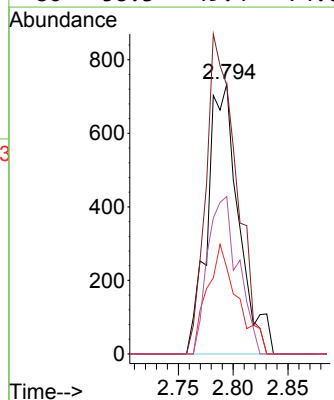
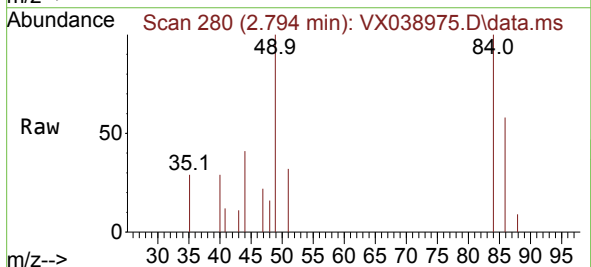
Instrument :
MSVOA_X
ClientSampleId :
VX1121MBL01

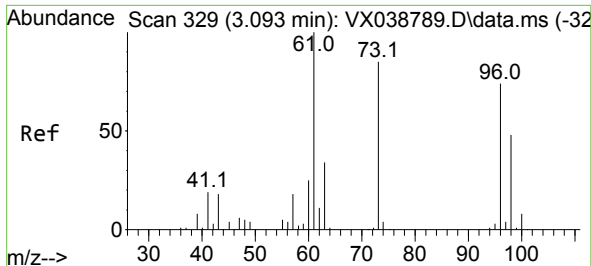
Tgt Ion: 43 Resp: 980
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#20
Methylene Chloride
Concen: 0.914 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038975.D
Acq: 21 Nov 2023 11:34

Tgt Ion: 84 Resp: 1466
Ion Ratio Lower Upper
84 100
49 99.6 103.6 155.4#
51 31.9 33.8 50.6#
86 58.3 49.4 74.0

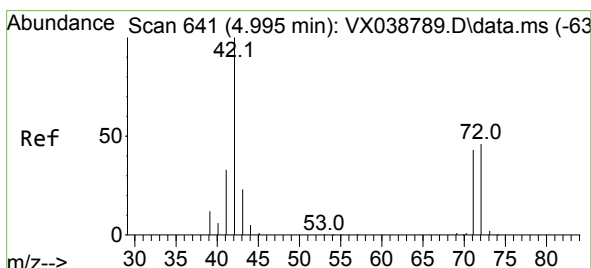
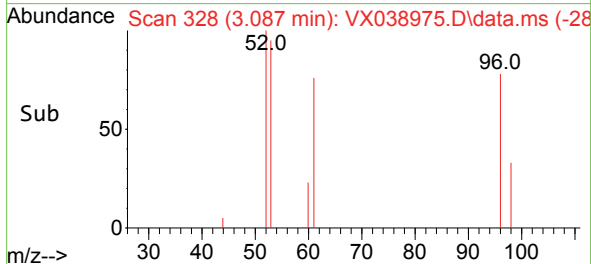
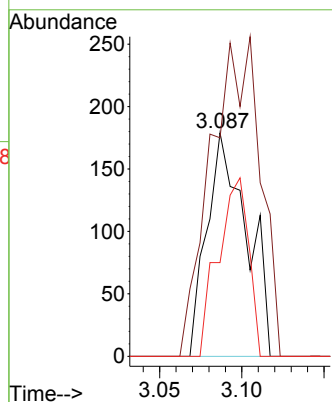
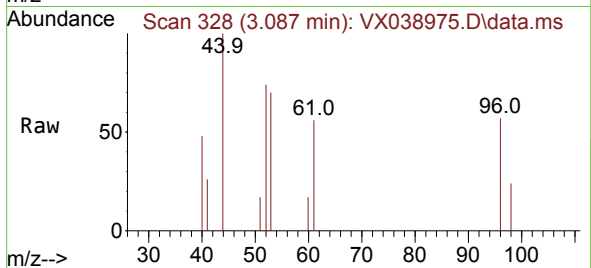




#21
trans-1,2-Dichloroethene
Concen: 0.210 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038975.D
Acq: 21 Nov 2023 11:34

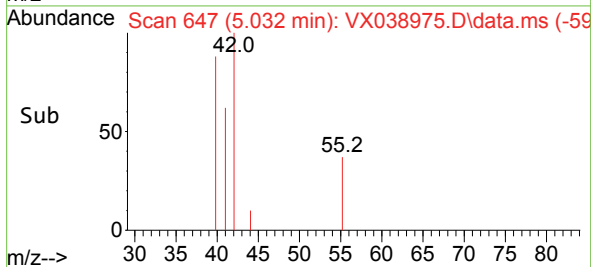
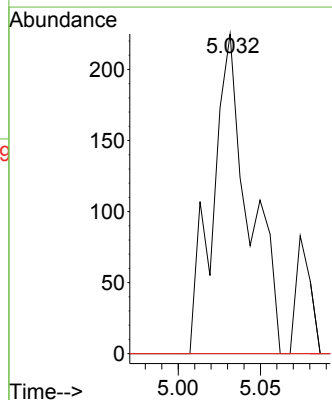
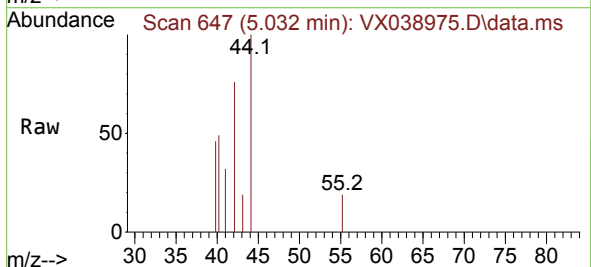
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MSVOA_X
ClientSampleId :
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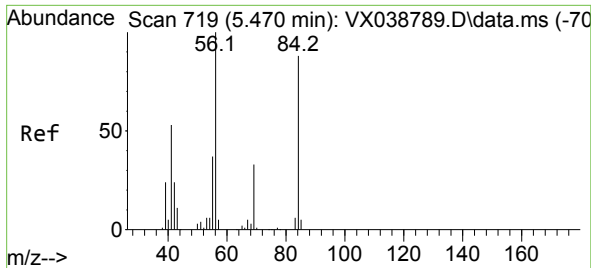
Tgt Ion: 96 Resp: 300
Ion Ratio Lower Upper
96 100
61 97.8 119.2 178.8#
98 41.9 48.7 73.1#



#29
Tetrahydrofuran
Concen: 0.380 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.037 min
Lab File: VX038975.D
Acq: 21 Nov 2023 11:34

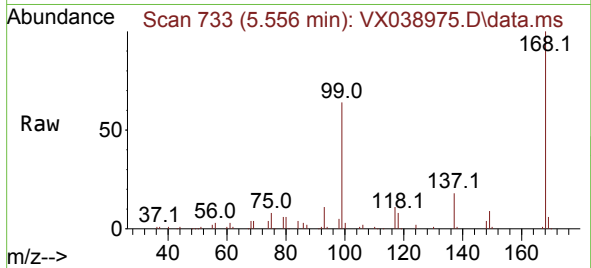
Tgt Ion: 42 Resp: 348
Ion Ratio Lower Upper
42 100
72 0.0 34.2 51.4#
71 0.0 32.2 48.2#



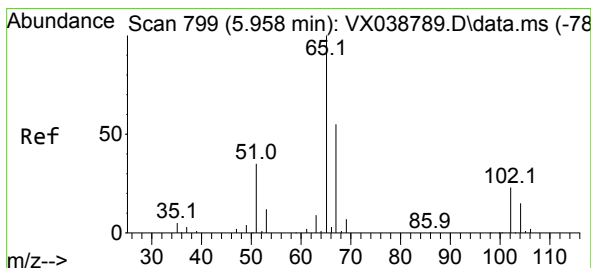
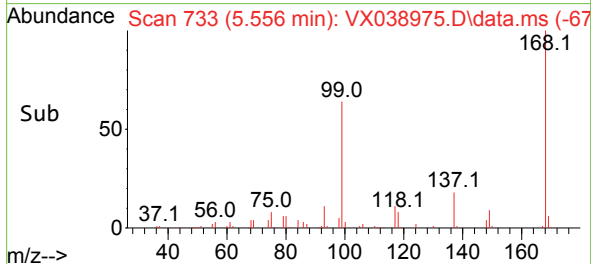
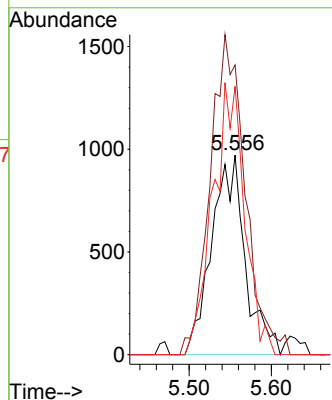


#31
Cyclohexane
Concen: 1.147 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX038975.D
Acq: 21 Nov 2023 11:34

Instrument :
MSVOA_X
ClientSampleId :
VX1121MBL01

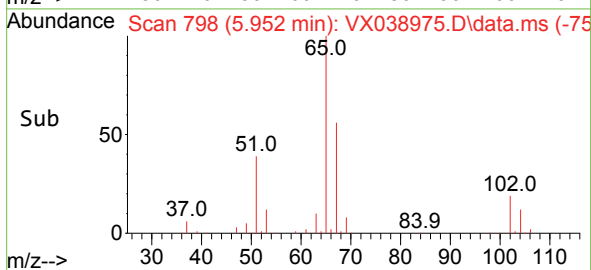
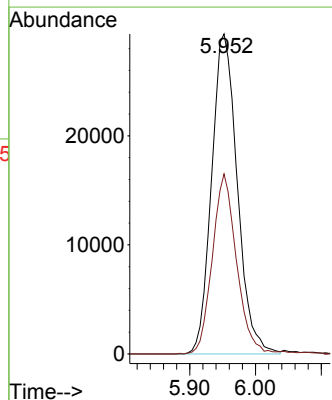
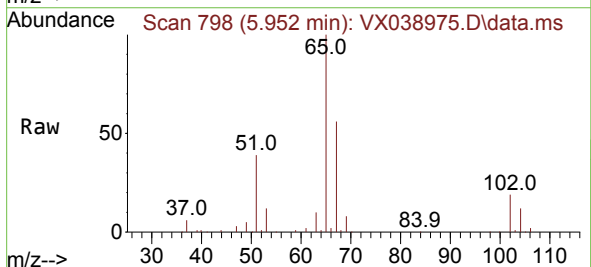


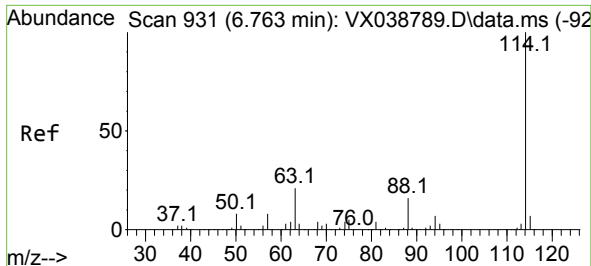
Tgt Ion: 56 Resp: 2737
Ion Ratio Lower Upper
56 100
69 145.3 23.4 35.2#
84 134.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.752 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038975.D
Acq: 21 Nov 2023 11:34

Tgt Ion: 65 Resp: 79797
Ion Ratio Lower Upper
65 100
67 52.8 0.0 100.2

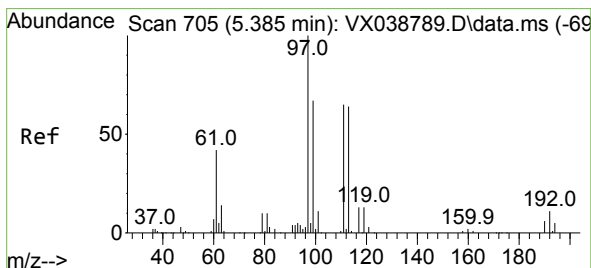
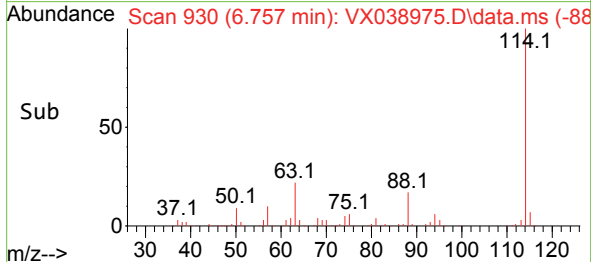
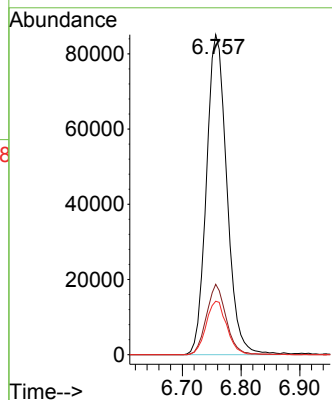
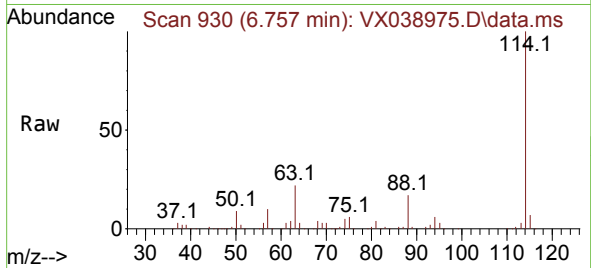




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX038975.D
Acq: 21 Nov 2023 11:34

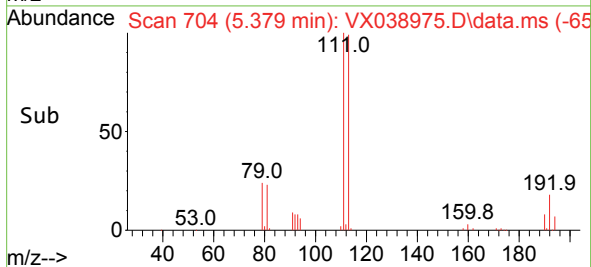
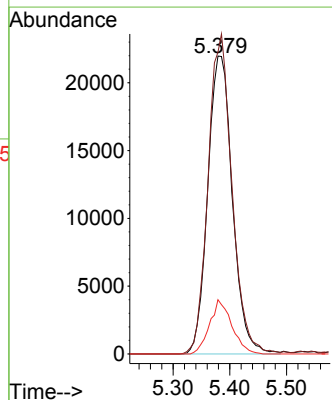
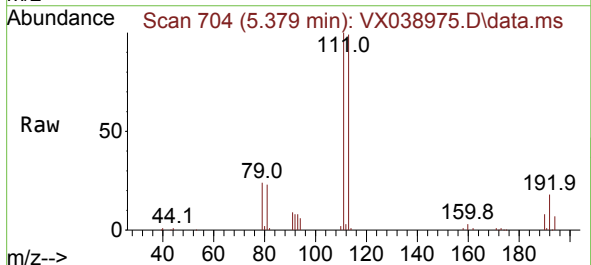
Instrument :
MSVOA_X
ClientSampleId :
VX1121MBL01

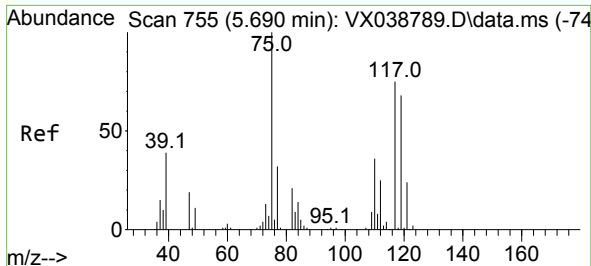
Tgt Ion:114 Resp: 205424
Ion Ratio Lower Upper
114 100
63 22.0 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.819 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038975.D
Acq: 21 Nov 2023 11:34

Tgt Ion:113 Resp: 66495
Ion Ratio Lower Upper
113 100
111 104.0 82.9 124.3
192 16.4 13.3 19.9

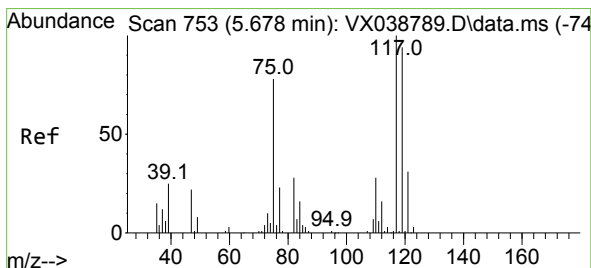
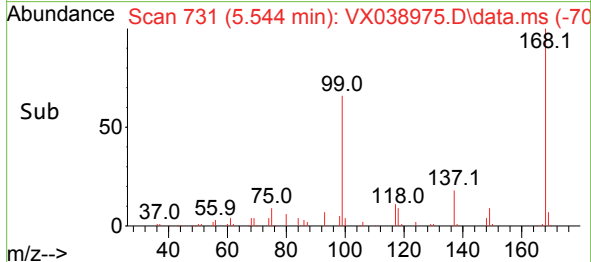
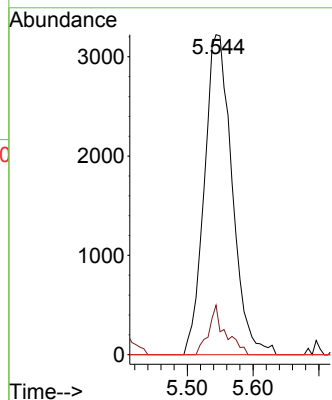
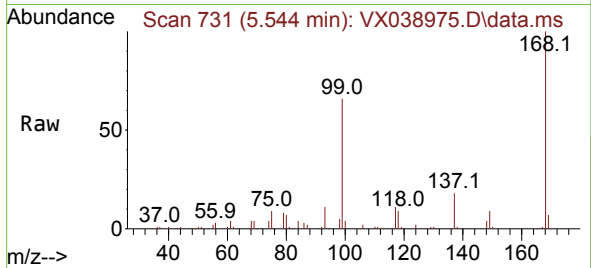




#36
1,1-Dichloropropene
Concen: 4.443 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX038975.D
Acq: 21 Nov 2023 11:34

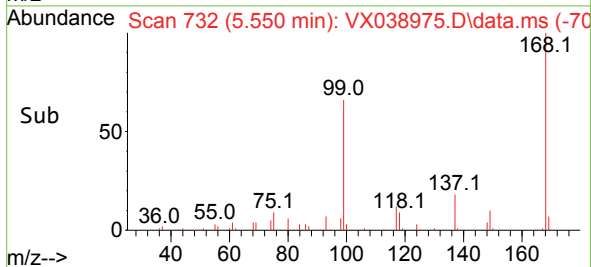
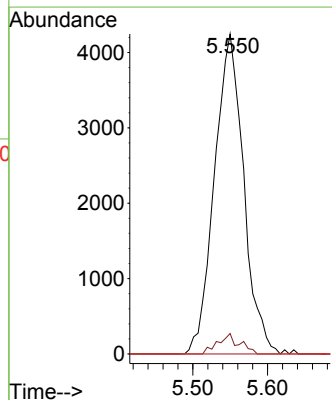
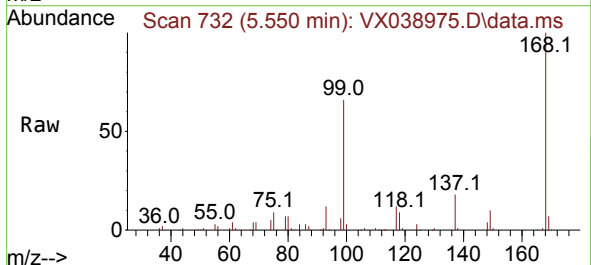
Instrument :
MSVOA_X
ClientSampleId :
VX1121MBL01

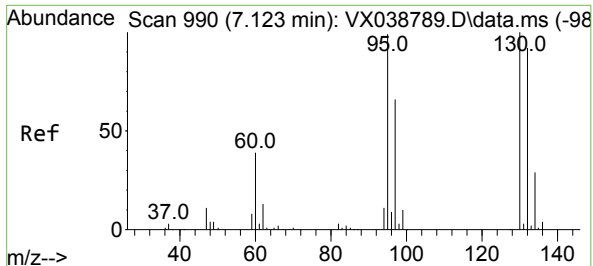
Tgt Ion: 75 Resp: 9447
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.862 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038975.D
Acq: 21 Nov 2023 11:34

Tgt Ion: 117 Resp: 11521
Ion Ratio Lower Upper
117 100
119 6.4 78.2 117.2#
121 0.0 24.4 36.6#

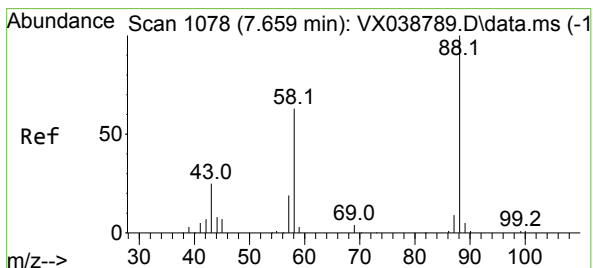
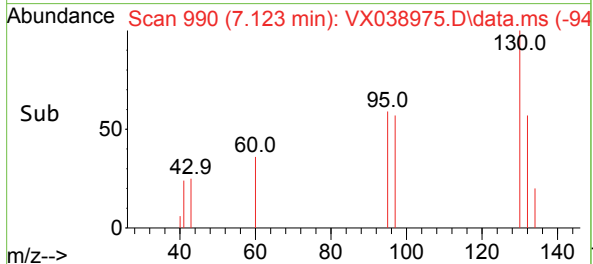
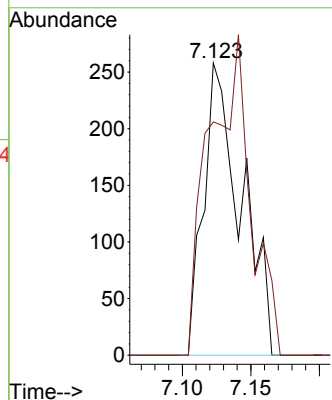
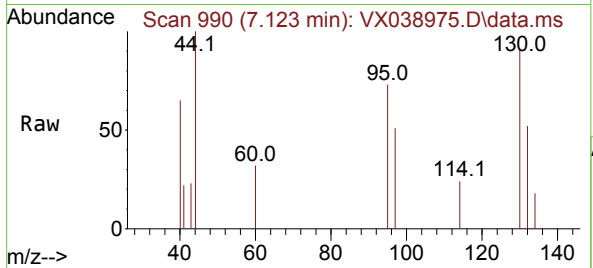




#44
Trichloroethene
Concen: 0.321 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX038975.D
Acq: 21 Nov 2023 11:34

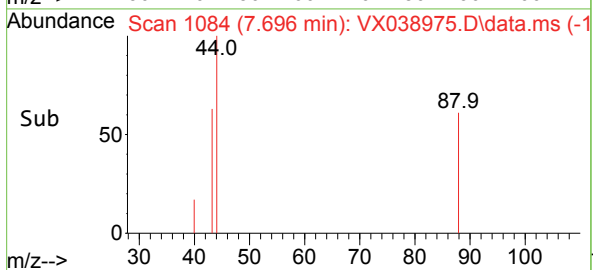
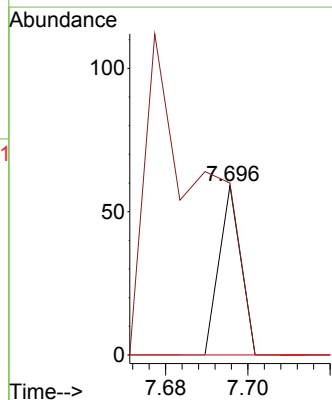
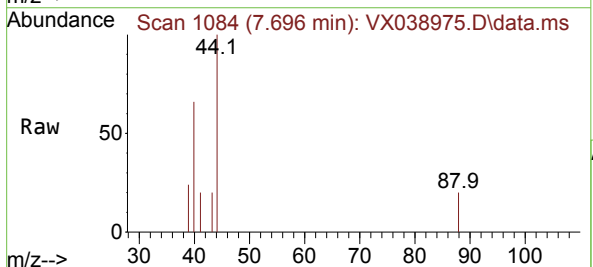
Instrument :
MSVOA_X
ClientSampleId :
VX1121MBL01

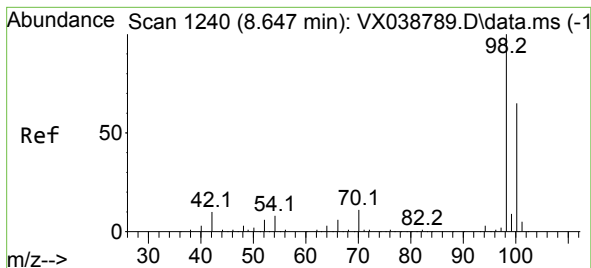
Tgt Ion:130 Resp: 492
Ion Ratio Lower Upper
130 100
95 79.8 0.0 204.4



#49
1,4-Dioxane
Concen: 0.529 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.037 min
Lab File: VX038975.D
Acq: 21 Nov 2023 11:34

Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 481.8 0.0 0.0#
58 0.0 60.1 90.1#





#50

Toluene-d8

Concen: 45.616 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038975.D

Acq: 21 Nov 2023 11:34

Instrument :

MSVOA_X

ClientSampleId :

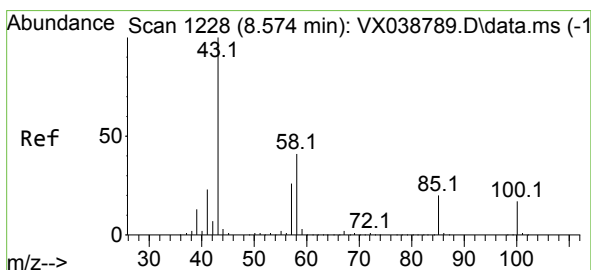
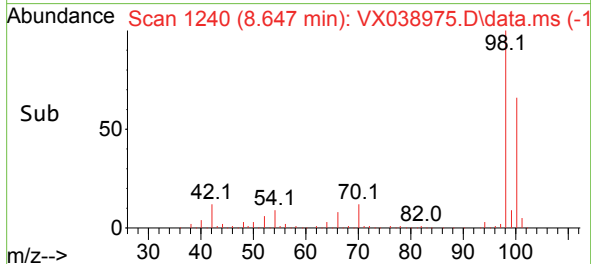
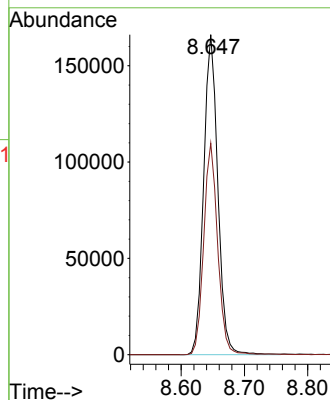
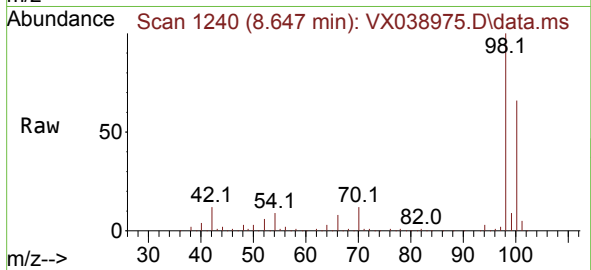
VX1121MBL01

Tgt Ion: 98 Resp: 258934

Ion Ratio Lower Upper

98 100

100 64.8 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.205 ug/l

RT: 8.586 min Scan# 1230

Delta R.T. 0.012 min

Lab File: VX038975.D

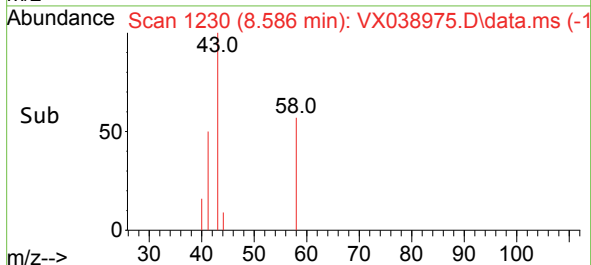
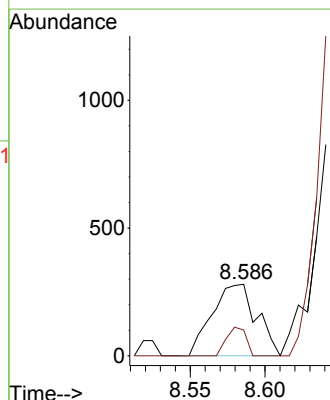
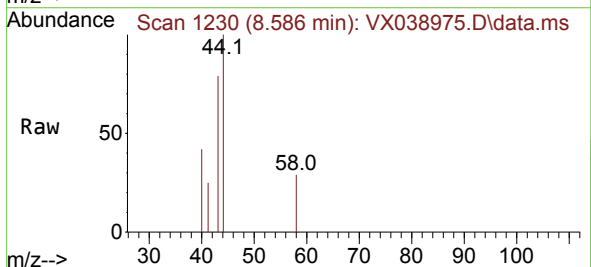
Acq: 21 Nov 2023 11:34

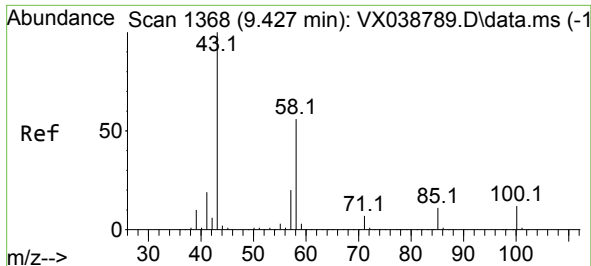
Tgt Ion: 43 Resp: 580

Ion Ratio Lower Upper

43 100

58 17.4 30.4 45.6#





#59

2-Hexanone

Concen: 0.278 ug/l

RT: 9.439 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX038975.D

Acq: 21 Nov 2023 11:34

Instrument :

MSVOA_X

ClientSampleId :

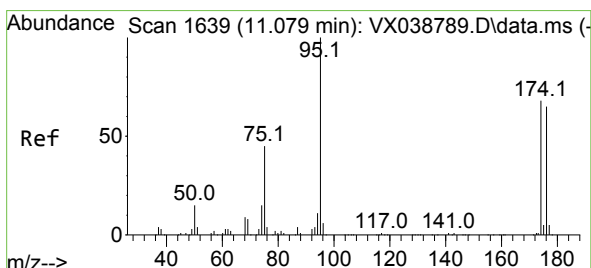
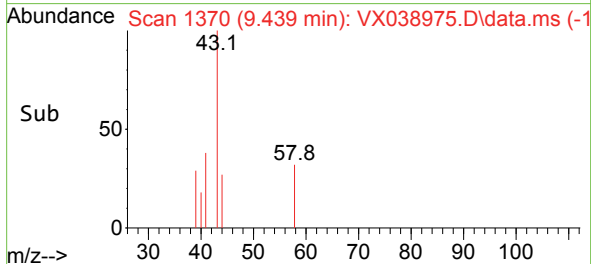
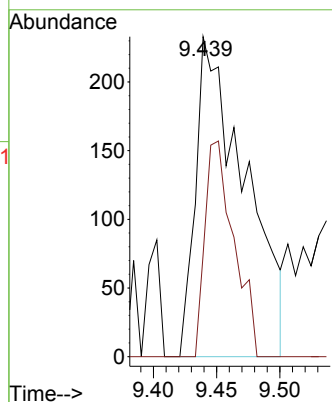
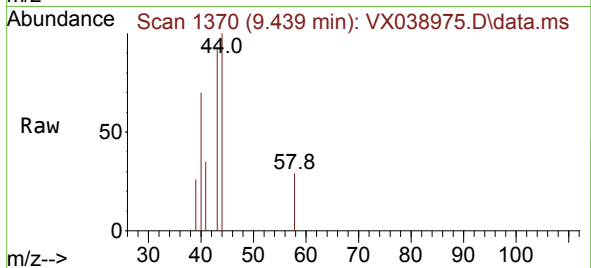
VX1121MBL01

Tgt Ion: 43 Resp: 630

Ion Ratio Lower Upper

43 100

58 39.7 26.2 78.5



#62

4-Bromofluorobenzene

Concen: 48.344 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038975.D

Acq: 21 Nov 2023 11:34

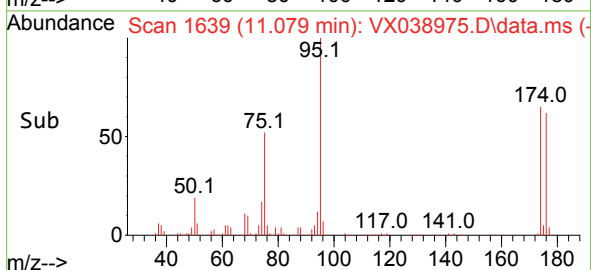
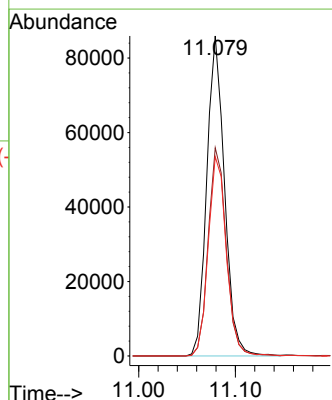
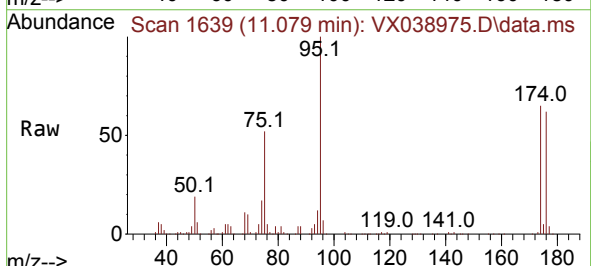
Tgt Ion: 95 Resp: 109853

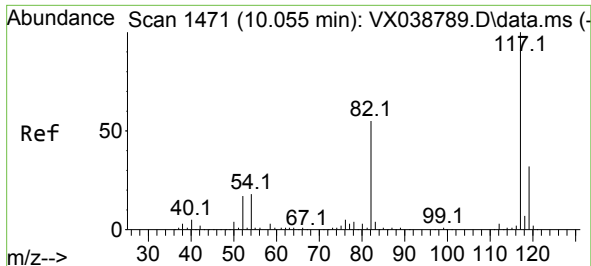
Ion Ratio Lower Upper

95 100

174 65.9 0.0 135.6

176 63.8 0.0 131.0

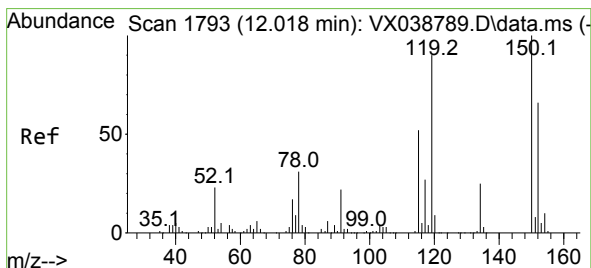
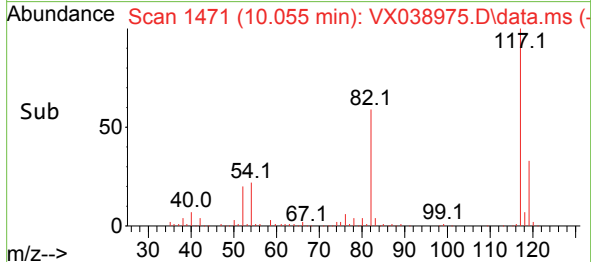
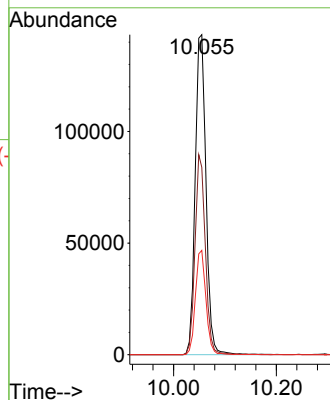
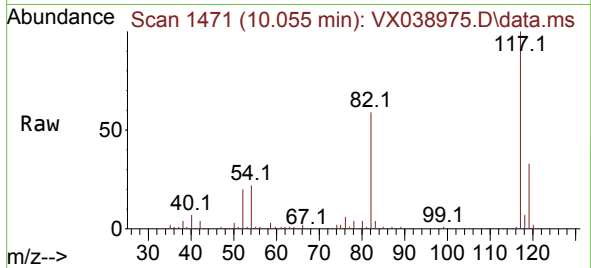




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038975.D
Acq: 21 Nov 2023 11:34

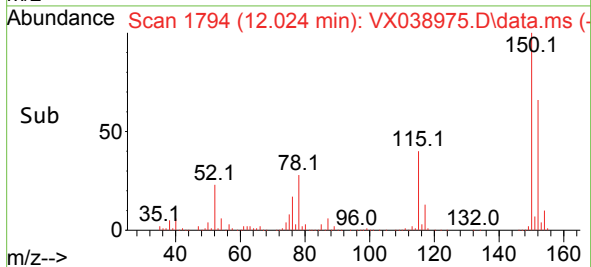
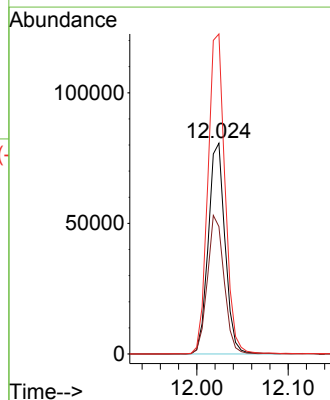
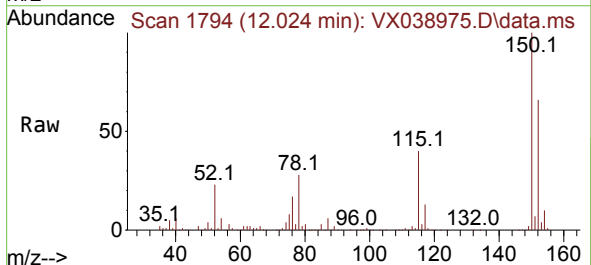
Instrument :
MSVOA_X
ClientSampleId :
VX1121MBL01

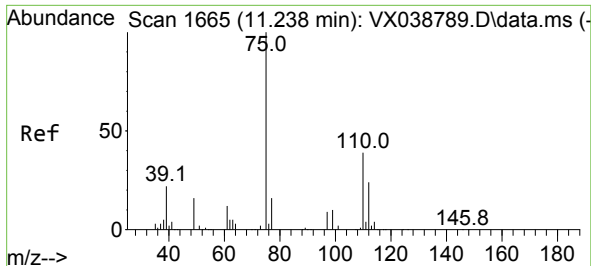
Tgt Ion:117 Resp: 209662
Ion Ratio Lower Upper
117 100
82 58.5 46.2 69.4
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038975.D
Acq: 21 Nov 2023 11:34

Tgt Ion:152 Resp: 102634
Ion Ratio Lower Upper
152 100
115 65.6 43.3 129.9
150 154.9 0.0 345.0

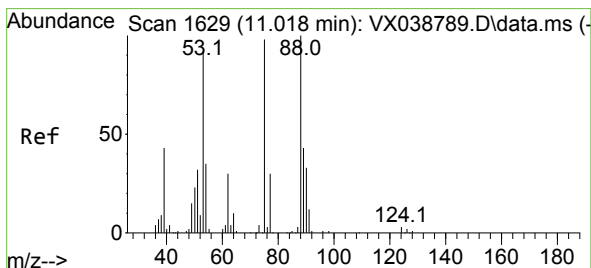
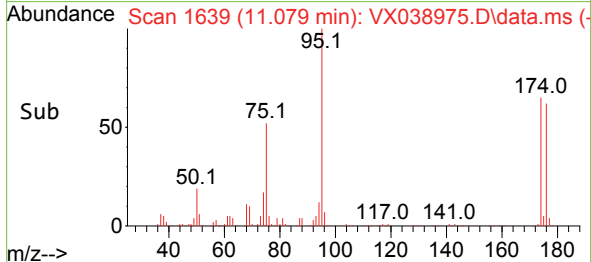
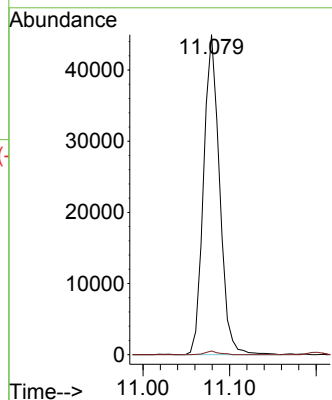
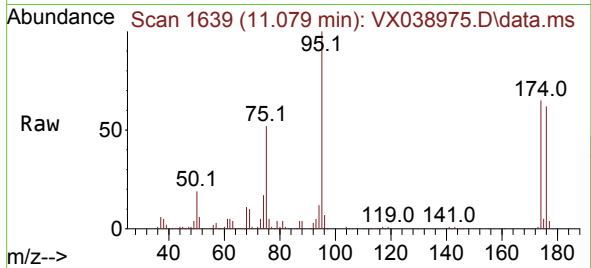




#76
1,2,3-Trichloropropane
Concen: 22.563 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038975.D
Acq: 21 Nov 2023 11:34

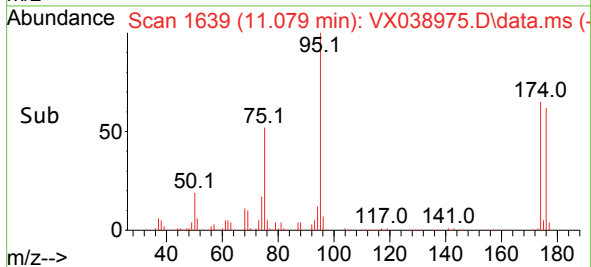
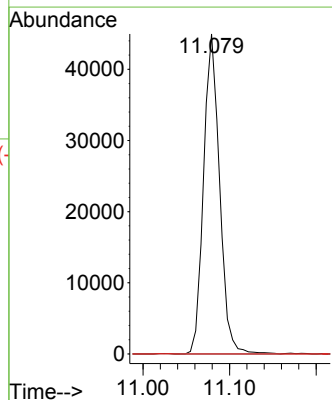
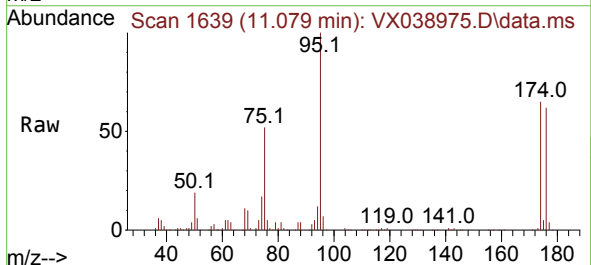
Instrument :
MSVOA_X
ClientSampleId :
VX1121MBL01

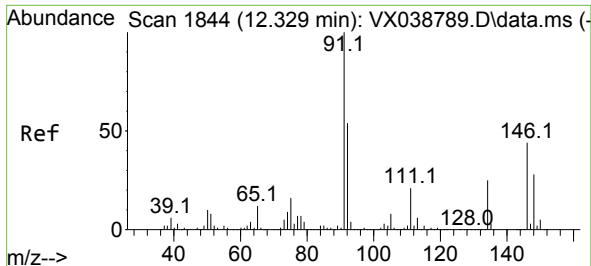
Tgt Ion: 75 Resp: 57778
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 50.048 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038975.D
Acq: 21 Nov 2023 11:34

Tgt Ion: 75 Resp: 57778
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#89

n-Butylbenzene

Concen: 0.261 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX038975.D

Acq: 21 Nov 2023 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX1121MBL01

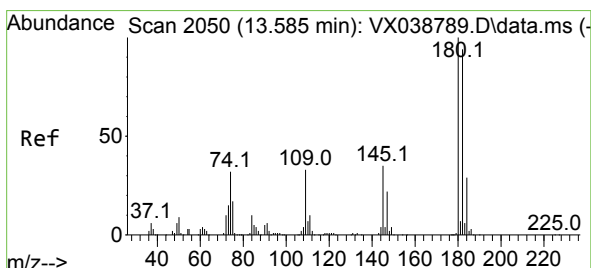
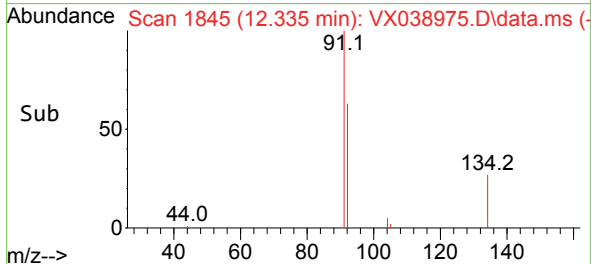
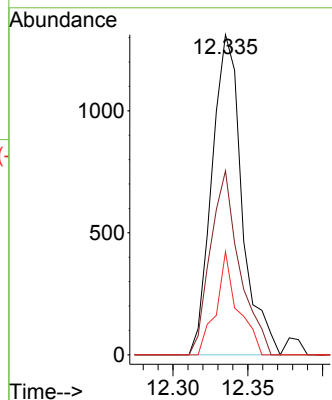
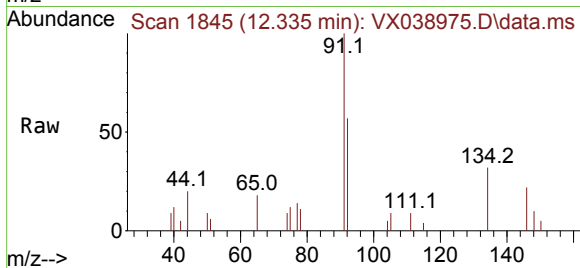
Tgt Ion: 91 Resp: 1833

Ion Ratio Lower Upper

91 100

92 55.7 27.4 82.0

134 23.2 12.6 37.8



#93

1,2,4-Trichlorobenzene

Concen: 0.507 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX038975.D

Acq: 21 Nov 2023 11:34

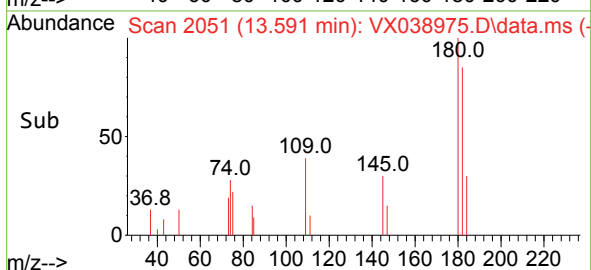
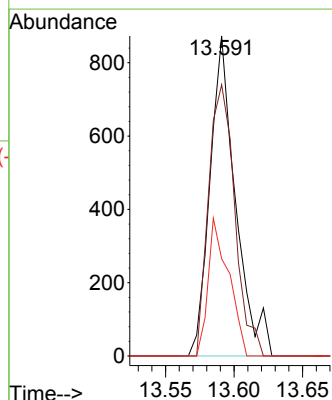
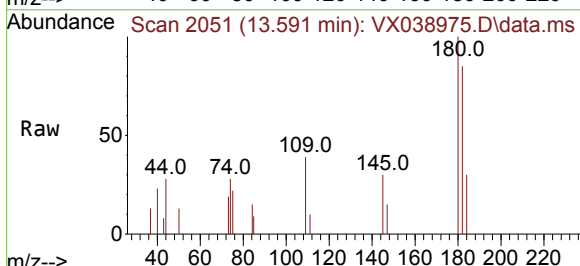
Tgt Ion:180 Resp: 1133

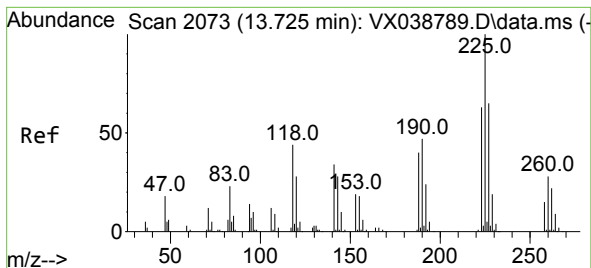
Ion Ratio Lower Upper

180 100

182 86.8 48.3 144.8

145 34.5 18.0 54.0





#94

Hexachlorobutadiene

Concen: 0.862 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038975.D

Acq: 21 Nov 2023 11:34

Instrument :

MSVOA_X

ClientSampleId :

VX1121MBL01

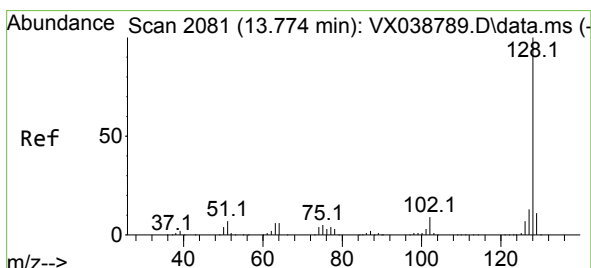
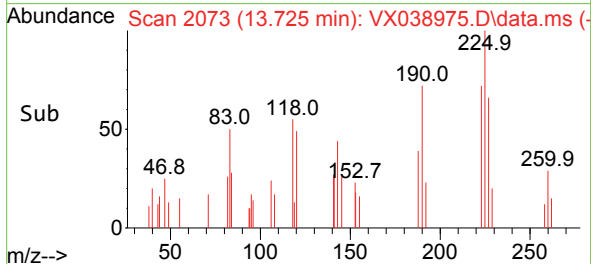
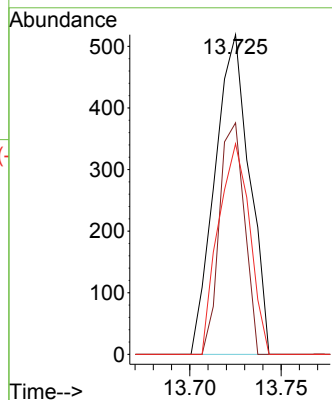
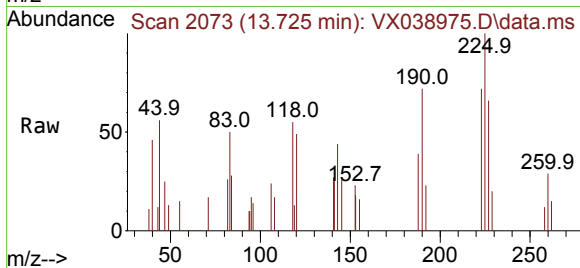
Tgt Ion:225 Resp: 683

Ion Ratio Lower Upper

225 100

223 52.7 31.1 93.2

227 59.9 32.5 97.5



#95

Naphthalene

Concen: 0.561 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX038975.D

Acq: 21 Nov 2023 11:34

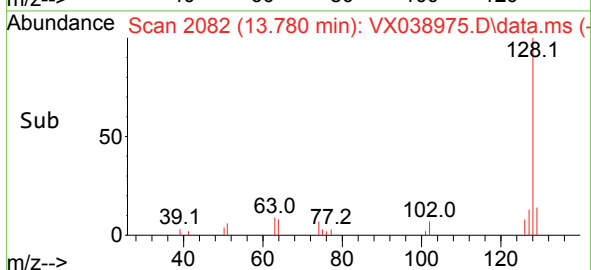
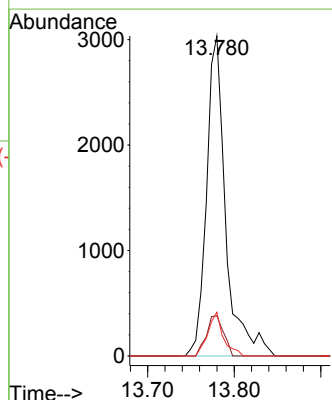
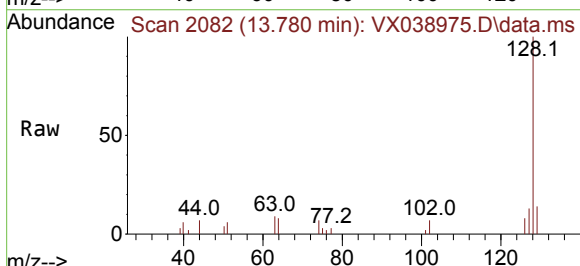
Tgt Ion:128 Resp: 4670

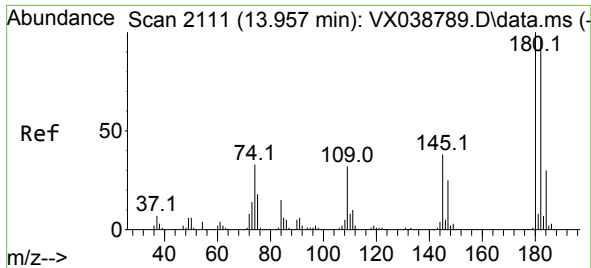
Ion Ratio Lower Upper

128 100

127 11.2 10.3 15.5

129 11.0 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.441 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VX038975.D
 Acq: 21 Nov 2023 11:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121MBL01

Tgt Ion:180 Resp: 934
 Ion Ratio Lower Upper
 180 100
 182 96.1 46.9 140.6
 145 38.4 17.8 53.5

