

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013123\
 Data File : VX033974.D
 Acq On : 31 Jan 2023 16:25
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Feb 01 02:15:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

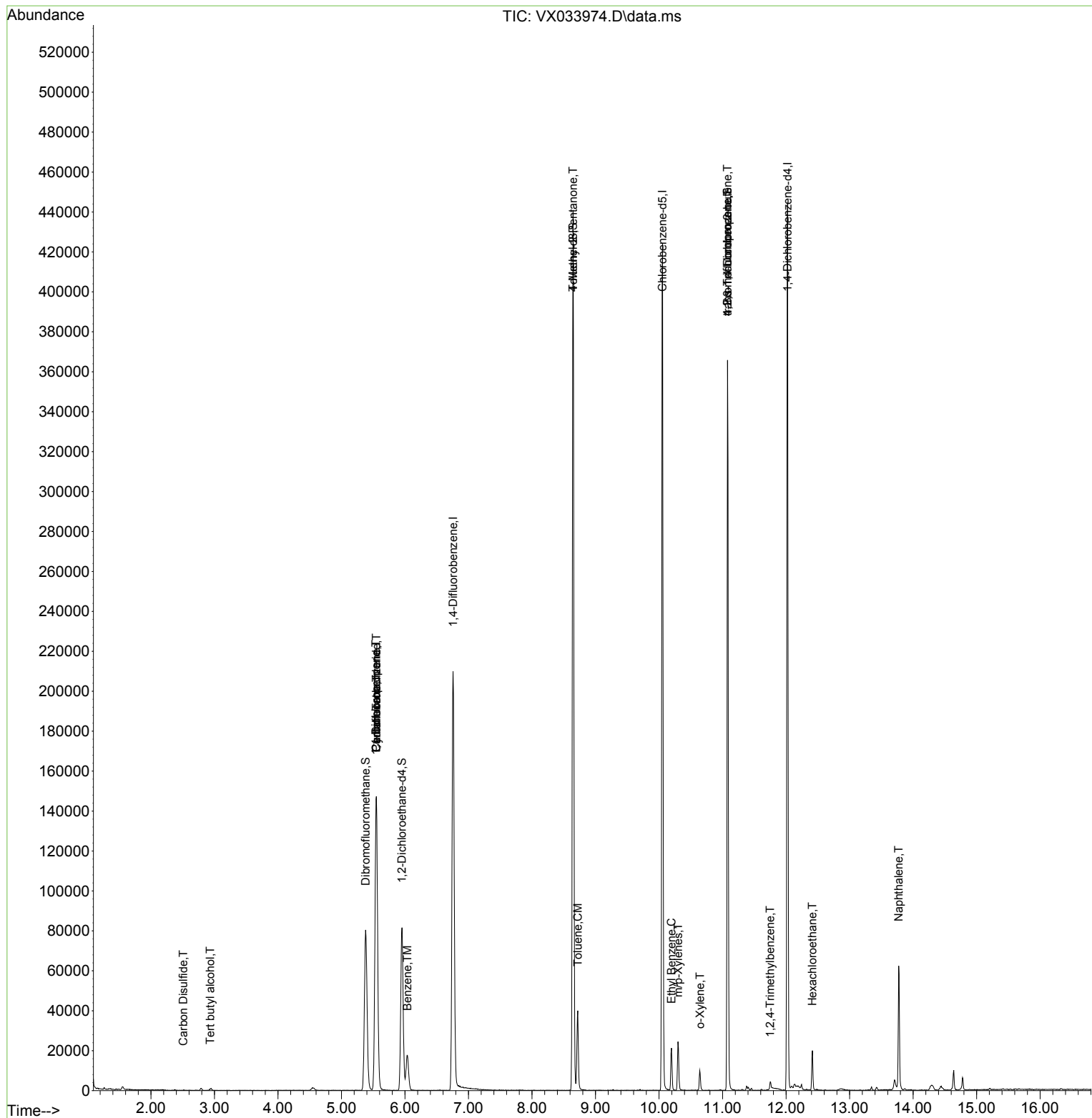
Internal Standards						
1) Pentafluorobenzene	5.550	168	165882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	235649	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78003	44.660	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.320%
35) Dibromofluoromethane	5.379	113	70800	48.385	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.780%
50) Toluene-d8	8.647	98	265849	49.865	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.720%
62) 4-Bromofluorobenzene	11.079	95	96046	48.522	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.040%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.934	59	616	2.030	ug/l #	86
16) Acetone	2.373	43	370	Below Cal		93
17) Carbon Disulfide	2.508	76	87	1.847	ug/l #	76
20) Methylene Chloride	2.794	84	454	Below Cal	#	78
31) Cyclohexane	5.550	56	2288	0.890	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	9474	4.436	ug/l #	48
38) Carbon Tetrachloride	5.550	117	13426	6.070	ug/l #	15
40) Benzene	6.037	78	22504	3.615	ug/l	98
51) 4-Methyl-2-Pentanone	8.647	43	1115	0.539	ug/l #	1
52) Toluene	8.720	92	15951	3.968	ug/l	99
67) Ethyl Benzene	10.195	91	13419	1.765	ug/l	97
68) m/p-Xylenes	10.299	106	6327	2.128	ug/l	97
69) o-Xylene	10.646	106	2501	0.848	ug/l	99
73) Isopropylbenzene	10.963	105	390	Below Cal	#	57
76) 1,2,3-Trichloropropane	11.079	75	43843	22.309	ug/l #	34
79) 2-Chlorotoluene	11.378	91	331	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.079	75	43843	69.335	ug/l #	8
82) 4-Chlorotoluene	11.463	91	133	Below Cal	#	43
84) 1,2,4-Trimethylbenzene	11.750	105	2525	0.415	ug/l	80
90) Hexachloroethane	12.414	117	835	0.776	ug/l #	4
95) Naphthalene	13.774	128	44667	6.609	ug/l	100

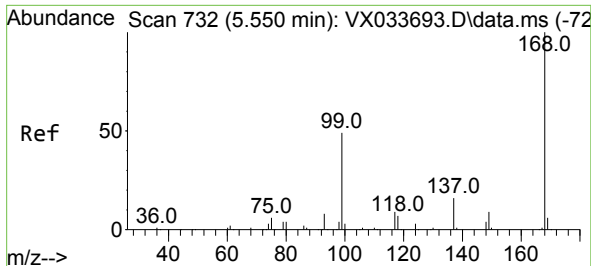
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
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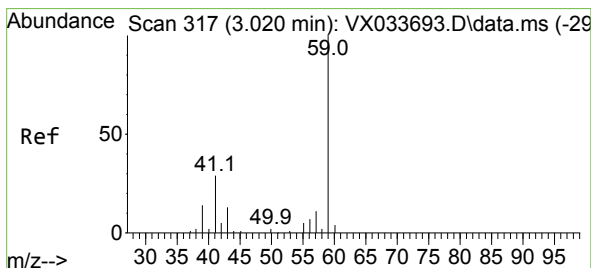
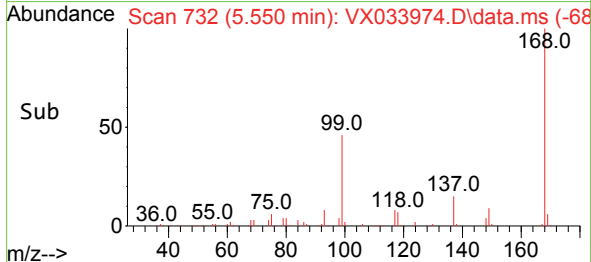
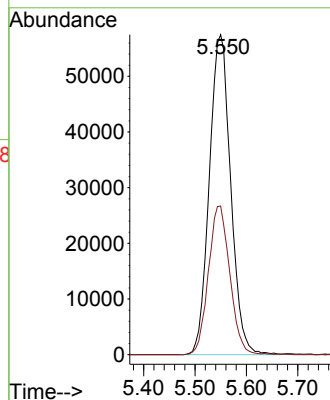
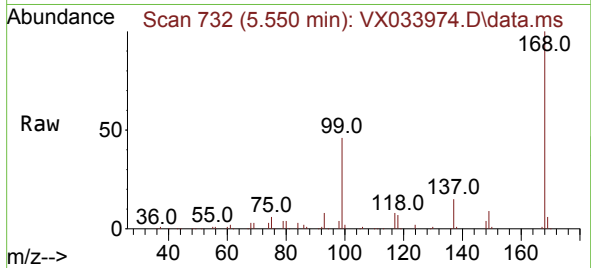




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033974.D
Acq: 31 Jan 2023 16:25

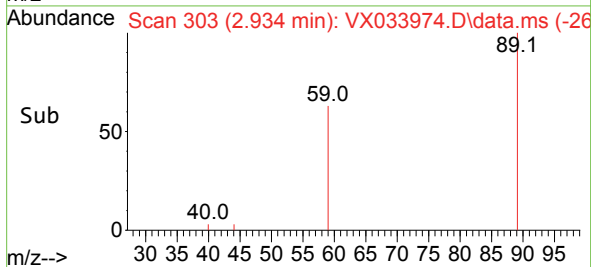
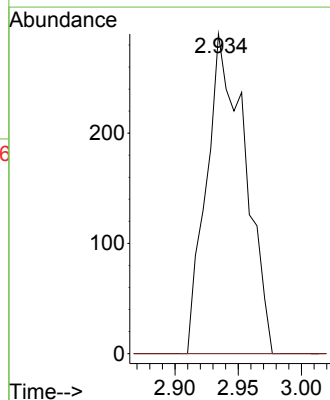
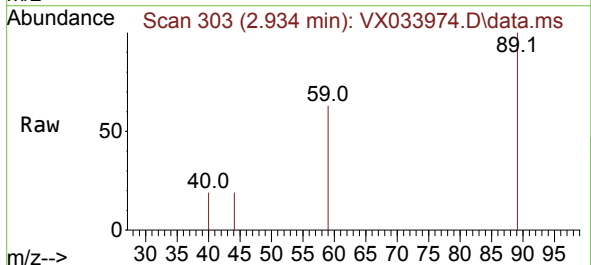
Instrument :
MSVOA_X
ClientSampleId :
IBLK

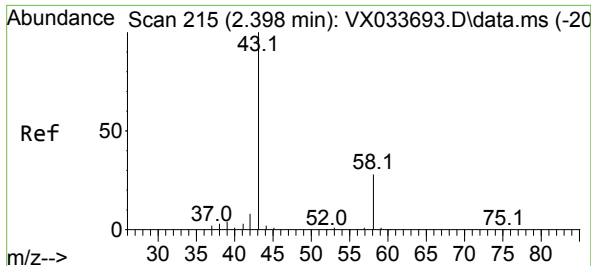
Tgt Ion:168 Resp: 165882
Ion Ratio Lower Upper
168 100
99 46.4 39.6 59.4



#11
Tert butyl alcohol
Concen: 2.030 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.085 min
Lab File: VX033974.D
Acq: 31 Jan 2023 16:25

Tgt Ion: 59 Resp: 616
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#

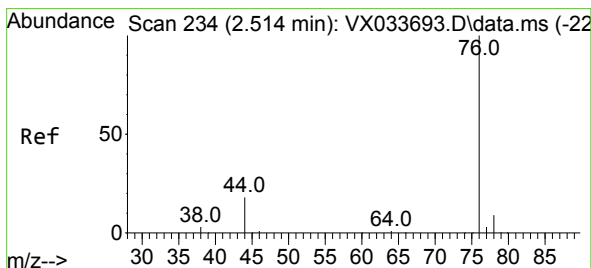
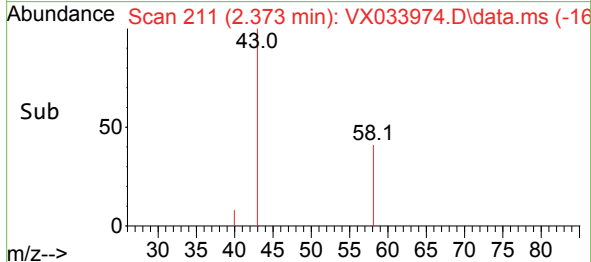
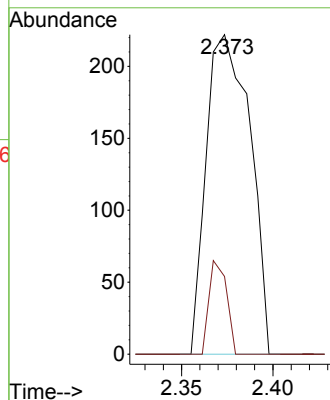
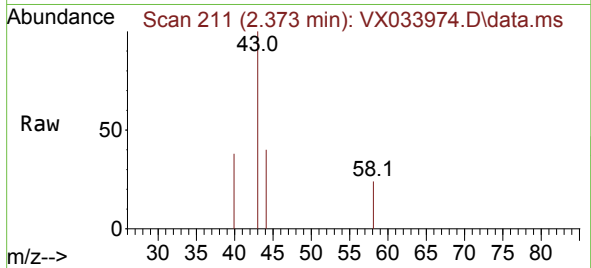




#16
Acetone
Concen: Below Cal
RT: 2.373 min Scan# 215
Delta R.T. -0.025 min
Lab File: VX033974.D
Acq: 31 Jan 2023 16:25

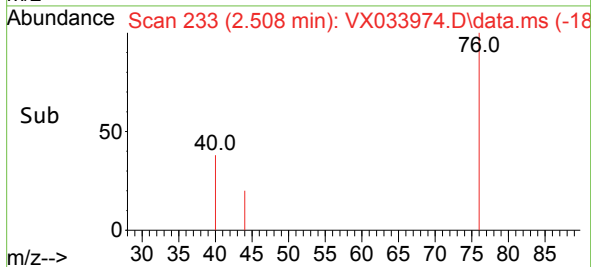
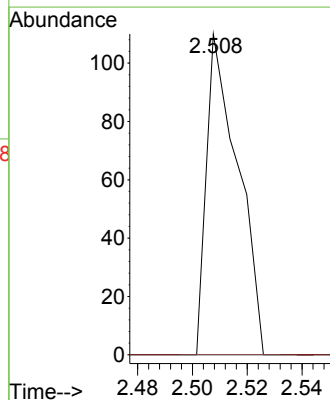
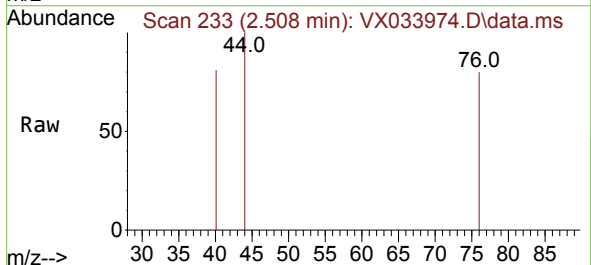
Instrument :
MSVOA_X
ClientSampleId :
IBLK

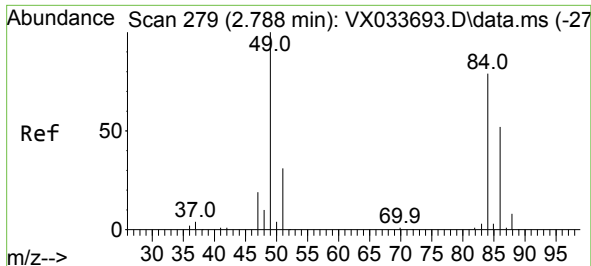
Tgt Ion: 43 Resp: 370
Ion Ratio Lower Upper
43 100
58 24.3 22.6 33.8



#17
Carbon Disulfide
Concen: 1.847 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX033974.D
Acq: 31 Jan 2023 16:25

Tgt Ion: 76 Resp: 87
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX033974.D

Acq: 31 Jan 2023 16:25

Instrument :

MSVOA_X

ClientSampleId :

IBLK

Tgt Ion: 84 Resp: 454

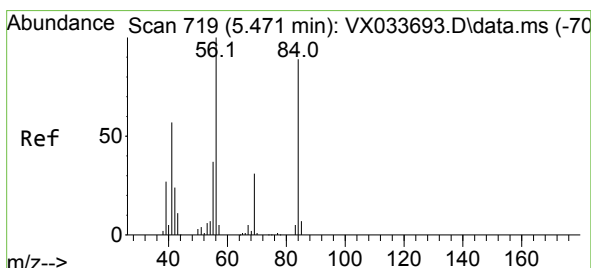
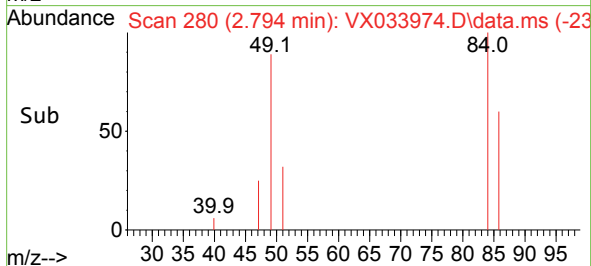
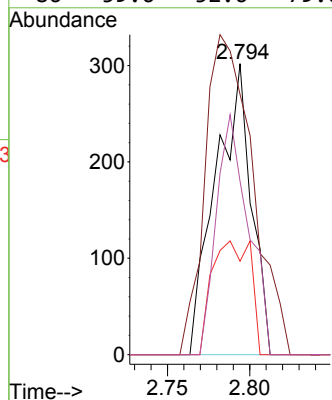
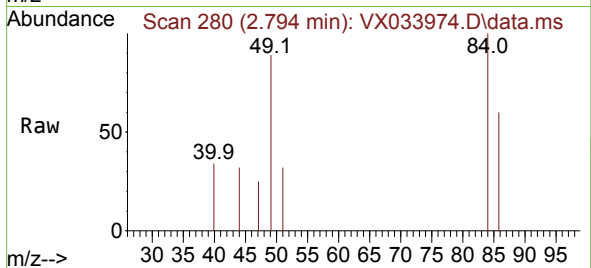
Ion Ratio Lower Upper

84 100

49 89.4 101.1 151.7#

51 32.1 31.0 46.6

86 59.6 52.6 79.0



#31

Cyclohexane

Concen: 0.890 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX033974.D

Acq: 31 Jan 2023 16:25

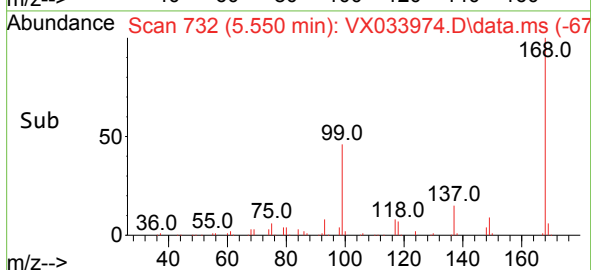
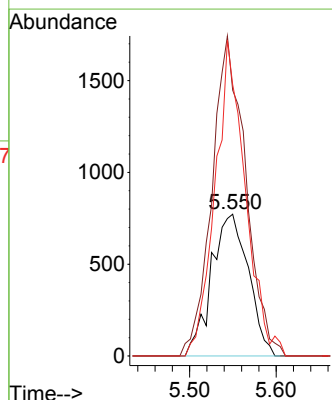
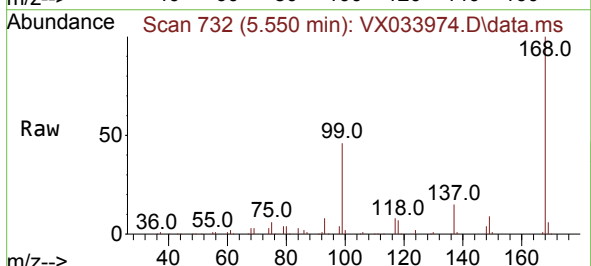
Tgt Ion: 56 Resp: 2288

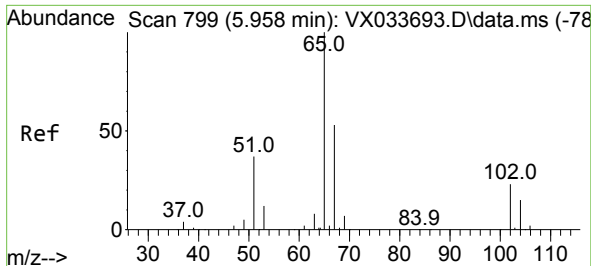
Ion Ratio Lower Upper

56 100

69 187.6 24.6 37.0#

84 191.5 71.0 106.6#

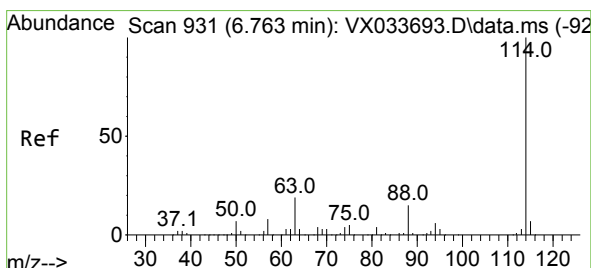
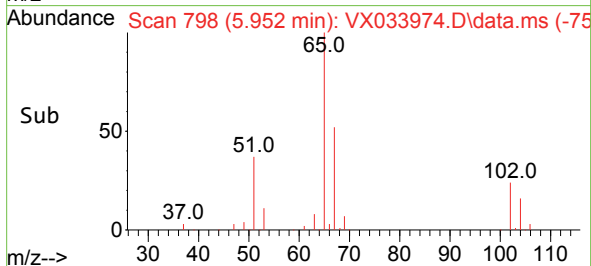
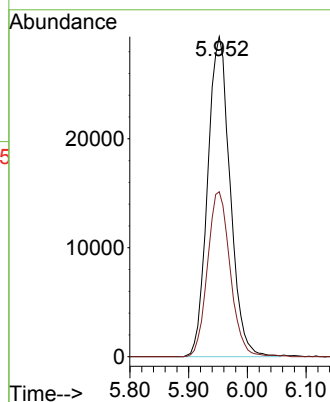
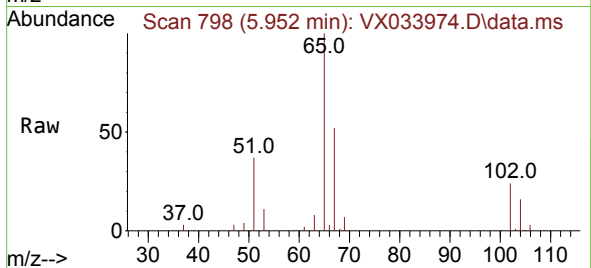




#33
1,2-Dichloroethane-d4
Concen: 44.660 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX033974.D
Acq: 31 Jan 2023 16:25

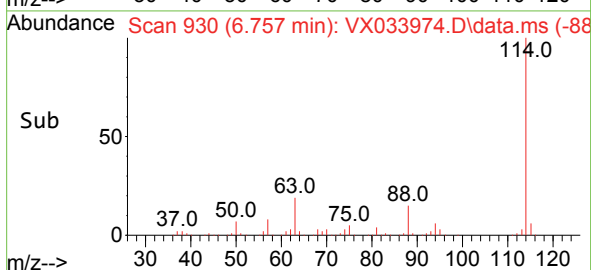
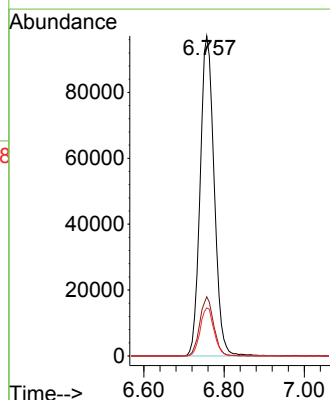
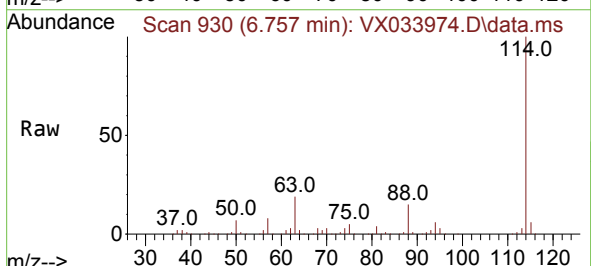
Instrument :
MSVOA_X
ClientSampleId :
IBLK

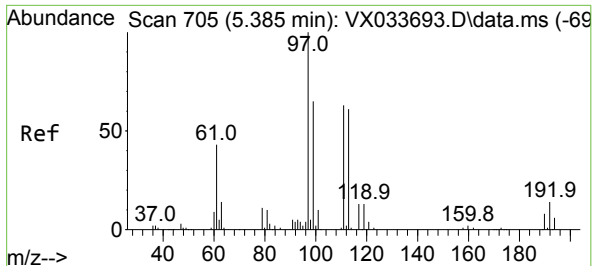
Tgt Ion: 65 Resp: 78003
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX033974.D
Acq: 31 Jan 2023 16:25

Tgt Ion: 114 Resp: 235649
Ion Ratio Lower Upper
114 100
63 18.5 0.0 37.4
88 15.0 0.0 30.6

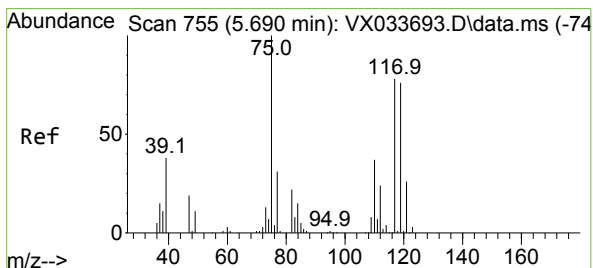
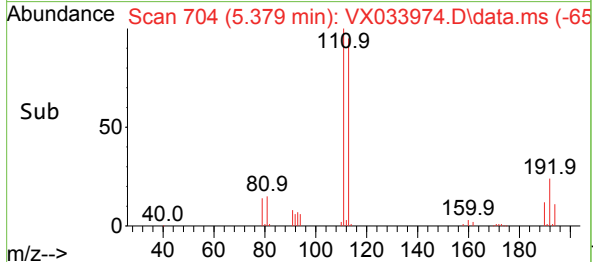
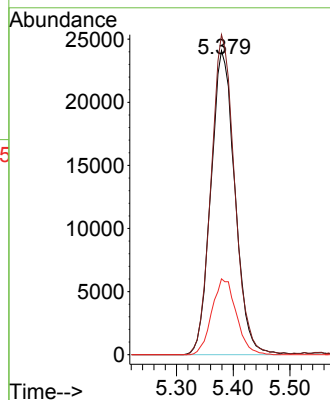
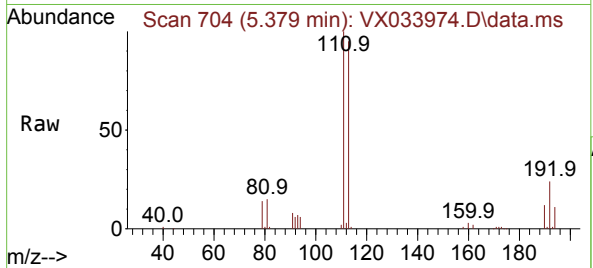




#35
Dibromofluoromethane
Concen: 48.385 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033974.D
Acq: 31 Jan 2023 16:25

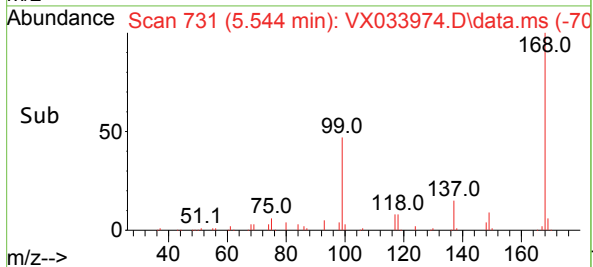
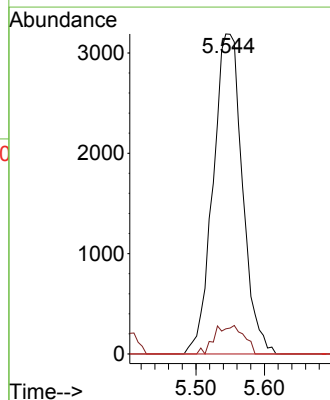
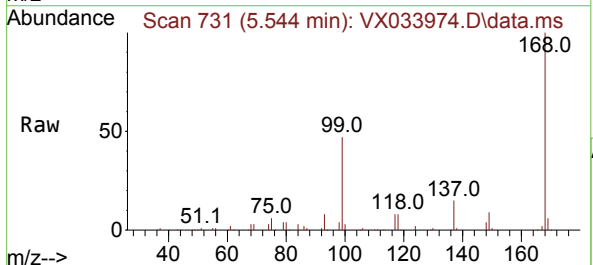
Instrument :
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IBLK

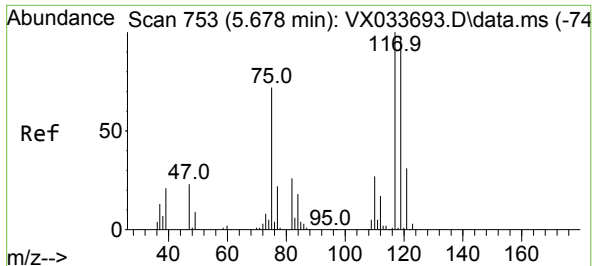
Tgt Ion:113 Resp: 70800
Ion Ratio Lower Upper
113 100
111 103.6 83.0 124.6
192 25.4 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.436 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX033974.D
Acq: 31 Jan 2023 16:25

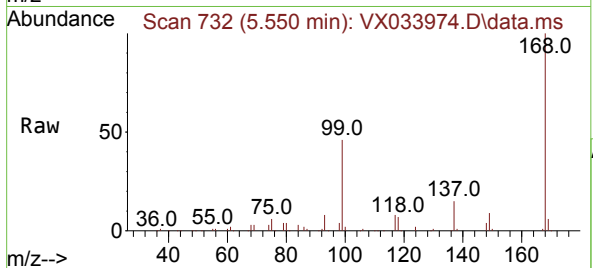
Tgt Ion: 75 Resp: 9474
Ion Ratio Lower Upper
75 100
110 8.8 18.8 56.4#
77 0.0 25.1 37.7#



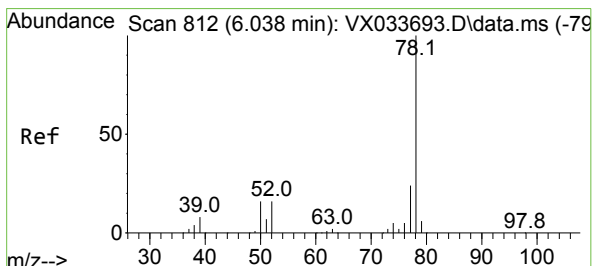
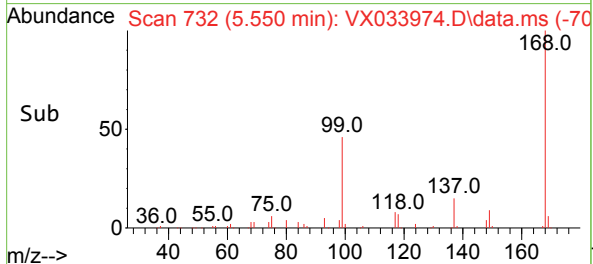
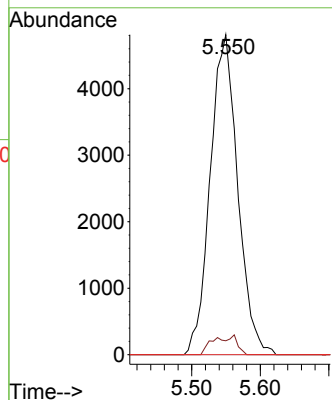


#38
Carbon Tetrachloride
Concen: 6.070 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033974.D
Acq: 31 Jan 2023 16:25

Instrument :
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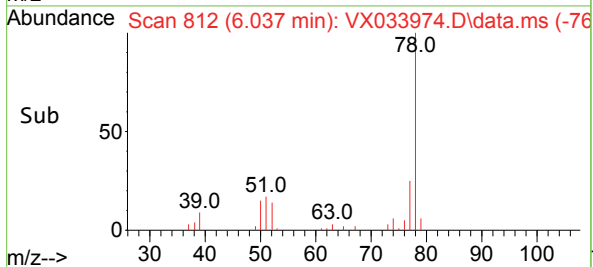
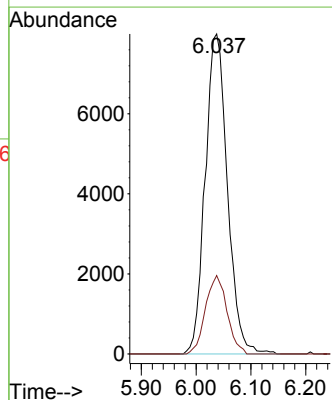
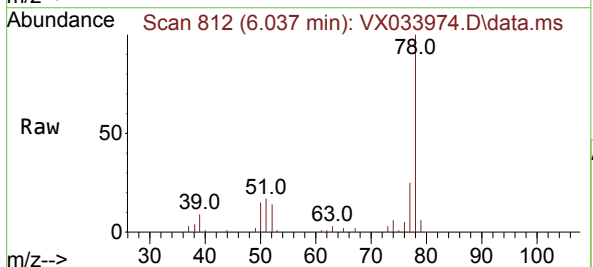


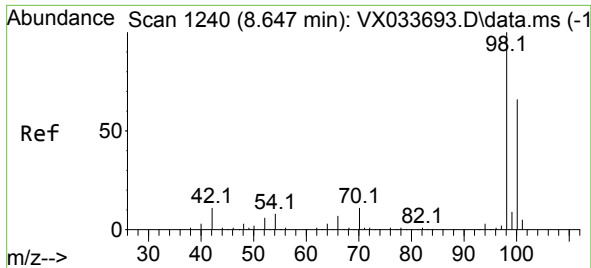
Tgt Ion:117 Resp: 13426
Ion Ratio Lower Upper
117 100
119 4.4 78.0 117.0#
121 0.0 24.4 36.6#



#40
Benzene
Concen: 3.615 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX033974.D
Acq: 31 Jan 2023 16:25

Tgt Ion: 78 Resp: 22504
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.4

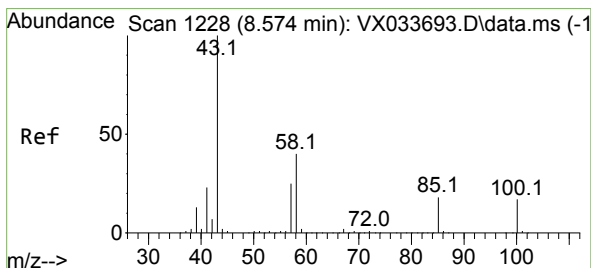
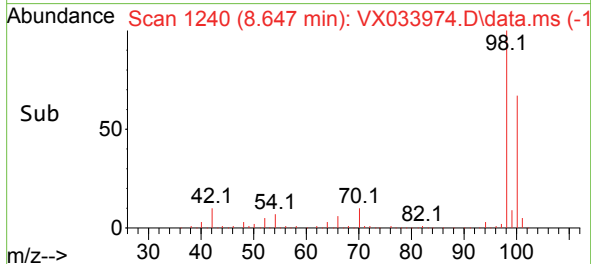
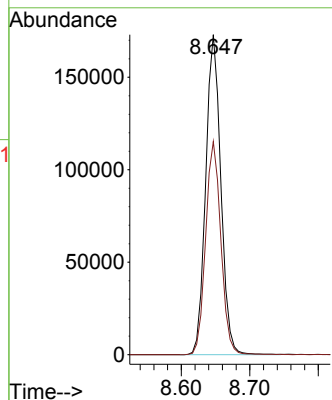
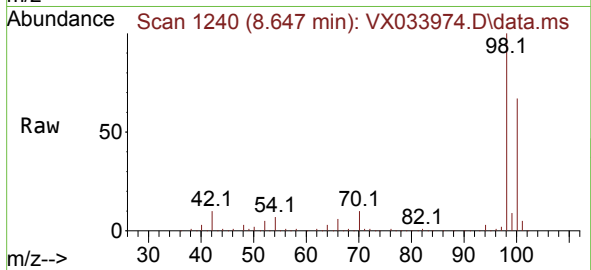




#50
Toluene-d8
Concen: 49.865 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033974.D
Acq: 31 Jan 2023 16:25

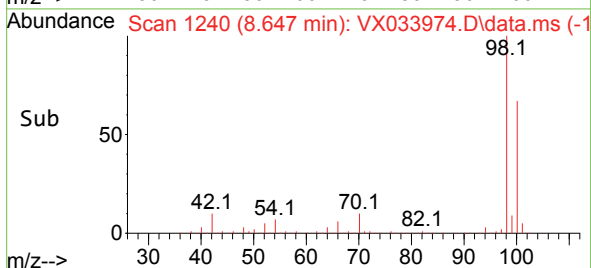
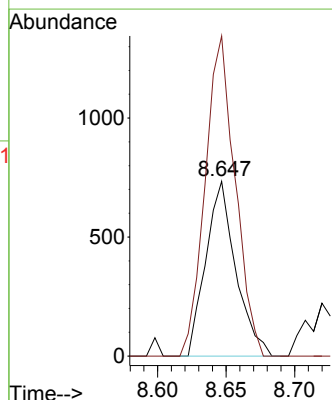
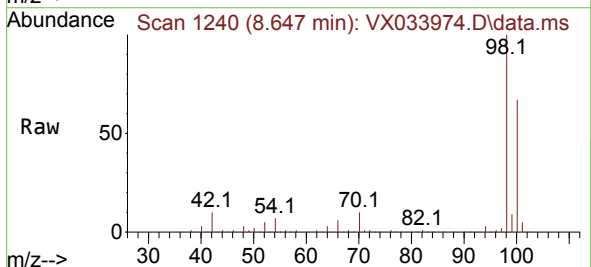
Instrument :
MSVOA_X
ClientSampleId :
IBLK

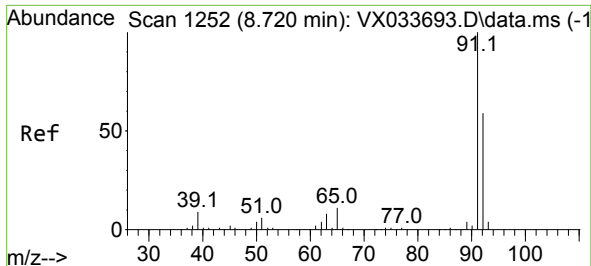
Tgt Ion: 98 Resp: 265849
Ion Ratio Lower Upper
98 100
100 67.1 53.6 80.4



#51
4-Methyl-2-Pentanone
Concen: 0.539 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX033974.D
Acq: 31 Jan 2023 16:25

Tgt Ion: 43 Resp: 1115
Ion Ratio Lower Upper
43 100
58 183.5 31.2 46.8#

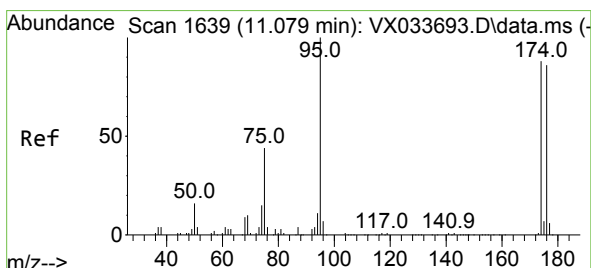
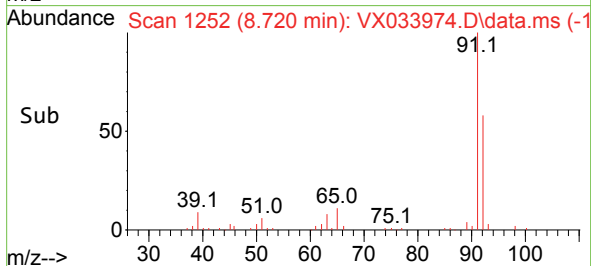
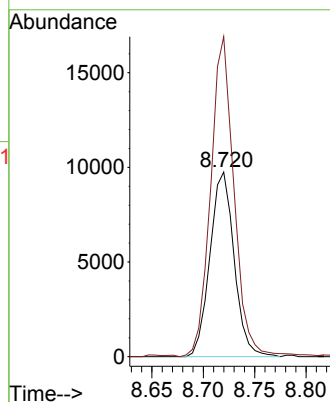
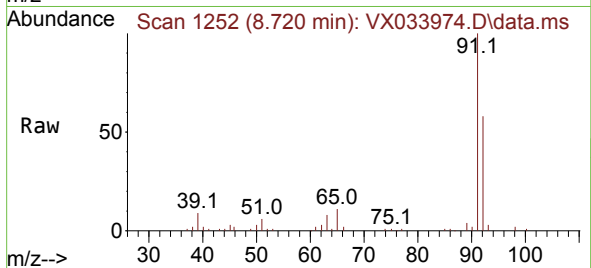




#52
Toluene
Concen: 3.968 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033974.D
Acq: 31 Jan 2023 16:25

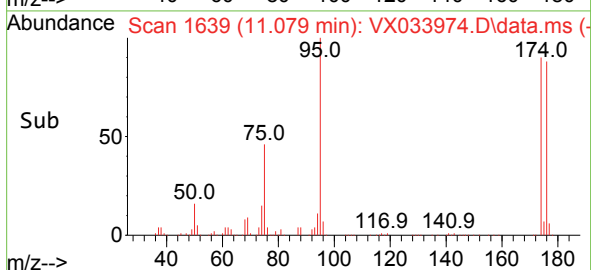
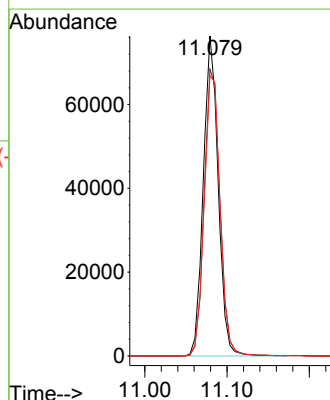
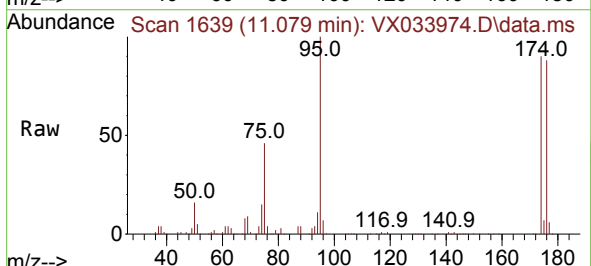
Instrument :
MSVOA_X
ClientSampleId :
IBLK

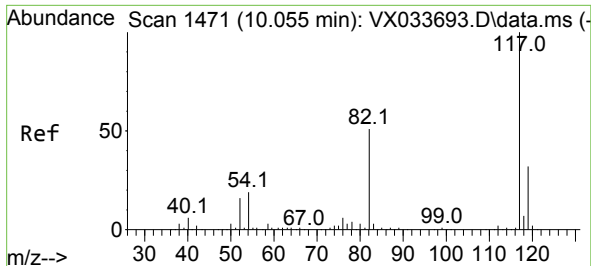
Tgt Ion: 92 Resp: 15951
Ion Ratio Lower Upper
92 100
91 168.3 135.5 203.3



#62
4-Bromofluorobenzene
Concen: 48.522 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033974.D
Acq: 31 Jan 2023 16:25

Tgt Ion: 95 Resp: 96046
Ion Ratio Lower Upper
95 100
174 95.1 0.0 184.4
176 93.6 0.0 178.8

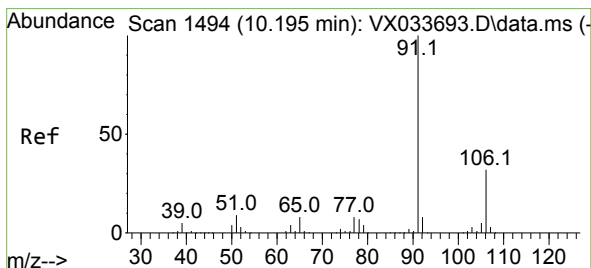
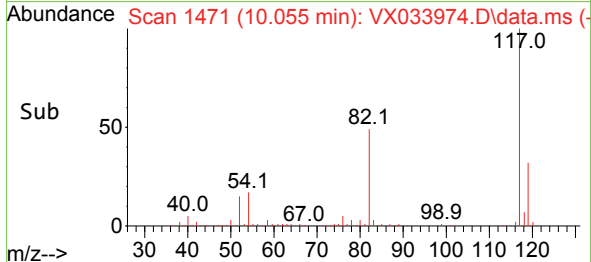
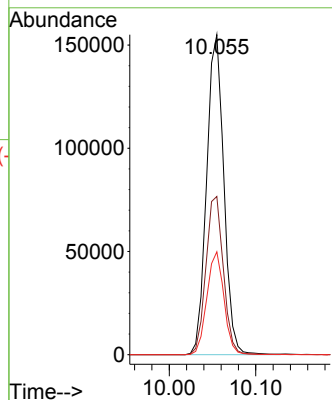
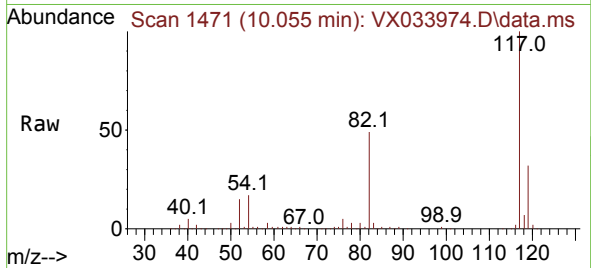




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033974.D
Acq: 31 Jan 2023 16:25

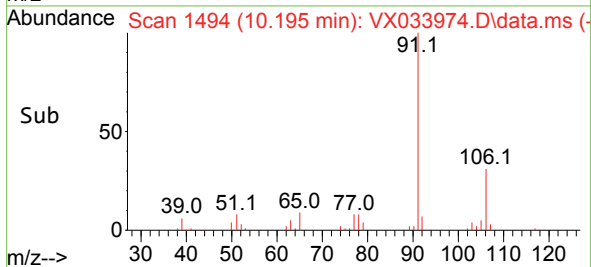
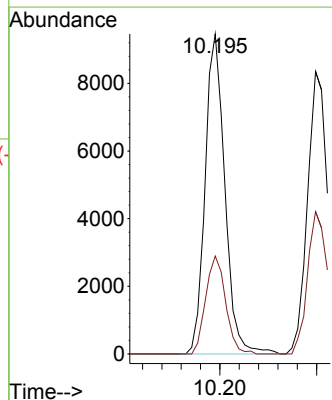
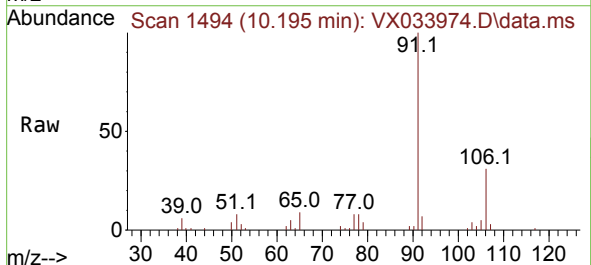
Instrument :
MSVOA_X
ClientSampleId :
IBLK

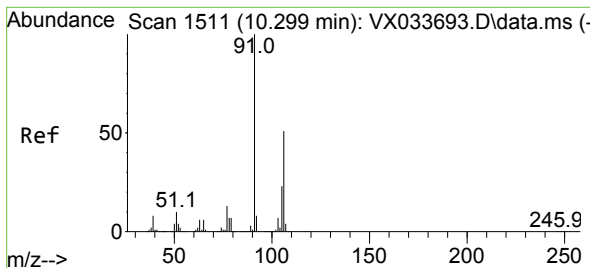
Tgt Ion:117 Resp: 213868
Ion Ratio Lower Upper
117 100
82 49.5 40.6 60.8
119 32.2 25.6 38.4



#67
Ethyl Benzene
Concen: 1.765 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX033974.D
Acq: 31 Jan 2023 16:25

Tgt Ion: 91 Resp: 13419
Ion Ratio Lower Upper
91 100
106 30.6 25.8 38.8

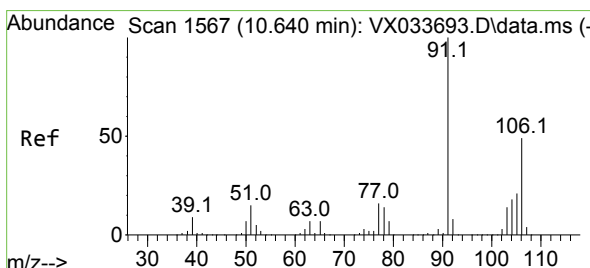
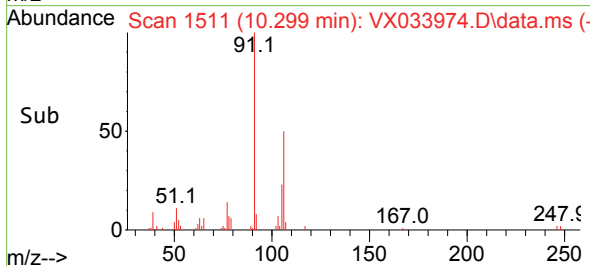
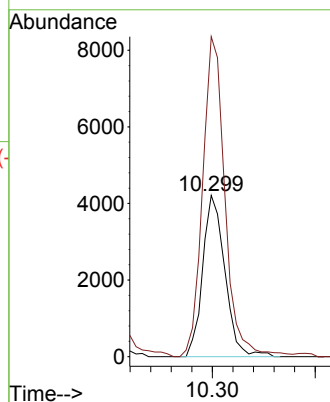
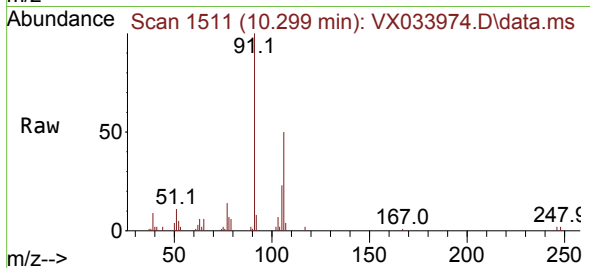




#68
m/p-Xylenes
Concen: 2.128 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX033974.D
Acq: 31 Jan 2023 16:25

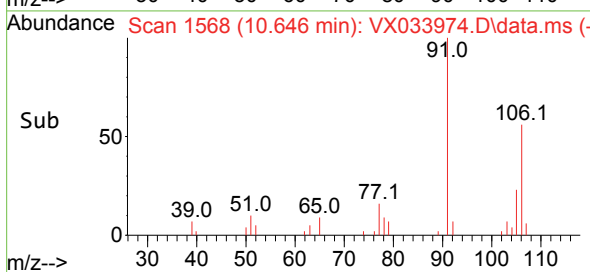
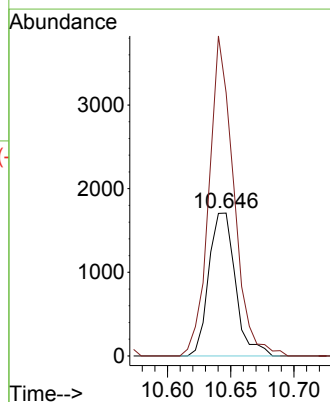
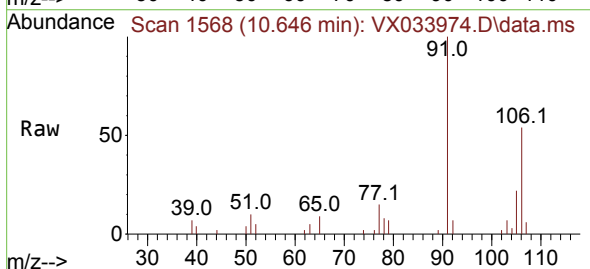
Instrument :
MSVOA_X
ClientSampleId :
IBLK

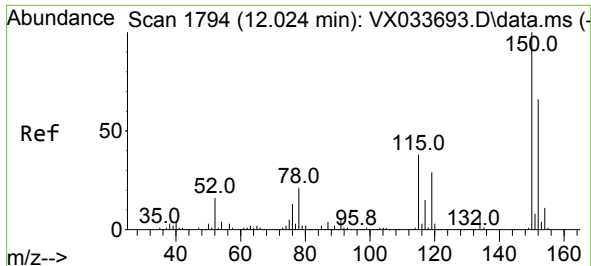
Tgt Ion:106 Resp: 6327
Ion Ratio Lower Upper
106 100
91 199.4 156.4 234.6



#69
o-Xylene
Concen: 0.848 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX033974.D
Acq: 31 Jan 2023 16:25

Tgt Ion:106 Resp: 2501
Ion Ratio Lower Upper
106 100
91 208.0 103.1 309.3

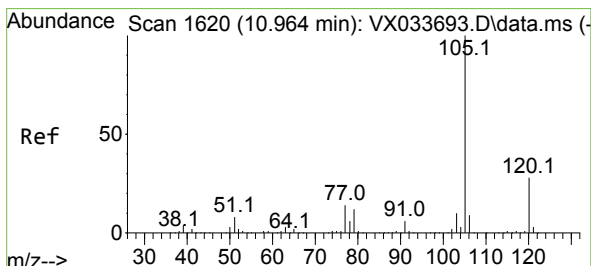
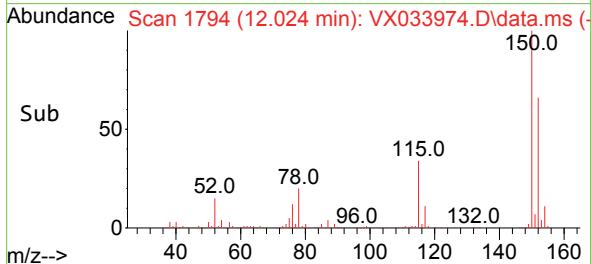
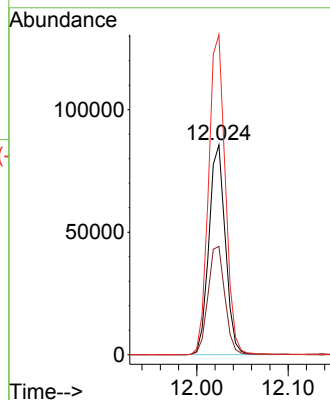
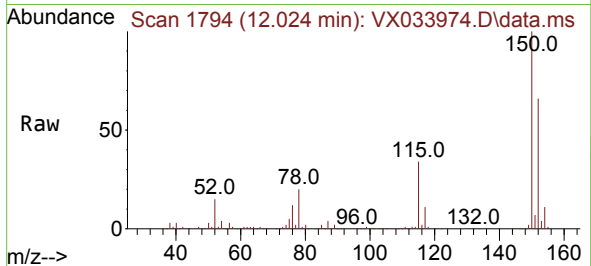




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033974.D
Acq: 31 Jan 2023 16:25

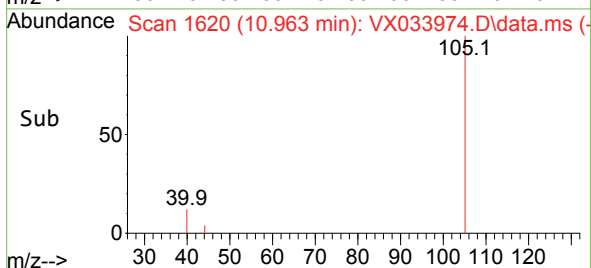
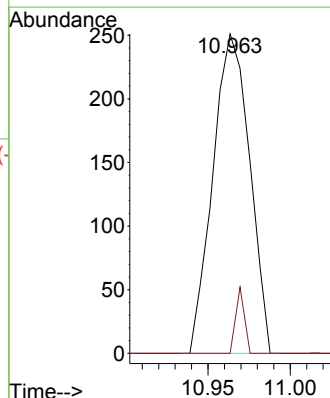
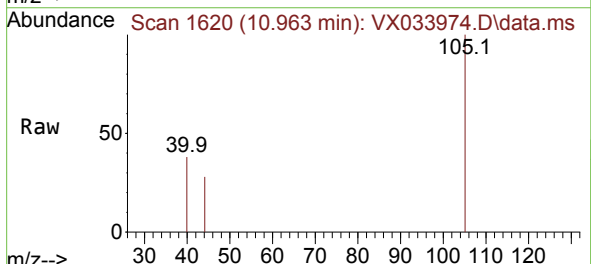
Instrument :
MSVOA_X
ClientSampleId :
IBLK

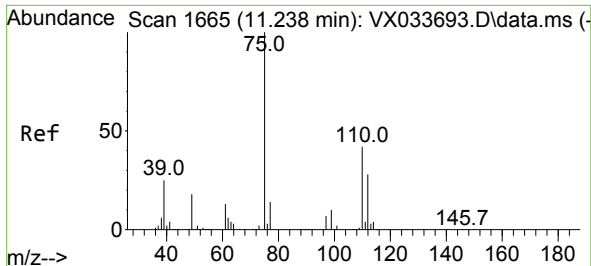
Tgt Ion:152 Resp: 106960
Ion Ratio Lower Upper
152 100
115 53.2 38.7 116.1
150 155.3 0.0 348.2



#73
Isopropylbenzene
Concen: Below Cal
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX033974.D
Acq: 31 Jan 2023 16:25

Tgt Ion:105 Resp: 390
Ion Ratio Lower Upper
105 100
120 4.9 13.6 40.8#

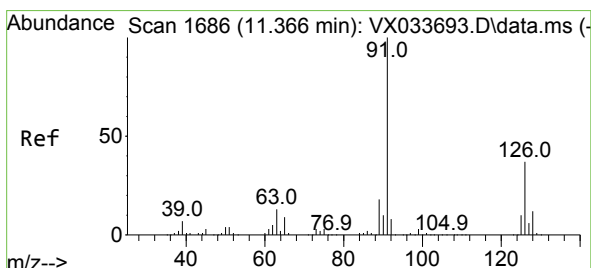
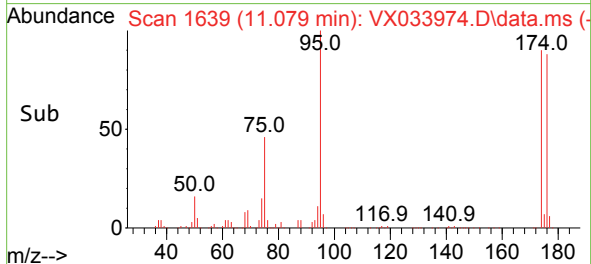
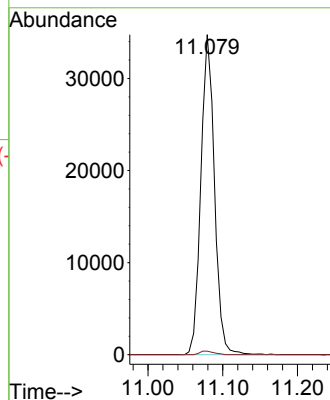
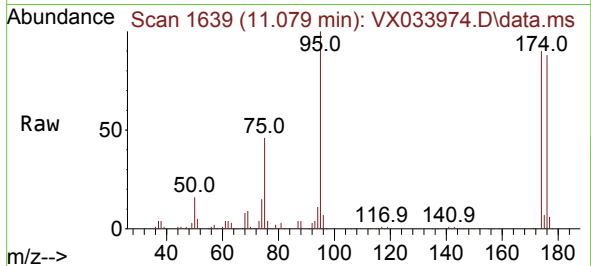




#76
1,2,3-Trichloropropane
Concen: 22.309 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033974.D
Acq: 31 Jan 2023 16:25

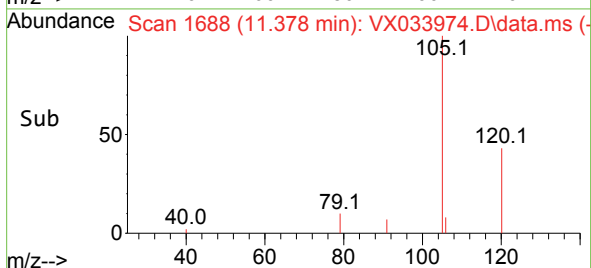
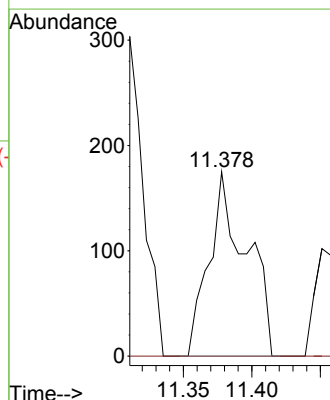
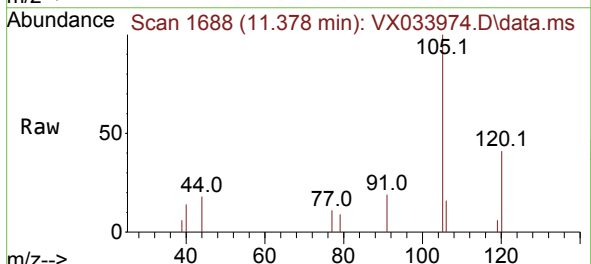
Instrument :
MSVOA_X
ClientSampleId :
IBLK

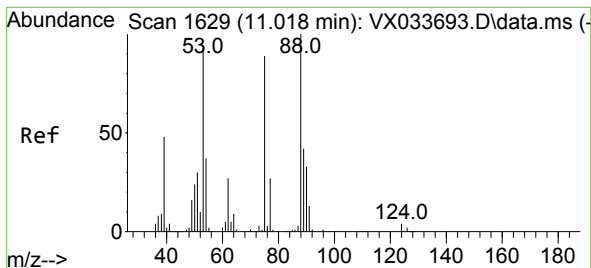
Tgt Ion: 75 Resp: 43843
Ion Ratio Lower Upper
75 100
77 1.2 21.8 65.4#



#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.378 min Scan# 1688
Delta R.T. 0.012 min
Lab File: VX033974.D
Acq: 31 Jan 2023 16:25

Tgt Ion: 91 Resp: 331
Ion Ratio Lower Upper
91 100
126 0.0 18.1 54.1#

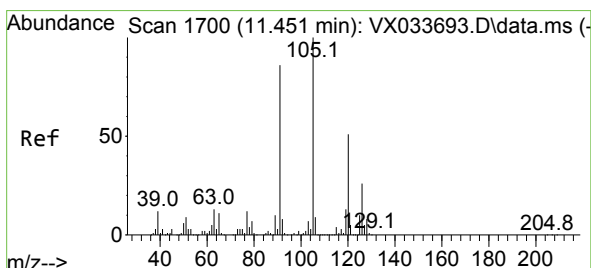
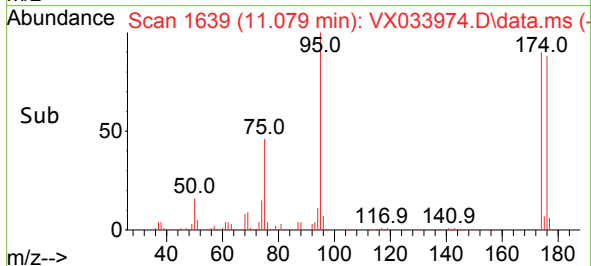
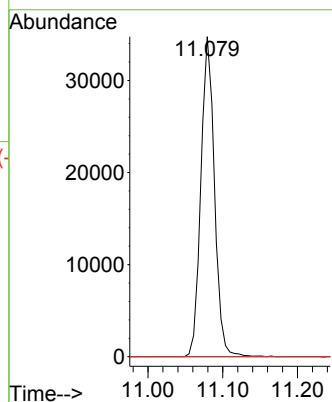
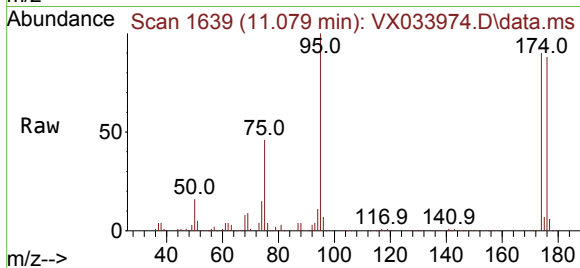




#81
trans-1,4-Dichloro-2-butene
Concen: 69.335 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033974.D
Acq: 31 Jan 2023 16:25

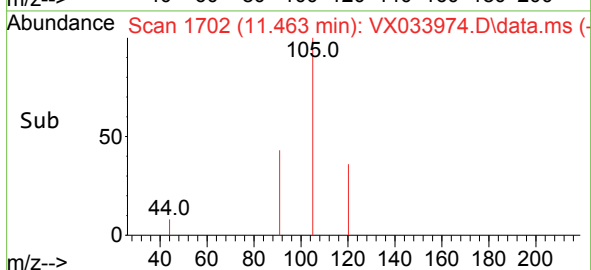
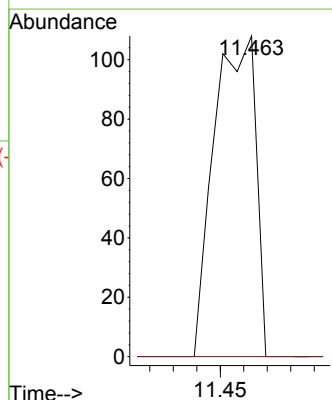
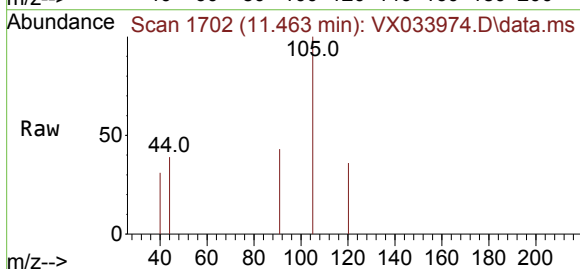
Instrument :
MSVOA_X
ClientSampleId :
IBLK

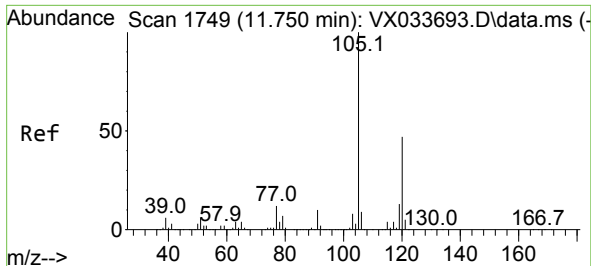
Tgt Ion: 75 Resp: 43843
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#



#82
4-Chlorotoluene
Concen: Below Cal
RT: 11.463 min Scan# 1702
Delta R.T. 0.012 min
Lab File: VX033974.D
Acq: 31 Jan 2023 16:25

Tgt Ion: 91 Resp: 133
Ion Ratio Lower Upper
91 100
126 0.0 15.8 47.4#

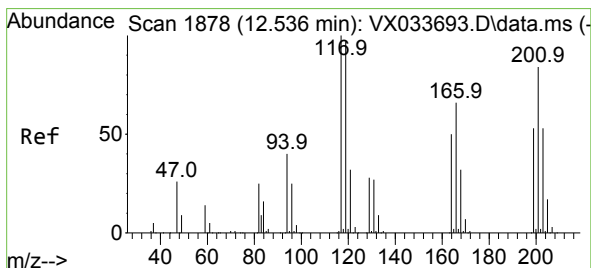
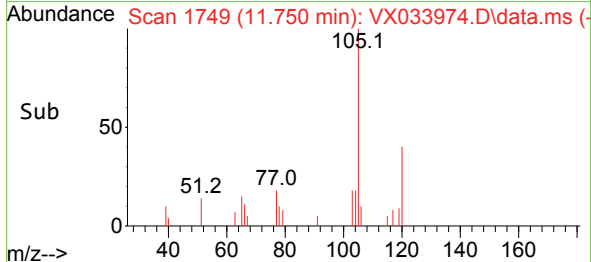
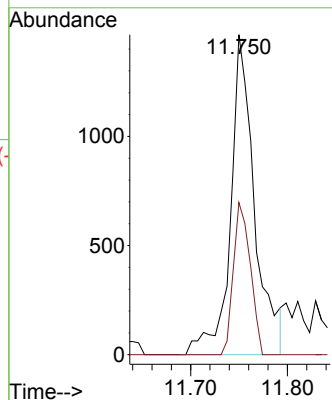
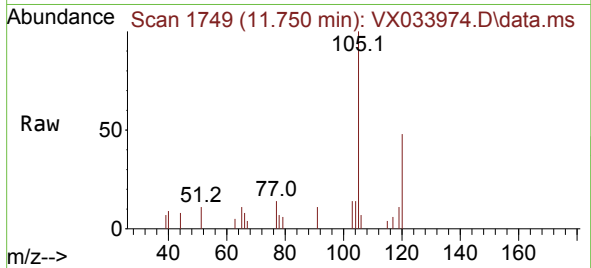




#84
1,2,4-Trimethylbenzene
Concen: 0.415 ug/l
RT: 11.750 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033974.D
Acq: 31 Jan 2023 16:25

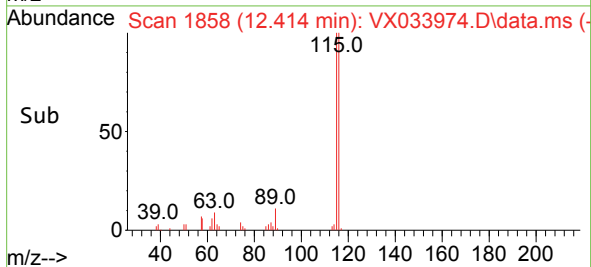
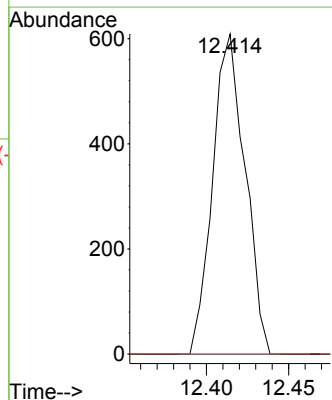
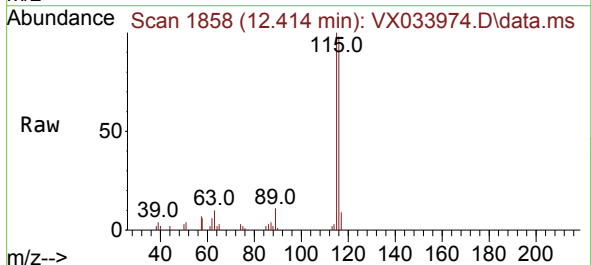
Instrument :
MSVOA_X
ClientSampleId :
IBLK

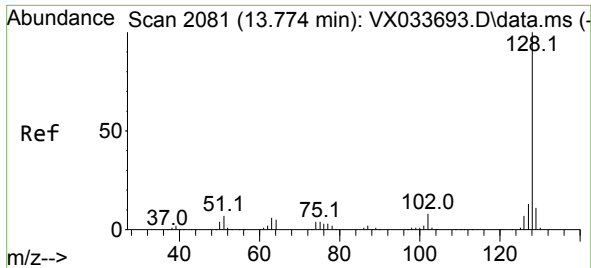
Tgt Ion:105 Resp: 2525
Ion Ratio Lower Upper
105 100
120 33.5 23.4 70.2



#90
Hexachloroethane
Concen: 0.776 ug/l
RT: 12.414 min Scan# 1858
Delta R.T. -0.122 min
Lab File: VX033974.D
Acq: 31 Jan 2023 16:25

Tgt Ion:117 Resp: 835
Ion Ratio Lower Upper
117 100
201 0.0 45.1 135.3#





#95

Naphthalene

Concen: 6.609 ug/l

RT: 13.774 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX033974.D

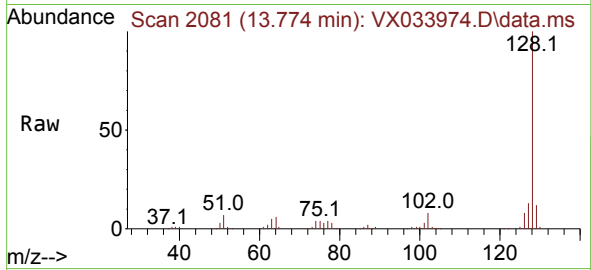
Acq: 31 Jan 2023 16:25

Instrument :

MSVOA_X

ClientSampleId :

IBLK



Tgt Ion:128 Resp: 44667

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 11.2 8.7 13.1

