

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040523\
 Data File : VX034941.D
 Acq On : 05 Apr 2023 10:10
 Operator : JC/MD
 Sample : VX0405MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405MBL01

Quant Time: Apr 06 02:09:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

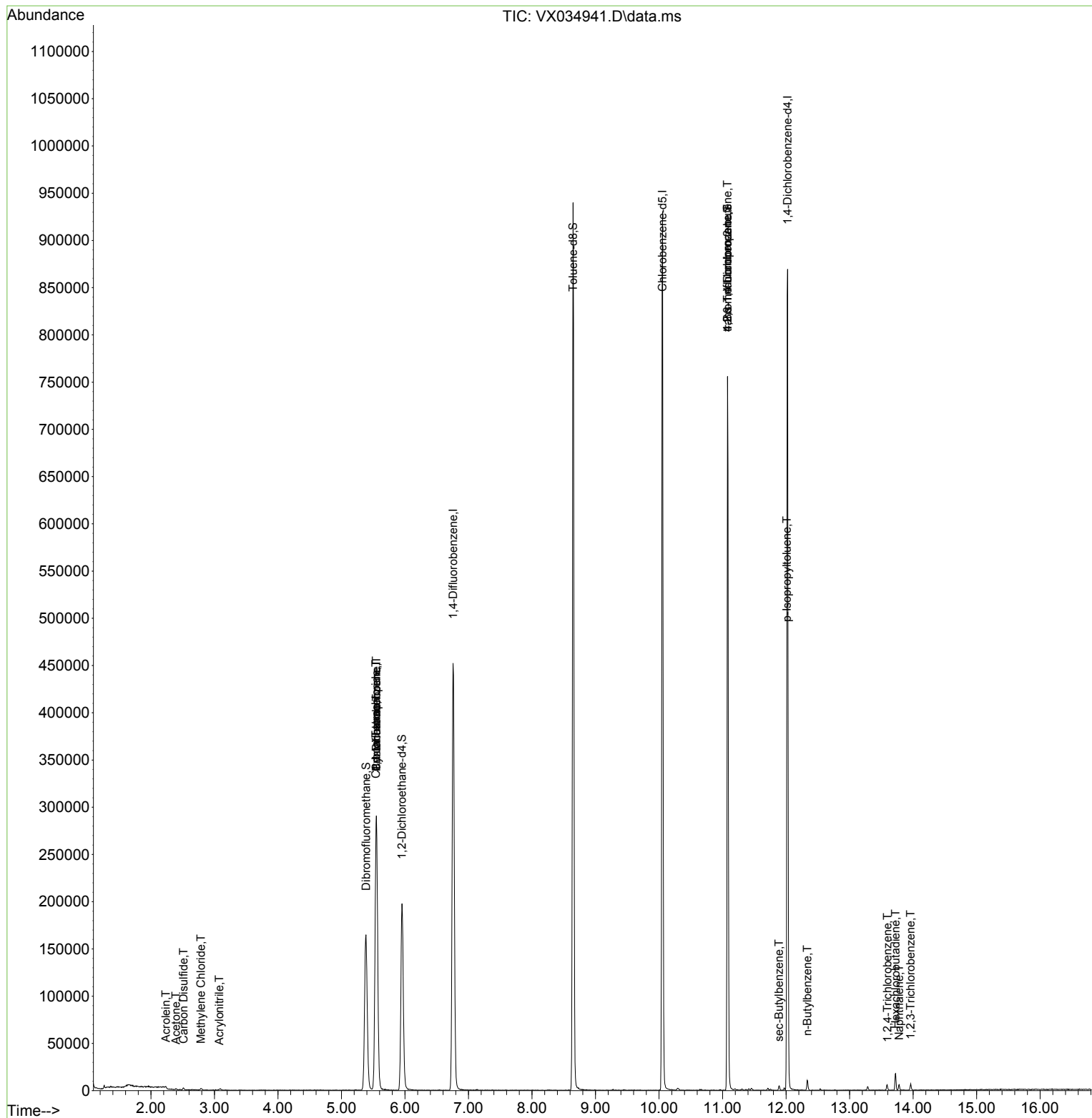
Internal Standards						
1) Pentafluorobenzene	5.549	168	260941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	442619	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	397423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	197835	49.574	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.140%
35) Dibromofluoromethane	5.385	113	144600	49.392	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.780%
50) Toluene-d8	8.646	98	531061	49.146	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.300%
62) 4-Bromofluorobenzene	11.079	95	203161	48.585	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.160%
Target Compounds						
					Qvalue	
13) Acrolein	2.233	56	584	0.810	ug/l	100
15) Acrylonitrile	3.074	53	727	0.461	ug/l #	86
16) Acetone	2.391	43	1096	0.676	ug/l	98
17) Carbon Disulfide	2.513	76	2345	0.350	ug/l #	87
20) Methylene Chloride	2.788	84	891	0.279	ug/l #	72
31) Cyclohexane	5.549	56	6431	1.323	ug/l #	22
36) 1,1-Dichloropropene	5.549	75	23677	5.459	ug/l #	51
38) Carbon Tetrachloride	5.543	117	29449	7.202	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	110097	31.255	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	110097	93.668	ug/l #	8
85) sec-Butylbenzene	11.890	105	2808	0.230	ug/l	100
86) p-Isopropyltoluene	12.012	119	2119	0.208	ug/l #	68
89) n-Butylbenzene	12.335	91	4388	0.492	ug/l	95
93) 1,2,4-Trichlorobenzene	13.597	180	1822	0.557	ug/l	95
94) Hexachlorobutadiene	13.725	225	2383	1.655	ug/l	94
95) Naphthalene	13.780	128	4210	0.362	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	1532	0.464	ug/l	89

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

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Quant Time: Apr 06 02:09:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration

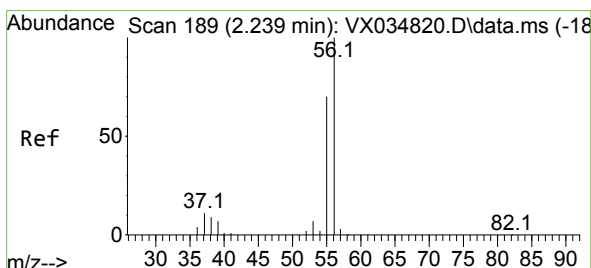
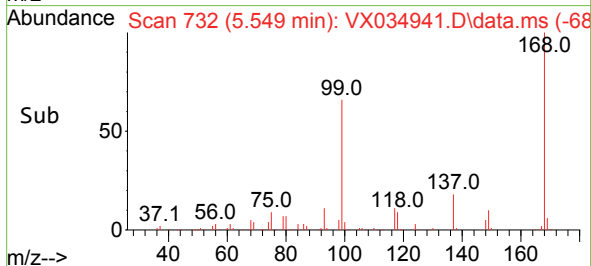
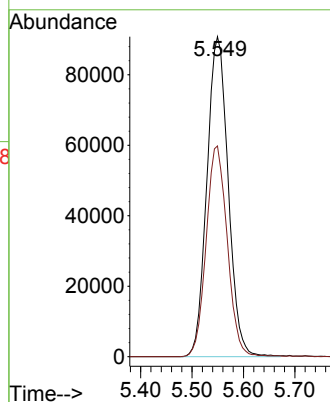
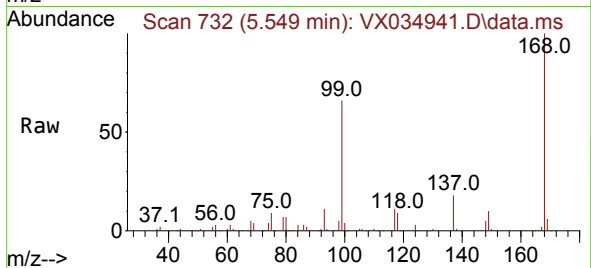




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX034941.D
Acq: 05 Apr 2023 10:10

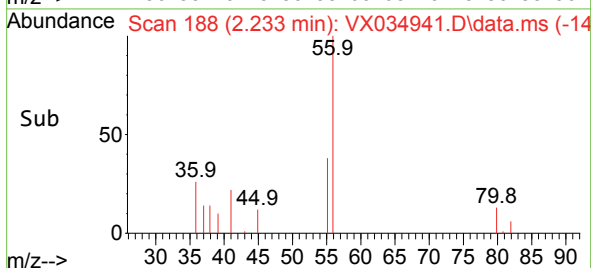
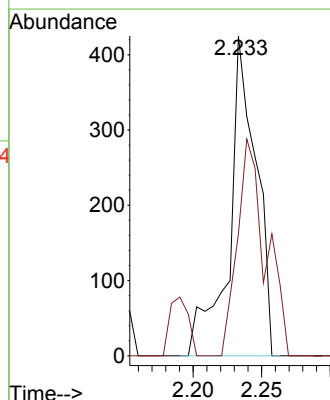
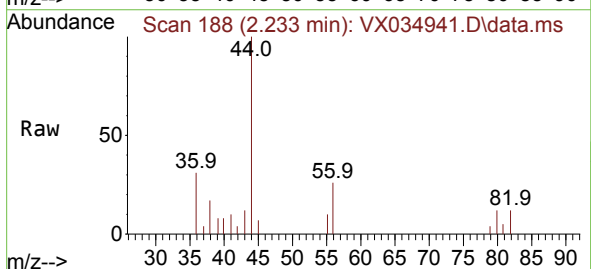
Instrument :
MSVOA_X
ClientSampleId :
VX0405MBL01

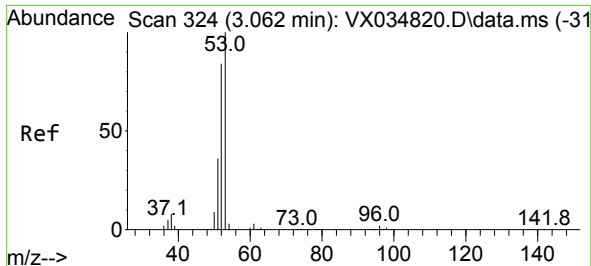
Tgt Ion:168 Resp: 260941
Ion Ratio Lower Upper
168 100
99 65.8 45.7 68.5



#13
Acrolein
Concen: 0.810 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX034941.D
Acq: 05 Apr 2023 10:10

Tgt Ion: 56 Resp: 584
Ion Ratio Lower Upper
56 100
55 70.7 56.6 85.0

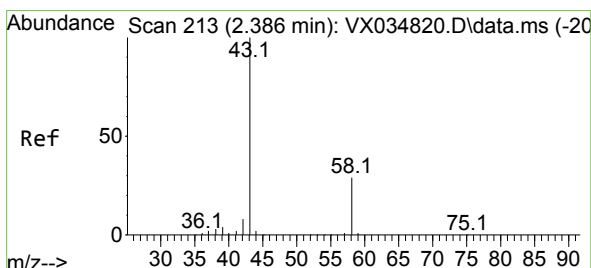
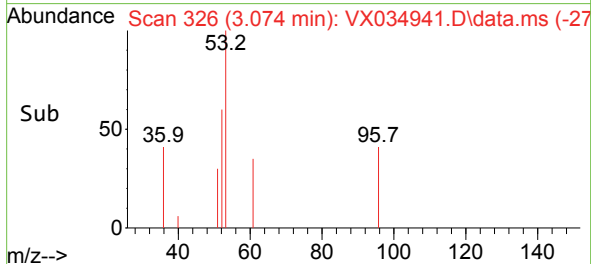
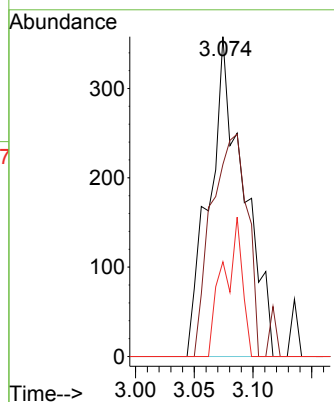
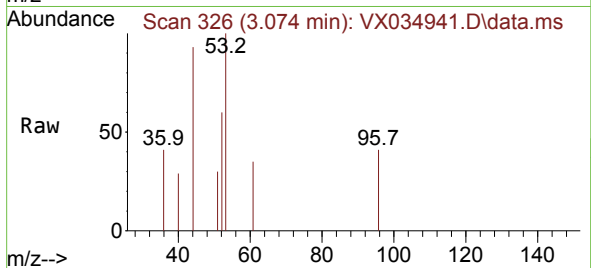




#15
Acrylonitrile
Concen: 0.461 ug/l
RT: 3.074 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX034941.D
Acq: 05 Apr 2023 10:10

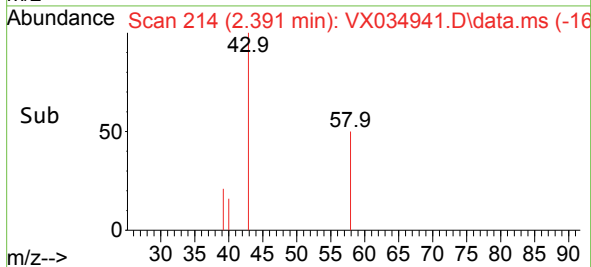
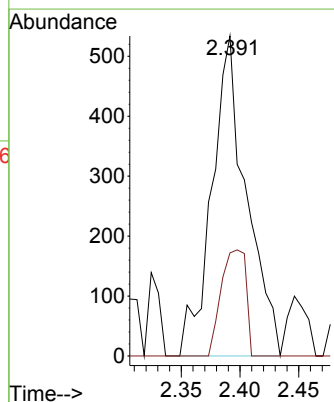
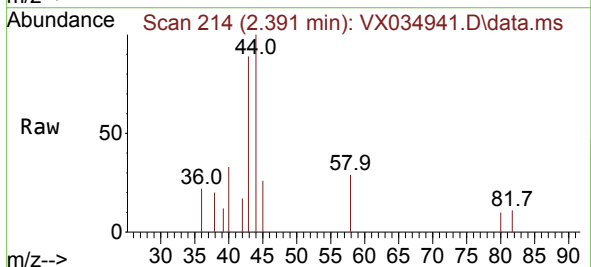
Instrument :
MSVOA_X
ClientSampleId :
VX0405MBL01

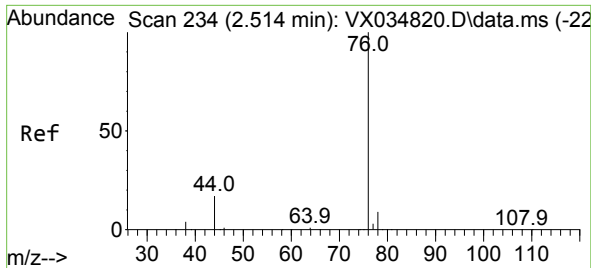
Tgt Ion: 53 Resp: 727
Ion Ratio Lower Upper
53 100
52 72.8 66.2 99.2
51 23.9 28.3 42.5#



#16
Acetone
Concen: 0.676 ug/l
RT: 2.391 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX034941.D
Acq: 05 Apr 2023 10:10

Tgt Ion: 43 Resp: 1096
Ion Ratio Lower Upper
43 100
58 32.2 24.7 37.1





#17

Carbon Disulfide

Concen: 0.350 ug/l

RT: 2.513 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX034941.D

Acq: 05 Apr 2023 10:10

Instrument :

MSVOA_X

ClientSampleId :

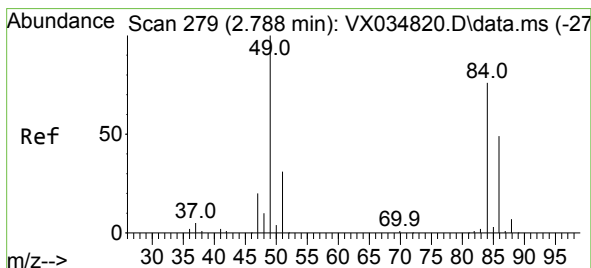
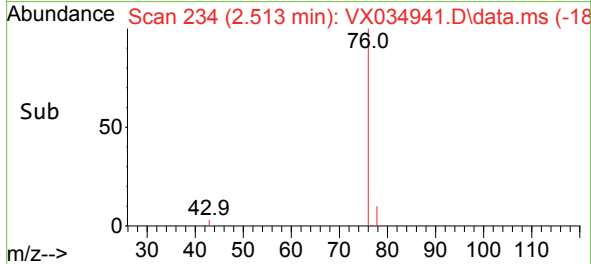
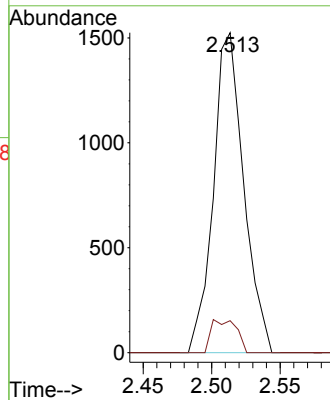
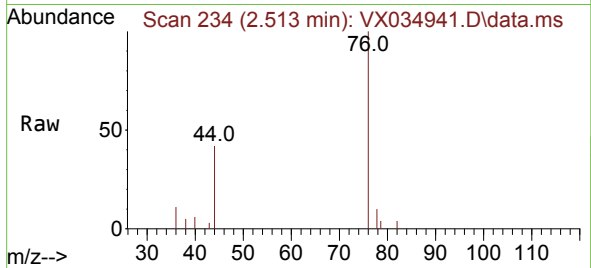
VX0405MBL01

Tgt Ion: 76 Resp: 2345

Ion Ratio Lower Upper

76 100

78 13.8 7.2 10.8#



#20

Methylene Chloride

Concen: 0.279 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX034941.D

Acq: 05 Apr 2023 10:10

Tgt Ion: 84 Resp: 891

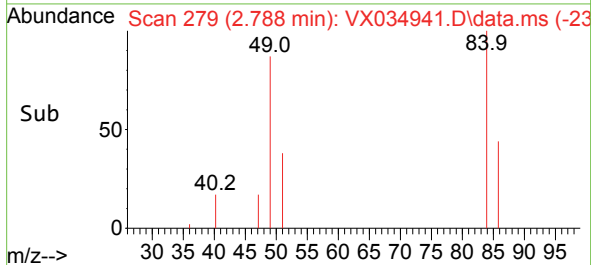
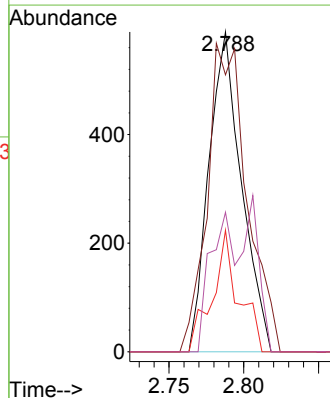
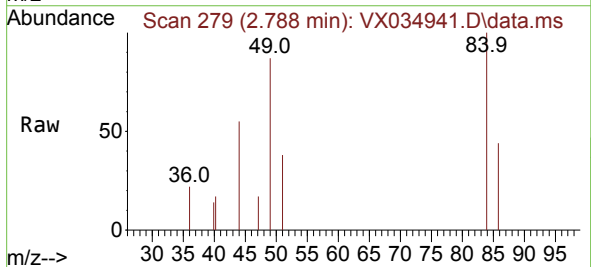
Ion Ratio Lower Upper

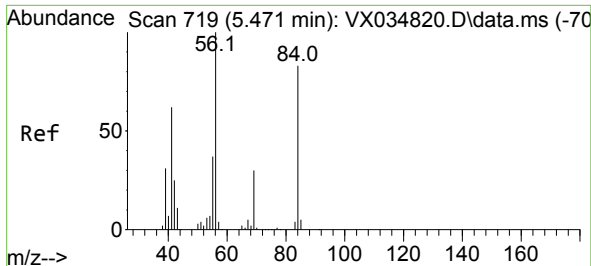
84 100

49 86.6 103.8 155.8#

51 38.0 31.8 47.8

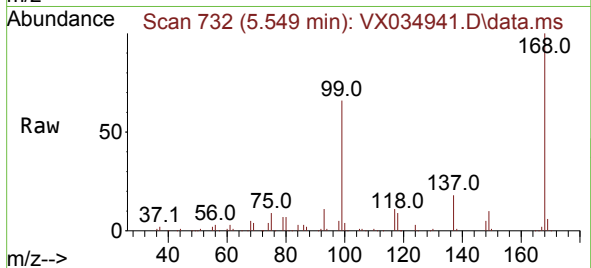
86 43.6 51.4 77.2#



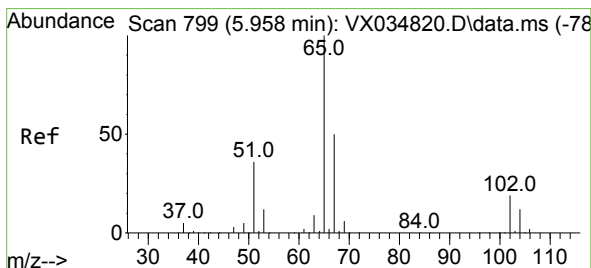
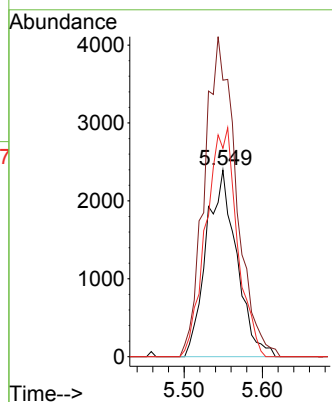
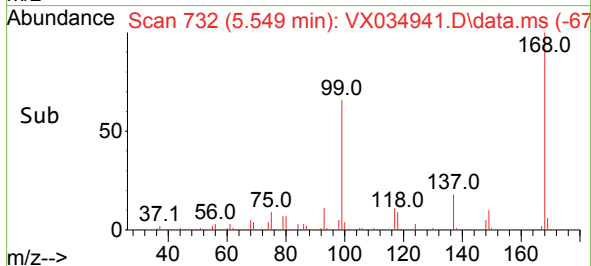


#31
Cyclohexane
Concen: 1.323 ug/l
RT: 5.549 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX034941.D
Acq: 05 Apr 2023 10:10

Instrument :
MSVOA_X
ClientSampleId :
VX0405MBL01

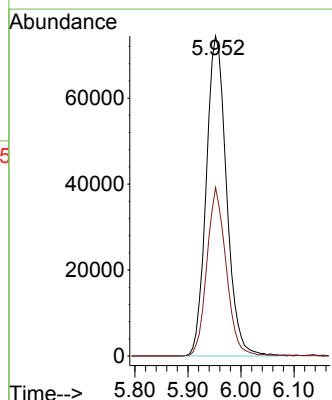
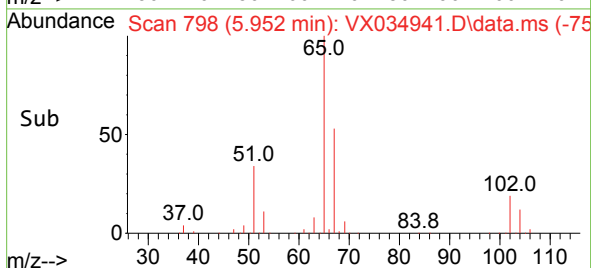
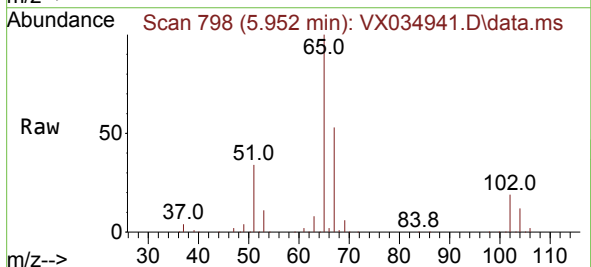


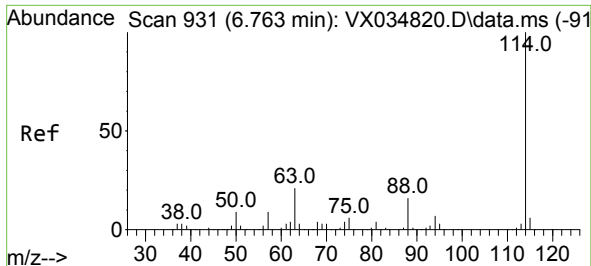
Tgt Ion: 56 Resp: 6431
Ion Ratio Lower Upper
56 100
69 148.2 23.7 35.5#
84 111.7 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 49.574 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX034941.D
Acq: 05 Apr 2023 10:10

Tgt Ion: 65 Resp: 197835
Ion Ratio Lower Upper
65 100
67 50.1 0.0 104.0

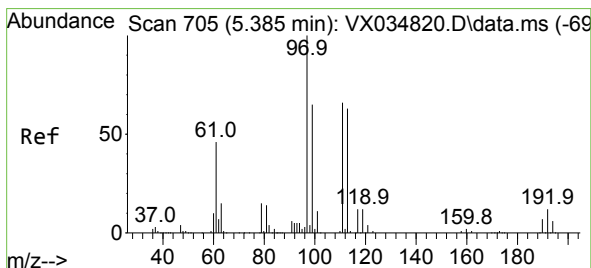
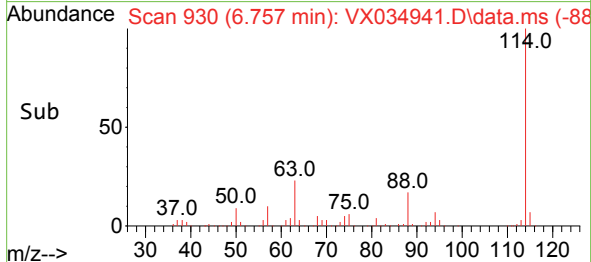
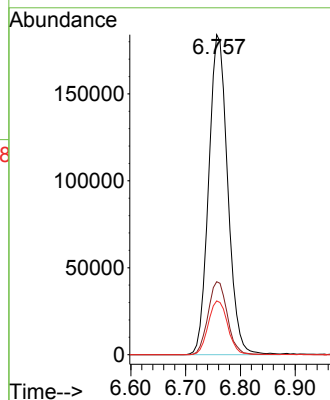
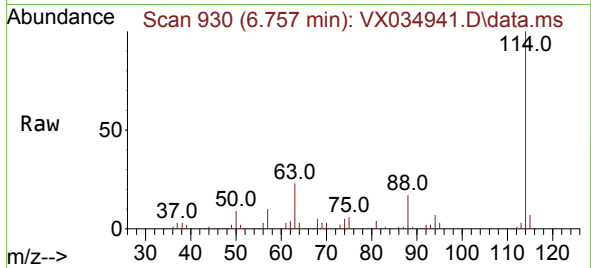




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX034941.D
Acq: 05 Apr 2023 10:10

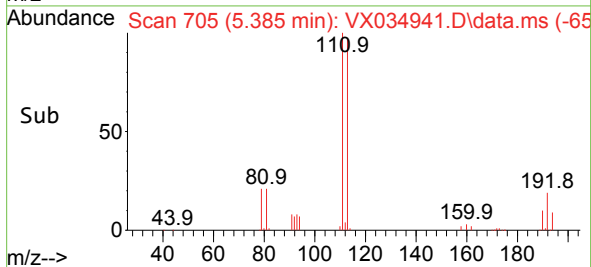
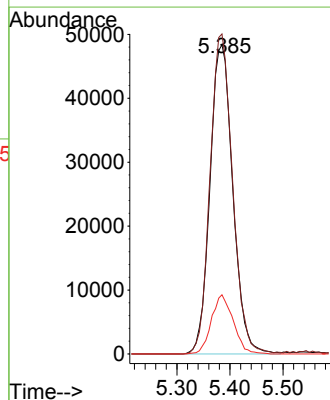
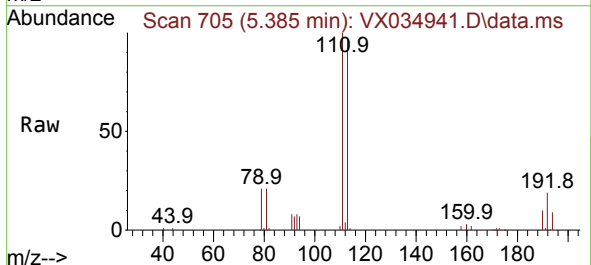
Instrument :
MSVOA_X
ClientSampleId :
VX0405MBL01

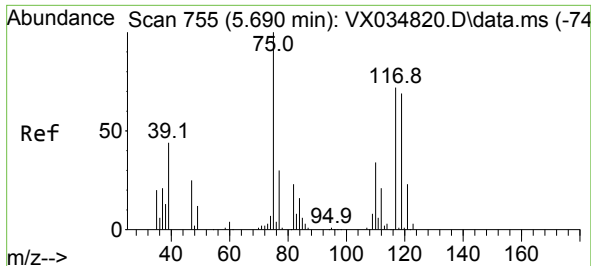
Tgt Ion:114 Resp: 442619
Ion Ratio Lower Upper
114 100
63 22.8 0.0 42.2
88 16.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.392 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034941.D
Acq: 05 Apr 2023 10:10

Tgt Ion:113 Resp: 144600
Ion Ratio Lower Upper
113 100
111 102.1 83.7 125.5
192 18.3 15.4 23.2

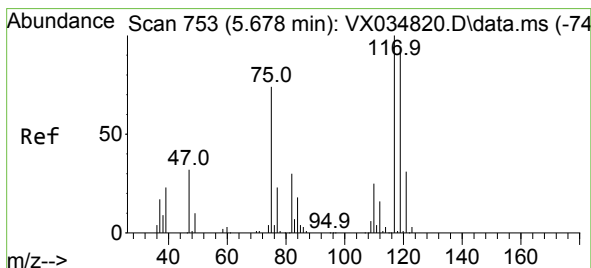
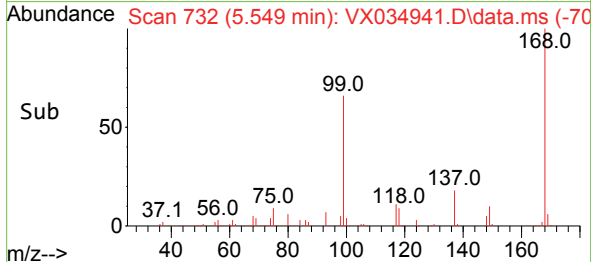
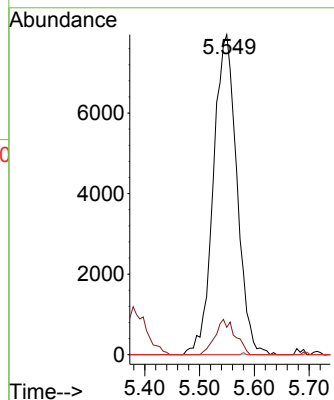
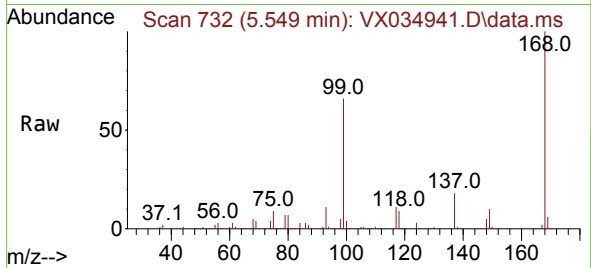




#36
1,1-Dichloropropene
Concen: 5.459 ug/l
RT: 5.549 min Scan# 711
Delta R.T. -0.141 min
Lab File: VX034941.D
Acq: 05 Apr 2023 10:10

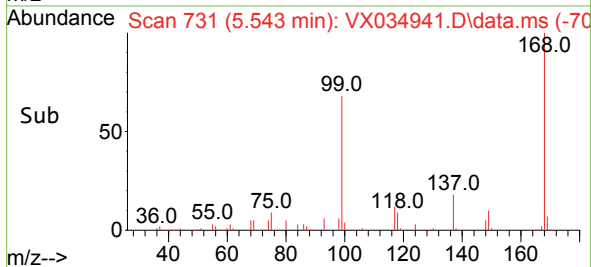
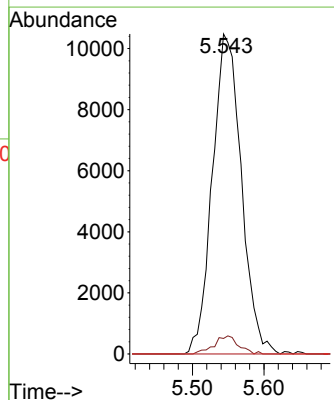
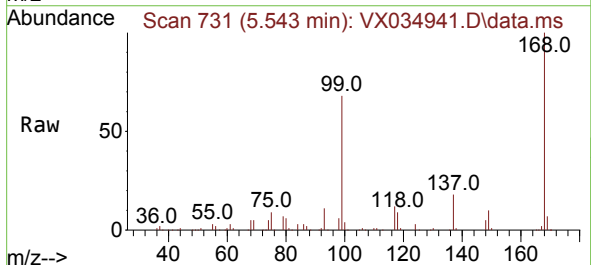
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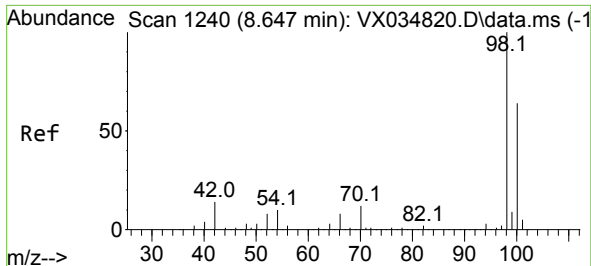
Tgt Ion: 75 Resp: 23677
Ion Ratio Lower Upper
75 100
110 9.5 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 7.202 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX034941.D
Acq: 05 Apr 2023 10:10

Tgt Ion: 117 Resp: 29449
Ion Ratio Lower Upper
117 100
119 4.9 76.6 114.8#
121 0.0 23.8 35.6#

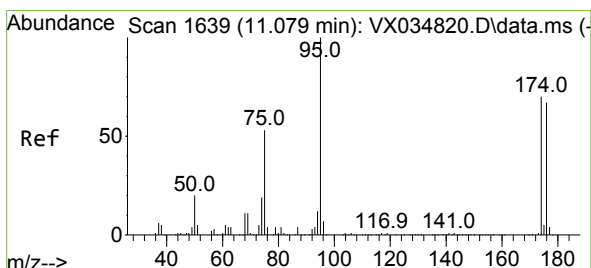
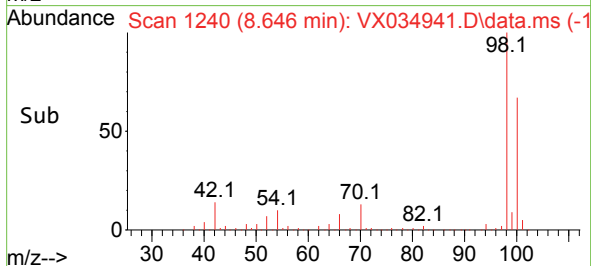
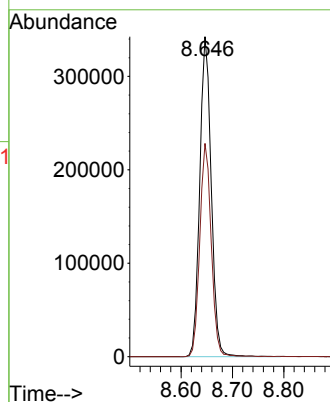
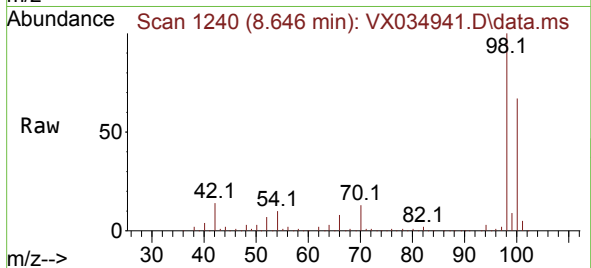




#50
Toluene-d8
Concen: 49.146 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034941.D
Acq: 05 Apr 2023 10:10

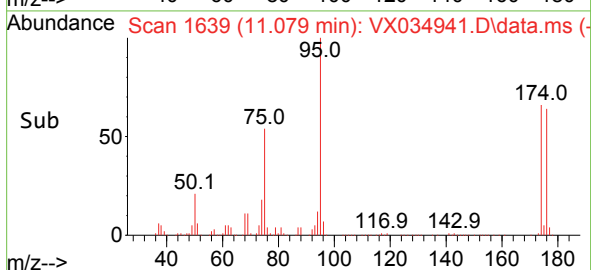
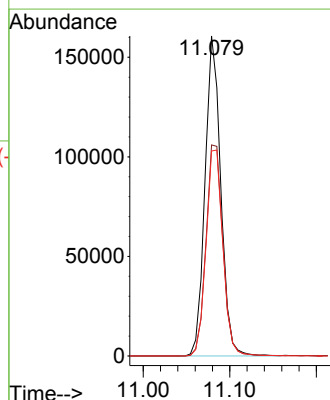
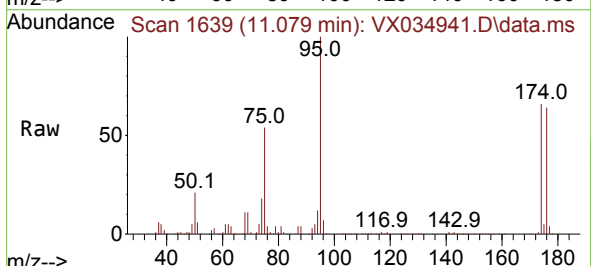
Instrument :
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VX0405MBL01

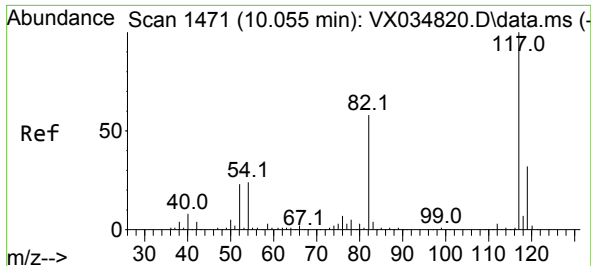
Tgt Ion: 98 Resp: 531061
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 48.585 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034941.D
Acq: 05 Apr 2023 10:10

Tgt Ion: 95 Resp: 203161
Ion Ratio Lower Upper
95 100
174 70.7 0.0 147.4
176 69.0 0.0 140.6

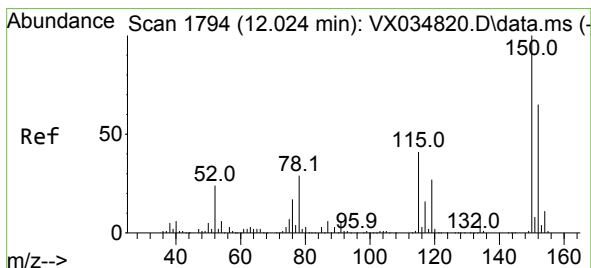
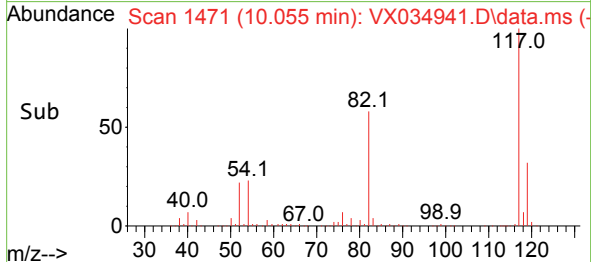
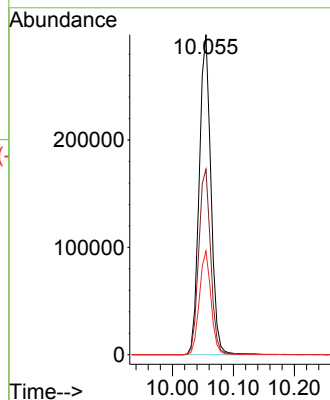
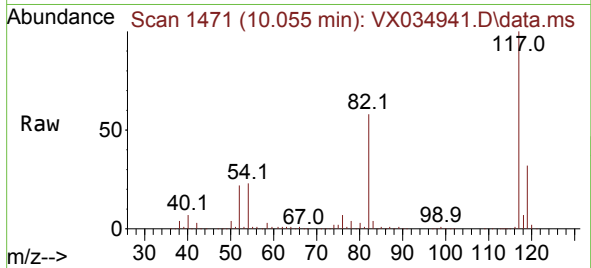




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034941.D
Acq: 05 Apr 2023 10:10

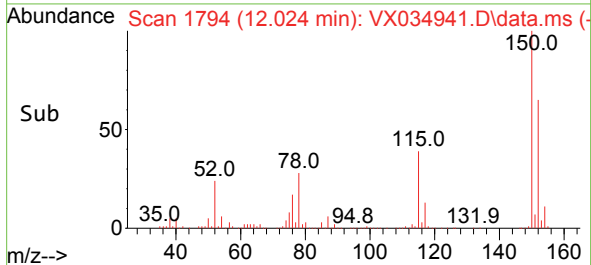
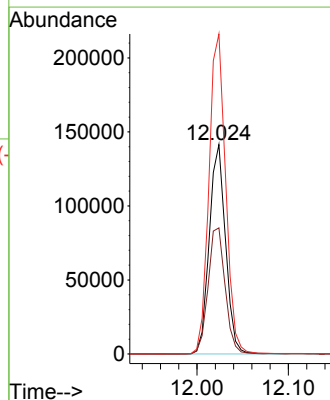
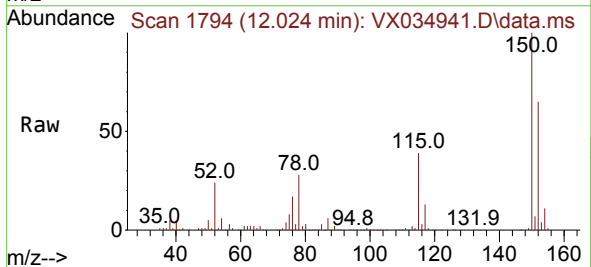
Instrument :
MSVOA_X
ClientSampleId :
VX0405MBL01

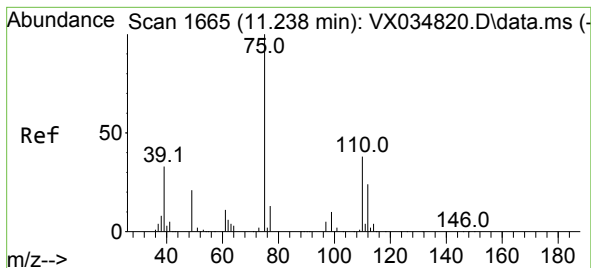
Tgt Ion:117 Resp: 397423
Ion Ratio Lower Upper
117 100
82 57.9 45.0 67.4
119 32.4 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034941.D
Acq: 05 Apr 2023 10:10

Tgt Ion:152 Resp: 174824
Ion Ratio Lower Upper
152 100
115 63.0 45.0 135.0
150 157.1 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 31.255 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034941.D

Acq: 05 Apr 2023 10:10

Instrument :

MSVOA_X

ClientSampleId :

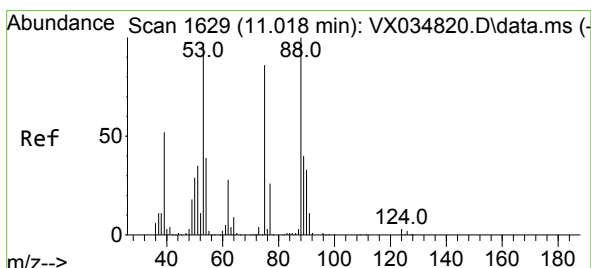
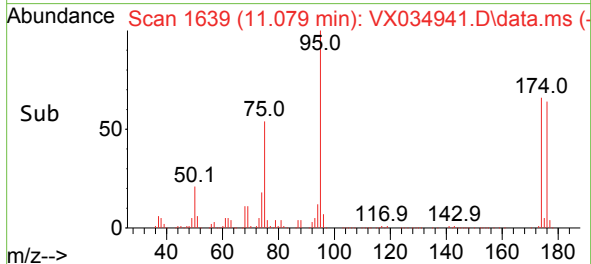
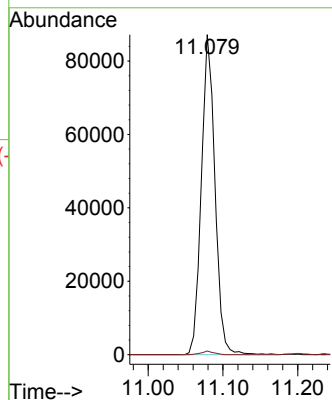
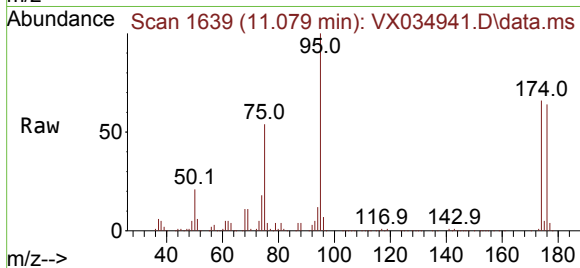
VX0405MBL01

Tgt Ion: 75 Resp: 110097

Ion Ratio Lower Upper

75 100

77 1.0 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 93.668 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX034941.D

Acq: 05 Apr 2023 10:10

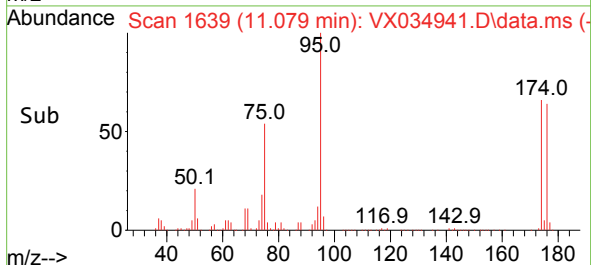
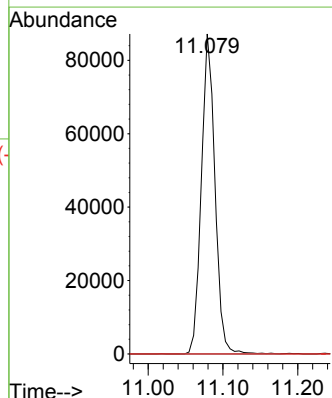
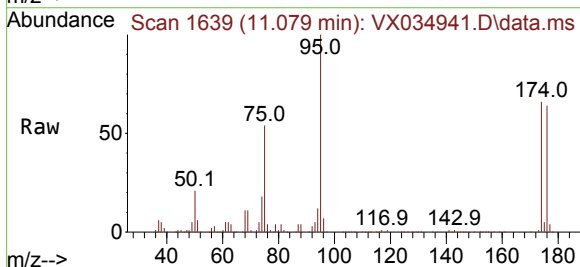
Tgt Ion: 75 Resp: 110097

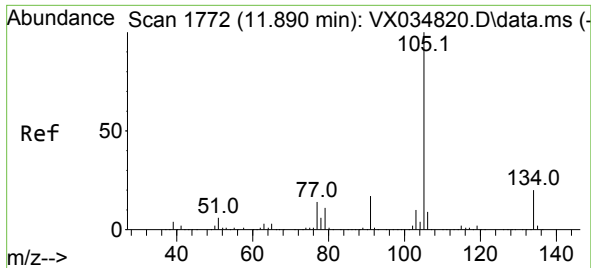
Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

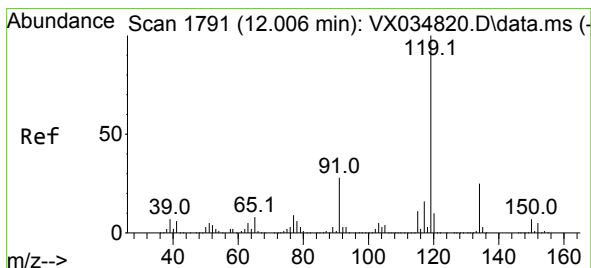
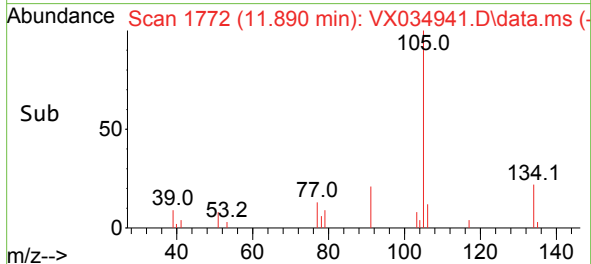
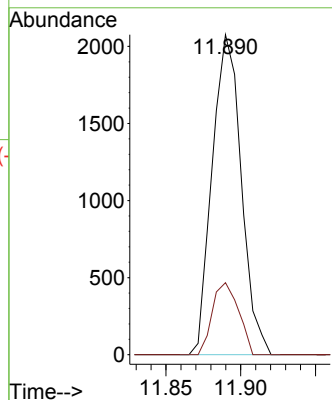
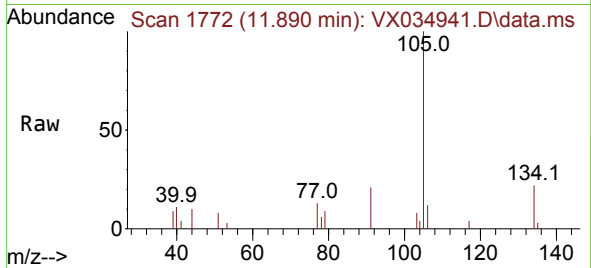




#85
 sec-Butylbenzene
 Concen: 0.230 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX034941.D
 Acq: 05 Apr 2023 10:10

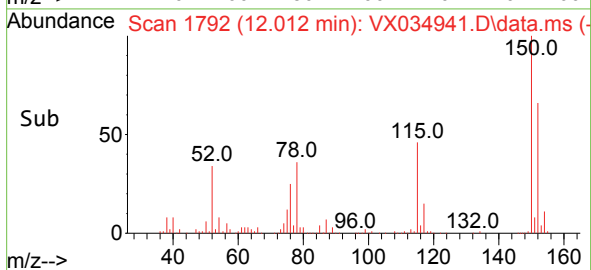
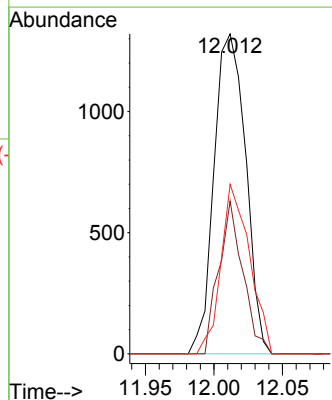
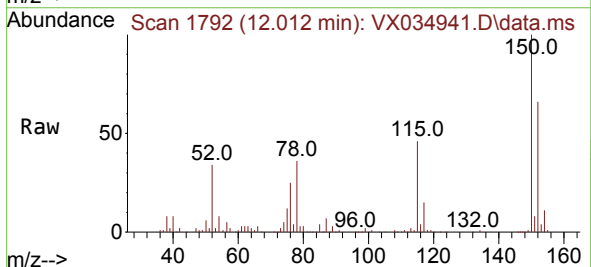
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405MBL01

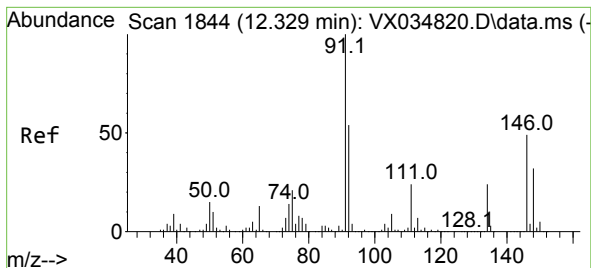
Tgt Ion:105 Resp: 2808
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 0.208 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX034941.D
 Acq: 05 Apr 2023 10:10

Tgt Ion:119 Resp: 2119
 Ion Ratio Lower Upper
 119 100
 134 36.4 13.2 39.5
 91 48.3 12.9 38.7#





#89

n-Butylbenzene

Concen: 0.492 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX034941.D

Acq: 05 Apr 2023 10:10

Instrument :

MSVOA_X

ClientSampleId :

VX0405MBL01

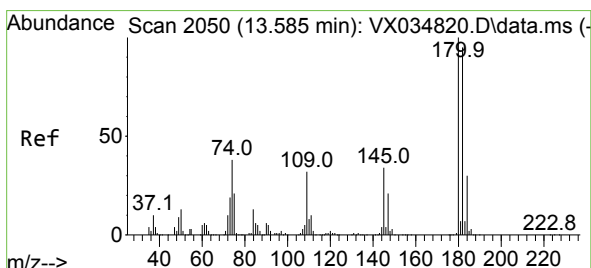
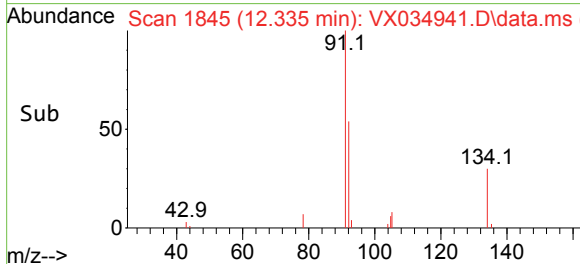
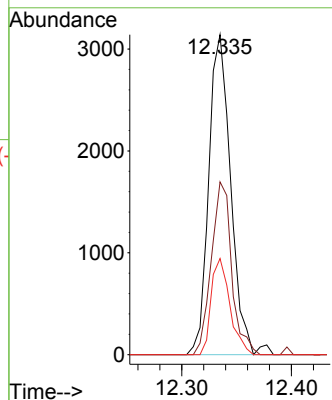
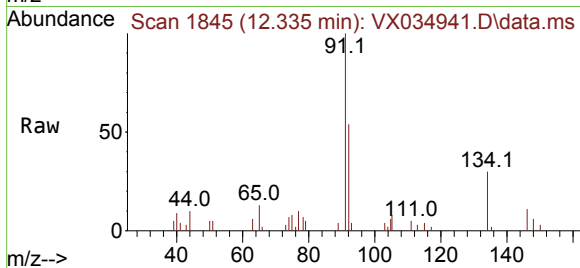
Tgt Ion: 91 Resp: 4388

Ion Ratio Lower Upper

91 100

92 50.0 27.7 83.0

134 25.5 13.0 38.9



#93

1,2,4-Trichlorobenzene

Concen: 0.557 ug/l

RT: 13.597 min Scan# 2052

Delta R.T. 0.012 min

Lab File: VX034941.D

Acq: 05 Apr 2023 10:10

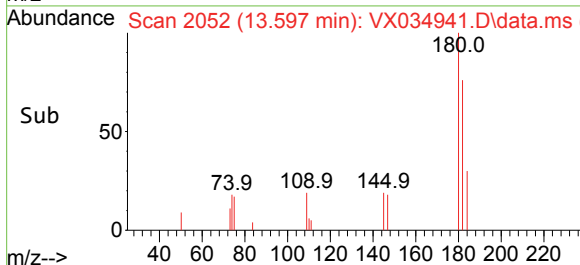
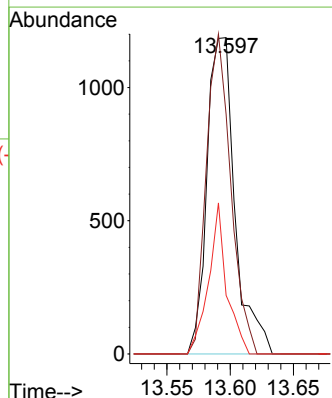
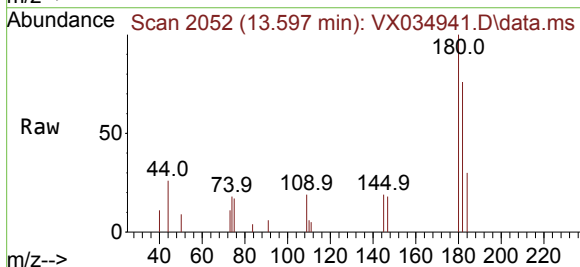
Tgt Ion:180 Resp: 1822

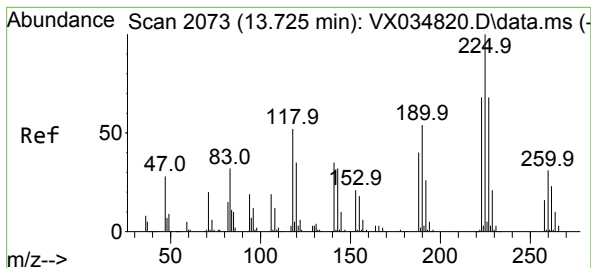
Ion Ratio Lower Upper

180 100

182 88.6 47.0 141.0

145 31.0 15.9 47.7





#94

Hexachlorobutadiene

Concen: 1.655 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX034941.D

Acq: 05 Apr 2023 10:10

Instrument :

MSVOA_X

ClientSampleId :

VX0405MBL01

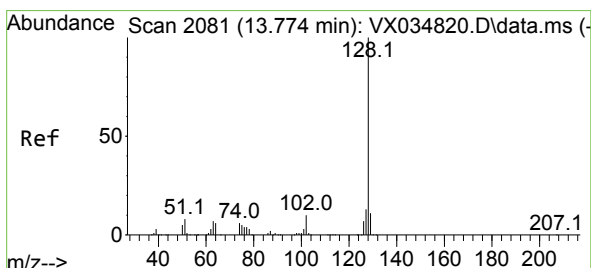
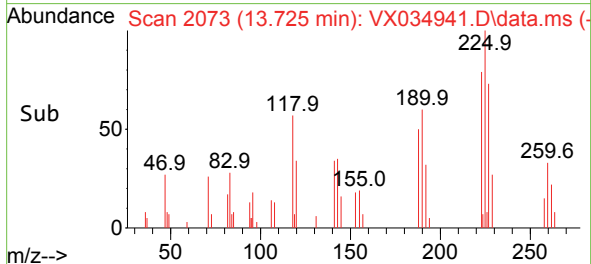
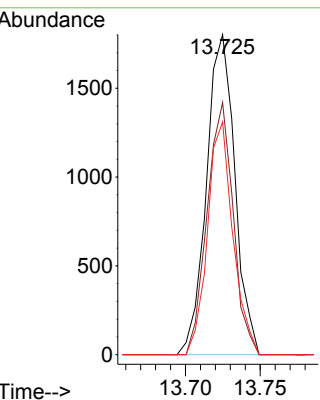
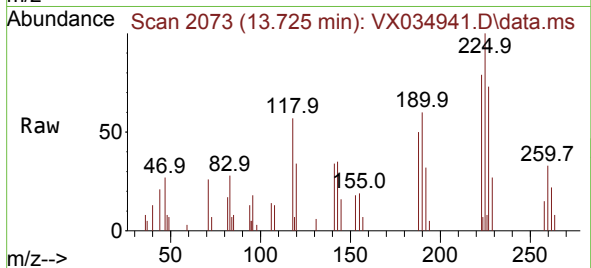
Tgt Ion:225 Resp: 2383

Ion Ratio Lower Upper

225 100

223 72.3 32.1 96.5

227 64.9 31.8 95.4



#95

Naphthalene

Concen: 0.362 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX034941.D

Acq: 05 Apr 2023 10:10

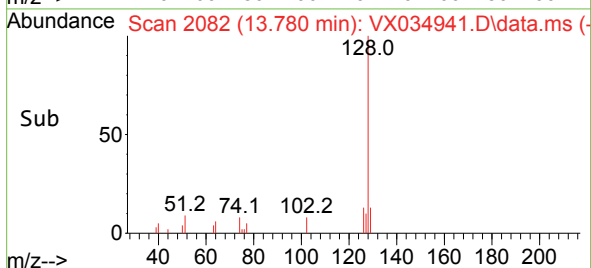
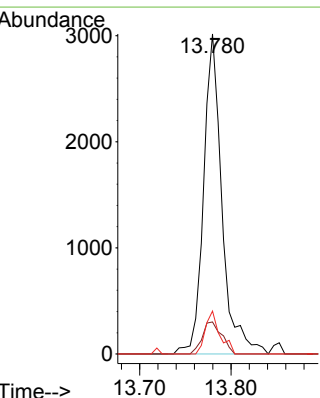
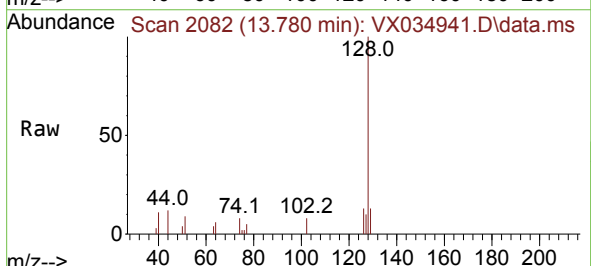
Tgt Ion:128 Resp: 4210

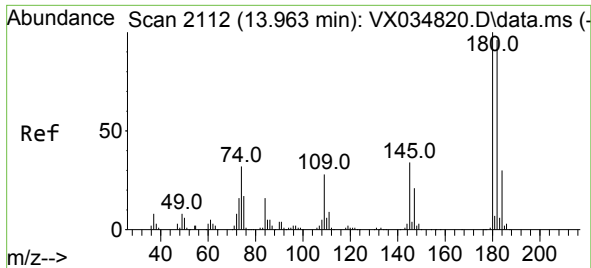
Ion Ratio Lower Upper

128 100

127 10.6 10.2 15.4

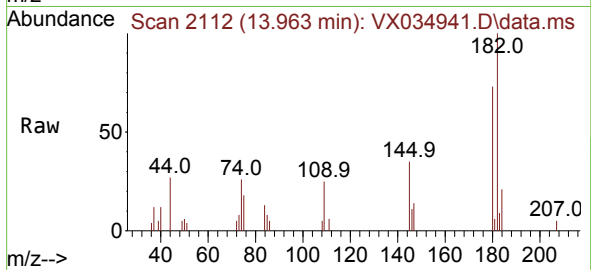
129 10.6 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.464 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX034941.D
 Acq: 05 Apr 2023 10:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405MBL01



Tgt Ion:180 Resp: 1532
 Ion Ratio Lower Upper
 180 100
 182 110.4 48.0 144.2
 145 36.9 17.7 53.1

