

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032423\
 Data File : VX034723.D
 Acq On : 24 Mar 2023 16:05
 Operator : JC/MD
 Sample : 02052-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 27 01:32:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

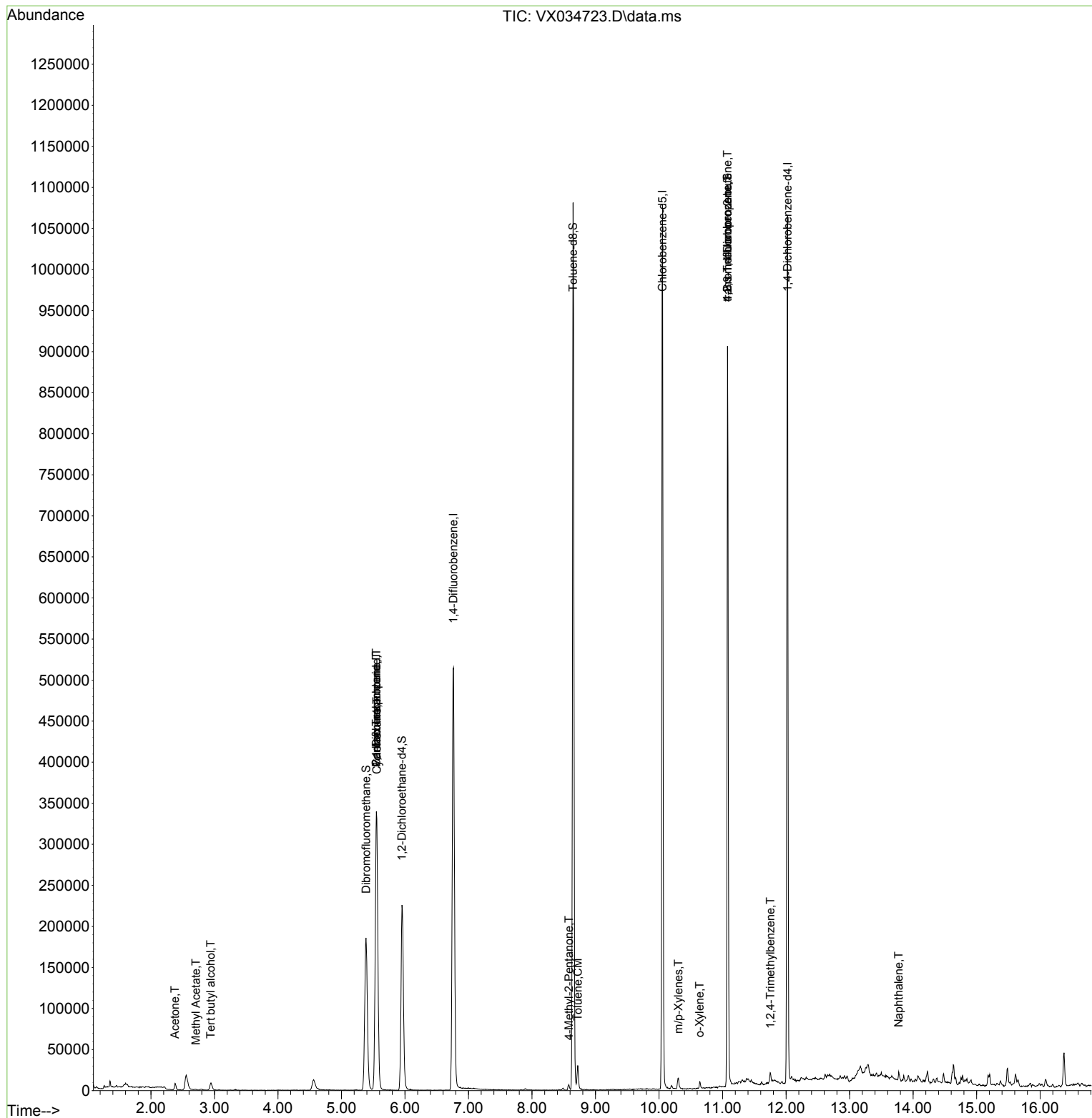
Internal Standards						
1) Pentafluorobenzene	5.550	168	310503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	520286	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	471484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	217776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	222636	49.286	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.580%
35) Dibromofluoromethane	5.385	113	162791	47.389	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.780%
50) Toluene-d8	8.647	98	626261	48.836	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.680%
62) 4-Bromofluorobenzene	11.079	95	244047	47.115	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.240%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	443	Below Cal	#	42
11) Tert butyl alcohol	2.940	59	6712	7.135	ug/l #	73
16) Acetone	2.380	43	9132	4.292	ug/l	95
18) Methyl Acetate	2.709	43	1563	0.225	ug/l #	64
31) Cyclohexane	5.556	56	7353	1.161	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	26172	4.960	ug/l #	50
38) Carbon Tetrachloride	5.550	117	34127	6.502	ug/l #	16
51) 4-Methyl-2-Pentanone	8.580	43	4146	0.732	ug/l	94
52) Toluene	8.720	92	10886	1.139	ug/l	93
68) m/p-Xylenes	10.305	106	3429	0.482	ug/l	97
69) o-Xylene	10.640	106	2010	0.282	ug/l	80
76) 1,2,3-Trichloropropane	11.079	75	127066	25.411	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	127066	68.745	ug/l #	8
84) 1,2,4-Trimethylbenzene	11.756	105	5413	0.375	ug/l	99
95) Naphthalene	13.774	128	6791	0.424	ug/l	97

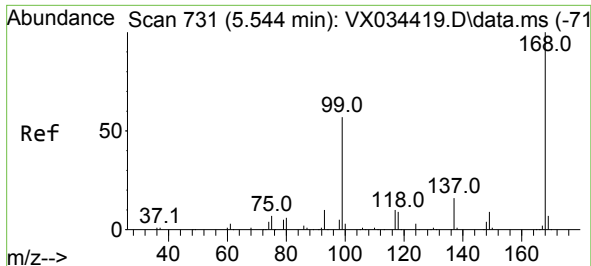
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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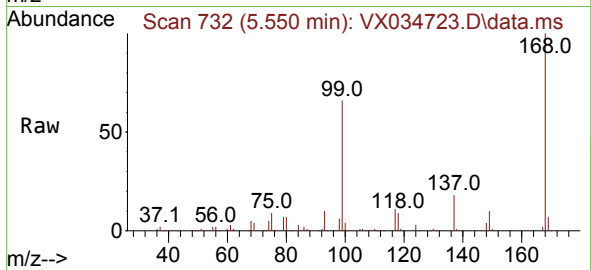
Quant Time: Mar 27 01:32:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration



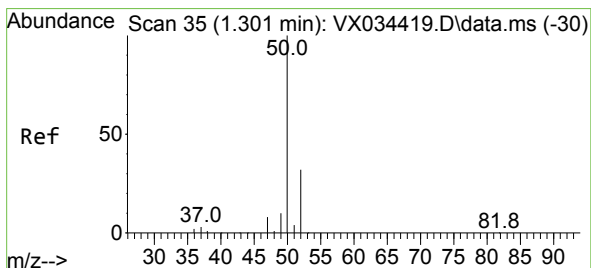
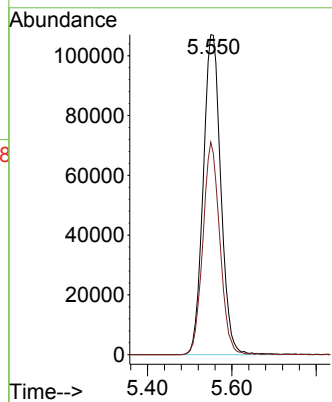
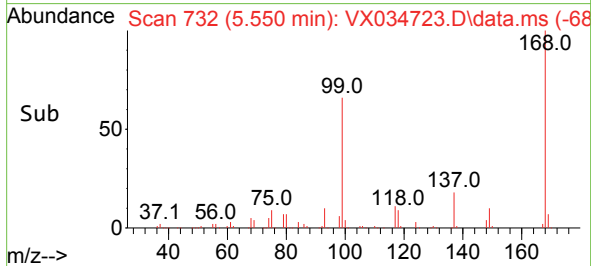


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034723.D
Acq: 24 Mar 2023 16:05

Instrument :
MSVOA_X
ClientSampleId :

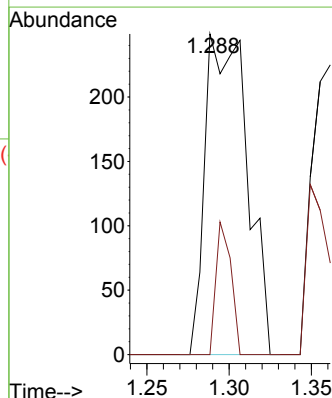
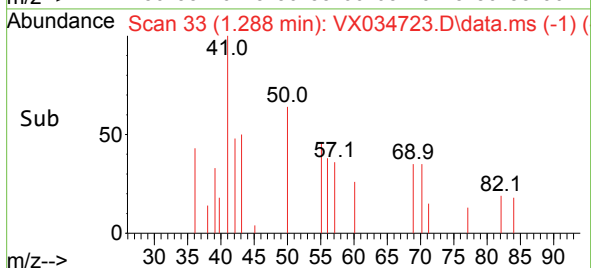
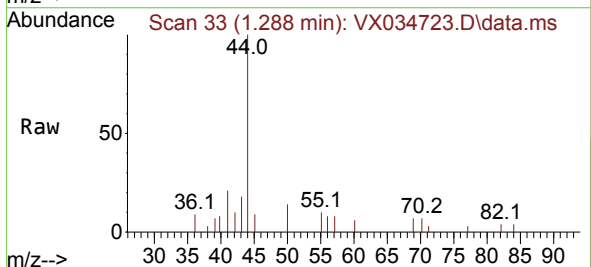


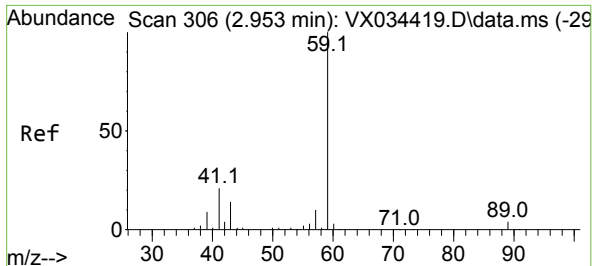
Tgt Ion:168 Resp: 310503
Ion Ratio Lower Upper
168 100
99 66.4 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.013 min
Lab File: VX034723.D
Acq: 24 Mar 2023 16:05

Tgt Ion: 50 Resp: 443
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 7.135 ug/l

RT: 2.940 min Scan# 306

Delta R.T. -0.012 min

Lab File: VX034723.D

Acq: 24 Mar 2023 16:05

Instrument :

MSVOA_X

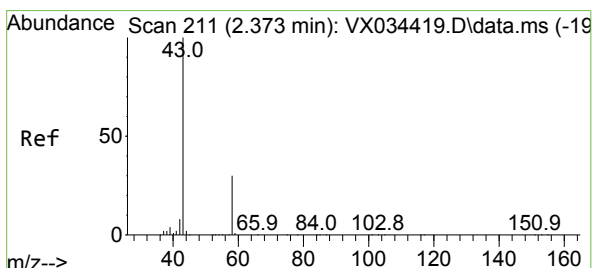
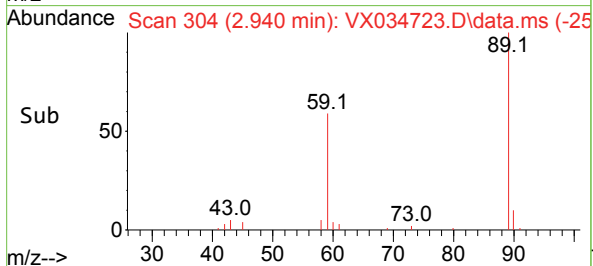
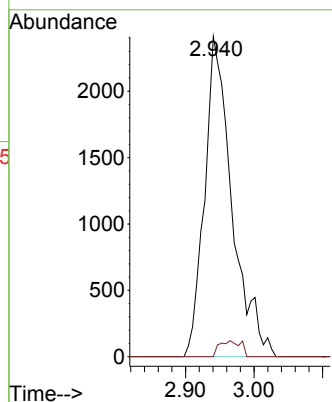
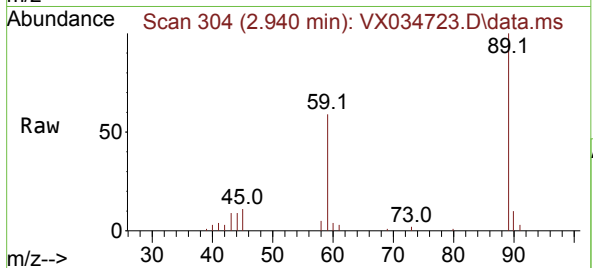
ClientSampleId :

Tgt Ion: 59 Resp: 6712

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 4.292 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX034723.D

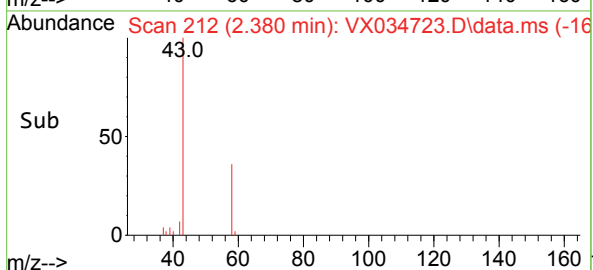
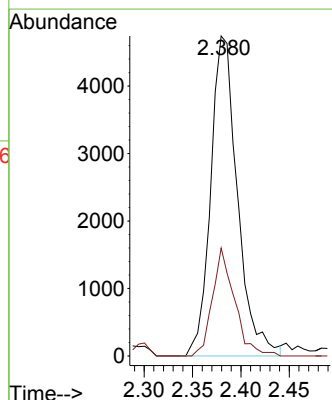
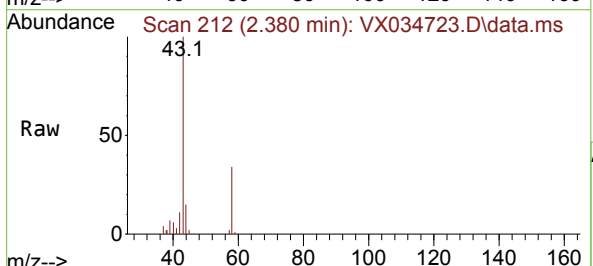
Acq: 24 Mar 2023 16:05

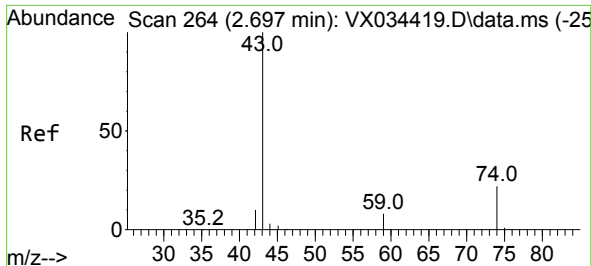
Tgt Ion: 43 Resp: 9132

Ion Ratio Lower Upper

43 100

58 33.7 24.7 37.1

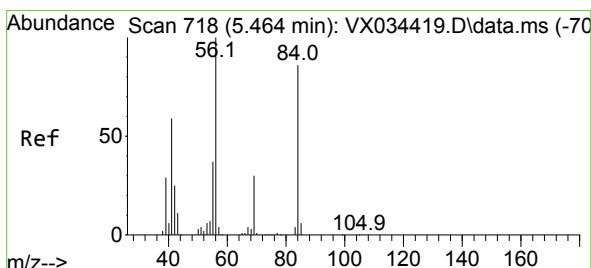
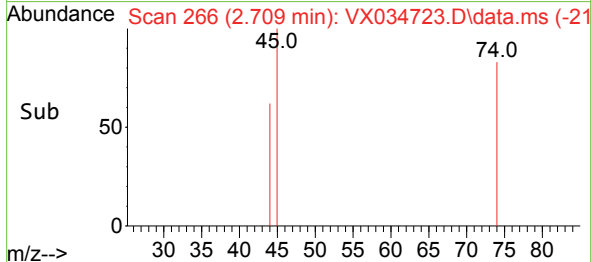
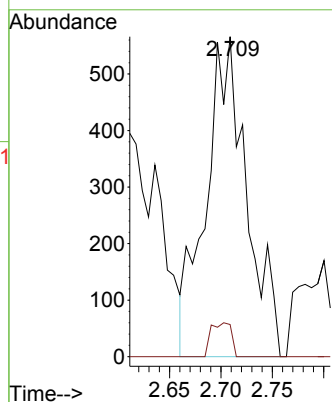
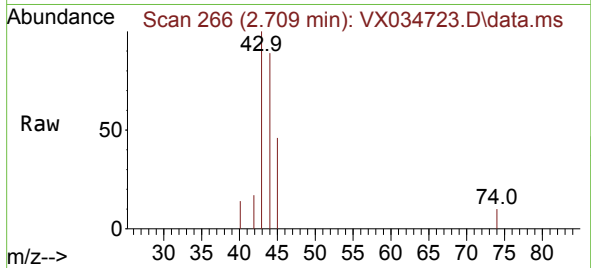




#18
Methyl Acetate
Concen: 0.225 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX034723.D
Acq: 24 Mar 2023 16:05

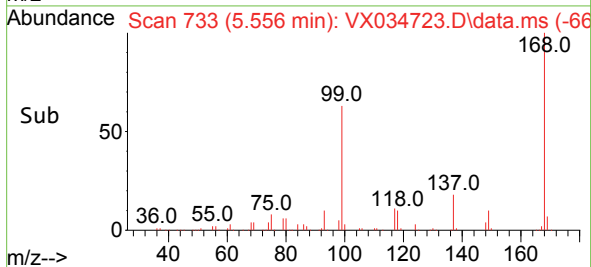
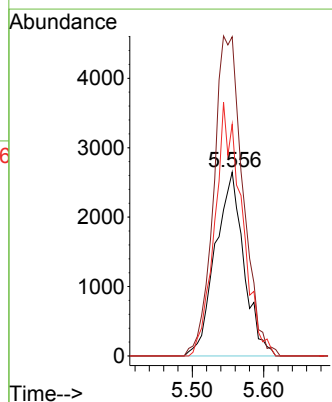
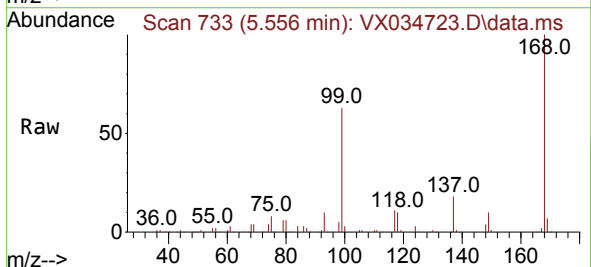
Instrument :
MSVOA_X
ClientSampleId :

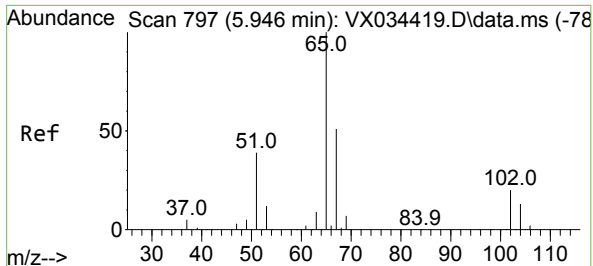
Tgt Ion: 43 Resp: 1563
Ion Ratio Lower Upper
43 100
74 5.2 18.3 27.5#



#31
Cyclohexane
Concen: 1.161 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.091 min
Lab File: VX034723.D
Acq: 24 Mar 2023 16:05

Tgt Ion: 56 Resp: 7353
Ion Ratio Lower Upper
56 100
69 173.7 23.7 35.5#
84 126.1 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 49.286 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX034723.D

Acq: 24 Mar 2023 16:05

Instrument :

MSVOA_X

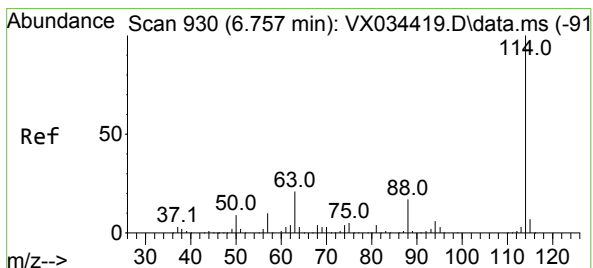
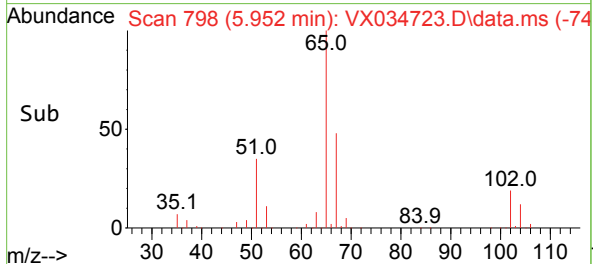
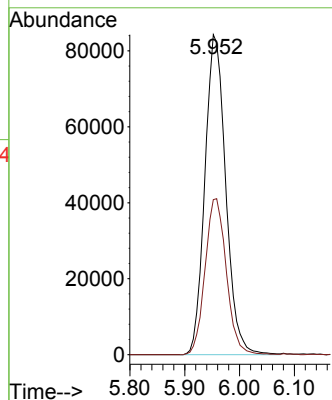
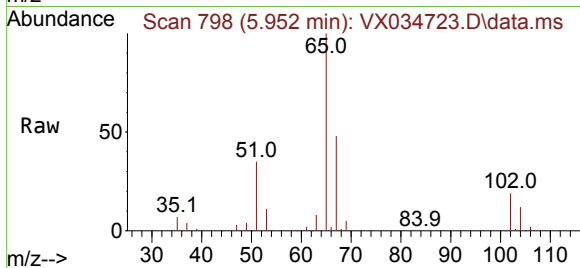
ClientSampleId :

Tgt Ion: 65 Resp: 222636

Ion Ratio Lower Upper

65 100

67 49.7 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034723.D

Acq: 24 Mar 2023 16:05

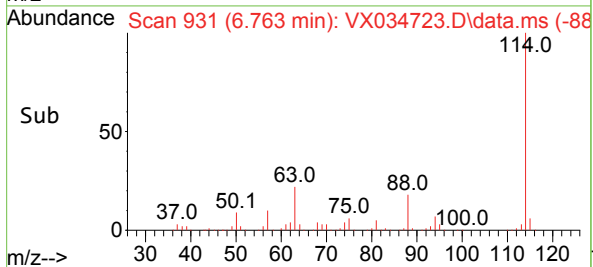
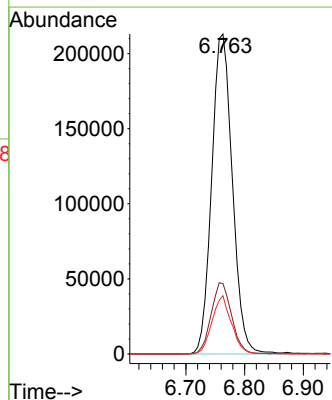
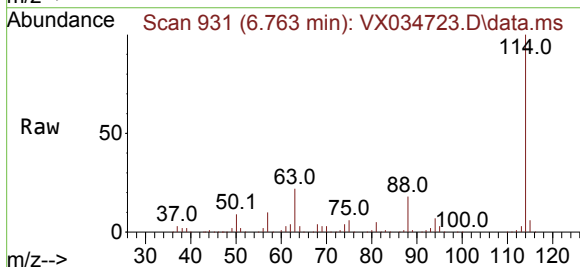
Tgt Ion: 114 Resp: 520286

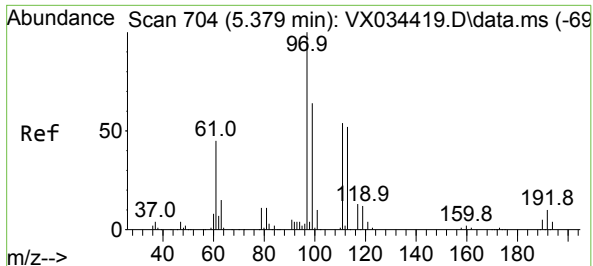
Ion Ratio Lower Upper

114 100

63 22.0 0.0 42.2

88 18.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.389 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

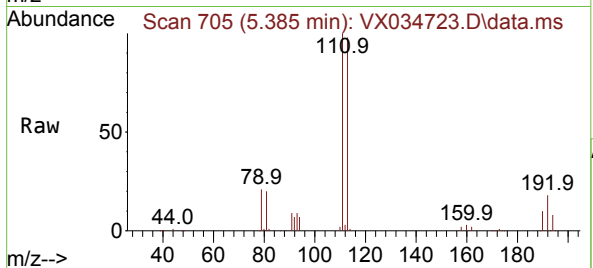
Lab File: VX034723.D

Acq: 24 Mar 2023 16:05

Instrument :

MSVOA_X

ClientSampleId :



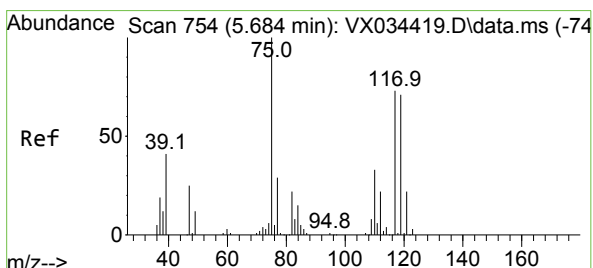
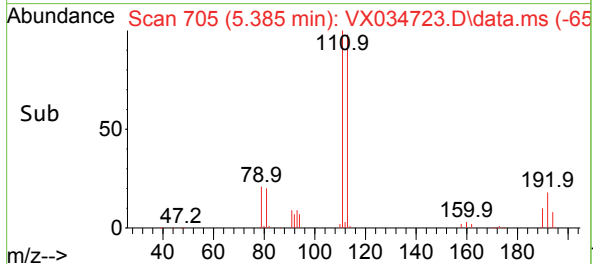
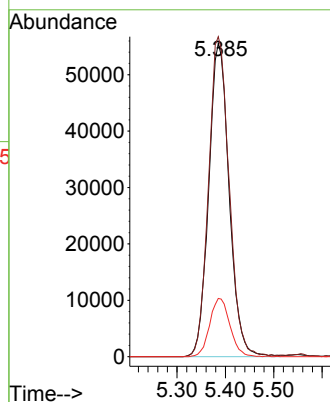
Tgt Ion:113 Resp: 162791

Ion Ratio Lower Upper

113 100

111 103.3 83.7 125.5

192 18.5 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.960 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX034723.D

Acq: 24 Mar 2023 16:05

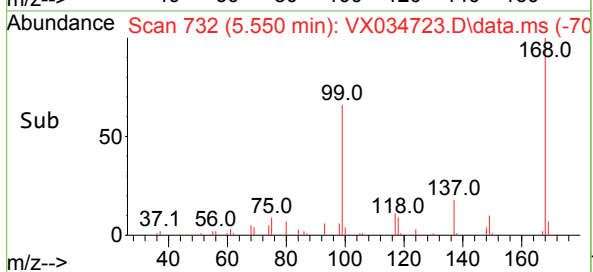
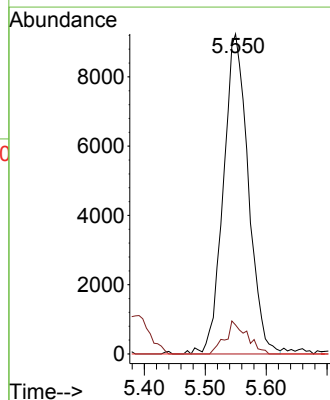
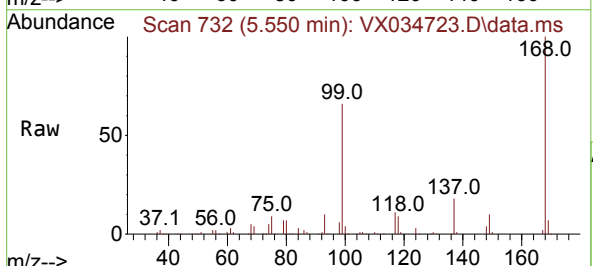
Tgt Ion: 75 Resp: 26172

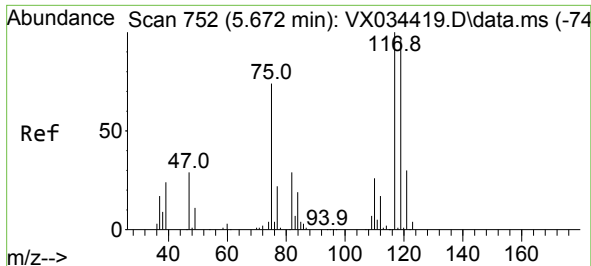
Ion Ratio Lower Upper

75 100

110 9.0 17.5 52.5#

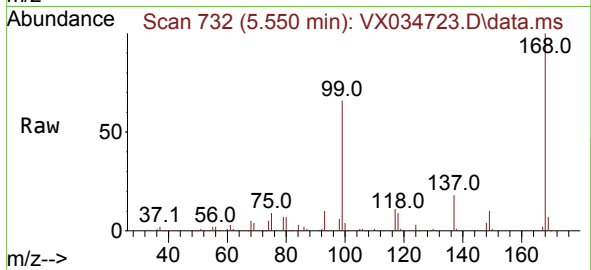
77 0.0 24.3 36.5#



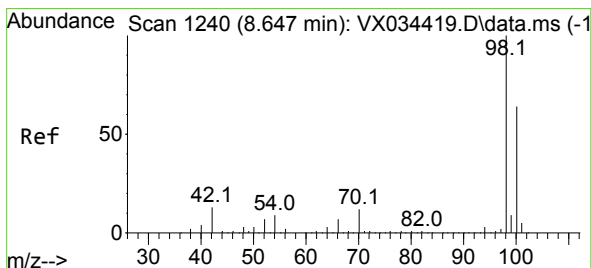
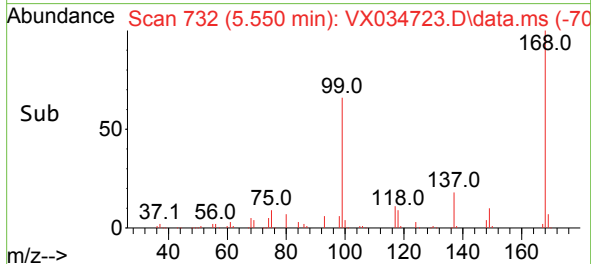
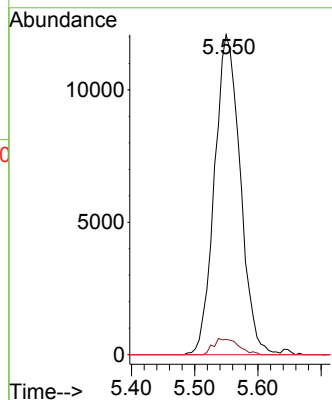


#38
Carbon Tetrachloride
Concen: 6.502 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034723.D
Acq: 24 Mar 2023 16:05

Instrument :
MSVOA_X
ClientSampleId :

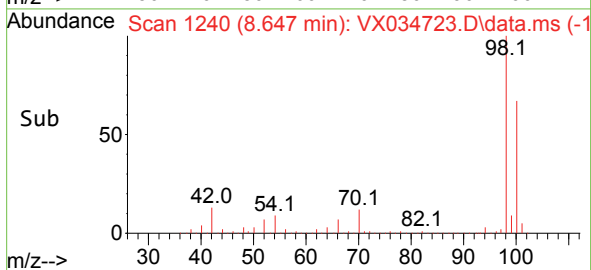
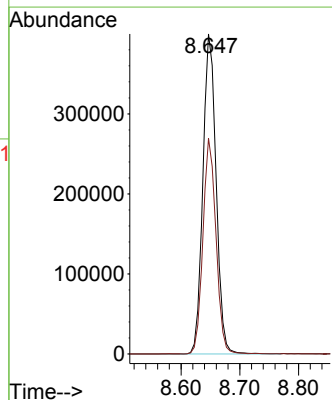
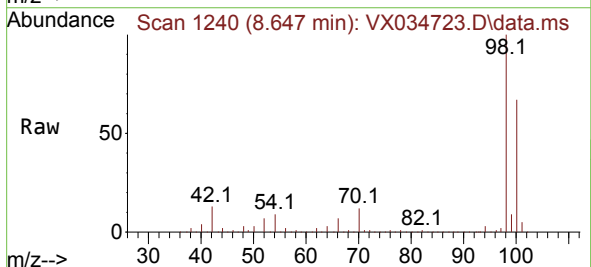


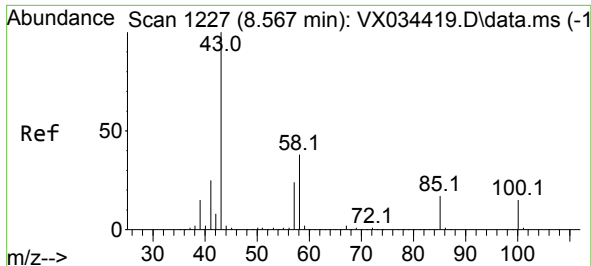
Tgt Ion:117 Resp: 34127
Ion Ratio Lower Upper
117 100
119 4.8 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.836 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034723.D
Acq: 24 Mar 2023 16:05

Tgt Ion: 98 Resp: 626261
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7

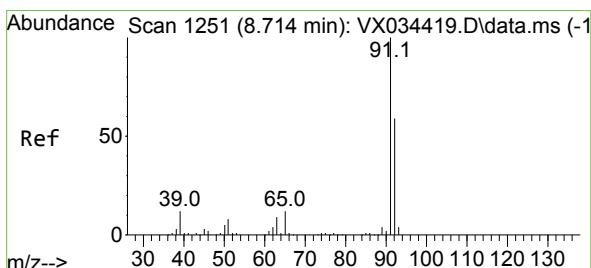
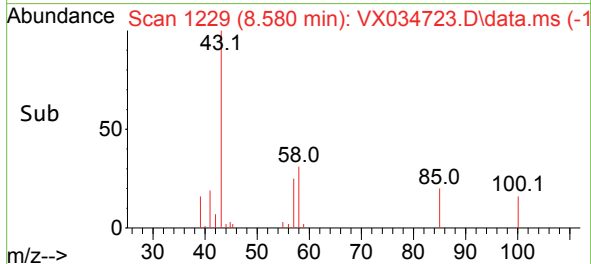
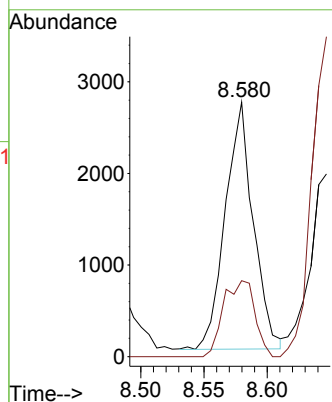
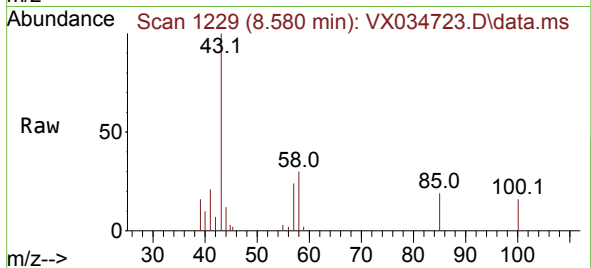




#51
4-Methyl-2-Pentanone
Concen: 0.732 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VX034723.D
Acq: 24 Mar 2023 16:05

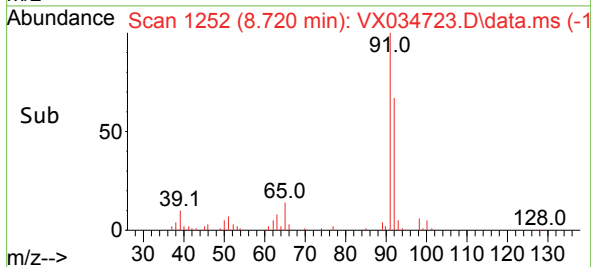
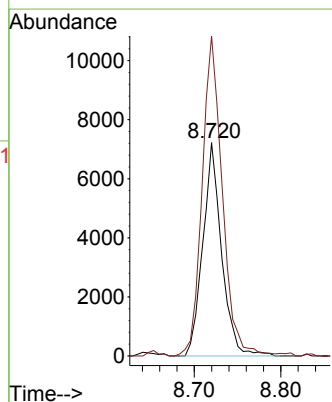
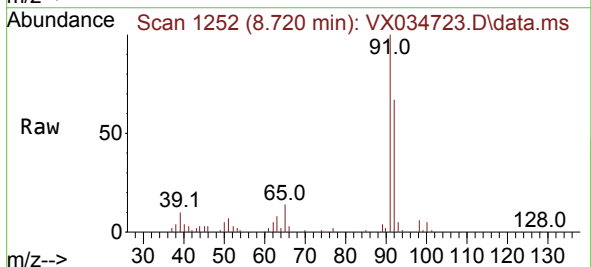
Instrument :
MSVOA_X
ClientSampleId :

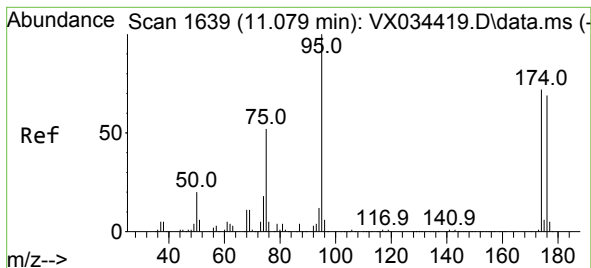
Tgt Ion: 43 Resp: 4146
Ion Ratio Lower Upper
43 100
58 34.5 30.6 46.0



#52
Toluene
Concen: 1.139 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034723.D
Acq: 24 Mar 2023 16:05

Tgt Ion: 92 Resp: 10886
Ion Ratio Lower Upper
92 100
91 160.8 136.8 205.2

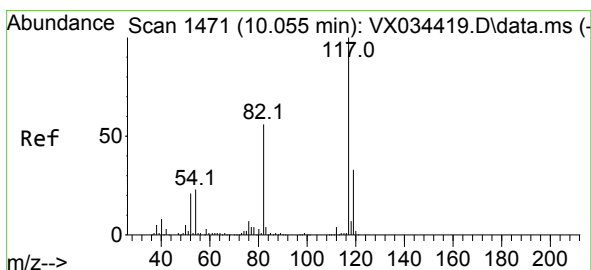
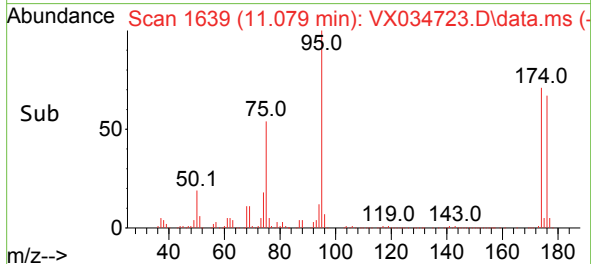
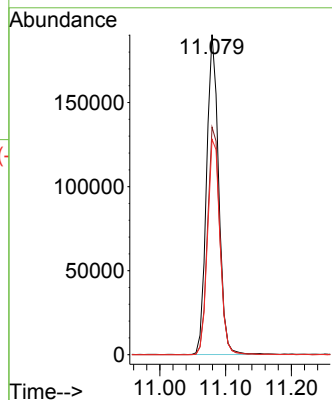
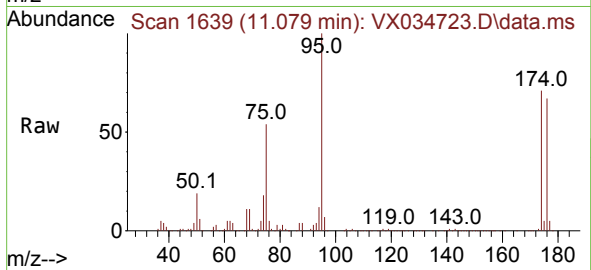




#62
4-Bromofluorobenzene
Concen: 47.115 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034723.D
Acq: 24 Mar 2023 16:05

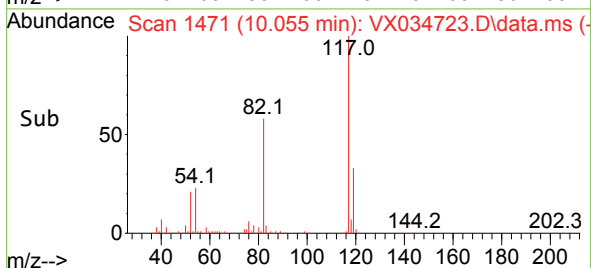
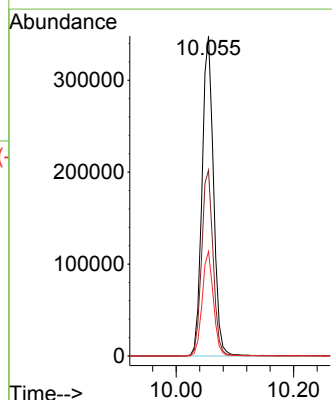
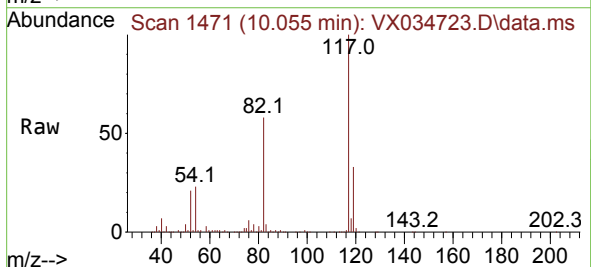
Instrument :
MSVOA_X
ClientSampleId :

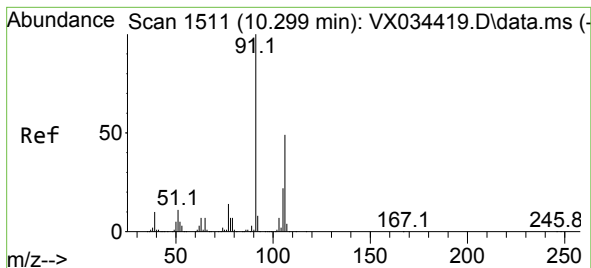
Tgt Ion: 95 Resp: 244047
Ion Ratio Lower Upper
95 100
174 72.4 0.0 147.4
176 69.3 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034723.D
Acq: 24 Mar 2023 16:05

Tgt Ion: 117 Resp: 471484
Ion Ratio Lower Upper
117 100
82 58.1 45.0 67.4
119 32.7 26.0 39.0

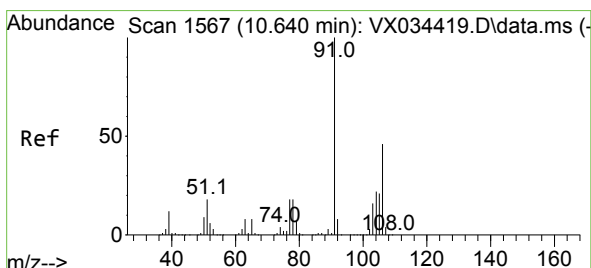
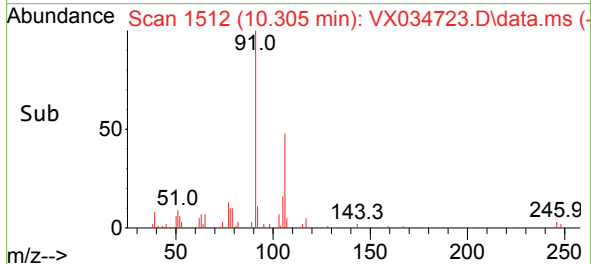
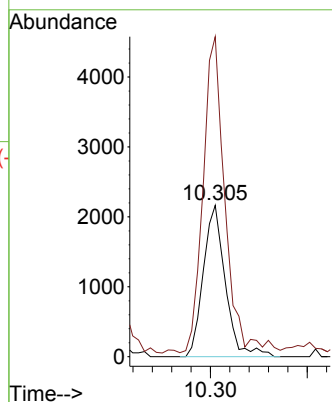
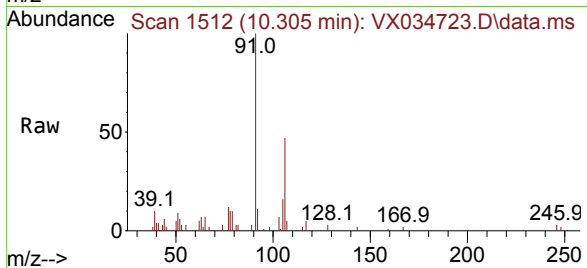




#68
m/p-Xylenes
Concen: 0.482 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX034723.D
Acq: 24 Mar 2023 16:05

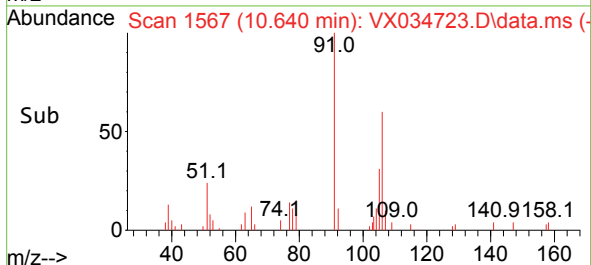
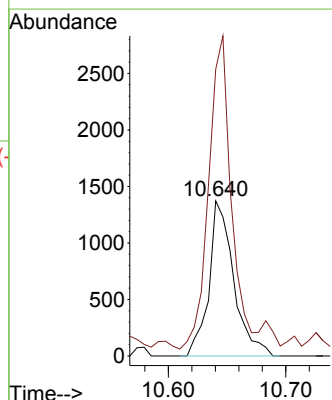
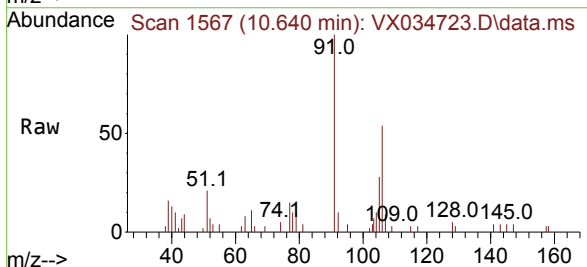
Instrument :
MSVOA_X
ClientSampleId :

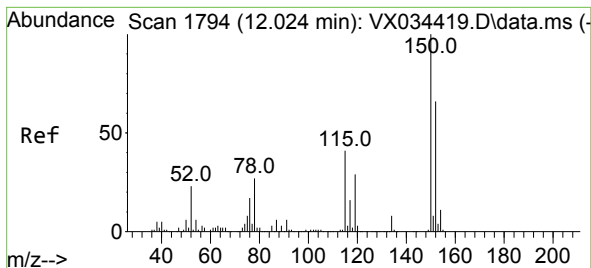
Tgt Ion:106 Resp: 3429
Ion Ratio Lower Upper
106 100
91 210.0 164.0 246.0



#69
o-Xylene
Concen: 0.282 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034723.D
Acq: 24 Mar 2023 16:05

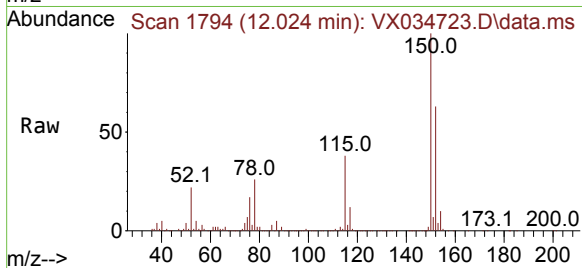
Tgt Ion:106 Resp: 2010
Ion Ratio Lower Upper
106 100
91 185.3 108.5 325.3



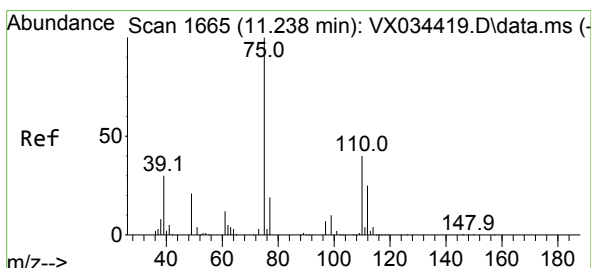
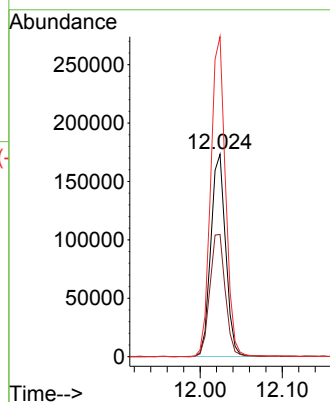
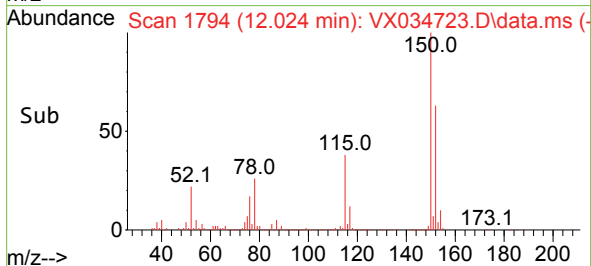


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034723.D
 Acq: 24 Mar 2023 16:05

Instrument :
 MSVOA_X
 ClientSampleId :

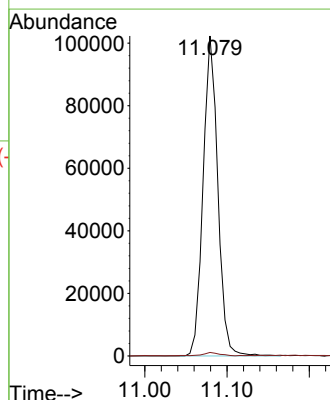
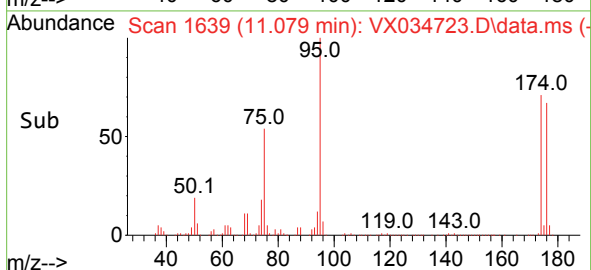
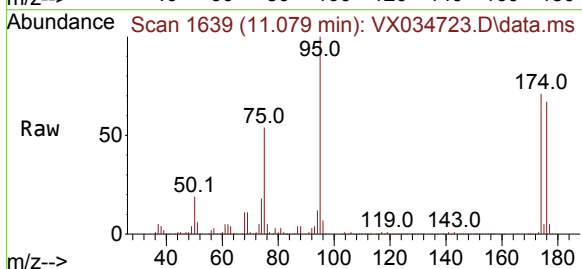


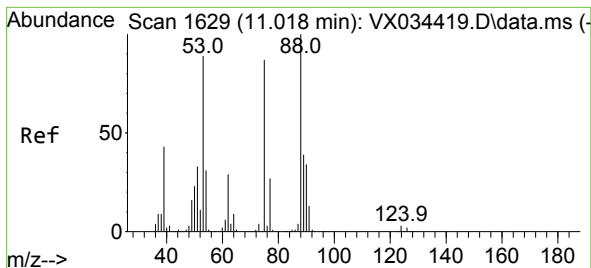
Tgt Ion:152 Resp: 217776
 Ion Ratio Lower Upper
 152 100
 115 62.8 45.0 135.0
 150 157.7 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 25.411 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX034723.D
 Acq: 24 Mar 2023 16:05

Tgt Ion: 75 Resp: 127066
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.6 64.8#

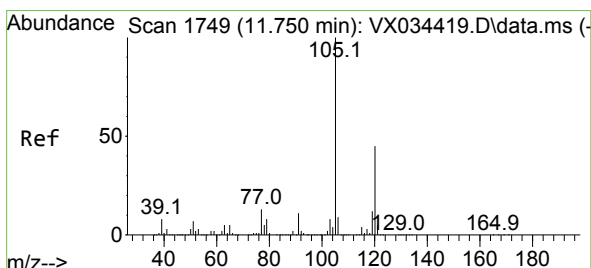
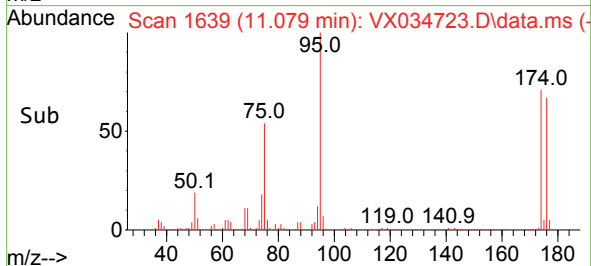
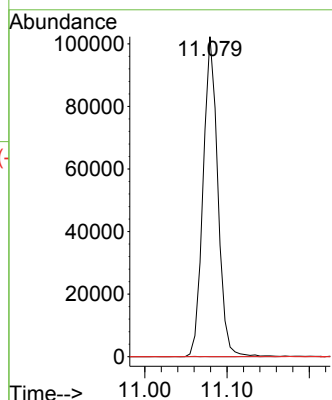
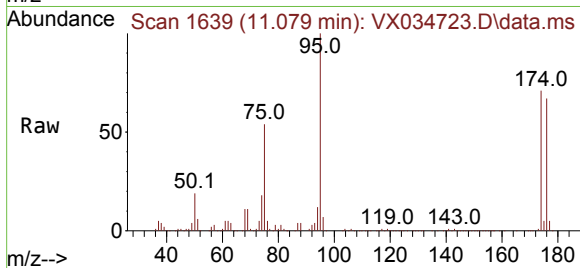




#81
trans-1,4-Dichloro-2-butene
Concen: 68.745 ug/l
RT: 11.079 min Scan# 1629
Delta R.T. 0.061 min
Lab File: VX034723.D
Acq: 24 Mar 2023 16:05

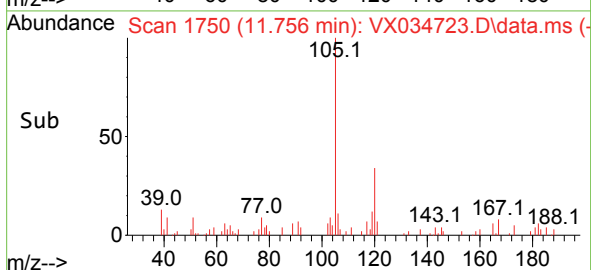
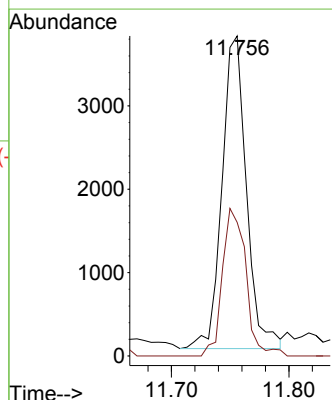
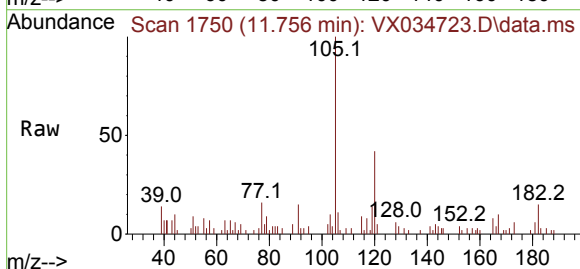
Instrument :
MSVOA_X
ClientSampleId :

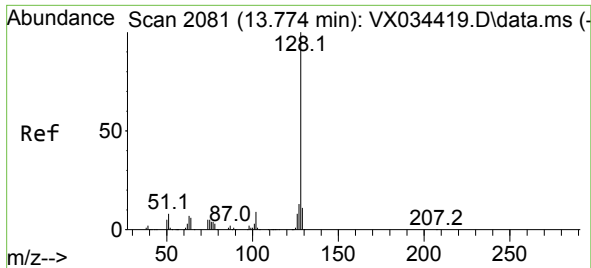
Tgt Ion: 75 Resp: 127066
Ion Ratio Lower Upper
75 100
53 0.1 82.6 124.0#
89 0.0 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.375 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX034723.D
Acq: 24 Mar 2023 16:05

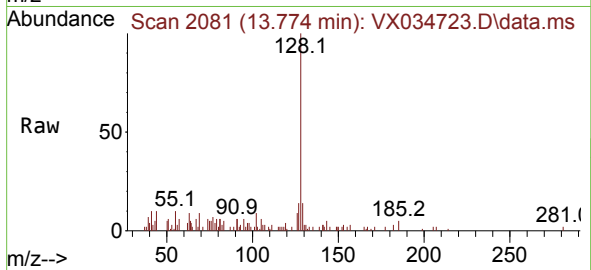
Tgt Ion: 105 Resp: 5413
Ion Ratio Lower Upper
105 100
120 45.5 22.4 67.0





#95
Naphthalene
Concen: 0.424 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034723.D
Acq: 24 Mar 2023 16:05

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	6791
Ion	Ratio	Lower	Upper
128	100		
127	14.5	10.2	15.4
129	9.8	8.6	13.0

