

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060623\
 Data File : VY014042.D
 Acq On : 06 Jun 2023 19:43
 Operator : KP/MD
 Sample : 03044-05
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-0-2.0

Quant Time: Jun 07 01:42:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

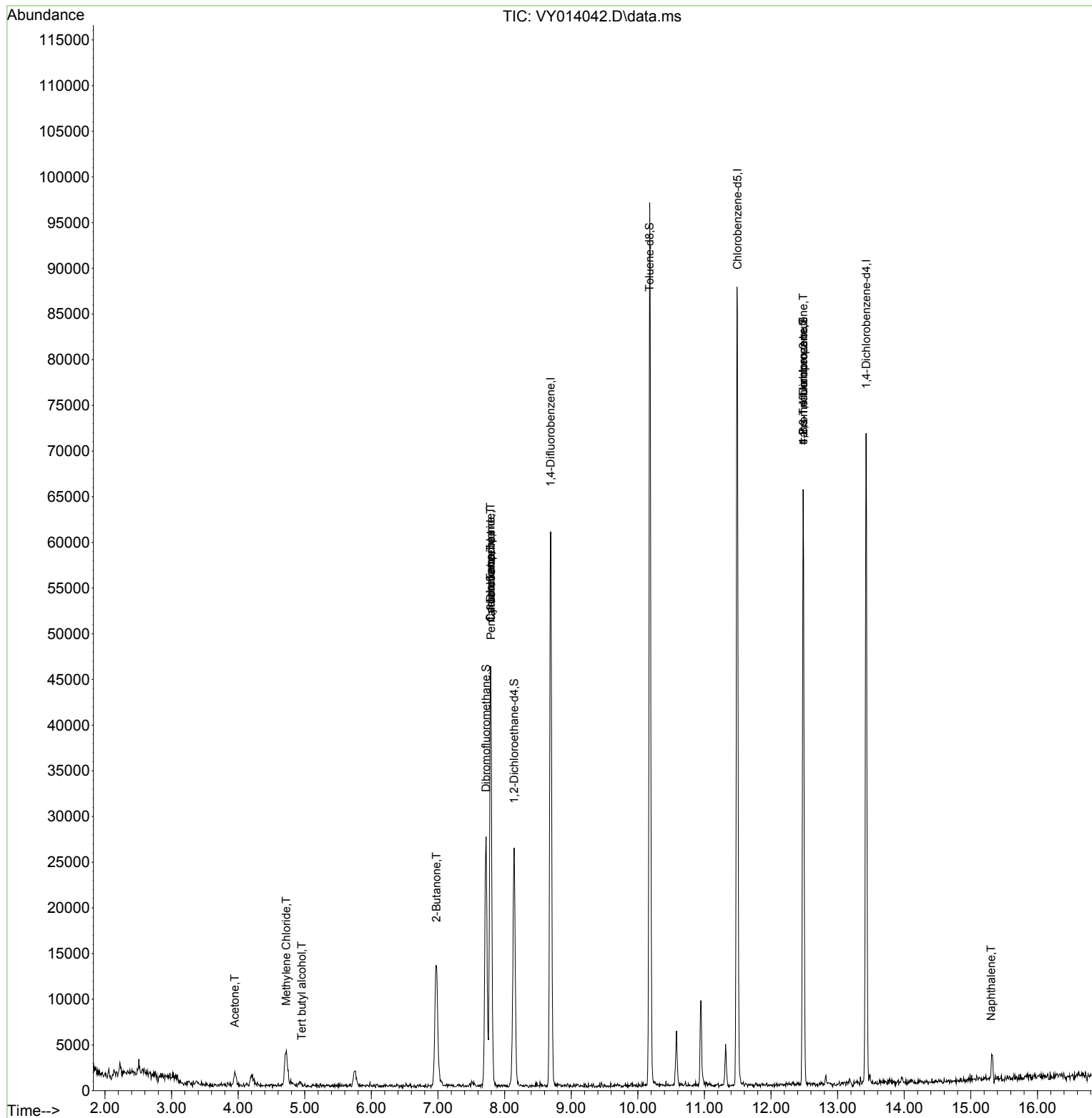
Internal Standards						
1) Pentafluorobenzene	7.795	168	35298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	53070	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	48319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	19709	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	20808	44.532	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.060%
35) Dibromofluoromethane	7.722	113	18691	55.419	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.840%
50) Toluene-d8	10.179	98	63270	49.181	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.360%
62) 4-Bromofluorobenzene	12.483	95	18272	41.661	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.320%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	187	1.947	ug/l #	89
16) Acetone	3.948	43	2618	16.376	ug/l	95
20) Methylene Chloride	4.722	84	2652	2.325	ug/l #	76
25) 2-Butanone	6.978	43	854	4.288	ug/l	95
31) Cyclohexane	7.789	56	925	1.644	ug/l #	34
36) 1,1-Dichloropropene	7.789	75	2795	5.817	ug/l #	43
38) Carbon Tetrachloride	7.789	117	3374	6.266	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	9299	35.061	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	9299	74.382	ug/l #	11
95) Naphthalene	15.306	128	70	3.951	ug/l #	69

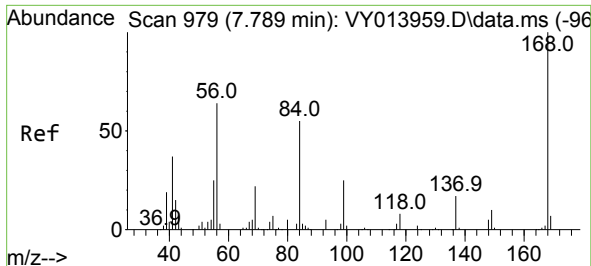
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Jun 02 07:00:14 2023
Response via : Initial Calibration

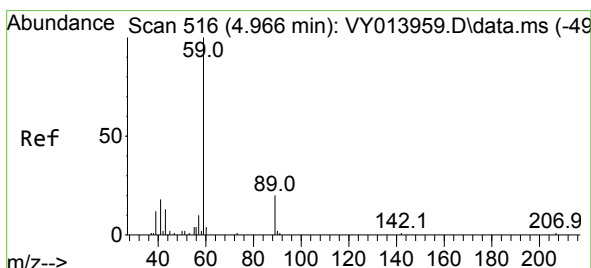
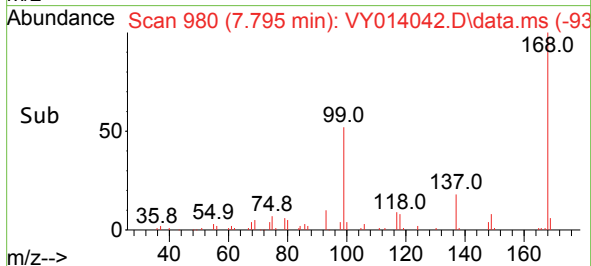
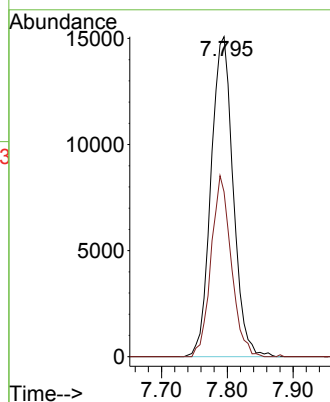
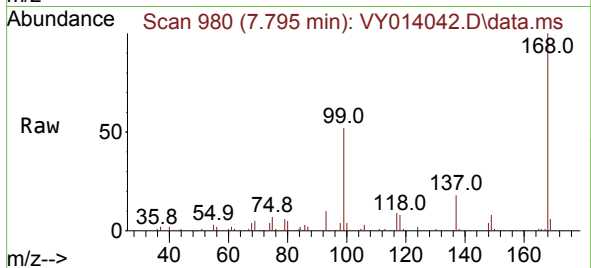




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014042.D
Acq: 06 Jun 2023 19:43

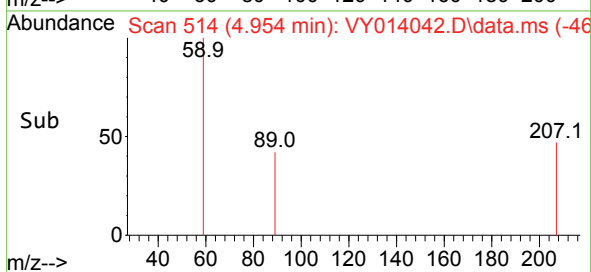
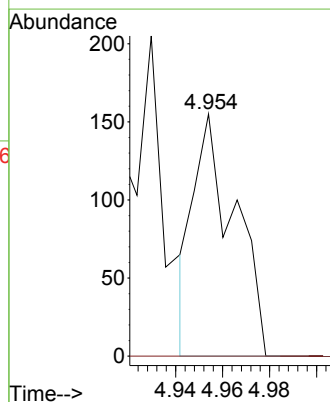
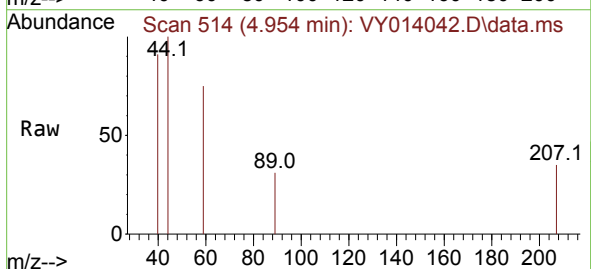
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-0-2.0

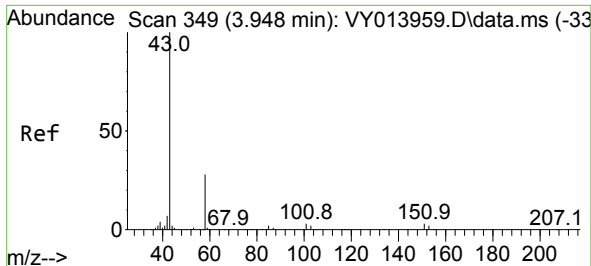
Tgt Ion:168 Resp: 35298
Ion Ratio Lower Upper
168 100
99 51.5 43.4 65.0



#11
Tert butyl alcohol
Concen: 1.947 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY014042.D
Acq: 06 Jun 2023 19:43

Tgt Ion: 59 Resp: 187
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

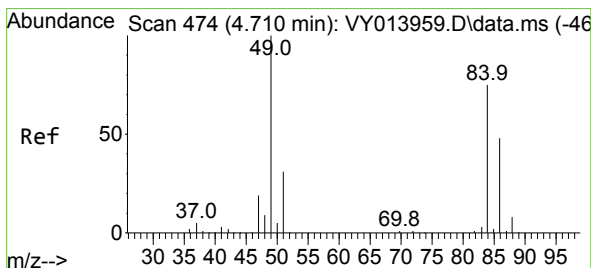
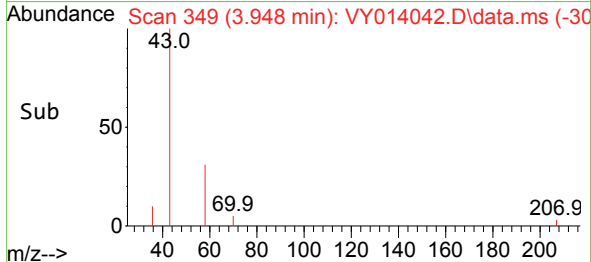
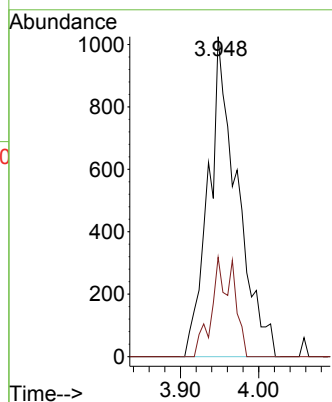
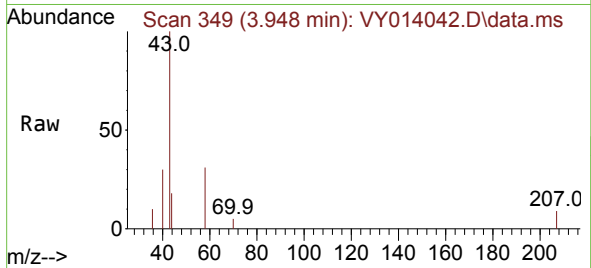




#16
Acetone
Concen: 16.376 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY014042.D
Acq: 06 Jun 2023 19:43

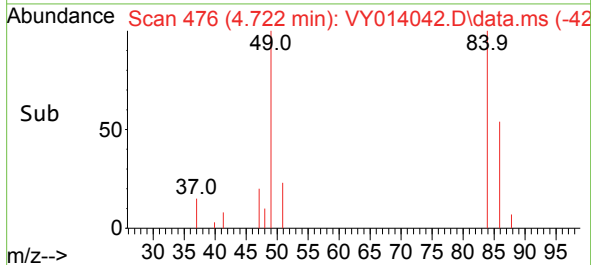
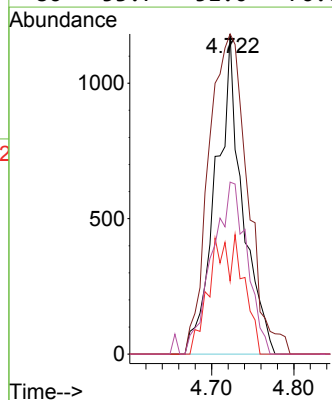
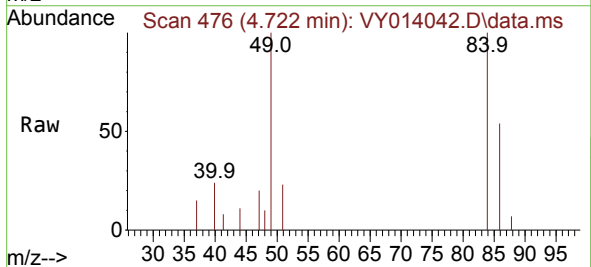
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-0-2.0

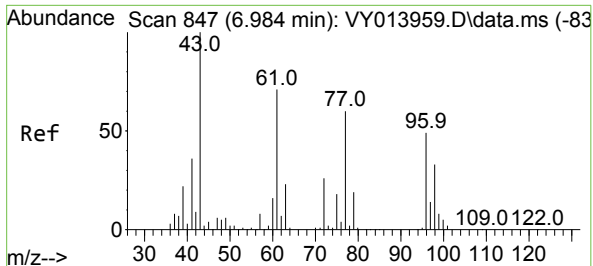
Tgt Ion: 43 Resp: 2618
Ion Ratio Lower Upper
43 100
58 31.0 22.7 34.1



#20
Methylene Chloride
Concen: 2.325 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY014042.D
Acq: 06 Jun 2023 19:43

Tgt Ion: 84 Resp: 2652
Ion Ratio Lower Upper
84 100
49 100.0 106.9 160.3#
51 22.8 33.2 49.8#
86 53.7 51.0 76.6





#25

2-Butanone

Concen: 4.288 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY014042.D

Acq: 06 Jun 2023 19:43

Instrument :

MSVOA_Y

ClientSampleId :

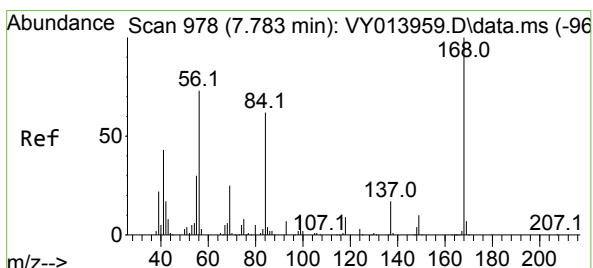
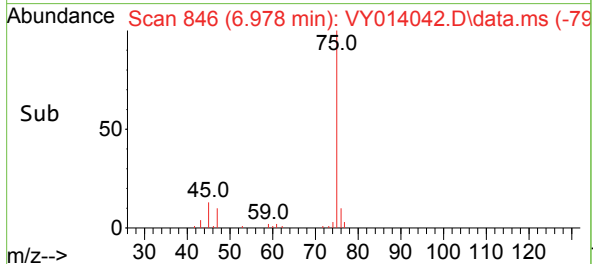
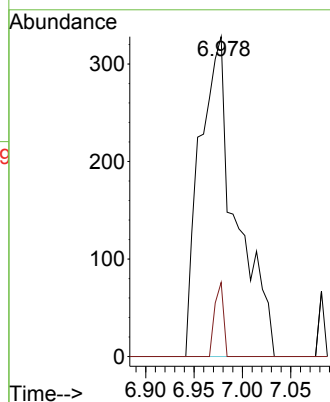
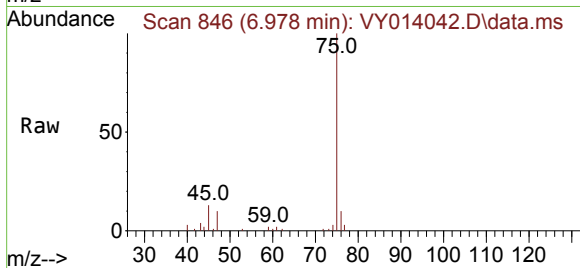
SB-03-0-2.0

Tgt Ion: 43 Resp: 854

Ion Ratio Lower Upper

43 100

72 23.2 20.5 30.7



#31

Cyclohexane

Concen: 1.644 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY014042.D

Acq: 06 Jun 2023 19:43

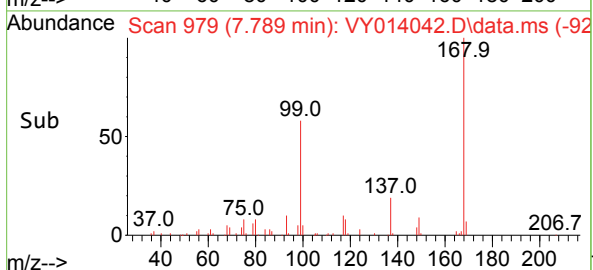
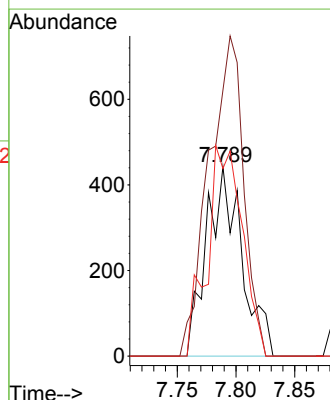
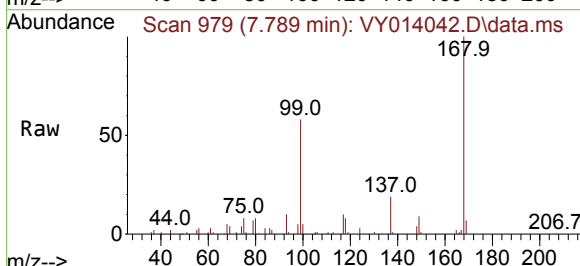
Tgt Ion: 56 Resp: 925

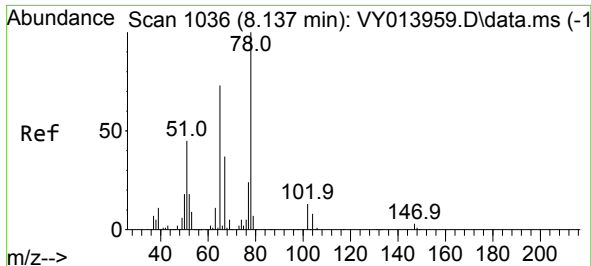
Ion Ratio Lower Upper

56 100

69 140.2 27.8 41.6#

84 98.9 66.4 99.6

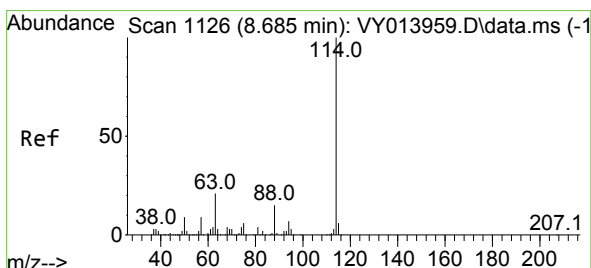
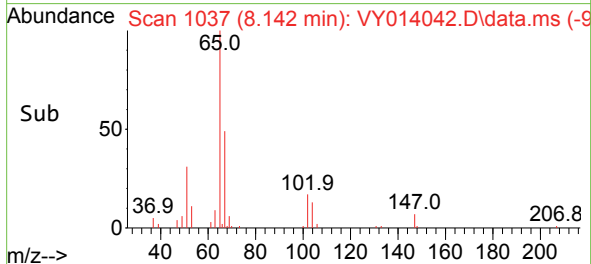
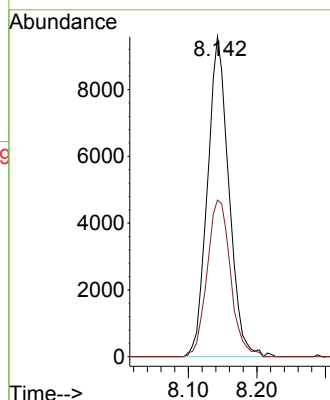
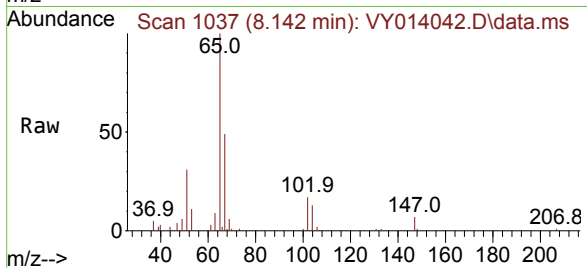




#33
 1,2-Dichloroethane-d4
 Concen: 44.532 ug/l
 RT: 8.142 min Scan# 1107
 Delta R.T. 0.006 min
 Lab File: VY014042.D
 Acq: 06 Jun 2023 19:43

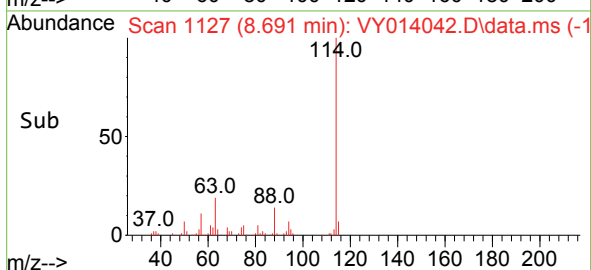
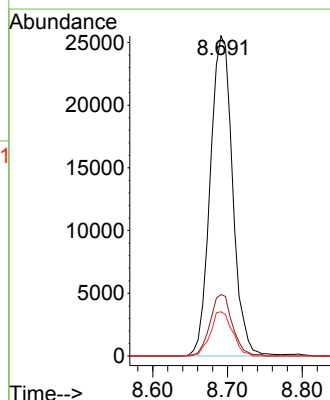
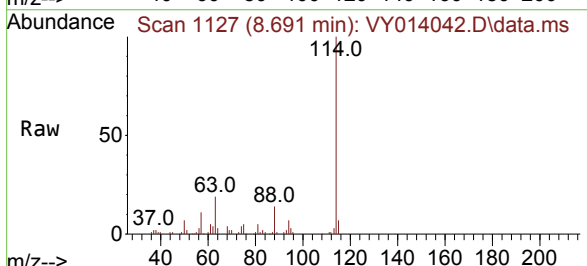
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-0-2.0

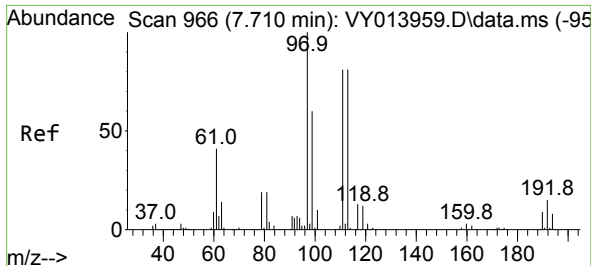
Tgt Ion: 65 Resp: 20808
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY014042.D
 Acq: 06 Jun 2023 19:43

Tgt Ion: 114 Resp: 53070
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 42.4
 88 13.8 0.0 30.6

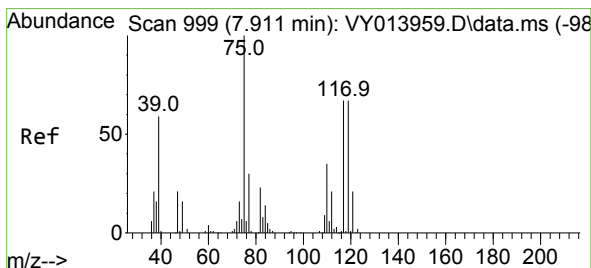
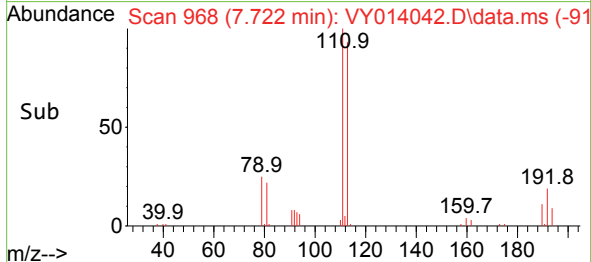
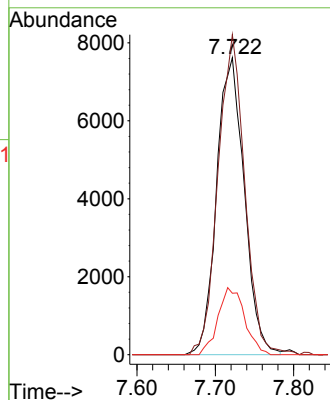
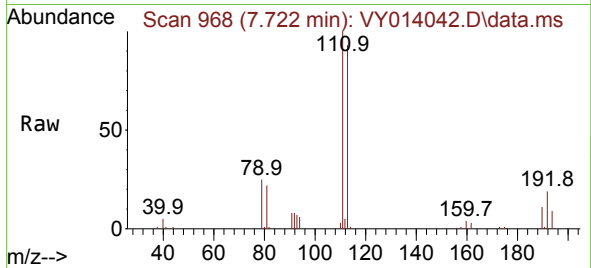




#35
Dibromofluoromethane
Concen: 55.419 ug/l
RT: 7.722 min Scan# 910
Delta R.T. 0.012 min
Lab File: VY014042.D
Acq: 06 Jun 2023 19:43

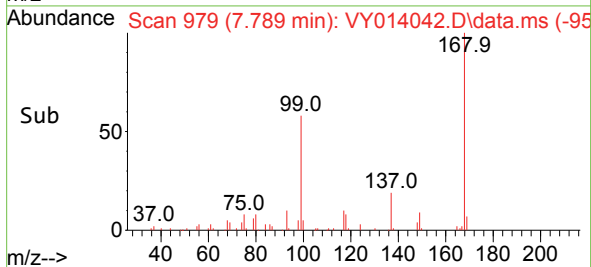
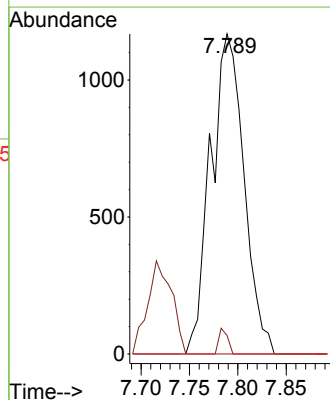
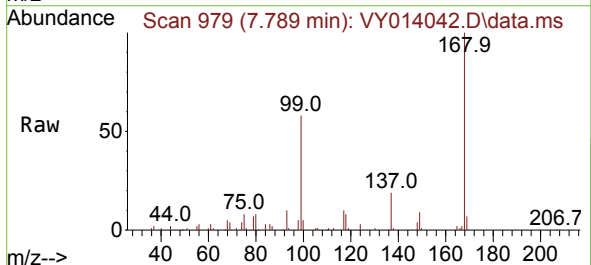
Instrument :
MSVOA_Y
ClientSampleId :
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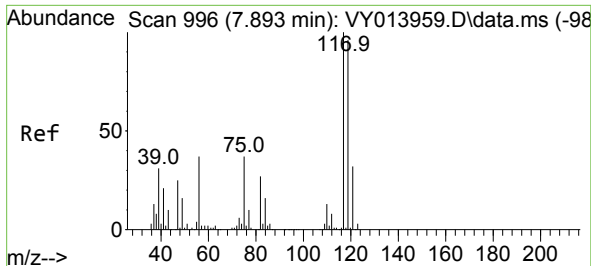
Tgt Ion:113 Resp: 18691
Ion Ratio Lower Upper
113 100
111 104.2 81.3 121.9
192 21.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.817 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY014042.D
Acq: 06 Jun 2023 19:43

Tgt Ion: 75 Resp: 2795
Ion Ratio Lower Upper
75 100
110 2.1 17.8 53.5#
77 0.0 24.4 36.6#

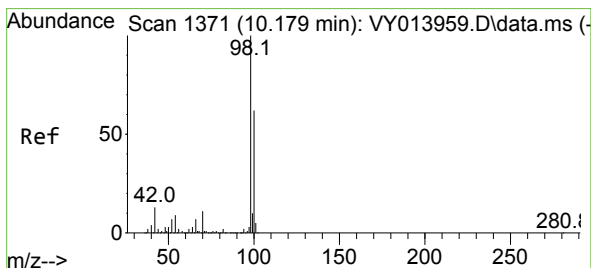
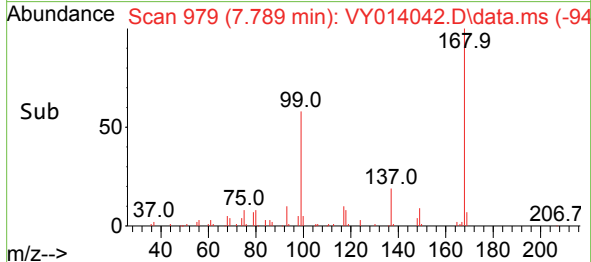
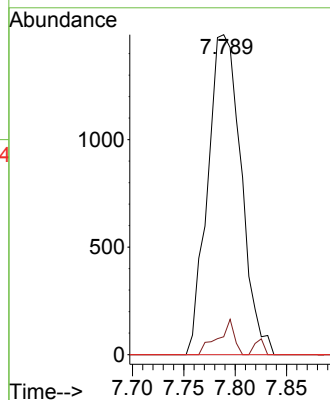
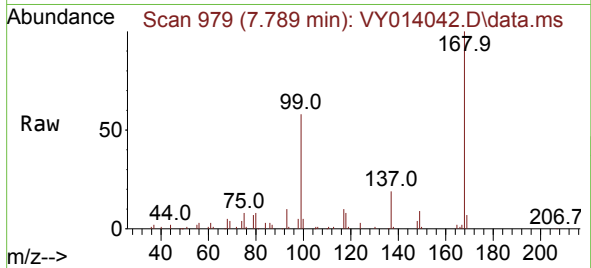




#38
Carbon Tetrachloride
Concen: 6.266 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY014042.D
Acq: 06 Jun 2023 19:43

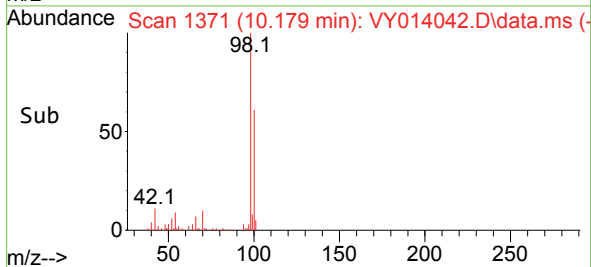
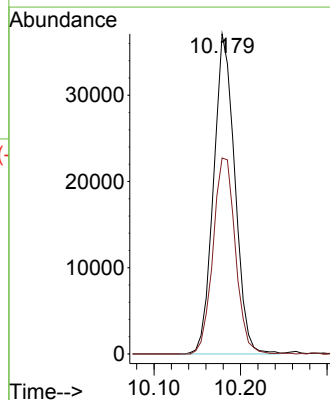
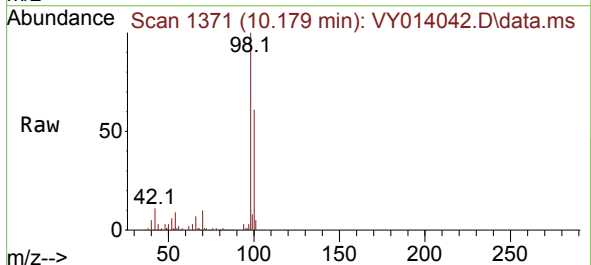
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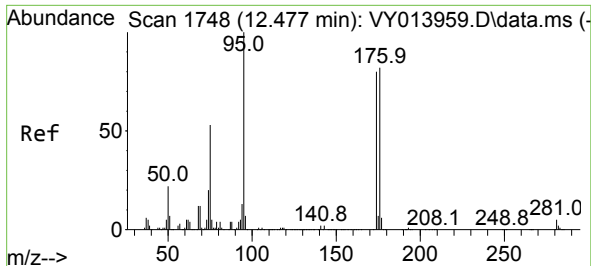
Tgt Ion:117 Resp: 3374
Ion Ratio Lower Upper
117 100
119 5.6 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.181 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014042.D
Acq: 06 Jun 2023 19:43

Tgt Ion: 98 Resp: 63270
Ion Ratio Lower Upper
98 100
100 64.4 50.1 75.1

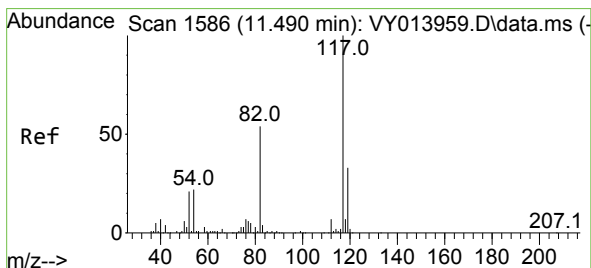
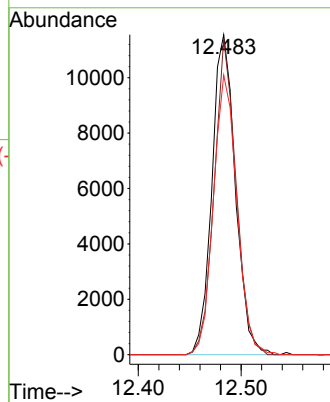
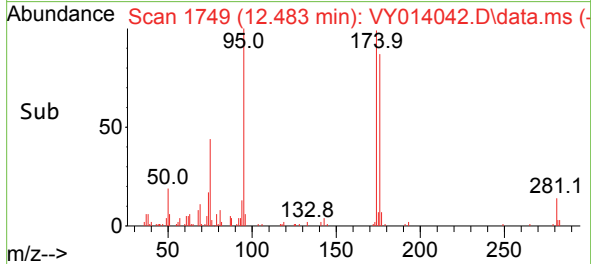
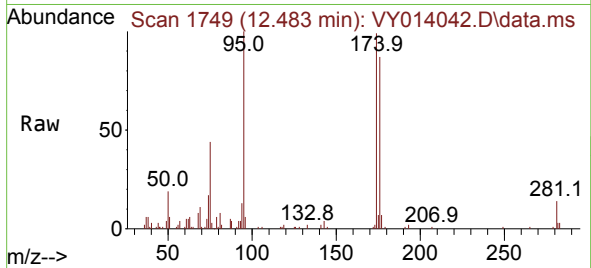




#62
4-Bromofluorobenzene
Concen: 41.661 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014042.D
Acq: 06 Jun 2023 19:43

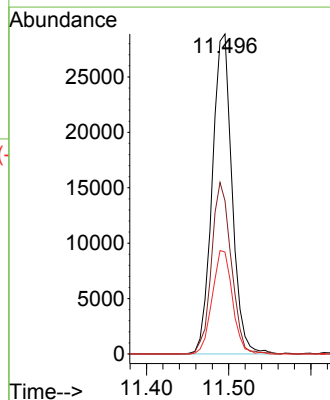
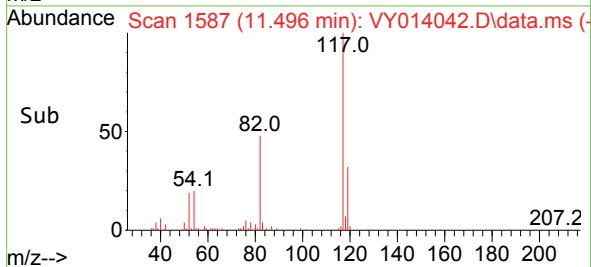
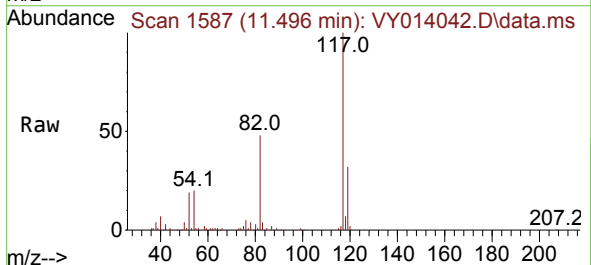
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-0-2.0

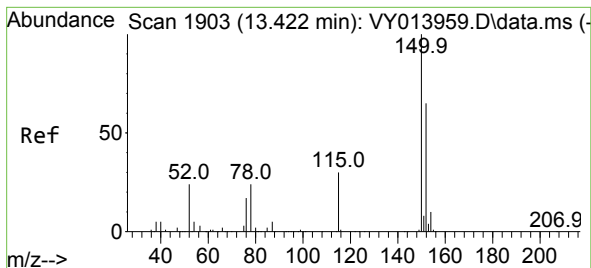
Tgt Ion: 95 Resp: 18272
Ion Ratio Lower Upper
95 100
174 91.9 0.0 178.2
176 87.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY014042.D
Acq: 06 Jun 2023 19:43

Tgt Ion: 117 Resp: 48319
Ion Ratio Lower Upper
117 100
82 47.9 43.4 65.0
119 31.8 26.3 39.5

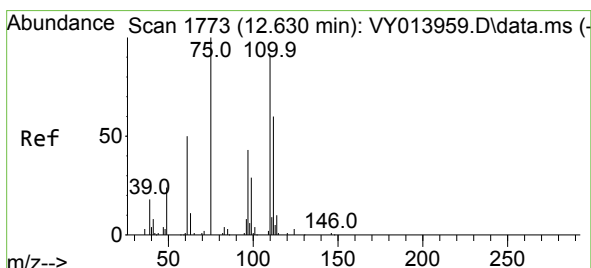
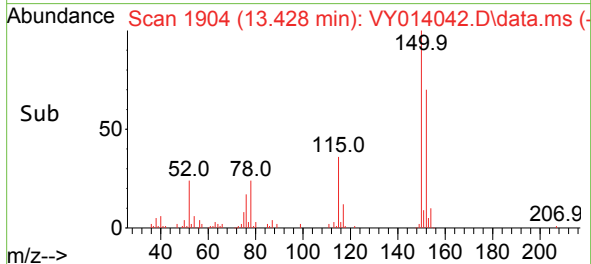
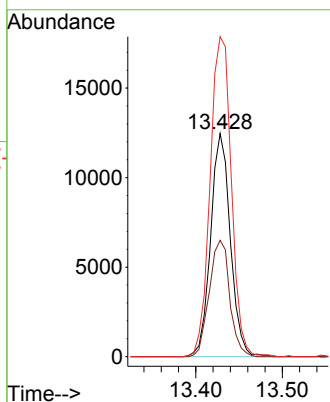
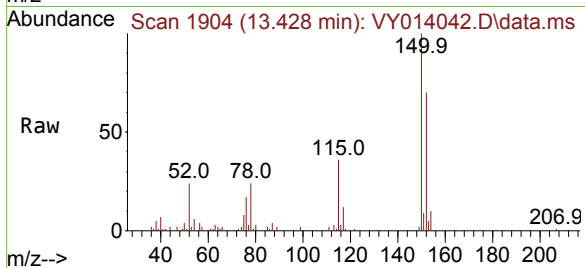




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY014042.D
 Acq: 06 Jun 2023 19:43

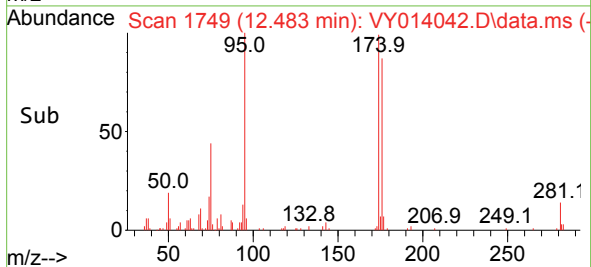
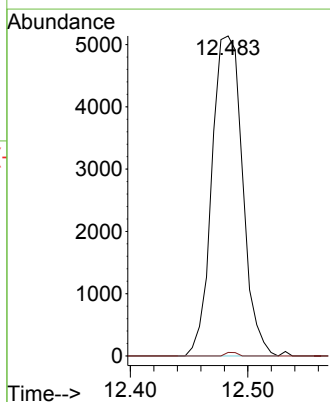
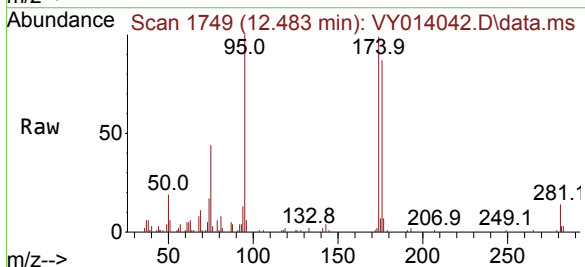
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-0-2.0

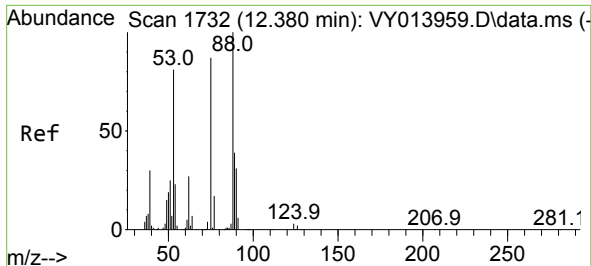
Tgt Ion:152 Resp: 19709
 Ion Ratio Lower Upper
 152 100
 115 54.1 28.8 86.5
 150 154.2 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 35.061 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY014042.D
 Acq: 06 Jun 2023 19:43

Tgt Ion: 75 Resp: 9299
 Ion Ratio Lower Upper
 75 100
 77 0.4 0.0 0.0#

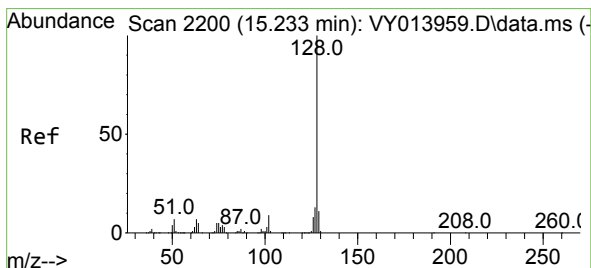
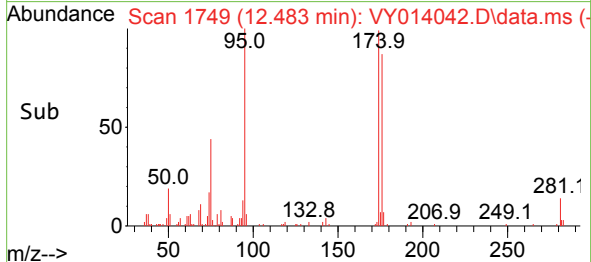
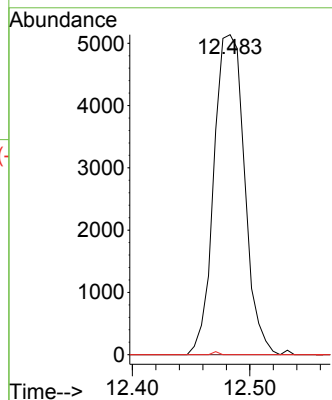
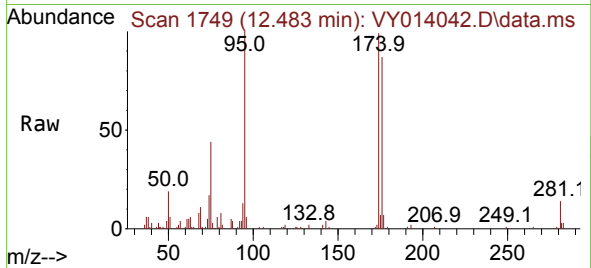




#81
trans-1,4-Dichloro-2-butene
Concen: 74.382 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY014042.D
Acq: 06 Jun 2023 19:43

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-0-2.0

Tgt Ion: 75 Resp: 9299
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.2 37.4 56.0#



#95
Naphthalene
Concen: 3.951 ug/l
RT: 15.306 min Scan# 2212
Delta R.T. 0.073 min
Lab File: VY014042.D
Acq: 06 Jun 2023 19:43

Tgt Ion: 128 Resp: 70
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

