

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080823\
 Data File : VY014988.D
 Acq On : 08 Aug 2023 16:23
 Operator : SY/MD
 Sample : 03919-04
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-36

Quant Time: Aug 09 01:02:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

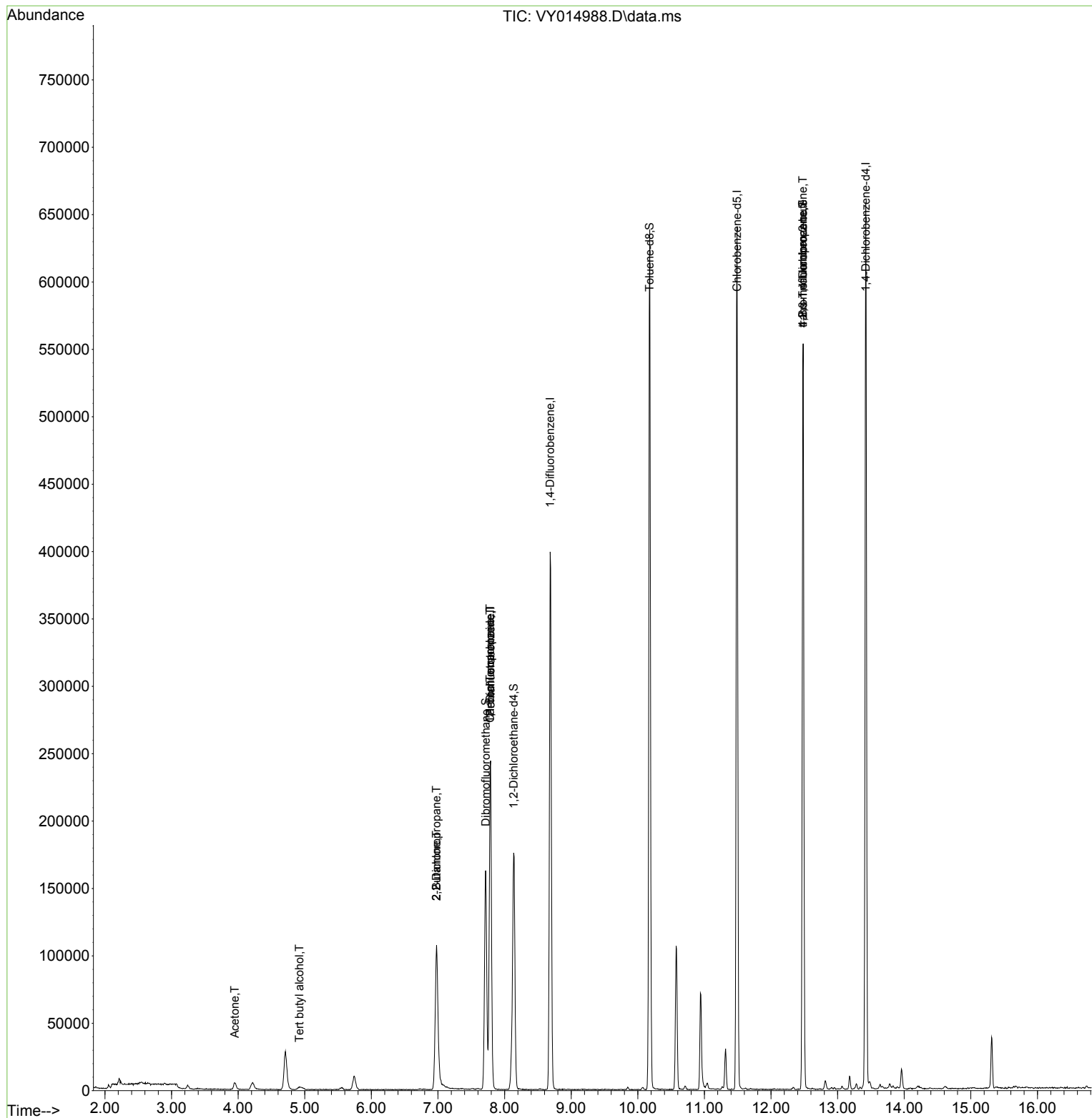
Internal Standards						
1) Pentafluorobenzene	7.789	168	189466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	349740	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	343399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	167559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	130253	56.721	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.440%	
35) Dibromofluoromethane	7.716	113	112608	50.350	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.700%	
50) Toluene-d8	10.179	98	414498	48.692	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.380%	
62) 4-Bromofluorobenzene	12.477	95	156435	51.850	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.700%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.643	94	336	Below Cal		91
11) Tert butyl alcohol	4.917	59	1495	2.698 ug/l	#	89
16) Acetone	3.948	43	8864	12.378 ug/l	#	86
20) Methylene Chloride	4.710	84	21243	Below Cal		90
25) 2-Butanone	6.978	43	5839	5.693 ug/l	#	75
26) 2,2-Dichloropropane	6.978	77	7976	2.392 ug/l	#	54
31) Cyclohexane	7.789	56	4192	Below Cal	#	18
36) 1,1-Dichloropropene	7.783	75	15610	5.622 ug/l	#	50
38) Carbon Tetrachloride	7.783	117	18671	5.981 ug/l	#	15
76) 1,2,3-Trichloropropane	12.477	75	85435	42.553 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.477	75	85435	93.744 ug/l	#	11

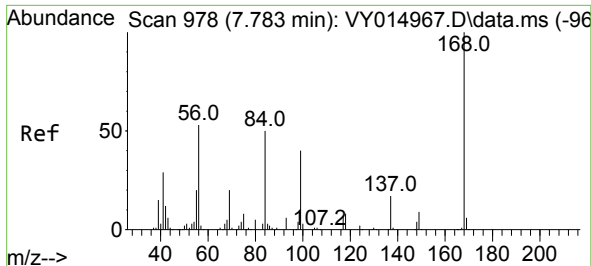
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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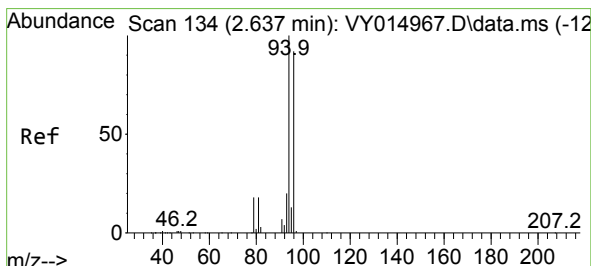
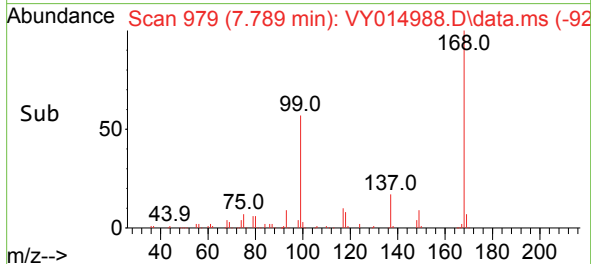
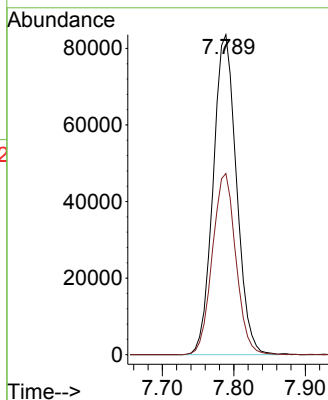
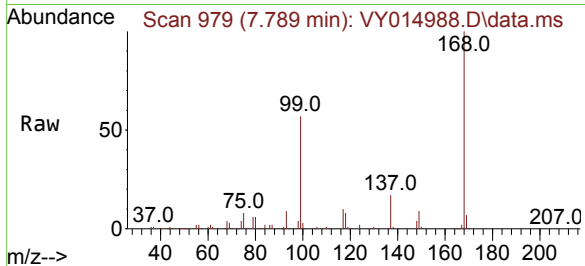




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014988.D
Acq: 08 Aug 2023 16:23

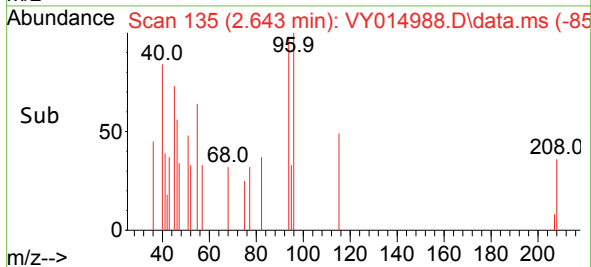
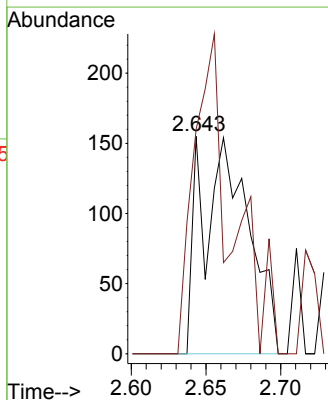
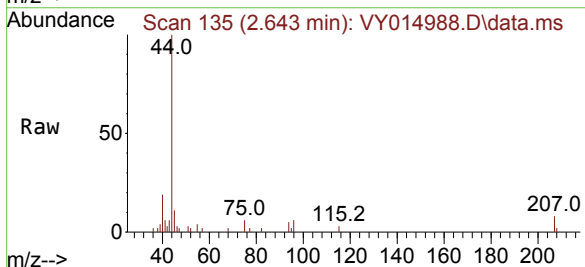
Instrument :
MSVOA_Y
ClientSampleId :
TP-36

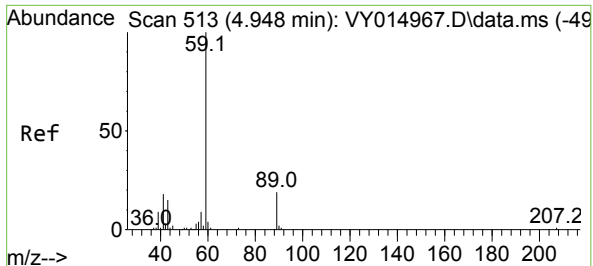
Tgt Ion:168 Resp: 189466
Ion Ratio Lower Upper
168 100
99 56.6 43.4 65.0



#5
Bromomethane
Concen: Below Cal
RT: 2.643 min Scan# 135
Delta R.T. 0.006 min
Lab File: VY014988.D
Acq: 08 Aug 2023 16:23

Tgt Ion: 94 Resp: 336
Ion Ratio Lower Upper
94 100
96 103.2 75.8 113.6

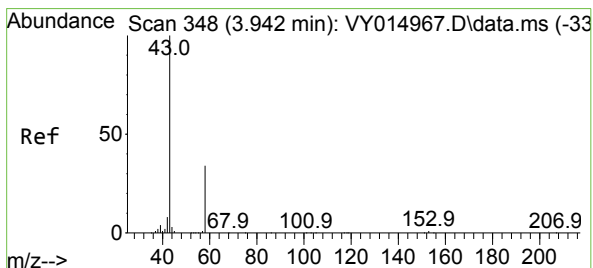
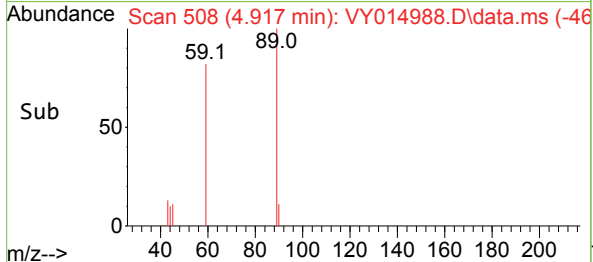
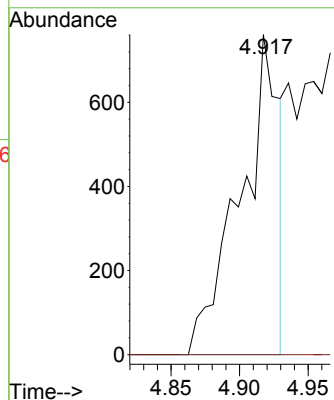
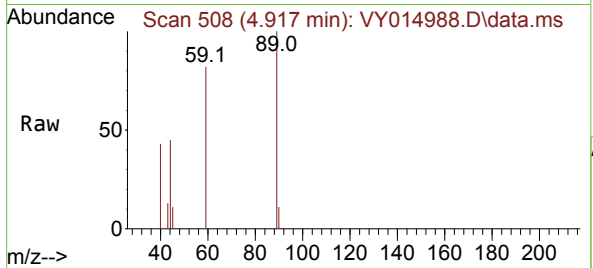




#11
Tert butyl alcohol
Concen: 2.698 ug/l
RT: 4.917 min Scan# 50
Delta R.T. -0.031 min
Lab File: VY014988.D
Acq: 08 Aug 2023 16:23

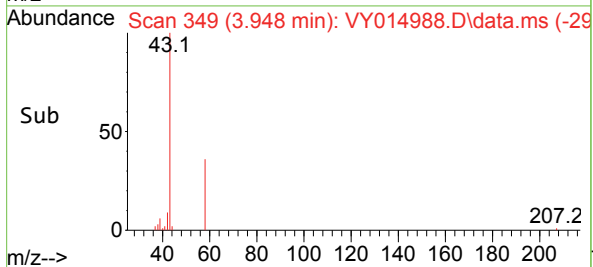
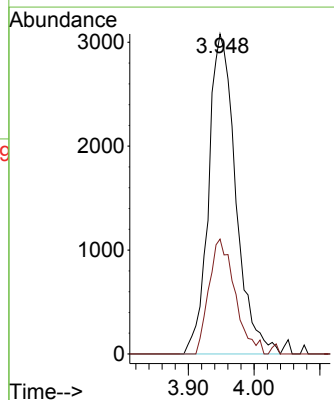
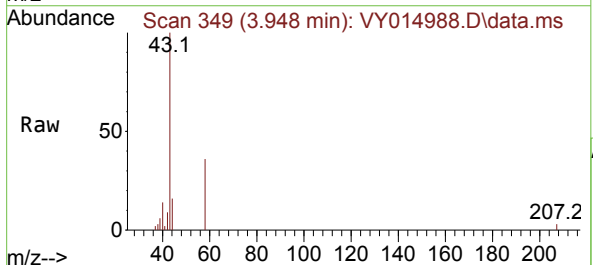
Instrument :
MSVOA_Y
ClientSampleId :
TP-36

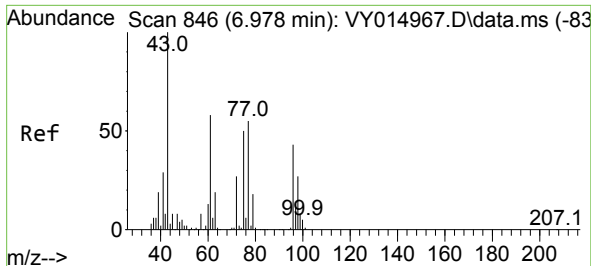
Tgt Ion: 59 Resp: 1495
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#16
Acetone
Concen: 12.378 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014988.D
Acq: 08 Aug 2023 16:23

Tgt Ion: 43 Resp: 8864
Ion Ratio Lower Upper
43 100
58 35.9 22.7 34.1#





#25

2-Butanone

Concen: 5.693 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY014988.D

Acq: 08 Aug 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

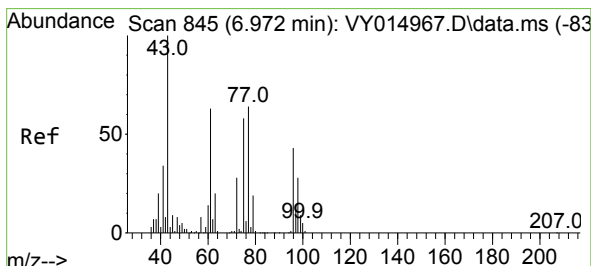
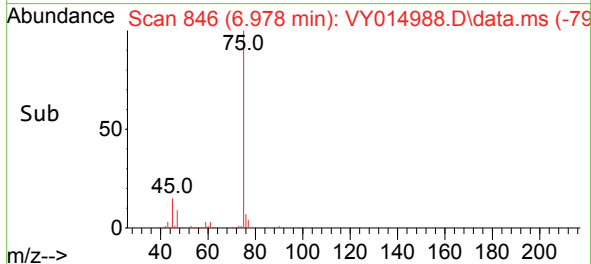
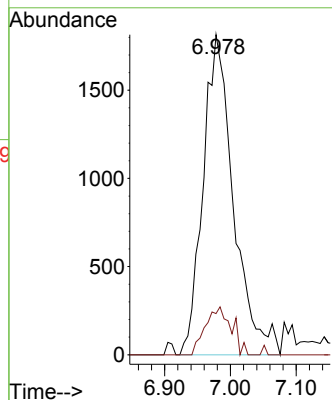
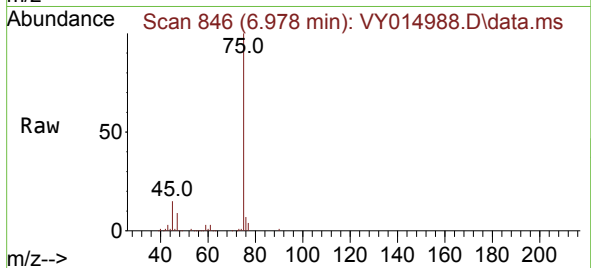
TP-36

Tgt Ion: 43 Resp: 5839

Ion Ratio Lower Upper

43 100

72 12.9 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 2.392 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY014988.D

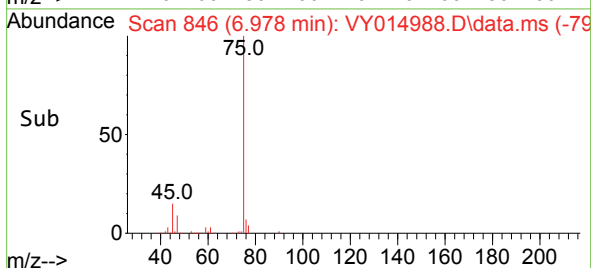
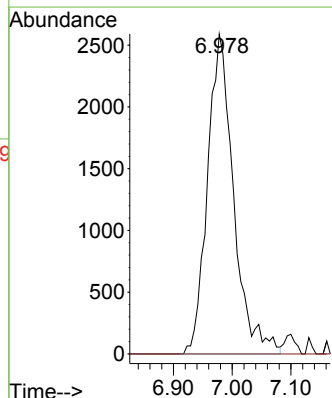
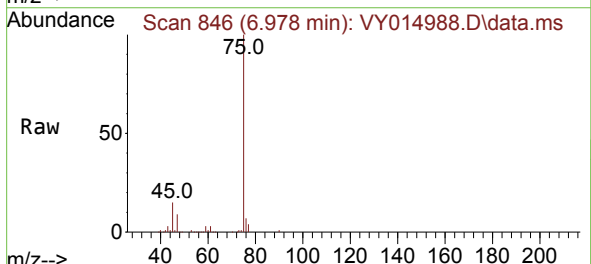
Acq: 08 Aug 2023 16:23

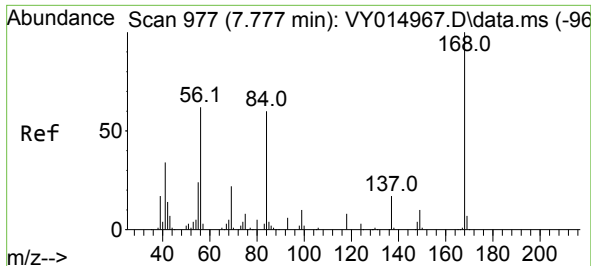
Tgt Ion: 77 Resp: 7976

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#

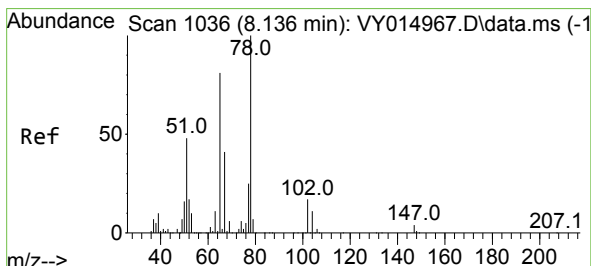
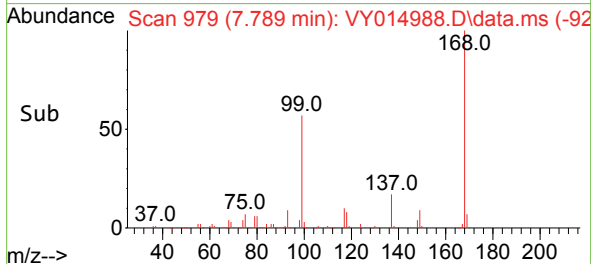
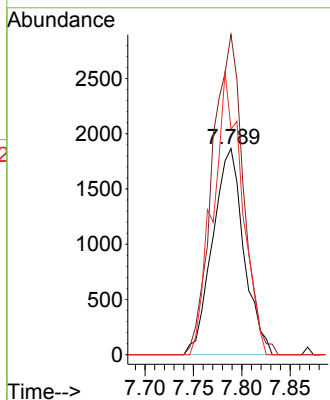
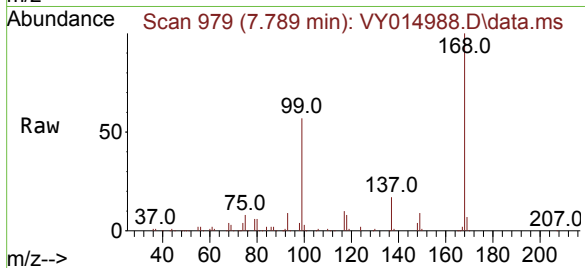




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014988.D
Acq: 08 Aug 2023 16:23

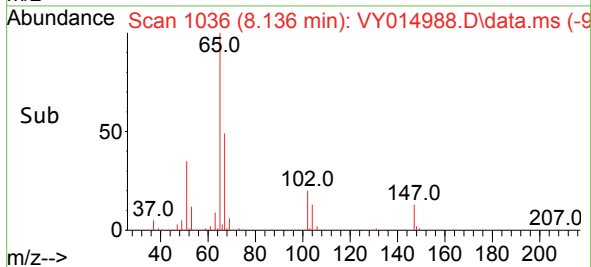
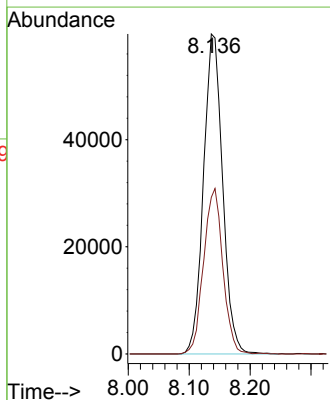
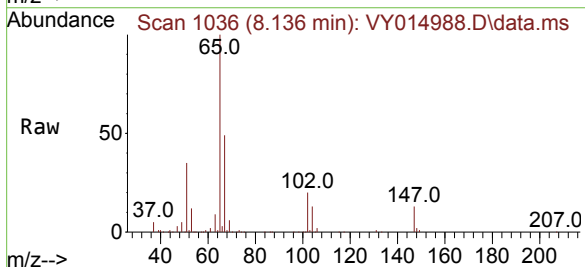
Instrument :
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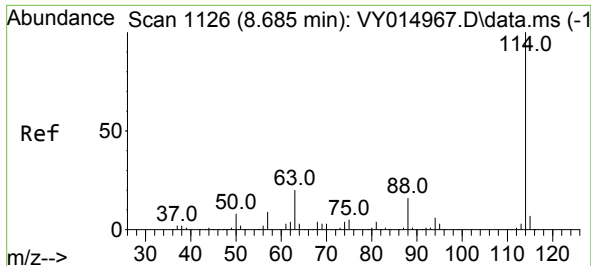
Tgt Ion: 56 Resp: 4192
Ion Ratio Lower Upper
56 100
69 155.3 27.8 41.6#
84 109.5 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 56.721 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY014988.D
Acq: 08 Aug 2023 16:23

Tgt Ion: 65 Resp: 130253
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.8

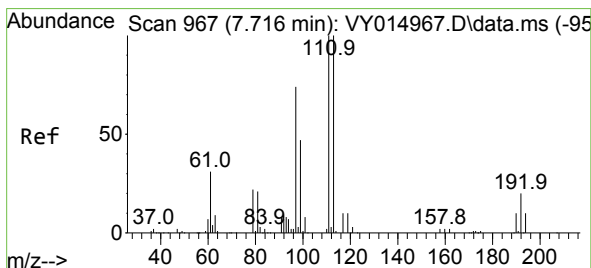
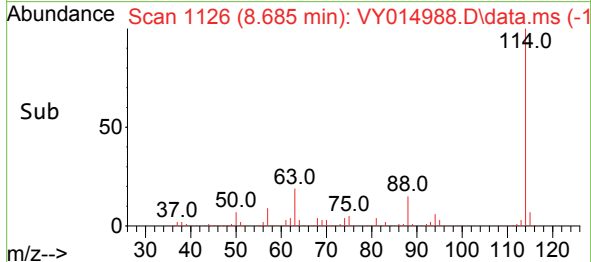
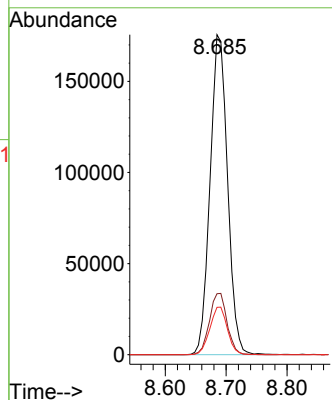
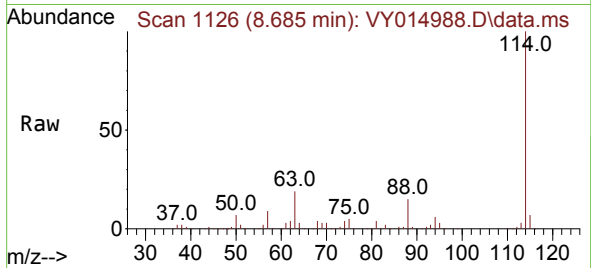




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY014988.D
Acq: 08 Aug 2023 16:23

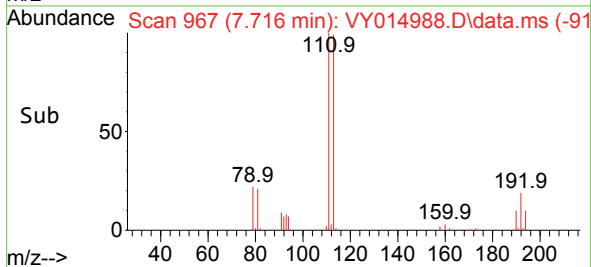
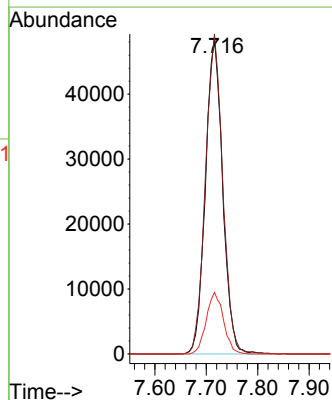
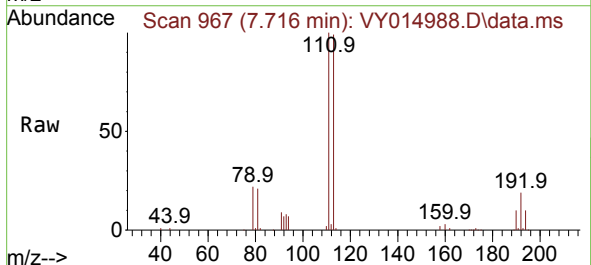
Instrument :
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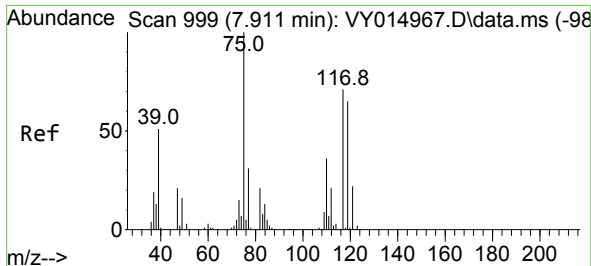
Tgt Ion:114 Resp: 349740
Ion Ratio Lower Upper
114 100
63 19.1 0.0 42.4
88 14.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.350 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014988.D
Acq: 08 Aug 2023 16:23

Tgt Ion:113 Resp: 112608
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.6 16.9 25.3

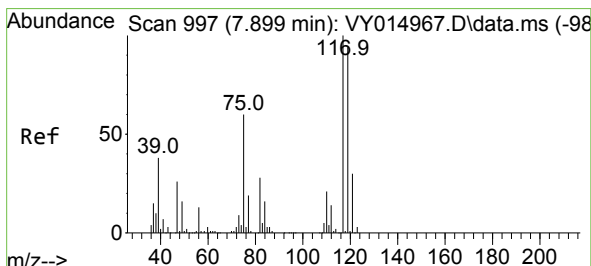
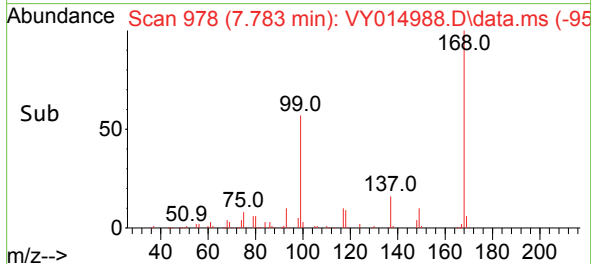
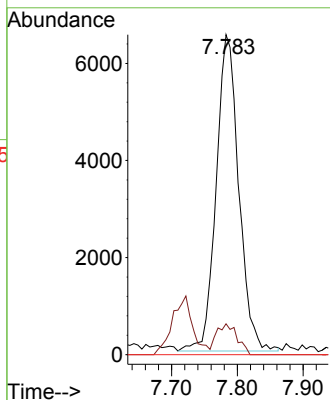
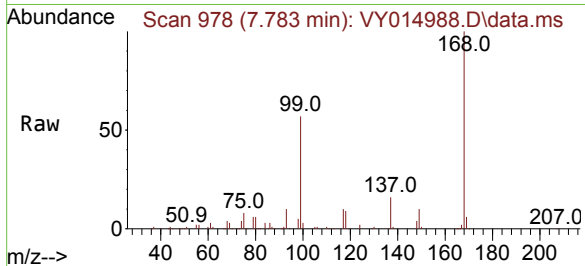




#36
1,1-Dichloropropene
Concen: 5.622 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY014988.D
Acq: 08 Aug 2023 16:23

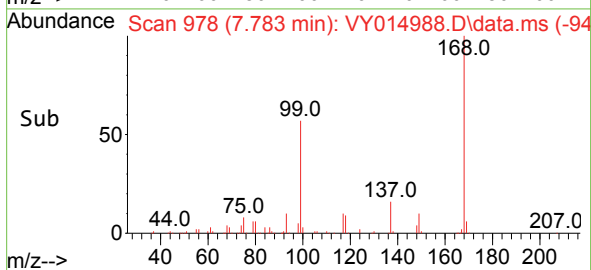
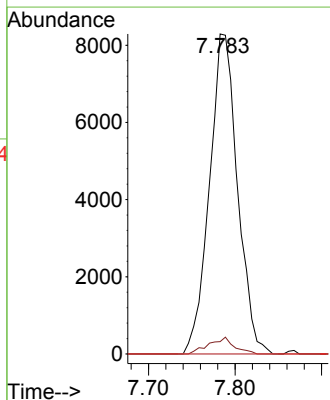
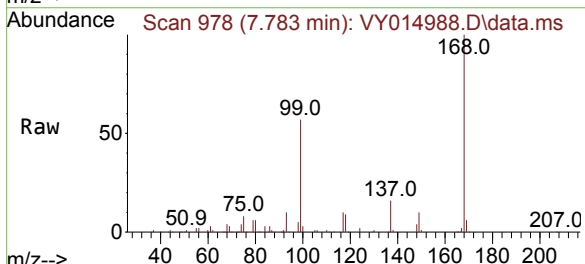
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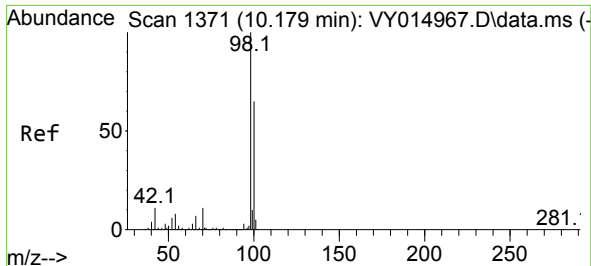
Tgt Ion: 75 Resp: 15610
Ion Ratio Lower Upper
75 100
110 8.9 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.981 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY014988.D
Acq: 08 Aug 2023 16:23

Tgt Ion: 117 Resp: 18671
Ion Ratio Lower Upper
117 100
119 3.9 76.4 114.6#
121 0.0 25.8 38.6#

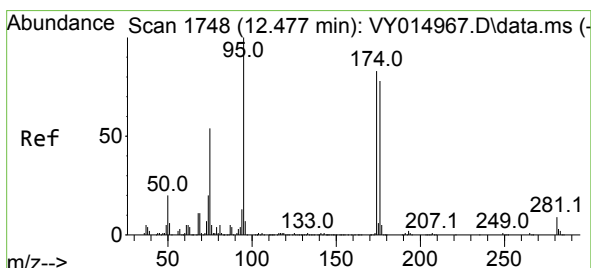
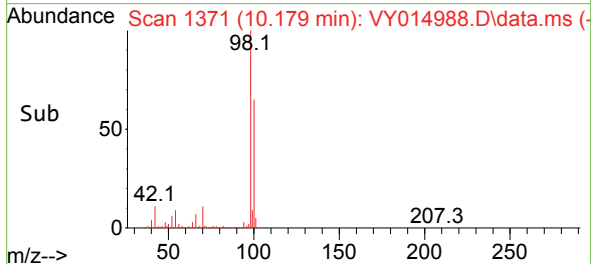
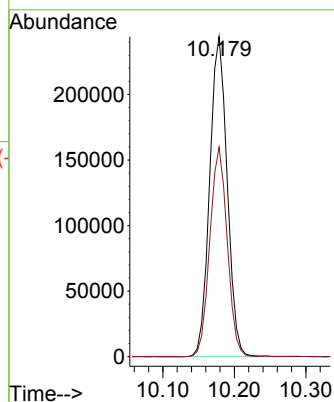
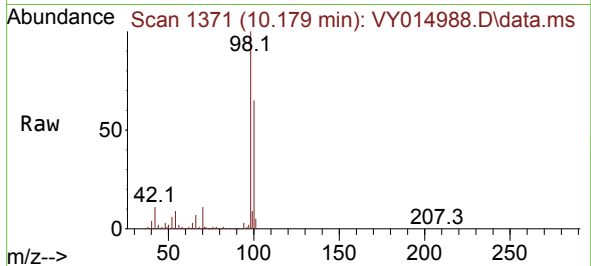




#50
Toluene-d8
Concen: 48.692 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014988.D
Acq: 08 Aug 2023 16:23

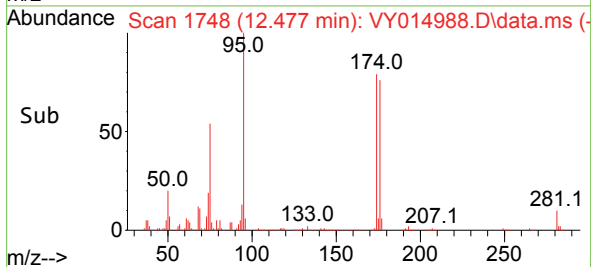
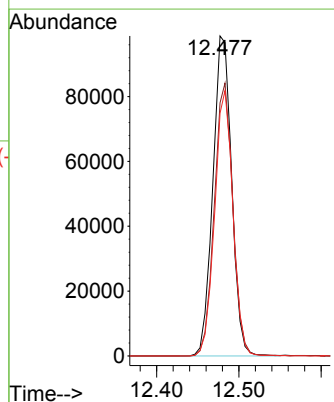
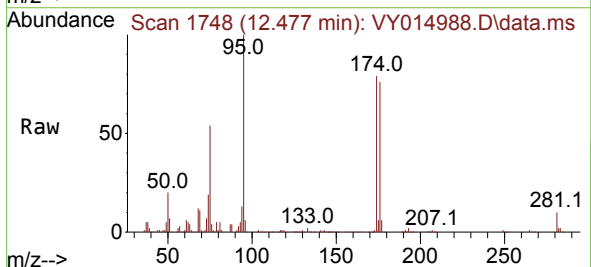
Instrument :
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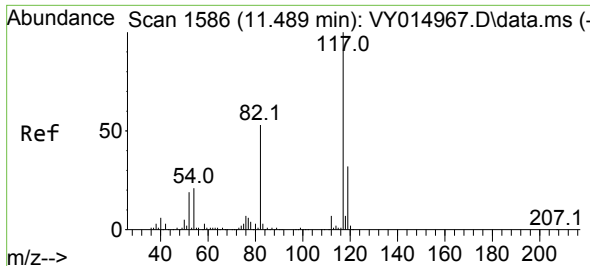
Tgt Ion: 98 Resp: 414498
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 51.850 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY014988.D
Acq: 08 Aug 2023 16:23

Tgt Ion: 95 Resp: 156435
Ion Ratio Lower Upper
95 100
174 84.3 0.0 178.2
176 81.0 0.0 173.8

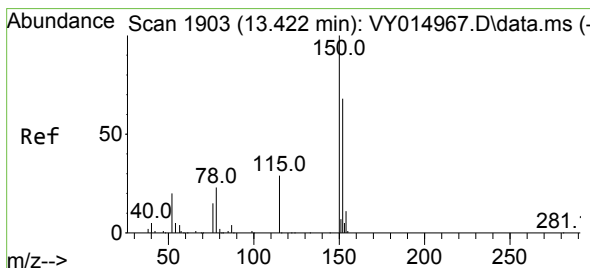
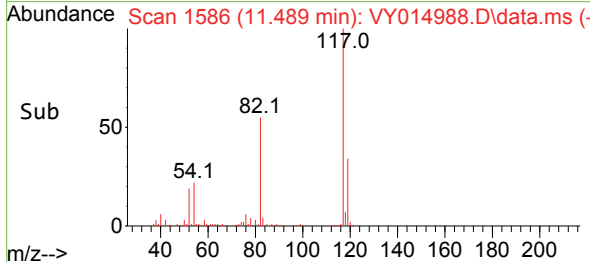
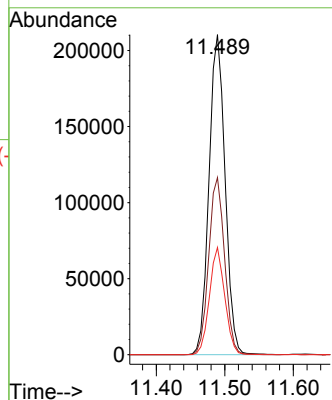
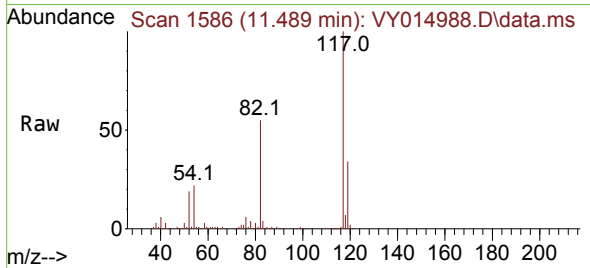




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY014988.D
Acq: 08 Aug 2023 16:23

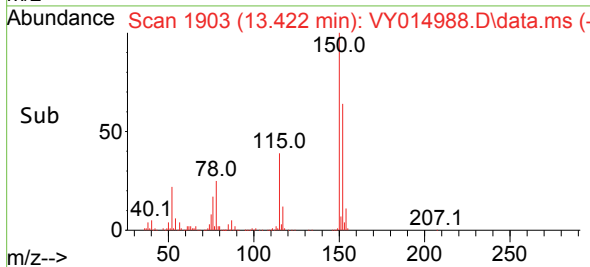
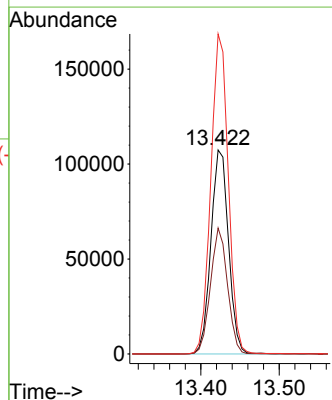
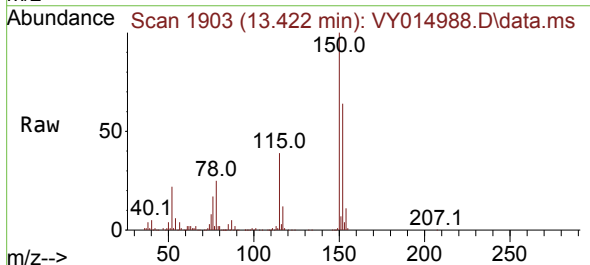
Instrument :
MSVOA_Y
ClientSampleId :
TP-36

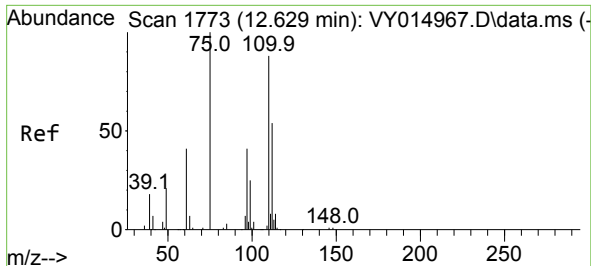
Tgt Ion:117 Resp: 343399
Ion Ratio Lower Upper
117 100
82 55.3 43.4 65.0
119 33.5 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY014988.D
Acq: 08 Aug 2023 16:23

Tgt Ion:152 Resp: 167559
Ion Ratio Lower Upper
152 100
115 59.7 28.8 86.5
150 155.8 0.0 348.8

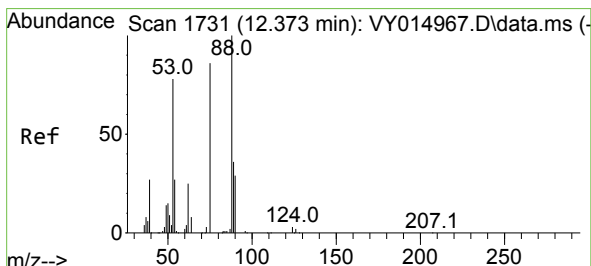
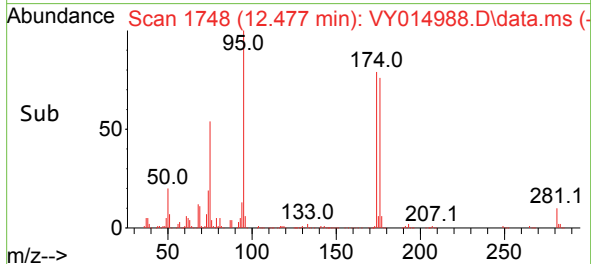
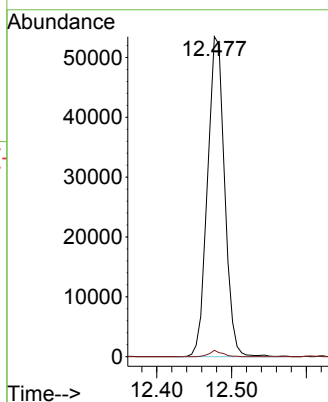
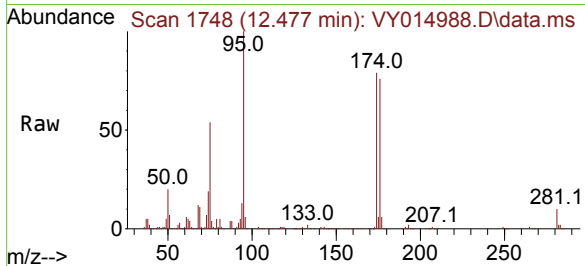




#76
1,2,3-Trichloropropane
Concen: 42.553 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.152 min
Lab File: VY014988.D
Acq: 08 Aug 2023 16:23

Instrument :
MSVOA_Y
ClientSampleId :
TP-36

Tgt Ion: 75 Resp: 85435
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.744 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY014988.D
Acq: 08 Aug 2023 16:23

Tgt Ion: 75 Resp: 85435
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

