

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120623\
 Data File : VY016612.D
 Acq On : 06 Dec 2023 13:47
 Operator : SY/MD
 Sample : 05538-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-02-112223RE

Quant Time: Dec 07 00:32:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 2023
 Response via : Initial Calibration

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

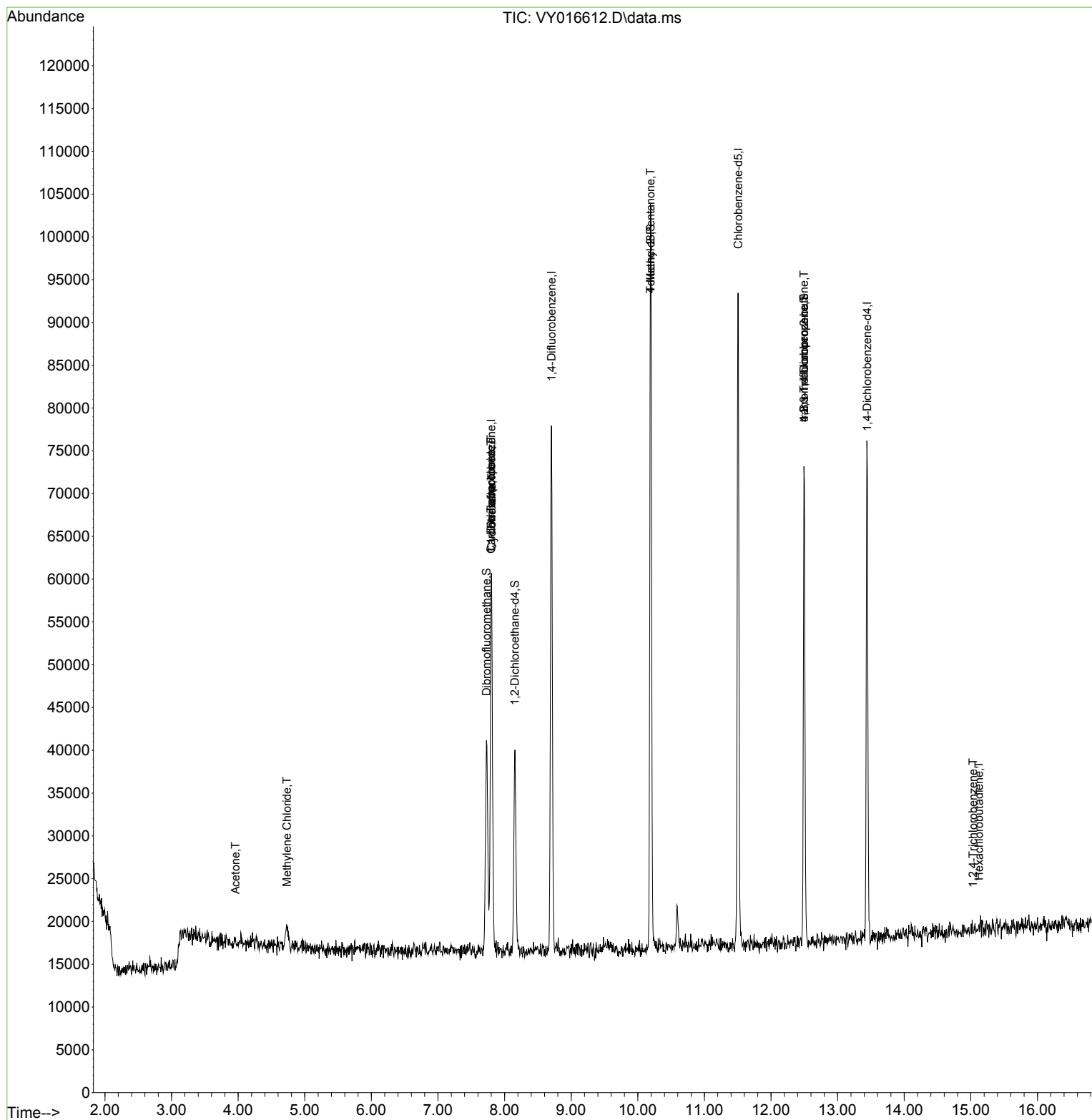
Internal Standards						
1) Pentafluorobenzene	7.801	168	35800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	53727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	46546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.447	152	17092	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	19920	60.202	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.400%	
35) Dibromofluoromethane	7.728	113	17435	53.923	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.840%	
50) Toluene-d8	10.191	98	60202	49.224	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.440%	
62) 4-Bromofluorobenzene	12.495	95	16147	40.147	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 80.300%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	315	4.207	ug/l #	46
20) Methylene Chloride	4.735	84	1872	2.468	ug/l #	70
31) Cyclohexane	7.807	56	725	1.283	ug/l #	34
36) 1,1-Dichloropropene	7.795	75	2410	4.903	ug/l #	50
38) Carbon Tetrachloride	7.795	117	3587	6.304	ug/l #	17
51) 4-Methyl-2-Pentanone	10.191	43	271	1.314	ug/l #	1
76) 1,2,3-Trichloropropane	12.495	75	8907	57.689	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	8907	130.135	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.032	180	281	1.019	ug/l #	81
94) Hexachlorobutadiene	15.123	225	181	1.039	ug/l #	26
95) Naphthalene	15.263	128	500	Below Cal	#	69

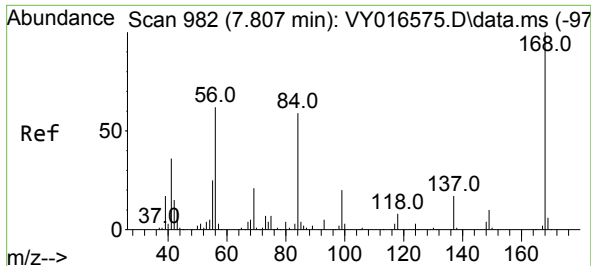
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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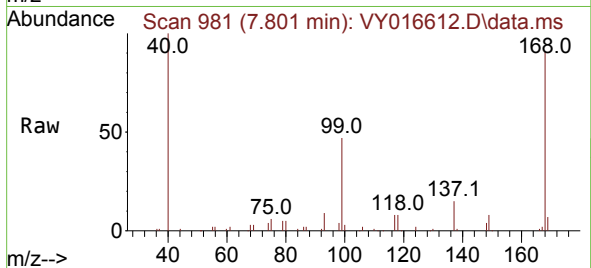
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 05 01:24:25 2023
Response via : Initial Calibration



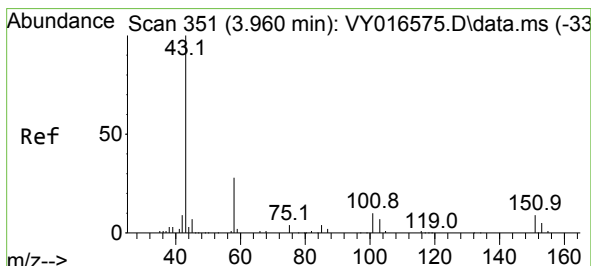
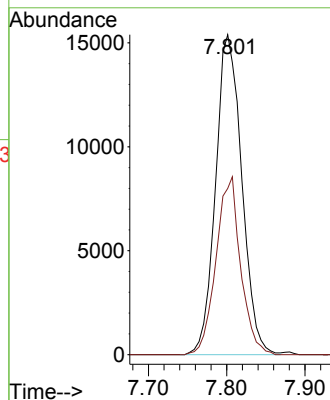
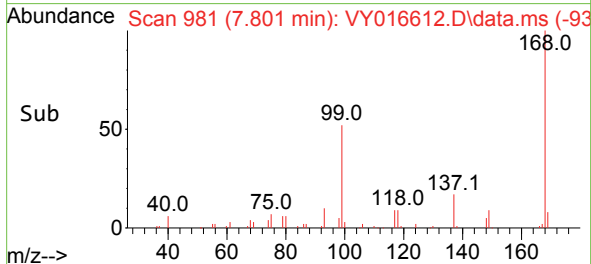


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016612.D
Acq: 06 Dec 2023 13:47

Instrument :
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ClientSampleId :
HR-02-112223RE

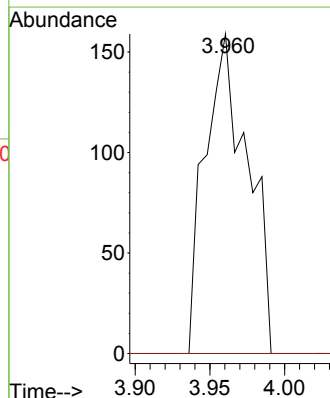
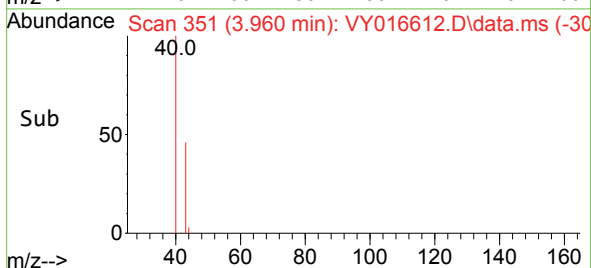
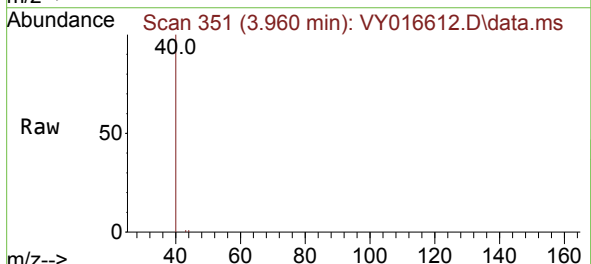


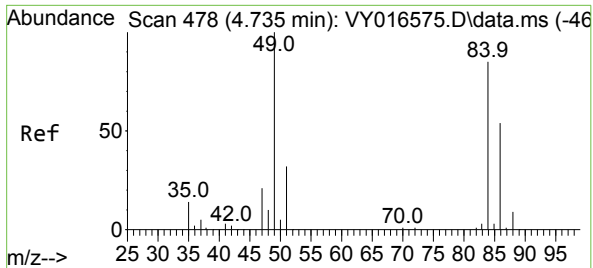
Tgt Ion:168 Resp: 35800
Ion Ratio Lower Upper
168 100
99 51.9 43.4 65.0



#16
Acetone
Concen: 4.207 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY016612.D
Acq: 06 Dec 2023 13:47

Tgt Ion: 43 Resp: 315
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#

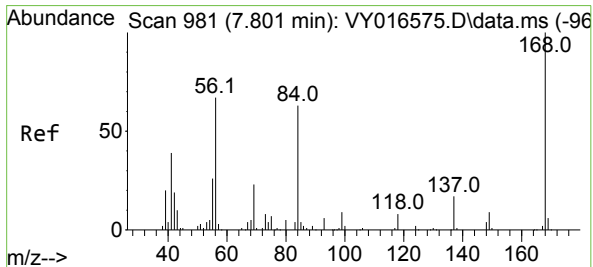
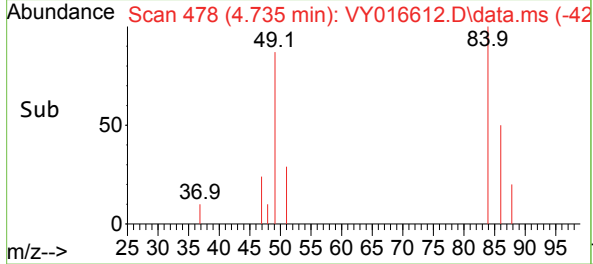
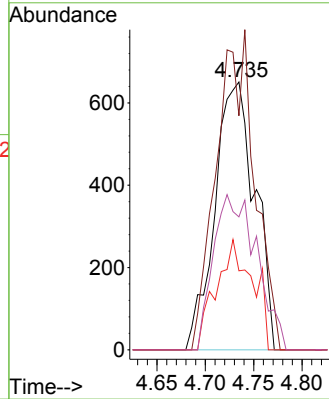
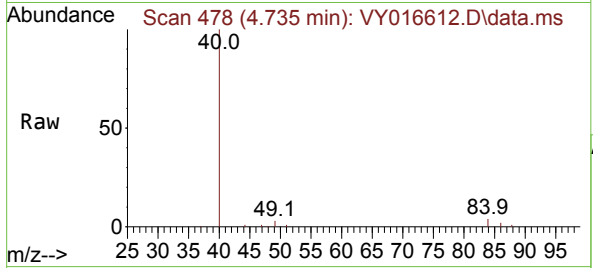




#20
Methylene Chloride
Concen: 2.468 ug/l
RT: 4.735 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY016612.D
Acq: 06 Dec 2023 13:47

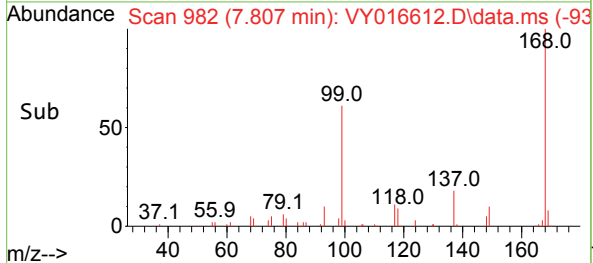
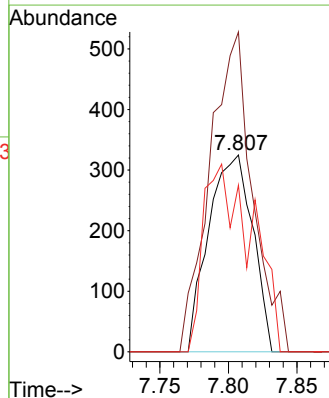
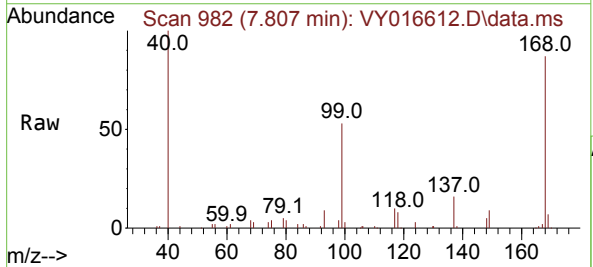
Instrument :
MSVOA_Y
ClientSampleId :
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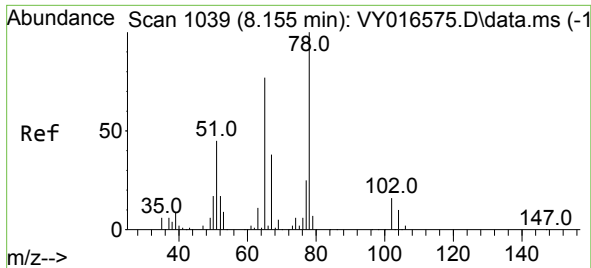
Tgt Ion:	84	Resp:	1872
Ion	Ratio	Lower	Upper
84	100		
49	87.4	106.9	160.3#
51	29.5	33.2	49.8#
86	49.6	51.0	76.6#



#31
Cyclohexane
Concen: 1.283 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY016612.D
Acq: 06 Dec 2023 13:47

Tgt Ion:	56	Resp:	725
Ion	Ratio	Lower	Upper
56	100		
69	162.5	27.8	41.6#
84	84.6	66.4	99.6

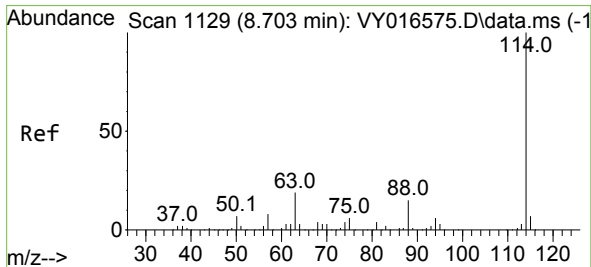
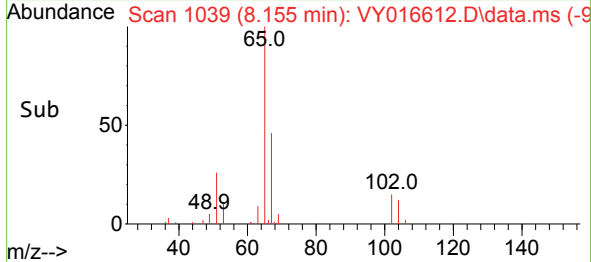
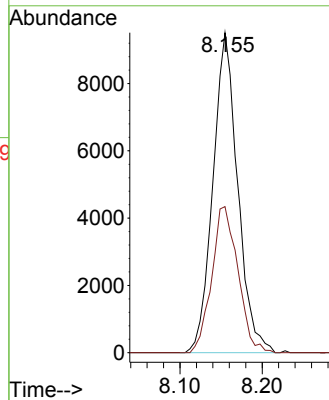
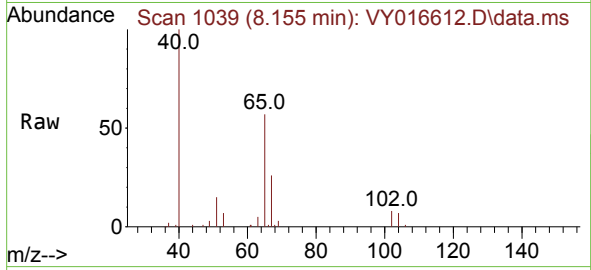




#33
1,2-Dichloroethane-d4
Concen: 60.202 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016612.D
Acq: 06 Dec 2023 13:47

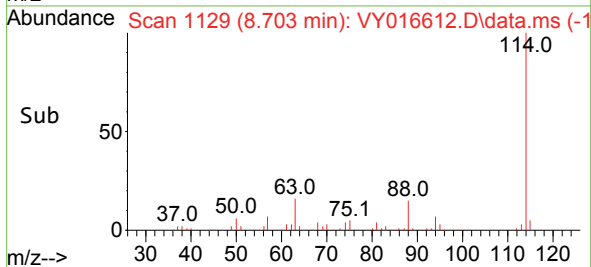
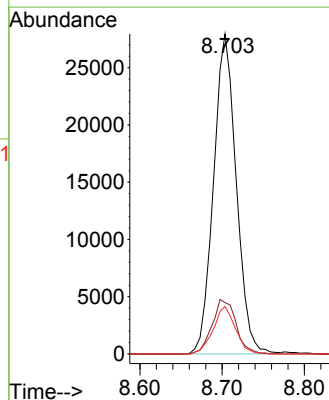
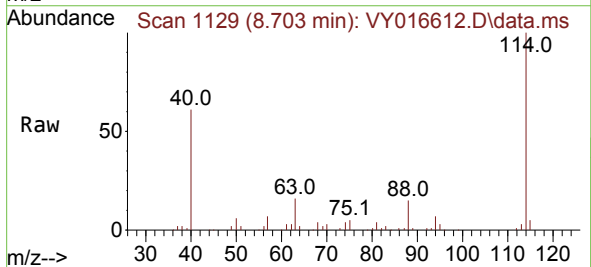
Instrument :
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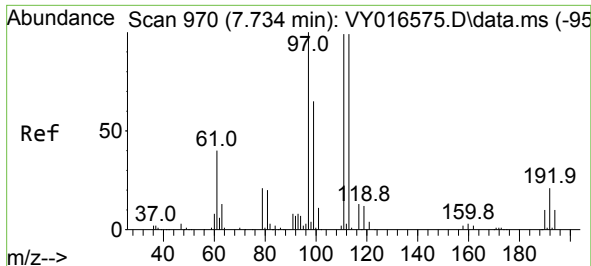
Tgt Ion: 65 Resp: 19920
Ion Ratio Lower Upper
65 100
67 48.3 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VY016612.D
Acq: 06 Dec 2023 13:47

Tgt Ion: 114 Resp: 53727
Ion Ratio Lower Upper
114 100
63 16.0 0.0 42.4
88 14.9 0.0 30.6

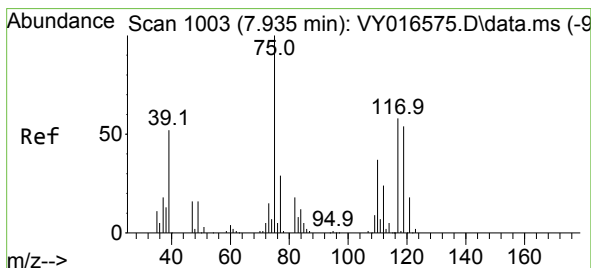
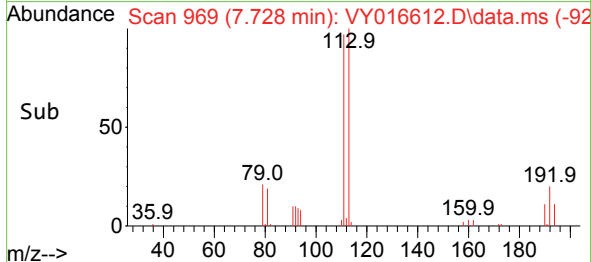
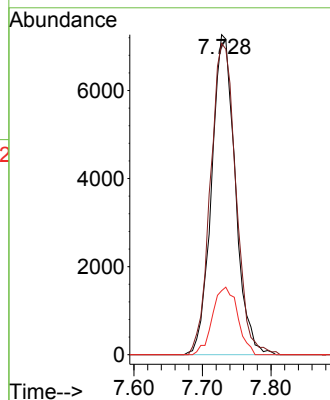
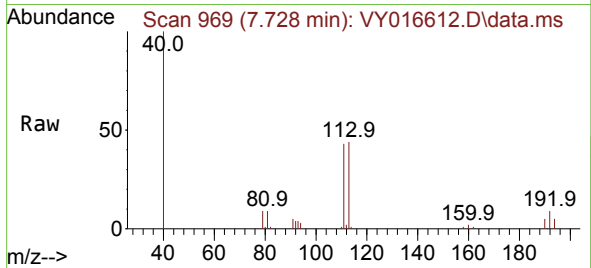




#35
Dibromofluoromethane
Concen: 53.923 ug/l
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016612.D
Acq: 06 Dec 2023 13:47

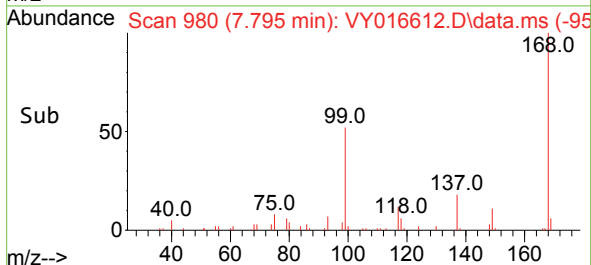
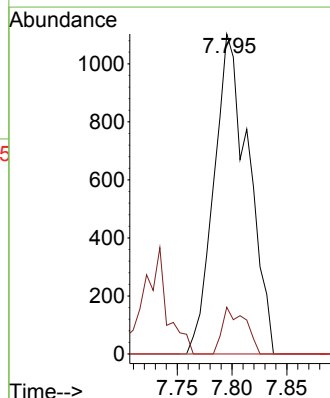
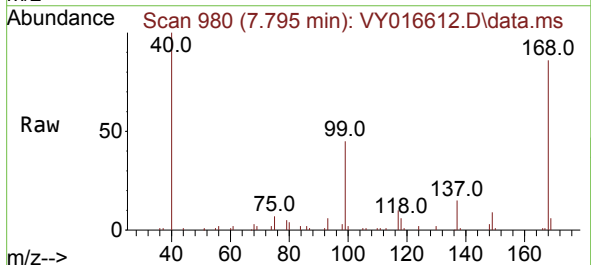
Instrument :
MSVOA_Y
ClientSampleId :
HR-02-112223RE

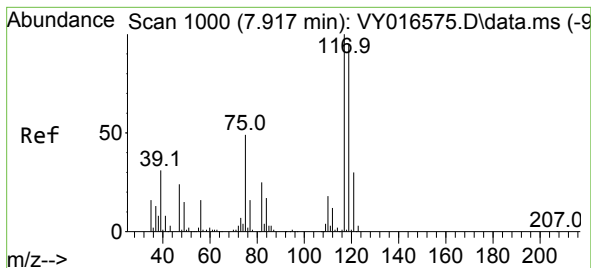
Tgt Ion:113 Resp: 17435
Ion Ratio Lower Upper
113 100
111 104.2 81.3 121.9
192 22.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.903 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.140 min
Lab File: VY016612.D
Acq: 06 Dec 2023 13:47

Tgt Ion: 75 Resp: 2410
Ion Ratio Lower Upper
75 100
110 9.8 17.8 53.5#
77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 6.304 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY016612.D

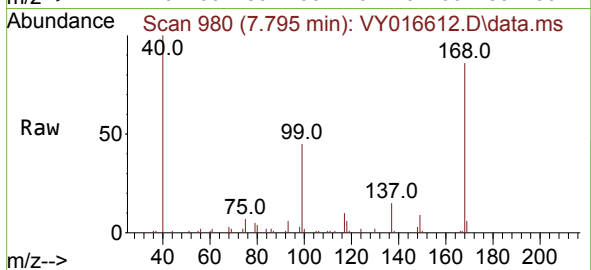
Acq: 06 Dec 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :

HR-02-112223RE



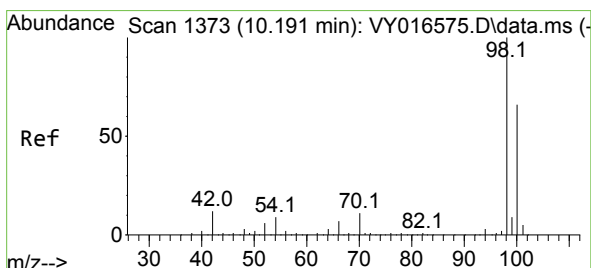
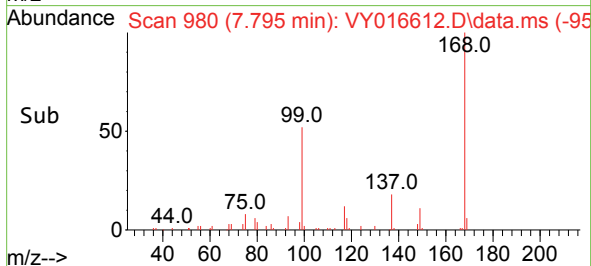
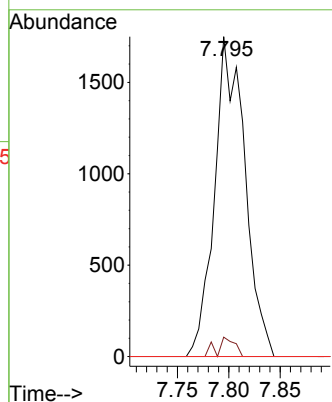
Tgt Ion:117 Resp: 3587

Ion Ratio Lower Upper

117 100

119 6.1 76.4 114.6#

121 0.0 25.8 38.6#



#50

Toluene-d8

Concen: 49.224 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016612.D

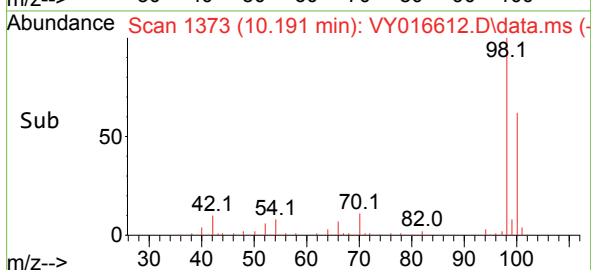
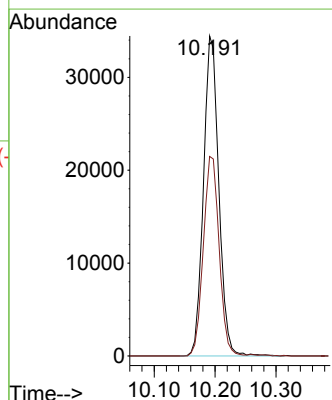
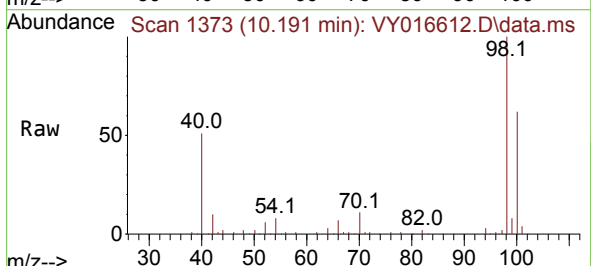
Acq: 06 Dec 2023 13:47

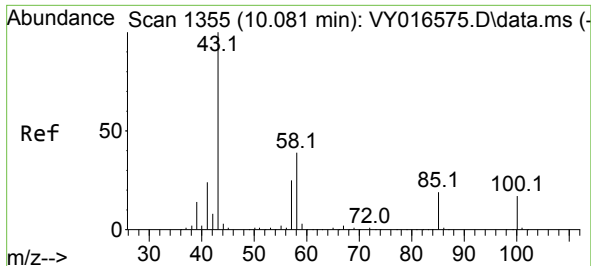
Tgt Ion: 98 Resp: 60202

Ion Ratio Lower Upper

98 100

100 64.3 50.1 75.1

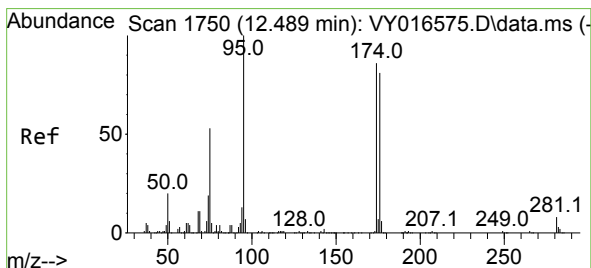
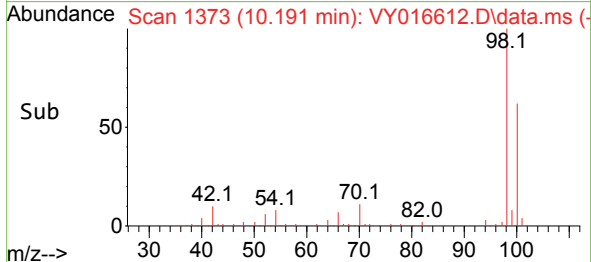
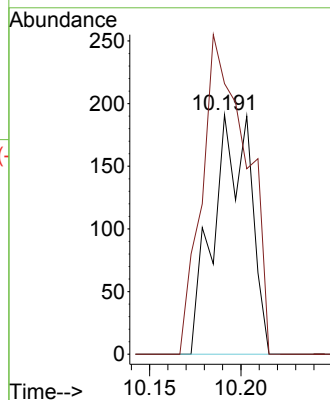
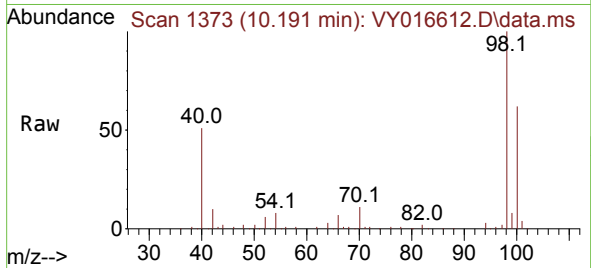




#51
4-Methyl-2-Pentanone
Concen: 1.314 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY016612.D
Acq: 06 Dec 2023 13:47

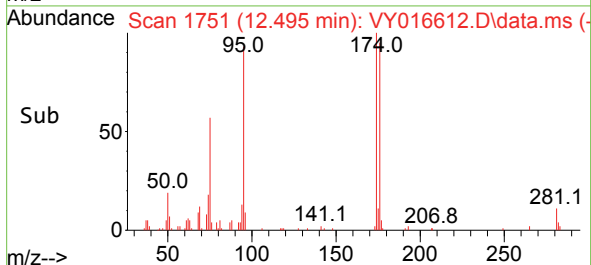
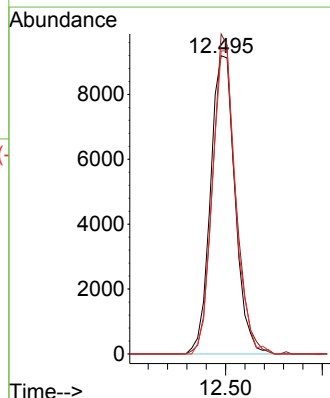
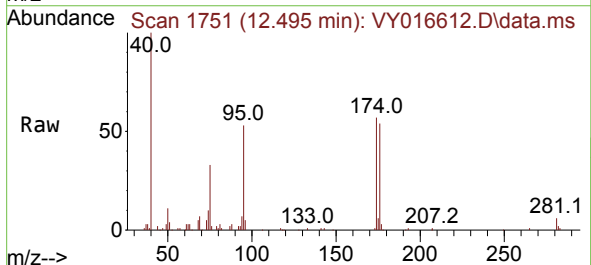
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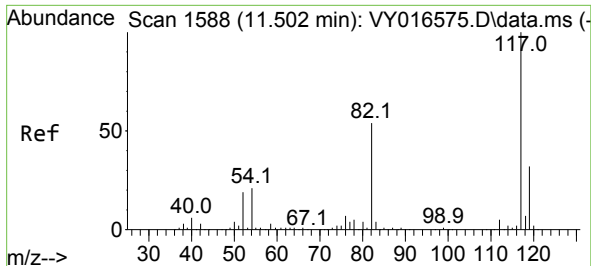
Tgt Ion: 43 Resp: 271
Ion Ratio Lower Upper
43 100
58 158.7 29.0 43.6#



#62
4-Bromofluorobenzene
Concen: 40.147 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016612.D
Acq: 06 Dec 2023 13:47

Tgt Ion: 95 Resp: 16147
Ion Ratio Lower Upper
95 100
174 99.6 0.0 178.2
176 97.0 0.0 173.8

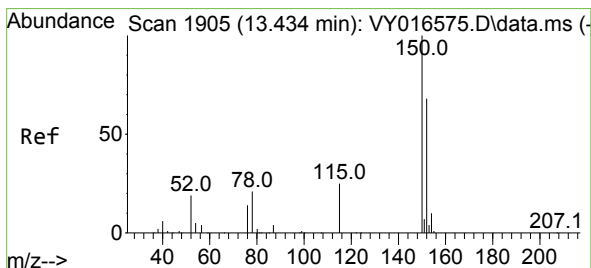
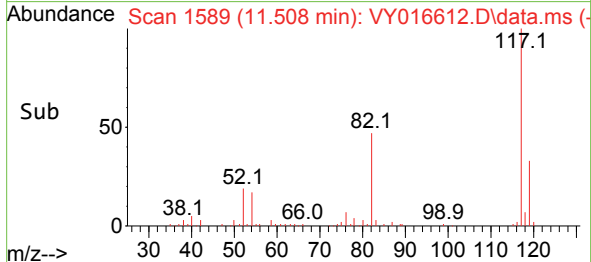
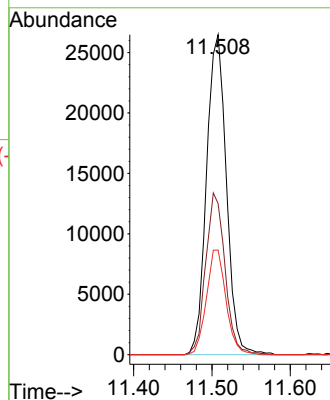
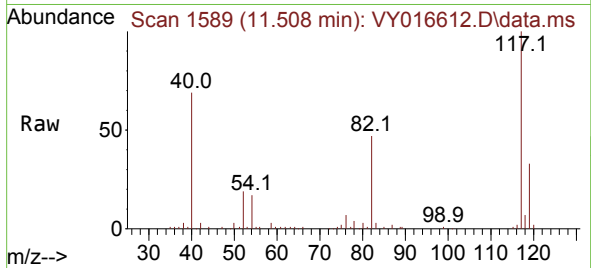




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016612.D
Acq: 06 Dec 2023 13:47

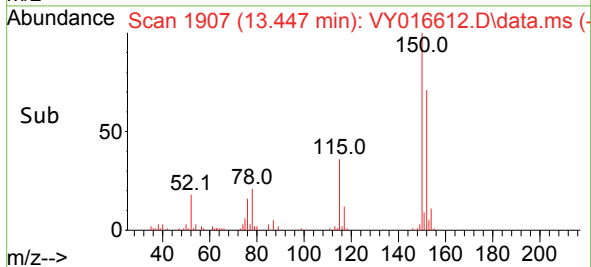
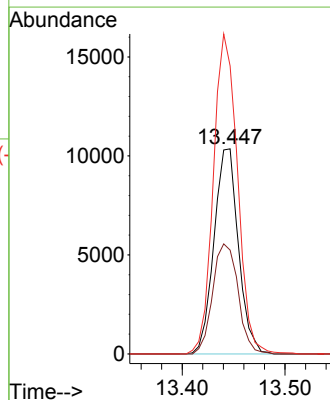
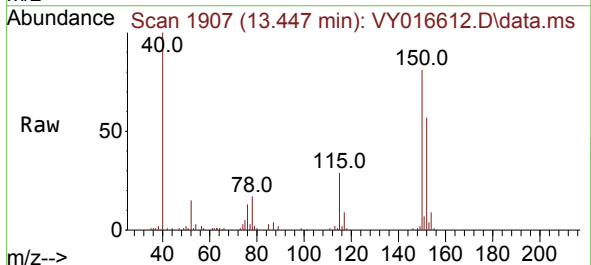
Instrument :
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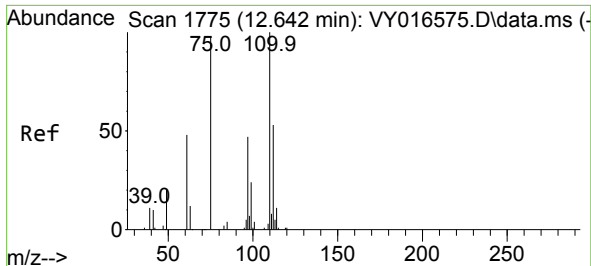
Tgt Ion:117 Resp: 46546
Ion Ratio Lower Upper
117 100
82 47.2 43.4 65.0
119 32.7 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.012 min
Lab File: VY016612.D
Acq: 06 Dec 2023 13:47

Tgt Ion:152 Resp: 17092
Ion Ratio Lower Upper
152 100
115 55.8 28.8 86.5
150 153.9 0.0 348.8

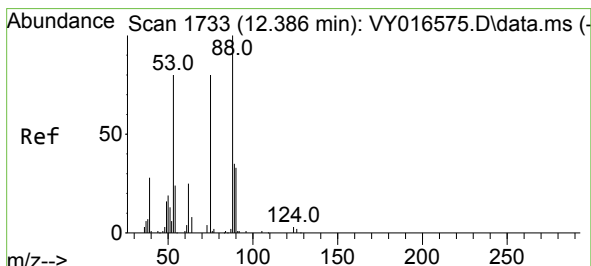
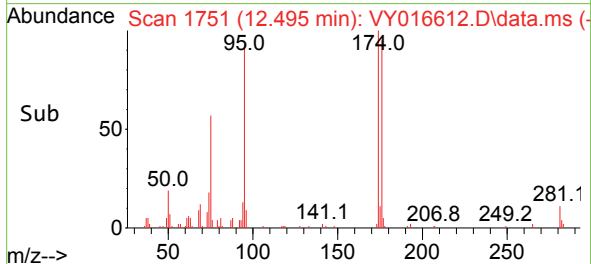
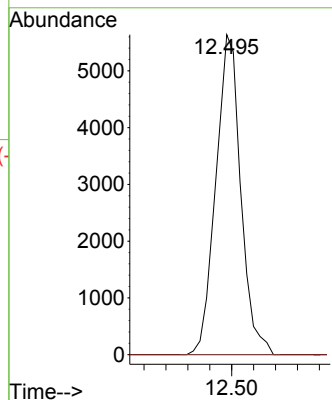
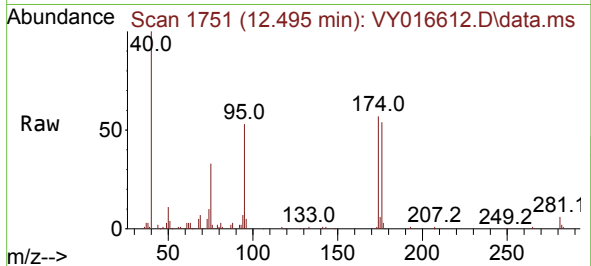




#76
1,2,3-Trichloropropane
Concen: 57.689 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.146 min
Lab File: VY016612.D
Acq: 06 Dec 2023 13:47

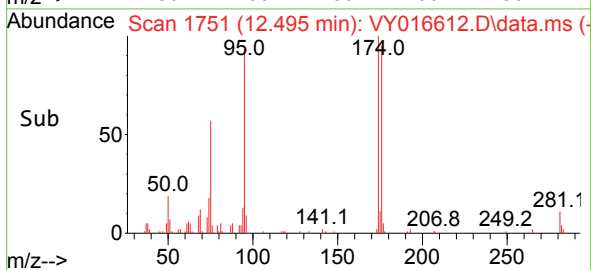
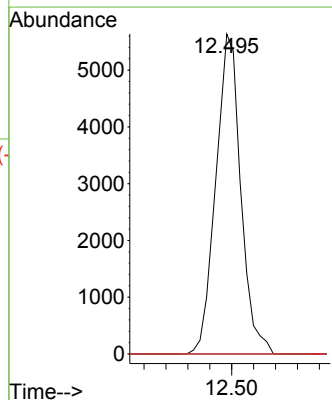
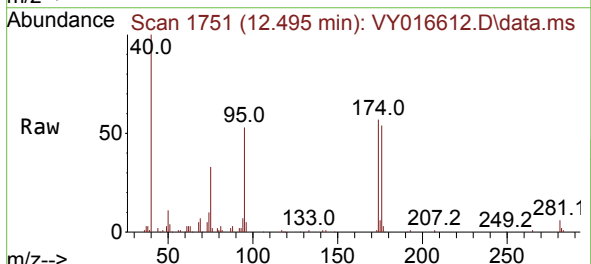
Instrument :
MSVOA_Y
ClientSampleId :
HR-02-112223RE

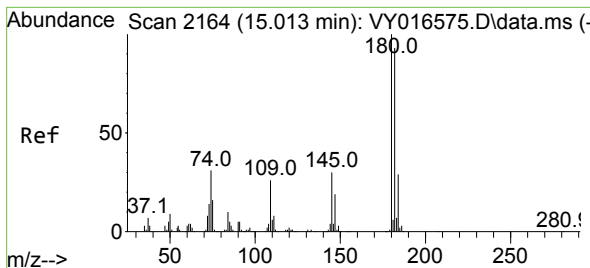
Tgt Ion: 75 Resp: 8907
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 130.135 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY016612.D
Acq: 06 Dec 2023 13:47

Tgt Ion: 75 Resp: 8907
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#





#93

1,2,4-Trichlorobenzene

Concen: 1.019 ug/l

RT: 15.032 min Scan# 2167

Delta R.T. 0.018 min

Lab File: VY016612.D

Acq: 06 Dec 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :

HR-02-112223RE

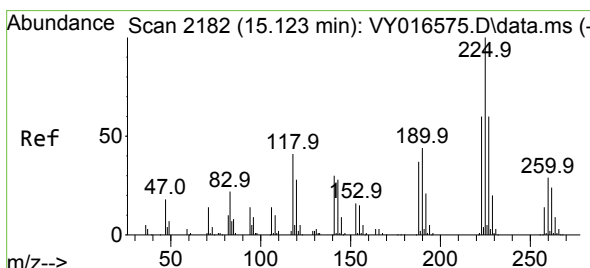
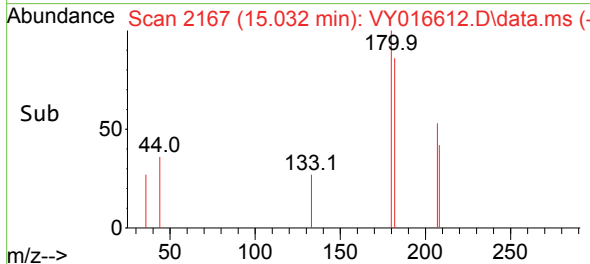
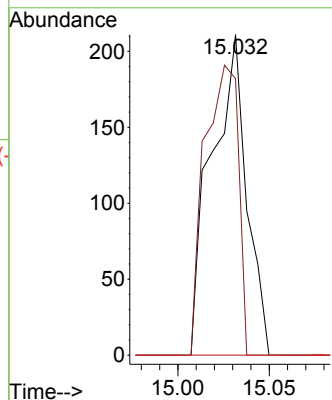
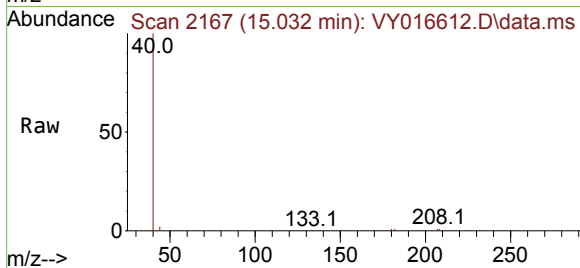
Tgt Ion:180 Resp: 281

Ion Ratio Lower Upper

180 100

182 86.8 47.0 141.2

145 0.0 14.5 43.5#



#94

Hexachlorobutadiene

Concen: 1.039 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016612.D

Acq: 06 Dec 2023 13:47

Tgt Ion:225 Resp: 181

Ion Ratio Lower Upper

225 100

223 13.3 31.9 95.9#

227 0.0 33.0 98.9#

