

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080823\
 Data File : VY014989.D
 Acq On : 08 Aug 2023 16:46
 Operator : SY/MD
 Sample : 03920-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-3-080723

Quant Time: Aug 09 01:02:27 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)

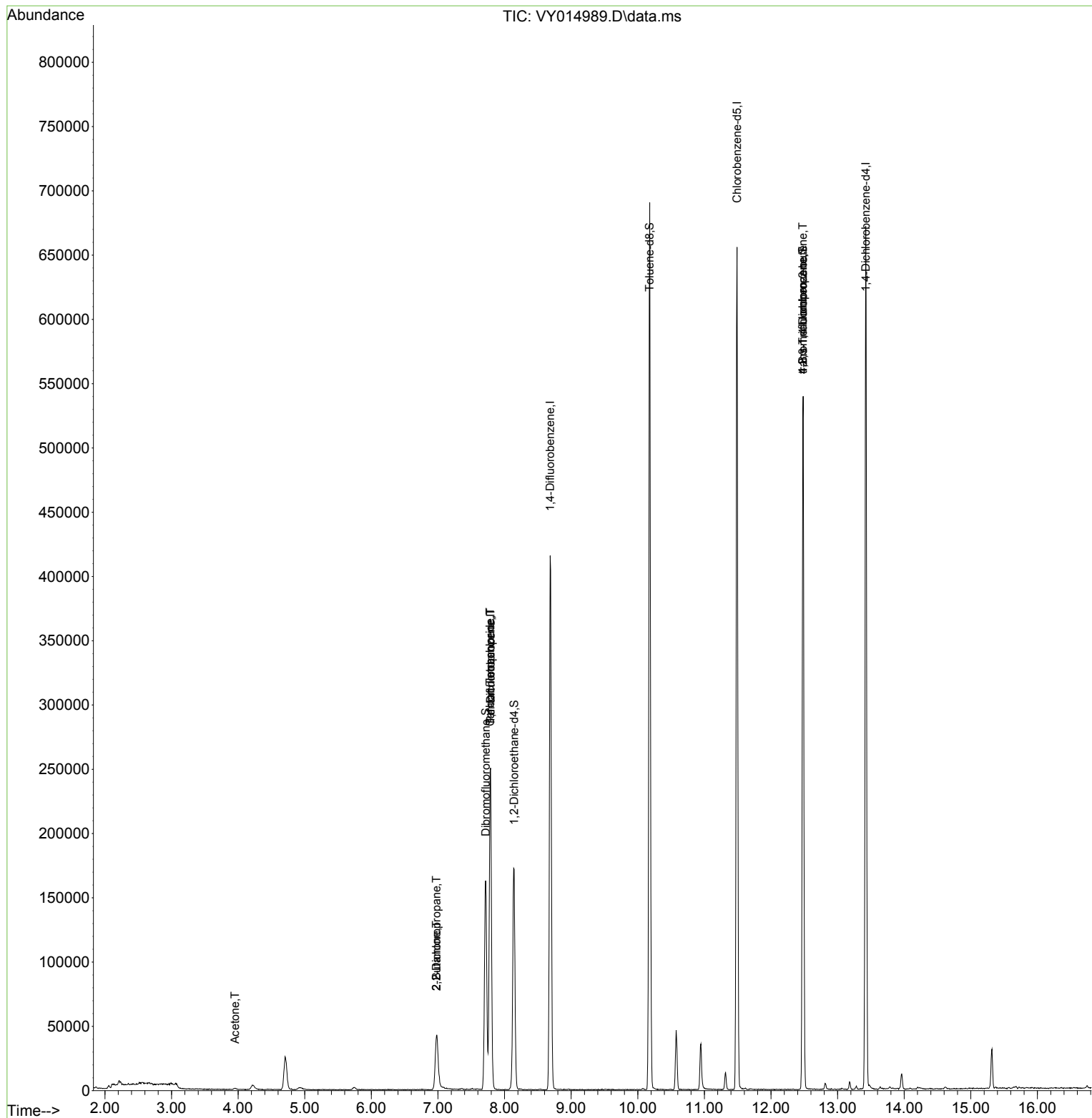
Internal Standards						
1) Pentafluorobenzene	7.789	168	197732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	361502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	354895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	170457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	136765	57.067	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.140%
35) Dibromofluoromethane	7.716	113	115178	49.823	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.640%
50) Toluene-d8	10.179	98	434368	49.366	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.740%
62) 4-Bromofluorobenzene	12.477	95	158759	50.908	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	49	Below Cal	#	43
5) Bromomethane	2.662	94	237	Below Cal	#	23
16) Acetone	3.954	43	1830	2.449	ug/l #	86
20) Methylene Chloride	4.704	84	19396	Below Cal		92
25) 2-Butanone	6.978	43	2671	2.495	ug/l #	67
26) 2,2-Dichloropropane	6.978	77	3738	1.074	ug/l #	54
31) Cyclohexane	7.783	56	3878	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	15332	5.342	ug/l #	49
38) Carbon Tetrachloride	7.783	117	20403	6.324	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	86484	42.343	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	86484	93.282	ug/l #	10

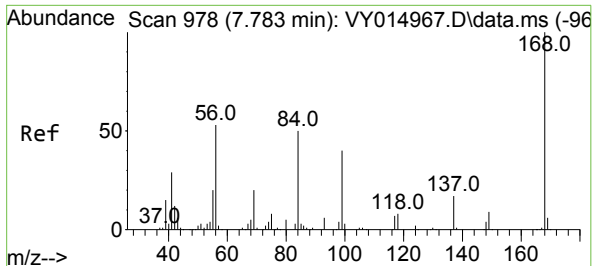
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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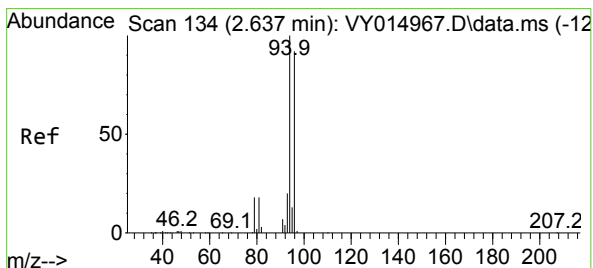
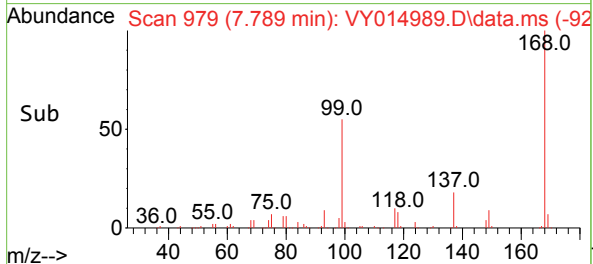
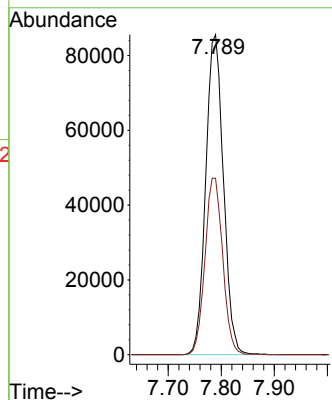
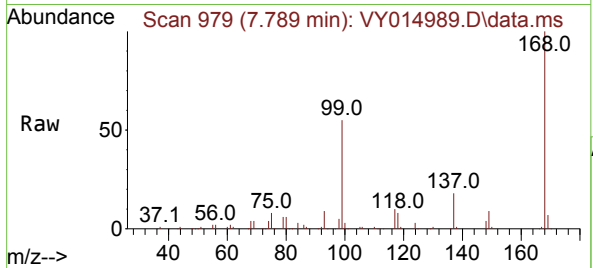




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014989.D
Acq: 08 Aug 2023 16:46

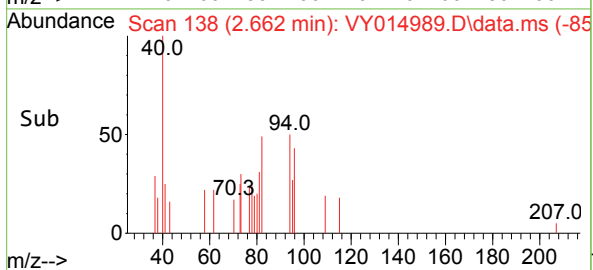
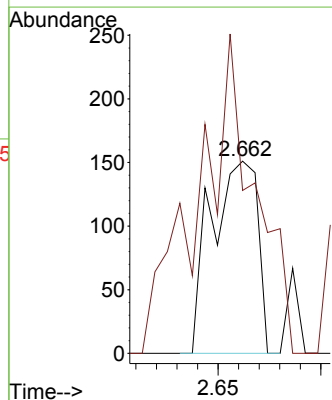
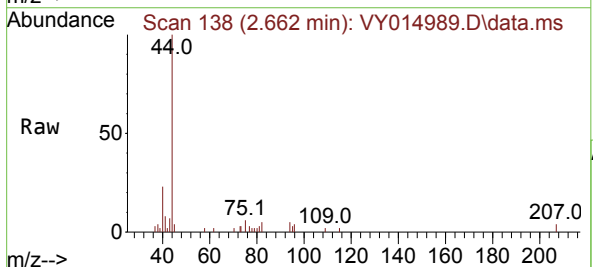
Instrument :
MSVOA_Y
ClientSampleId :
OR-3-080723

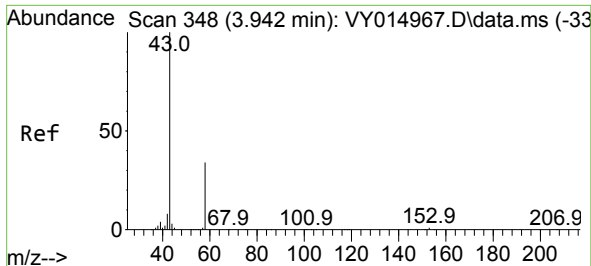
Tgt Ion:168 Resp: 197732
Ion Ratio Lower Upper
168 100
99 55.2 43.4 65.0



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.025 min
Lab File: VY014989.D
Acq: 08 Aug 2023 16:46

Tgt Ion: 94 Resp: 237
Ion Ratio Lower Upper
94 100
96 19.9 75.8 113.6#

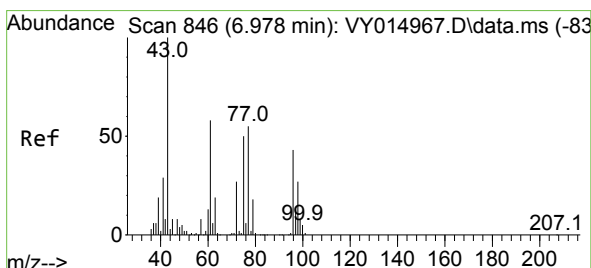
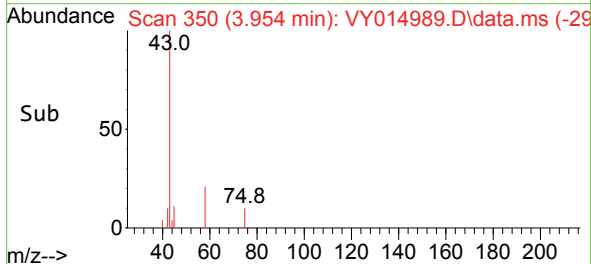
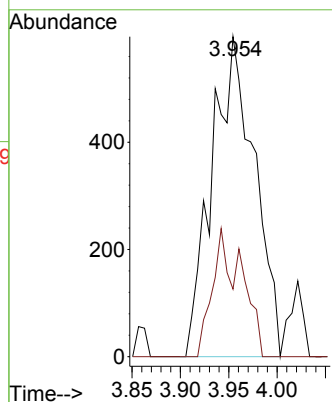
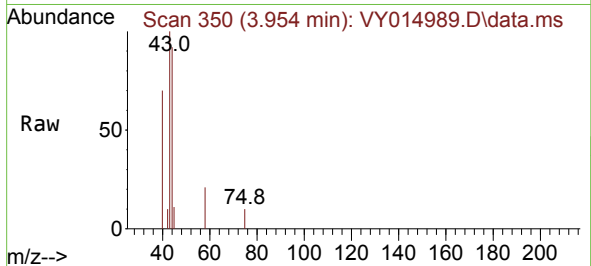




#16
Acetone
Concen: 2.449 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY014989.D
Acq: 08 Aug 2023 16:46

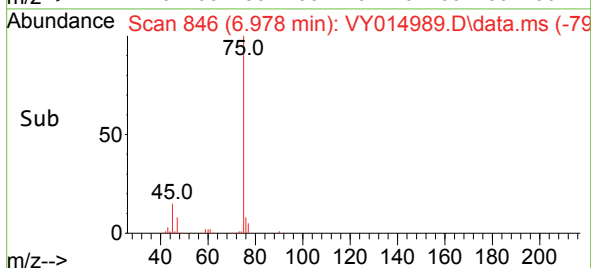
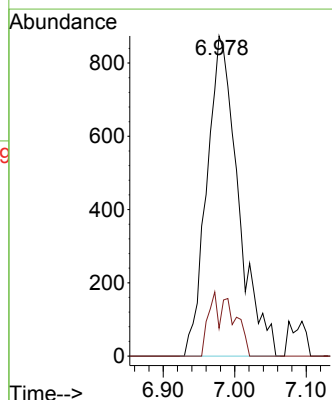
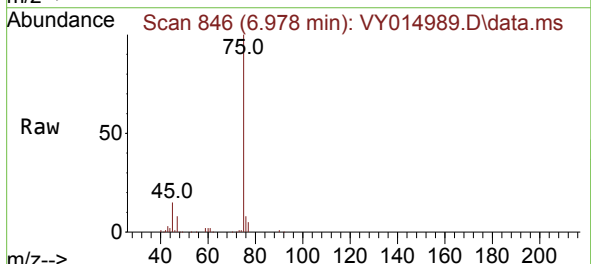
Instrument :
MSVOA_Y
ClientSampleId :
OR-3-080723

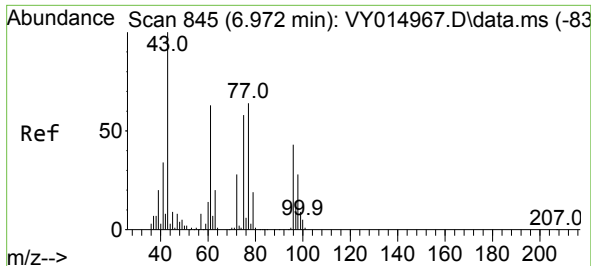
Tgt Ion: 43 Resp: 1830
Ion Ratio Lower Upper
43 100
58 21.1 22.7 34.1#



#25
2-Butanone
Concen: 2.495 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014989.D
Acq: 08 Aug 2023 16:46

Tgt Ion: 43 Resp: 2671
Ion Ratio Lower Upper
43 100
72 8.7 20.5 30.7#

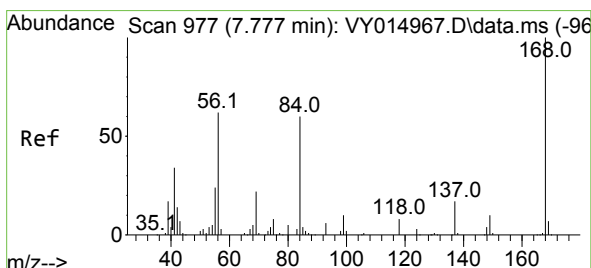
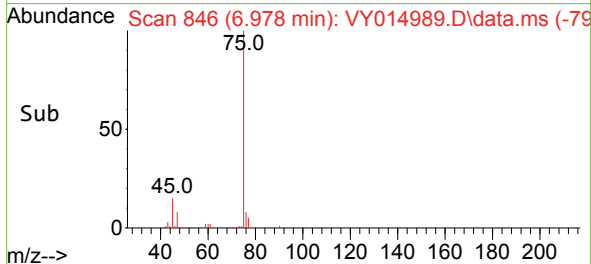
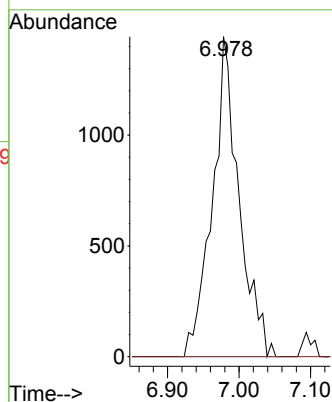
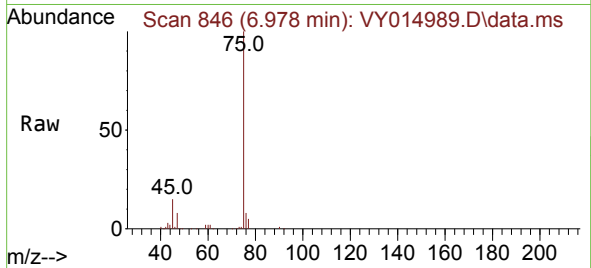




#26
2,2-Dichloropropane
Concen: 1.074 ug/l
RT: 6.978 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY014989.D
Acq: 08 Aug 2023 16:46

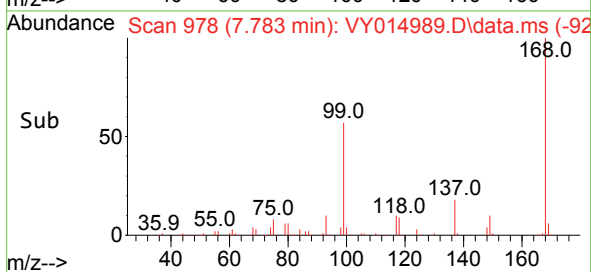
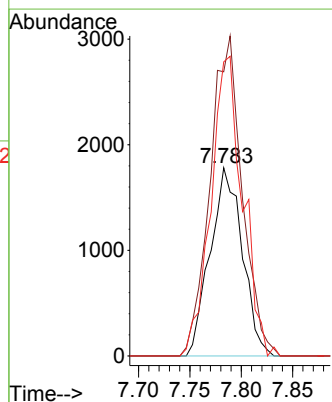
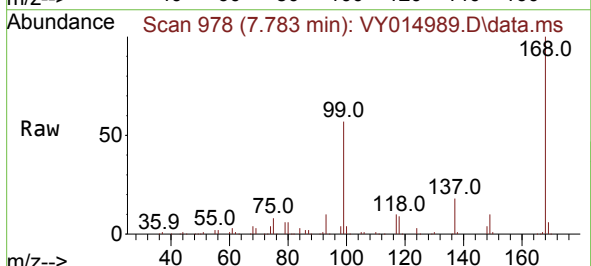
Instrument :
MSVOA_Y
ClientSampleId :
OR-3-080723

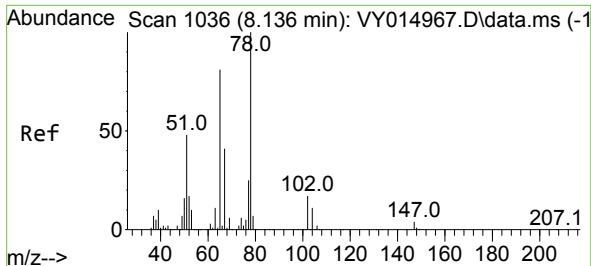
Tgt Ion: 77 Resp: 3738
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY014989.D
Acq: 08 Aug 2023 16:46

Tgt Ion: 56 Resp: 3878
Ion Ratio Lower Upper
56 100
69 151.0 27.8 41.6#
84 156.4 66.4 99.6#

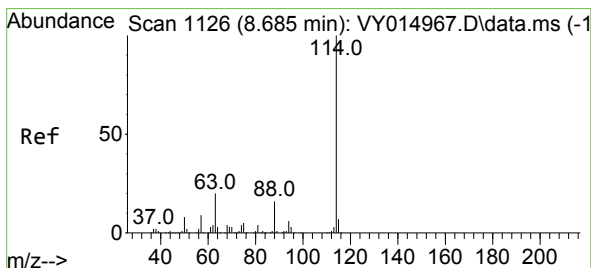
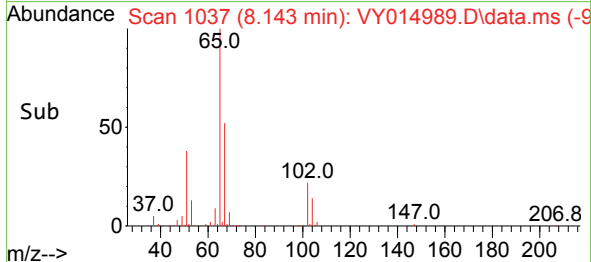
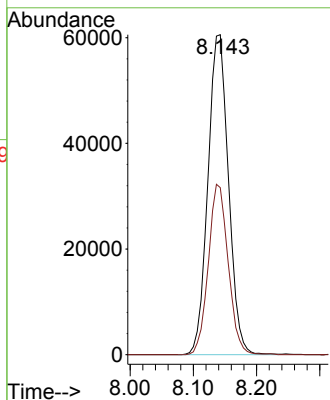
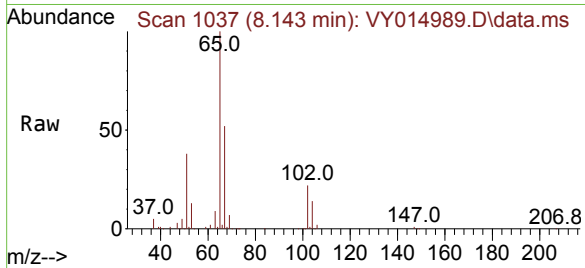




#33
 1,2-Dichloroethane-d4
 Concen: 57.067 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.006 min
 Lab File: VY014989.D
 Acq: 08 Aug 2023 16:46

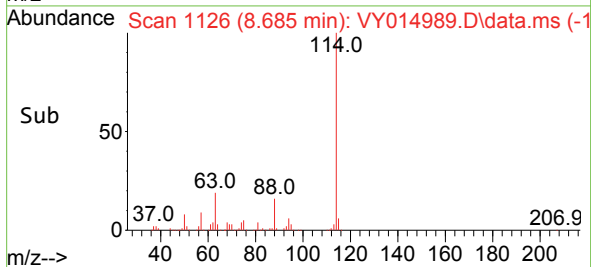
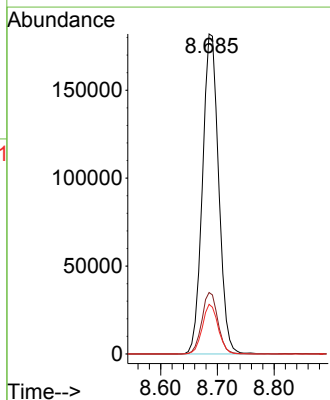
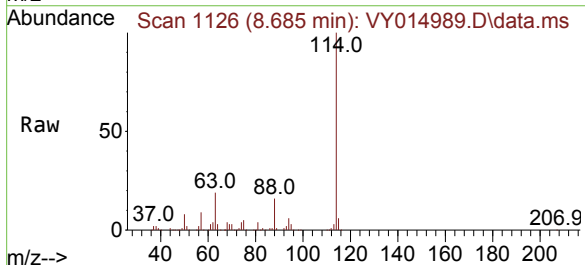
Instrument :
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 OR-3-080723

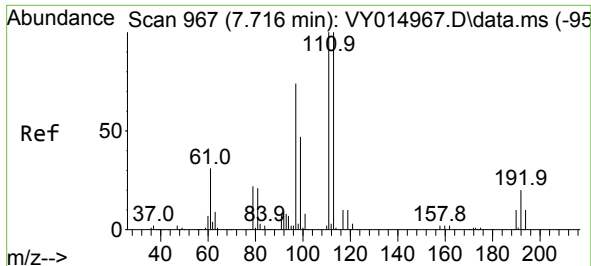
Tgt Ion: 65 Resp: 136765
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY014989.D
 Acq: 08 Aug 2023 16:46

Tgt Ion:114 Resp: 361502
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 42.4
 88 15.5 0.0 30.6

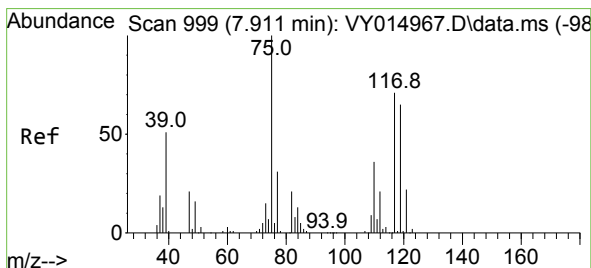
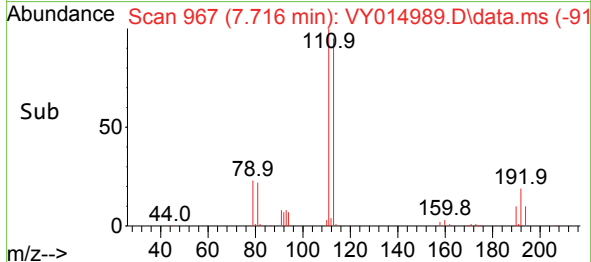
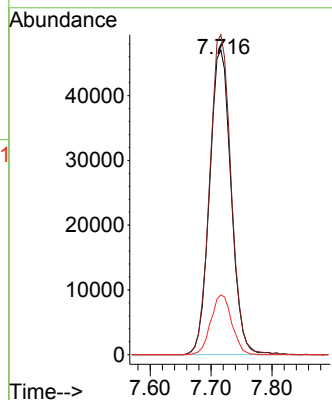
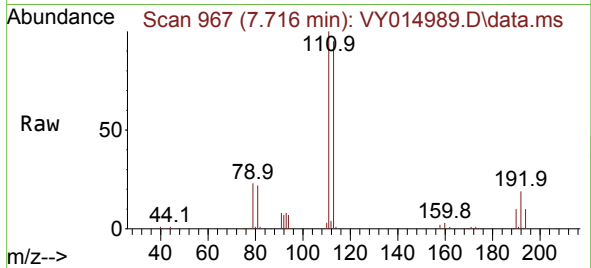




#35
Dibromofluoromethane
Concen: 49.823 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY014989.D
Acq: 08 Aug 2023 16:46

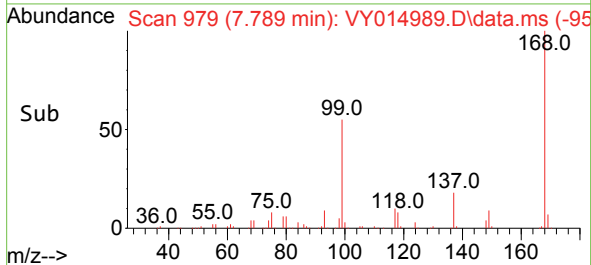
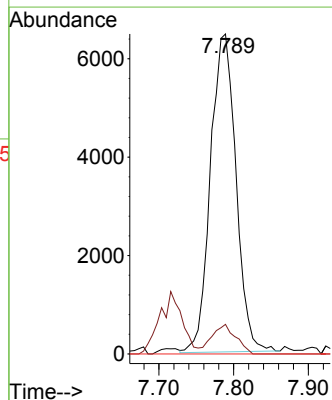
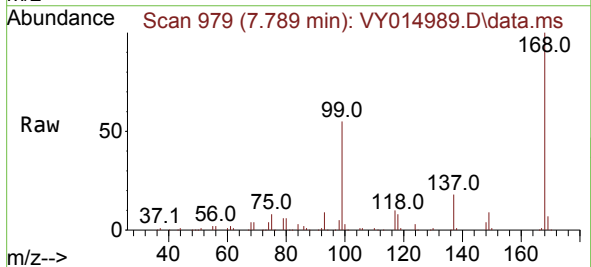
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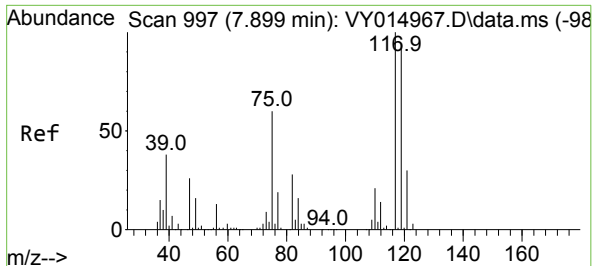
Tgt Ion:113 Resp: 115178
Ion Ratio Lower Upper
113 100
111 104.6 81.3 121.9
192 19.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.342 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY014989.D
Acq: 08 Aug 2023 16:46

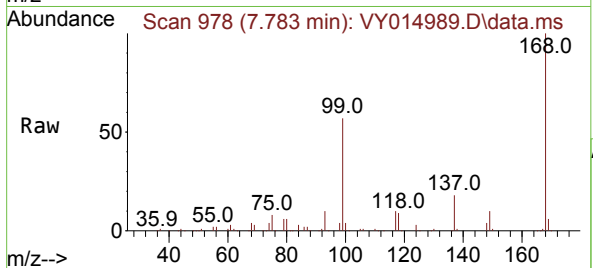
Tgt Ion: 75 Resp: 15332
Ion Ratio Lower Upper
75 100
110 8.8 17.8 53.5#
77 0.0 24.4 36.6#



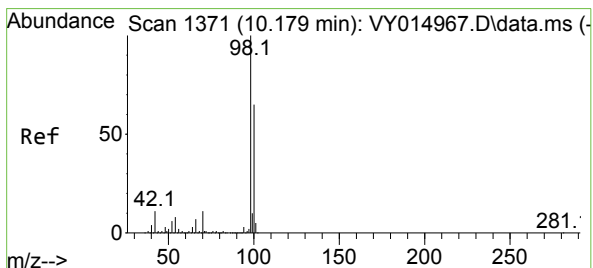
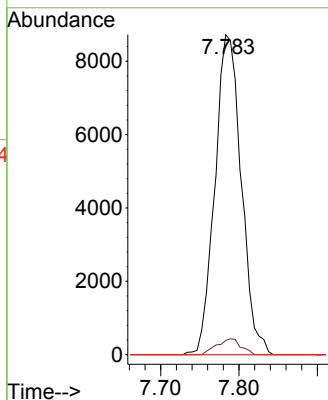
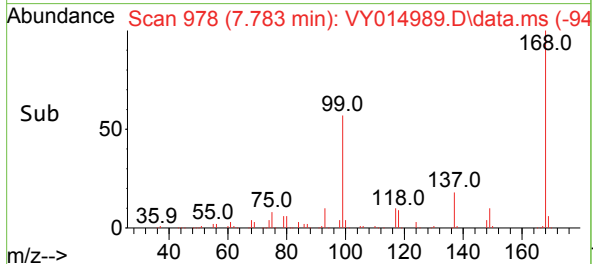


#38
Carbon Tetrachloride
Concen: 6.324 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY014989.D
Acq: 08 Aug 2023 16:46

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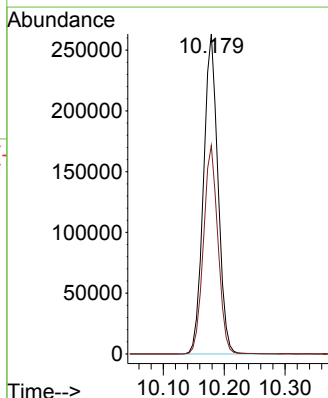
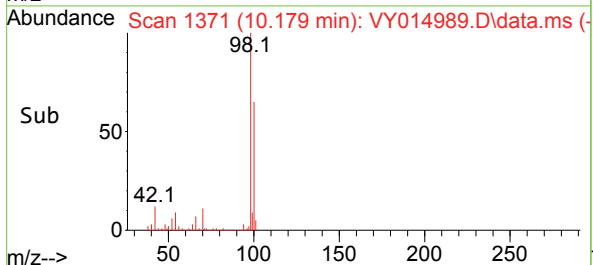
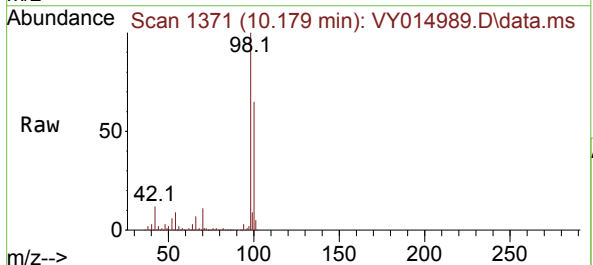


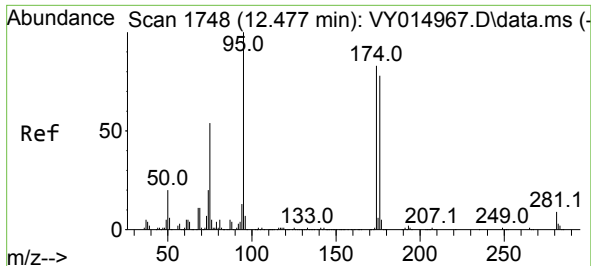
Tgt Ion:117 Resp: 20403
Ion Ratio Lower Upper
117 100
119 4.5 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.366 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY014989.D
Acq: 08 Aug 2023 16:46

Tgt Ion: 98 Resp: 434368
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

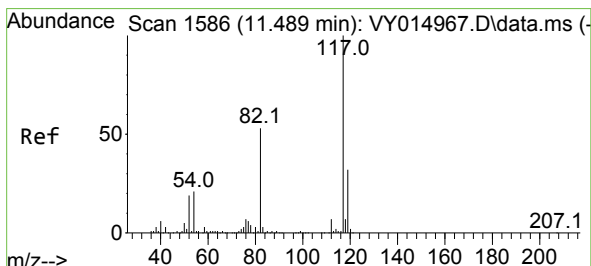
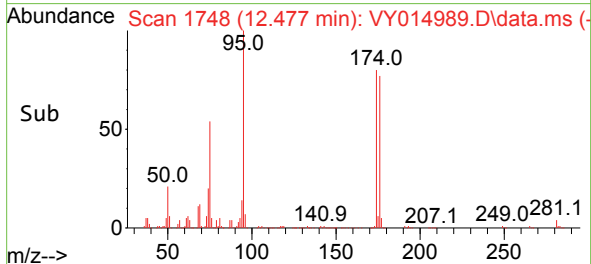
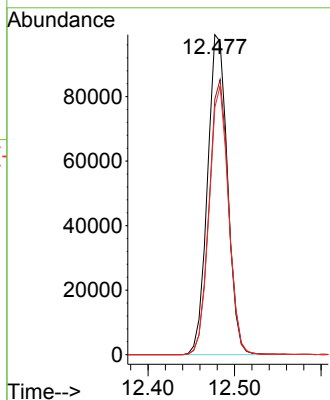
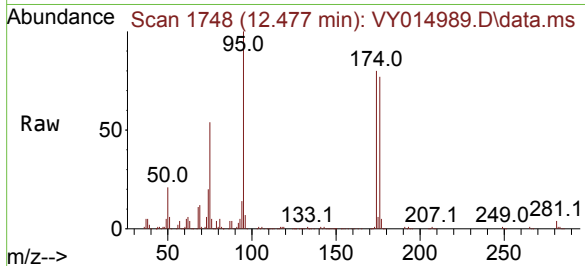




#62
4-Bromofluorobenzene
Concen: 50.908 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014989.D
Acq: 08 Aug 2023 16:46

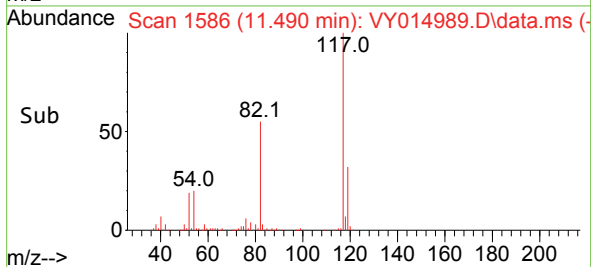
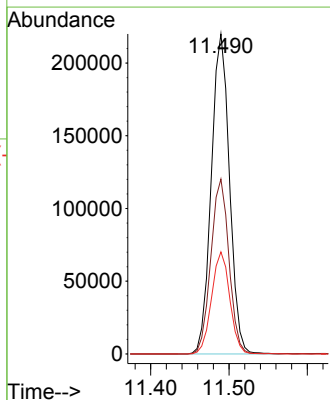
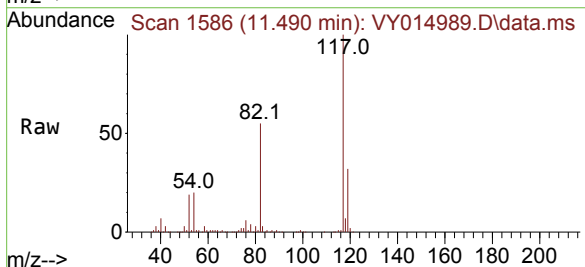
Instrument :
MSVOA_Y
ClientSampleId :
OR-3-080723

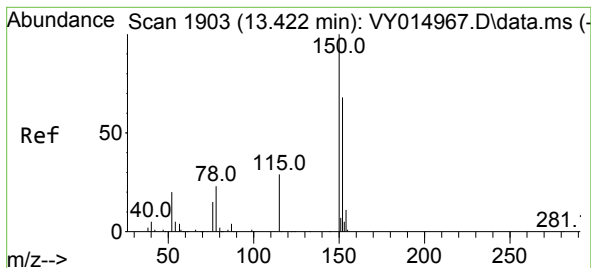
Tgt Ion: 95 Resp: 158759
Ion Ratio Lower Upper
95 100
174 83.9 0.0 178.2
176 81.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014989.D
Acq: 08 Aug 2023 16:46

Tgt Ion: 117 Resp: 354895
Ion Ratio Lower Upper
117 100
82 54.6 43.4 65.0
119 31.9 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: VY014989.D

Acq: 08 Aug 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

OR-3-080723

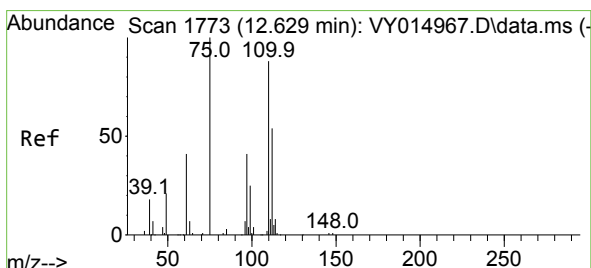
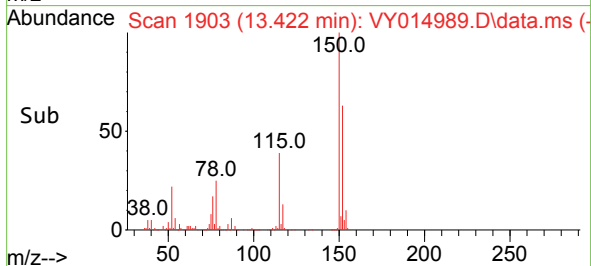
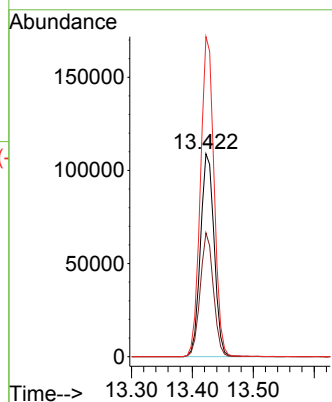
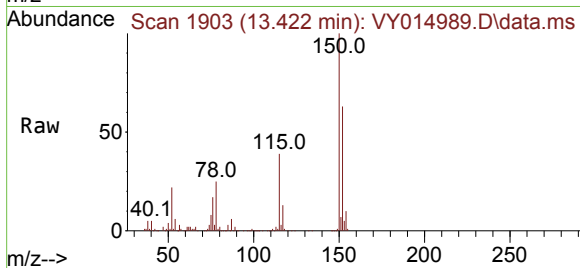
Tgt Ion:152 Resp: 170457

Ion Ratio Lower Upper

152 100

115 59.0 28.8 86.5

150 157.0 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 42.343 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY014989.D

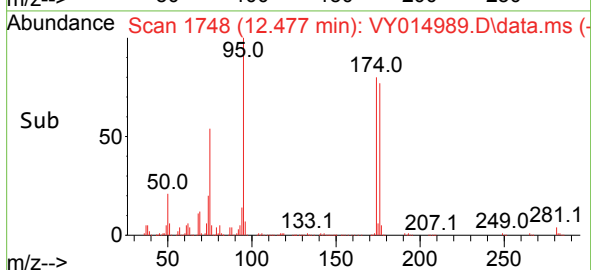
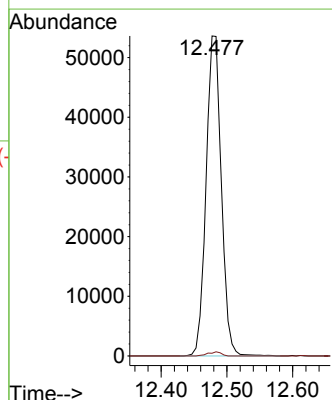
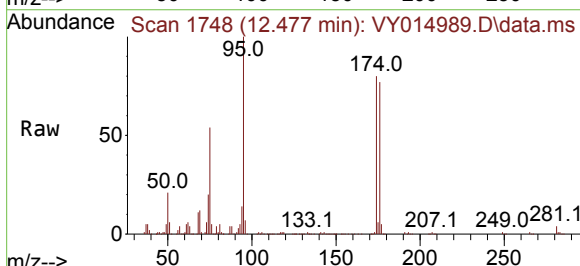
Acq: 08 Aug 2023 16:46

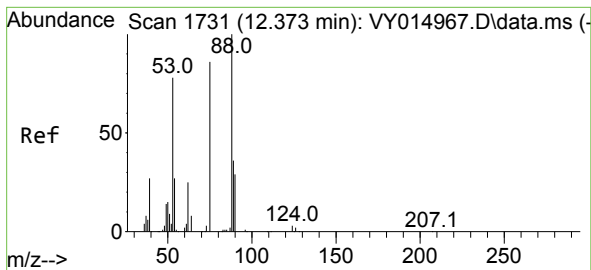
Tgt Ion: 75 Resp: 86484

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.282 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014989.D
 Acq: 08 Aug 2023 16:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-3-080723

Tgt Ion: 75 Resp: 86484
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

