

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014279.D
 Acq On : 20 Jun 2023 13:35
 Operator : KP/MD
 Sample : 03256-20
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TRIP-BLANK

Quant Time: Jun 21 02:07:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

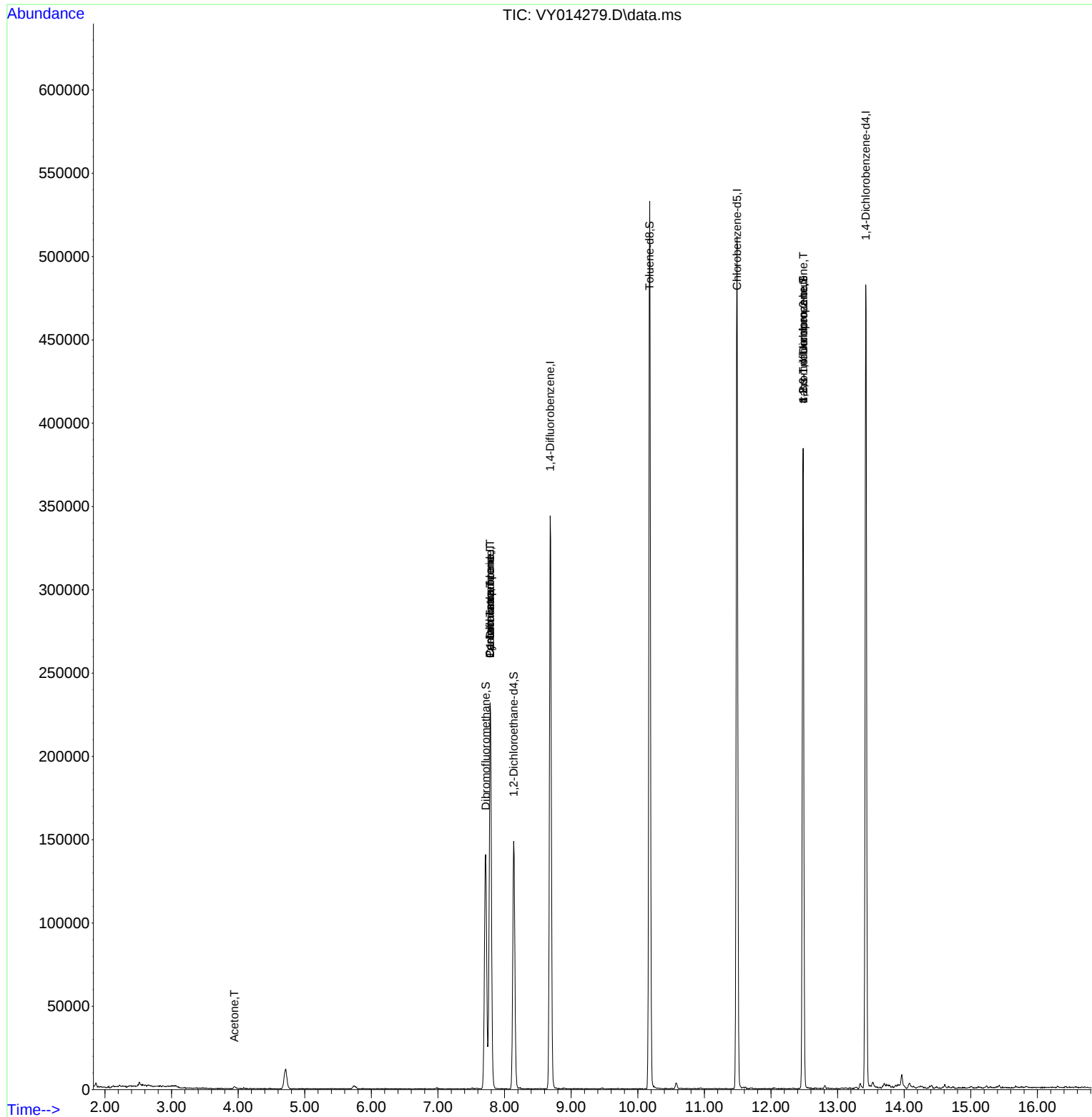
Internal Standards						
1) Pentafluorobenzene	7.783	168	180151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	284718	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	271009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	123534	49.244	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.480%
35) Dibromofluoromethane	7.716	113	95638	47.365	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.740%
50) Toluene-d8	10.179	98	346302	45.875	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.760%
62) 4-Bromofluorobenzene	12.483	95	107634	40.139	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.280%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	30	Below Cal	#	89
16) Acetone	3.942	43	2246	2.970	ug/l	97
20) Methylene Chloride	4.716	84	8408	Below Cal	#	89
31) Cyclohexane	7.783	56	4008	1.193	ug/l	# 17
36) 1,1-Dichloropropene	7.783	75	12941	4.111	ug/l	# 50
38) Carbon Tetrachloride	7.783	117	17431	4.798	ug/l	# 17
76) 1,2,3-Trichloropropane	12.483	75	61020	36.427	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	61020	78.740	ug/l	# 11

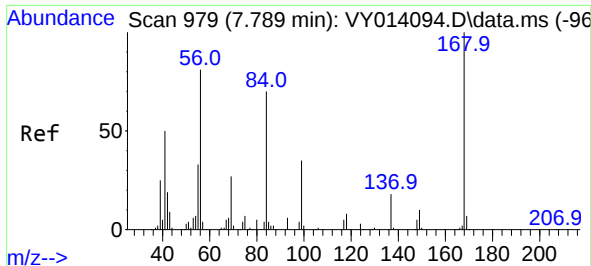
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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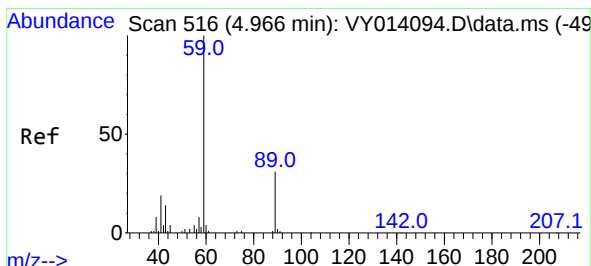
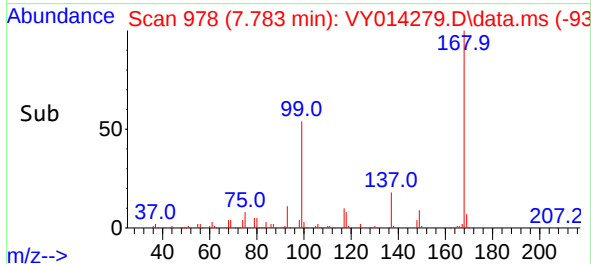
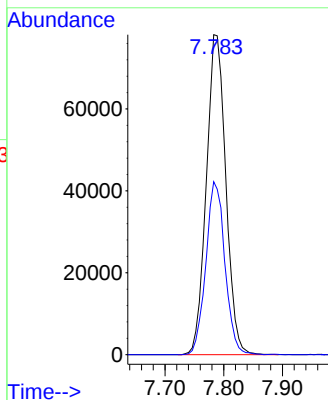
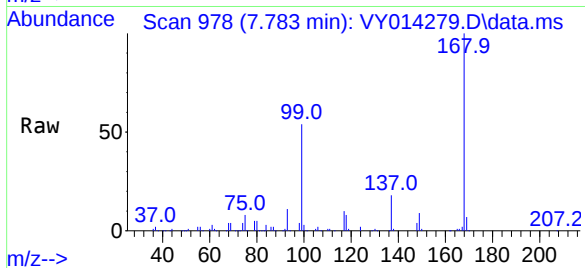




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014279.D
Acq: 20 Jun 2023 13:35

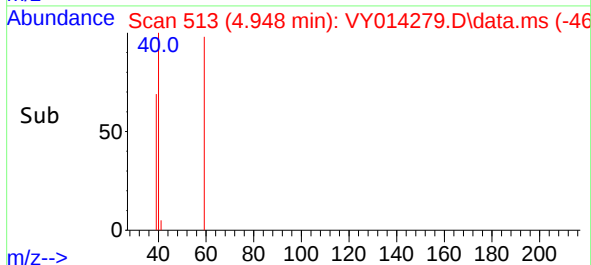
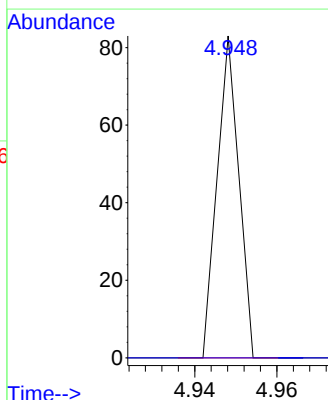
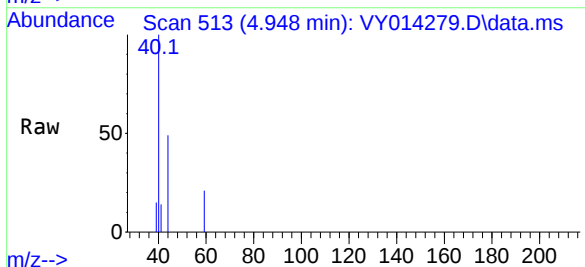
Instrument :
MSVOA_Y
ClientSampleId :
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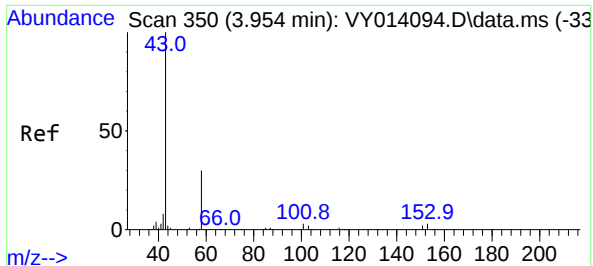
Tgt Ion:168 Resp: 180151
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.018 min
Lab File: VY014279.D
Acq: 20 Jun 2023 13:35

Tgt Ion: 59 Resp: 30
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

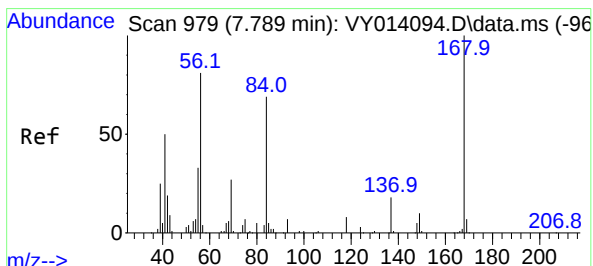
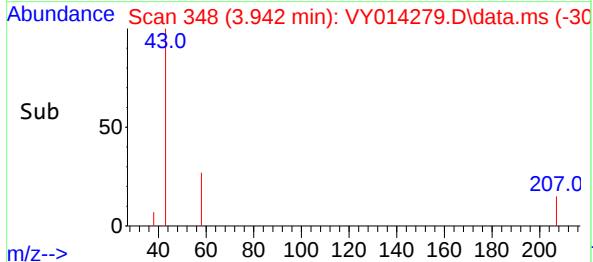
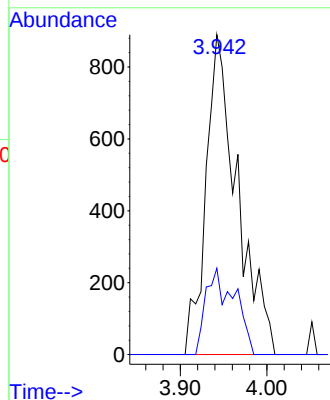
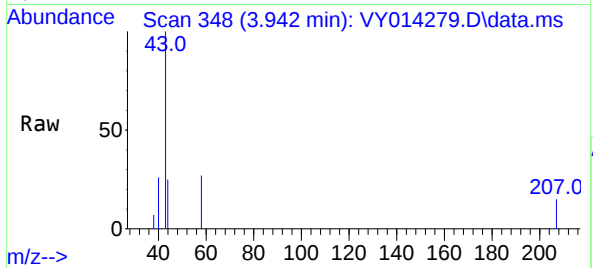




#16
Acetone
Concen: 2.970 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY014279.D
Acq: 20 Jun 2023 13:35

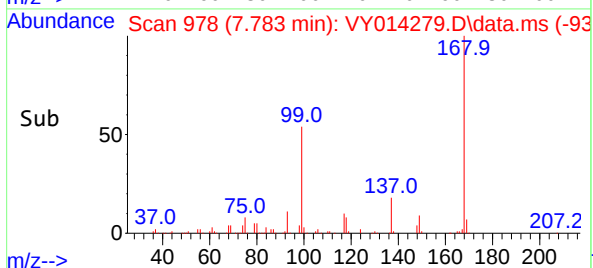
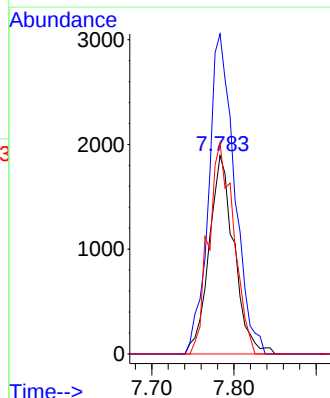
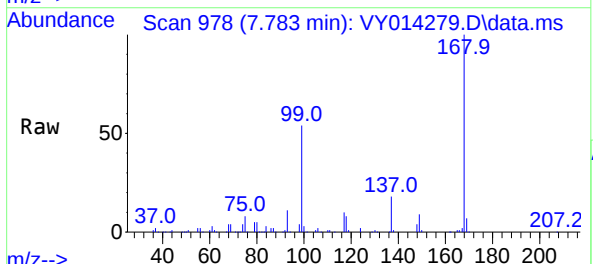
Instrument :
MSVOA_Y
ClientSampleId :
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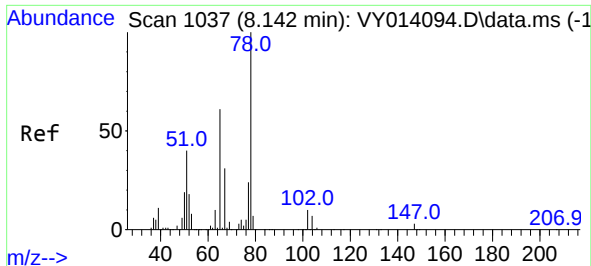
Tgt Ion: 43 Resp: 2246
Ion Ratio Lower Upper
43 100
58 27.0 22.7 34.1



#31
Cyclohexane
Concen: 1.193 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY014279.D
Acq: 20 Jun 2023 13:35

Tgt Ion: 56 Resp: 4008
Ion Ratio Lower Upper
56 100
69 161.4 27.8 41.6#
84 106.4 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 49.244 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.005 min

Lab File: VY014279.D

Acq: 20 Jun 2023 13:35

Instrument :

MSVOA_Y

ClientSampleId :

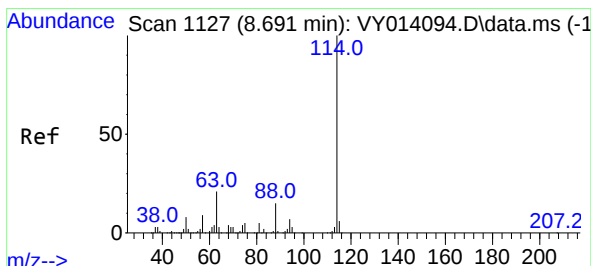
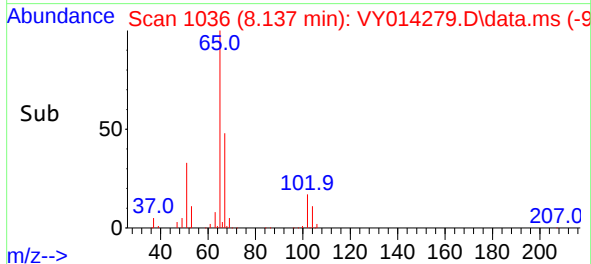
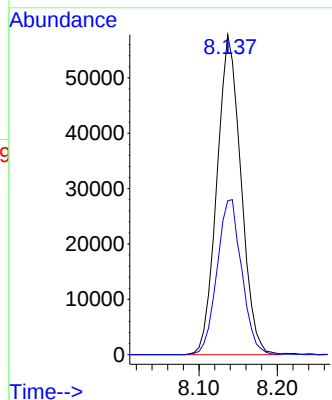
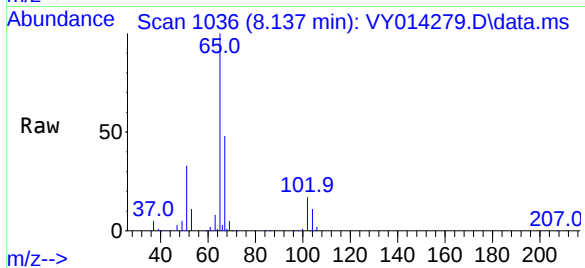
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Tgt Ion: 65 Resp: 123534

Ion Ratio Lower Upper

65 100

67 49.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014279.D

Acq: 20 Jun 2023 13:35

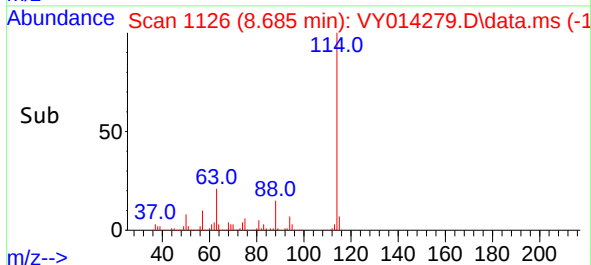
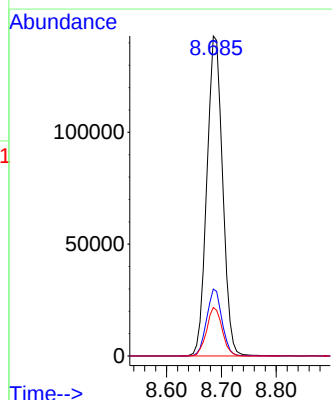
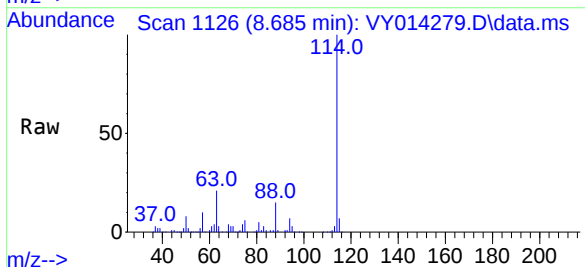
Tgt Ion: 114 Resp: 284718

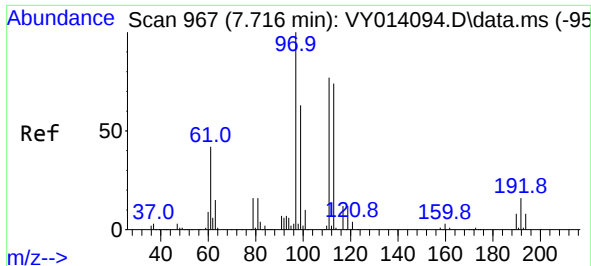
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.4

88 15.1 0.0 30.6

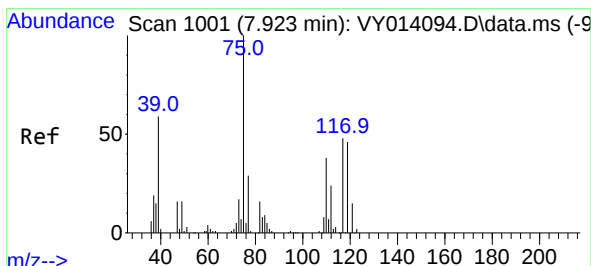
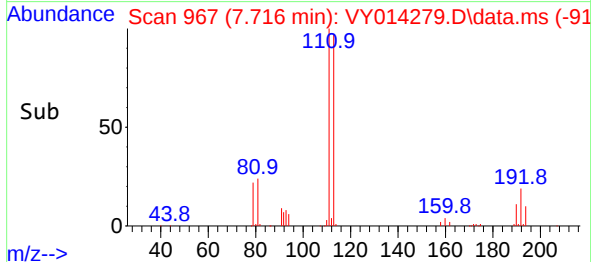
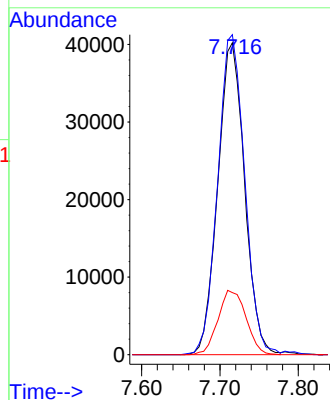
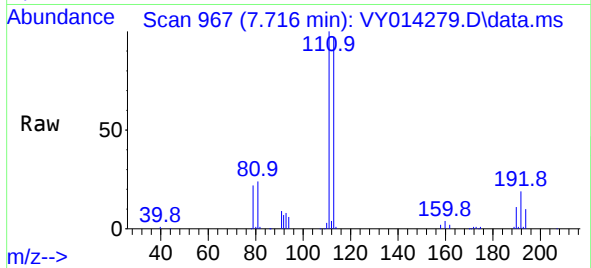




#35
Dibromofluoromethane
Concen: 47.365 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014279.D
Acq: 20 Jun 2023 13:35

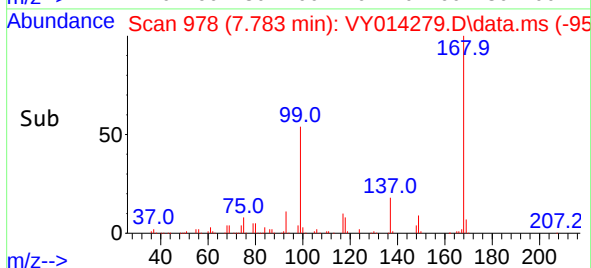
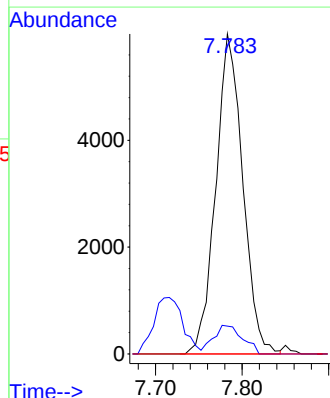
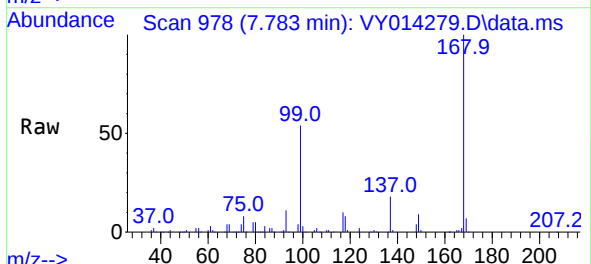
Instrument :
MSVOA_Y
ClientSampleId :
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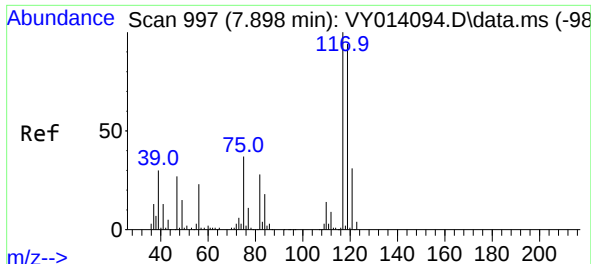
Tgt Ion:113 Resp: 95638
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 21.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.111 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY014279.D
Acq: 20 Jun 2023 13:35

Tgt Ion: 75 Resp: 12941
Ion Ratio Lower Upper
75 100
110 9.6 17.8 53.5#
77 0.0 24.4 36.6#

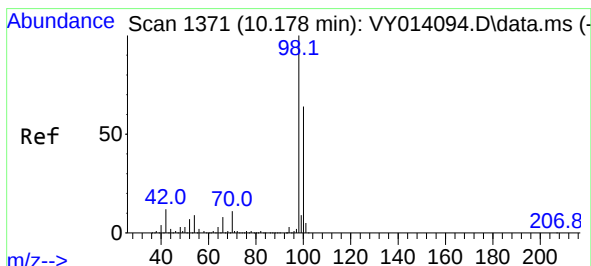
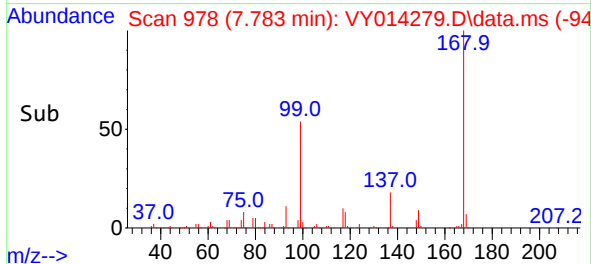
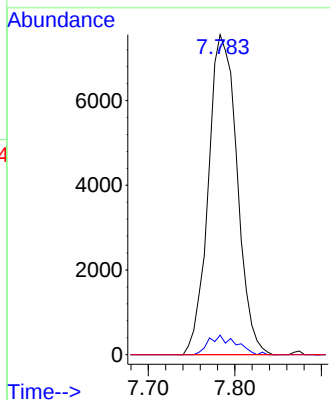
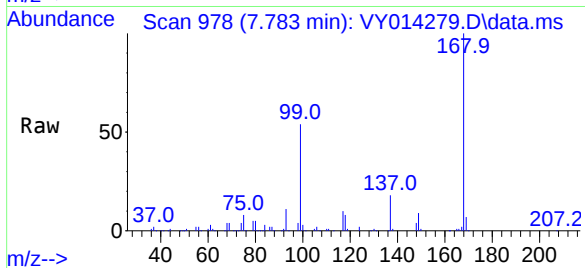




#38
Carbon Tetrachloride
Concen: 4.798 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY014279.D
Acq: 20 Jun 2023 13:35

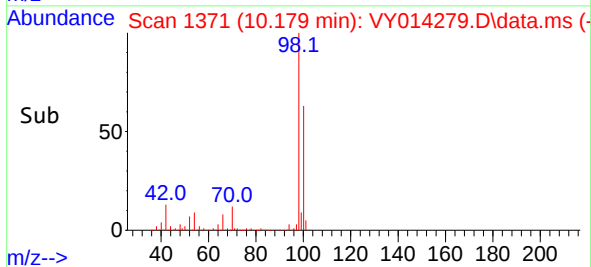
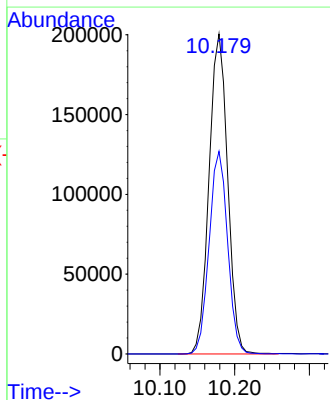
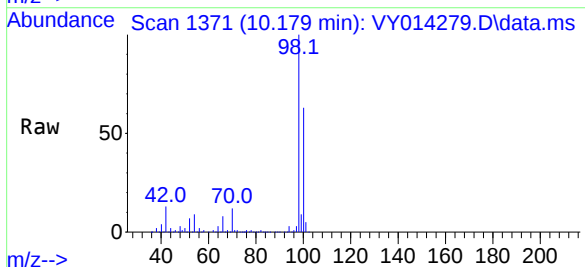
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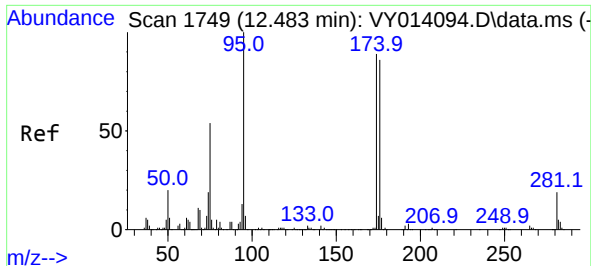
Tgt Ion:117 Resp: 17431
Ion Ratio Lower Upper
117 100
119 6.1 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 45.875 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014279.D
Acq: 20 Jun 2023 13:35

Tgt Ion: 98 Resp: 346302
Ion Ratio Lower Upper
98 100
100 62.8 50.1 75.1

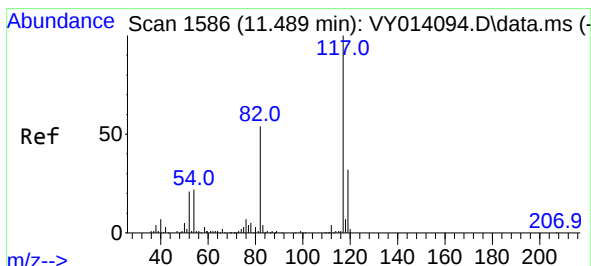
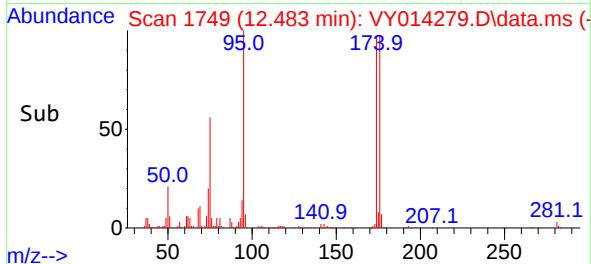
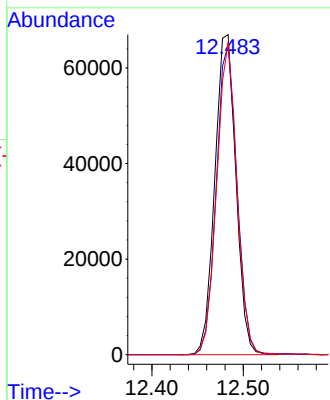
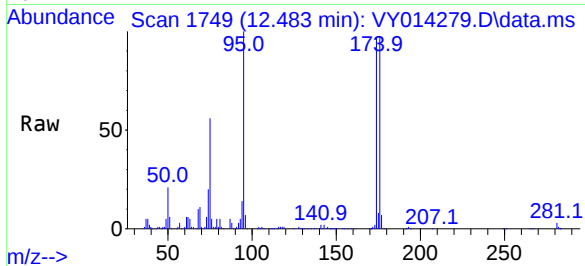




#62
4-Bromofluorobenzene
Concen: 40.139 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014279.D
Acq: 20 Jun 2023 13:35

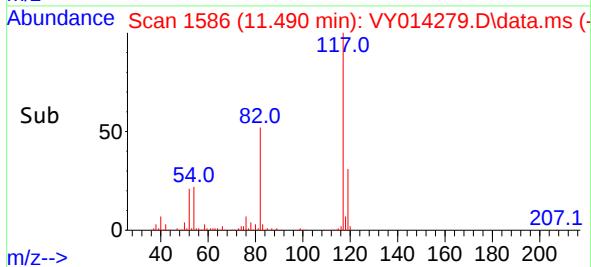
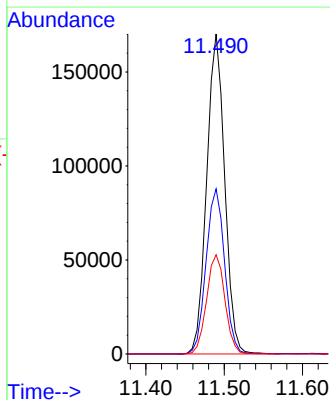
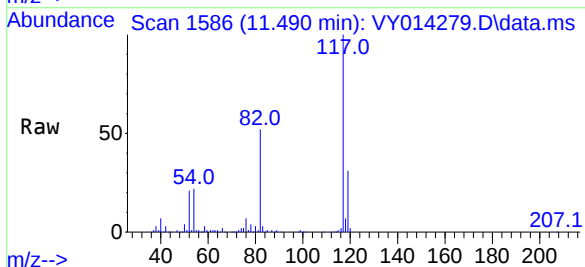
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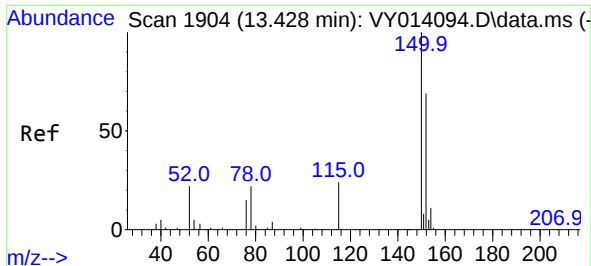
Tgt Ion: 95 Resp: 107634
Ion Ratio Lower Upper
95 100
174 95.0 0.0 178.2
176 93.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014279.D
Acq: 20 Jun 2023 13:35

Tgt Ion: 117 Resp: 271009
Ion Ratio Lower Upper
117 100
82 51.6 43.4 65.0
119 31.0 26.3 39.5

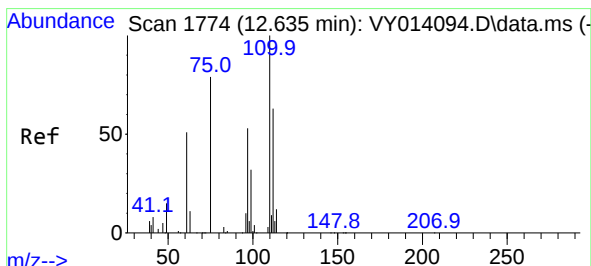
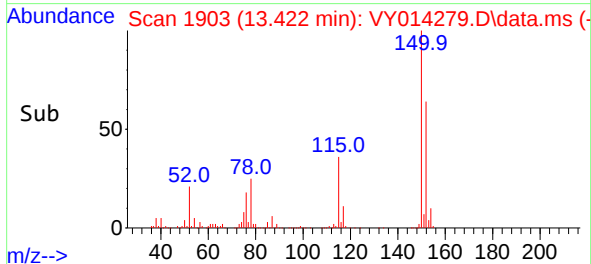
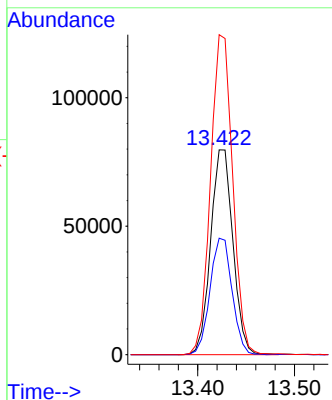
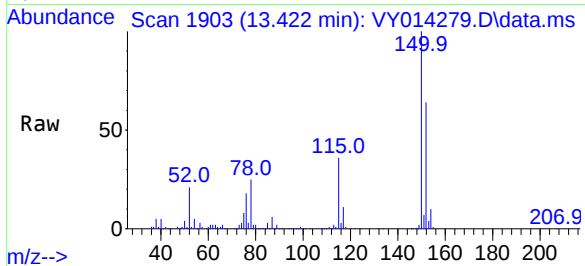




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY014279.D
Acq: 20 Jun 2023 13:35

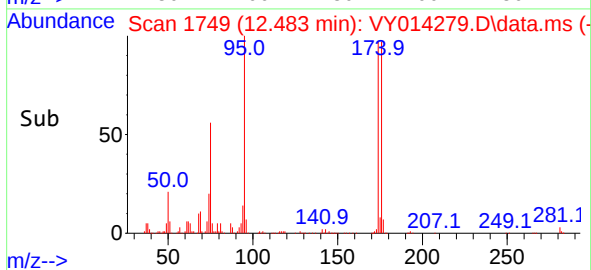
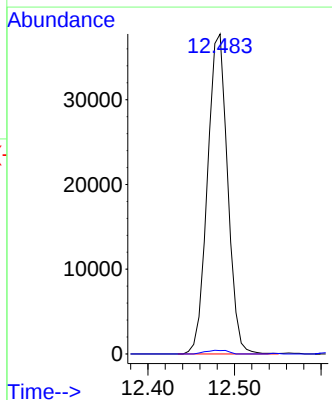
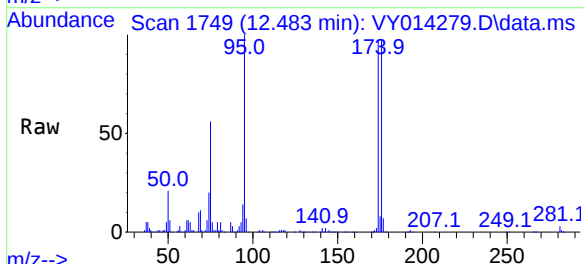
Instrument :
MSVOA_Y
ClientSampleId :
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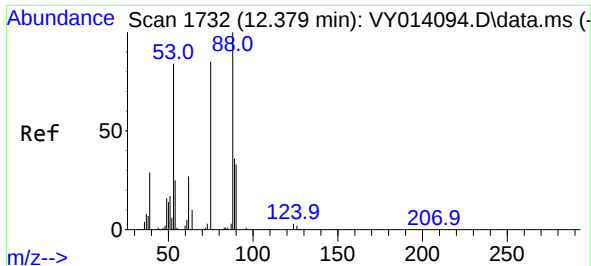
Tgt Ion:152 Resp: 127681
Ion Ratio Lower Upper
152 100
115 56.4 28.8 86.5
150 155.1 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 36.427 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY014279.D
Acq: 20 Jun 2023 13:35

Tgt Ion: 75 Resp: 61020
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.740 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014279.D
 Acq: 20 Jun 2023 13:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 TRIP-BLANK

Tgt Ion: 75 Resp: 61020
 Ion Ratio Lower Upper
 75 100
 53 0.1 77.8 116.8#
 89 0.1 37.4 56.0#

