

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
 Data File : VY021279.D
 Acq On : 21 Feb 2025 12:41
 Operator : SY/MD
 Sample : Q1383-01
 Misc : 5.34g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-11-021725

Quant Time: Feb 21 23:06:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

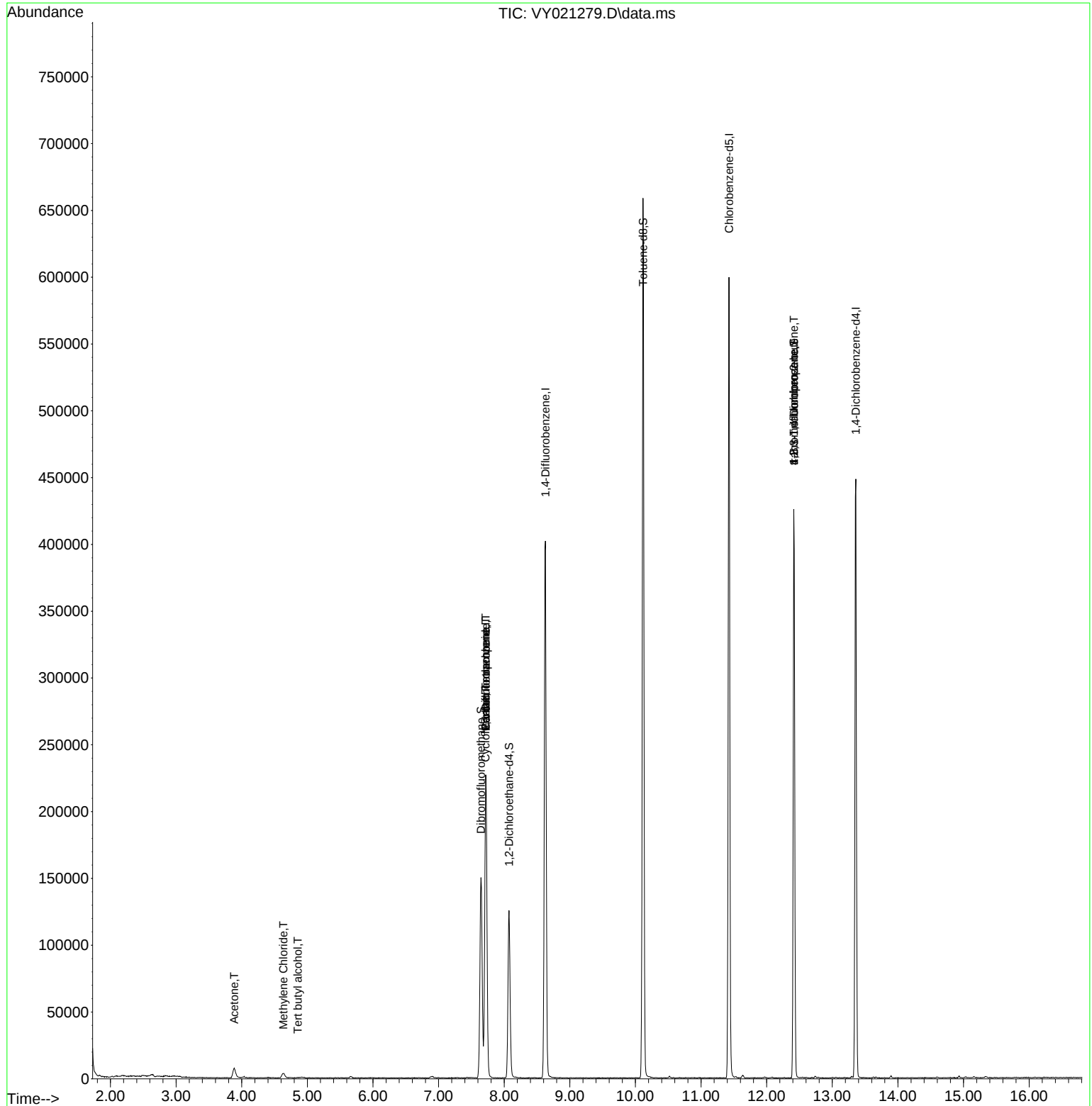
Internal Standards						
1) Pentafluorobenzene	7.719	168	171670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	333989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	300893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	110482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	100924	57.379	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.760%	
35) Dibromofluoromethane	7.646	113	107594	50.268	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.540%	
50) Toluene-d8	10.115	98	405607	49.775	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.560%	
62) 4-Bromofluorobenzene	12.414	95	122481	46.008	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.020%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.854	59	198	1.661	ug/l #	75
16) Acetone	3.885	43	13685	49.891	ug/l	96
20) Methylene Chloride	4.635	84	2498	1.465	ug/l	88
31) Cyclohexane	7.713	56	4274	1.425	ug/l #	38
36) 1,1-Dichloropropene	7.719	75	13898	4.384	ug/l #	50
38) Carbon Tetrachloride	7.719	117	17862	4.822	ug/l #	17
76) 1,2,3-Trichloropropane	12.414	75	67750	67.601	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	67750	137.938	ug/l #	12

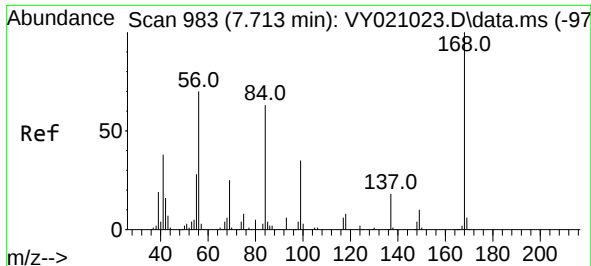
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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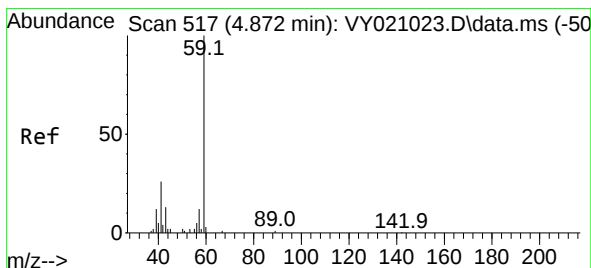
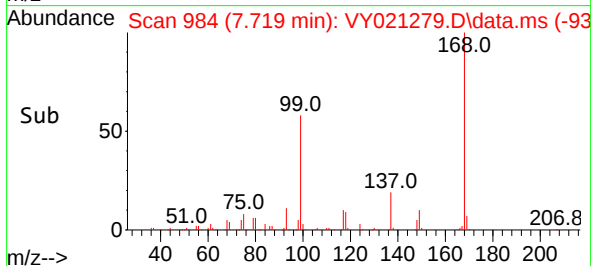
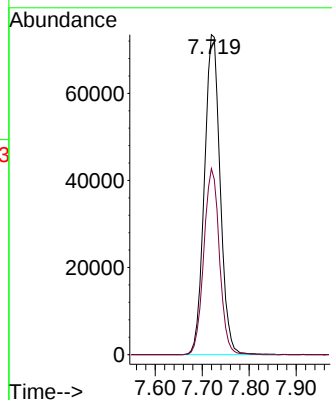
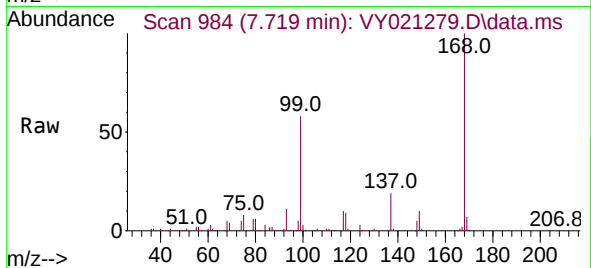




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.006 min
Lab File: VY021279.D
Acq: 21 Feb 2025 12:41

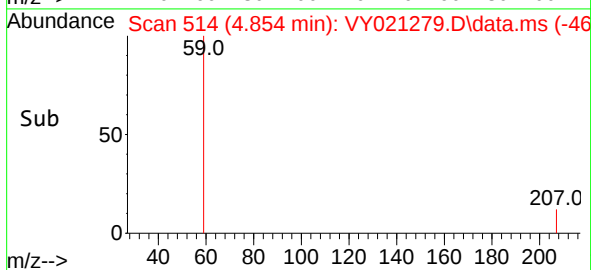
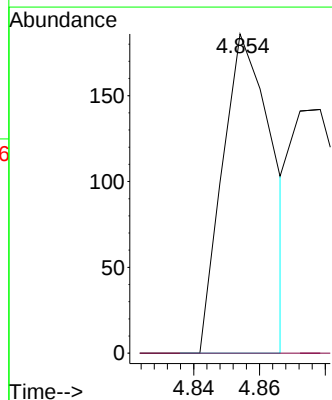
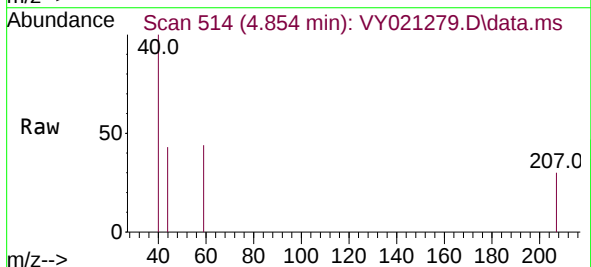
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-11-021725

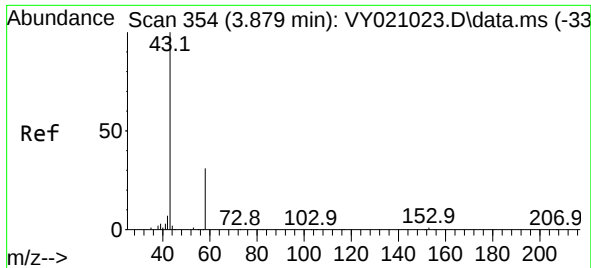
Tgt Ion:168 Resp: 171670
Ion Ratio Lower Upper
168 100
99 58.1 44.2 66.4



#11
Tert butyl alcohol
Concen: 1.661 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY021279.D
Acq: 21 Feb 2025 12:41

Tgt Ion: 59 Resp: 198
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

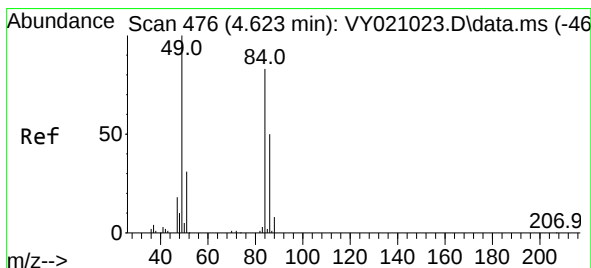
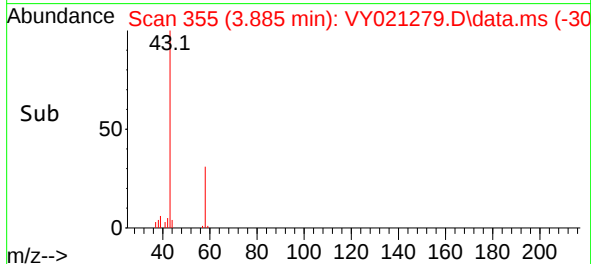
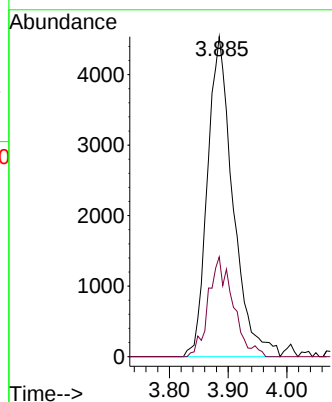
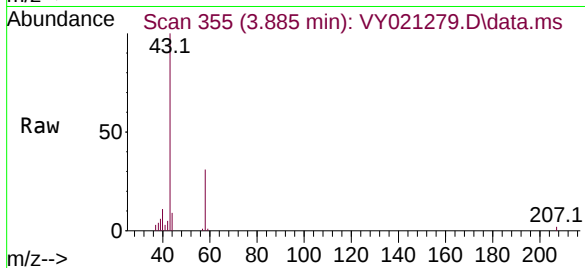




#16
Acetone
Concen: 49.891 ug/l
RT: 3.885 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY021279.D
Acq: 21 Feb 2025 12:41

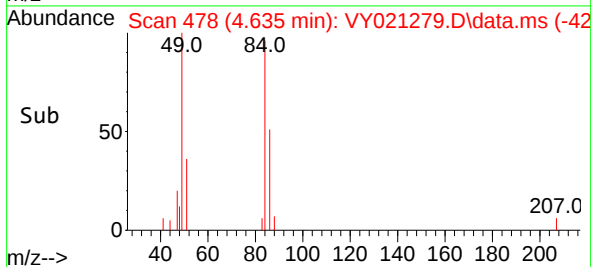
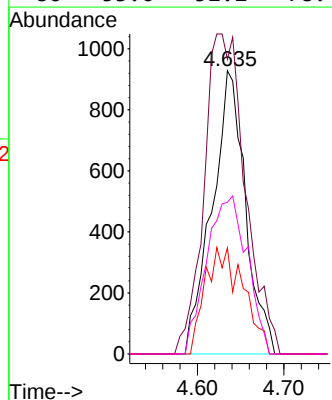
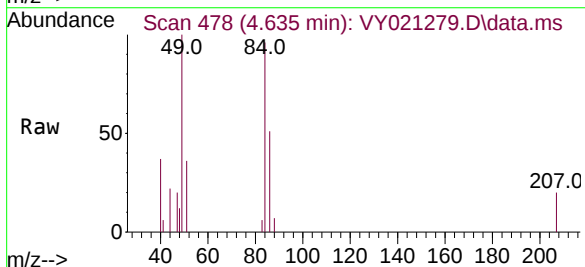
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-11-021725

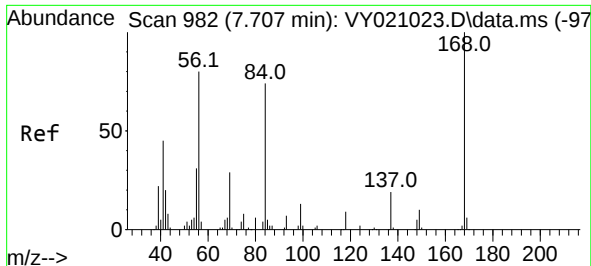
Tgt Ion: 43 Resp: 13685
Ion Ratio Lower Upper
43 100
58 31.2 26.6 39.8



#20
Methylene Chloride
Concen: 1.465 ug/l
RT: 4.635 min Scan# 478
Delta R.T. 0.012 min
Lab File: VY021279.D
Acq: 21 Feb 2025 12:41

Tgt Ion: 84 Resp: 2498
Ion Ratio Lower Upper
84 100
49 104.1 95.2 142.8
51 37.5 29.9 44.9
86 53.6 52.2 78.4

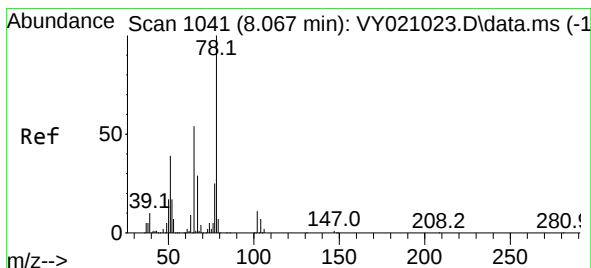
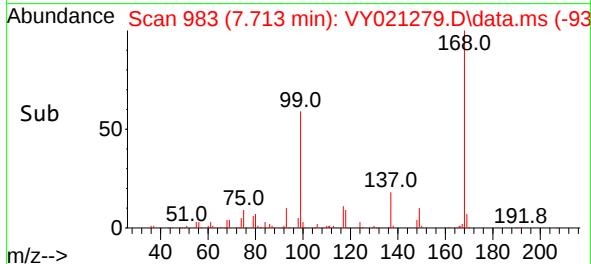
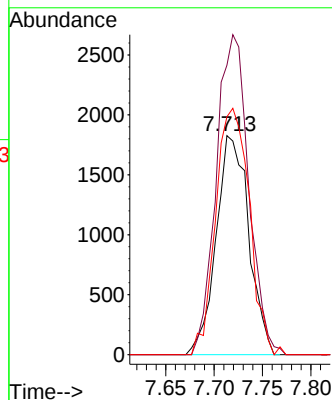
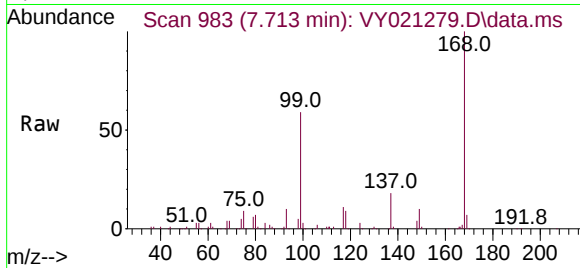




#31
Cyclohexane
Concen: 1.425 ug/l
RT: 7.713 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021279.D
Acq: 21 Feb 2025 12:41

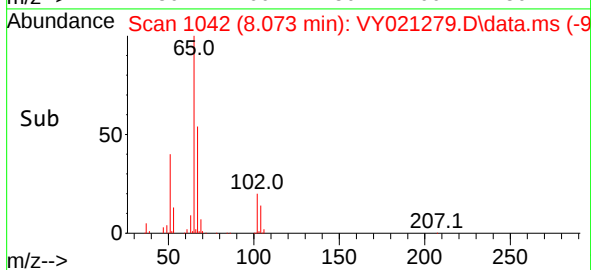
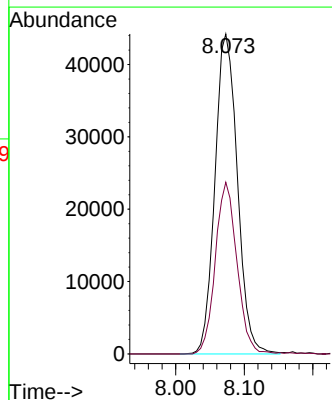
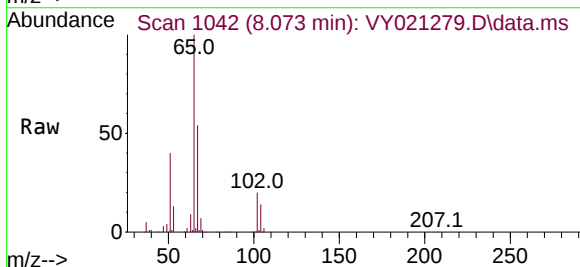
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-11-021725

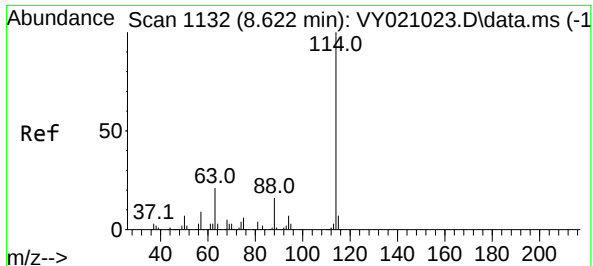
Tgt Ion: 56 Resp: 4274
Ion Ratio Lower Upper
56 100
69 132.1 27.0 40.6#
84 108.6 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 57.379 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY021279.D
Acq: 21 Feb 2025 12:41

Tgt Ion: 65 Resp: 100924
Ion Ratio Lower Upper
65 100
67 51.6 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY021279.D

Acq: 21 Feb 2025 12:41

Instrument :

MSVOA_Y

ClientSampleId :

OU4-PCS-TC-11-021725

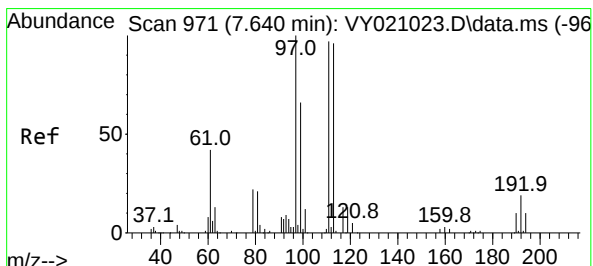
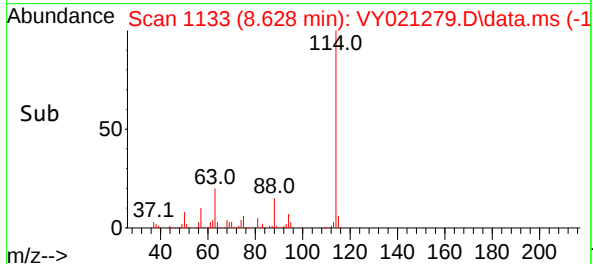
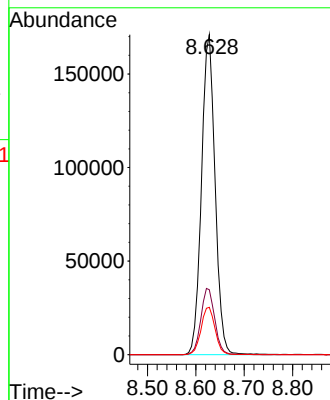
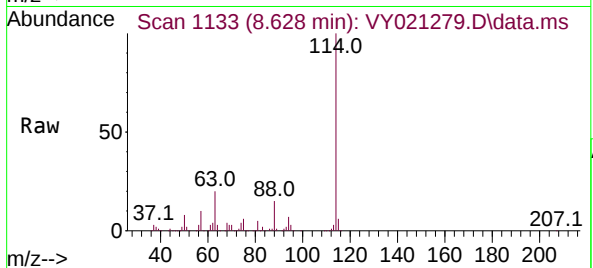
Tgt Ion:114 Resp: 333989

Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

88 14.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 50.268 ug/l

RT: 7.646 min Scan# 972

Delta R.T. 0.006 min

Lab File: VY021279.D

Acq: 21 Feb 2025 12:41

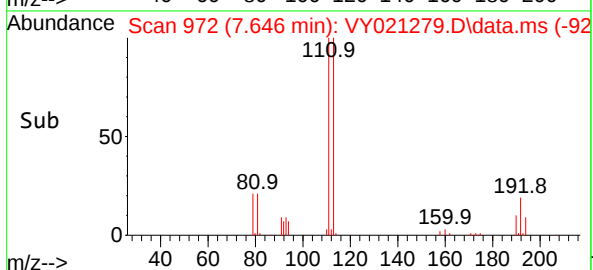
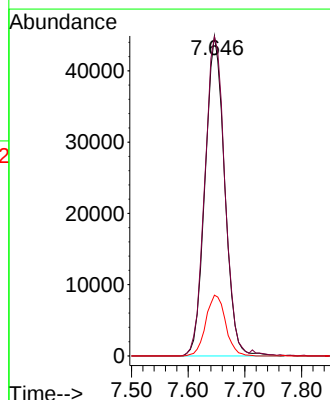
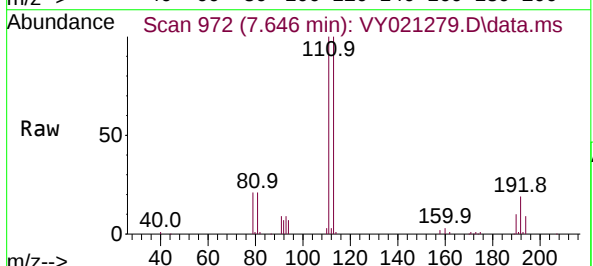
Tgt Ion:113 Resp: 107594

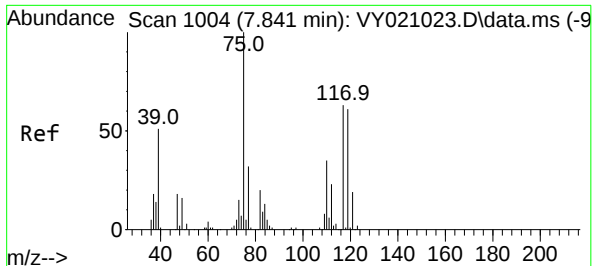
Ion Ratio Lower Upper

113 100

111 101.7 83.8 125.6

192 19.2 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.384 ug/l

RT: 7.719 min Scan# 984

Delta R.T. -0.122 min

Lab File: VY021279.D

Acq: 21 Feb 2025 12:41

Instrument :

MSVOA_Y

ClientSampleId :

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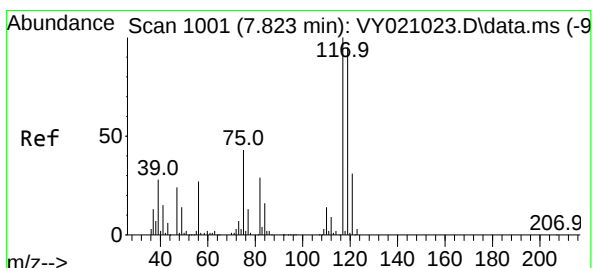
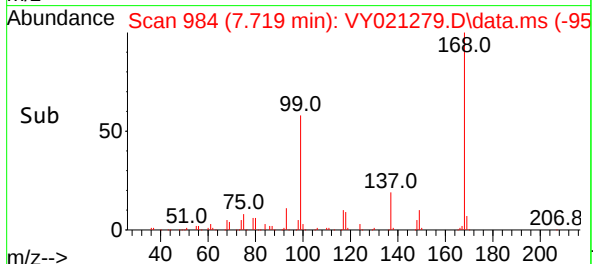
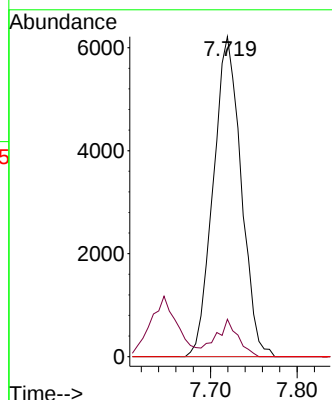
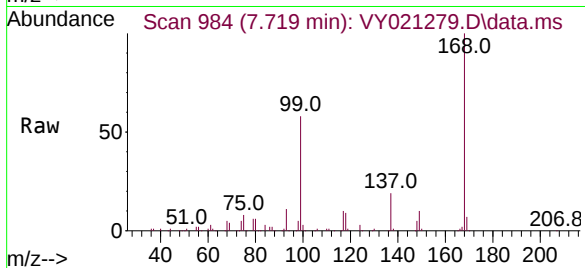
Tgt Ion: 75 Resp: 13898

Ion Ratio Lower Upper

75 100

110 9.1 17.4 52.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 4.822 ug/l

RT: 7.719 min Scan# 984

Delta R.T. -0.104 min

Lab File: VY021279.D

Acq: 21 Feb 2025 12:41

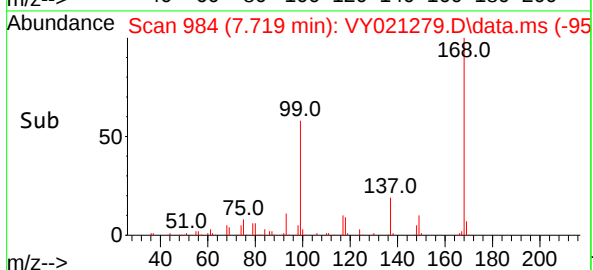
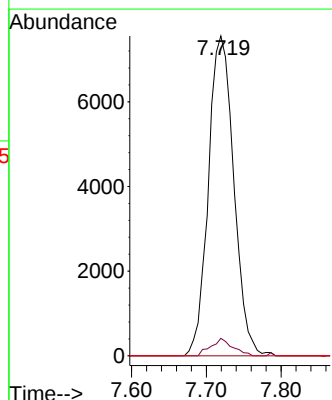
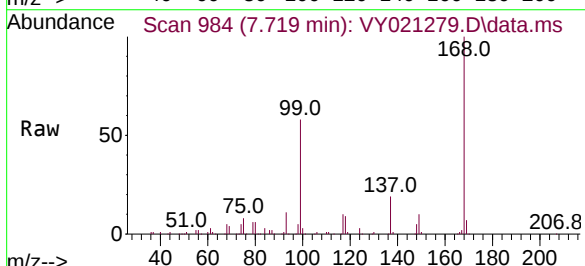
Tgt Ion: 117 Resp: 17862

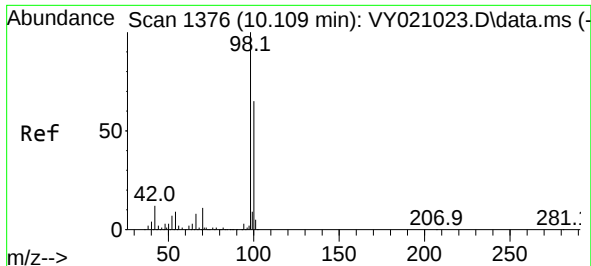
Ion Ratio Lower Upper

117 100

119 5.5 76.0 114.0#

121 0.0 24.2 36.2#

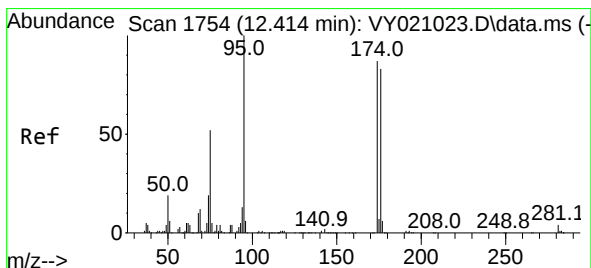
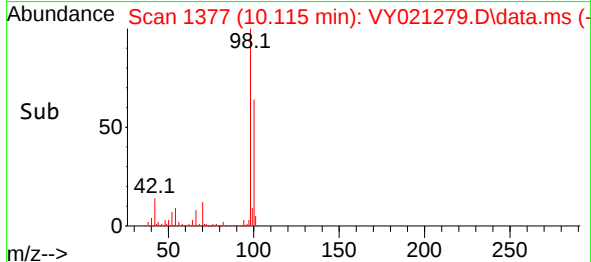
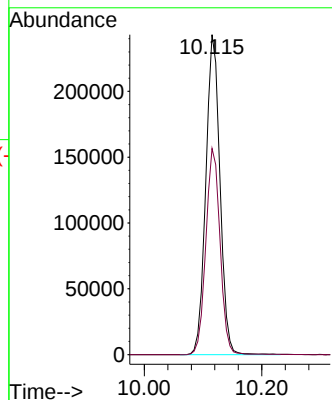
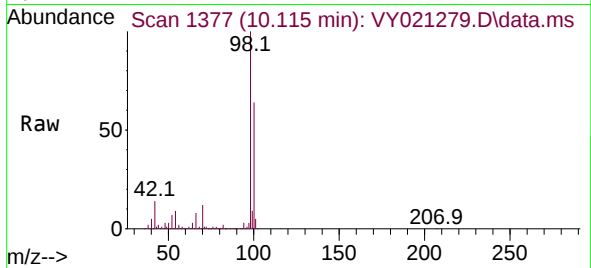




#50
Toluene-d8
Concen: 49.775 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021279.D
Acq: 21 Feb 2025 12:41

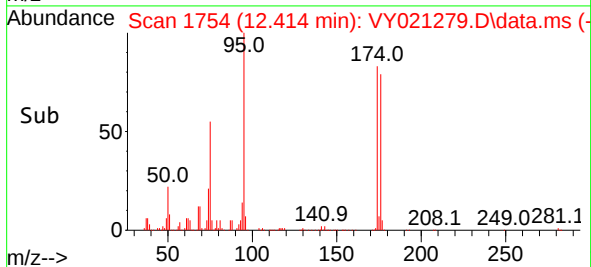
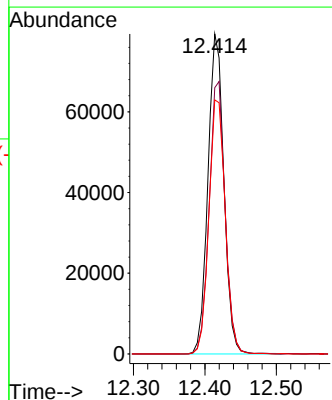
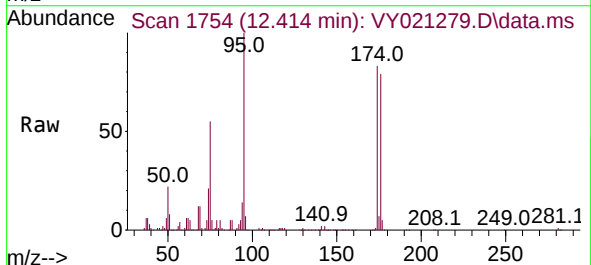
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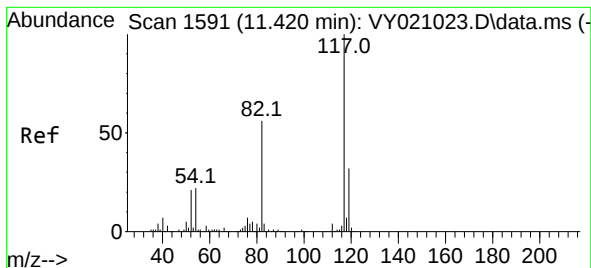
Tgt Ion: 98 Resp: 405607
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 46.008 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021279.D
Acq: 21 Feb 2025 12:41

Tgt Ion: 95 Resp: 122481
Ion Ratio Lower Upper
95 100
174 85.3 0.0 160.0
176 81.7 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021279.D

Acq: 21 Feb 2025 12:41

Instrument :

MSVOA_Y

ClientSampleId :

OU4-PCS-TC-11-021725

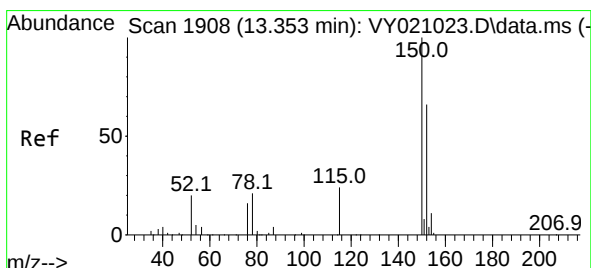
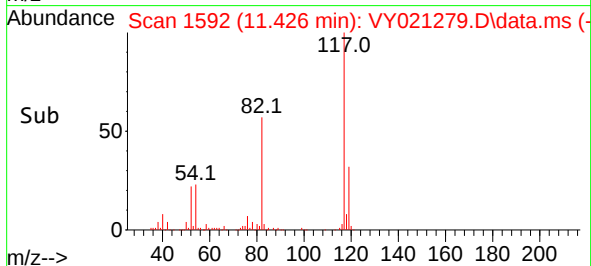
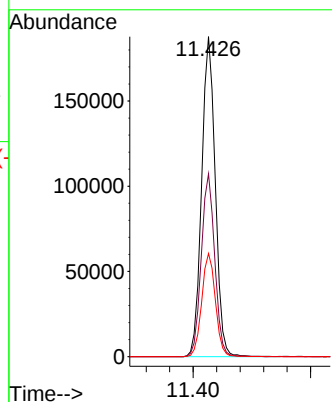
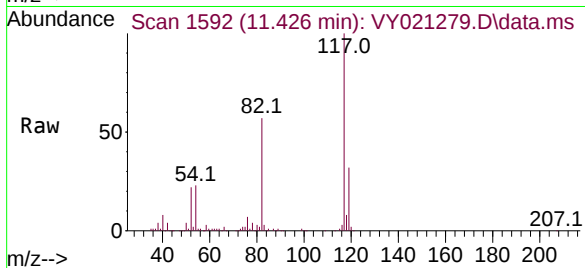
Tgt Ion:117 Resp: 300893

Ion Ratio Lower Upper

117 100

82 57.1 43.8 65.8

119 32.2 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY021279.D

Acq: 21 Feb 2025 12:41

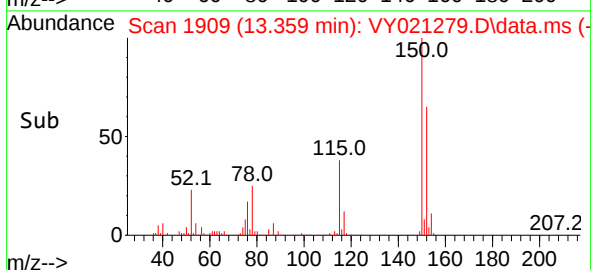
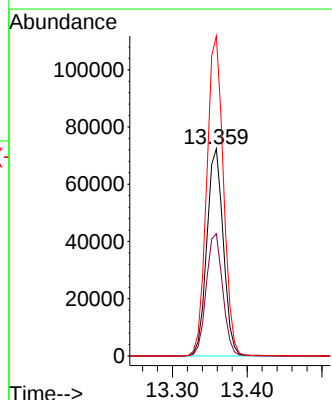
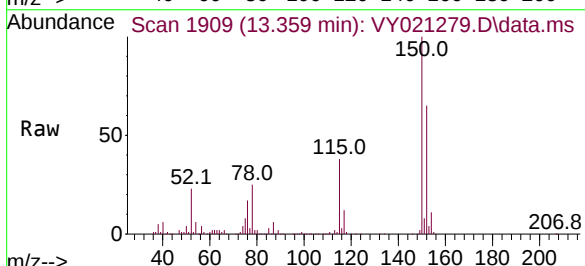
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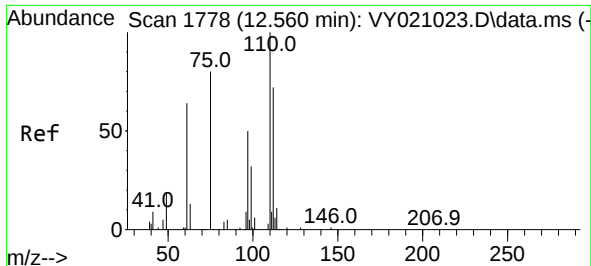
Ion Ratio Lower Upper

152 100

115 59.1 30.0 90.0

150 156.9 0.0 344.6

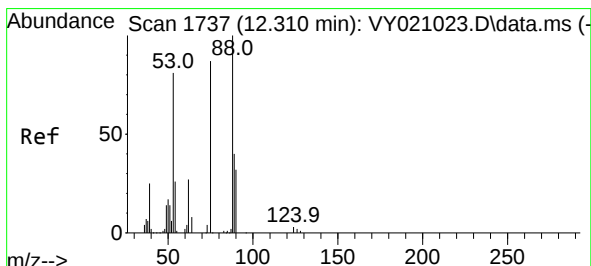
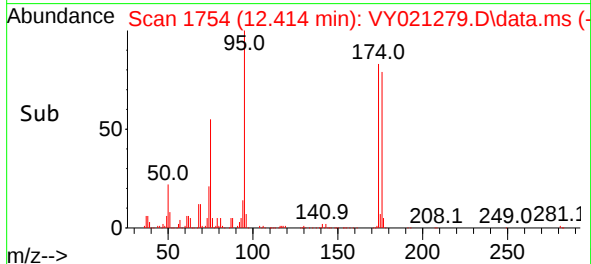
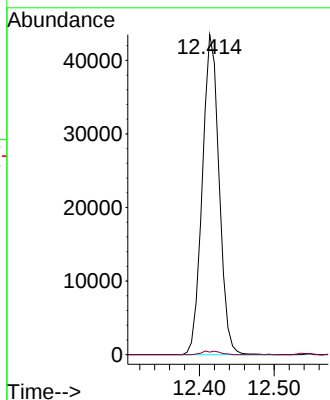
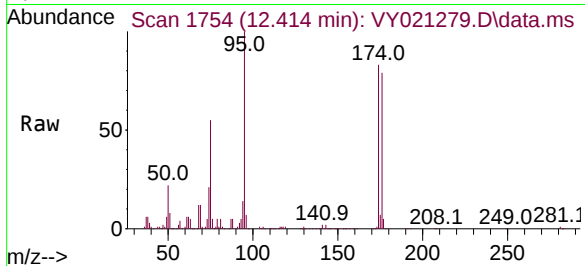




#76
1,2,3-Trichloropropane
Concen: 67.601 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.146 min
Lab File: VY021279.D
Acq: 21 Feb 2025 12:41

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-11-021725

Tgt Ion: 75 Resp: 67750
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 137.938 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.103 min
Lab File: VY021279.D
Acq: 21 Feb 2025 12:41

Tgt Ion: 75 Resp: 67750
Ion Ratio Lower Upper
75 100
53 0.1 74.0 111.0#
89 0.1 36.5 54.7#

