

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
 Data File : VY021282.D
 Acq On : 21 Feb 2025 13:51
 Operator : SY/MD
 Sample : Q1383-07
 Misc : 5.57g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-14-021725

Quant Time: Feb 21 23:07:08 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)

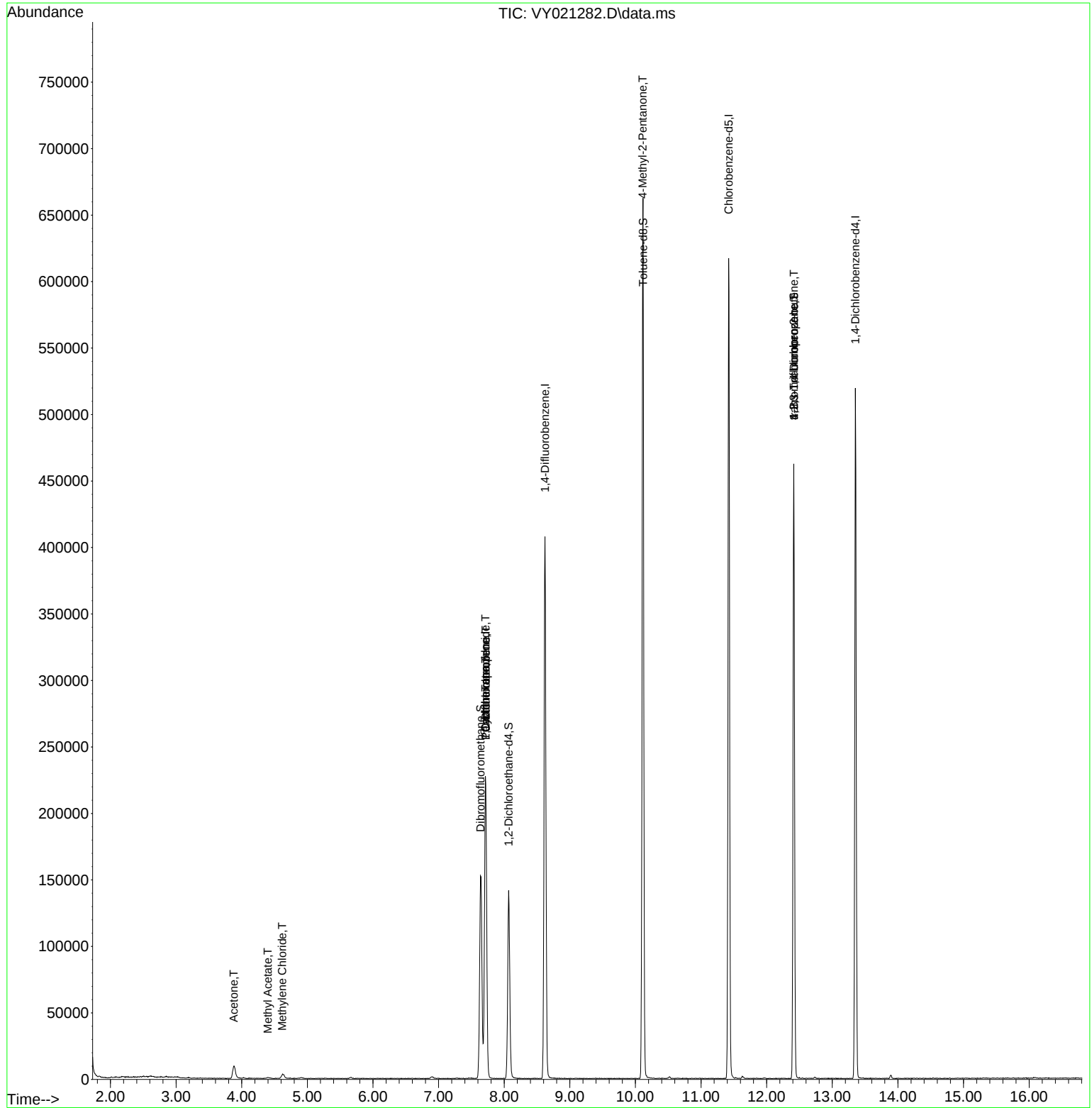
Internal Standards						
1) Pentafluorobenzene	7.719	168	170045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	332342	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	313144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	125321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	110471	63.407	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.820%	
35) Dibromofluoromethane	7.640	113	110725	51.987	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.980%	
50) Toluene-d8	10.115	98	413661	51.015	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.040%	
62) 4-Bromofluorobenzene	12.414	95	132917	50.176	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.360%	
Target Compounds						
					Qvalue	
16) Acetone	3.879	43	18273	67.254	ug/l	89
18) Methyl Acetate	4.397	43	1486	1.558	ug/l #	76
20) Methylene Chloride	4.616	84	2327	1.378	ug/l	95
31) Cyclohexane	7.713	56	4305	1.449	ug/l #	21
36) 1,1-Dichloropropene	7.719	75	14154	4.487	ug/l #	50
38) Carbon Tetrachloride	7.713	117	17348	4.706	ug/l #	17
51) 4-Methyl-2-Pentanone	10.109	43	2170	1.569	ug/l #	1
76) 1,2,3-Trichloropropane	12.414	75	73549	64.697	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	73549	132.014	ug/l #	12

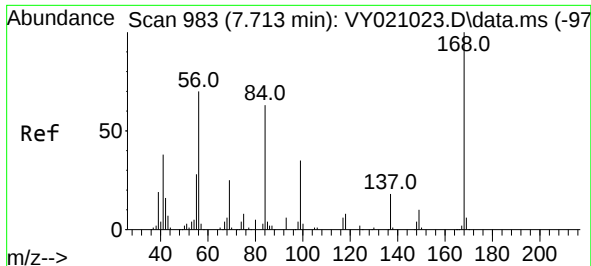
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021282.D
Acq On : 21 Feb 2025 13:51
Operator : SY/MD
Sample : Q1383-07
Misc : 5.57g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-14-021725

Quant Time: Feb 21 23:07:08 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

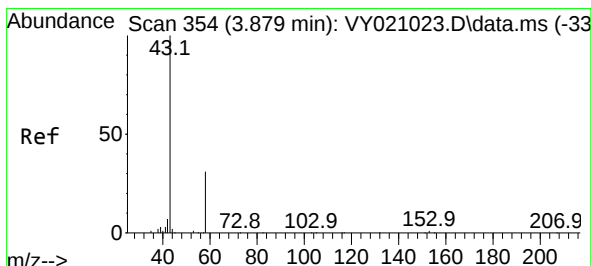
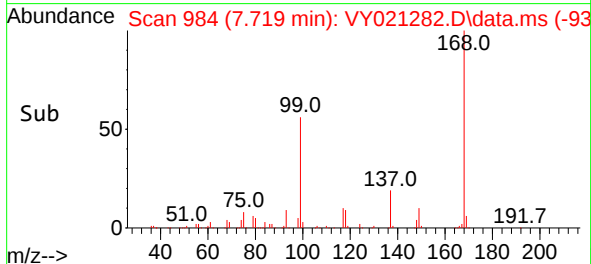
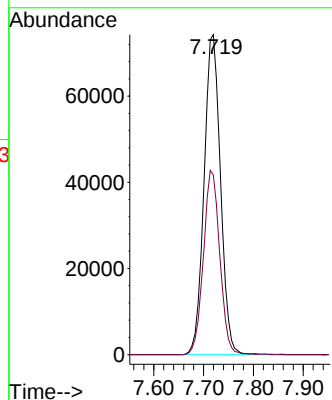
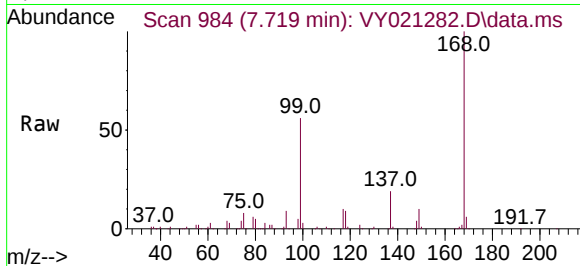




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY021282.D
Acq: 21 Feb 2025 13:51

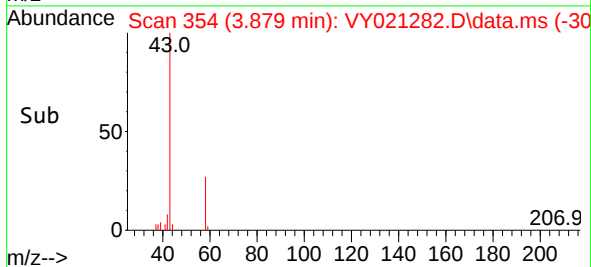
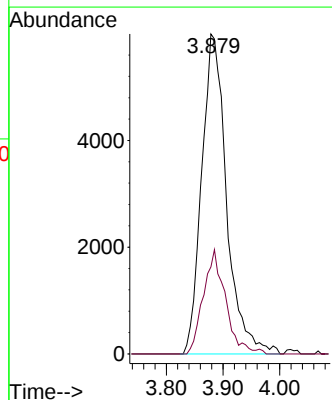
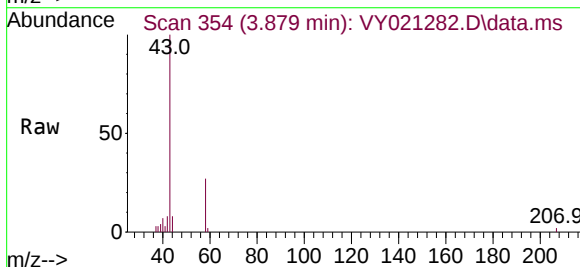
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-14-021725

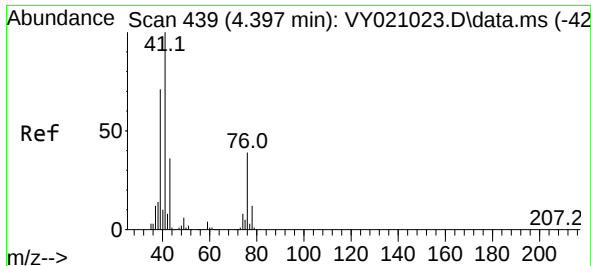
Tgt Ion:168 Resp: 170045
Ion Ratio Lower Upper
168 100
99 56.1 44.2 66.4



#16
Acetone
Concen: 67.254 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021282.D
Acq: 21 Feb 2025 13:51

Tgt Ion: 43 Resp: 18273
Ion Ratio Lower Upper
43 100
58 27.2 26.6 39.8

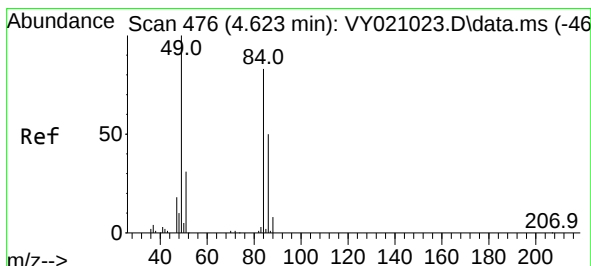
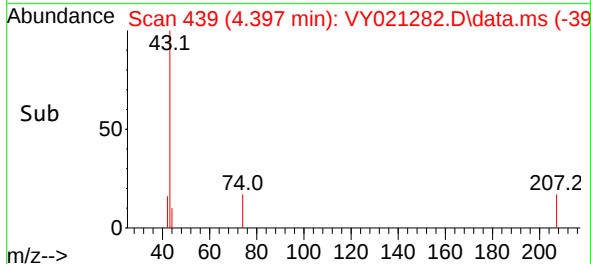
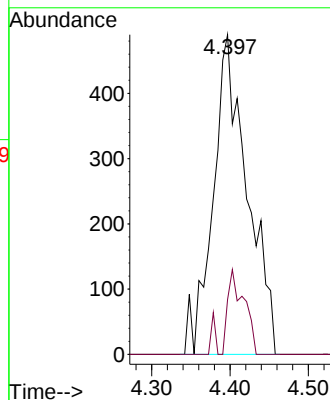
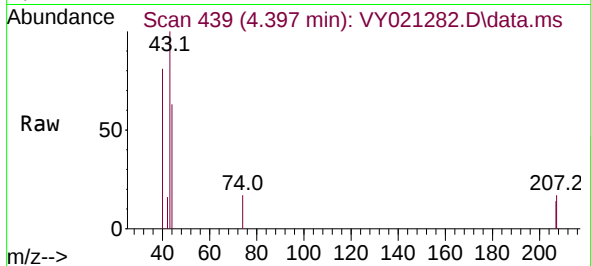




#18
Methyl Acetate
Concen: 1.558 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY021282.D
Acq: 21 Feb 2025 13:51

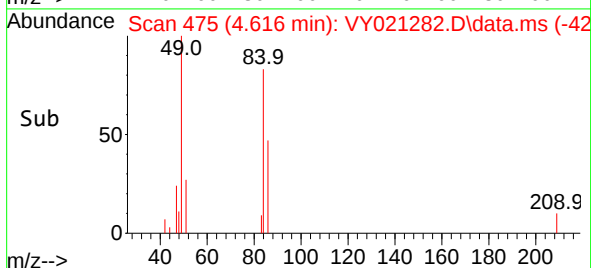
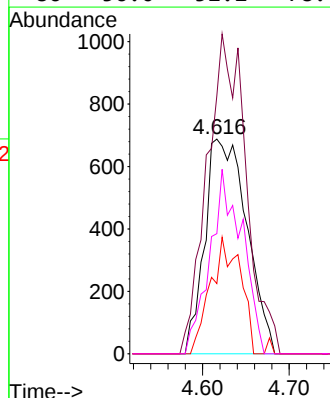
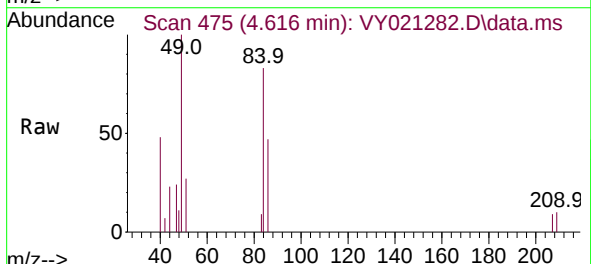
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-14-021725

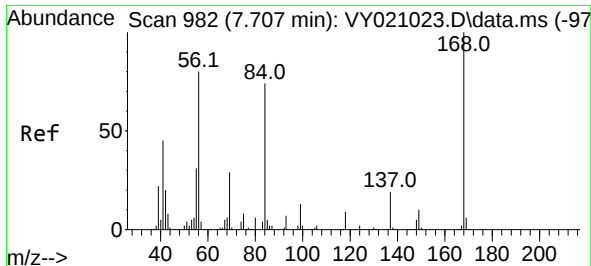
Tgt Ion: 43 Resp: 1486
Ion Ratio Lower Upper
43 100
74 12.8 19.8 29.6#



#20
Methylene Chloride
Concen: 1.378 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY021282.D
Acq: 21 Feb 2025 13:51

Tgt Ion: 84 Resp: 2327
Ion Ratio Lower Upper
84 100
49 120.2 95.2 142.8
51 32.7 29.9 44.9
86 56.0 52.2 78.4

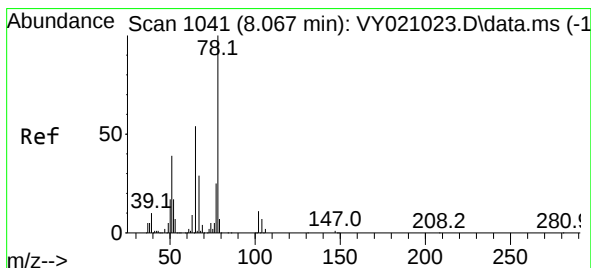
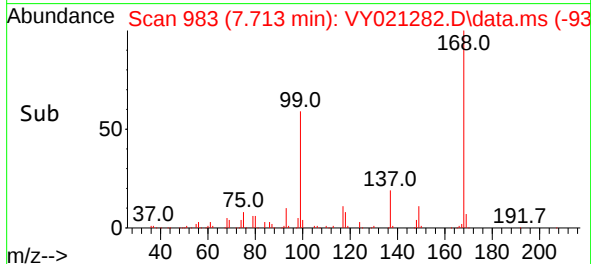
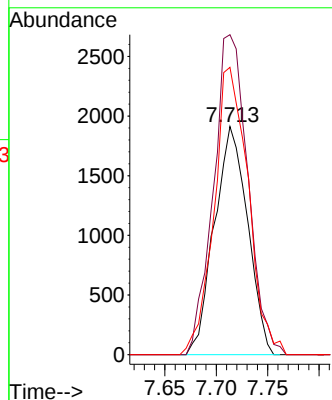
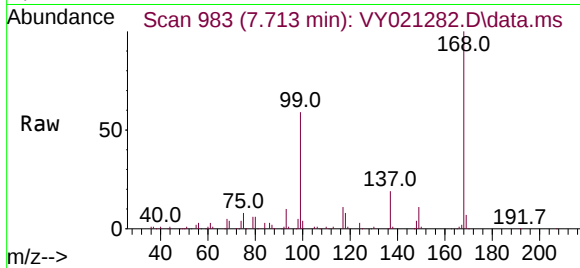




#31
Cyclohexane
Concen: 1.449 ug/l
RT: 7.713 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021282.D
Acq: 21 Feb 2025 13:51

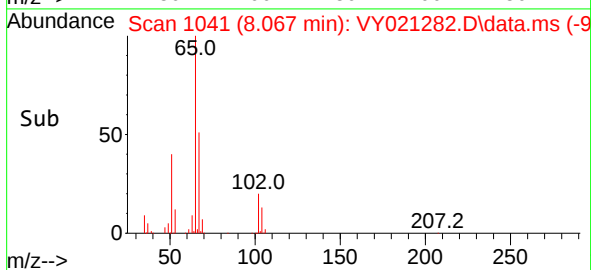
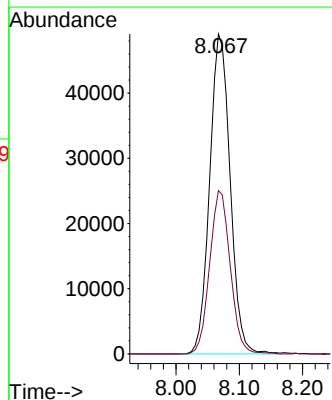
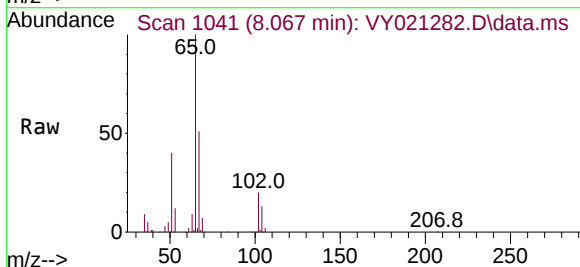
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-14-021725

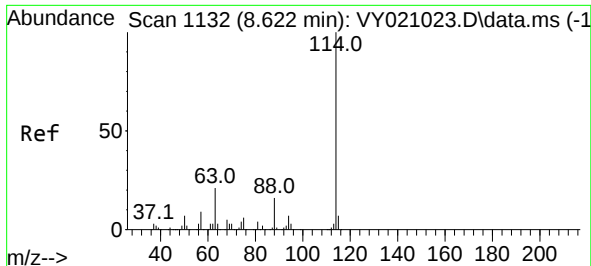
Tgt Ion: 56 Resp: 4305
Ion Ratio Lower Upper
56 100
69 140.3 27.0 40.6#
84 125.9 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 63.407 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021282.D
Acq: 21 Feb 2025 13:51

Tgt Ion: 65 Resp: 110471
Ion Ratio Lower Upper
65 100
67 51.1 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021282.D

Acq: 21 Feb 2025 13:51

Instrument :

MSVOA_Y

ClientSampleId :

OU4-PCS-TC-14-021725

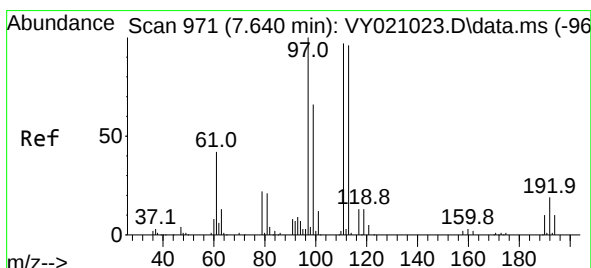
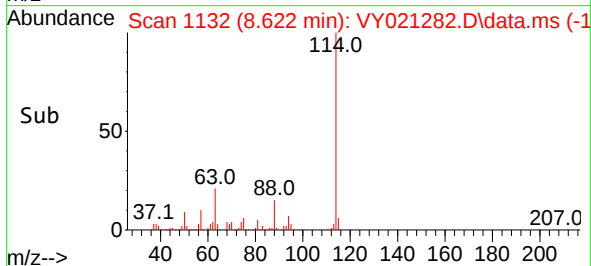
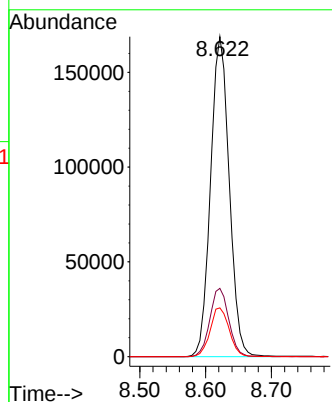
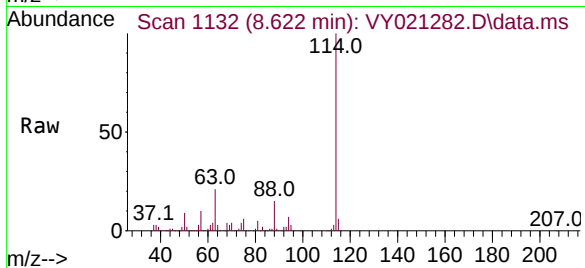
Tgt Ion:114 Resp: 332342

Ion Ratio Lower Upper

114 100

63 21.3 0.0 37.4

88 15.2 0.0 29.0



#35

Dibromofluoromethane

Concen: 51.987 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.000 min

Lab File: VY021282.D

Acq: 21 Feb 2025 13:51

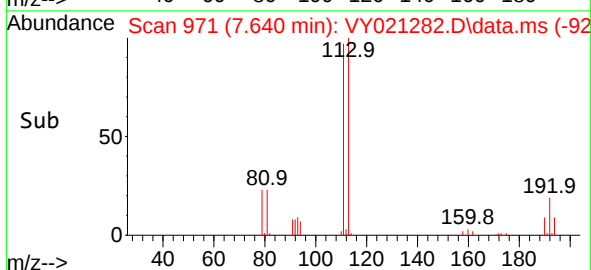
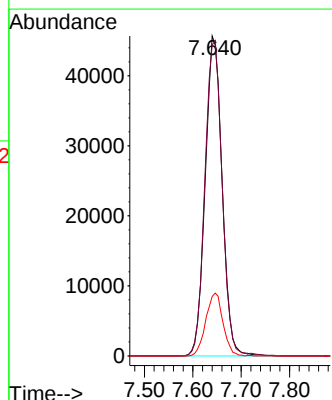
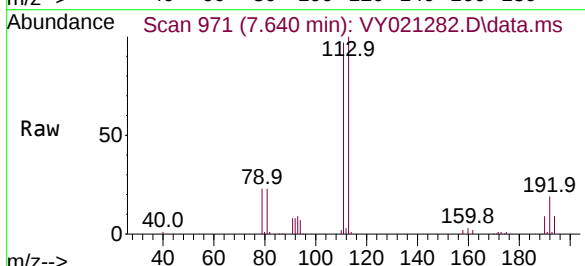
Tgt Ion:113 Resp: 110725

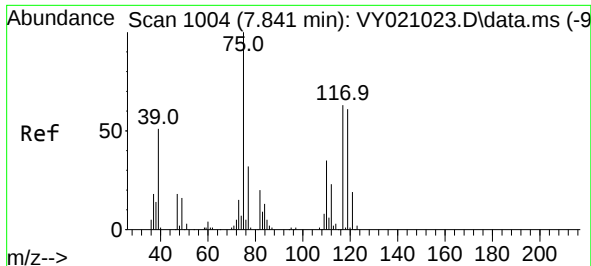
Ion Ratio Lower Upper

113 100

111 100.4 83.8 125.6

192 19.9 14.5 21.7

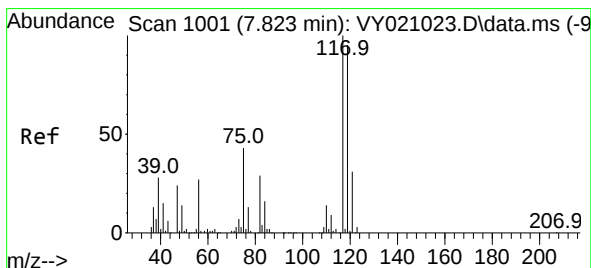
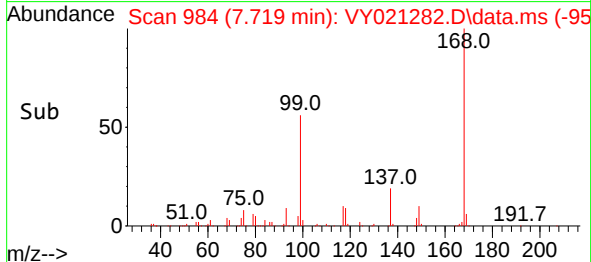
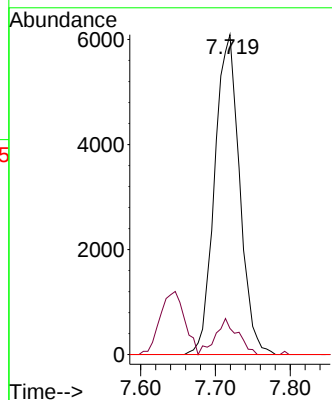
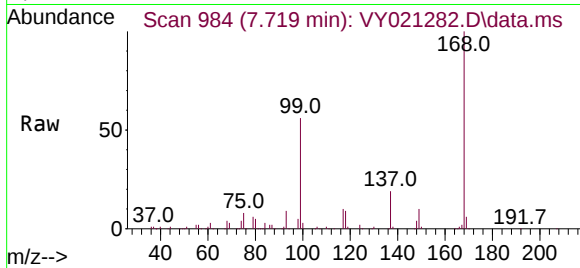




#36
1,1-Dichloropropene
Concen: 4.487 ug/l
RT: 7.719 min Scan# 984
Delta R.T. -0.122 min
Lab File: VY021282.D
Acq: 21 Feb 2025 13:51

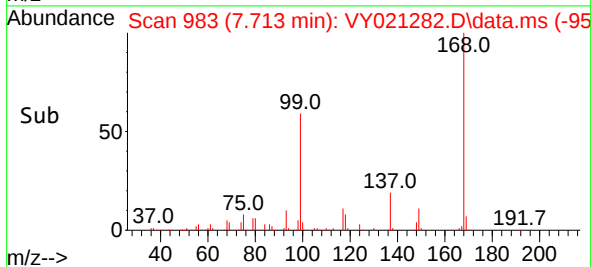
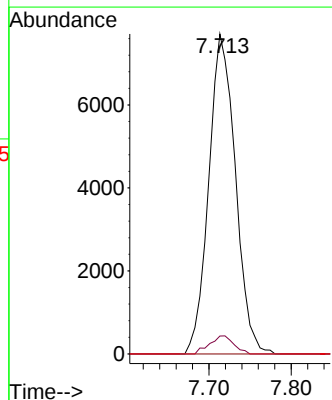
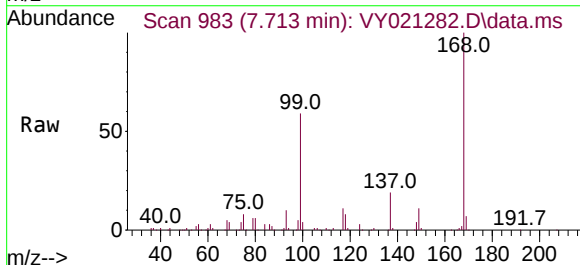
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-14-021725

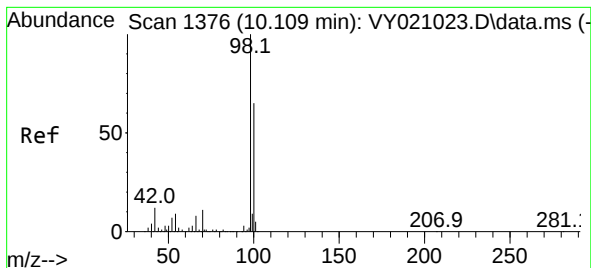
Tgt Ion: 75 Resp: 14154
Ion Ratio Lower Upper
75 100
110 9.3 17.4 52.3#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 4.706 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.110 min
Lab File: VY021282.D
Acq: 21 Feb 2025 13:51

Tgt Ion: 117 Resp: 17348
Ion Ratio Lower Upper
117 100
119 5.6 76.0 114.0#
121 0.0 24.2 36.2#

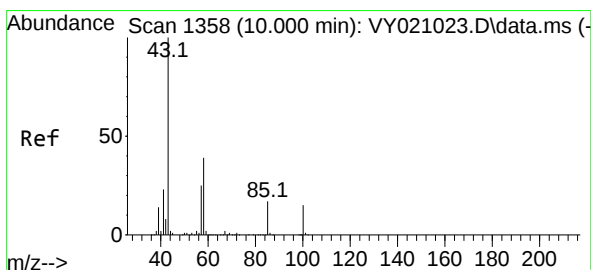
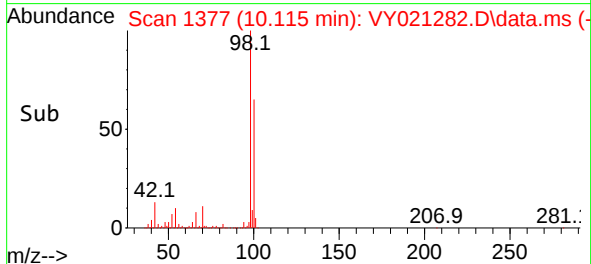
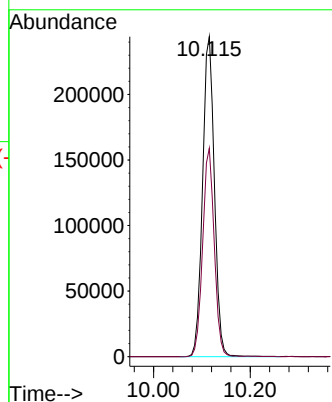
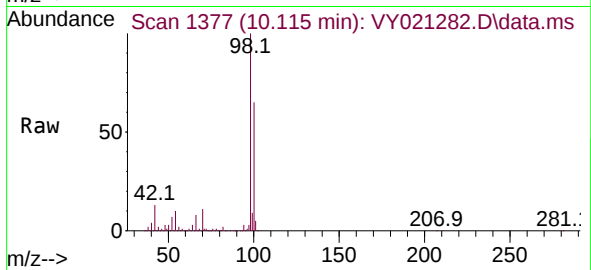




#50
Toluene-d8
Concen: 51.015 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021282.D
Acq: 21 Feb 2025 13:51

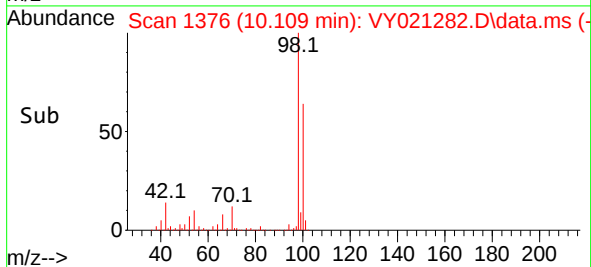
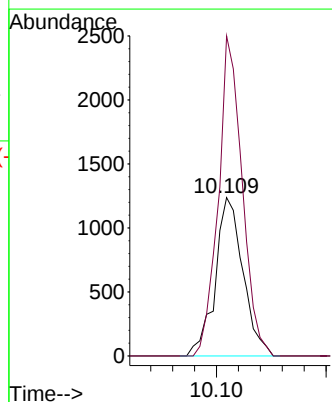
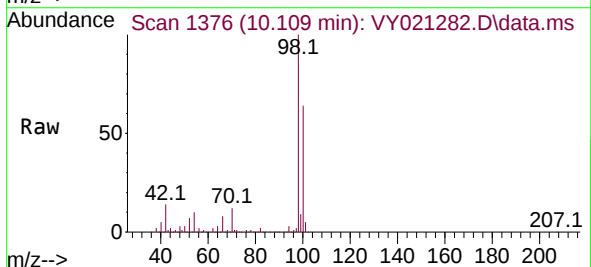
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-14-021725

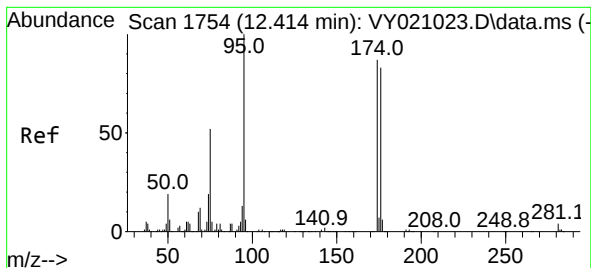
Tgt Ion: 98 Resp: 413661
Ion Ratio Lower Upper
98 100
100 63.9 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 1.569 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.110 min
Lab File: VY021282.D
Acq: 21 Feb 2025 13:51

Tgt Ion: 43 Resp: 2170
Ion Ratio Lower Upper
43 100
58 174.4 32.2 48.2#

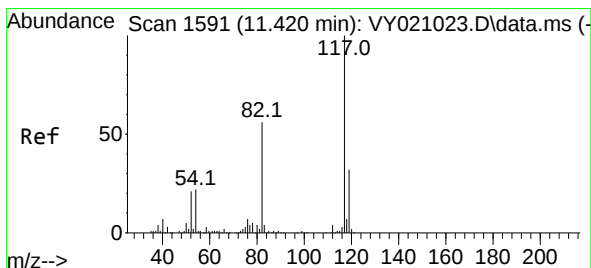
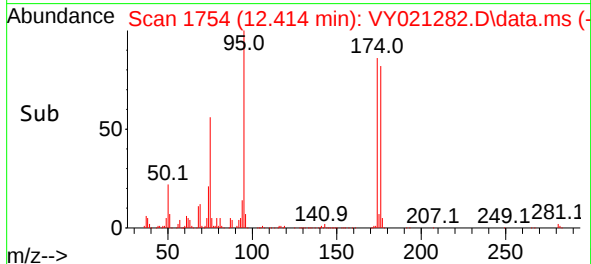
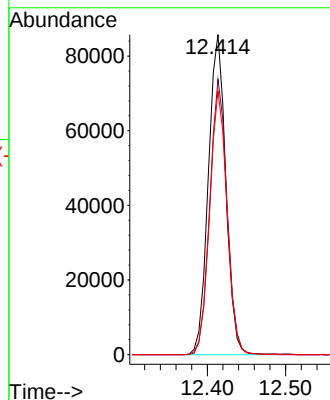
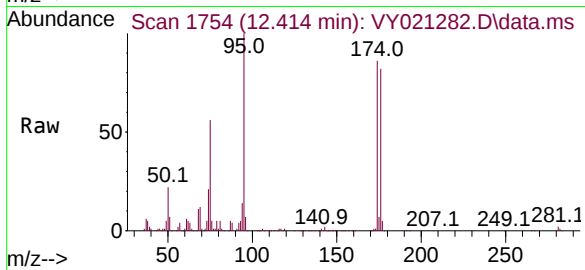




#62
4-Bromofluorobenzene
Concen: 50.176 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021282.D
Acq: 21 Feb 2025 13:51

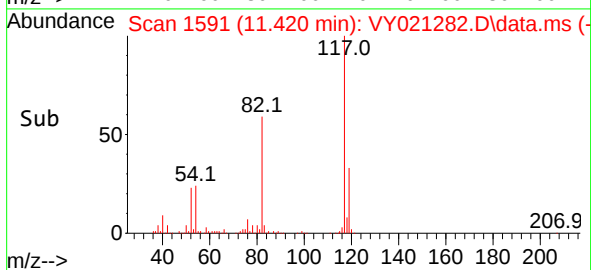
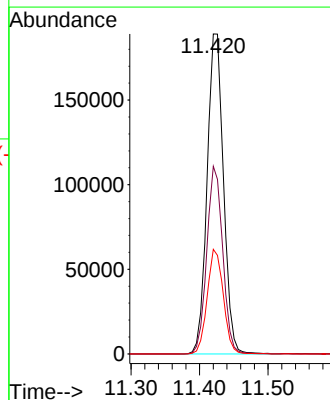
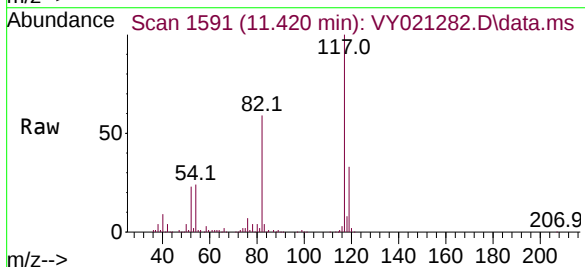
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-14-021725

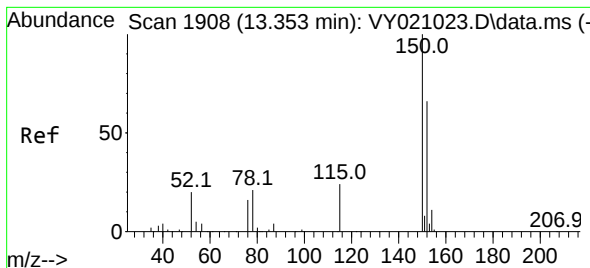
Tgt Ion:	95	Resp:	132917
Ion Ratio	Lower	Upper	
95	100		
174	85.1	0.0	160.0
176	82.0	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021282.D
Acq: 21 Feb 2025 13:51

Tgt Ion:	117	Resp:	313144
Ion Ratio	Lower	Upper	
117	100		
82	58.6	43.8	65.8
119	32.7	26.5	39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021282.D

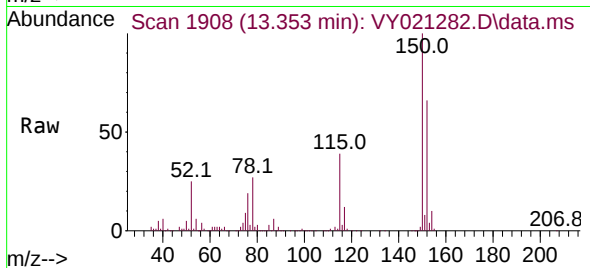
Acq: 21 Feb 2025 13:51

Instrument :

MSVOA_Y

ClientSampleId :

OU4-PCS-TC-14-021725



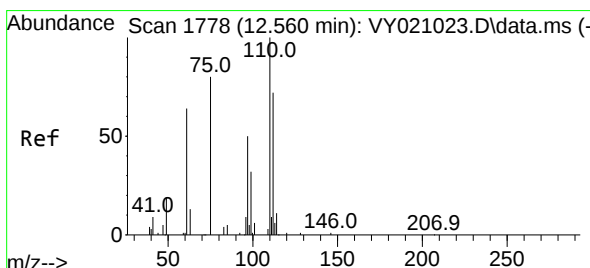
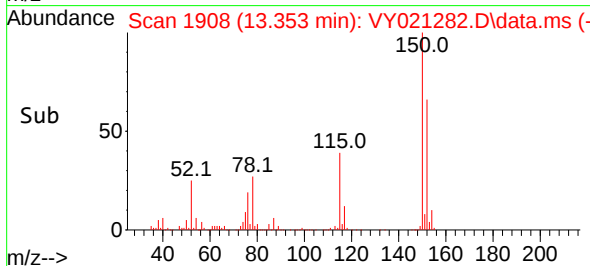
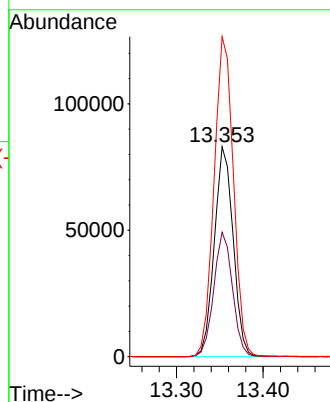
Tgt Ion:152 Resp: 125321

Ion Ratio Lower Upper

152 100

115 59.0 30.0 90.0

150 156.9 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 64.697 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.146 min

Lab File: VY021282.D

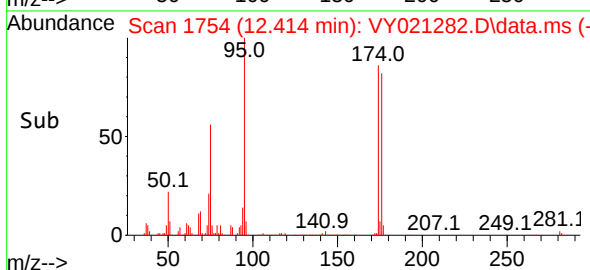
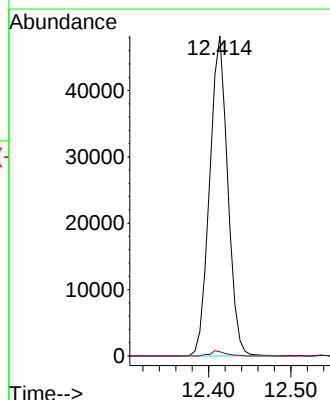
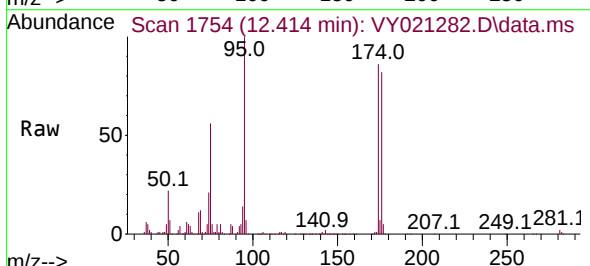
Acq: 21 Feb 2025 13:51

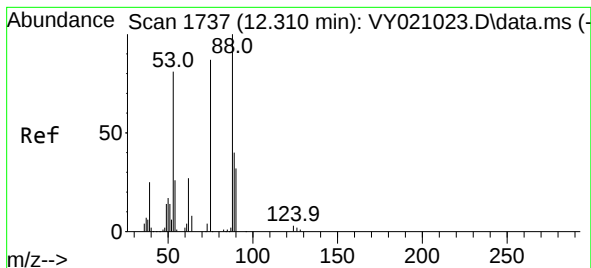
Tgt Ion: 75 Resp: 73549

Ion Ratio Lower Upper

75 100

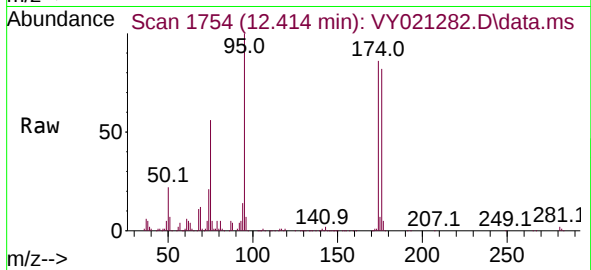
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 132.014 ug/l
 RT: 12.414 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY021282.D
 Acq: 21 Feb 2025 13:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-14-021725



Tgt Ion: 75 Resp: 73549
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

