

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
 Data File : VY021292.D
 Acq On : 21 Feb 2025 17:44
 Operator : SY/MD
 Sample : Q1382-11
 Misc : 5.95g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-06-021725

Quant Time: Feb 21 23:10:17 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)

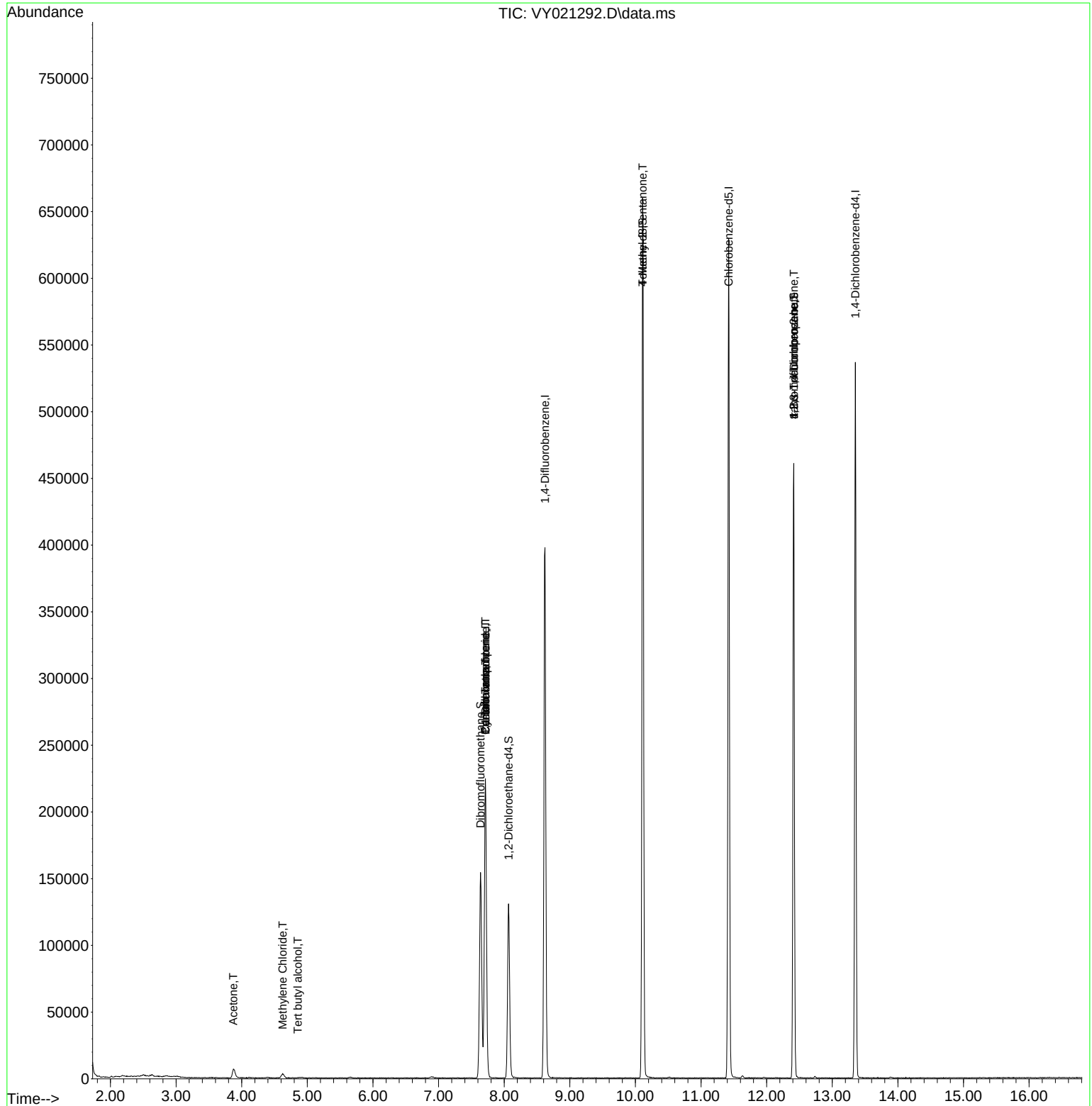
Internal Standards						
1) Pentafluorobenzene	7.713	168	166371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	325610	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	311285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	126553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	102162	59.933	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.860%			
35) Dibromofluoromethane	7.640	113	106313	50.947	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.900%			
50) Toluene-d8	10.109	98	405486	51.041	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.080%			
62) 4-Bromofluorobenzene	12.414	95	131017	50.481	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.960%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.854	59	429	3.714	ug/l #	75
16) Acetone	3.873	43	12904	48.542	ug/l	93
20) Methylene Chloride	4.622	84	2026	1.226	ug/l #	82
31) Cyclohexane	7.713	56	4042	1.390	ug/l #	30
36) 1,1-Dichloropropene	7.713	75	13622	4.407	ug/l #	51
38) Carbon Tetrachloride	7.713	117	17516	4.850	ug/l #	16
51) 4-Methyl-2-Pentanone	10.109	43	2171	1.602	ug/l #	1
76) 1,2,3-Trichloropropane	12.414	75	73539	64.059	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	73539	130.711	ug/l #	12

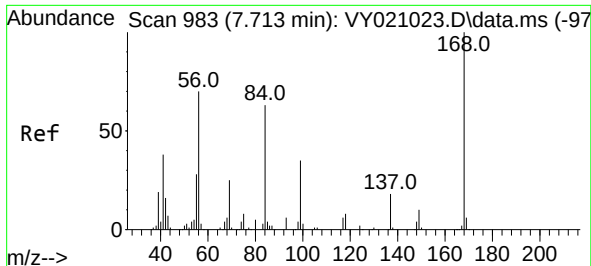
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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OU4-PCS-TC-06-021725

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Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

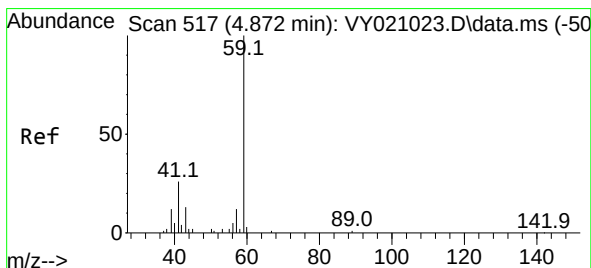
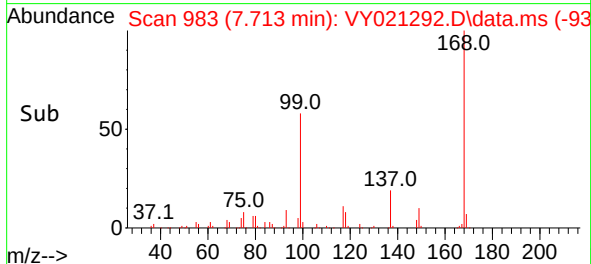
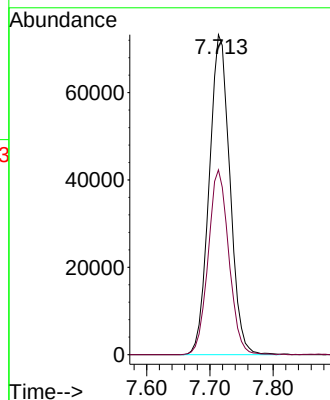
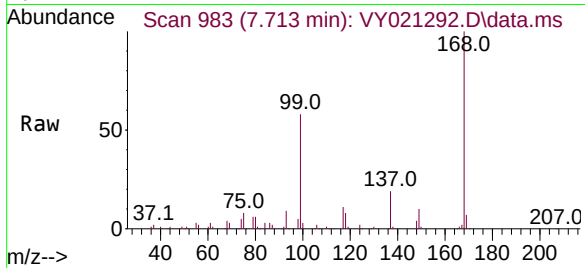




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY021292.D
Acq: 21 Feb 2025 17:44

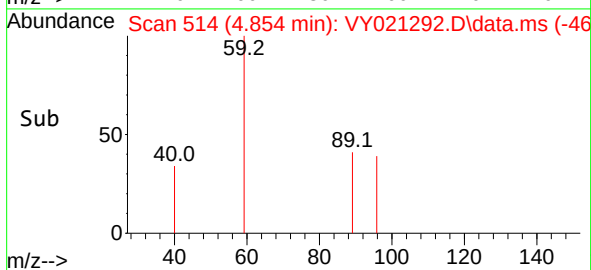
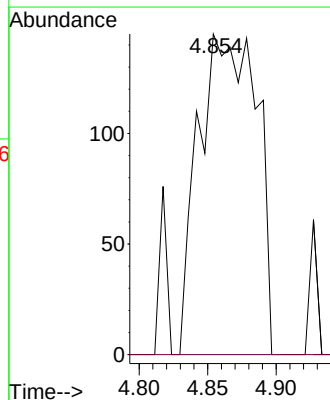
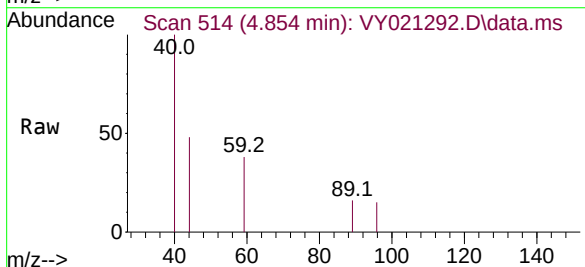
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-06-021725

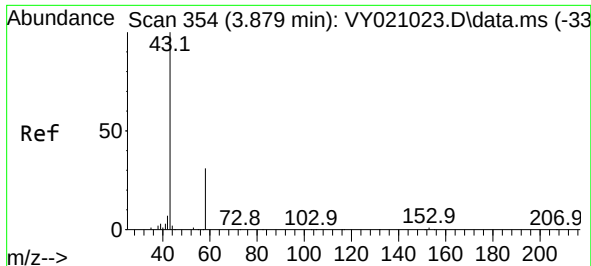
Tgt Ion:168 Resp: 166371
Ion Ratio Lower Upper
168 100
99 57.7 44.2 66.4



#11
Tert butyl alcohol
Concen: 3.714 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY021292.D
Acq: 21 Feb 2025 17:44

Tgt Ion: 59 Resp: 429
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

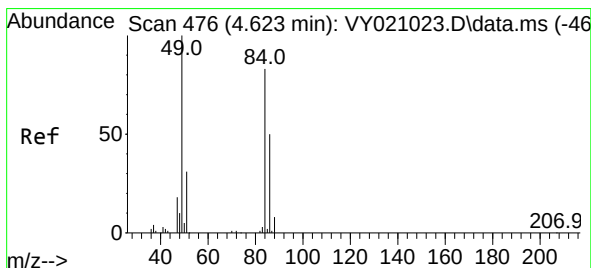
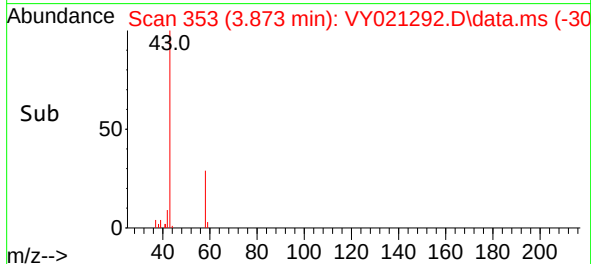
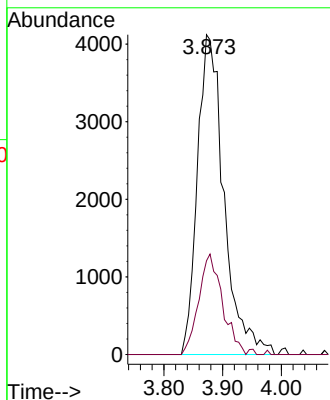
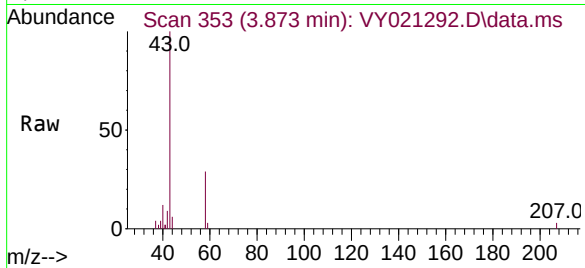




#16
Acetone
Concen: 48.542 ug/l
RT: 3.873 min Scan# 354
Delta R.T. -0.006 min
Lab File: VY021292.D
Acq: 21 Feb 2025 17:44

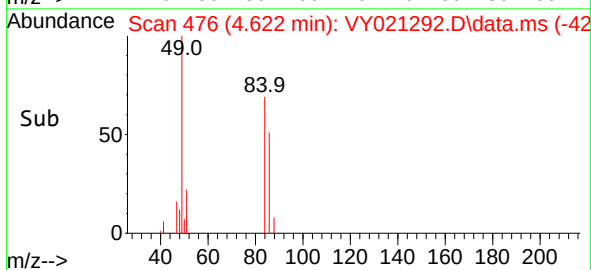
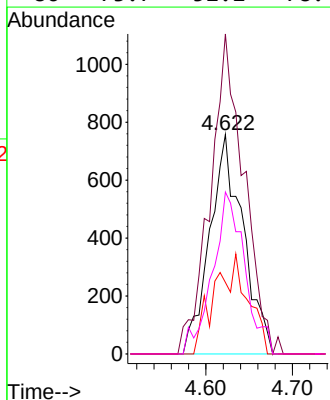
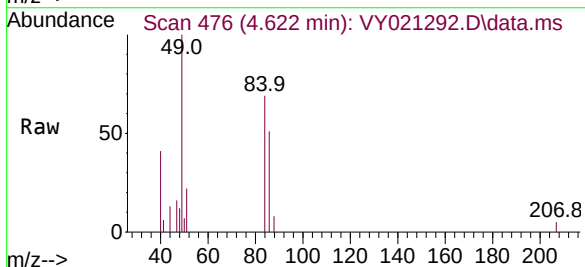
Instrument :
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ClientSampleId :
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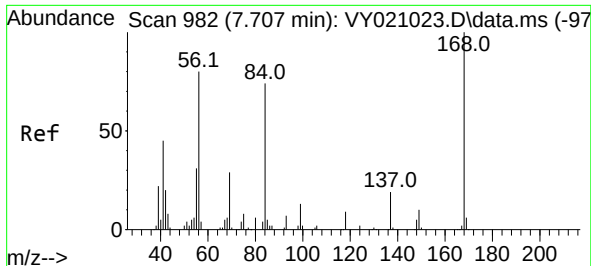
Tgt Ion: 43 Resp: 12904
Ion Ratio Lower Upper
43 100
58 29.3 26.6 39.8



#20
Methylene Chloride
Concen: 1.226 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY021292.D
Acq: 21 Feb 2025 17:44

Tgt Ion: 84 Resp: 2026
Ion Ratio Lower Upper
84 100
49 145.8 95.2 142.8#
51 32.6 29.9 44.9
86 73.7 52.2 78.4

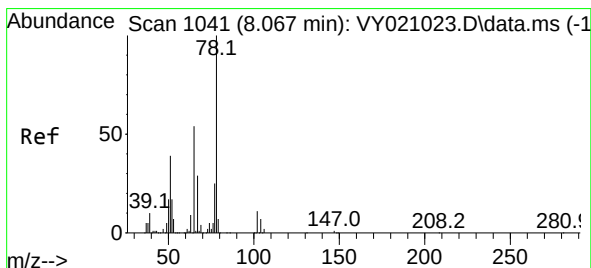
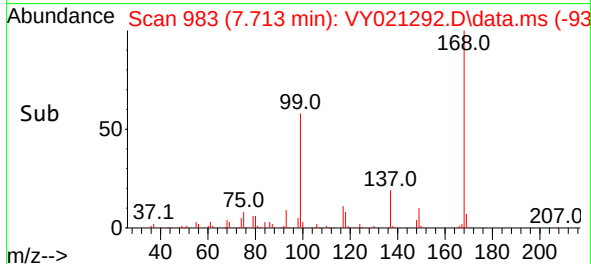
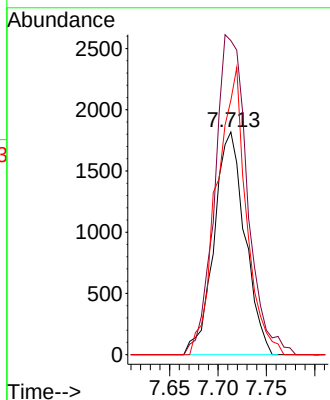
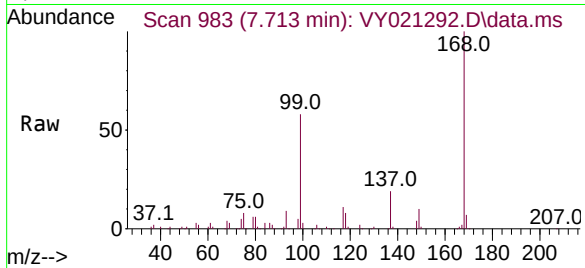




#31
Cyclohexane
Concen: 1.390 ug/l
RT: 7.713 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021292.D
Acq: 21 Feb 2025 17:44

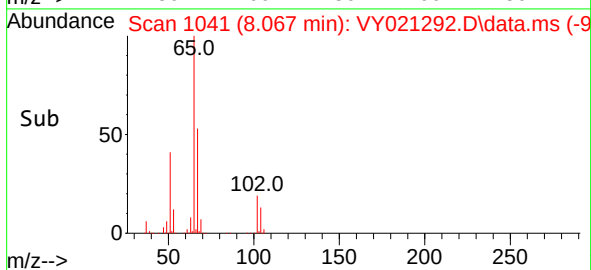
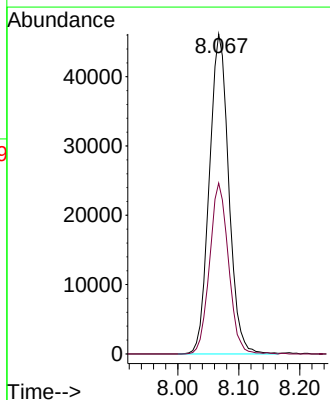
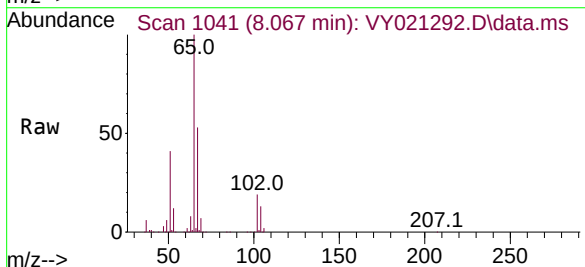
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-06-021725

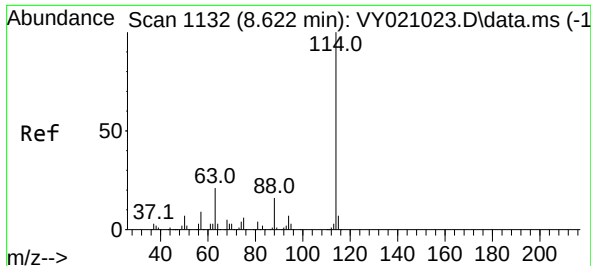
Tgt Ion: 56 Resp: 4042
Ion Ratio Lower Upper
56 100
69 141.0 27.0 40.6#
84 114.1 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 59.933 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021292.D
Acq: 21 Feb 2025 17:44

Tgt Ion: 65 Resp: 102162
Ion Ratio Lower Upper
65 100
67 51.7 0.0 109.0

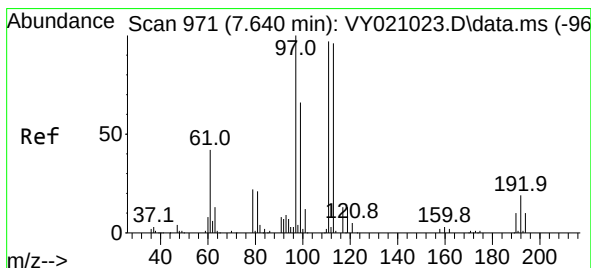
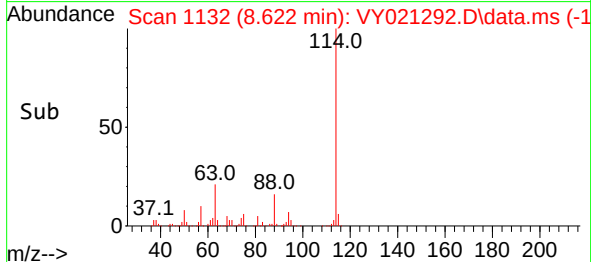
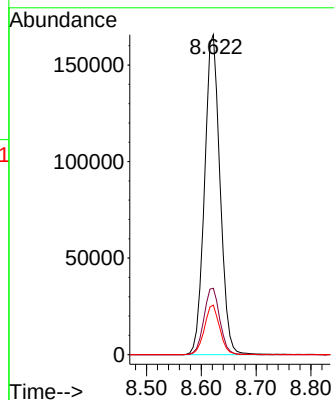
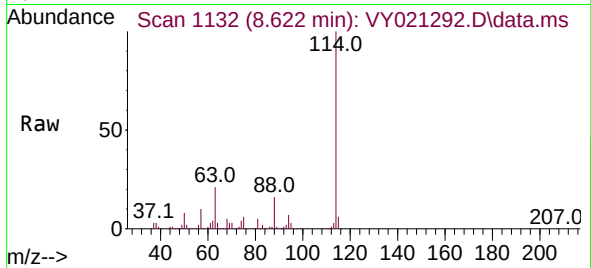




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021292.D
Acq: 21 Feb 2025 17:44

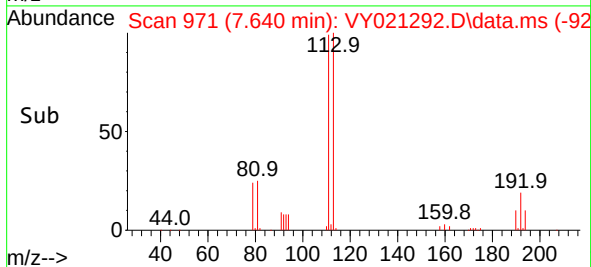
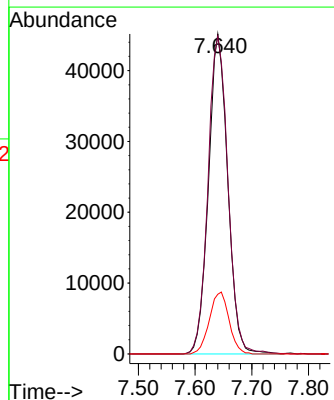
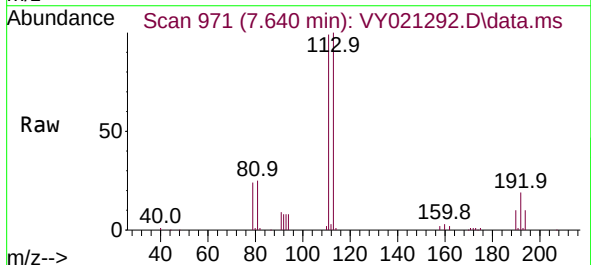
Instrument :
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ClientSampleId :
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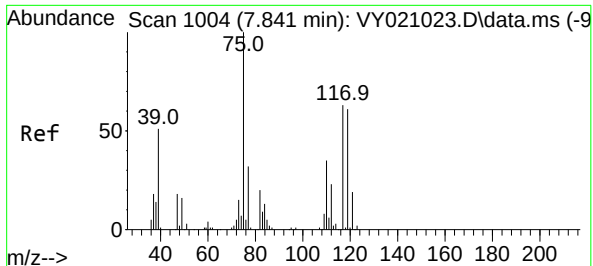
Tgt Ion:114 Resp: 325610
Ion Ratio Lower Upper
114 100
63 20.7 0.0 37.4
88 15.5 0.0 29.0



#35
Dibromofluoromethane
Concen: 50.947 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY021292.D
Acq: 21 Feb 2025 17:44

Tgt Ion:113 Resp: 106313
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.6
192 19.8 14.5 21.7

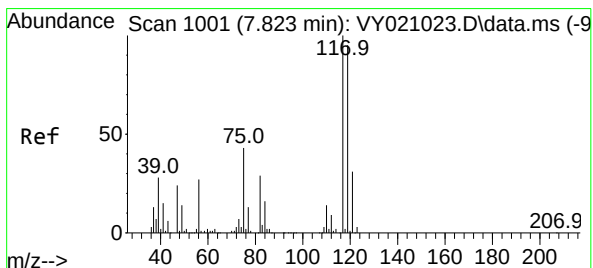
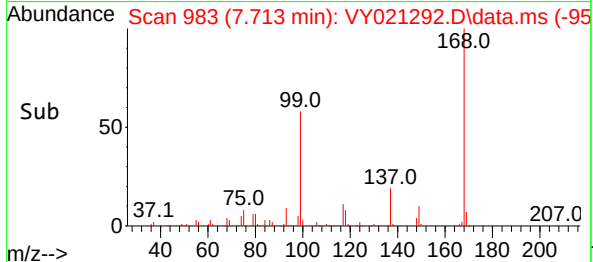
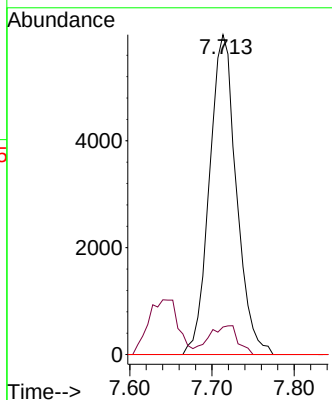
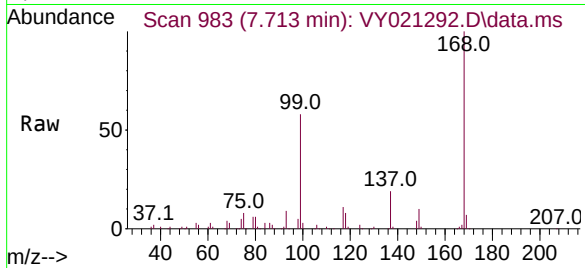




#36
1,1-Dichloropropene
Concen: 4.407 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY021292.D
Acq: 21 Feb 2025 17:44

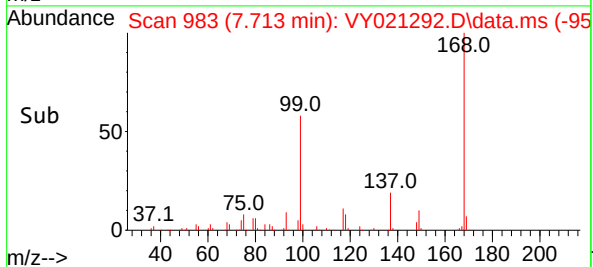
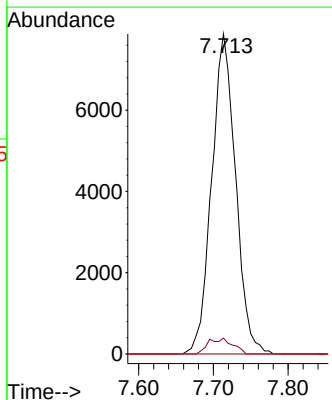
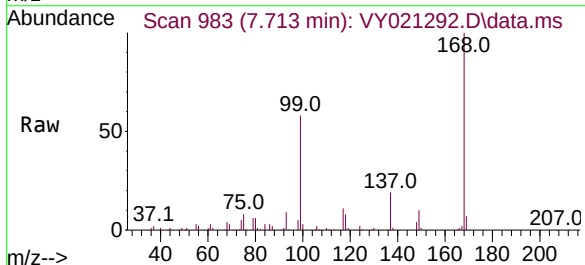
Instrument :
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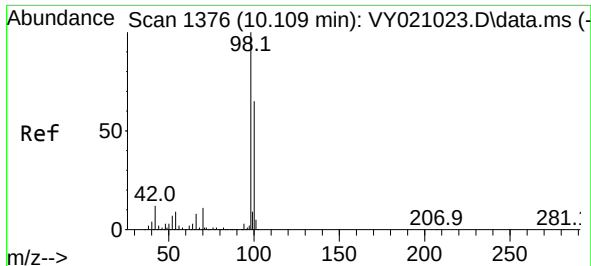
Tgt Ion: 75 Resp: 13622
Ion Ratio Lower Upper
75 100
110 9.8 17.4 52.3#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 4.850 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.110 min
Lab File: VY021292.D
Acq: 21 Feb 2025 17:44

Tgt Ion: 117 Resp: 17516
Ion Ratio Lower Upper
117 100
119 4.9 76.0 114.0#
121 0.0 24.2 36.2#

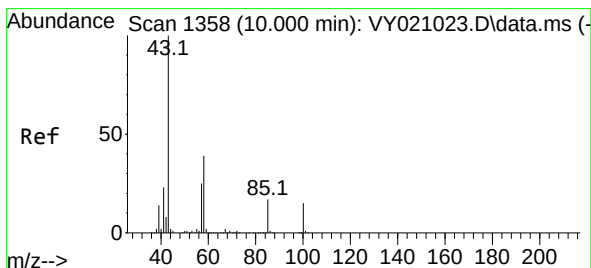
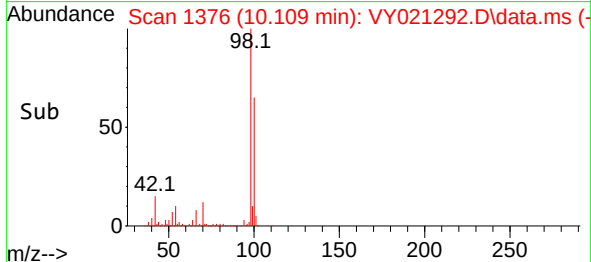
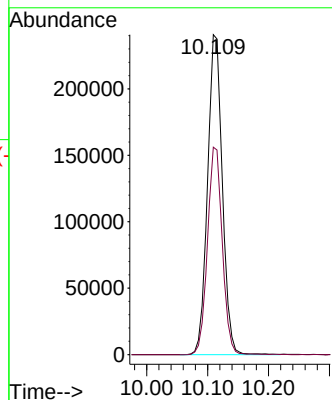
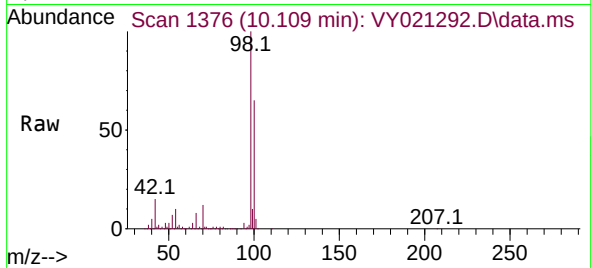




#50
Toluene-d8
Concen: 51.041 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021292.D
Acq: 21 Feb 2025 17:44

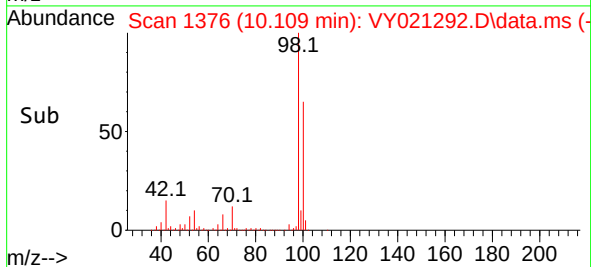
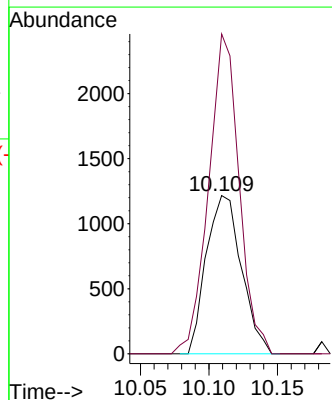
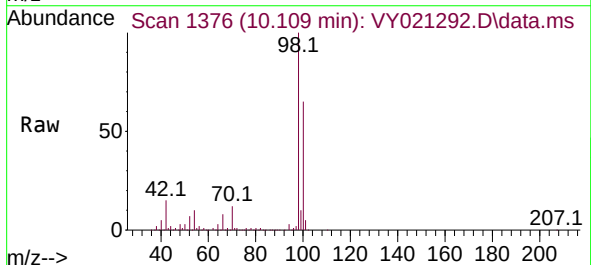
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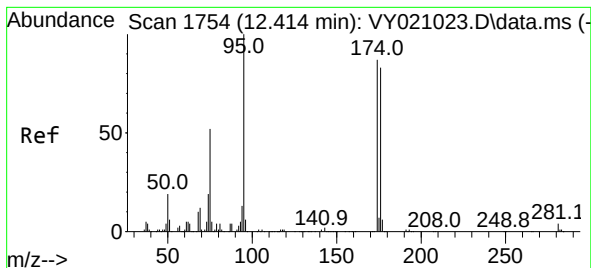
Tgt Ion: 98 Resp: 405486
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 1.602 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.110 min
Lab File: VY021292.D
Acq: 21 Feb 2025 17:44

Tgt Ion: 43 Resp: 2171
Ion Ratio Lower Upper
43 100
58 176.0 32.2 48.2#

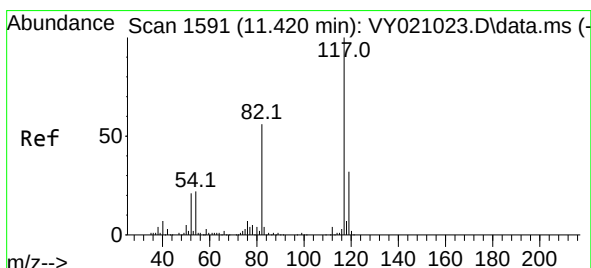
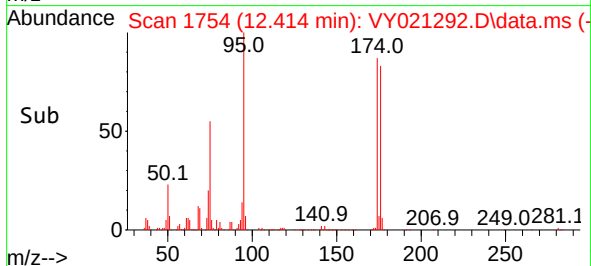
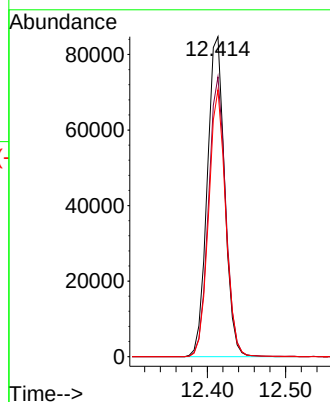
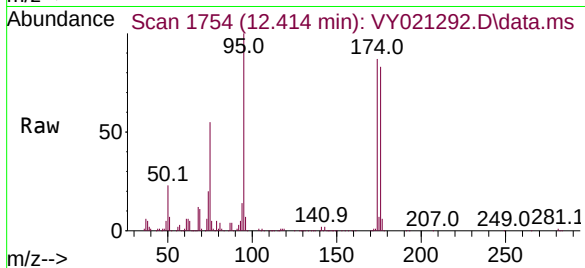




#62
4-Bromofluorobenzene
Concen: 50.481 ug/l
RT: 12.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021292.D
Acq: 21 Feb 2025 17:44

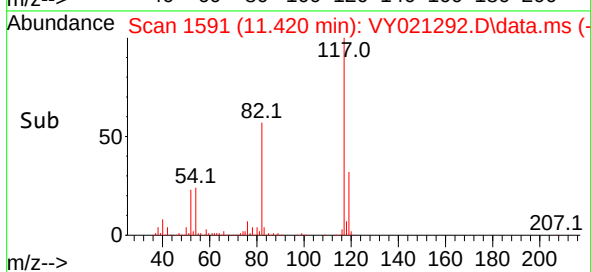
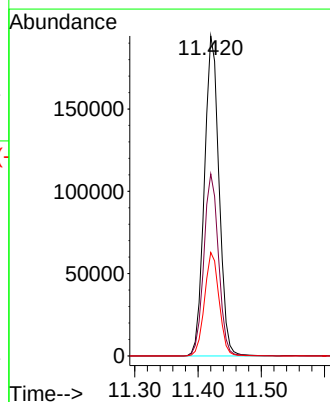
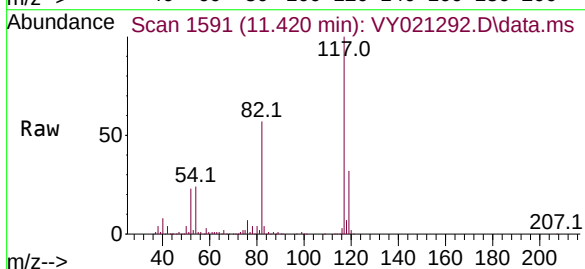
Instrument :
MSVOA_Y
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OU4-PCS-TC-06-021725

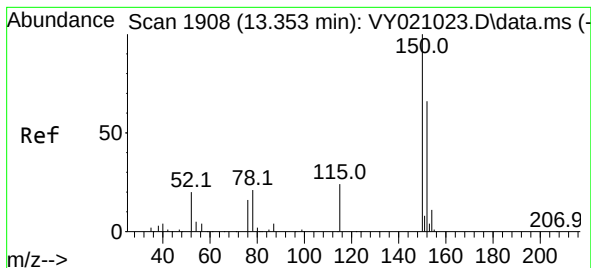
Tgt Ion: 95 Resp: 131017
Ion Ratio Lower Upper
95 100
174 86.5 0.0 160.0
176 81.8 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021292.D
Acq: 21 Feb 2025 17:44

Tgt Ion: 117 Resp: 311285
Ion Ratio Lower Upper
117 100
82 56.9 43.8 65.8
119 32.3 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: VY021292.D

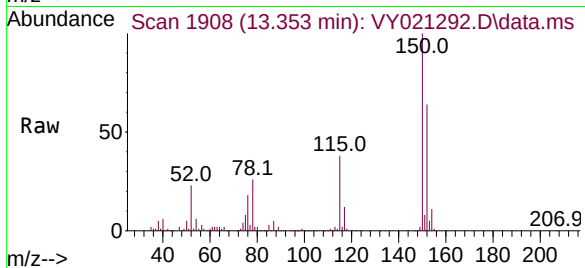
Acq: 21 Feb 2025 17:44

Instrument :

MSVOA_Y

ClientSampleId :

OU4-PCS-TC-06-021725



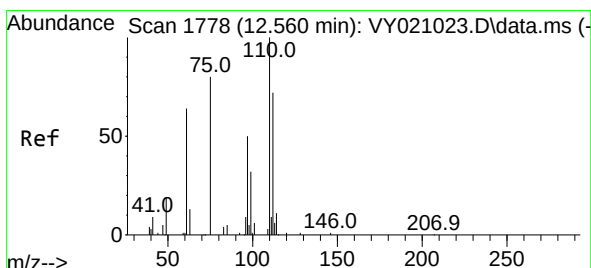
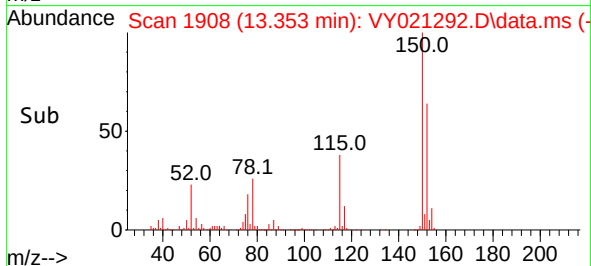
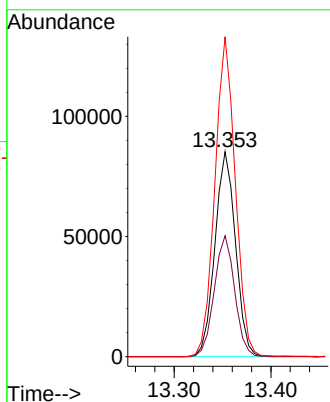
Tgt Ion:152 Resp: 126553

Ion Ratio Lower Upper

152 100

115 58.4 30.0 90.0

150 154.8 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 64.059 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.146 min

Lab File: VY021292.D

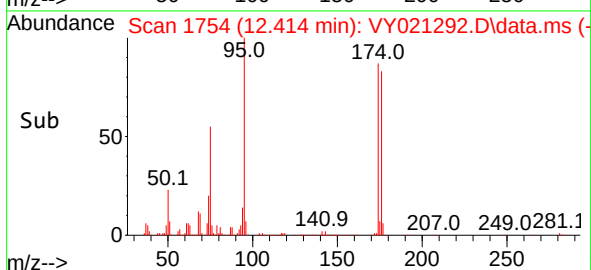
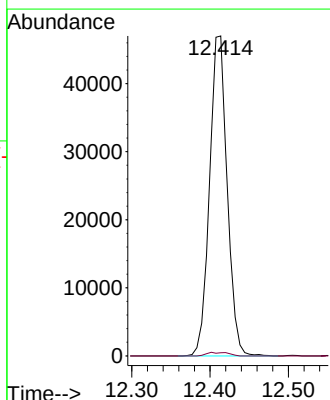
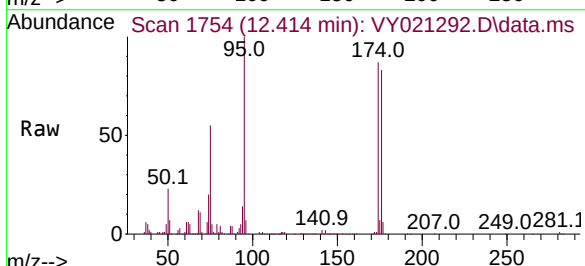
Acq: 21 Feb 2025 17:44

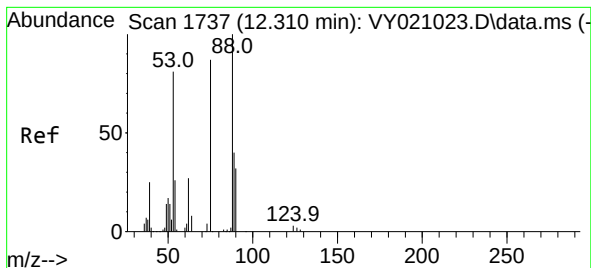
Tgt Ion: 75 Resp: 73539

Ion Ratio Lower Upper

75 100

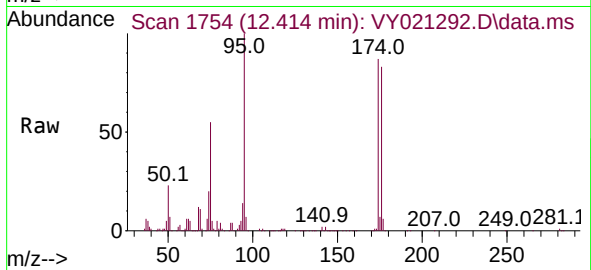
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.711 ug/l
 RT: 12.414 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY021292.D
 Acq: 21 Feb 2025 17:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-06-021725



Tgt Ion: 75 Resp: 73539
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

