

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
 Data File : VY021331.D
 Acq On : 26 Feb 2025 15:04
 Operator : SY/MD
 Sample : Q1382-19
 Misc : 5.95g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-10-021725

Quant Time: Feb 27 00:38:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

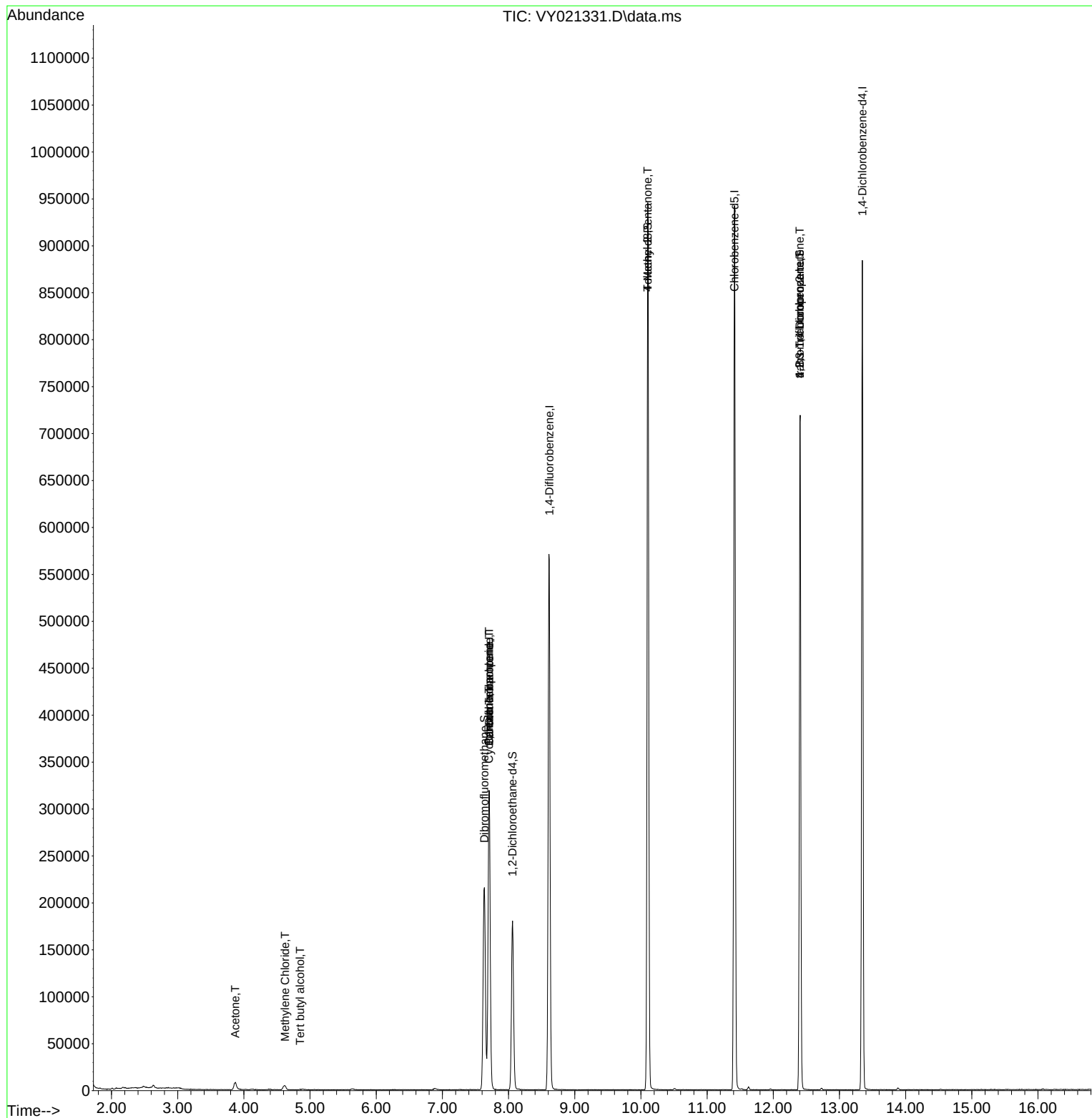
Internal Standards						
1) Pentafluorobenzene	7.707	168	237861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	473473	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.413	117	472235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	207899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	144499	53.551	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.100%	
35) Dibromofluoromethane	7.634	113	155360	50.049	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.100%	
50) Toluene-d8	10.103	98	592844	49.418	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.840%	
62) 4-Bromofluorobenzene	12.401	95	210287	52.085	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.160%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.848	59	702	3.382	ug/l #	72
16) Acetone	3.872	43	14420	27.859	ug/l	98
20) Methylene Chloride	4.622	84	3229	1.154	ug/l #	75
31) Cyclohexane	7.701	56	5573	1.171	ug/l #	37
36) 1,1-Dichloropropene	7.707	75	19414	4.164	ug/l #	51
38) Carbon Tetrachloride	7.707	117	24138	4.605	ug/l #	16
51) 4-Methyl-2-Pentanone	10.103	43	2837	1.235	ug/l #	1
76) 1,2,3-Trichloropropane	12.401	75	118175	56.789	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	118175	126.221	ug/l #	10

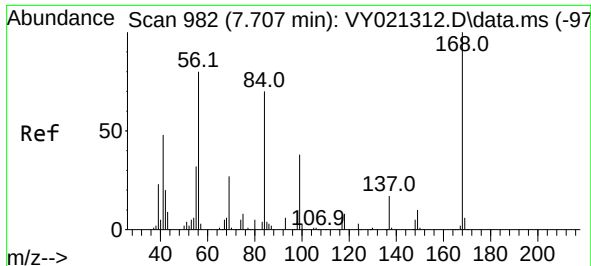
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
Data File : VY021331.D
Acq On : 26 Feb 2025 15:04
Operator : SY/MD
Sample : Q1382-19
Misc : 5.95g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-10-021725

Quant Time: Feb 27 00:38:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

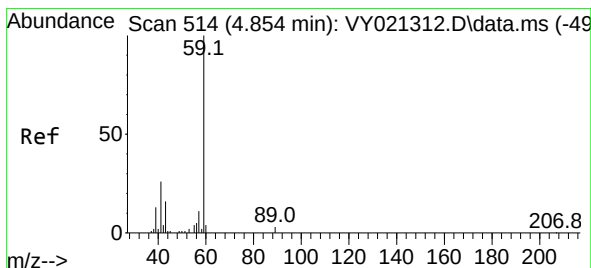
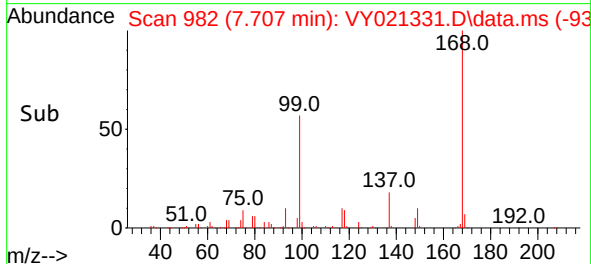
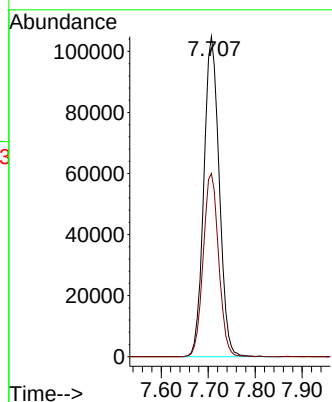
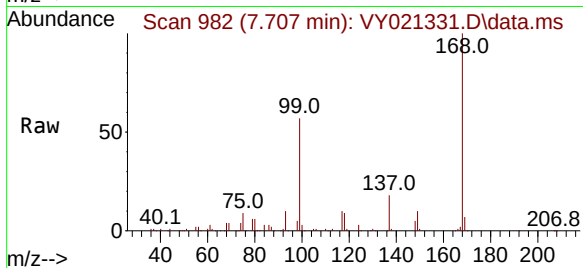




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 99
Delta R.T. -0.000 min
Lab File: VY021331.D
Acq: 26 Feb 2025 15:04

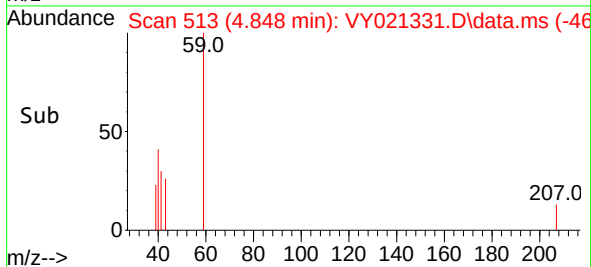
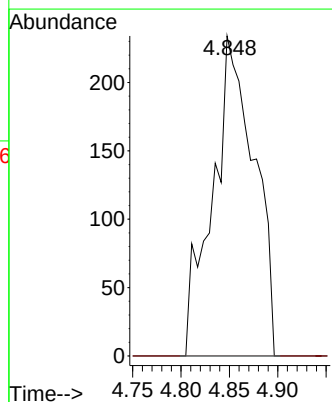
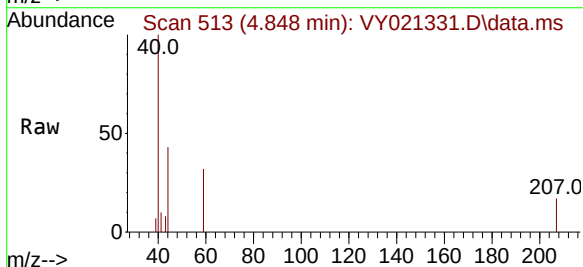
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-10-021725

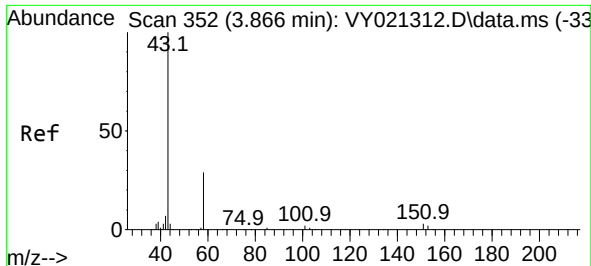
Tgt Ion:168 Resp: 237861
Ion Ratio Lower Upper
168 100
99 57.3 47.1 70.7



#11
Tert butyl alcohol
Concen: 3.382 ug/l
RT: 4.848 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY021331.D
Acq: 26 Feb 2025 15:04

Tgt Ion: 59 Resp: 702
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16

Acetone

Concen: 27.859 ug/l

RT: 3.872 min Scan# 3

Delta R.T. 0.006 min

Lab File: VY021331.D

Acq: 26 Feb 2025 15:04

Instrument :

MSVOA_Y

ClientSampleId :

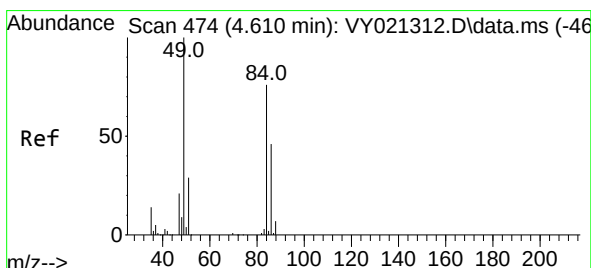
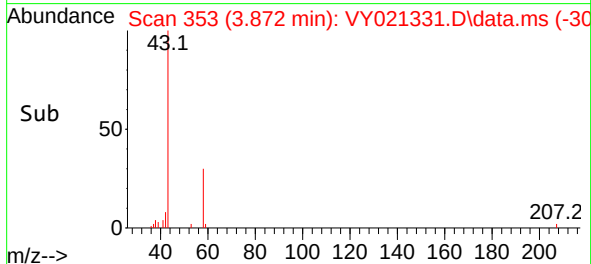
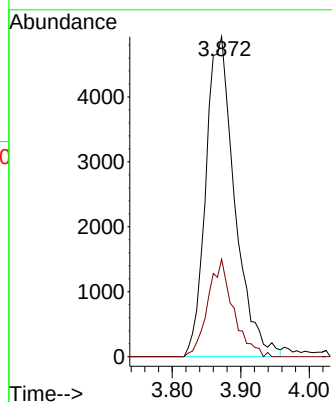
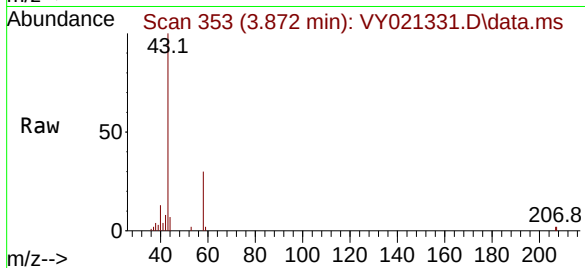
OU4-PCS-TC-10-021725

Tgt Ion: 43 Resp: 14420

Ion Ratio Lower Upper

43 100

58 30.4 23.5 35.3



#20

Methylene Chloride

Concen: 1.154 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.012 min

Lab File: VY021331.D

Acq: 26 Feb 2025 15:04

Tgt Ion: 84 Resp: 3229

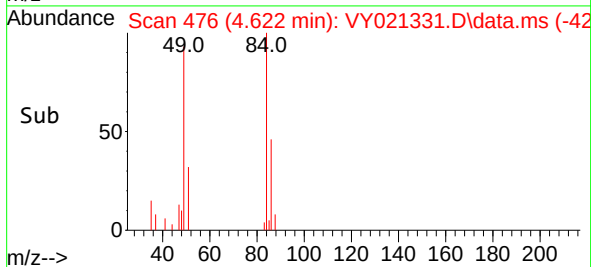
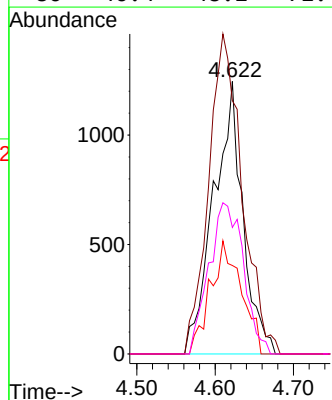
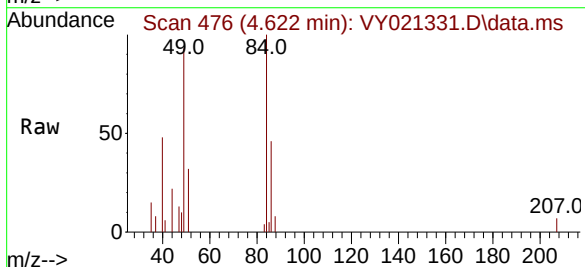
Ion Ratio Lower Upper

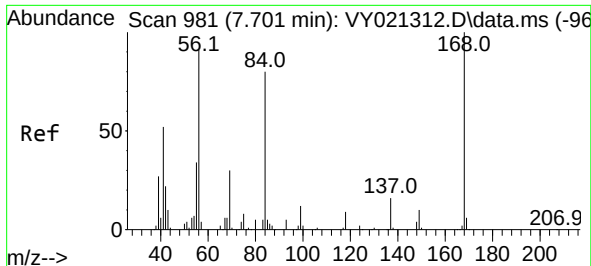
84 100

49 92.9 105.1 157.7#

51 32.4 31.0 46.4

86 46.4 48.2 72.4#

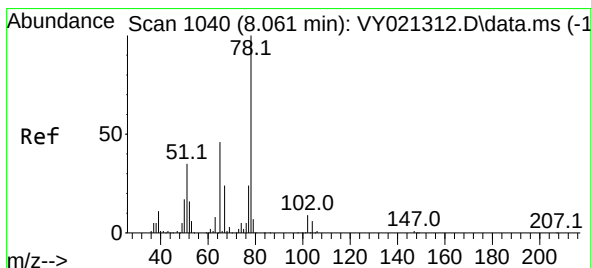
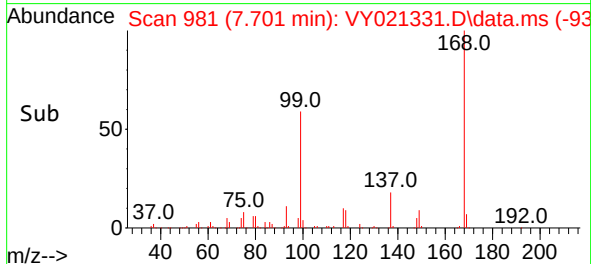
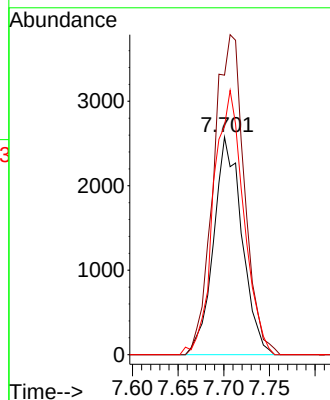
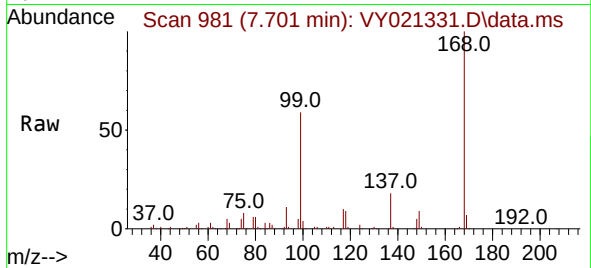




#31
Cyclohexane
Concen: 1.171 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY021331.D
Acq: 26 Feb 2025 15:04

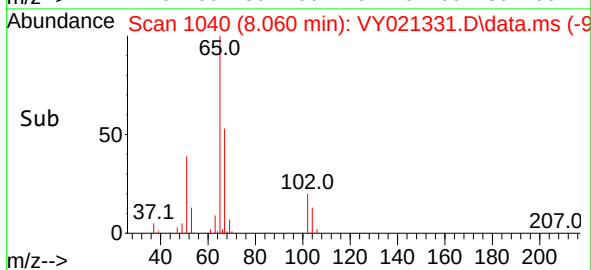
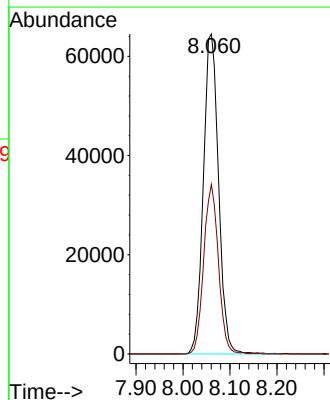
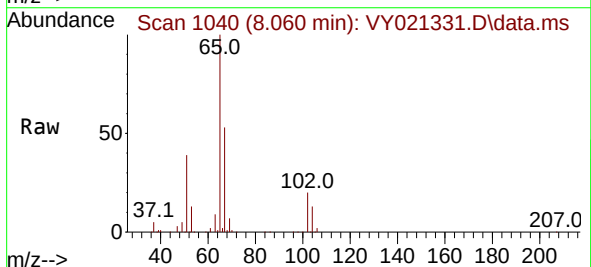
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-10-021725

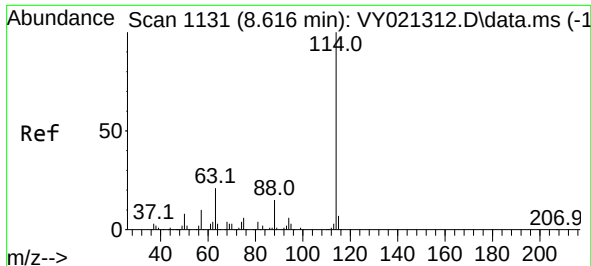
Tgt Ion: 56 Resp: 5573
Ion Ratio Lower Upper
56 100
69 128.5 26.2 39.4#
84 109.8 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 53.551 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY021331.D
Acq: 26 Feb 2025 15:04

Tgt Ion: 65 Resp: 144499
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.6

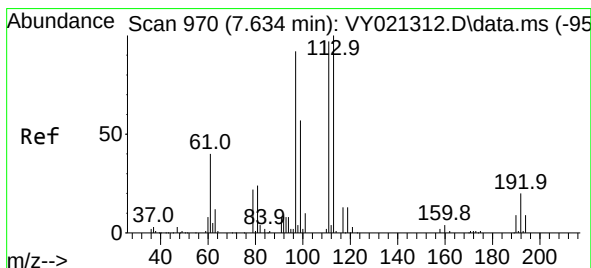
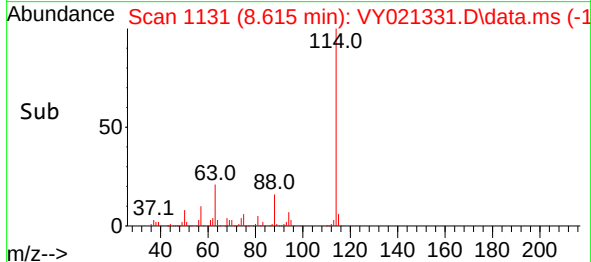
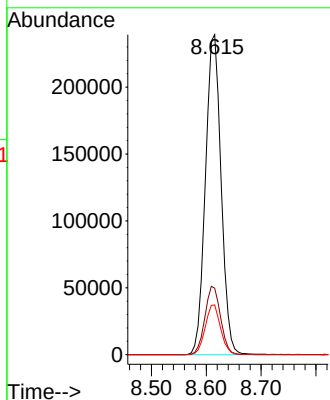
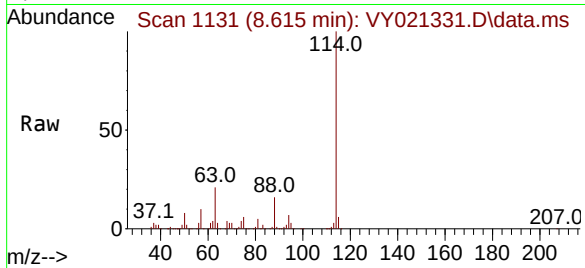




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY021331.D
Acq: 26 Feb 2025 15:04

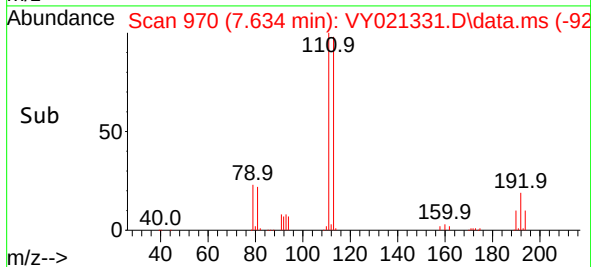
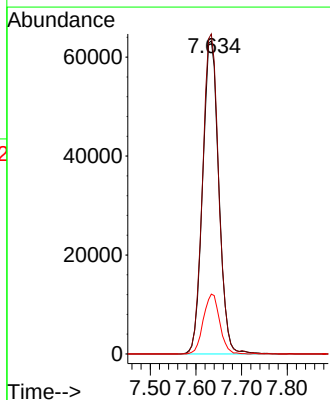
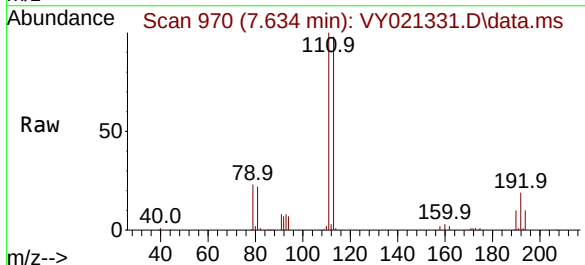
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-10-021725

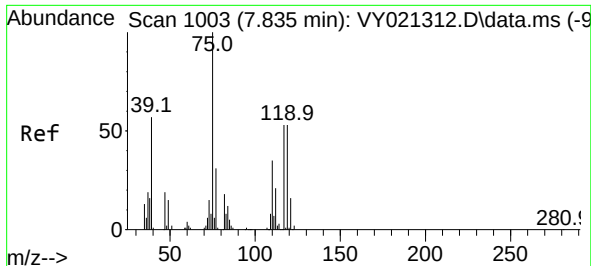
Tgt Ion:114 Resp: 473473
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.2
88 15.5 0.0 29.8



#35
Dibromofluoromethane
Concen: 50.049 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY021331.D
Acq: 26 Feb 2025 15:04

Tgt Ion:113 Resp: 155360
Ion Ratio Lower Upper
113 100
111 101.9 81.0 121.6
192 19.2 15.8 23.8





#36

1,1-Dichloropropene

Concen: 4.164 ug/l

RT: 7.707 min Scan# 9

Delta R.T. -0.128 min

Lab File: VY021331.D

Acq: 26 Feb 2025 15:04

Instrument :

MSVOA_Y

ClientSampleId :

OU4-PCS-TC-10-021725

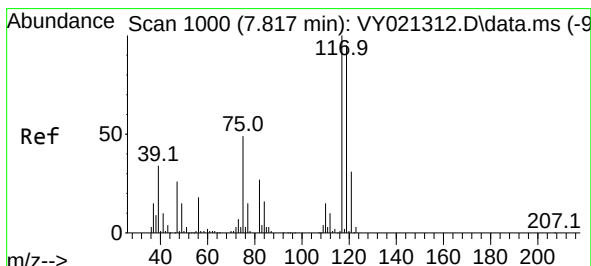
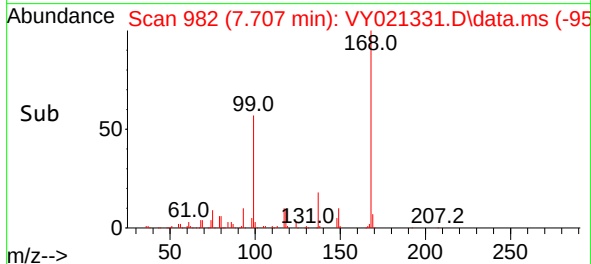
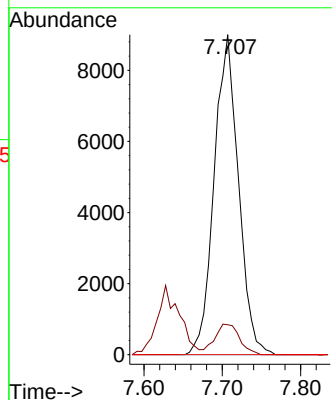
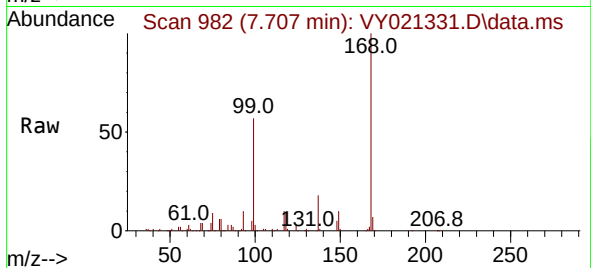
Tgt Ion: 75 Resp: 19414

Ion Ratio Lower Upper

75 100

110 9.9 16.9 50.7#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 4.605 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.110 min

Lab File: VY021331.D

Acq: 26 Feb 2025 15:04

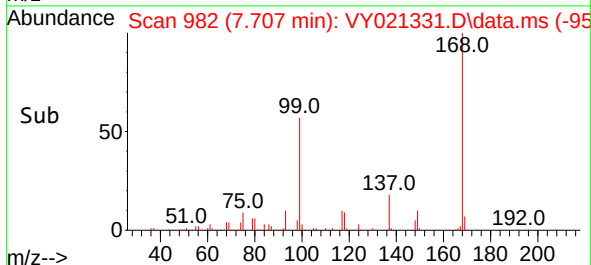
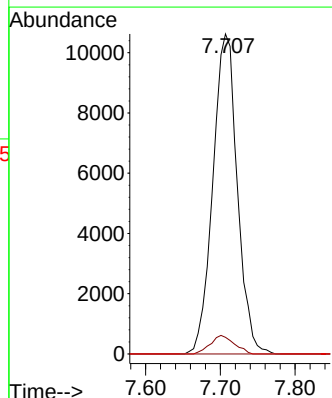
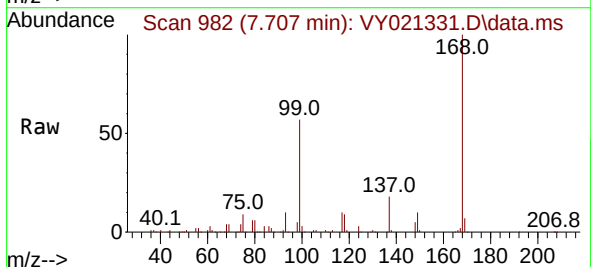
Tgt Ion: 117 Resp: 24138

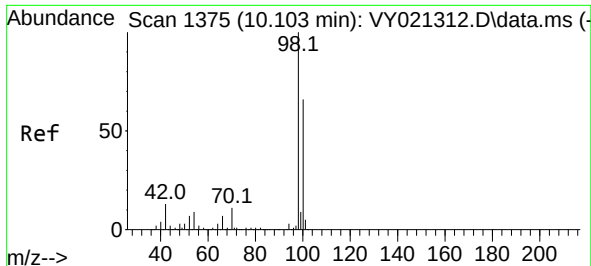
Ion Ratio Lower Upper

117 100

119 5.2 76.0 114.0#

121 0.0 24.9 37.3#

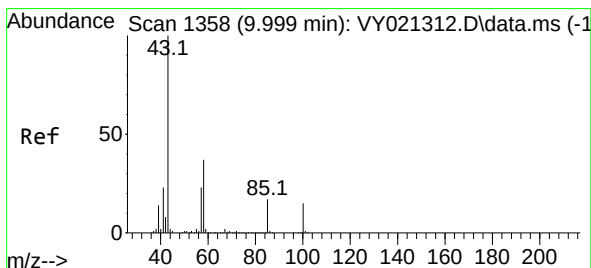
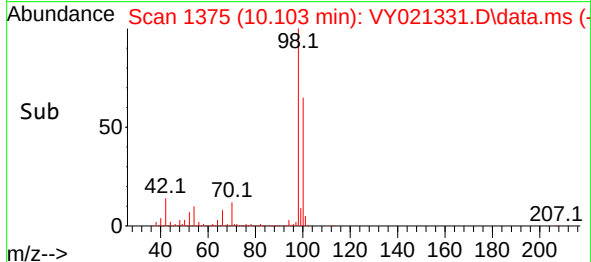
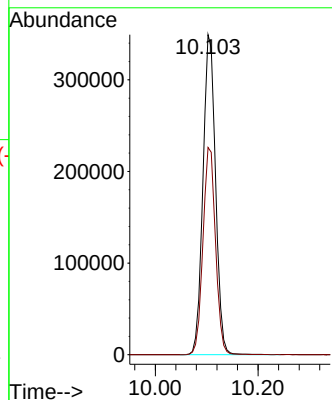
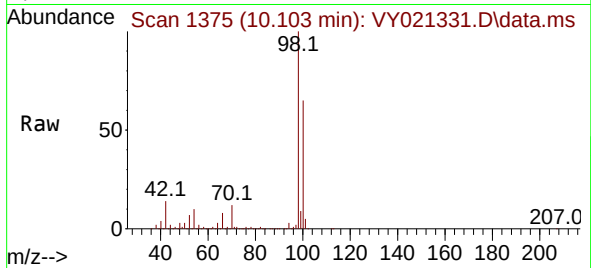




#50
Toluene-d8
Concen: 49.418 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY021331.D
Acq: 26 Feb 2025 15:04

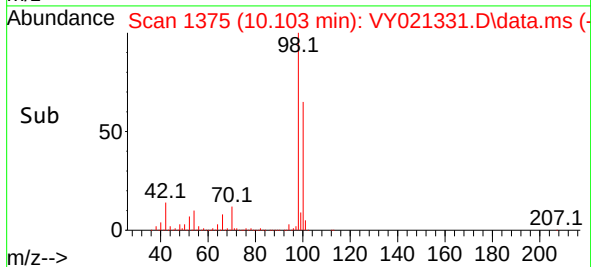
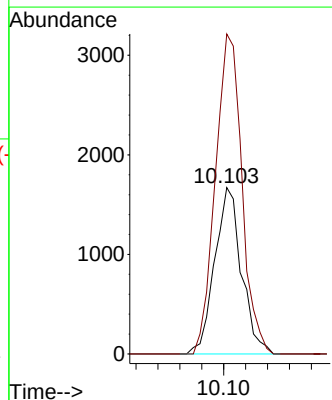
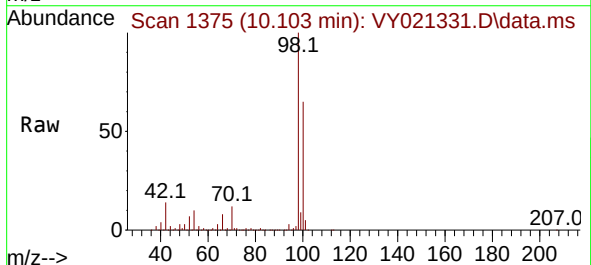
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-10-021725

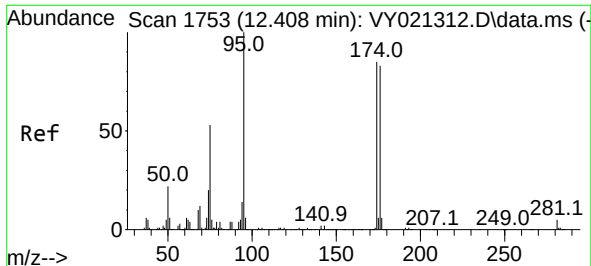
Tgt Ion: 98 Resp: 592844
Ion Ratio Lower Upper
98 100
100 64.6 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.235 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.103 min
Lab File: VY021331.D
Acq: 26 Feb 2025 15:04

Tgt Ion: 43 Resp: 2837
Ion Ratio Lower Upper
43 100
58 190.7 30.1 45.1#

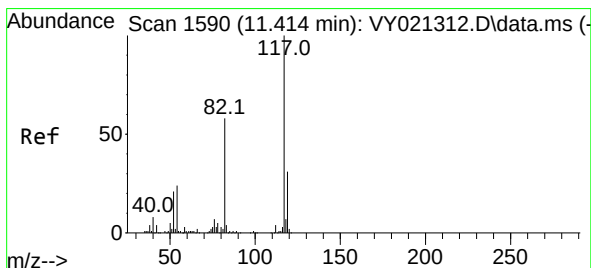
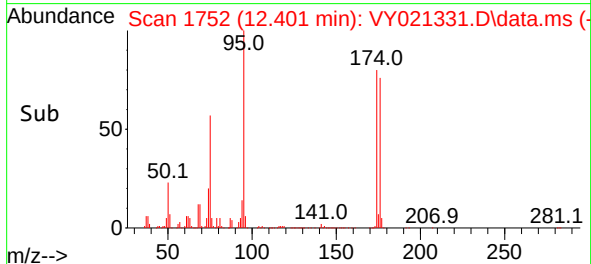
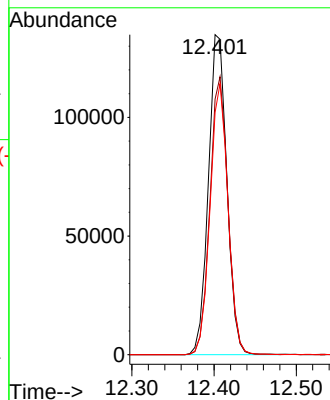
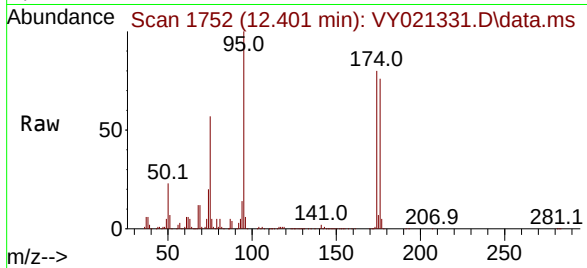




#62
4-Bromofluorobenzene
Concen: 52.085 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021331.D
Acq: 26 Feb 2025 15:04

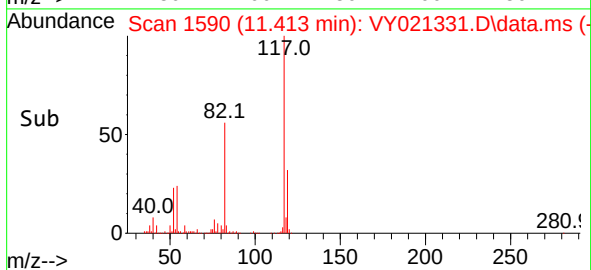
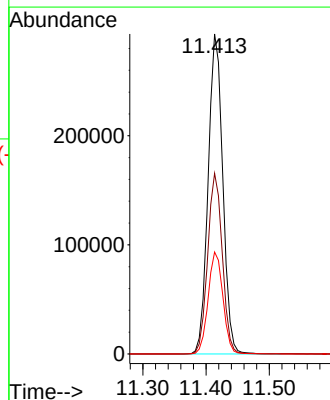
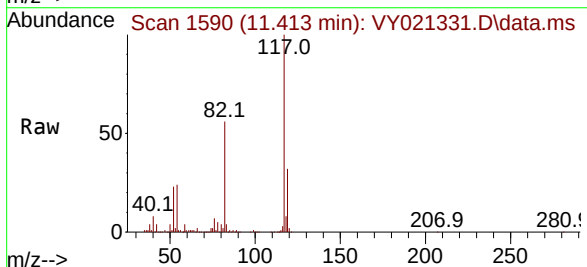
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-10-021725

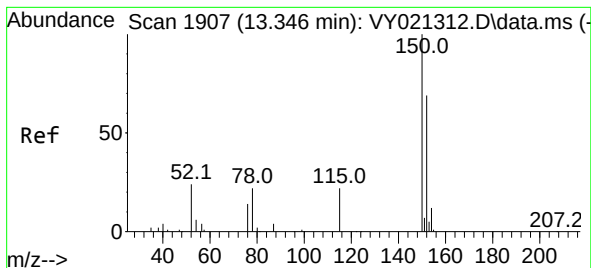
Tgt Ion: 95 Resp: 210287
Ion Ratio Lower Upper
95 100
174 85.0 0.0 168.0
176 82.2 0.0 162.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.413 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY021331.D
Acq: 26 Feb 2025 15:04

Tgt Ion: 117 Resp: 472235
Ion Ratio Lower Upper
117 100
82 56.5 46.2 69.4
119 31.8 24.9 37.3

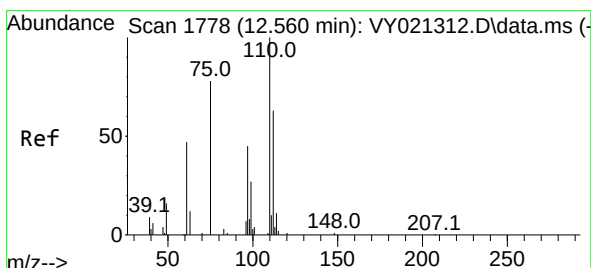
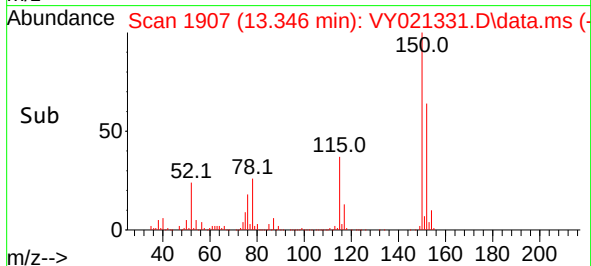
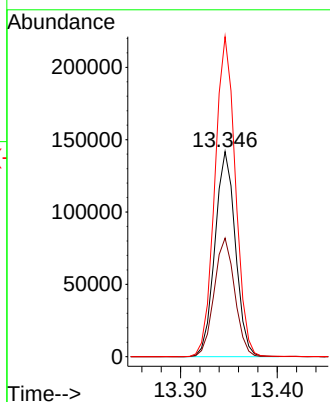
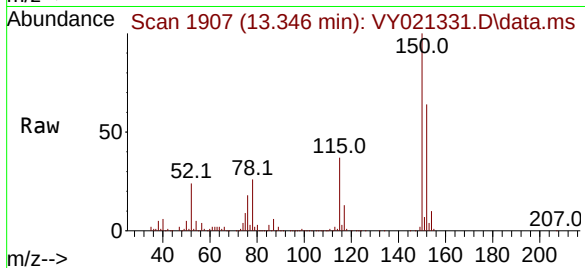




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY021331.D
 Acq: 26 Feb 2025 15:04

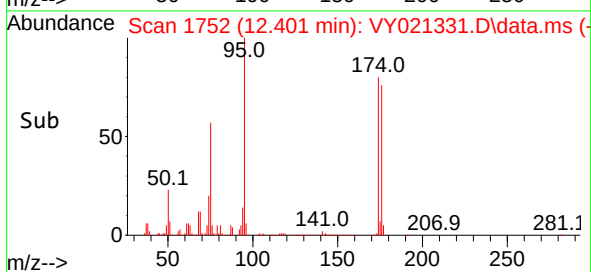
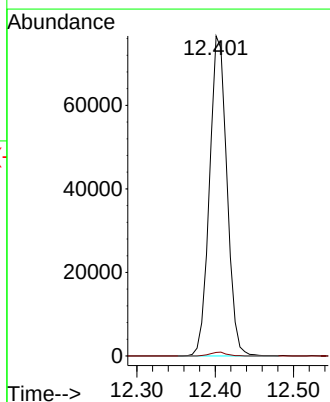
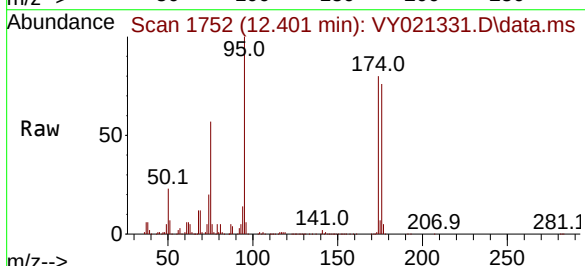
Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-10-021725

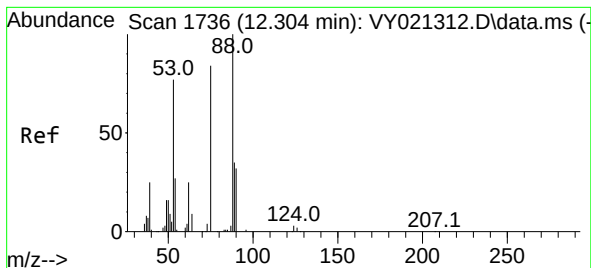
Tgt Ion:152 Resp: 207899
 Ion Ratio Lower Upper
 152 100
 115 58.3 29.3 88.0
 150 157.0 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 56.789 ug/l
 RT: 12.401 min Scan# 1752
 Delta R.T. -0.159 min
 Lab File: VY021331.D
 Acq: 26 Feb 2025 15:04

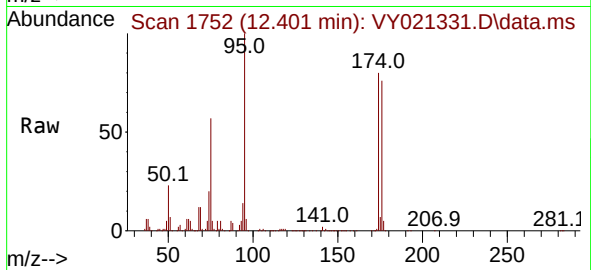
Tgt Ion: 75 Resp: 118175
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.221 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY021331.D
 Acq: 26 Feb 2025 15:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-10-021725



Tgt Ion: 75 Resp: 118175
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.1 118.7#
 89 0.0 35.6 53.4#

