

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
 Data File : VY021290.D
 Acq On : 21 Feb 2025 16:57
 Operator : SY/MD
 Sample : Q1382-07
 Misc : 5.57g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-04-021725

Quant Time: Feb 21 23:09:43 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)

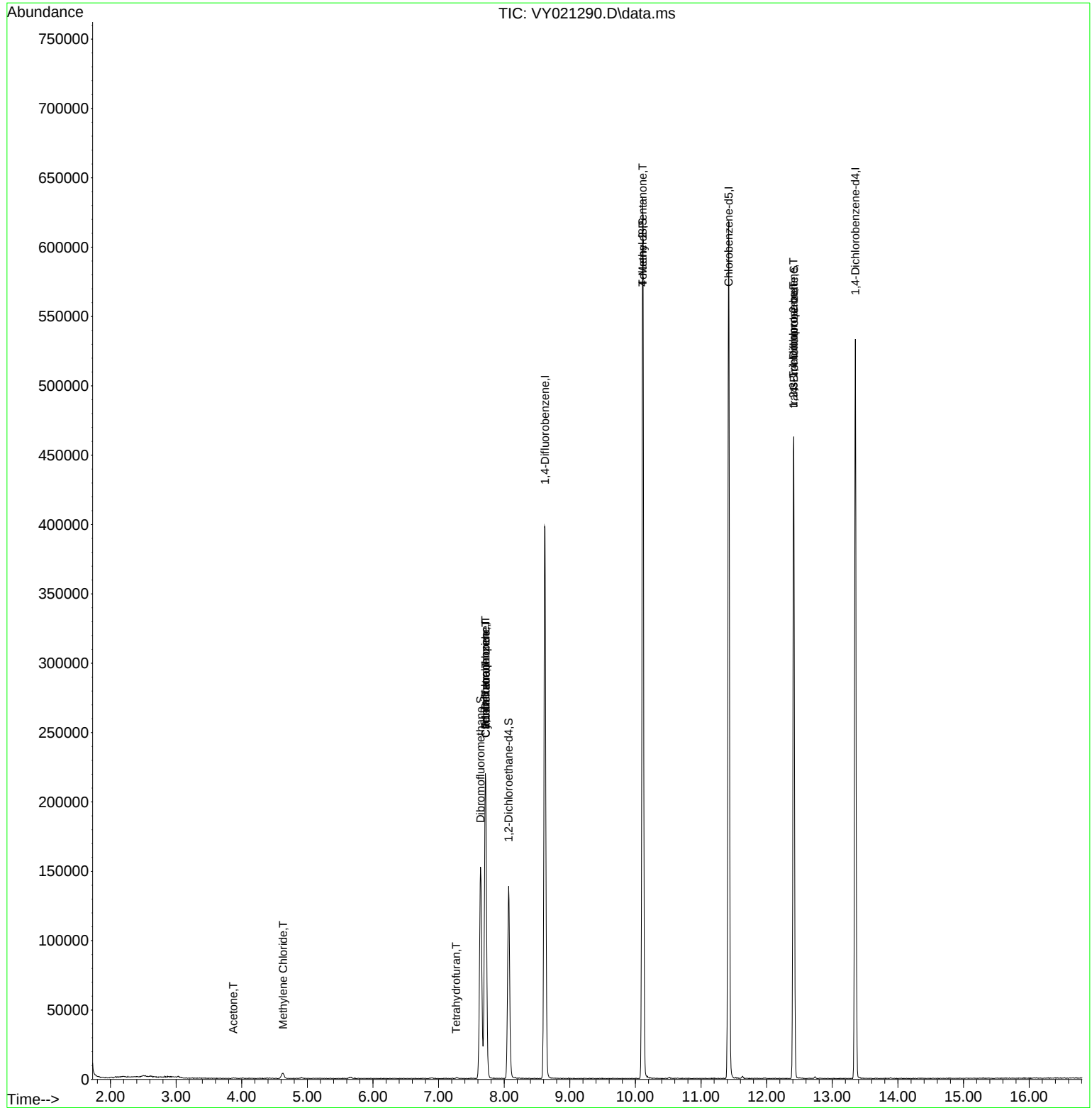
Internal Standards						
1) Pentafluorobenzene	7.713	168	165765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	323525	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	308440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	125474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	107946	63.558	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.120%	
35) Dibromofluoromethane	7.640	113	105932	51.092	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.180%	
50) Toluene-d8	10.109	98	405133	51.325	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.660%	
62) 4-Bromofluorobenzene	12.414	95	130482	50.599	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.200%	
Target Compounds						
					Qvalue	
16) Acetone	3.873	43	405	1.529	ug/l #	41
20) Methylene Chloride	4.628	84	2792	1.696	ug/l #	88
29) Tetrahydrofuran	7.268	42	412	1.399	ug/l #	64
31) Cyclohexane	7.719	56	3903	1.347	ug/l #	46
36) 1,1-Dichloropropene	7.713	75	14071	4.582	ug/l #	50
38) Carbon Tetrachloride	7.719	117	17024	4.744	ug/l #	17
51) 4-Methyl-2-Pentanone	10.109	43	2057	1.528	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	74253	65.237	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	74253	133.115	ug/l #	12

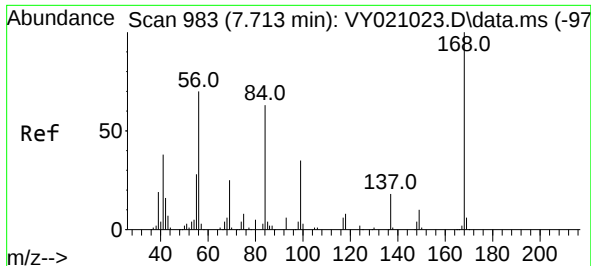
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
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ALS Vial : 19 Sample Multiplier: 1

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OU4-PCS-TC-04-021725

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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

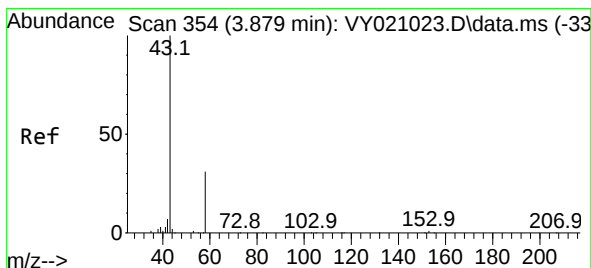
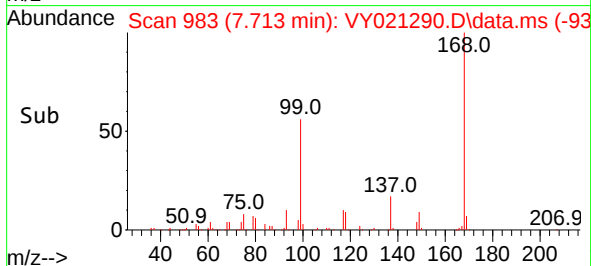
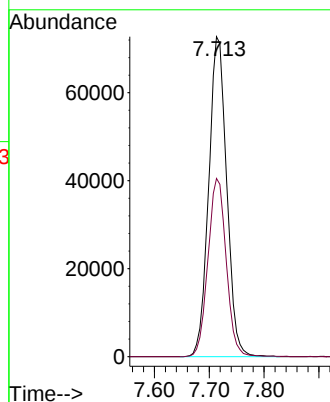
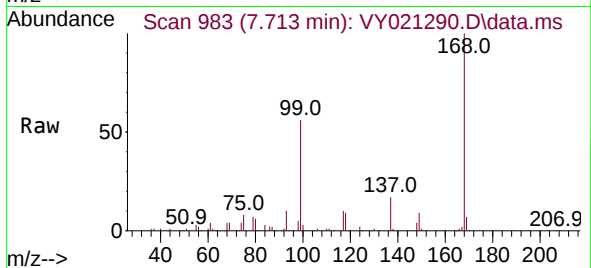




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY021290.D
Acq: 21 Feb 2025 16:57

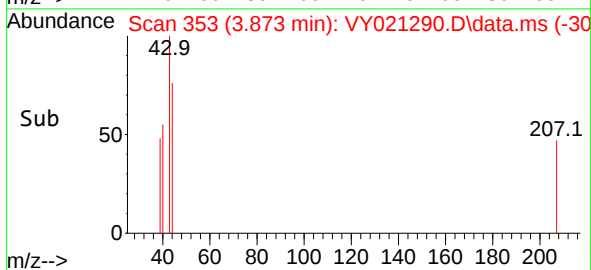
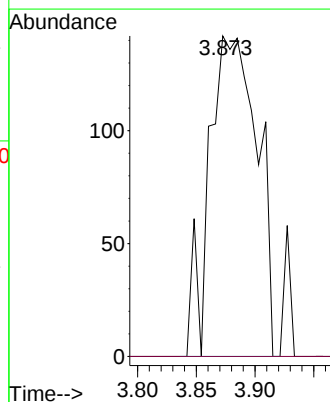
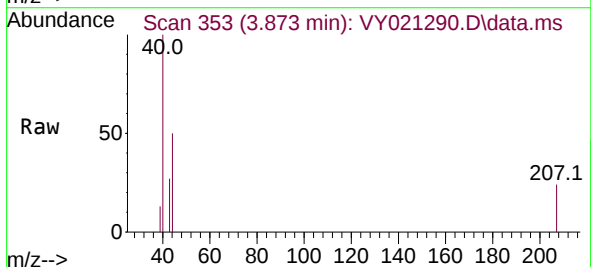
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-04-021725

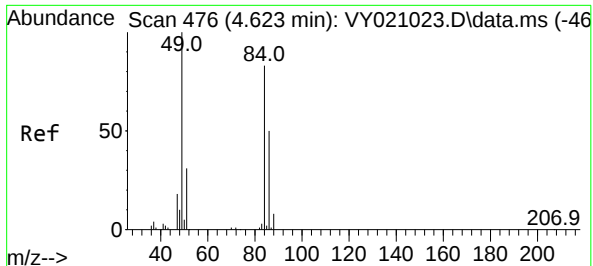
Tgt Ion:168 Resp: 165765
Ion Ratio Lower Upper
168 100
99 55.7 44.2 66.4



#16
Acetone
Concen: 1.529 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY021290.D
Acq: 21 Feb 2025 16:57

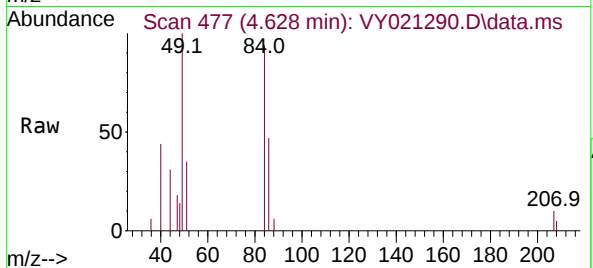
Tgt Ion: 43 Resp: 405
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#



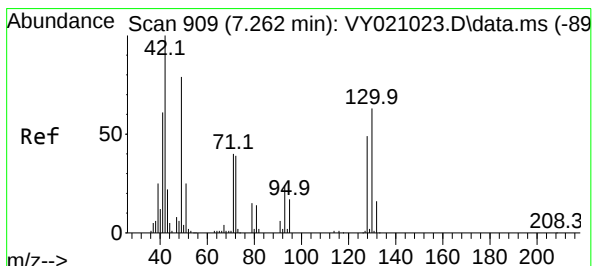
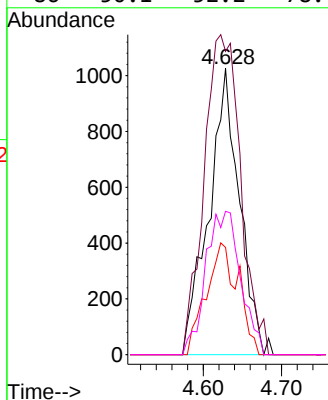
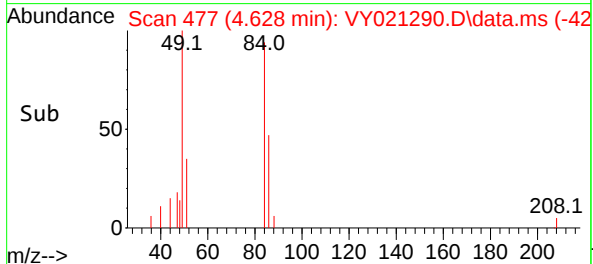


#20
Methylene Chloride
Concen: 1.696 ug/l
RT: 4.628 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY021290.D
Acq: 21 Feb 2025 16:57

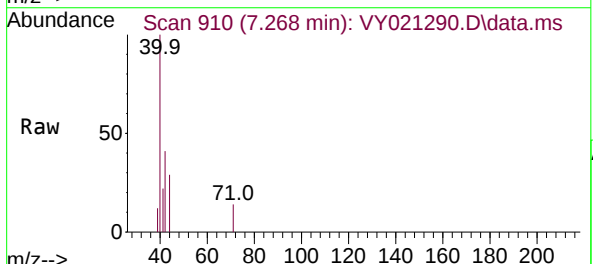
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-04-021725



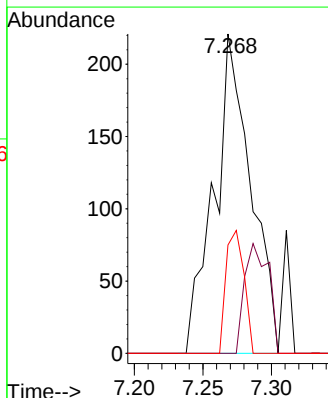
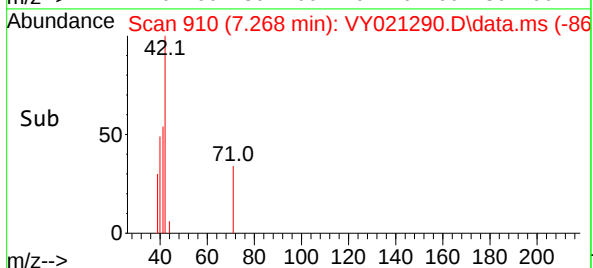
Tgt Ion:	84	Resp:	2792
Ion	Ratio	Lower	Upper
84	100		
49	105.9	95.2	142.8
51	37.4	29.9	44.9
86	50.1	52.2	78.4#

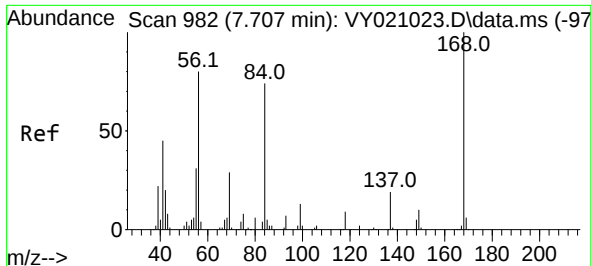


#29
Tetrahydrofuran
Concen: 1.399 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY021290.D
Acq: 21 Feb 2025 16:57



Tgt Ion:	42	Resp:	412
Ion	Ratio	Lower	Upper
42	100		
72	22.3	36.6	54.8#
71	18.9	33.8	50.6#

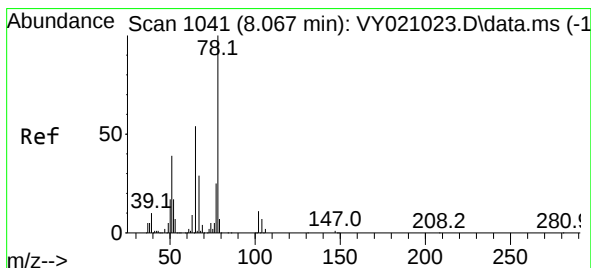
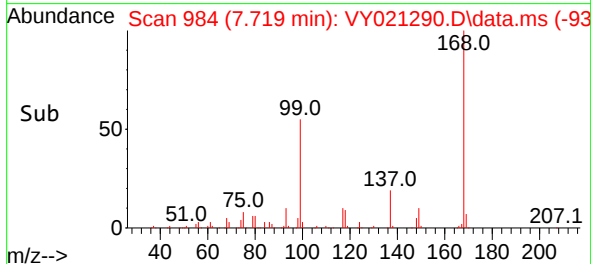
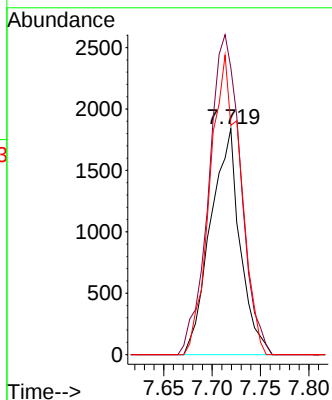
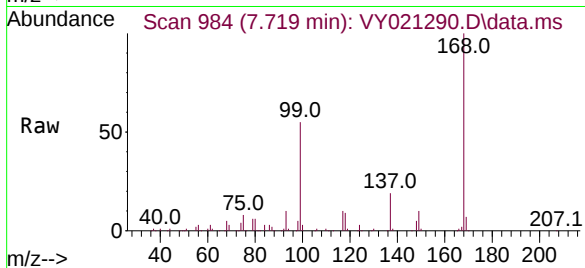




#31
Cyclohexane
Concen: 1.347 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.012 min
Lab File: VY021290.D
Acq: 21 Feb 2025 16:57

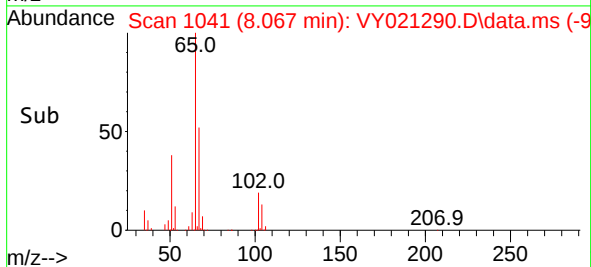
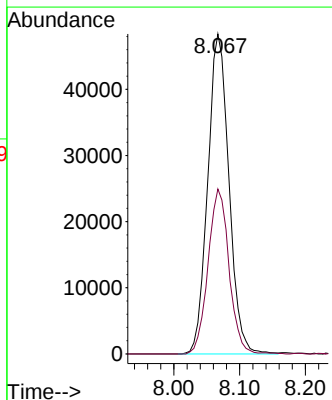
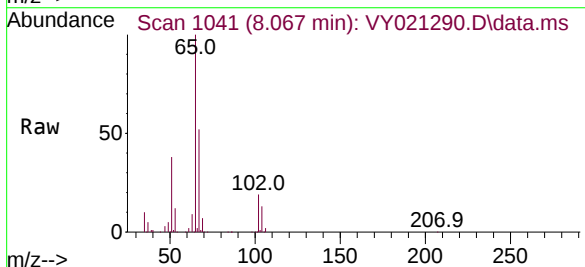
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-04-021725

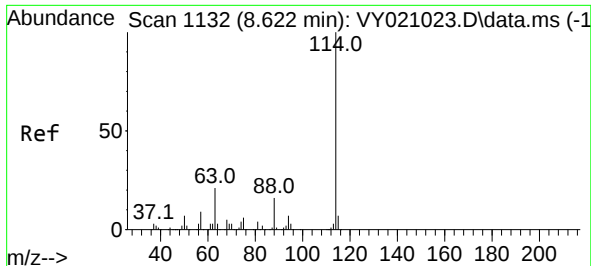
Tgt Ion: 56 Resp: 3903
Ion Ratio Lower Upper
56 100
69 127.0 27.0 40.6#
84 101.5 71.8 107.6



#33
1,2-Dichloroethane-d4
Concen: 63.558 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021290.D
Acq: 21 Feb 2025 16:57

Tgt Ion: 65 Resp: 107946
Ion Ratio Lower Upper
65 100
67 50.9 0.0 109.0

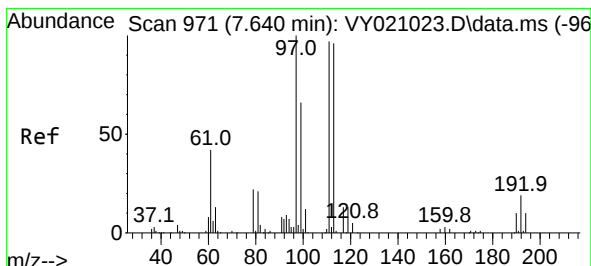
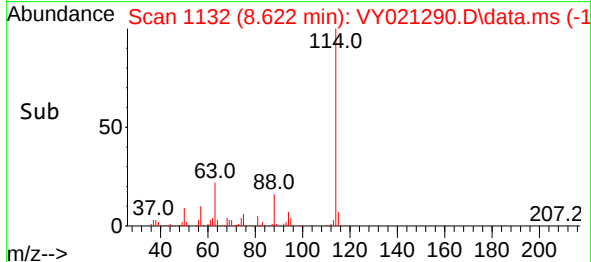
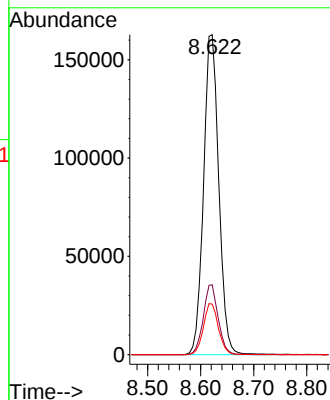
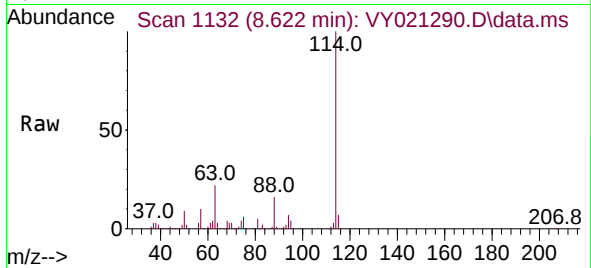




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021290.D
Acq: 21 Feb 2025 16:57

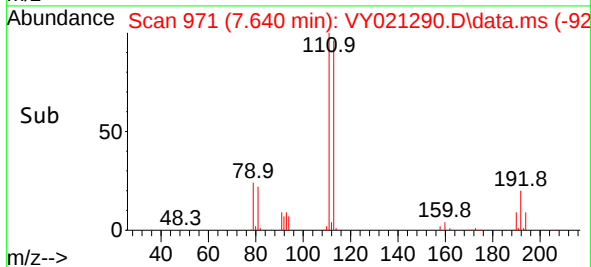
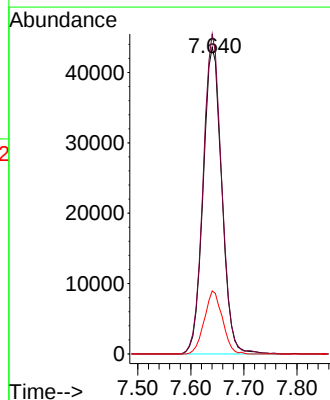
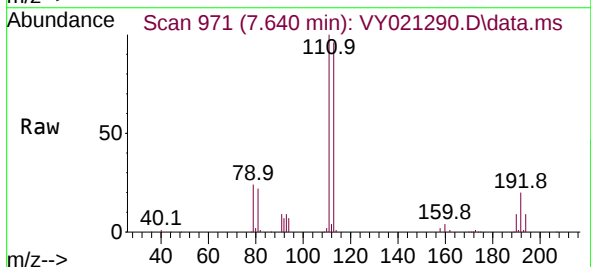
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-04-021725

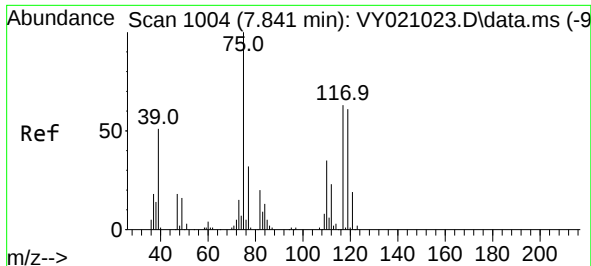
Tgt Ion:	114	Resp:	323525
Ion Ratio	Lower	Upper	
114	100		
63	21.8	0.0	37.4
88	15.8	0.0	29.0



#35
Dibromofluoromethane
Concen: 51.092 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY021290.D
Acq: 21 Feb 2025 16:57

Tgt Ion:	113	Resp:	105932
Ion Ratio	Lower	Upper	
113	100		
111	103.9	83.8	125.6
192	19.9	14.5	21.7





#36

1,1-Dichloropropene

Concen: 4.582 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.128 min

Lab File: VY021290.D

Acq: 21 Feb 2025 16:57

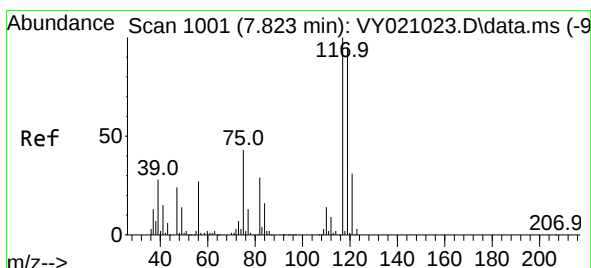
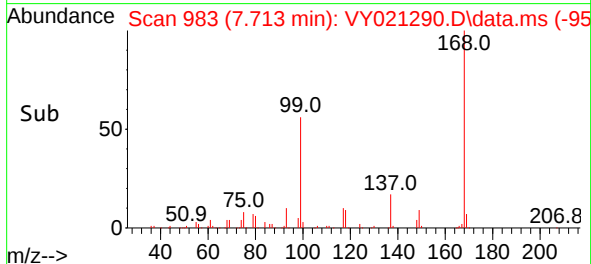
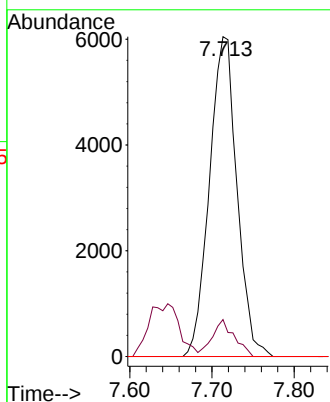
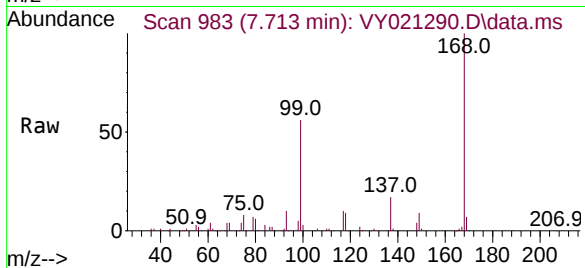
Instrument :

MSVOA_Y

ClientSampleId :

OU4-PCS-TC-04-021725

Tgt Ion:	75	Resp:	14071
Ion	Ratio	Lower	Upper
75	100		
110	9.3	17.4	52.3#
77	0.0	24.7	37.1#



#38

Carbon Tetrachloride

Concen: 4.744 ug/l

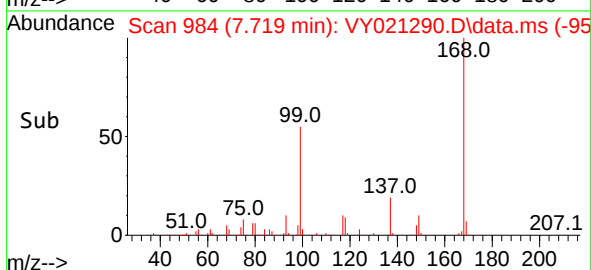
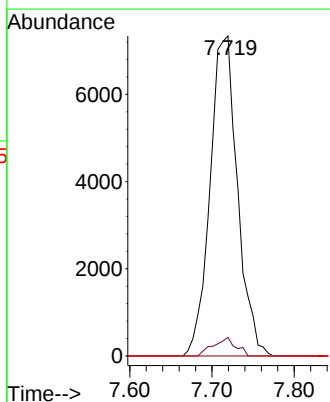
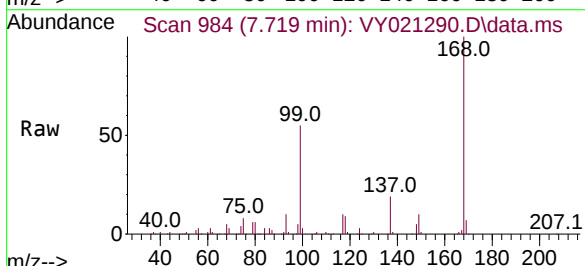
RT: 7.719 min Scan# 984

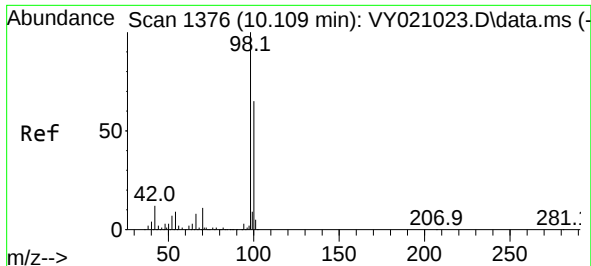
Delta R.T. -0.104 min

Lab File: VY021290.D

Acq: 21 Feb 2025 16:57

Tgt Ion:	117	Resp:	17024
Ion	Ratio	Lower	Upper
117	100		
119	5.8	76.0	114.0#
121	0.0	24.2	36.2#

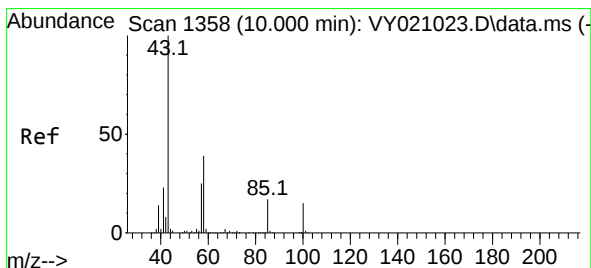
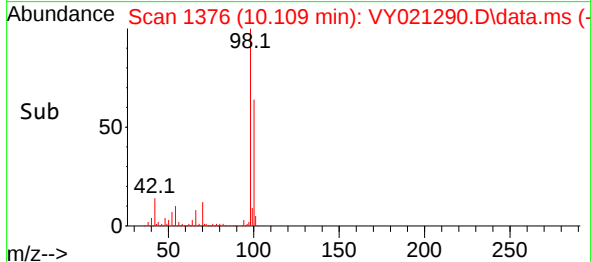
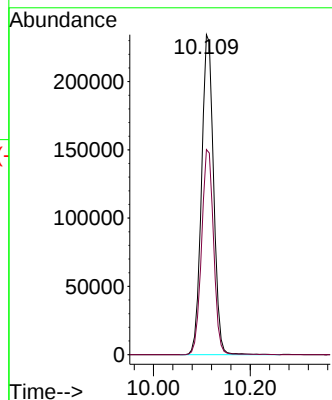
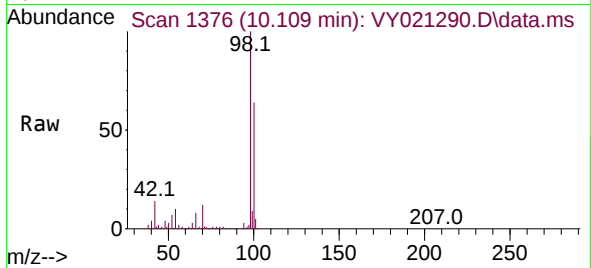




#50
Toluene-d8
Concen: 51.325 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021290.D
Acq: 21 Feb 2025 16:57

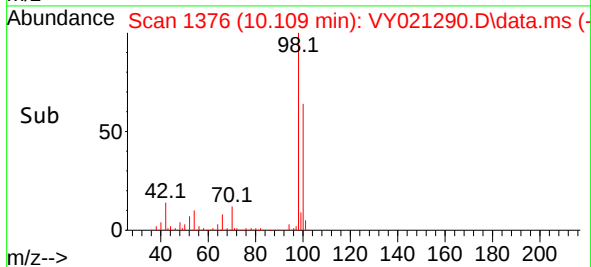
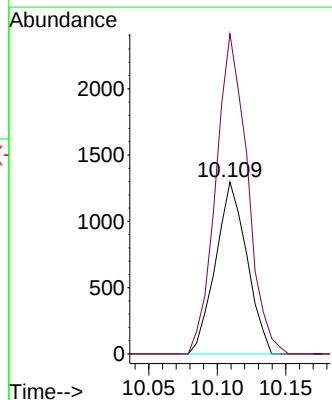
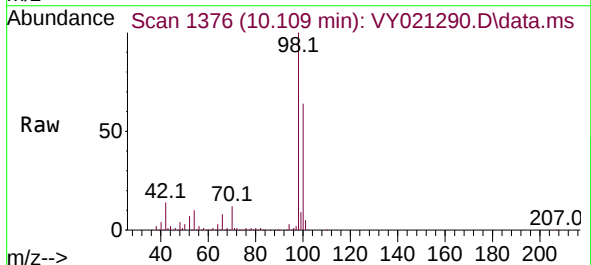
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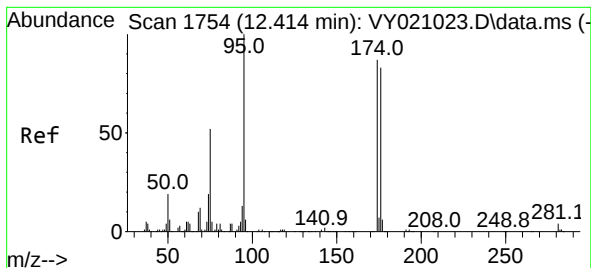
Tgt Ion: 98 Resp: 405133
Ion Ratio Lower Upper
98 100
100 64.1 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 1.528 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.110 min
Lab File: VY021290.D
Acq: 21 Feb 2025 16:57

Tgt Ion: 43 Resp: 2057
Ion Ratio Lower Upper
43 100
58 188.1 32.2 48.2#

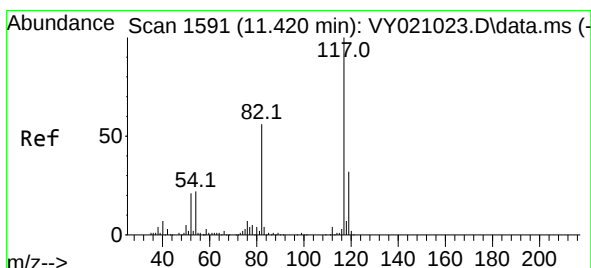
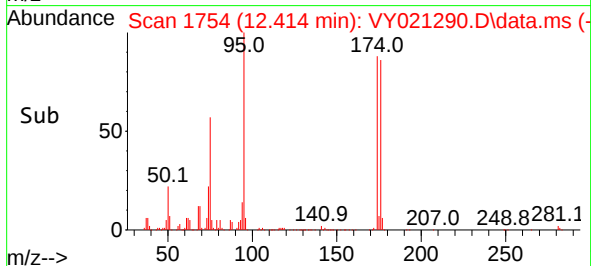
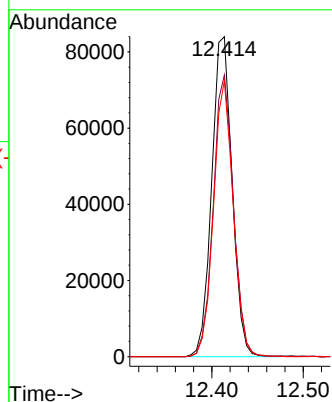
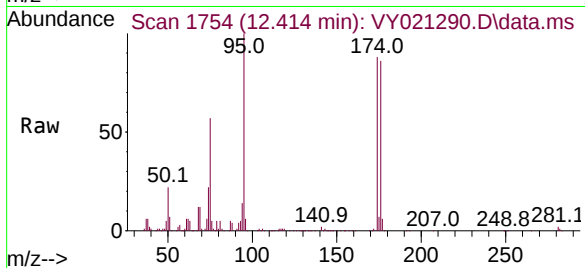




#62
4-Bromofluorobenzene
Concen: 50.599 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021290.D
Acq: 21 Feb 2025 16:57

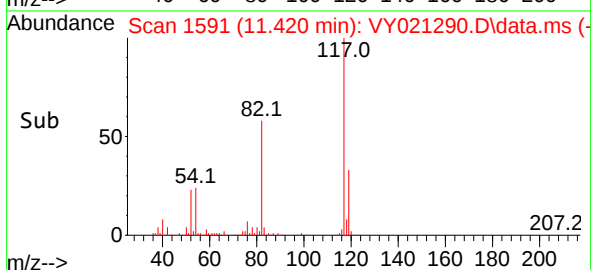
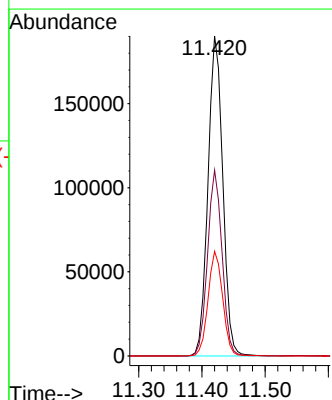
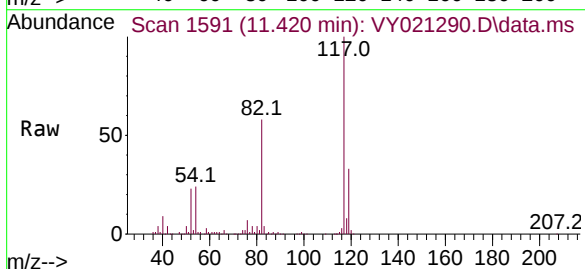
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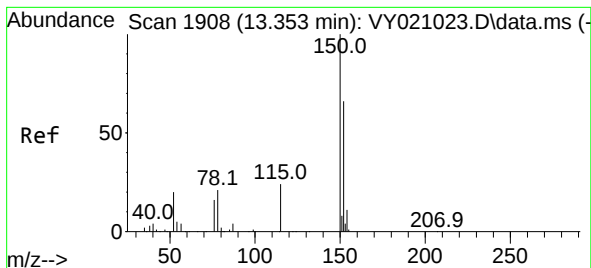
Tgt Ion: 95 Resp: 130482
Ion Ratio Lower Upper
95 100
174 86.8 0.0 160.0
176 83.2 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021290.D
Acq: 21 Feb 2025 16:57

Tgt Ion: 117 Resp: 308440
Ion Ratio Lower Upper
117 100
82 58.1 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: VY021290.D

Acq: 21 Feb 2025 16:57

Instrument :

MSVOA_Y

ClientSampleId :

OU4-PCS-TC-04-021725

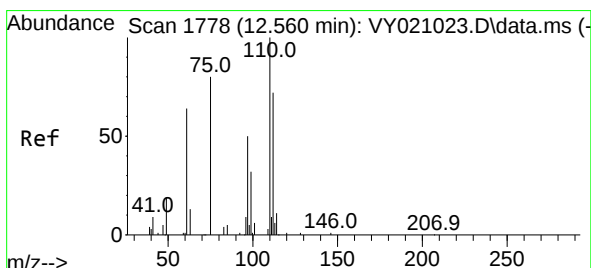
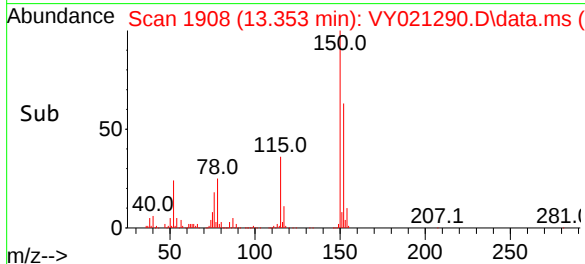
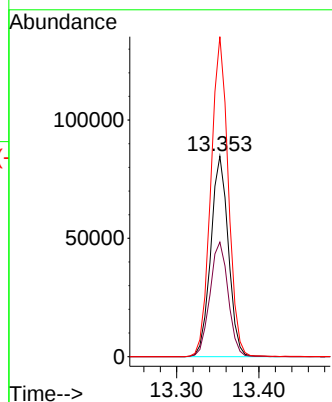
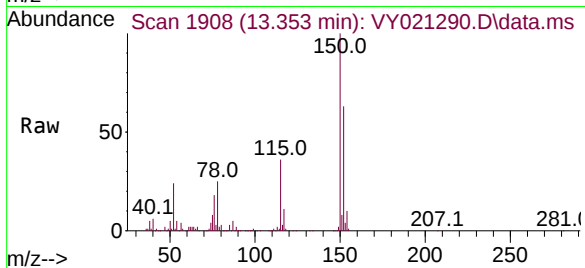
Tgt Ion:152 Resp: 125474

Ion Ratio Lower Upper

152 100

115 59.3 30.0 90.0

150 158.5 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 65.237 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.153 min

Lab File: VY021290.D

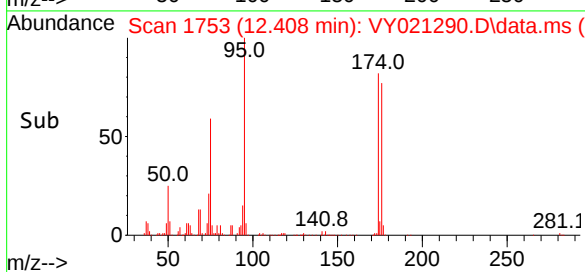
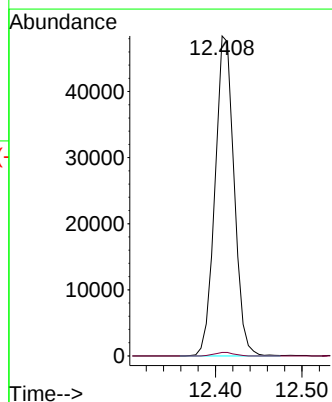
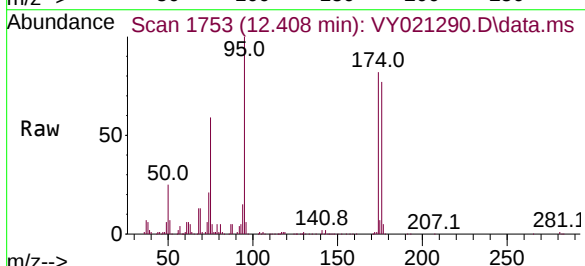
Acq: 21 Feb 2025 16:57

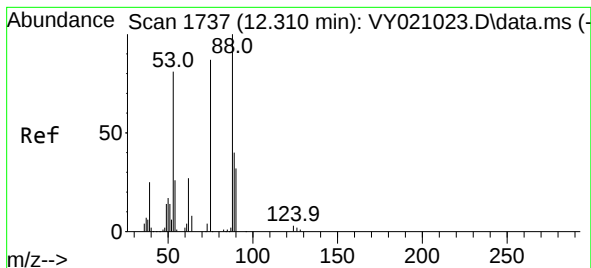
Tgt Ion: 75 Resp: 74253

Ion Ratio Lower Upper

75 100

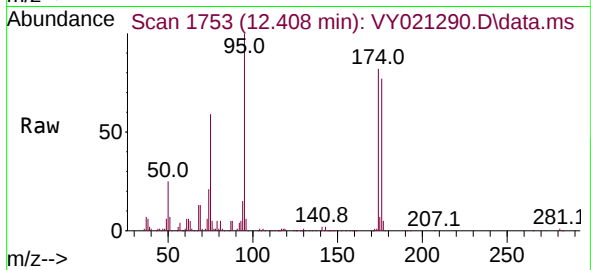
77 1.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 133.115 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY021290.D
Acq: 21 Feb 2025 16:57

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-04-021725



Tgt Ion: 75 Resp: 74253
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#

