

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
 Data File : VY021295.D
 Acq On : 21 Feb 2025 18:54
 Operator : SY/MD
 Sample : Q1382-17
 Misc : 5.77g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-09-021725

Quant Time: Feb 21 23:11:04 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)

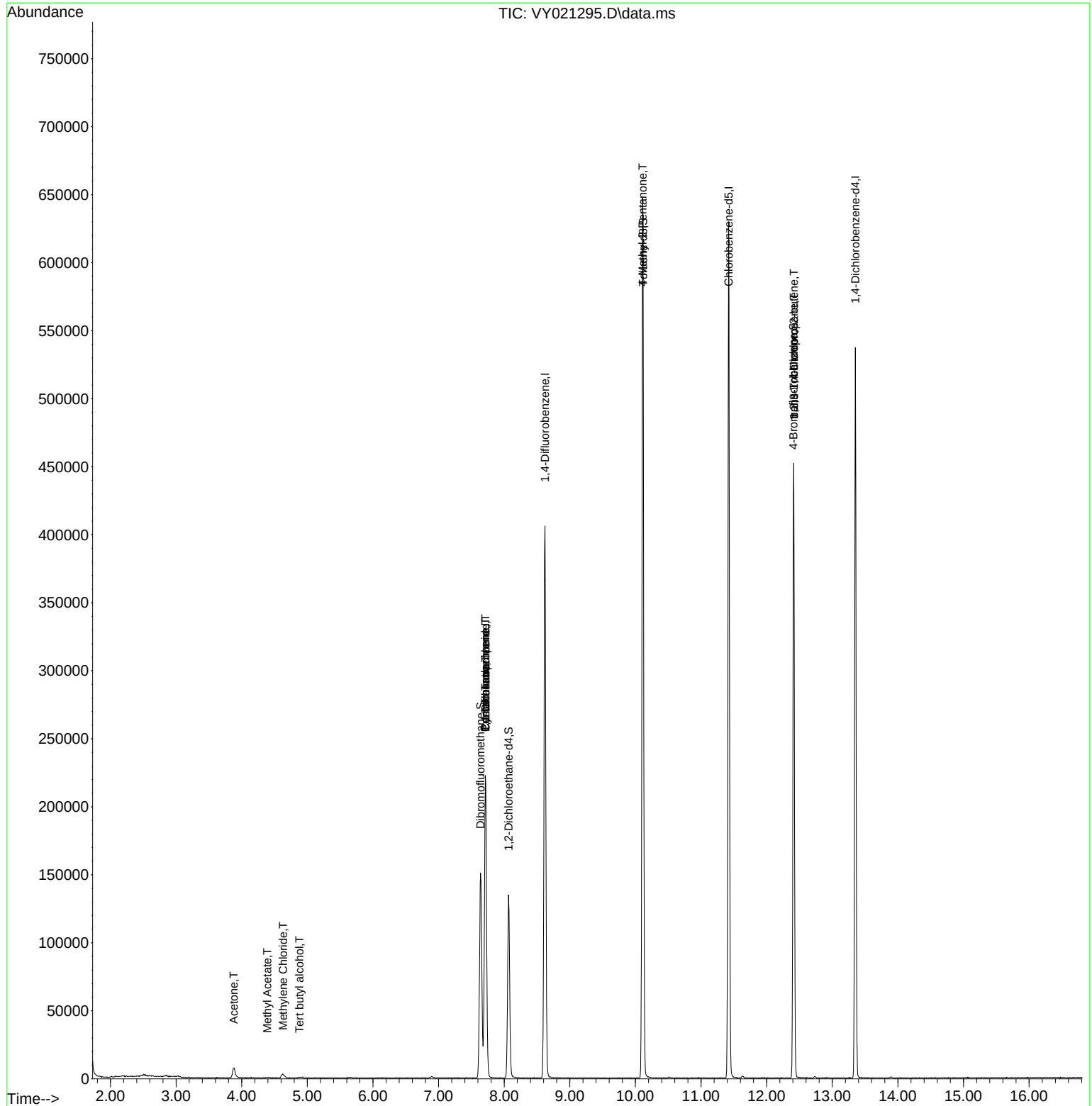
Internal Standards						
1) Pentafluorobenzene	7.713	168	166279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	325364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	310511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	124714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	104908	61.578	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.160%	
35) Dibromofluoromethane	7.640	113	106148	50.907	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.820%	
50) Toluene-d8	10.115	98	406614	51.222	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.440%	
62) 4-Bromofluorobenzene	12.408	95	129983	50.121	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.240%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.878	59	440	3.811	ug/l #	75
16) Acetone	3.879	43	13970	52.582	ug/l #	88
18) Methyl Acetate	4.391	43	1018	1.092	ug/l #	68
20) Methylene Chloride	4.628	84	1950	1.181	ug/l #	89
31) Cyclohexane	7.713	56	4178	1.438	ug/l #	32
36) 1,1-Dichloropropene	7.713	75	13614	4.408	ug/l #	50
38) Carbon Tetrachloride	7.713	117	17091	4.736	ug/l #	16
51) 4-Methyl-2-Pentanone	10.109	43	2106	1.556	ug/l #	1
76) 1,2,3-Trichloropropane	12.414	75	74106	65.505	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	74106	133.661	ug/l #	12

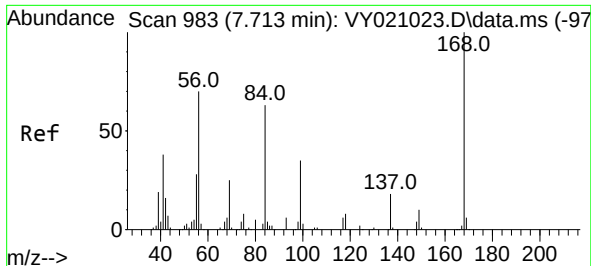
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
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OU4-PCS-TC-09-021725

Quant Time: Feb 21 23:11:04 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

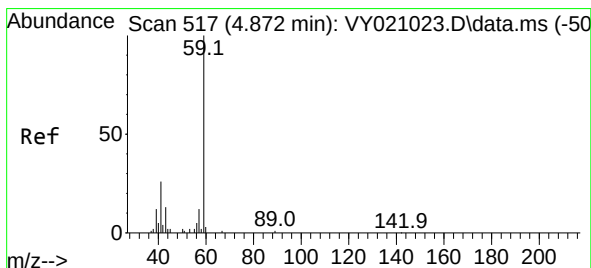
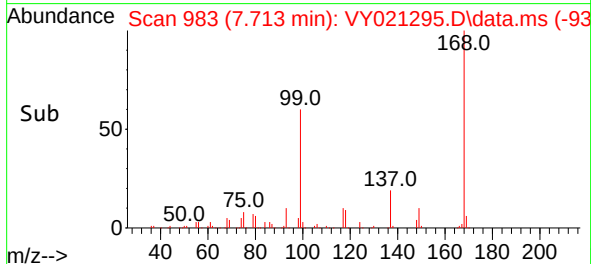
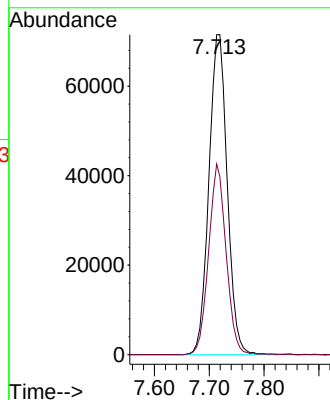
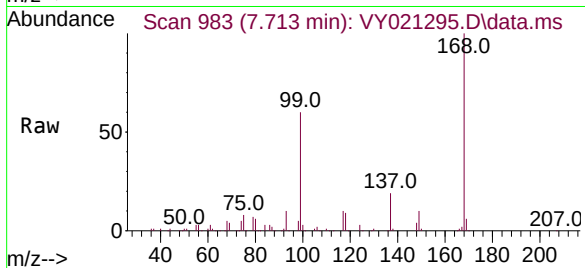




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY021295.D
Acq: 21 Feb 2025 18:54

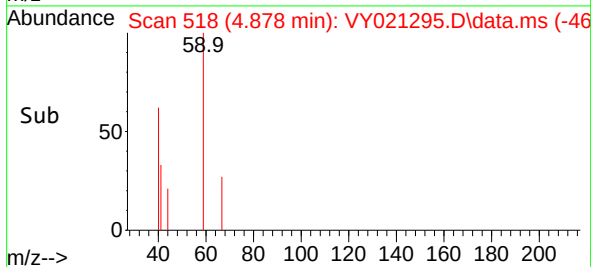
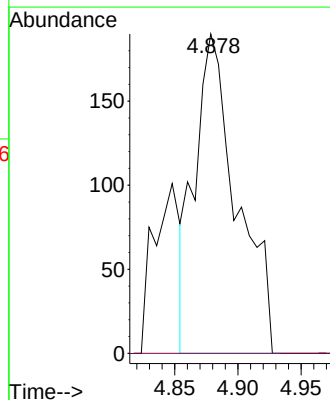
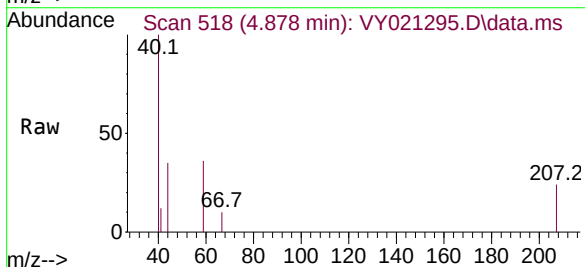
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-09-021725

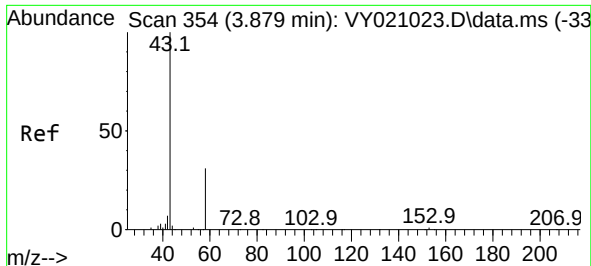
Tgt Ion:168 Resp: 166279
Ion Ratio Lower Upper
168 100
99 59.6 44.2 66.4



#11
Tert butyl alcohol
Concen: 3.811 ug/l
RT: 4.878 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY021295.D
Acq: 21 Feb 2025 18:54

Tgt Ion: 59 Resp: 440
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

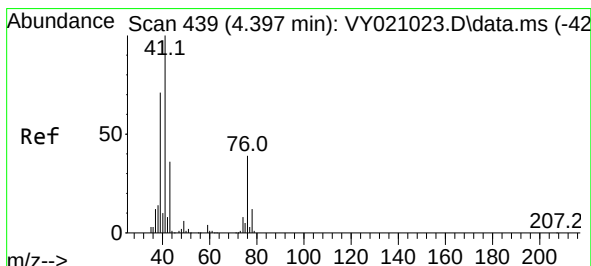
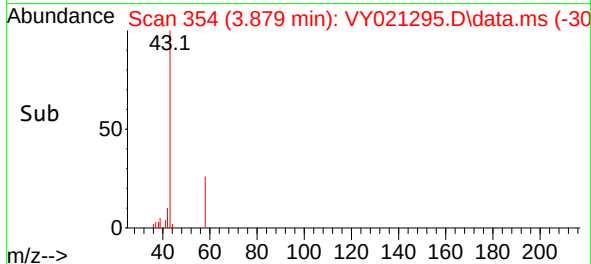
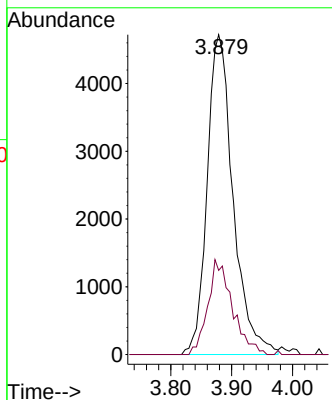
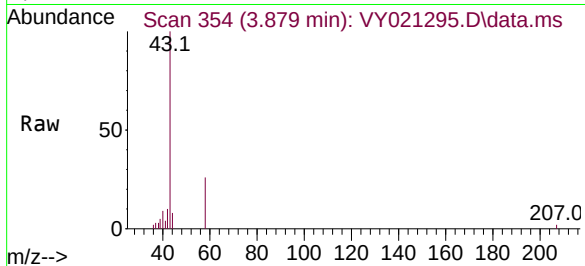




#16
Acetone
Concen: 52.582 ug/l
RT: 3.879 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY021295.D
Acq: 21 Feb 2025 18:54

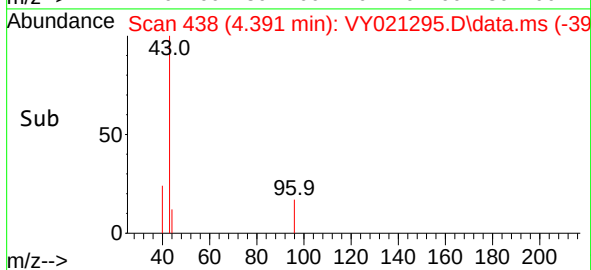
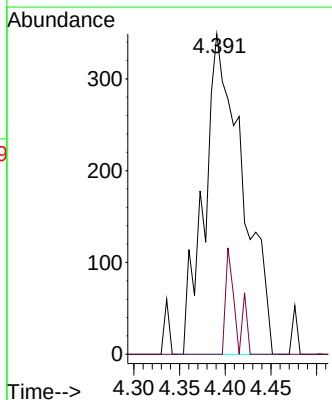
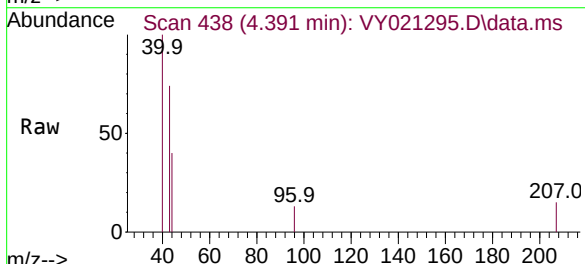
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-09-021725

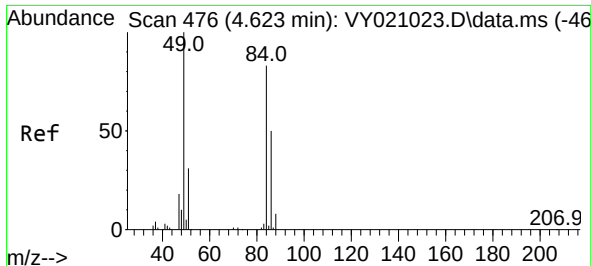
Tgt Ion: 43 Resp: 13970
Ion Ratio Lower Upper
43 100
58 26.3 26.6 39.8#



#18
Methyl Acetate
Concen: 1.092 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY021295.D
Acq: 21 Feb 2025 18:54

Tgt Ion: 43 Resp: 1018
Ion Ratio Lower Upper
43 100
74 8.8 19.8 29.6#





#20

Methylene Chloride

Concen: 1.181 ug/l

RT: 4.628 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY021295.D

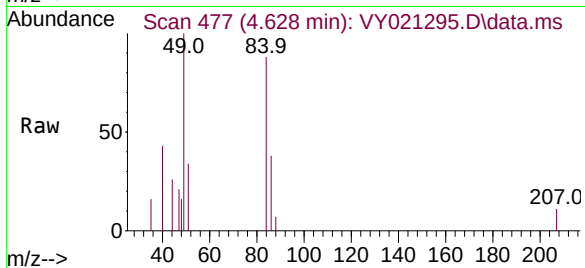
Acq: 21 Feb 2025 18:54

Instrument :

MSVOA_Y

ClientSampleId :

OU4-PCS-TC-09-021725



Tgt Ion: 84 Resp: 1950

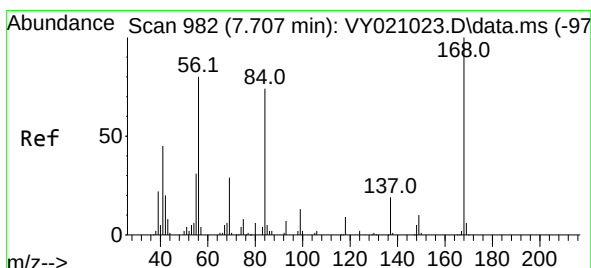
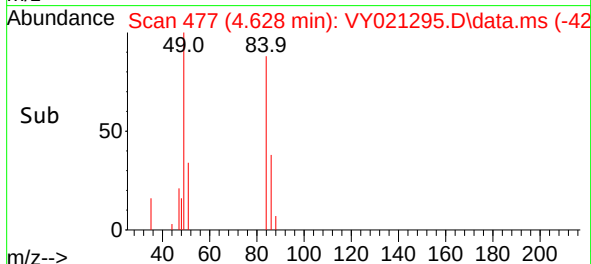
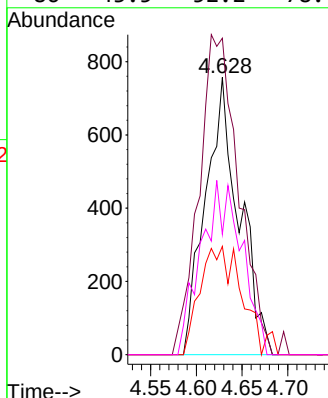
Ion Ratio Lower Upper

84 100

49 114.1 95.2 142.8

51 39.1 29.9 44.9

86 43.5 52.2 78.4#



#31

Cyclohexane

Concen: 1.438 ug/l

RT: 7.713 min Scan# 983

Delta R.T. 0.006 min

Lab File: VY021295.D

Acq: 21 Feb 2025 18:54

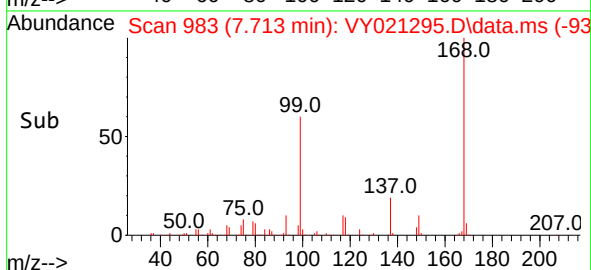
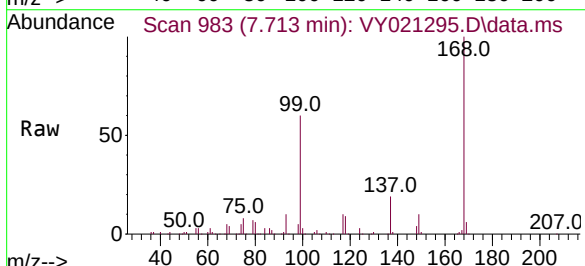
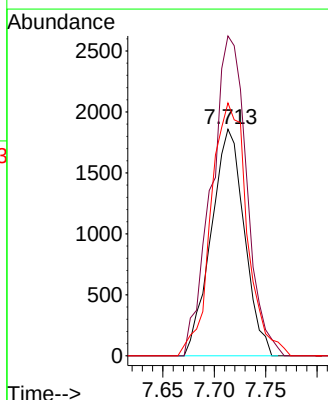
Tgt Ion: 56 Resp: 4178

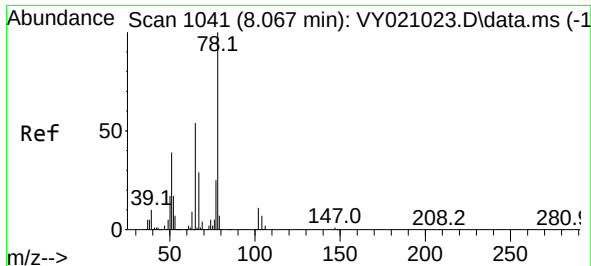
Ion Ratio Lower Upper

56 100

69 141.2 27.0 40.6#

84 111.6 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 61.578 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY021295.D

Acq: 21 Feb 2025 18:54

Instrument :

MSVOA_Y

ClientSampleId :

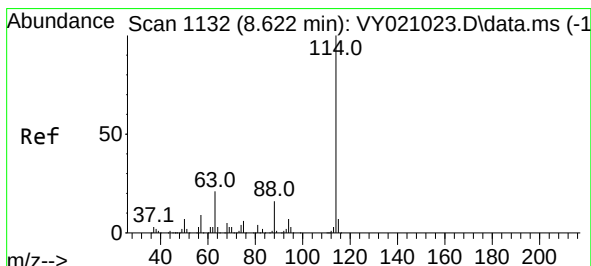
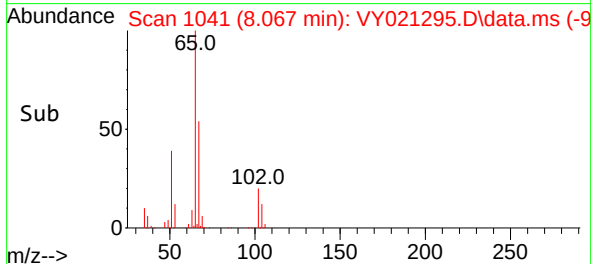
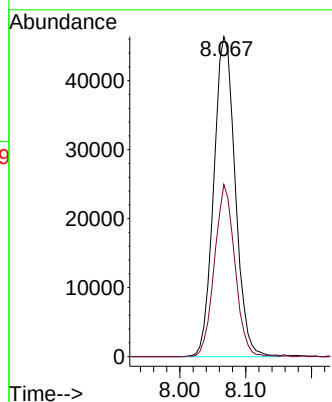
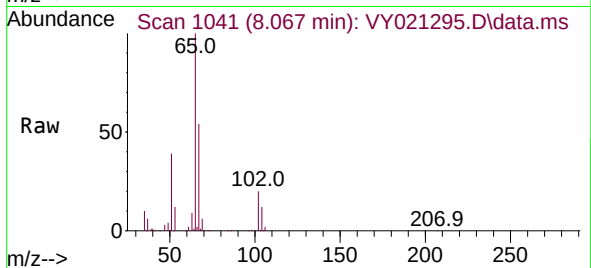
OU4-PCS-TC-09-021725

Tgt Ion: 65 Resp: 104908

Ion Ratio Lower Upper

65 100

67 51.2 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: VY021295.D

Acq: 21 Feb 2025 18:54

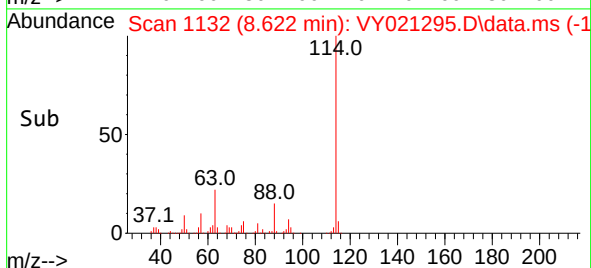
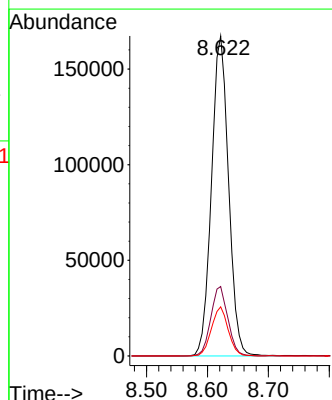
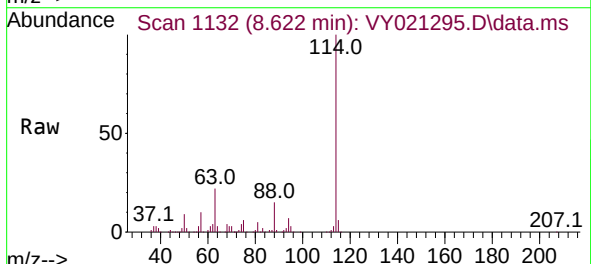
Tgt Ion: 114 Resp: 325364

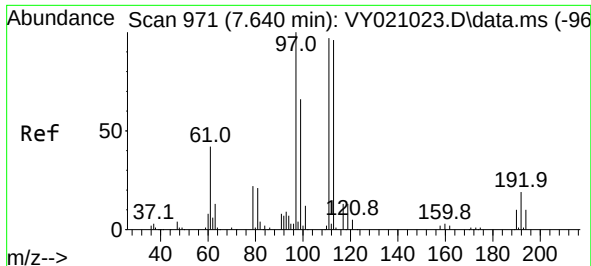
Ion Ratio Lower Upper

114 100

63 21.7 0.0 37.4

88 15.3 0.0 29.0

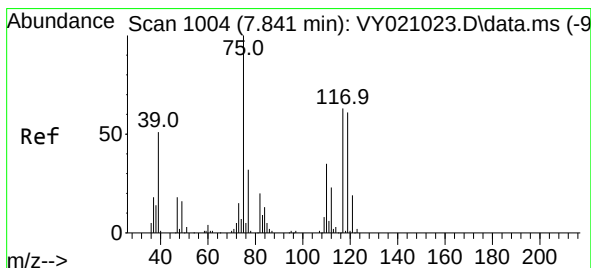
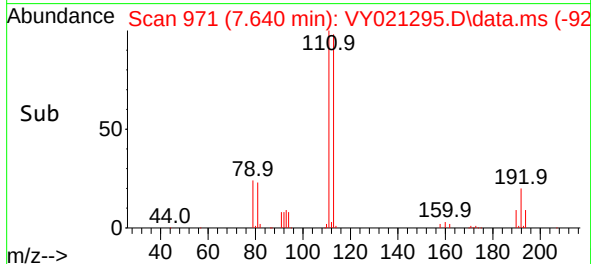
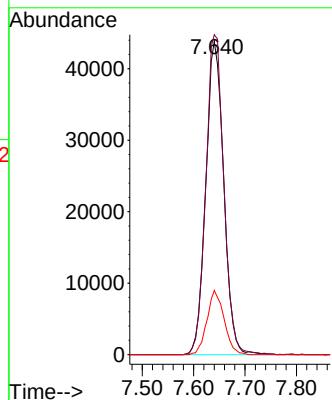
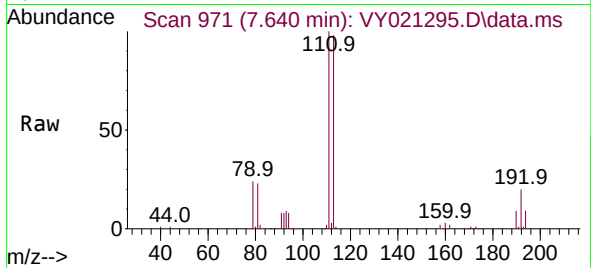




#35
Dibromofluoromethane
Concen: 50.907 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021295.D
Acq: 21 Feb 2025 18:54

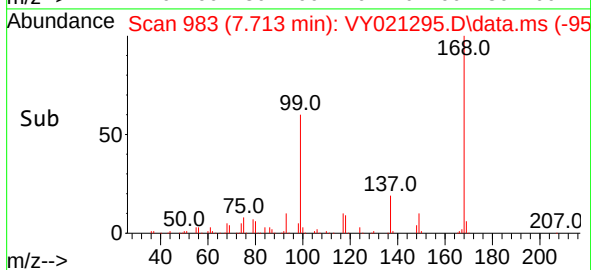
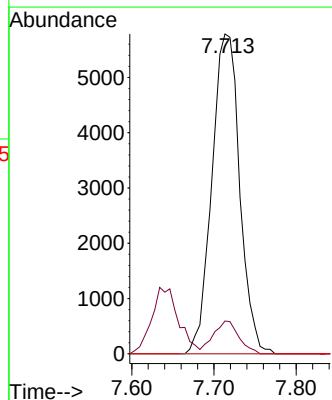
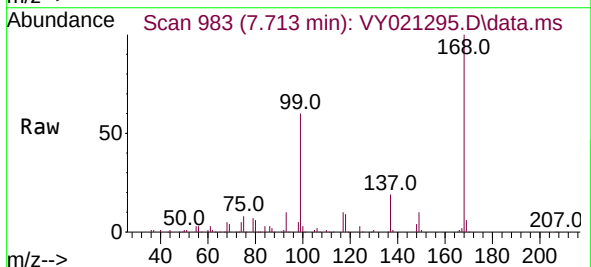
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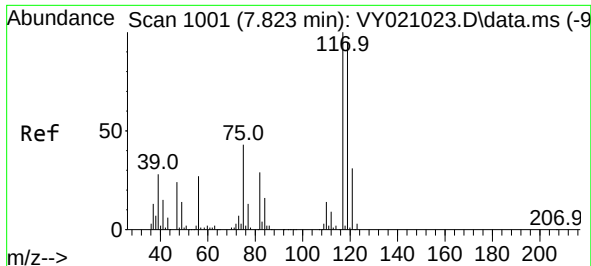
Tgt Ion:113 Resp: 106148
Ion Ratio Lower Upper
113 100
111 102.7 83.8 125.6
192 19.6 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.408 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY021295.D
Acq: 21 Feb 2025 18:54

Tgt Ion: 75 Resp: 13614
Ion Ratio Lower Upper
75 100
110 9.4 17.4 52.3#
77 0.0 24.7 37.1#

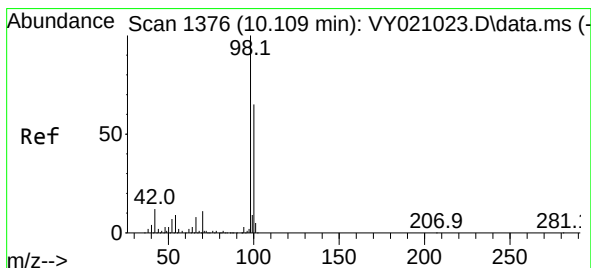
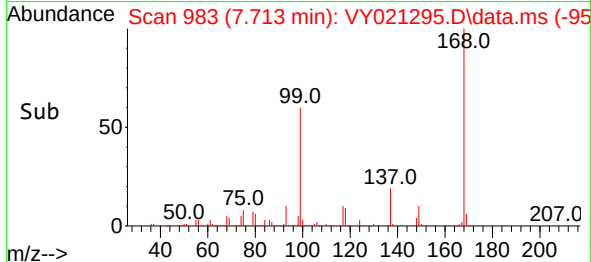
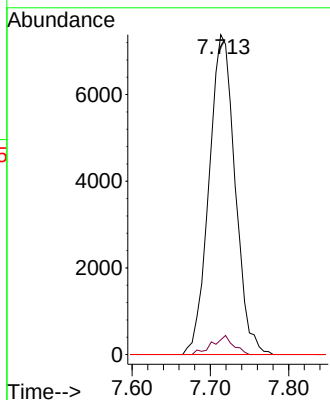
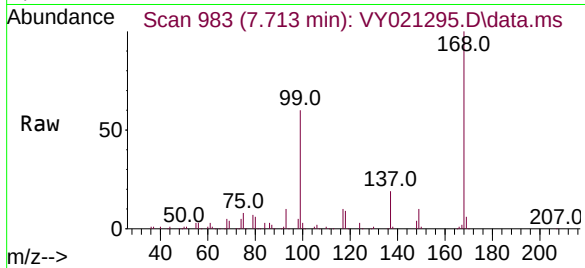




#38
Carbon Tetrachloride
Concen: 4.736 ug/l
RT: 7.713 min Scan# 98
Delta R.T. -0.110 min
Lab File: VY021295.D
Acq: 21 Feb 2025 18:54

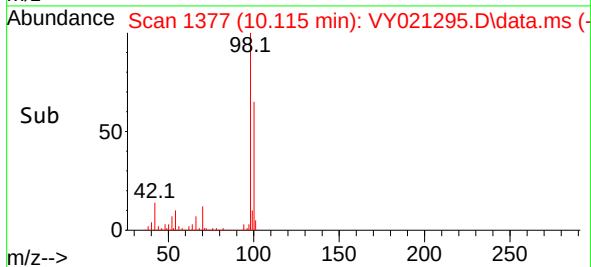
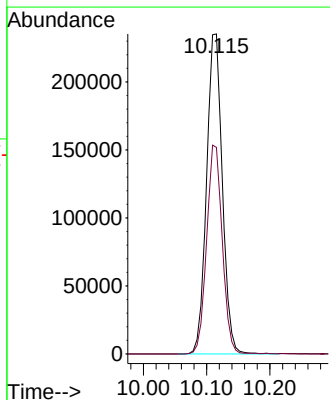
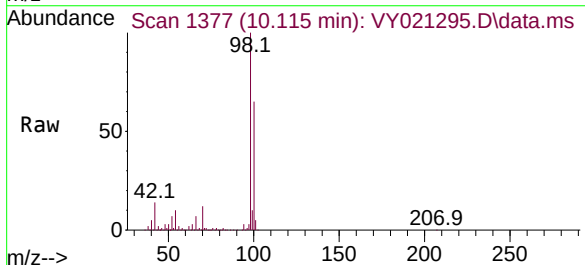
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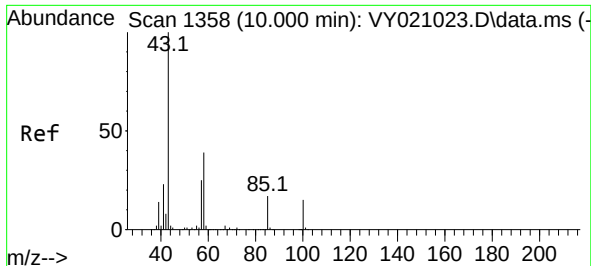
Tgt Ion:117 Resp: 17091
Ion Ratio Lower Upper
117 100
119 4.6 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 51.222 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021295.D
Acq: 21 Feb 2025 18:54

Tgt Ion: 98 Resp: 406614
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5

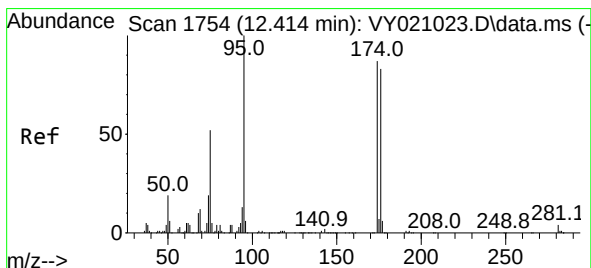
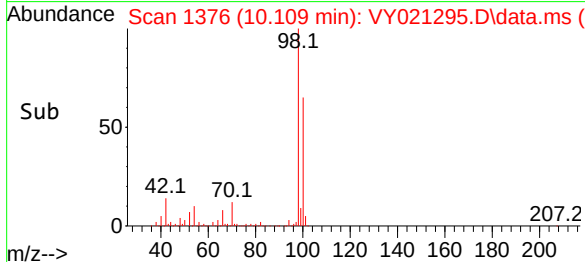
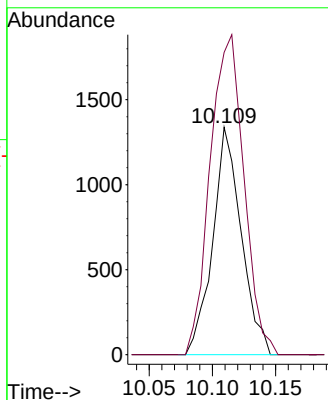
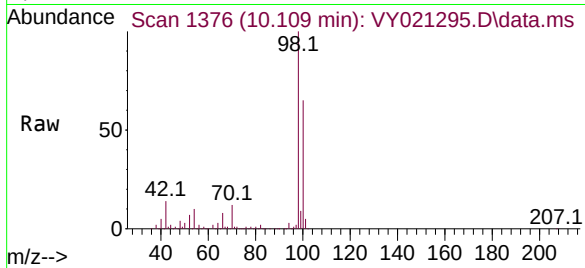




#51
4-Methyl-2-Pentanone
Concen: 1.556 ug/l
RT: 10.109 min Scan# 1358
Delta R.T. 0.110 min
Lab File: VY021295.D
Acq: 21 Feb 2025 18:54

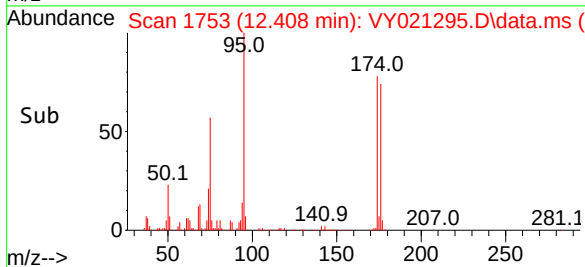
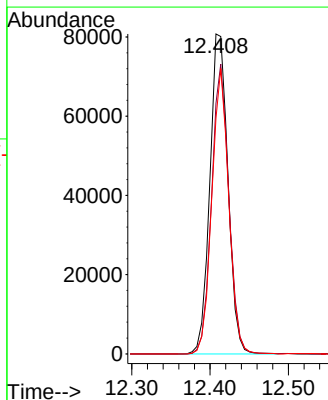
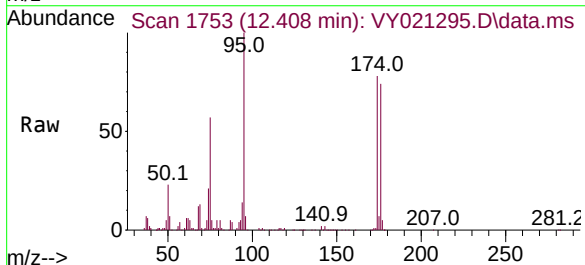
Instrument :
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OU4-PCS-TC-09-021725

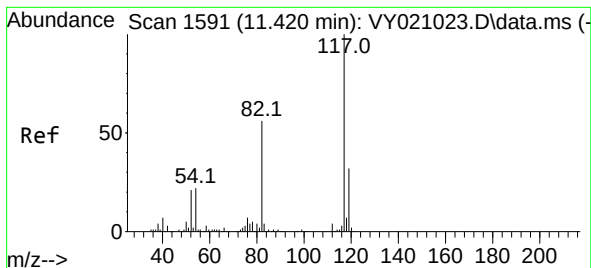
Tgt Ion: 43 Resp: 2106
Ion Ratio Lower Upper
43 100
58 166.3 32.2 48.2#



#62
4-Bromofluorobenzene
Concen: 50.121 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021295.D
Acq: 21 Feb 2025 18:54

Tgt Ion: 95 Resp: 129983
Ion Ratio Lower Upper
95 100
174 86.0 0.0 160.0
176 83.1 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021295.D

Acq: 21 Feb 2025 18:54

Instrument :

MSVOA_Y

ClientSampleId :

OU4-PCS-TC-09-021725

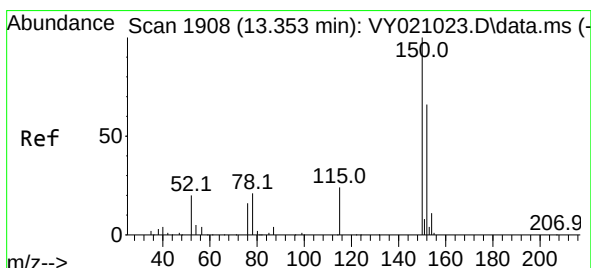
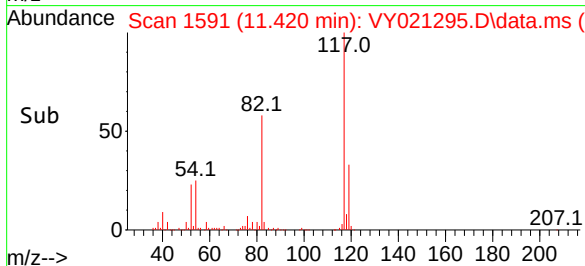
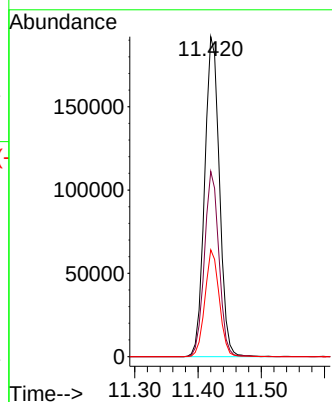
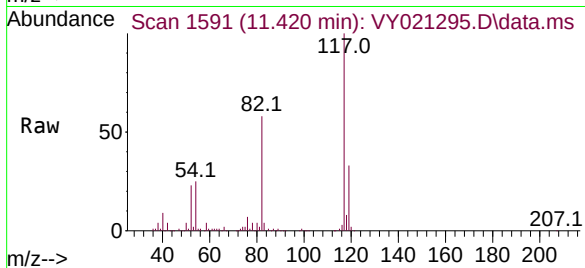
Tgt Ion:117 Resp: 310511

Ion Ratio Lower Upper

117 100

82 57.9 43.8 65.8

119 33.4 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: VY021295.D

Acq: 21 Feb 2025 18:54

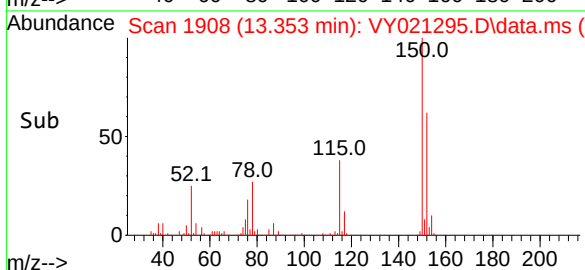
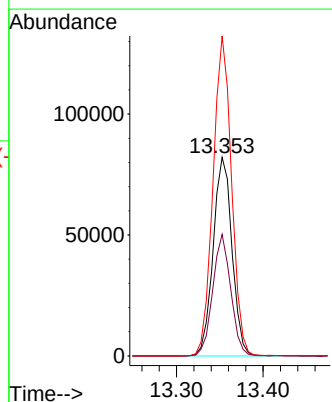
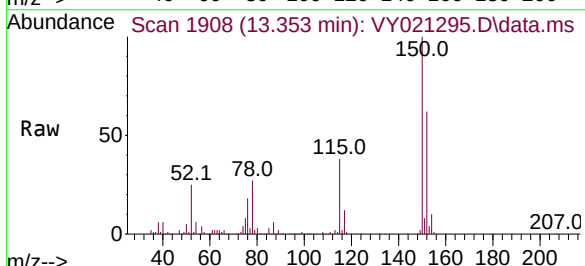
Tgt Ion:152 Resp: 124714

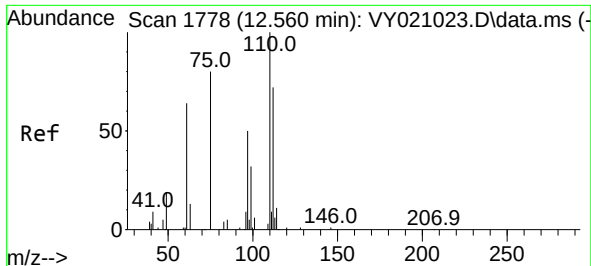
Ion Ratio Lower Upper

152 100

115 58.4 30.0 90.0

150 158.0 0.0 344.6

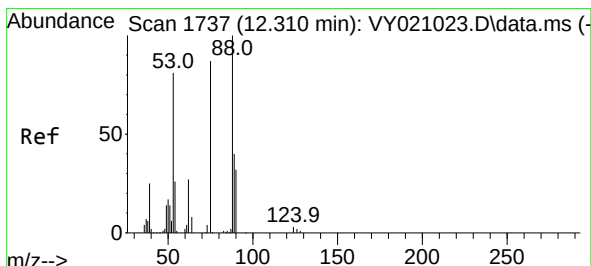
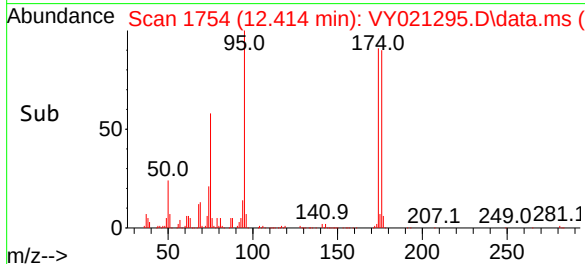
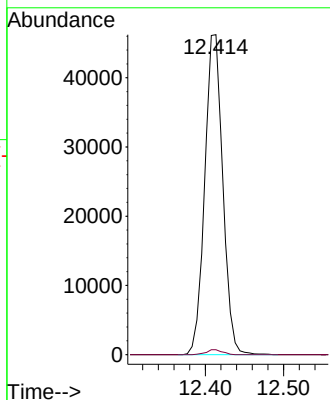
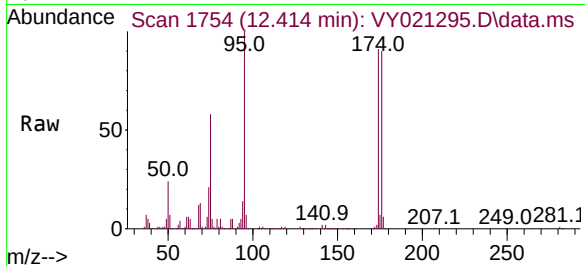




#76
1,2,3-Trichloropropane
Concen: 65.505 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.146 min
Lab File: VY021295.D
Acq: 21 Feb 2025 18:54

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-09-021725

Tgt Ion: 75 Resp: 74106
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 133.661 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.103 min
Lab File: VY021295.D
Acq: 21 Feb 2025 18:54

Tgt Ion: 75 Resp: 74106
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#

