

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
 Data File : VY021281.D
 Acq On : 21 Feb 2025 13:27
 Operator : SY/MD
 Sample : Q1383-05
 Misc : 5.82g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-13-021725

Quant Time: Feb 21 23:06:54 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)

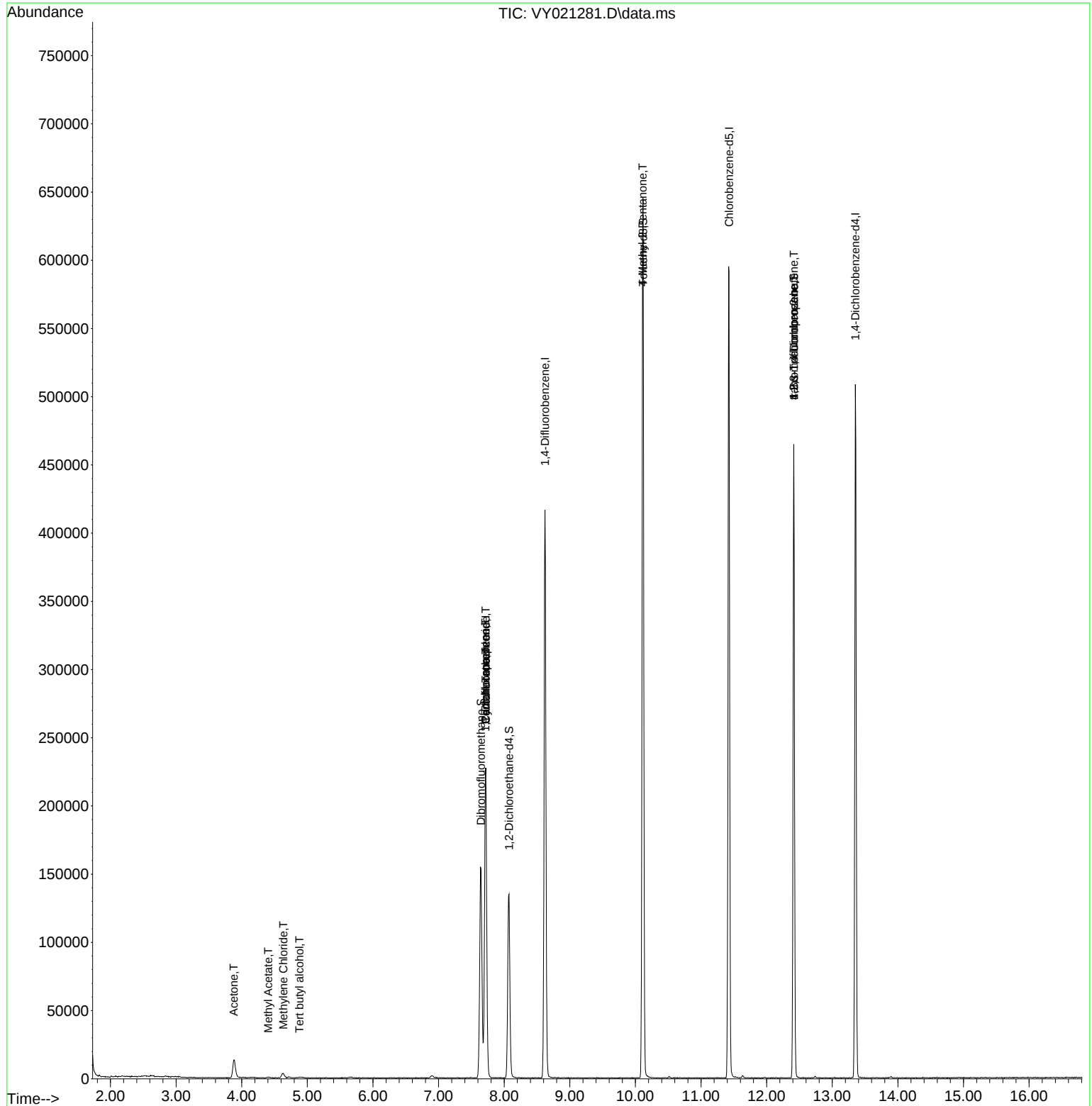
Internal Standards						
1) Pentafluorobenzene	7.719	168	169914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	334383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	312411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	125048	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	110186	63.292	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.580%	
35) Dibromofluoromethane	7.646	113	110221	51.434	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.860%	
50) Toluene-d8	10.115	98	409432	50.186	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.380%	
62) 4-Bromofluorobenzene	12.414	95	131965	49.512	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.020%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.878	59	756	6.408	ug/l #	75
16) Acetone	3.879	43	24829	91.454	ug/l	93
18) Methyl Acetate	4.403	43	1143	1.199	ug/l #	85
20) Methylene Chloride	4.635	84	2366	1.402	ug/l	90
31) Cyclohexane	7.719	56	4134	1.392	ug/l #	22
36) 1,1-Dichloropropene	7.713	75	14236	4.485	ug/l #	50
38) Carbon Tetrachloride	7.719	117	18450	4.975	ug/l #	16
51) 4-Methyl-2-Pentanone	10.109	43	2104	1.512	ug/l #	1
76) 1,2,3-Trichloropropane	12.414	75	73137	64.475	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	73137	131.561	ug/l #	12

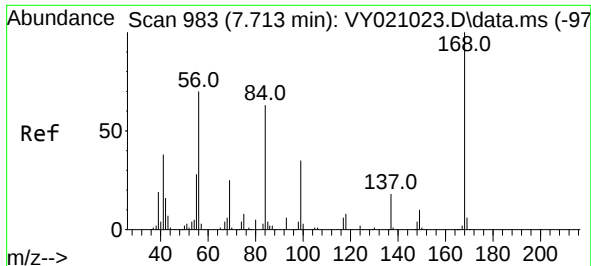
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
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ALS Vial : 10 Sample Multiplier: 1

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OU4-PCS-TC-13-021725

Quant Time: Feb 21 23:06:54 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

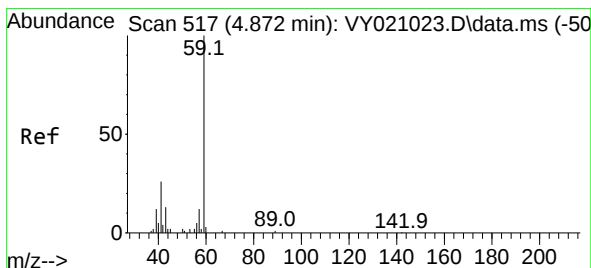
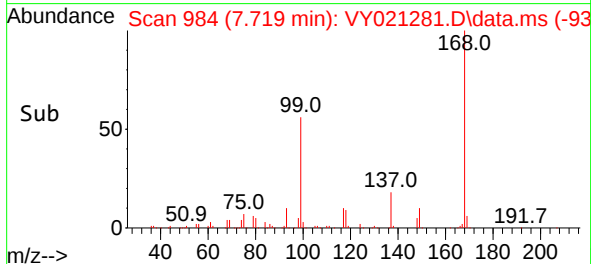
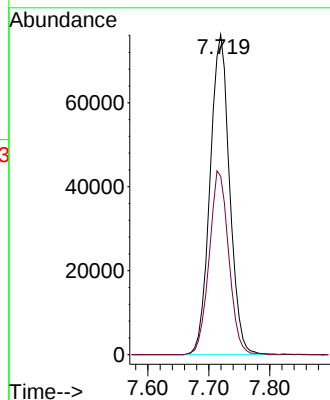
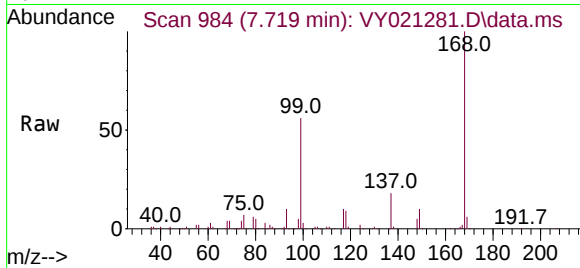




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.006 min
Lab File: VY021281.D
Acq: 21 Feb 2025 13:27

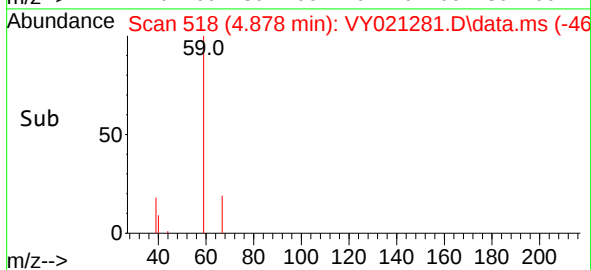
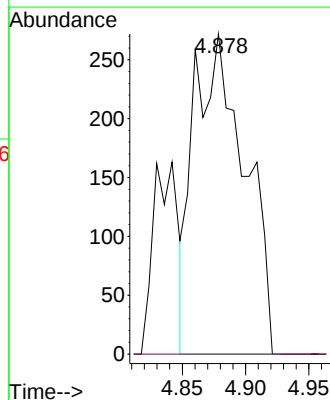
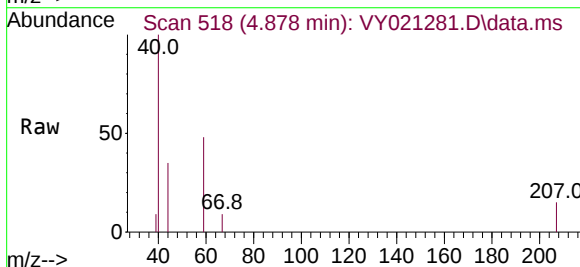
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-13-021725

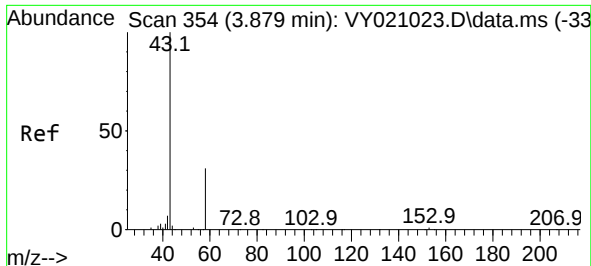
Tgt Ion:168 Resp: 169914
Ion Ratio Lower Upper
168 100
99 55.7 44.2 66.4



#11
Tert butyl alcohol
Concen: 6.408 ug/l
RT: 4.878 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY021281.D
Acq: 21 Feb 2025 13:27

Tgt Ion: 59 Resp: 756
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

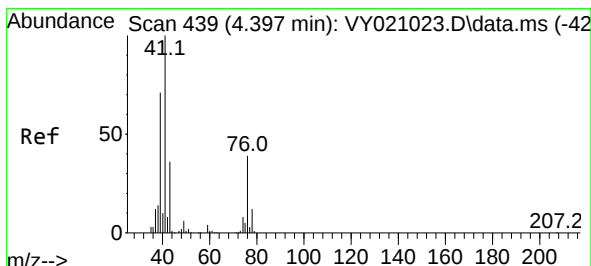
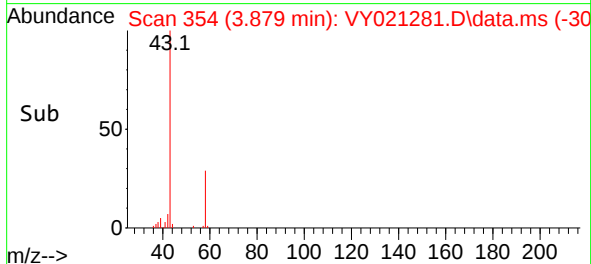
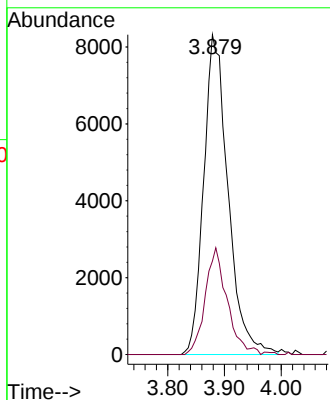
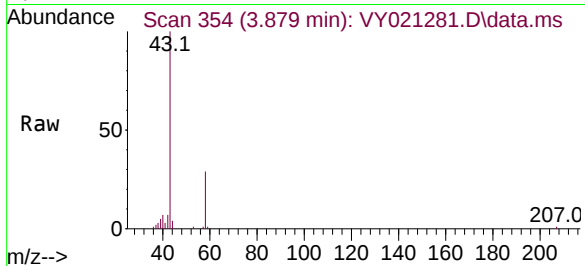




#16
Acetone
Concen: 91.454 ug/l
RT: 3.879 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY021281.D
Acq: 21 Feb 2025 13:27

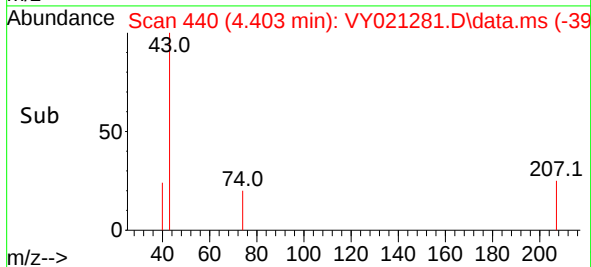
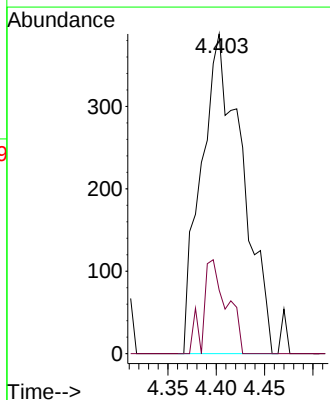
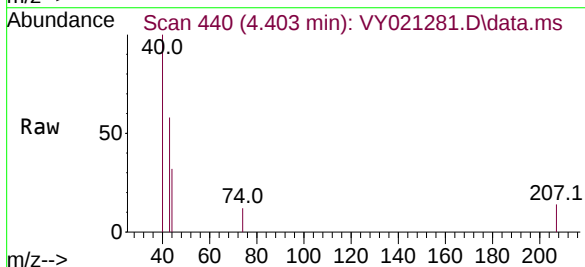
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-13-021725

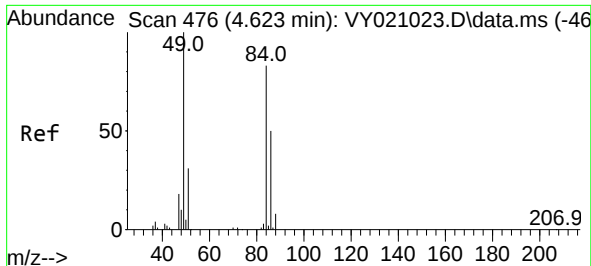
Tgt Ion: 43 Resp: 24829
Ion Ratio Lower Upper
43 100
58 29.2 26.6 39.8



#18
Methyl Acetate
Concen: 1.199 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY021281.D
Acq: 21 Feb 2025 13:27

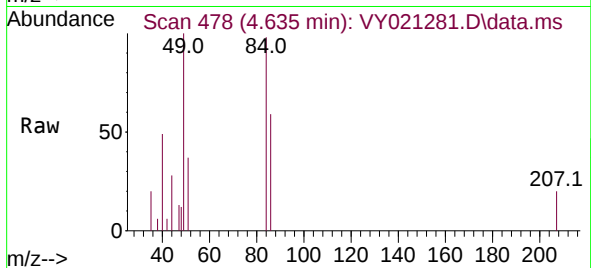
Tgt Ion: 43 Resp: 1143
Ion Ratio Lower Upper
43 100
74 17.0 19.8 29.6#



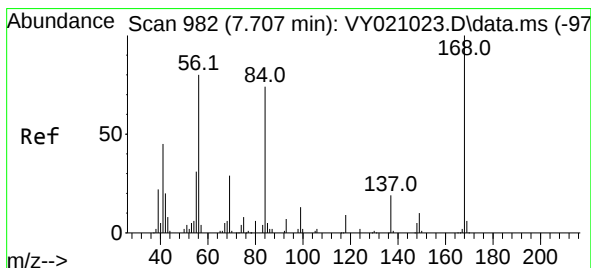
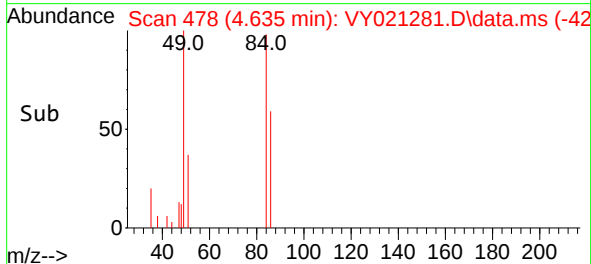
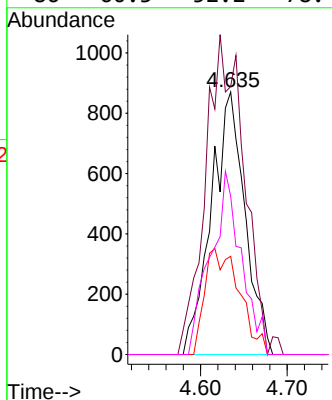


#20
Methylene Chloride
Concen: 1.402 ug/l
RT: 4.635 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY021281.D
Acq: 21 Feb 2025 13:27

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-13-021725

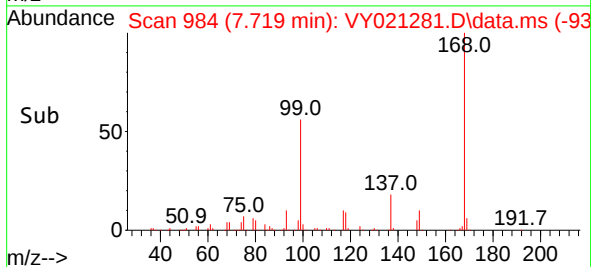
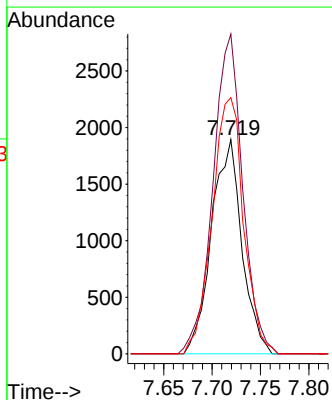
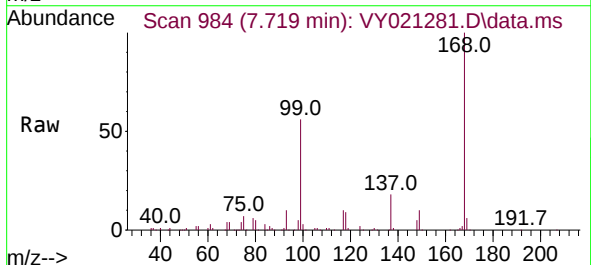


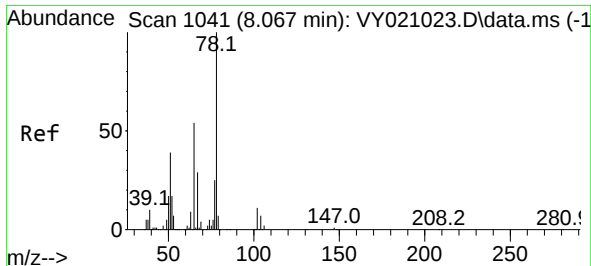
Tgt Ion:	84	Resp:	2366
Ion	Ratio	Lower	Upper
84	100		
49	102.1	95.2	142.8
51	37.4	29.9	44.9
86	60.3	52.2	78.4



#31
Cyclohexane
Concen: 1.392 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.012 min
Lab File: VY021281.D
Acq: 21 Feb 2025 13:27

Tgt Ion:	56	Resp:	4134
Ion	Ratio	Lower	Upper
56	100		
69	149.3	27.0	40.6#
84	119.5	71.8	107.6#





#33

1,2-Dichloroethane-d4

Concen: 63.292 ug/l

RT: 8.073 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY021281.D

Acq: 21 Feb 2025 13:27

Instrument :

MSVOA_Y

ClientSampleId :

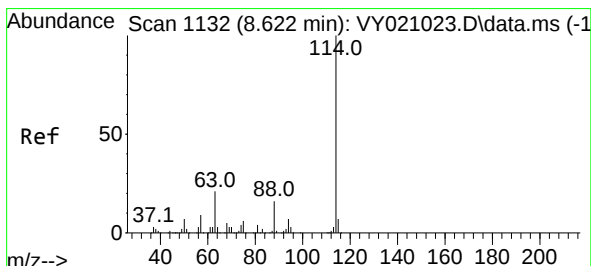
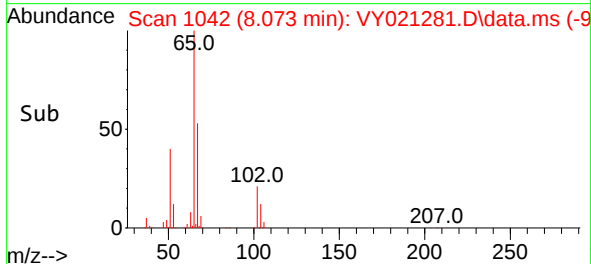
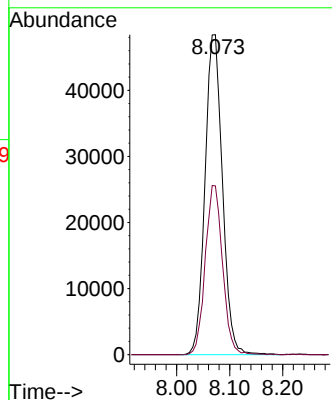
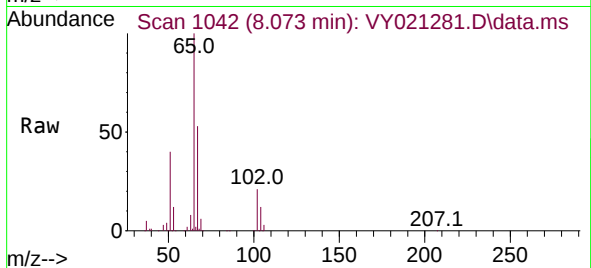
OU4-PCS-TC-13-021725

Tgt Ion: 65 Resp: 110186

Ion Ratio Lower Upper

65 100

67 52.4 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: VY021281.D

Acq: 21 Feb 2025 13:27

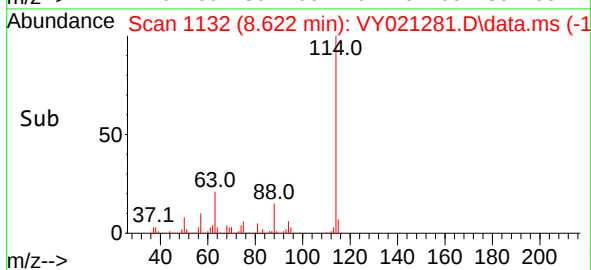
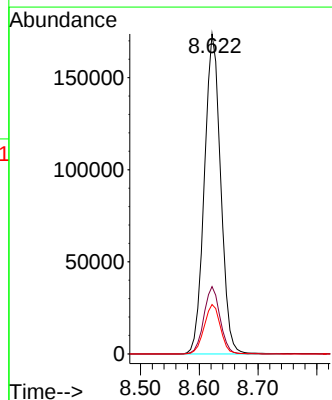
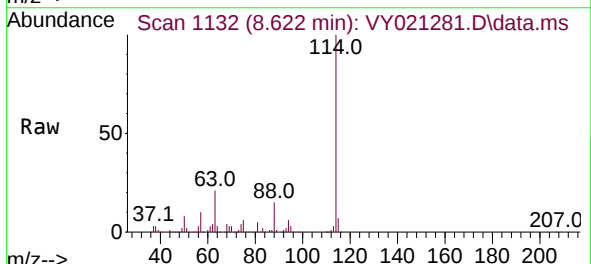
Tgt Ion: 114 Resp: 334383

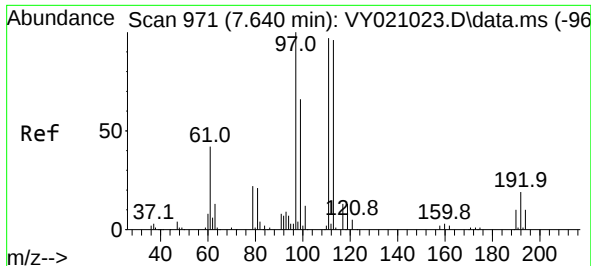
Ion Ratio Lower Upper

114 100

63 21.0 0.0 37.4

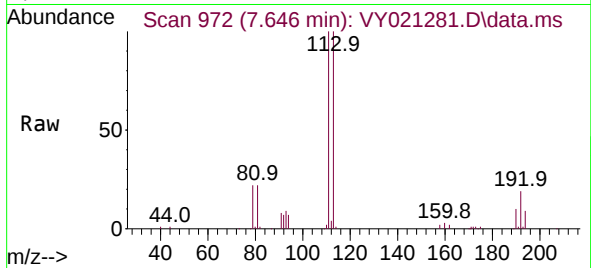
88 15.4 0.0 29.0



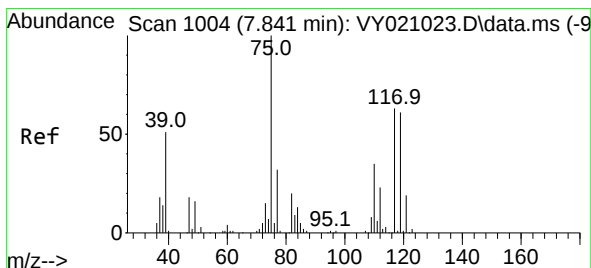
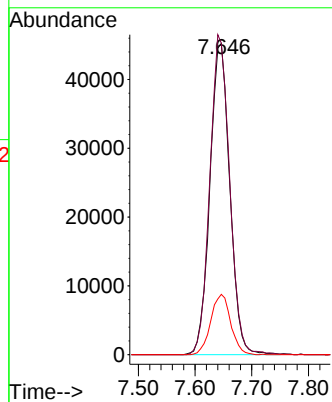
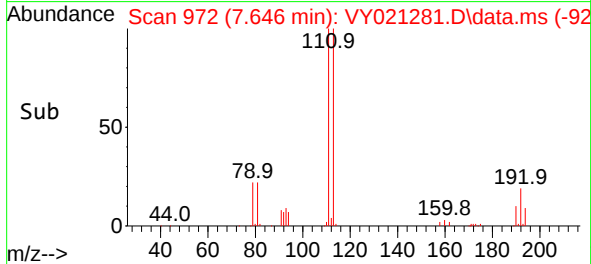


#35
Dibromofluoromethane
Concen: 51.434 ug/l
RT: 7.646 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY021281.D
Acq: 21 Feb 2025 13:27

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-13-021725

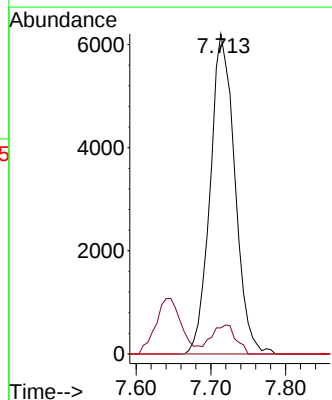
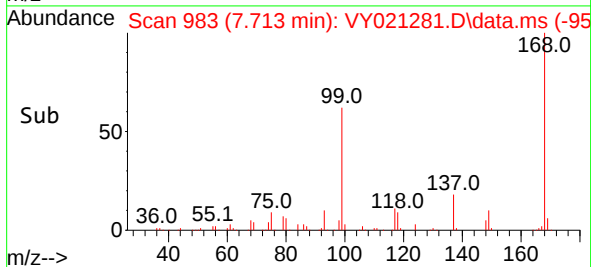
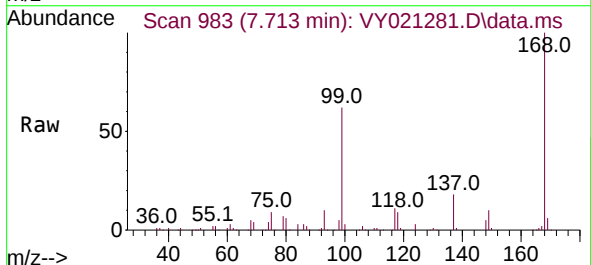


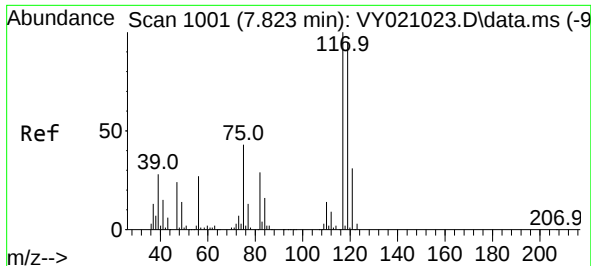
Tgt Ion:113 Resp: 110221
Ion Ratio Lower Upper
113 100
111 102.4 83.8 125.6
192 19.4 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.485 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY021281.D
Acq: 21 Feb 2025 13:27

Tgt Ion: 75 Resp: 14236
Ion Ratio Lower Upper
75 100
110 8.8 17.4 52.3#
77 0.0 24.7 37.1#

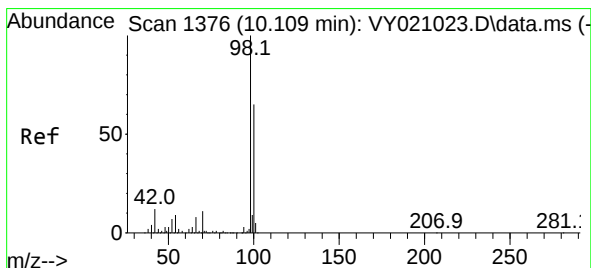
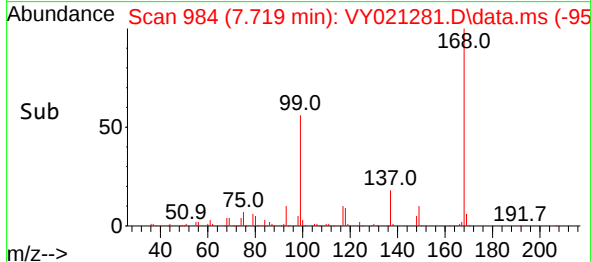
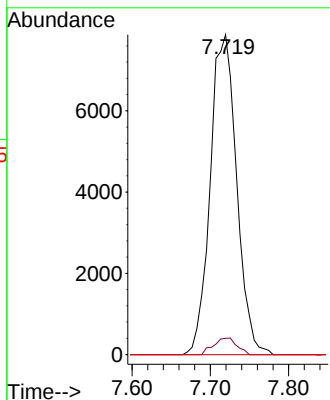
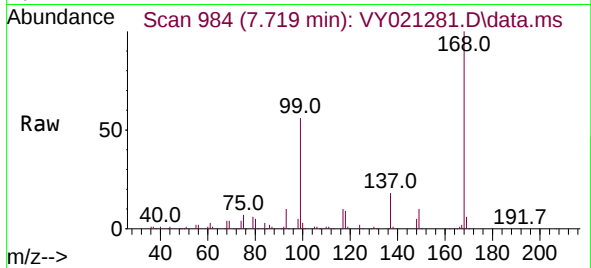




#38
Carbon Tetrachloride
Concen: 4.975 ug/l
RT: 7.719 min Scan# 98
Delta R.T. -0.104 min
Lab File: VY021281.D
Acq: 21 Feb 2025 13:27

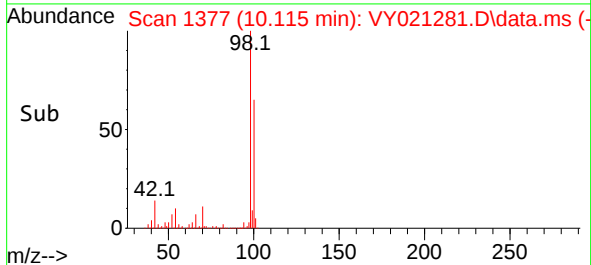
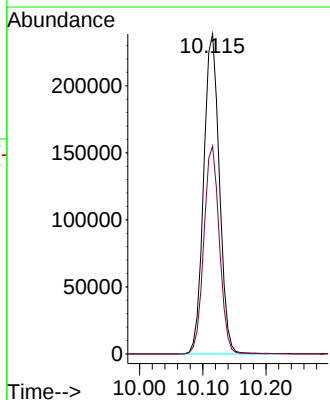
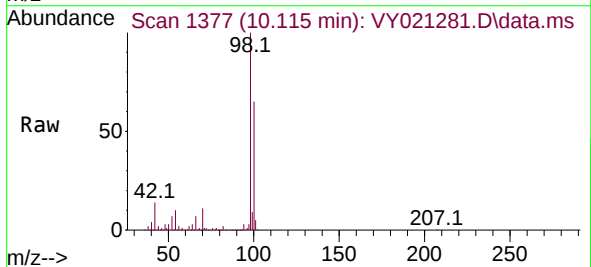
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OU4-PCS-TC-13-021725

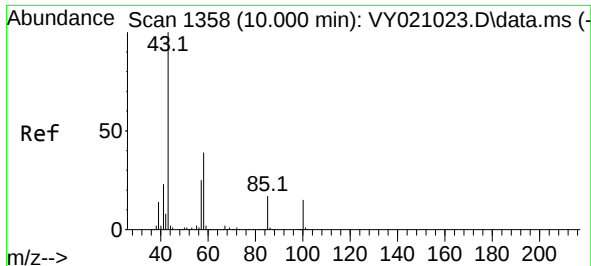
Tgt Ion:117 Resp: 18450
Ion Ratio Lower Upper
117 100
119 5.1 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.186 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021281.D
Acq: 21 Feb 2025 13:27

Tgt Ion: 98 Resp: 409432
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5

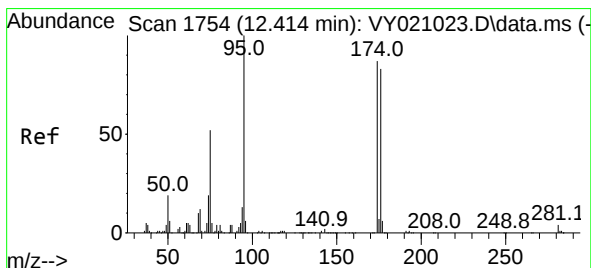
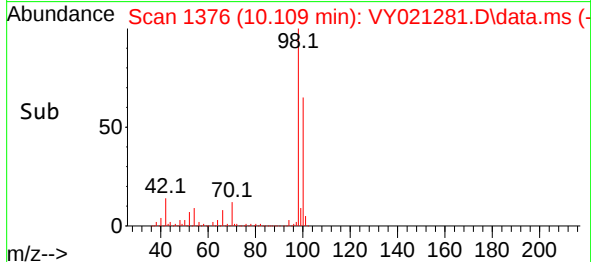
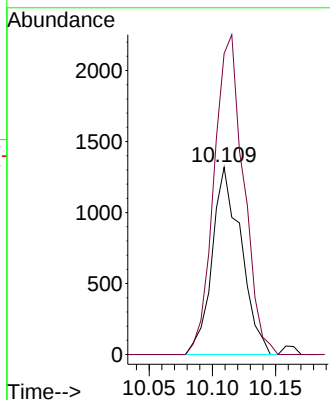
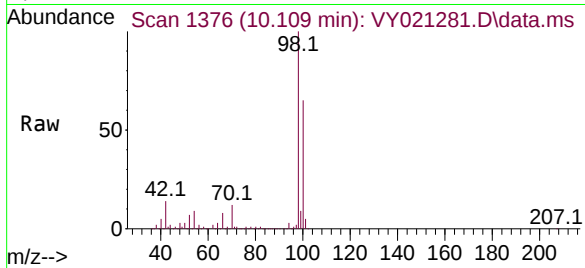




#51
4-Methyl-2-Pentanone
Concen: 1.512 ug/l
RT: 10.109 min Scan# 1358
Delta R.T. 0.110 min
Lab File: VY021281.D
Acq: 21 Feb 2025 13:27

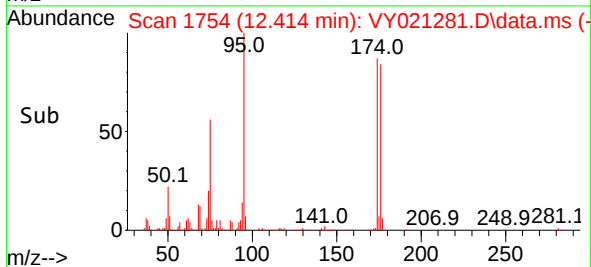
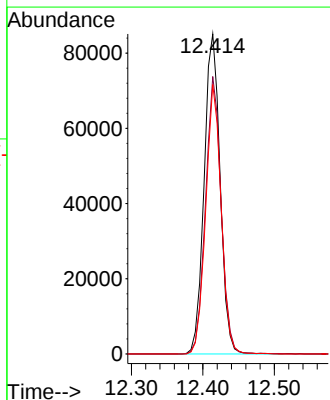
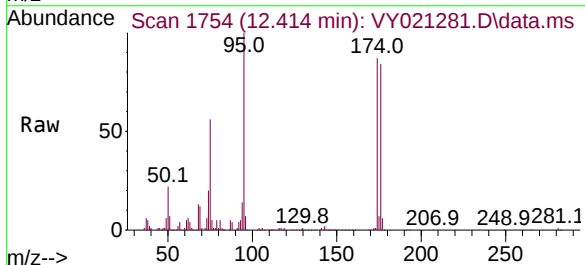
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-13-021725

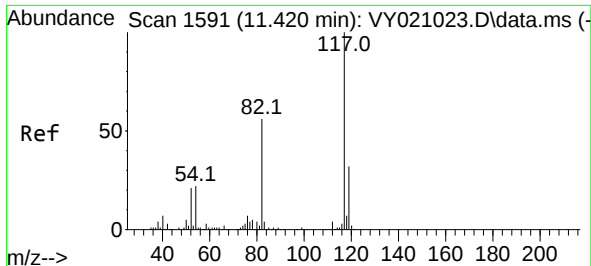
Tgt Ion: 43 Resp: 2104
Ion Ratio Lower Upper
43 100
58 174.0 32.2 48.2#



#62
4-Bromofluorobenzene
Concen: 49.512 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021281.D
Acq: 21 Feb 2025 13:27

Tgt Ion: 95 Resp: 131965
Ion Ratio Lower Upper
95 100
174 84.9 0.0 160.0
176 81.5 0.0 151.8

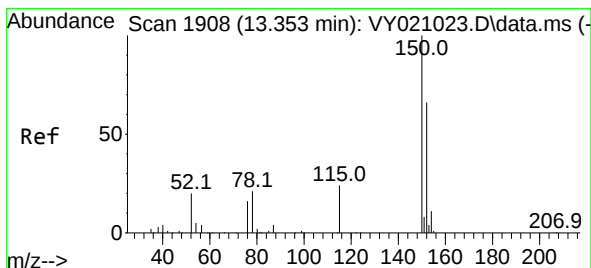
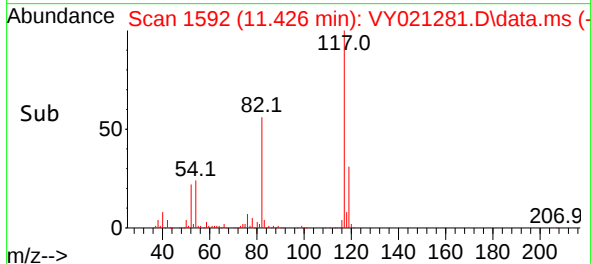
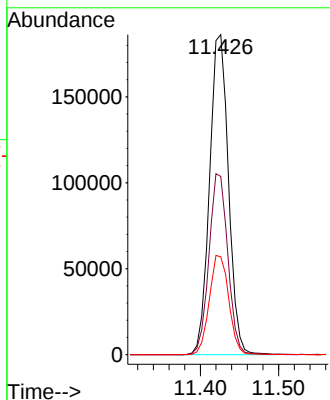
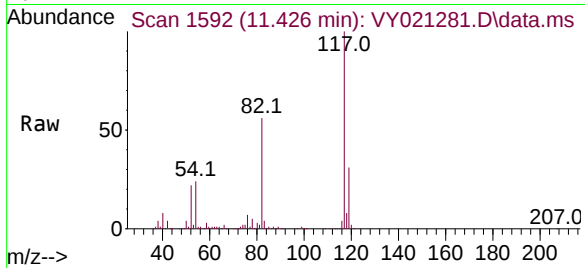




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021281.D
Acq: 21 Feb 2025 13:27

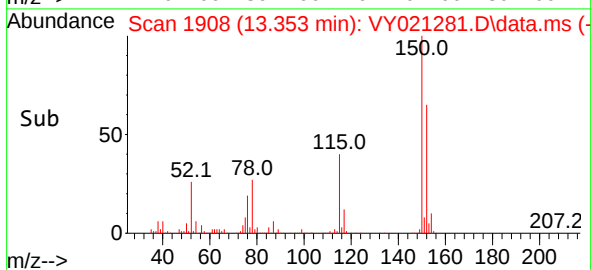
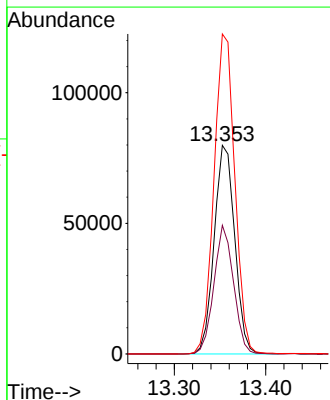
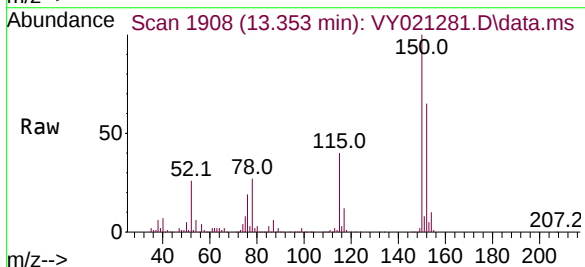
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-13-021725

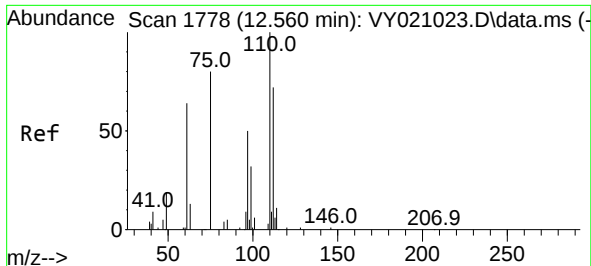
Tgt Ion:117 Resp: 312411
Ion Ratio Lower Upper
117 100
82 55.7 43.8 65.8
119 30.6 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY021281.D
Acq: 21 Feb 2025 13:27

Tgt Ion:152 Resp: 125048
Ion Ratio Lower Upper
152 100
115 58.6 30.0 90.0
150 154.9 0.0 344.6

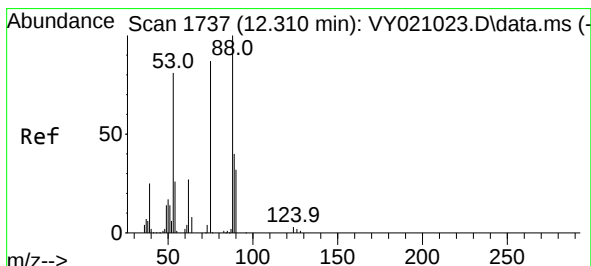
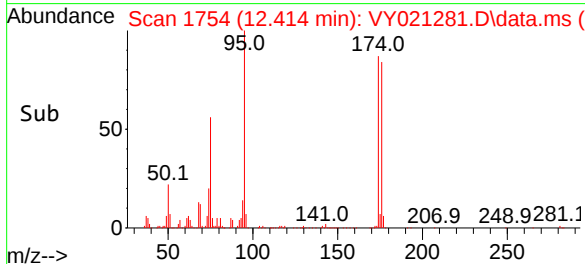
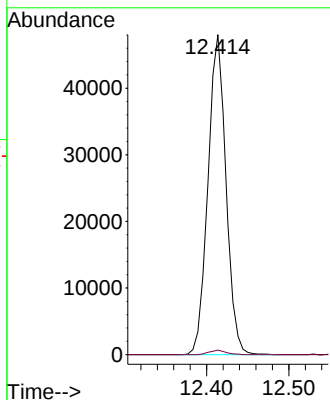
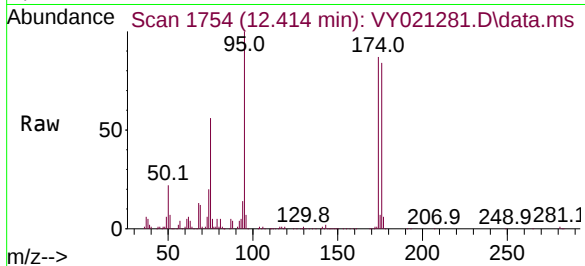




#76
1,2,3-Trichloropropane
Concen: 64.475 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.146 min
Lab File: VY021281.D
Acq: 21 Feb 2025 13:27

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-13-021725

Tgt Ion: 75 Resp: 73137
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 131.561 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.104 min
Lab File: VY021281.D
Acq: 21 Feb 2025 13:27

Tgt Ion: 75 Resp: 73137
Ion Ratio Lower Upper
75 100
53 0.1 74.0 111.0#
89 0.1 36.5 54.7#

