

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
 Data File : VY021287.D
 Acq On : 21 Feb 2025 15:47
 Operator : SY/MD
 Sample : Q1383-17
 Misc : 5.83g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-19-021725

Quant Time: Feb 21 23:08:57 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)

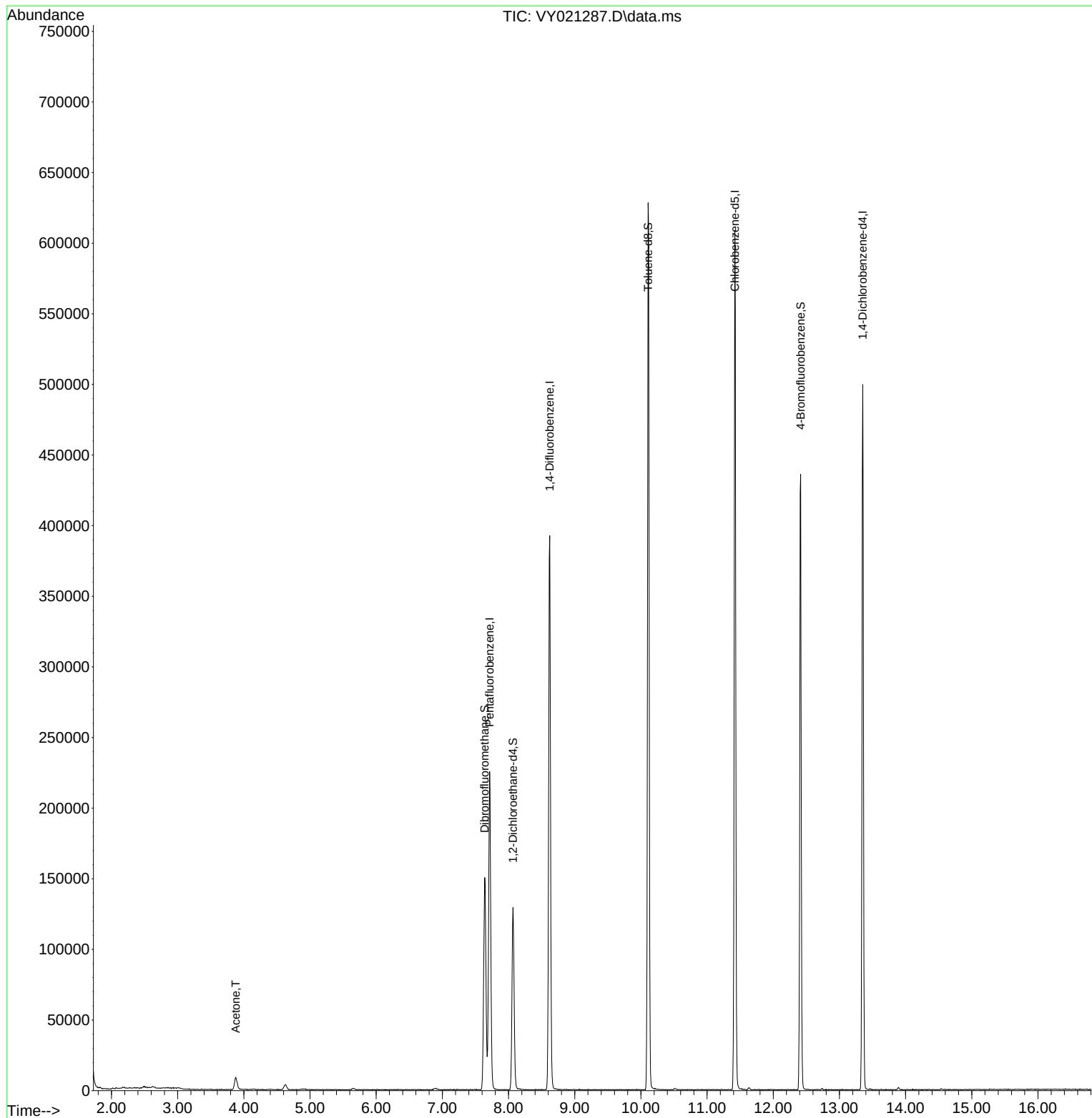
Internal Standards						
1) Pentafluorobenzene	7.713	168	164839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	321028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	299636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	120303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	103167	61.085	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.180%
35) Dibromofluoromethane	7.640	113	105416	51.238	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.480%
50) Toluene-d8	10.109	98	398060	50.821	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.640%
62) 4-Bromofluorobenzene	12.414	95	124605	48.696	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.400%
Target Compounds						
16) Acetone	3.879	43	16130	61.242	ug/l	Qvalue # 88

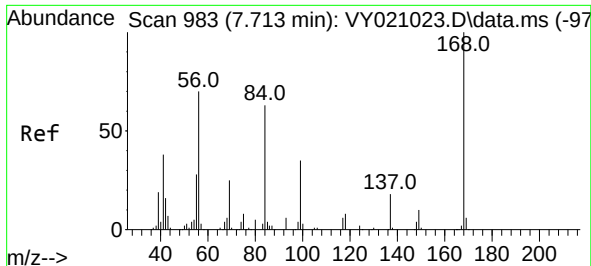
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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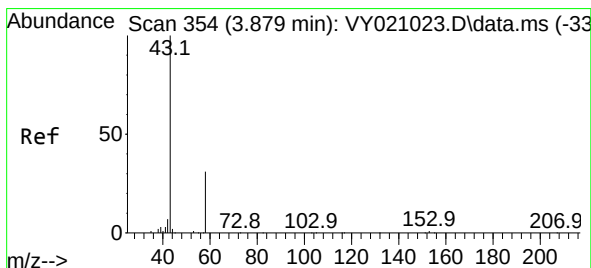
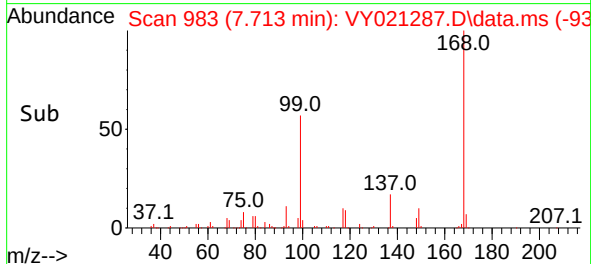
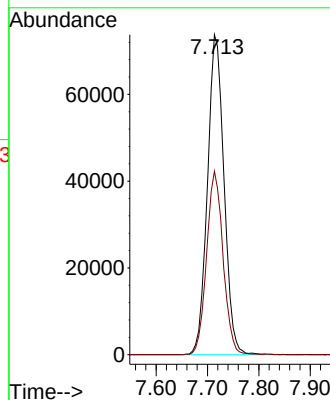
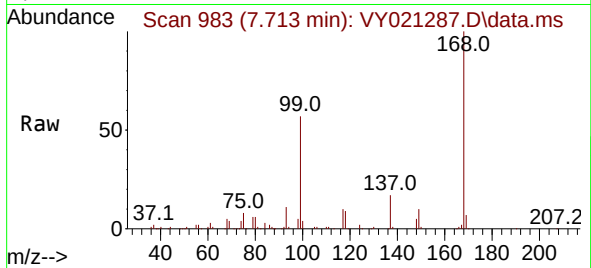




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021287.D
Acq: 21 Feb 2025 15:47

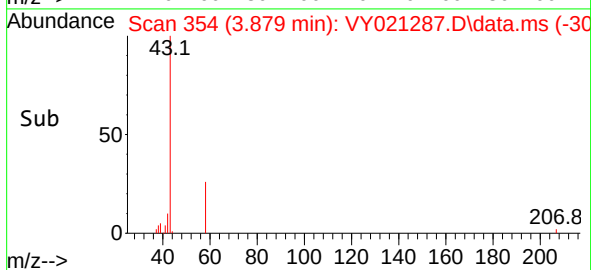
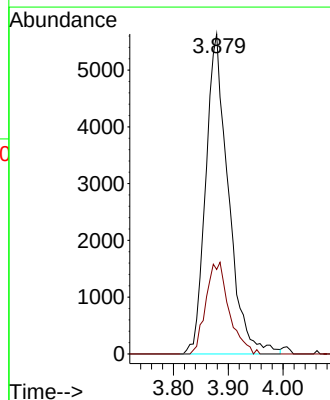
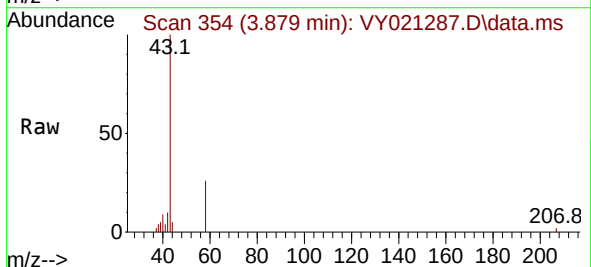
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-19-021725

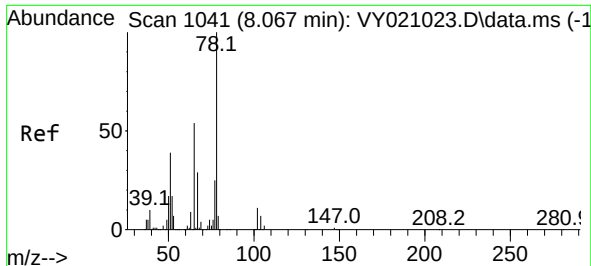
Tgt Ion:168 Resp: 164839
Ion Ratio Lower Upper
168 100
99 57.3 44.2 66.4



#16
Acetone
Concen: 61.242 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021287.D
Acq: 21 Feb 2025 15:47

Tgt Ion: 43 Resp: 16130
Ion Ratio Lower Upper
43 100
58 26.4 26.6 39.8#





#33

1,2-Dichloroethane-d4

Concen: 61.085 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY021287.D

Acq: 21 Feb 2025 15:47

Instrument :

MSVOA_Y

ClientSampleId :

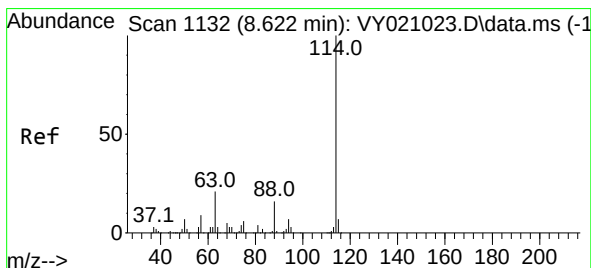
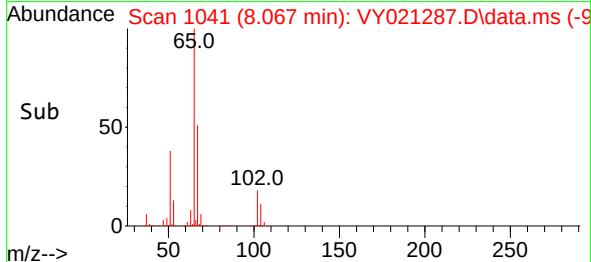
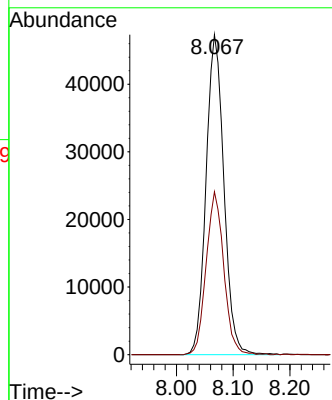
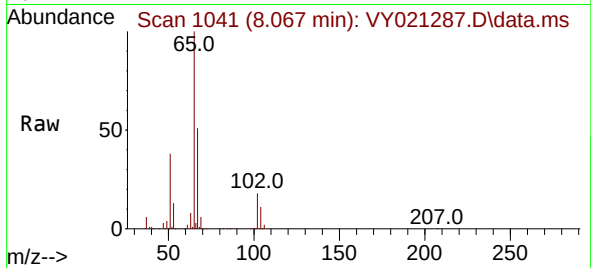
OU4-PCS-TC-19-021725

Tgt Ion: 65 Resp: 103167

Ion Ratio Lower Upper

65 100

67 50.5 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: VY021287.D

Acq: 21 Feb 2025 15:47

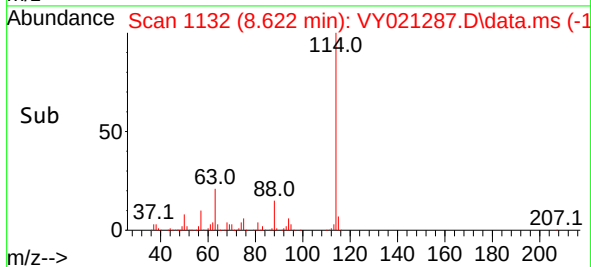
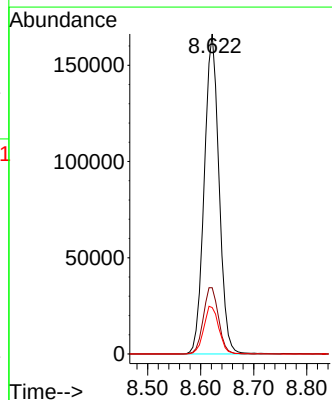
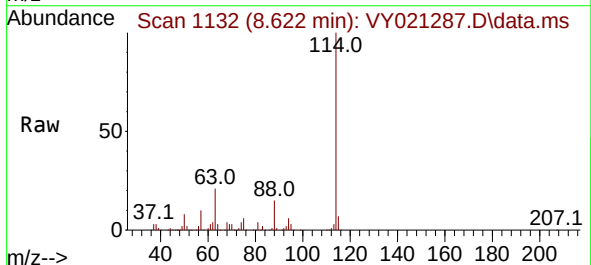
Tgt Ion: 114 Resp: 321028

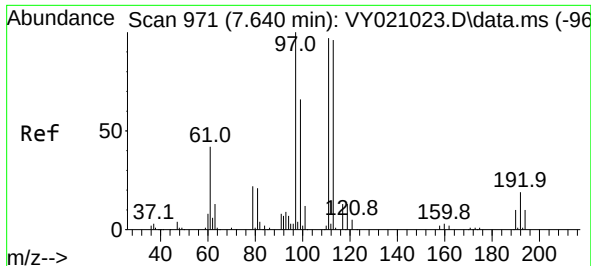
Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.4

88 14.5 0.0 29.0

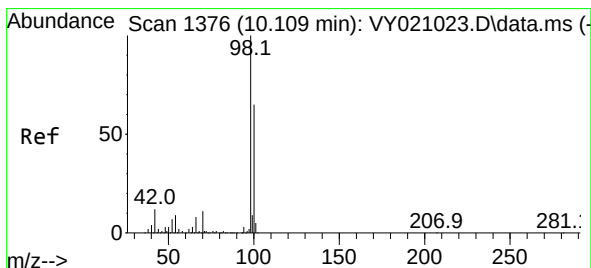
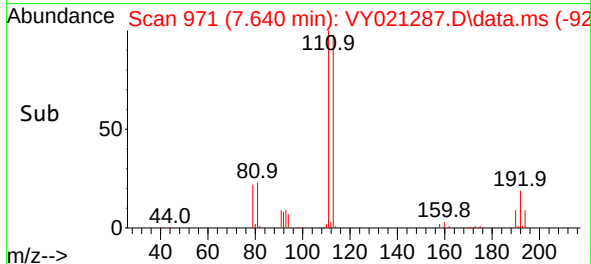
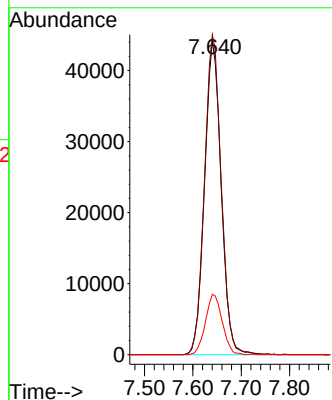
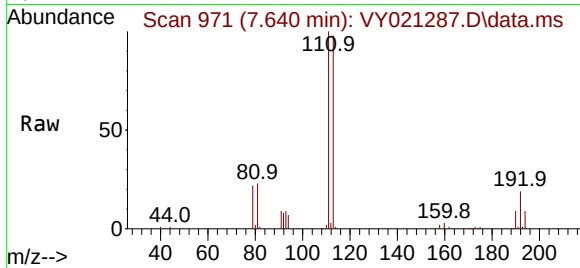




#35
Dibromofluoromethane
Concen: 51.238 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021287.D
Acq: 21 Feb 2025 15:47

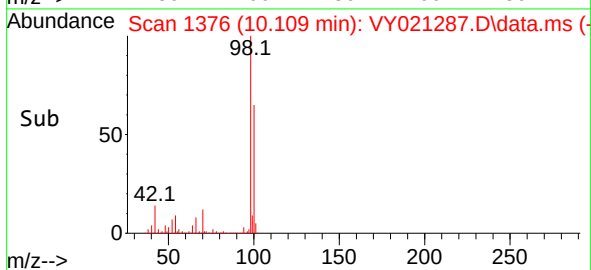
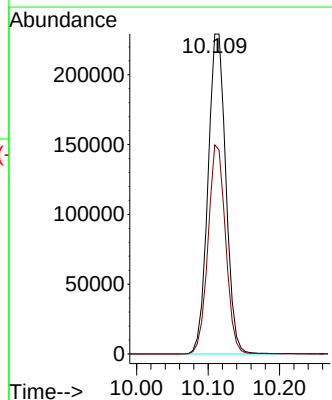
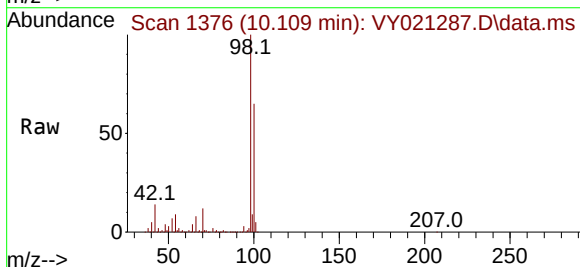
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-19-021725

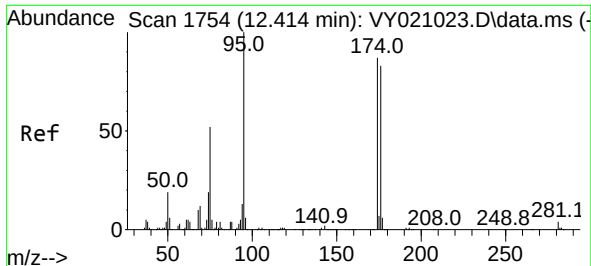
Tgt Ion:113 Resp: 105416
Ion Ratio Lower Upper
113 100
111 102.6 83.8 125.6
192 19.4 14.5 21.7



#50
Toluene-d8
Concen: 50.821 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021287.D
Acq: 21 Feb 2025 15:47

Tgt Ion: 98 Resp: 398060
Ion Ratio Lower Upper
98 100
100 64.1 52.3 78.5

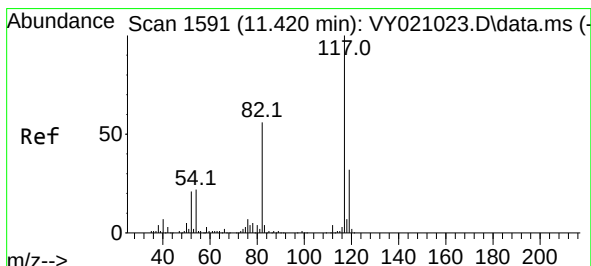
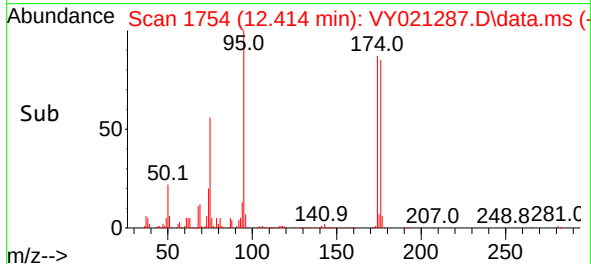
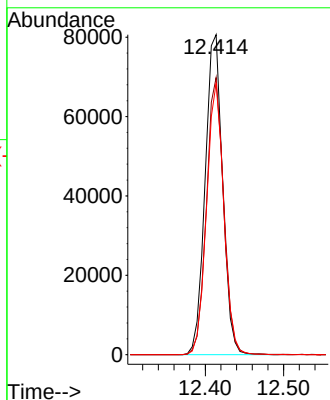
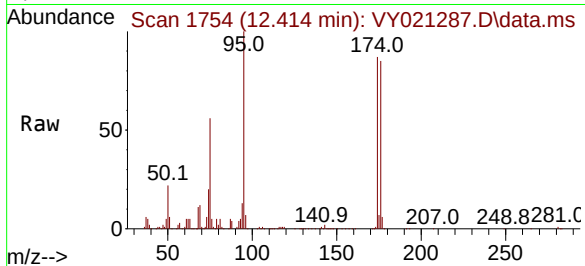




#62
4-Bromofluorobenzene
Concen: 48.696 ug/l
RT: 12.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021287.D
Acq: 21 Feb 2025 15:47

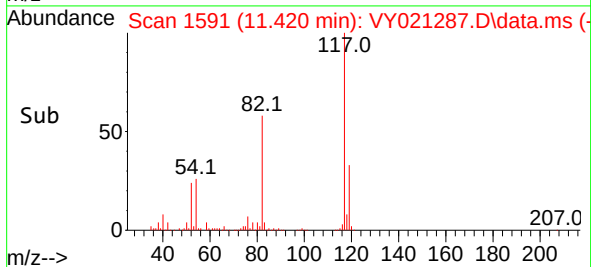
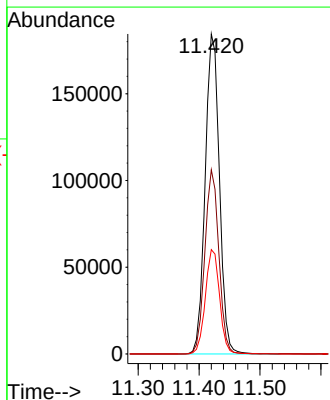
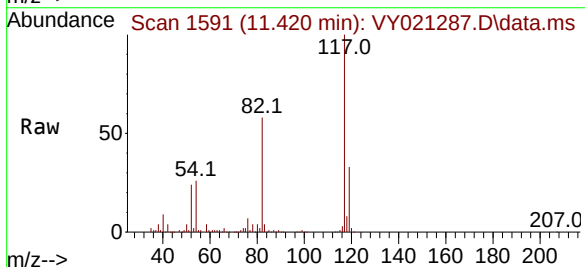
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-19-021725

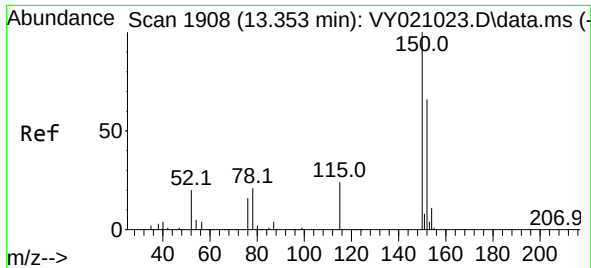
Tgt Ion:	95	Resp:	124605
Ion Ratio	Lower	Upper	
95	100		
174	85.8	0.0	160.0
176	83.6	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021287.D
Acq: 21 Feb 2025 15:47

Tgt Ion:	117	Resp:	299636
Ion Ratio	Lower	Upper	
117	100		
82	57.6	43.8	65.8
119	32.6	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: VY021287.D

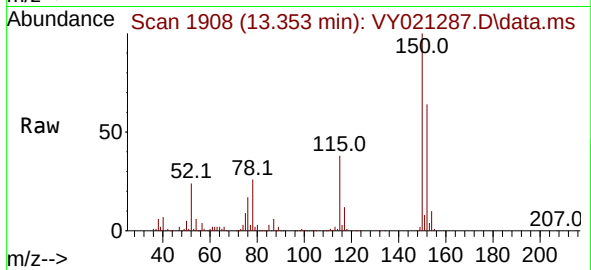
Acq: 21 Feb 2025 15:47

Instrument :

MSVOA_Y

ClientSampleId :

OU4-PCS-TC-19-021725



Tgt Ion:152 Resp: 120303

Ion Ratio Lower Upper

152 100

115 57.7 30.0 90.0

150 155.3 0.0 344.6

