

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
 Data File : VY021487.D
 Acq On : 11 Mar 2025 15:32
 Operator : SY/MD
 Sample : Q1524-02
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-241

Quant Time: Mar 11 15:54:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	3420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	5030	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	3352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	437	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	2607	72.122	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	144.240%
35) Dibromofluoromethane	7.634	113	1772	53.595	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.180%
50) Toluene-d8	10.109	98	5746	45.899	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.800%
62) 4-Bromofluorobenzene	12.402	95	547	12.845	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	25.700%#

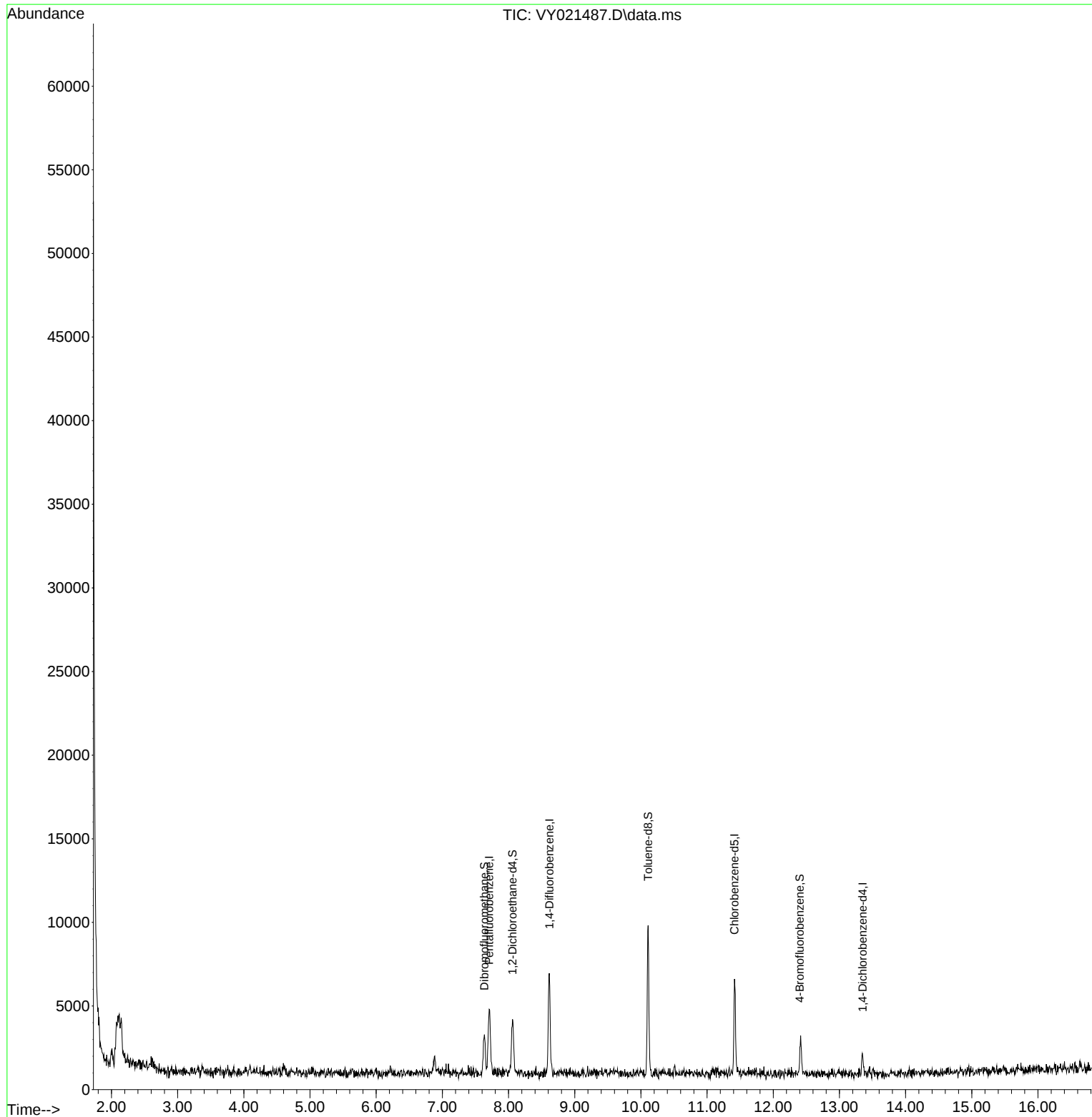
Target Compounds	Qvalue

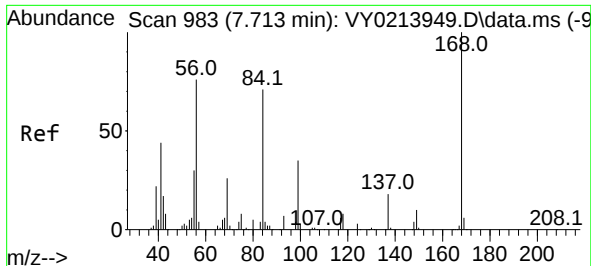
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
Data File : VY021487.D
Acq On : 11 Mar 2025 15:32
Operator : SY/MD
Sample : Q1524-02
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241

Quant Time: Mar 11 15:54:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

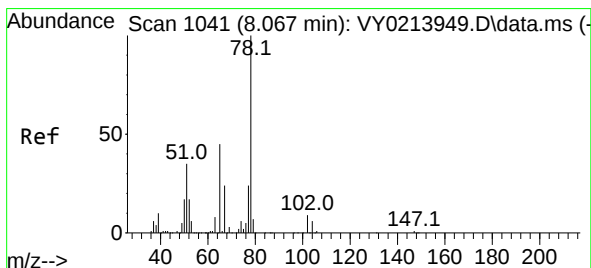
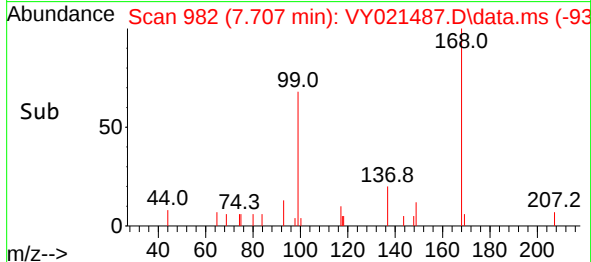
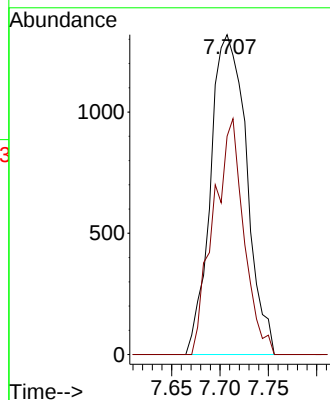
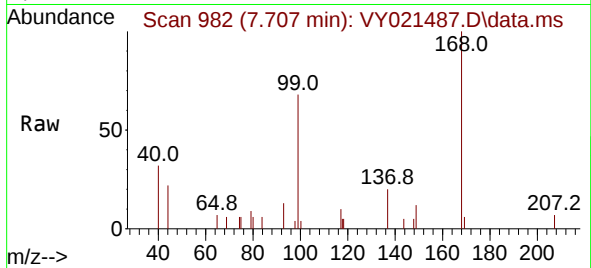




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021487.D
Acq: 11 Mar 2025 15:32

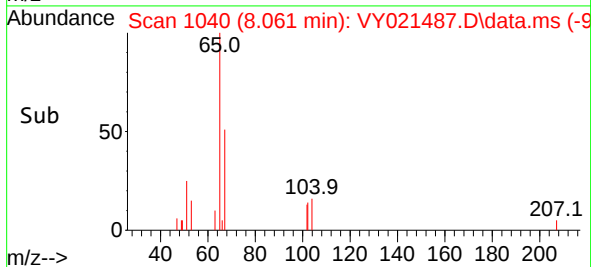
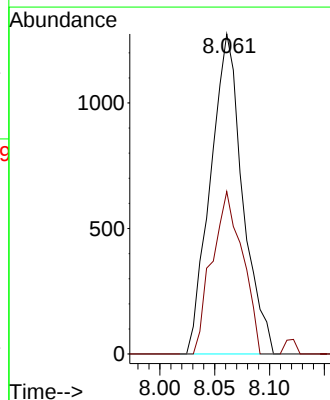
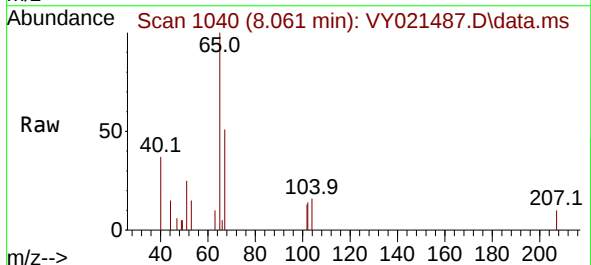
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241

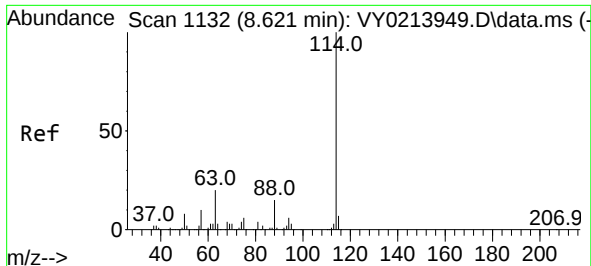
Tgt Ion:168 Resp: 3420
Ion Ratio Lower Upper
168 100
99 68.2 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 72.122 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021487.D
Acq: 11 Mar 2025 15:32

Tgt Ion: 65 Resp: 2607
Ion Ratio Lower Upper
65 100
67 48.3 0.0 102.8

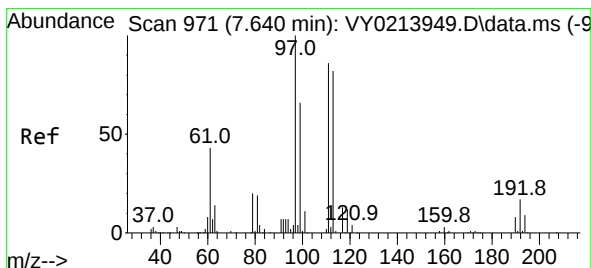
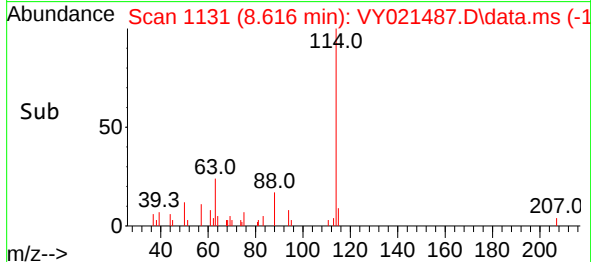
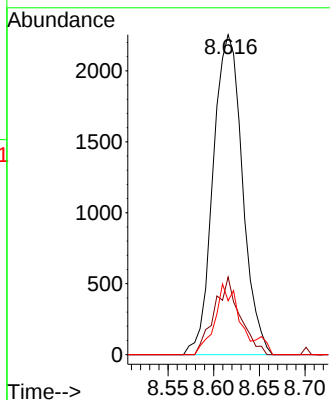
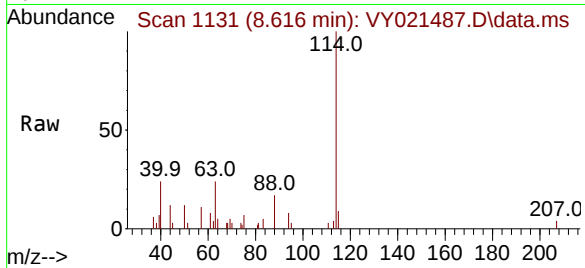




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021487.D
Acq: 11 Mar 2025 15:32

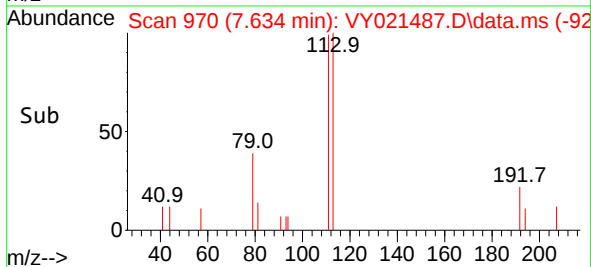
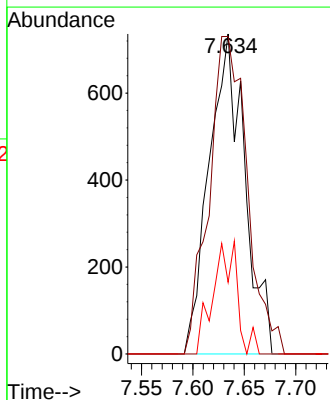
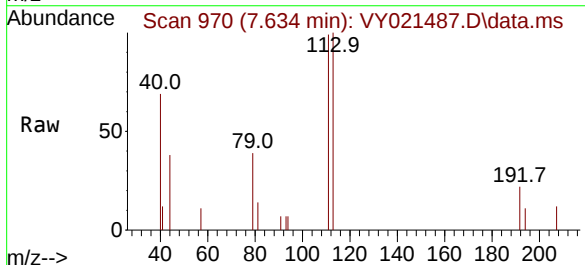
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241

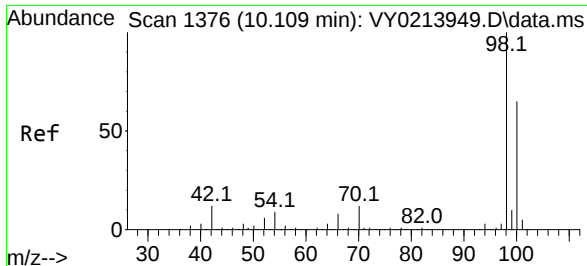
Tgt Ion:	114	Resp:	5030
Ion	Ratio	Lower	Upper
114	100		
63	24.3	0.0	40.8
88	16.9	0.0	30.8



#35
Dibromofluoromethane
Concen: 53.595 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021487.D
Acq: 11 Mar 2025 15:32

Tgt Ion:	113	Resp:	1772
Ion	Ratio	Lower	Upper
113	100		
111	106.3	82.0	123.0
192	22.5	15.9	23.9





#50

Toluene-d8

Concen: 45.899 ug/l

RT: 10.109 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021487.D

Acq: 11 Mar 2025 15:32

Instrument :

MSVOA_Y

ClientSampleId :

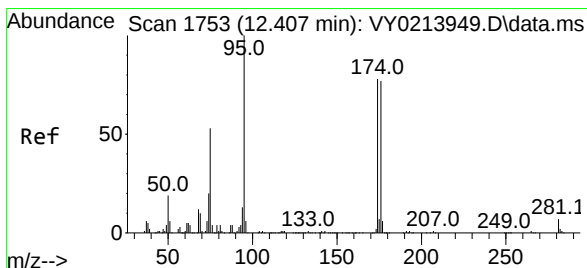
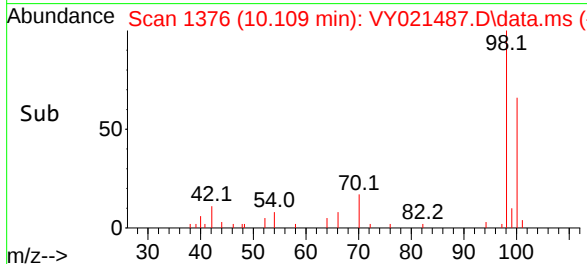
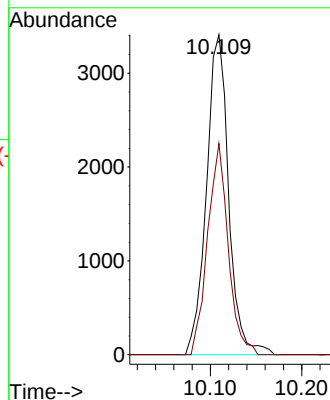
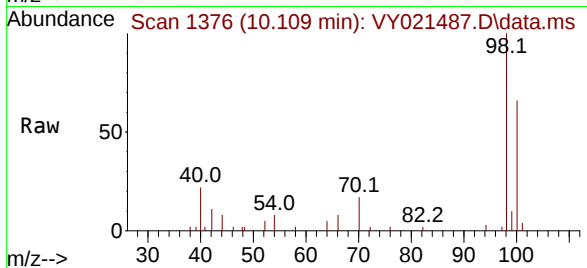
VNJ-241

Tgt Ion: 98 Resp: 5746

Ion Ratio Lower Upper

98 100

100 61.3 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 12.845 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY021487.D

Acq: 11 Mar 2025 15:32

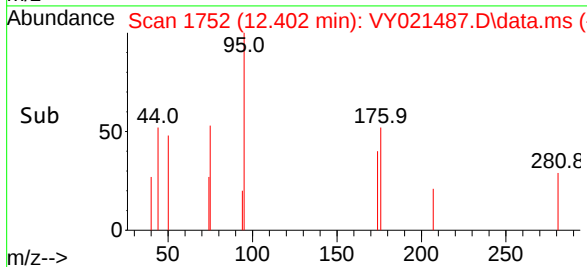
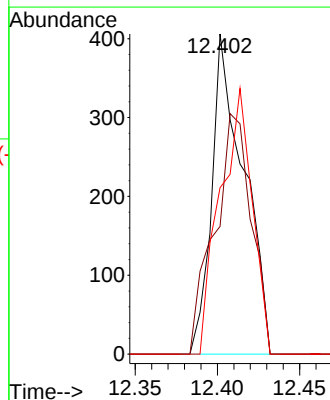
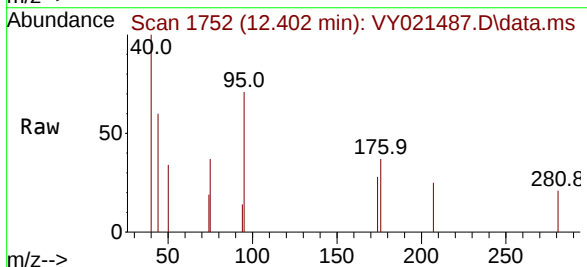
Tgt Ion: 95 Resp: 547

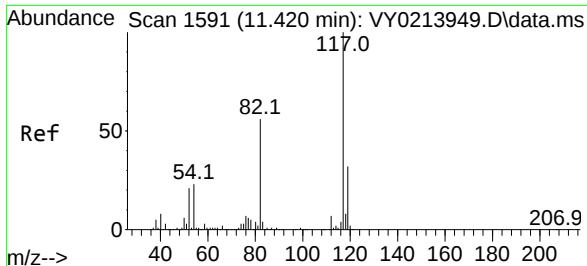
Ion Ratio Lower Upper

95 100

174 87.0 0.0 165.0

176 83.2 0.0 160.0

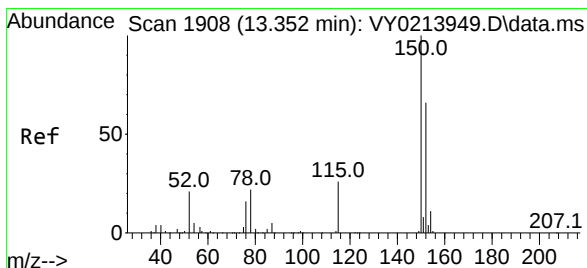
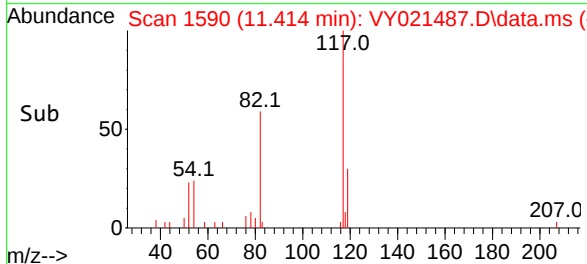
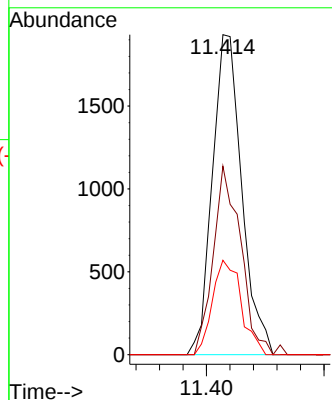
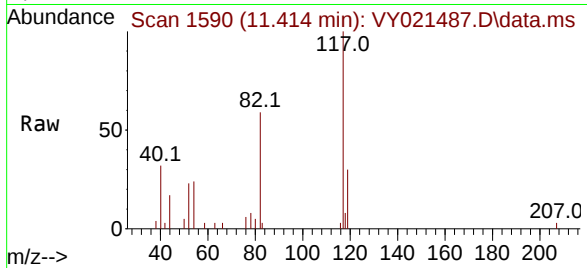




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021487.D
Acq: 11 Mar 2025 15:32

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241

Tgt Ion:117 Resp: 3352
Ion Ratio Lower Upper
117 100
82 58.9 44.6 67.0
119 29.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY021487.D
Acq: 11 Mar 2025 15:32

Tgt Ion:152 Resp: 437
Ion Ratio Lower Upper
152 100
115 56.8 29.0 87.0
150 138.0 0.0 347.2

