

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052725\
 Data File : VY022435.D
 Acq On : 27 May 2025 15:38
 Operator : SY/MD
 Sample : Q2127-11RE
 Misc : 5.35g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2RE

Quant Time: May 28 07:57:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 28 10:34:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	67741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	109330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	75562	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	25617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	30197	42.321	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.640%
35) Dibromofluoromethane	7.628	113	30872	48.217	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.440%
50) Toluene-d8	10.103	98	122386	46.889	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.780%
62) 4-Bromofluorobenzene	12.408	95	27180	34.426	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	68.860%

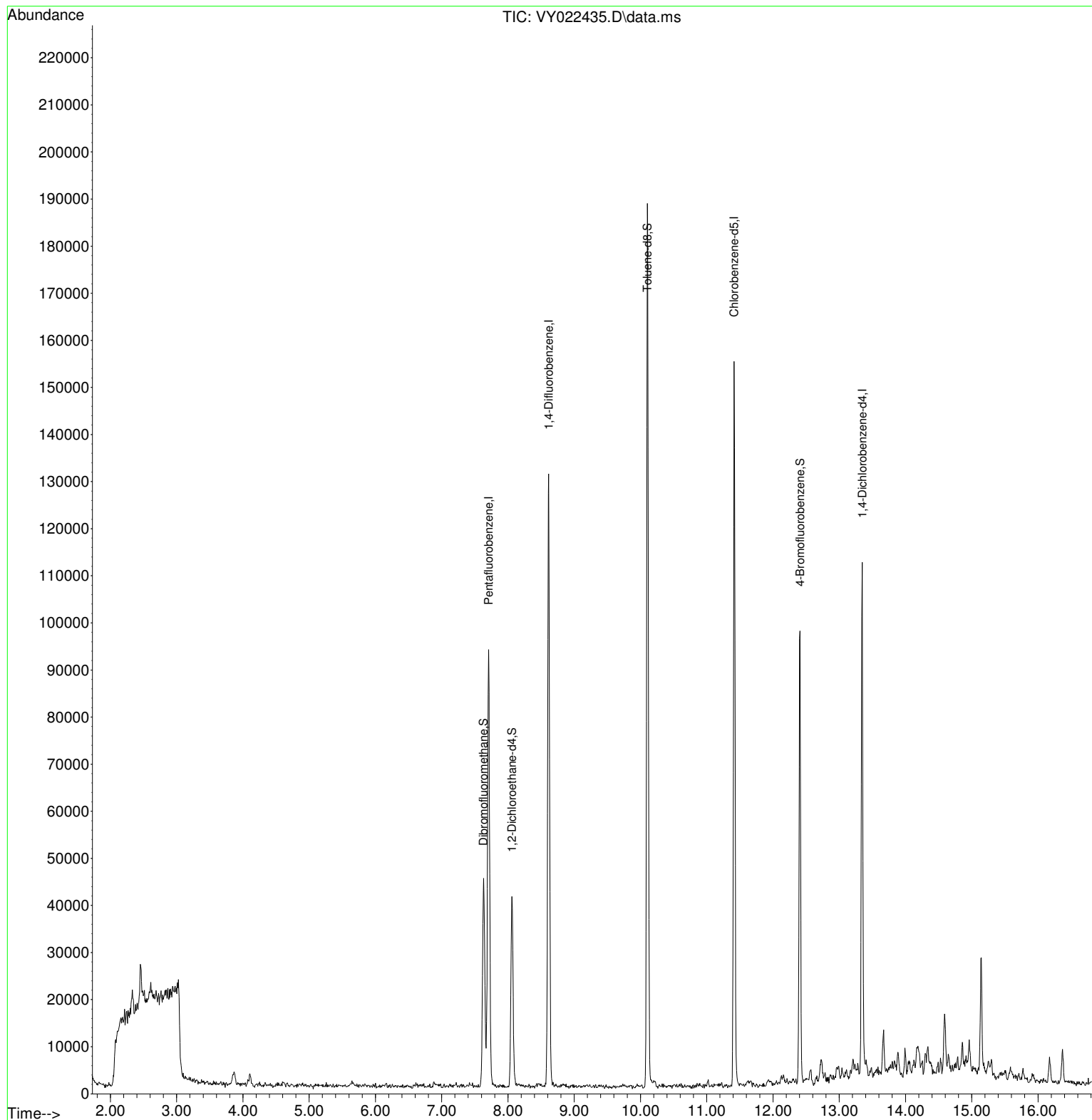
Target Compounds	Qvalue

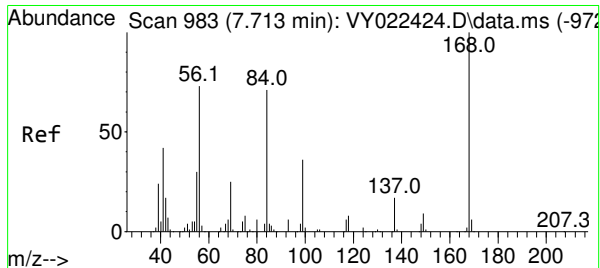
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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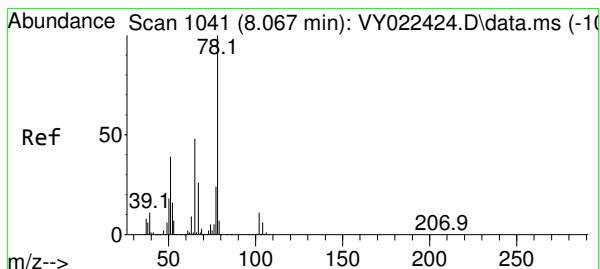
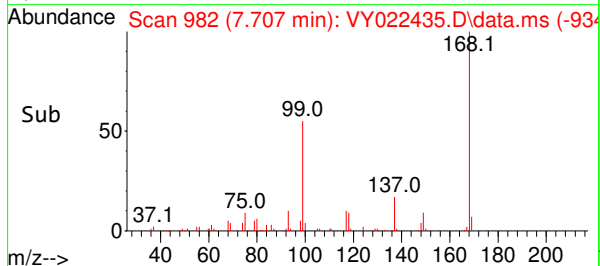
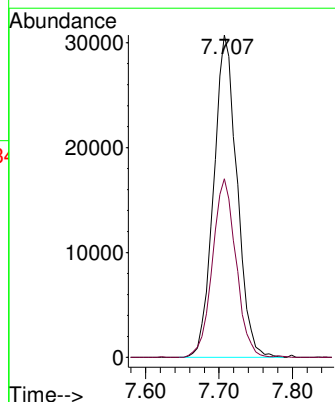
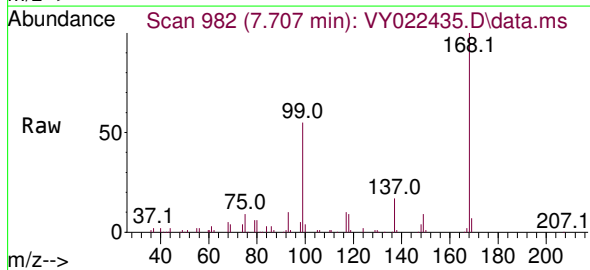




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022435.D
Acq: 27 May 2025 15:38

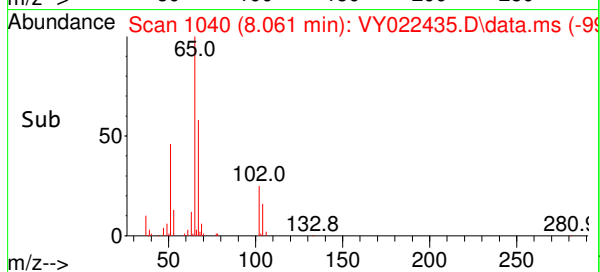
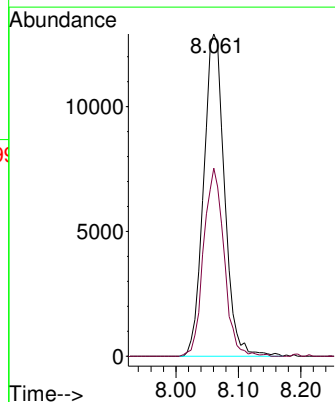
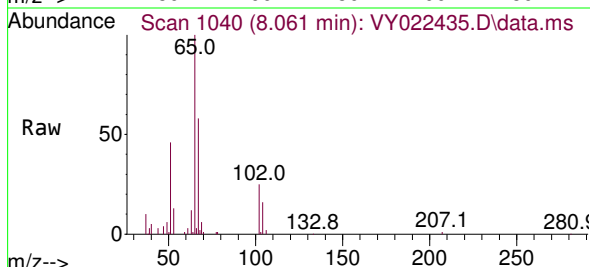
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2RE

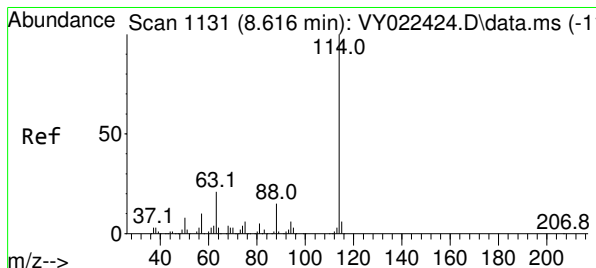
Tgt Ion:168 Resp: 67741
Ion Ratio Lower Upper
168 100
99 55.4 44.7 67.1



#33
1,2-Dichloroethane-d4
Concen: 42.321 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022435.D
Acq: 27 May 2025 15:38

Tgt Ion: 65 Resp: 30197
Ion Ratio Lower Upper
65 100
67 57.0 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022435.D

Acq: 27 May 2025 15:38

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2RE

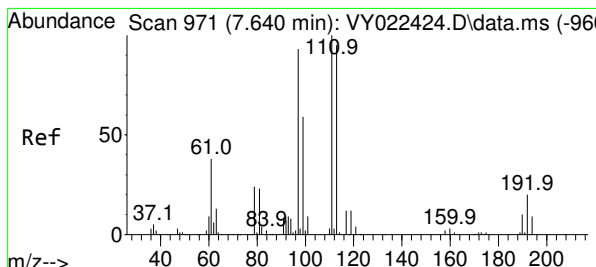
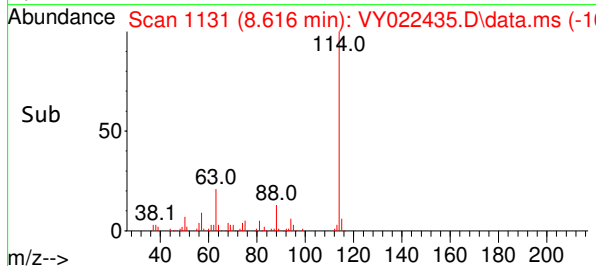
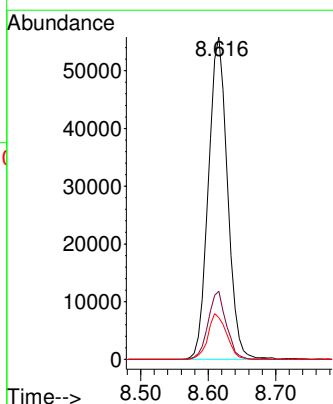
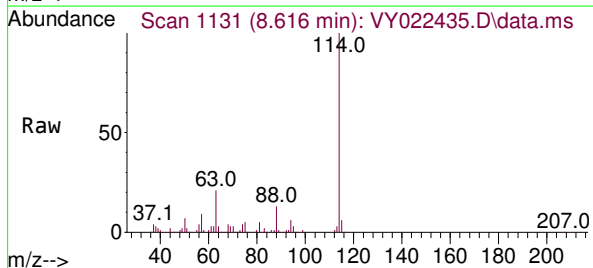
Tgt Ion:114 Resp: 109330

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.6

88 12.9 0.0 29.4



#35

Dibromofluoromethane

Concen: 48.217 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.012 min

Lab File: VY022435.D

Acq: 27 May 2025 15:38

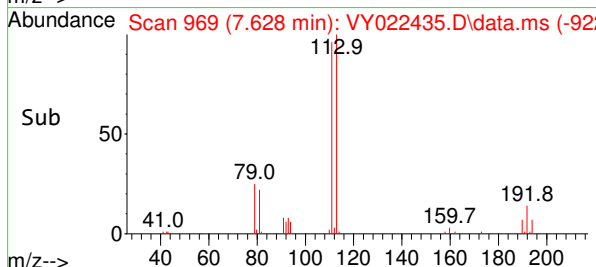
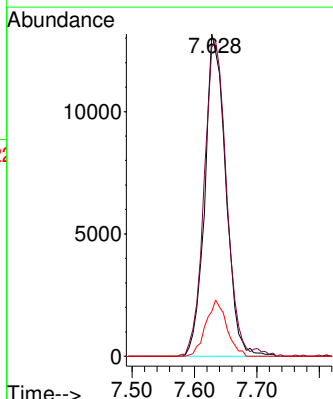
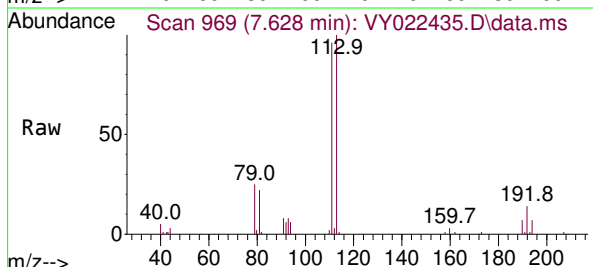
Tgt Ion:113 Resp: 30872

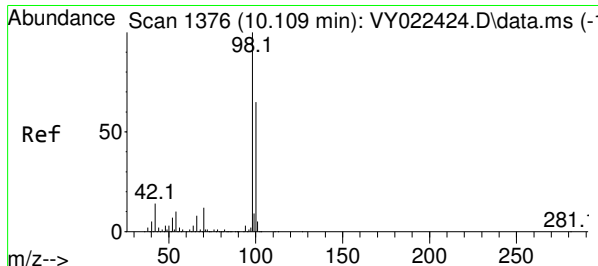
Ion Ratio Lower Upper

113 100

111 103.6 82.4 123.6

192 17.3 15.2 22.8

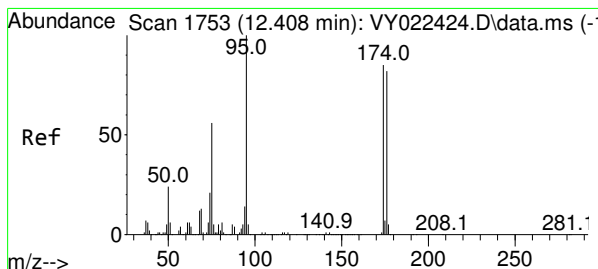
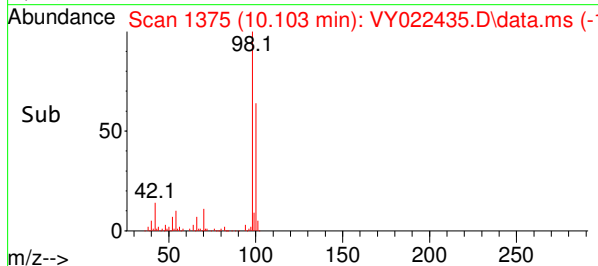
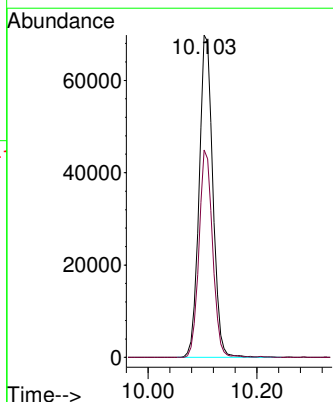
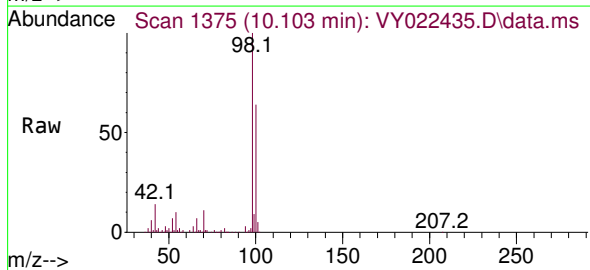




#50
Toluene-d8
Concen: 46.889 ug/l
RT: 10.103 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022435.D
Acq: 27 May 2025 15:38

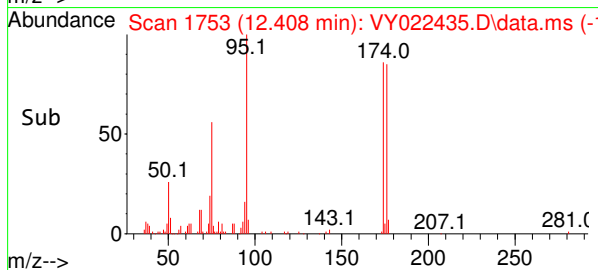
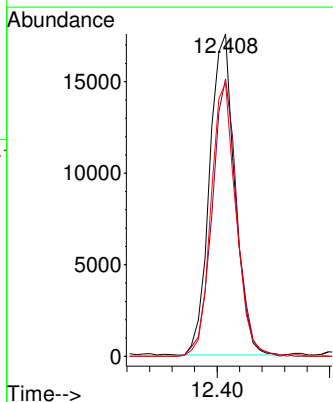
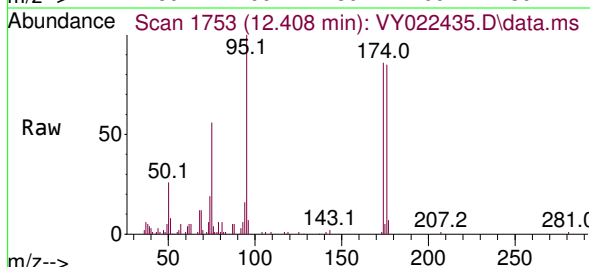
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2RE

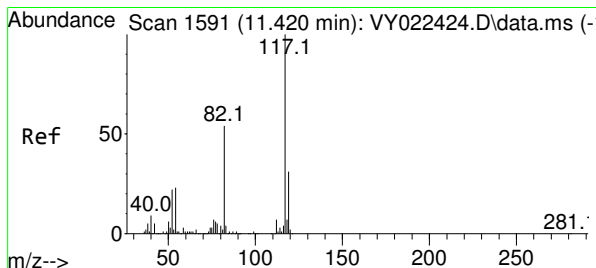
Tgt Ion: 98 Resp: 122386
Ion Ratio Lower Upper
98 100
100 63.9 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 34.426 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022435.D
Acq: 27 May 2025 15:38

Tgt Ion: 95 Resp: 27180
Ion Ratio Lower Upper
95 100
174 86.0 0.0 171.6
176 84.3 0.0 164.6

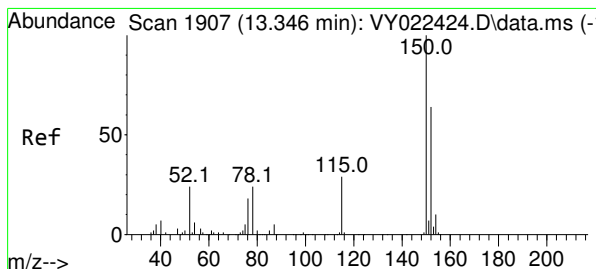
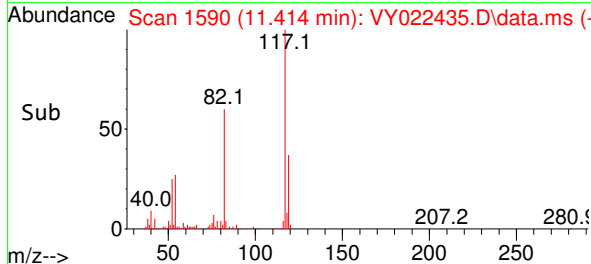
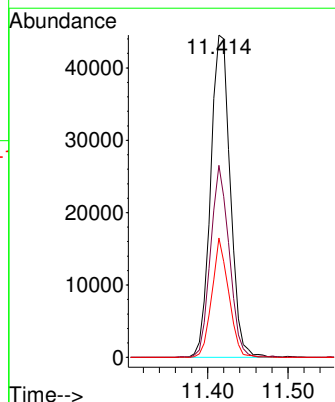
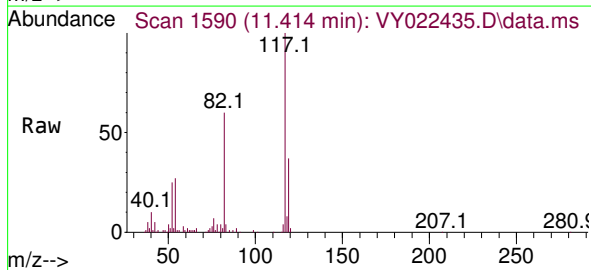




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022435.D
Acq: 27 May 2025 15:38

Instrument :
MSVOA_Y
ClientSampleId :
COMP-2RE

Tgt Ion:	117	Resp:	75562
Ion	Ratio	Lower	Upper
117	100		
82	59.6	43.3	64.9
119	37.0	24.5	36.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY022435.D
Acq: 27 May 2025 15:38

Tgt Ion:	152	Resp:	25617
Ion	Ratio	Lower	Upper
152	100		
115	57.7	28.4	85.3
150	153.5	0.0	345.8

