

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012725\
 Data File : VY020940.D
 Acq On : 27 Jan 2025 11:20
 Operator : SY/MD
 Sample : Q1183-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-237

Quant Time: Jan 28 01:11:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012425S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 25 01:12:18 2025
 Response via : Initial Calibration

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

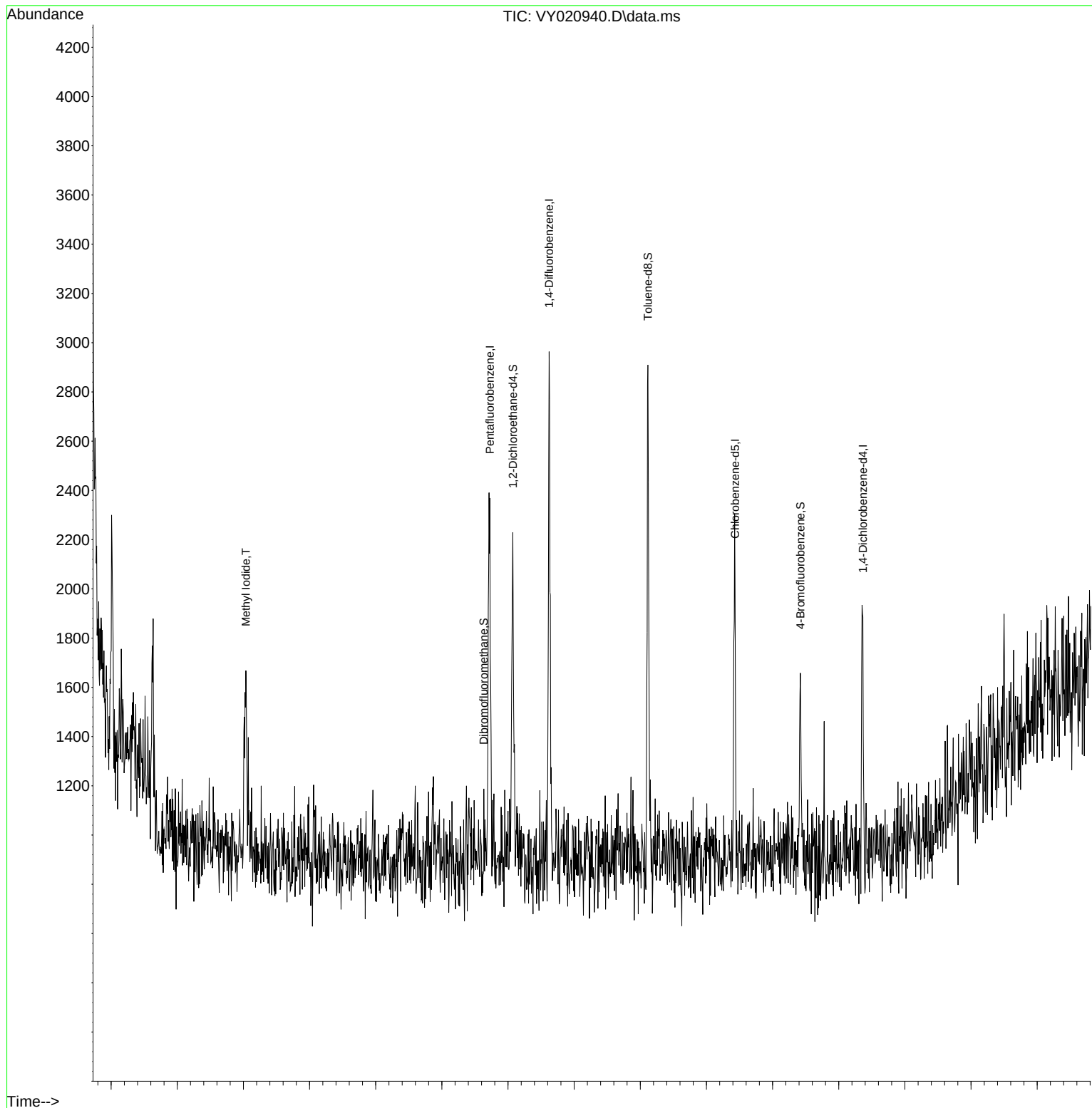
Internal Standards						
1) Pentafluorobenzene	7.726	168	1647	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	2531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.432	117	950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.365	152	414	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	1149	87.499	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	175.000%#
35) Dibromofluoromethane	7.634	113	40	2.753	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	5.500%#
50) Toluene-d8	10.115	98	1767	31.352	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	62.700%
62) 4-Bromofluorobenzene	12.420	95	341	18.180	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	36.360%
Target Compounds						
10) Methyl Iodide	4.037	142	1241	73.558	ug/l	# 92

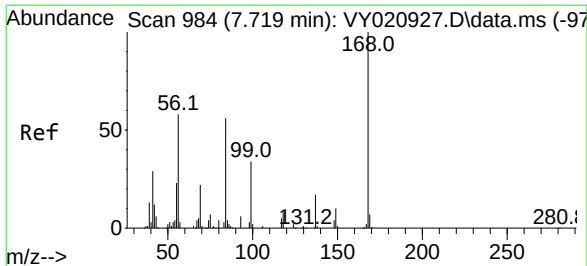
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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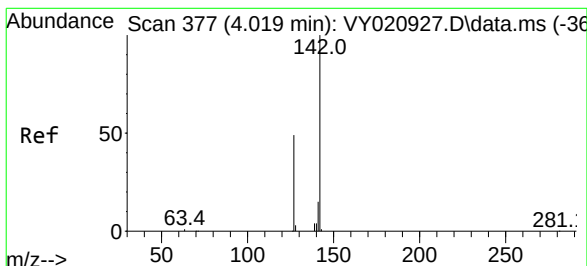
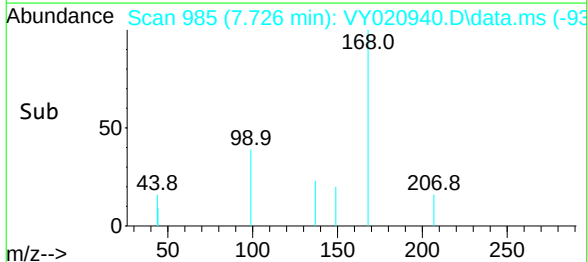
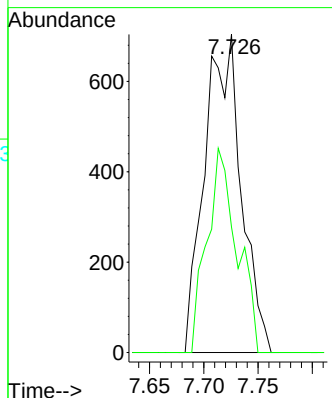
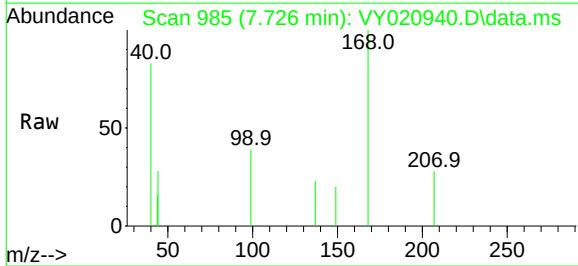




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020940.D
Acq: 27 Jan 2025 11:20

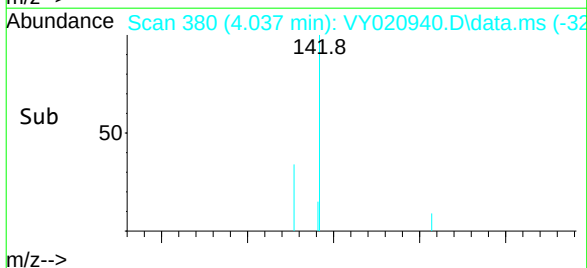
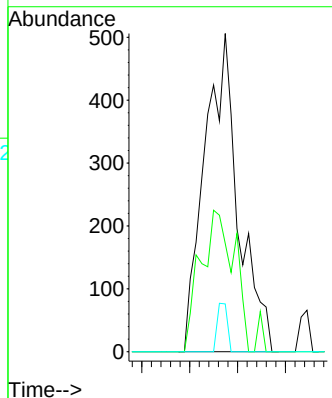
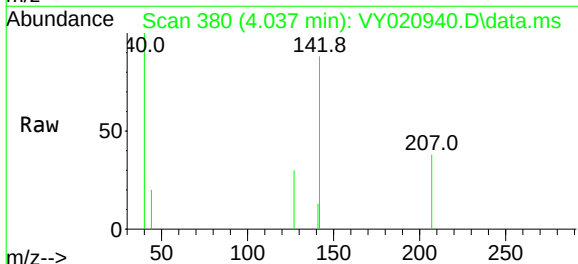
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-237

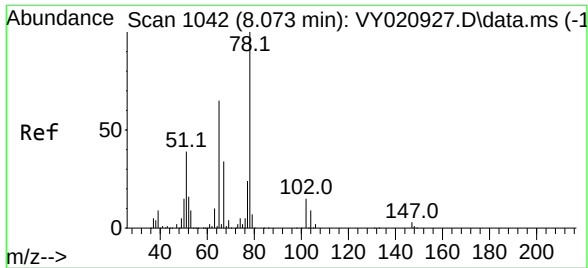
Tgt Ion:168 Resp: 1647
Ion Ratio Lower Upper
168 100
99 39.5 43.0 64.6#



#10
Methyl Iodide
Concen: 73.558 ug/l
RT: 4.037 min Scan# 380
Delta R.T. 0.018 min
Lab File: VY020940.D
Acq: 27 Jan 2025 11:20

Tgt Ion:142 Resp: 1241
Ion Ratio Lower Upper
142 100
127 44.2 37.3 55.9
141 4.5 11.4 17.2#

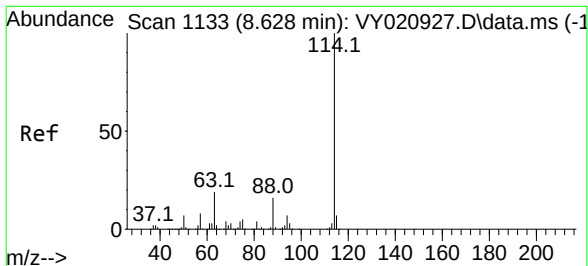
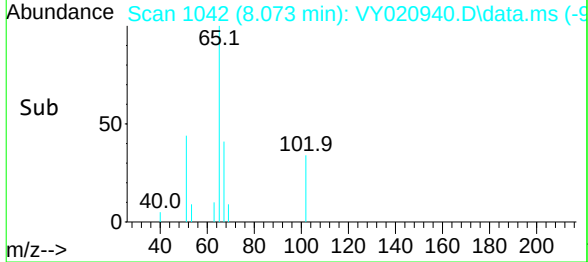
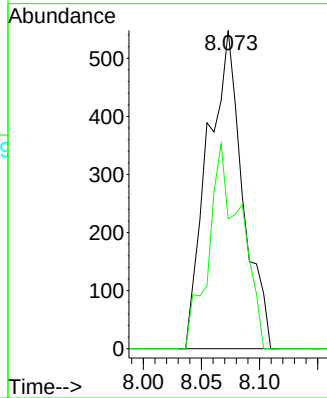
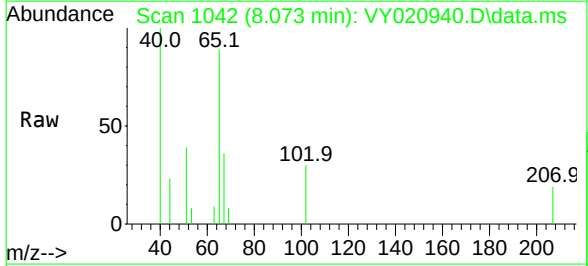




#33
1,2-Dichloroethane-d4
Concen: 87.499 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY020940.D
Acq: 27 Jan 2025 11:20

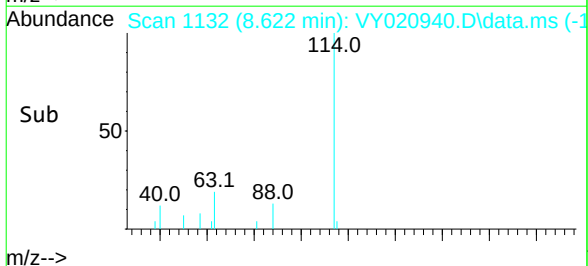
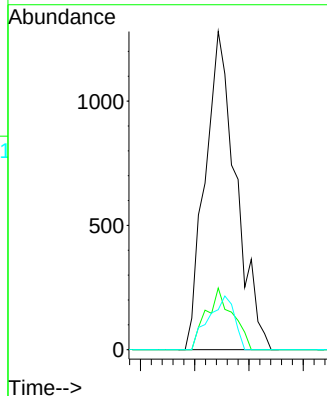
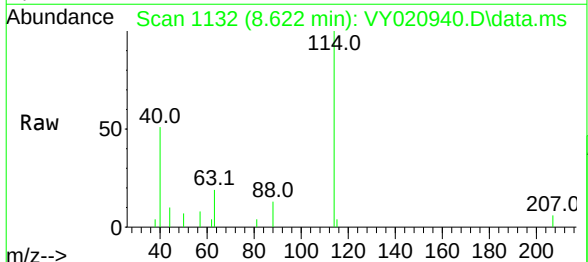
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-237

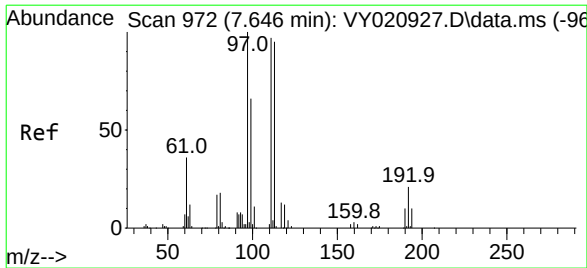
Tgt Ion: 65 Resp: 1149
Ion Ratio Lower Upper
65 100
67 59.4 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY020940.D
Acq: 27 Jan 2025 11:20

Tgt Ion: 114 Resp: 2531
Ion Ratio Lower Upper
114 100
63 19.4 0.0 38.4
88 12.6 0.0 31.6

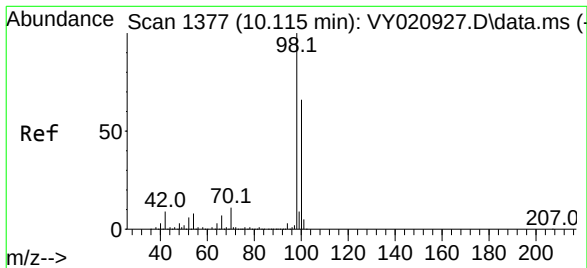
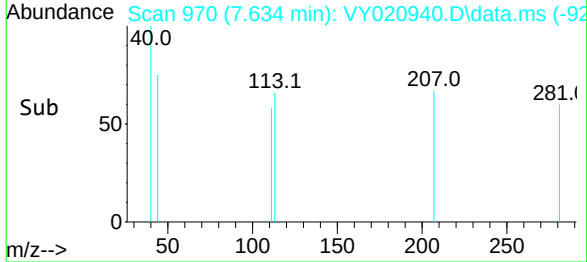
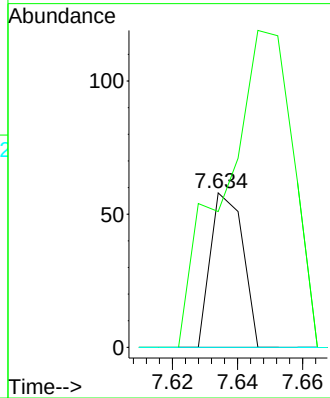
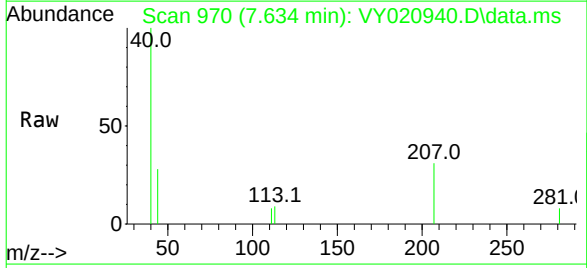




#35
Dibromofluoromethane
Concen: 2.753 ug/l
RT: 7.634 min Scan# 97
Delta R.T. -0.012 min
Lab File: VY020940.D
Acq: 27 Jan 2025 11:20

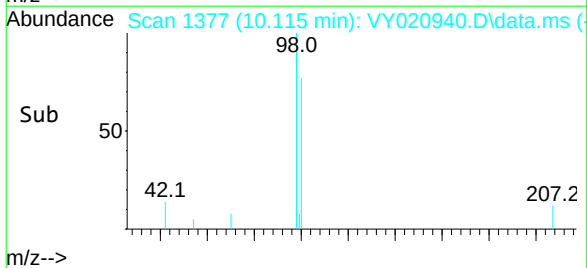
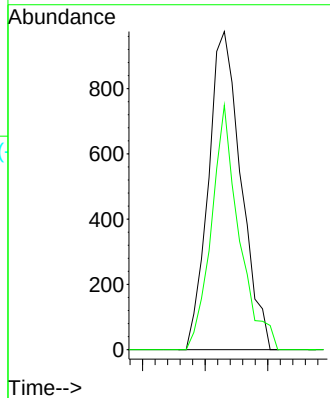
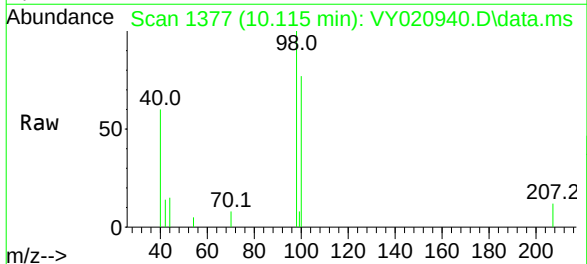
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-237

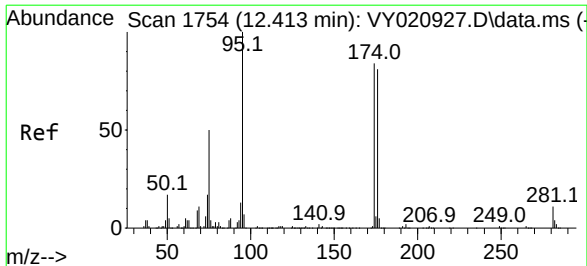
Tgt Ion:113 Resp: 40
Ion Ratio Lower Upper
113 100
111 432.5 82.3 123.5#
192 0.0 17.4 26.2#



#50
Toluene-d8
Concen: 31.352 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VY020940.D
Acq: 27 Jan 2025 11:20

Tgt Ion: 98 Resp: 1767
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 18.180 ug/l

RT: 12.420 min Scan# 1755

Delta R.T. 0.006 min

Lab File: VY020940.D

Acq: 27 Jan 2025 11:20

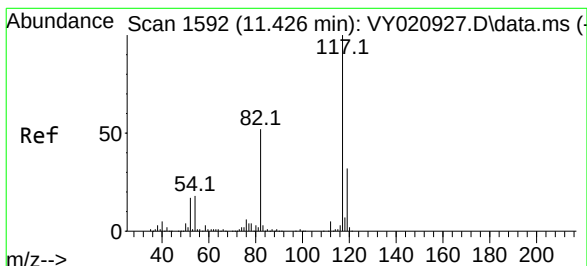
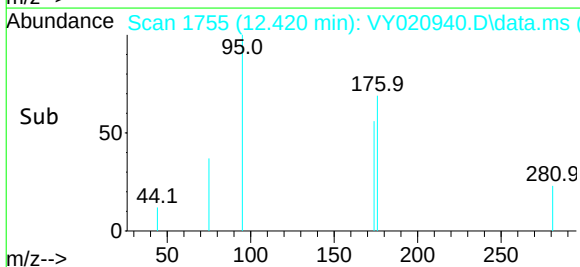
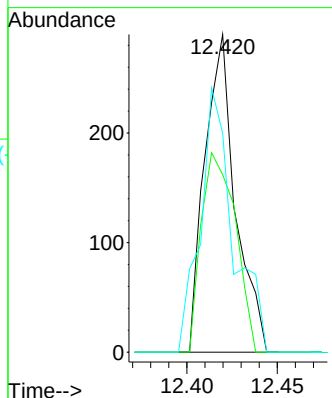
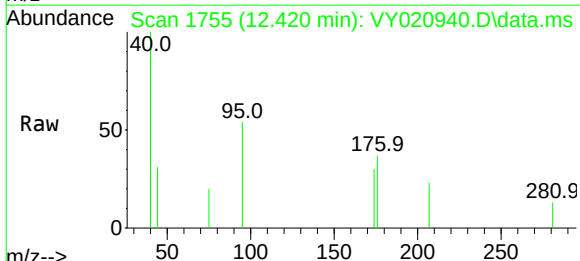
Instrument :

MSVOA_Y

ClientSampleId :

VNJ-237

Tgt Ion:	95	Resp:	341
Ion	Ratio	Lower	Upper
95	100		
174	70.1	0.0	177.4
176	89.4	0.0	172.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

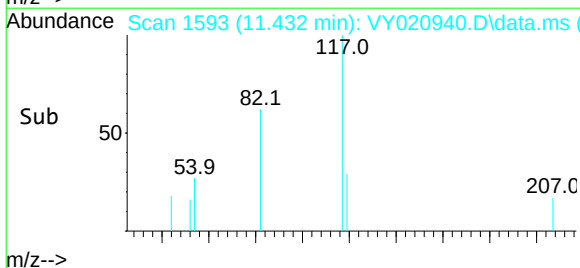
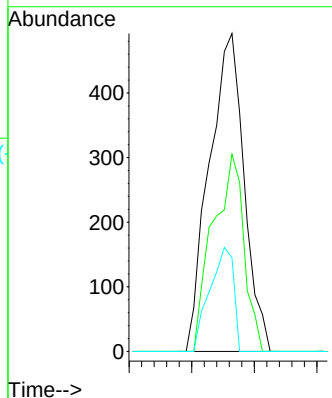
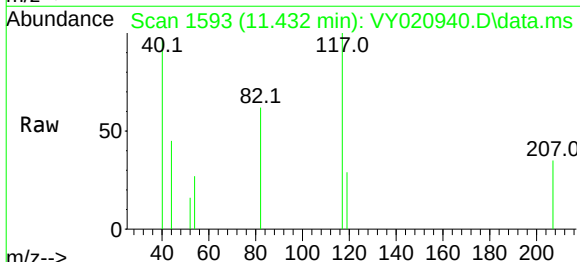
RT: 11.432 min Scan# 1593

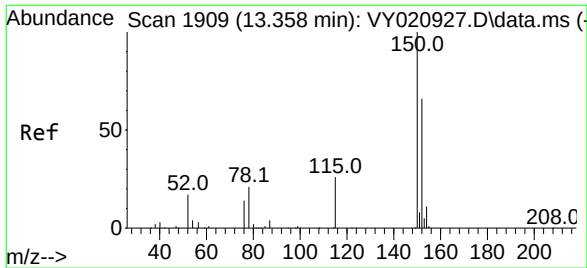
Delta R.T. 0.006 min

Lab File: VY020940.D

Acq: 27 Jan 2025 11:20

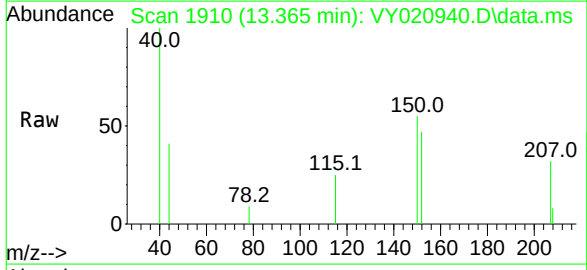
Tgt Ion:	117	Resp:	950
Ion	Ratio	Lower	Upper
117	100		
82	62.0	41.8	62.8
119	29.5	26.0	39.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.365 min Scan# 19
 Delta R.T. 0.006 min
 Lab File: VY020940.D
 Acq: 27 Jan 2025 11:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-237



Tgt Ion:	152	Resp:	414
Ion	Ratio	Lower	Upper
152	100		
115	64.7	29.0	87.0
150	157.7	0.0	347.6

