

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012725\
 Data File : VY020942.D
 Acq On : 27 Jan 2025 12:16
 Operator : SY/MD
 Sample : Q1183-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-237

Quant Time: Jan 28 01:12:04 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)

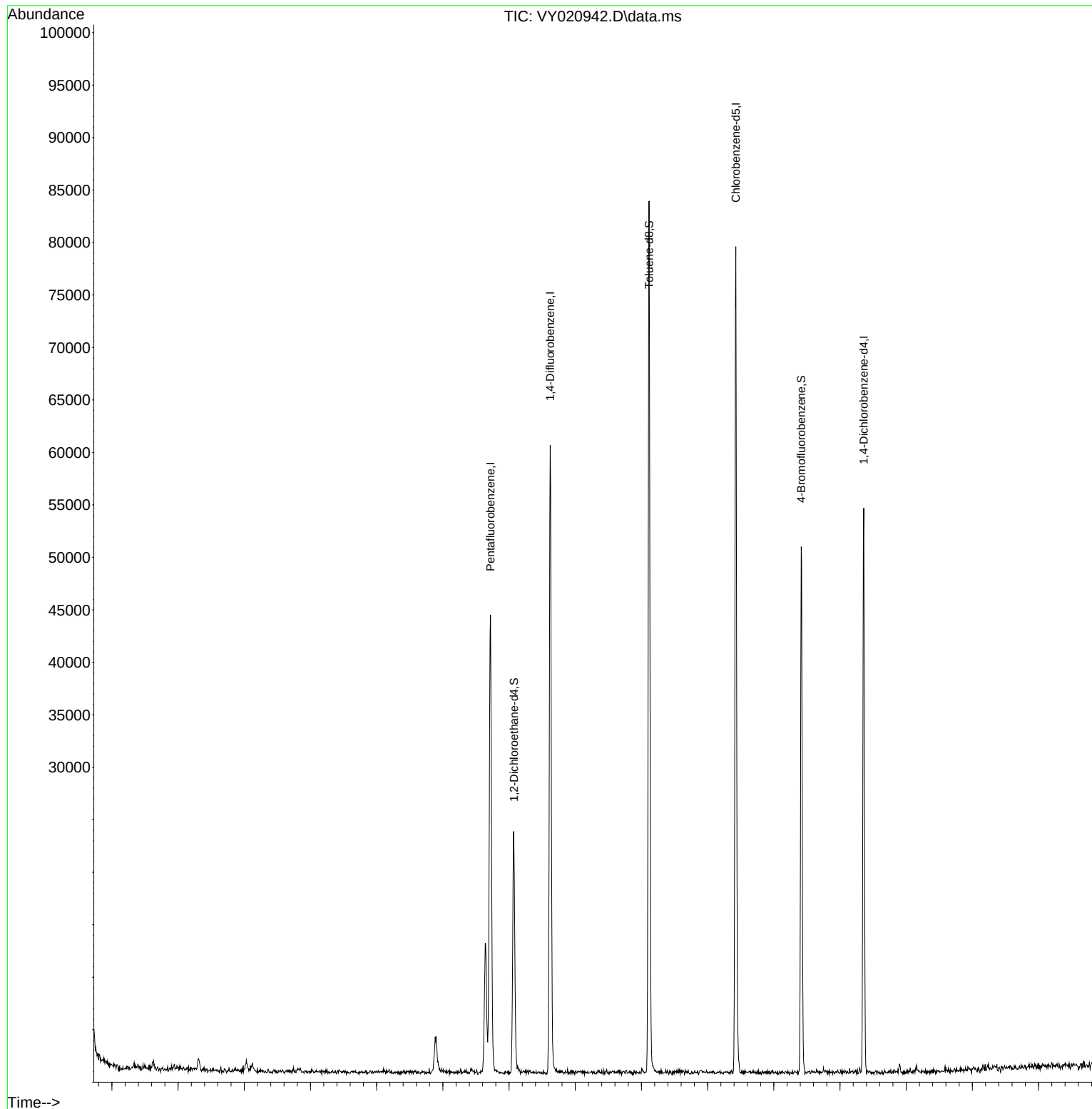
Internal Standards						
1) Pentafluorobenzene	7.719	168	36787	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	54451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	46680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	15056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	18373	62.641	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.280%
35) Dibromofluoromethane	7.640	113	9228	29.521	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	59.040%
50) Toluene-d8	10.115	98	57974	47.814	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.620%
62) 4-Bromofluorobenzene	12.414	95	16713	41.417	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	82.840%
Target Compounds						
					Qvalue	
5) Bromomethane	2.617	94	485	3.175	ug/l	94
10) Methyl Iodide	4.025	142	1560	4.140	ug/l #	98

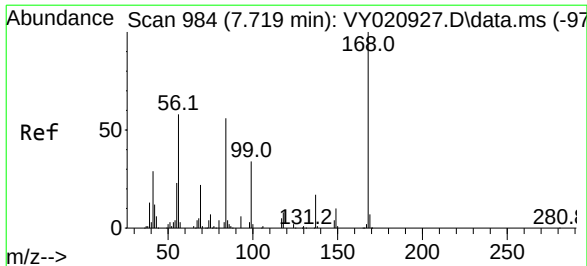
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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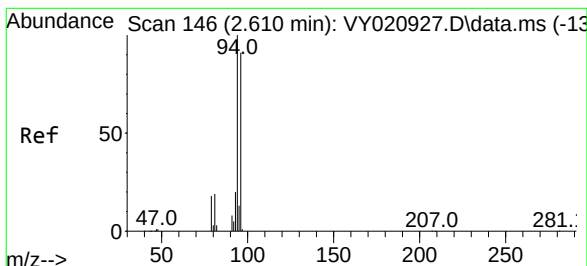
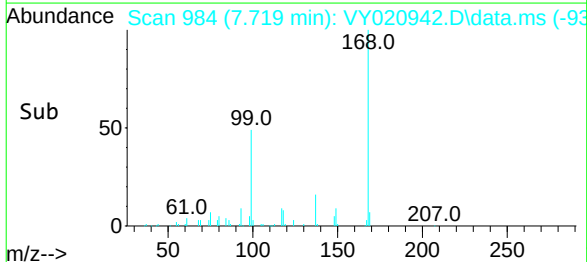
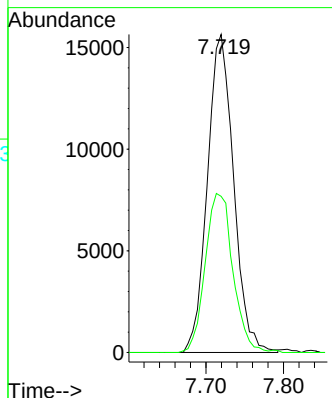
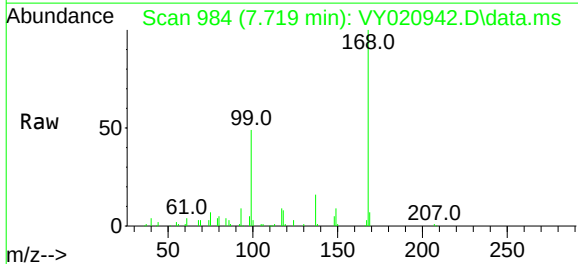




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020942.D
Acq: 27 Jan 2025 12:16

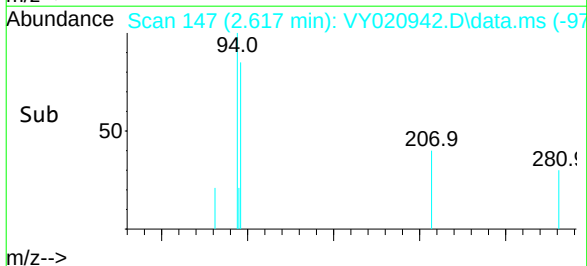
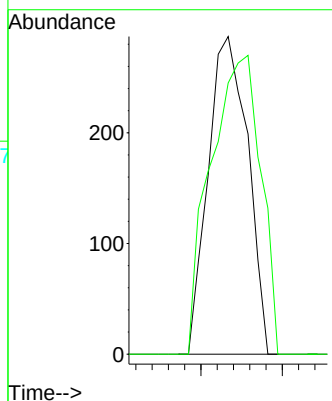
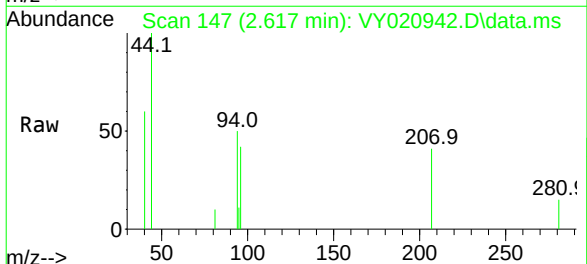
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-237

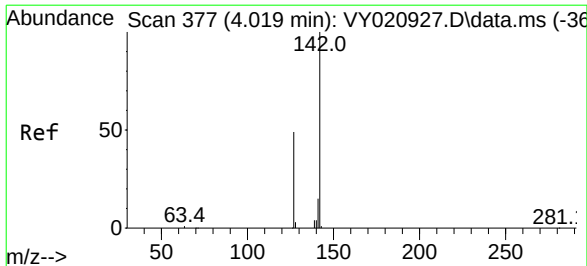
Tgt Ion: 168 Resp: 36787
Ion Ratio Lower Upper
168 100
99 49.1 43.0 64.6



#5
Bromomethane
Concen: 3.175 ug/l
RT: 2.617 min Scan# 147
Delta R.T. 0.006 min
Lab File: VY020942.D
Acq: 27 Jan 2025 12:16

Tgt Ion: 94 Resp: 485
Ion Ratio Lower Upper
94 100
96 85.4 72.6 109.0





#10

Methyl Iodide

Concen: 4.140 ug/l

RT: 4.025 min Scan# 37

Delta R.T. 0.006 min

Lab File: VY020942.D

Acq: 27 Jan 2025 12:16

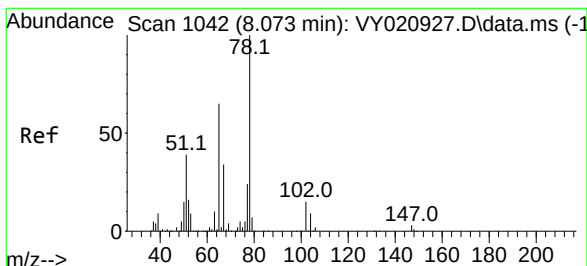
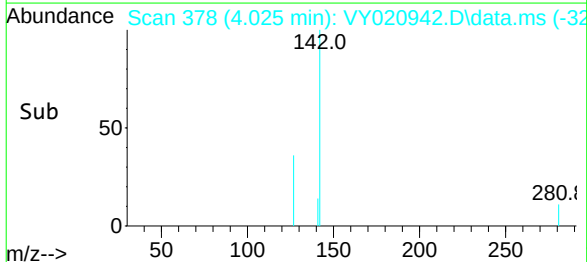
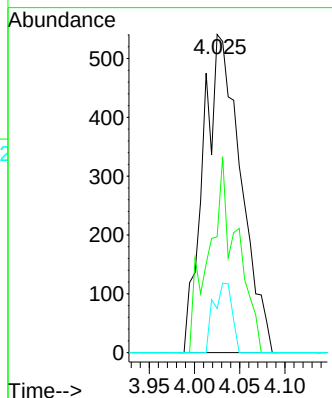
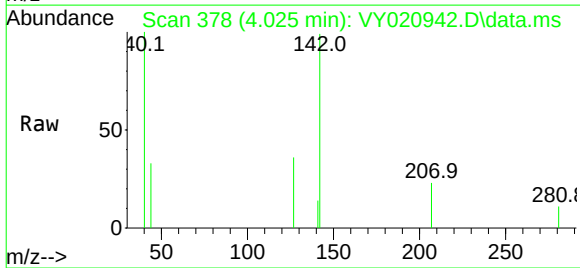
Instrument :

MSVOA_Y

ClientSampleId :

VNJ-237

Tgt Ion:	142	Resp:	1560
Ion	Ratio	Lower	Upper
142	100		
127	46.7	37.3	55.9
141	10.6	11.4	17.2



#33

1,2-Dichloroethane-d4

Concen: 62.641 ug/l

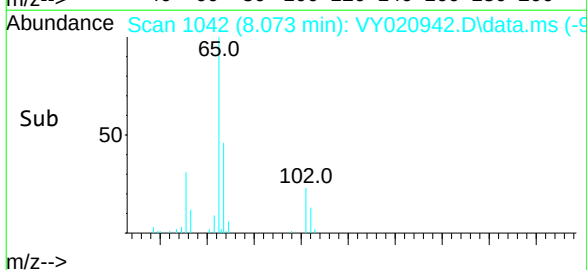
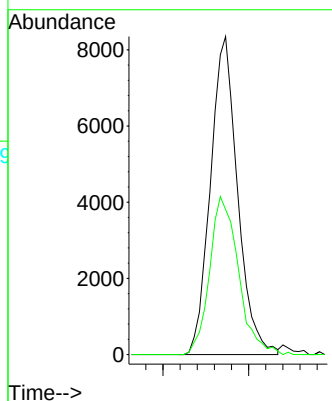
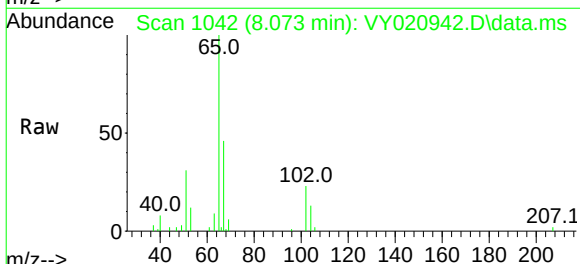
RT: 8.073 min Scan# 1042

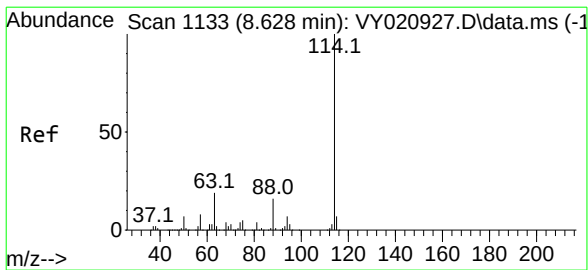
Delta R.T. 0.000 min

Lab File: VY020942.D

Acq: 27 Jan 2025 12:16

Tgt Ion:	65	Resp:	18373
Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	105.8

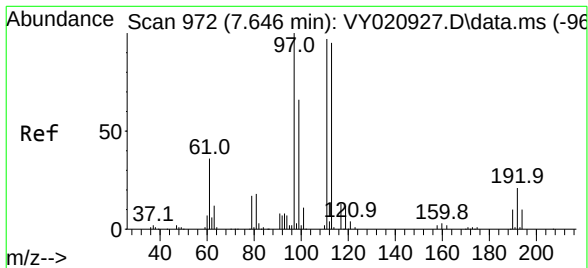
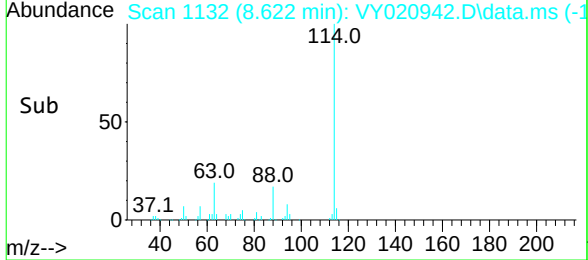
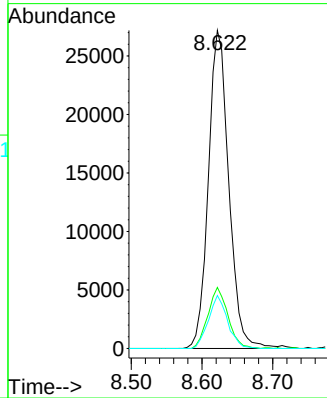
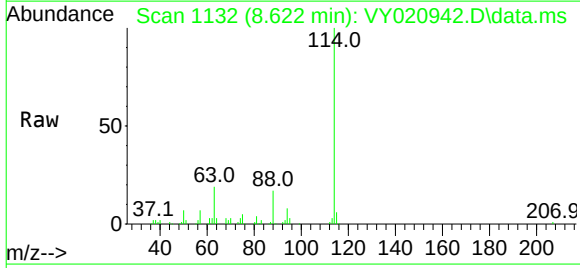




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020942.D
Acq: 27 Jan 2025 12:16

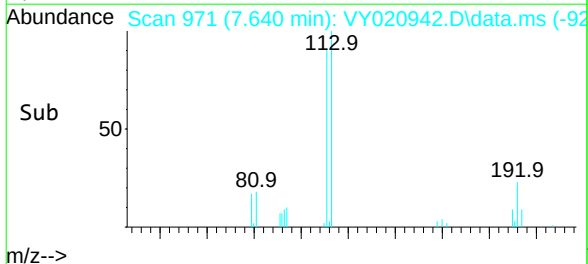
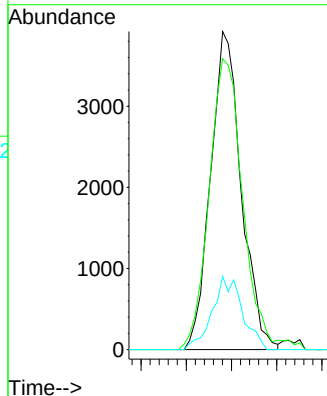
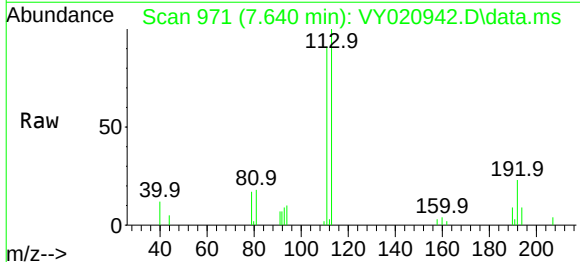
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-237

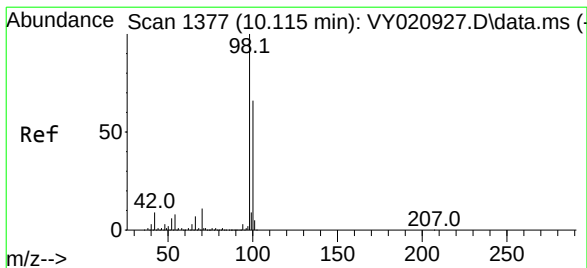
Tgt Ion:	114	Resp:	54451
Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.4
88	16.6	0.0	31.6



#35
Dibromofluoromethane
Concen: 29.521 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.006 min
Lab File: VY020942.D
Acq: 27 Jan 2025 12:16

Tgt Ion:	113	Resp:	9228
Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.3	123.5
192	22.5	17.4	26.2





#50

Toluene-d8

Concen: 47.814 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VY020942.D

Acq: 27 Jan 2025 12:16

Instrument :

MSVOA_Y

ClientSampleId :

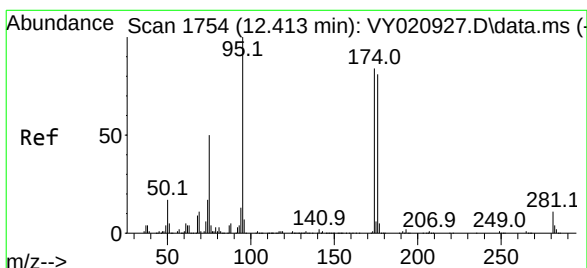
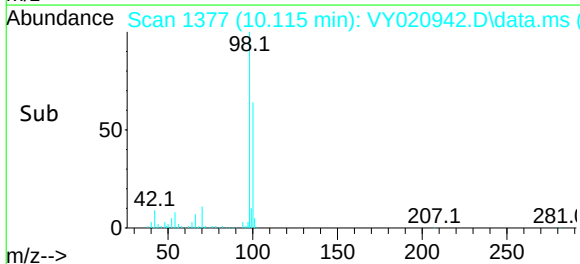
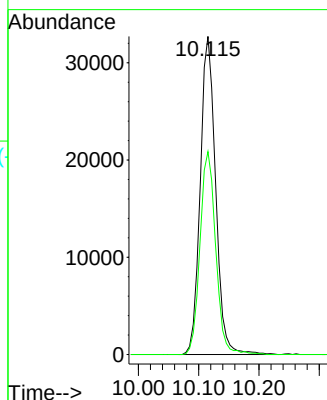
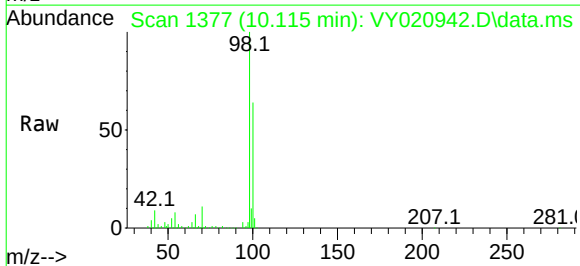
VNJ-237

Tgt Ion: 98 Resp: 57974

Ion Ratio Lower Upper

98 100

100 65.1 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 41.417 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.000 min

Lab File: VY020942.D

Acq: 27 Jan 2025 12:16

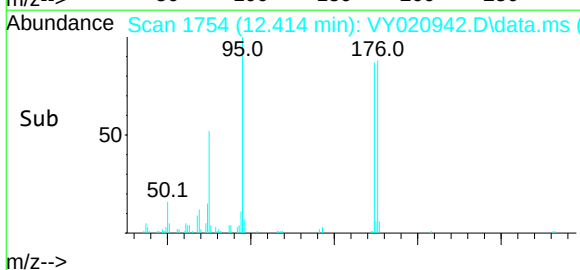
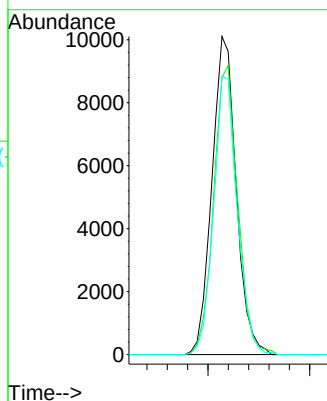
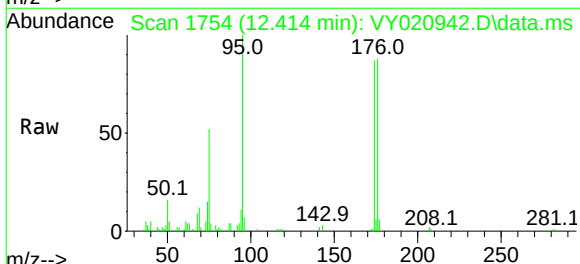
Tgt Ion: 95 Resp: 16713

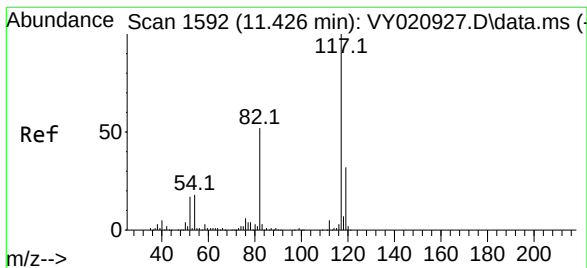
Ion Ratio Lower Upper

95 100

174 90.1 0.0 177.4

176 85.2 0.0 172.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1592

Delta R.T. 0.000 min

Lab File: VY020942.D

Acq: 27 Jan 2025 12:16

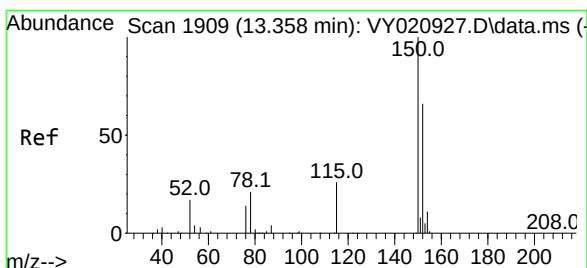
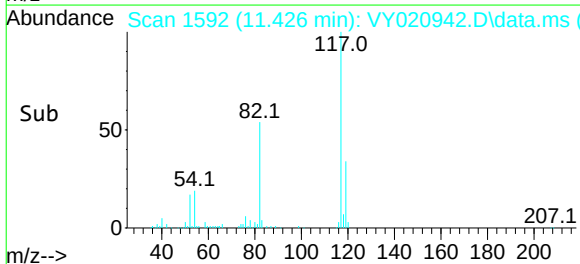
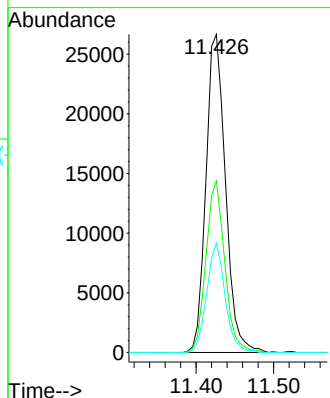
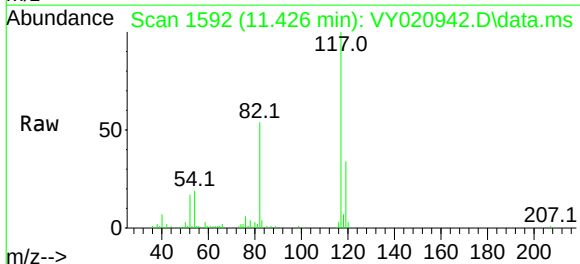
Instrument :

MSVOA_Y

ClientSampleId :

VNJ-237

Tgt Ion:	117	Resp:	46680
Ion	Ratio	Lower	Upper
117	100		
82	53.9	41.8	62.8
119	34.4	26.0	39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.000 min

Lab File: VY020942.D

Acq: 27 Jan 2025 12:16

Tgt Ion:	152	Resp:	15056
Ion	Ratio	Lower	Upper
152	100		
115	58.2	29.0	87.0
150	155.9	0.0	347.6

