

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030525\
 Data File : VL042112.D
 Acq On : 05 Mar 2025 19:37
 Operator : SY/MD
 Sample : Q1483-04 1200X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

Quant Time: Mar 06 01:12:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 26 01:08:36 2025
 Response via : Initial Calibration

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

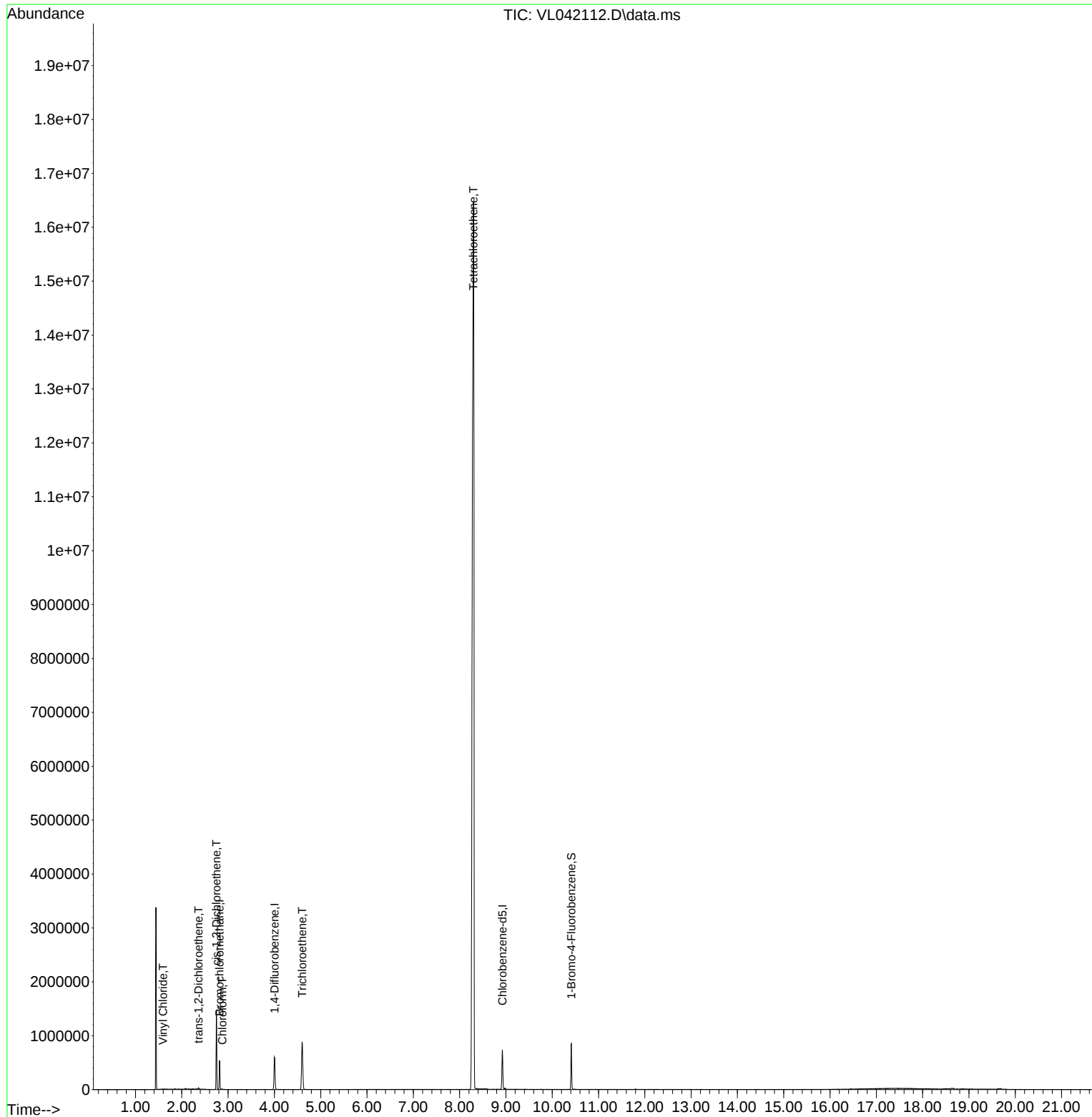
Internal Standards						
1) Bromochloromethane	2.816	49	159533	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	4.004	114	343542	10.000	ppbv	0.03
55) Chlorobenzene-d5	8.924	117	288034	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.413	95	204044	9.208	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.100%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	1.593	62	721	0.124	ppbv #	88
22) trans-1,2-Dichloroethene	2.363	96	3442	0.493	ppbv	90
29) Chloroform	2.878	83	3452	0.113	ppbv	97
31) cis-1,2-Dichloroethene	2.748	61	458160	21.229	ppbv	98
38) Trichloroethene	4.600	130	255971	17.430	ppbv	93
52) Tetrachloroethene	8.299	164	4861503	394.867	ppbv	91

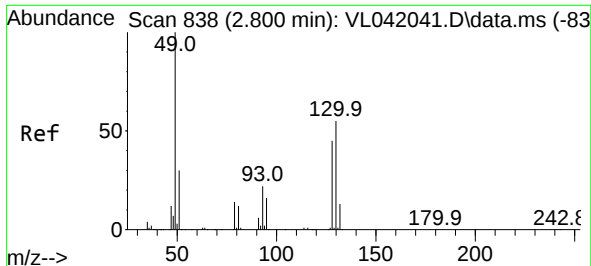
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030525\
Data File : VL042112.D
Acq On : 05 Mar 2025 19:37
Operator : SY/MD
Sample : Q1483-04 1200X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV2

Quant Time: Mar 06 01:12:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Wed Feb 26 01:08:36 2025
Response via : Initial Calibration

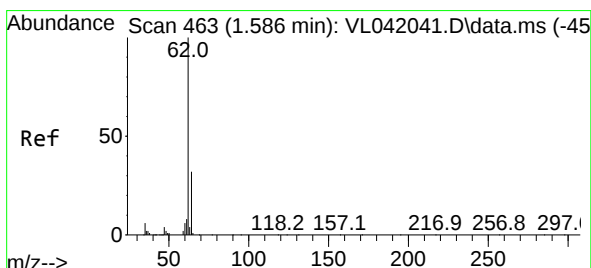
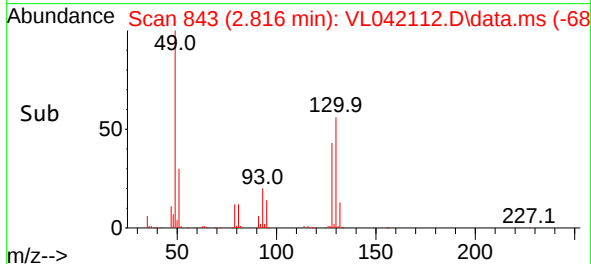
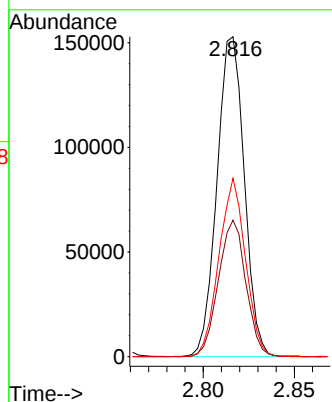
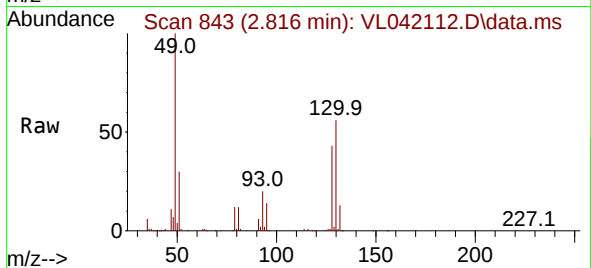




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.816 min Scan# 841
Delta R.T. 0.016 min
Lab File: VL042112.D
Acq: 05 Mar 2025 19:37

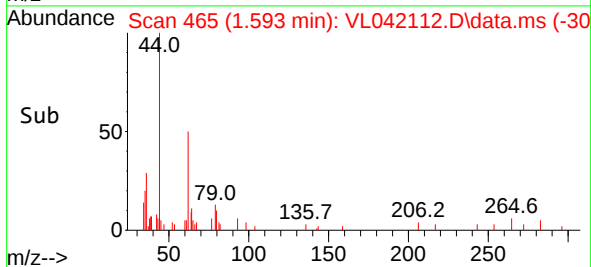
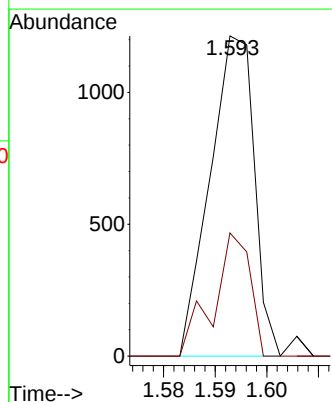
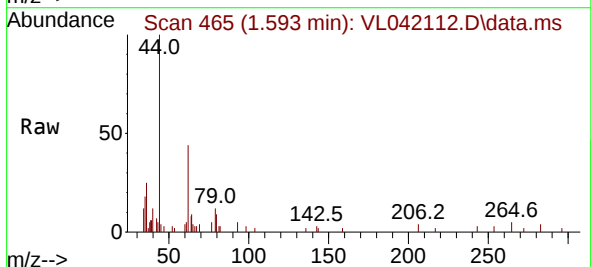
Instrument :
MSVOA_L
ClientSampleId :
SV2

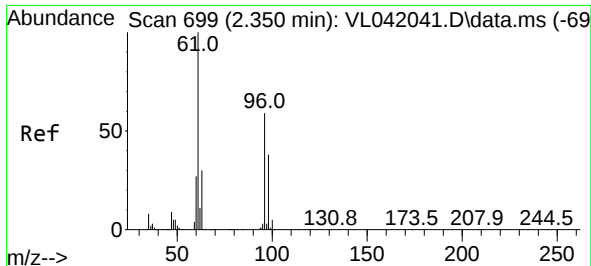
Tgt Ion: 49 Resp: 159533
Ion Ratio Lower Upper
49 100
128 42.9 21.6 64.8
130 54.2 27.8 83.4



#5
Vinyl Chloride
Concen: 0.124 ppbv
RT: 1.593 min Scan# 465
Delta R.T. 0.007 min
Lab File: VL042112.D
Acq: 05 Mar 2025 19:37

Tgt Ion: 62 Resp: 721
Ion Ratio Lower Upper
62 100
64 38.5 25.3 37.9#

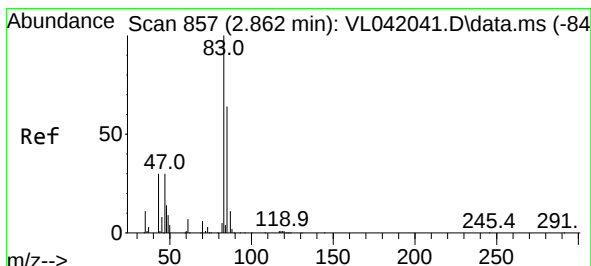
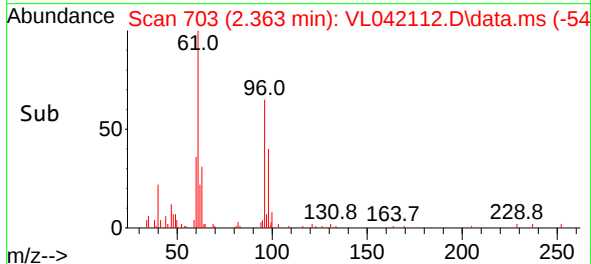
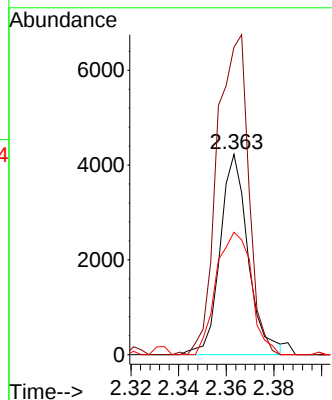
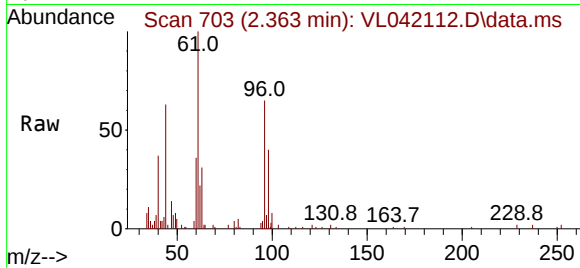




#22
trans-1,2-Dichloroethene
Concen: 0.493 ppbv
RT: 2.363 min Scan# 703
Delta R.T. 0.013 min
Lab File: VL042112.D
Acq: 05 Mar 2025 19:37

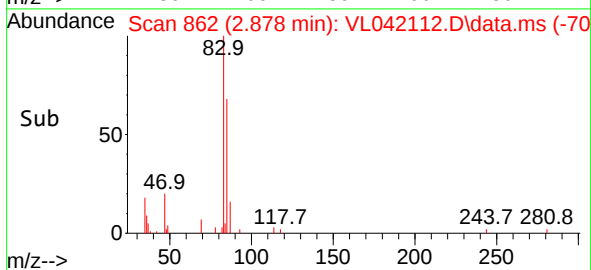
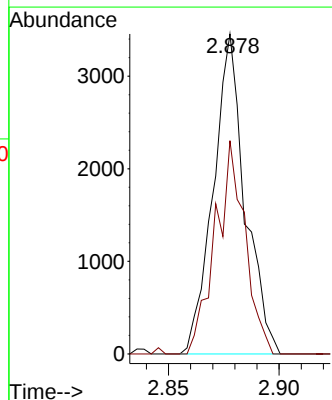
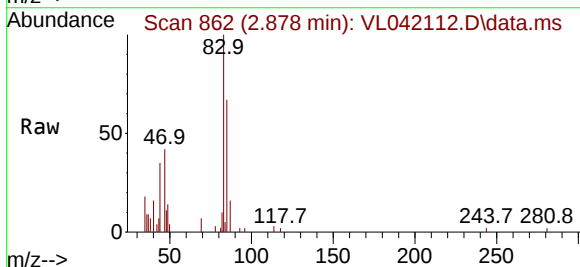
Instrument :
MSVOA_L
ClientSampleId :
SV2

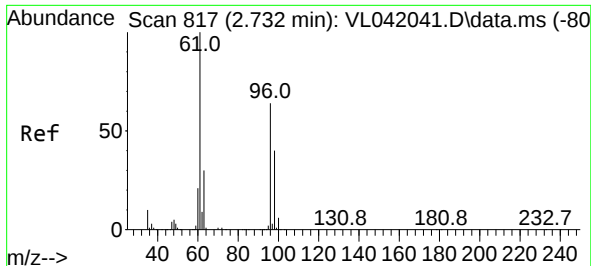
Tgt Ion: 96 Resp: 3442
Ion Ratio Lower Upper
96 100
61 153.5 136.6 205.0
98 61.1 51.8 77.6



#29
Chloroform
Concen: 0.113 ppbv
RT: 2.878 min Scan# 862
Delta R.T. 0.016 min
Lab File: VL042112.D
Acq: 05 Mar 2025 19:37

Tgt Ion: 83 Resp: 3452
Ion Ratio Lower Upper
83 100
85 66.7 51.2 76.8

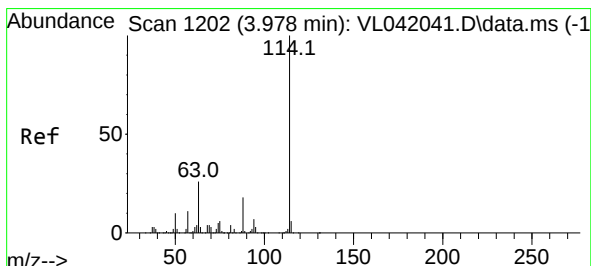
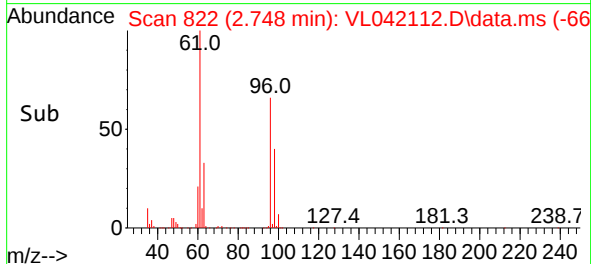
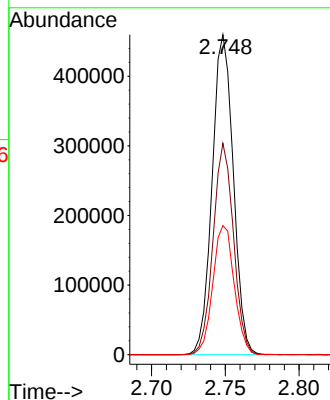
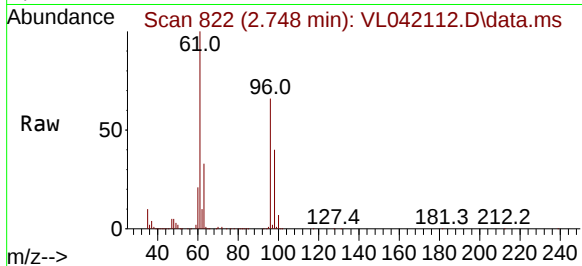




#31
 cis-1,2-Dichloroethene
 Concen: 21.229 ppbv
 RT: 2.748 min Scan# 81
 Delta R.T. 0.016 min
 Lab File: VL042112.D
 Acq: 05 Mar 2025 19:37

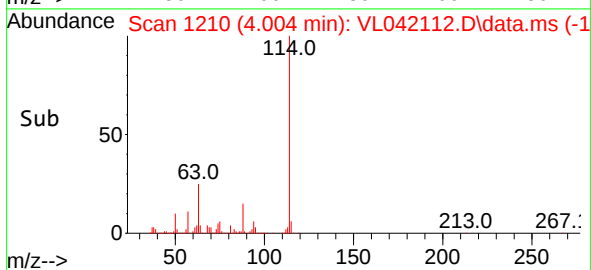
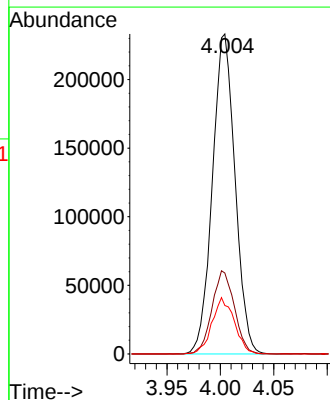
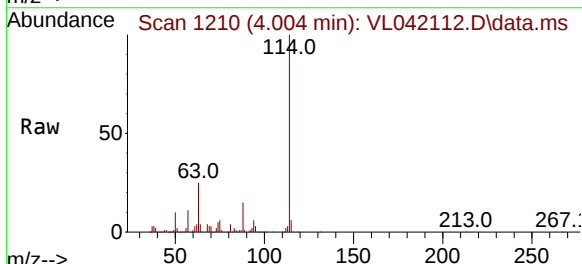
Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

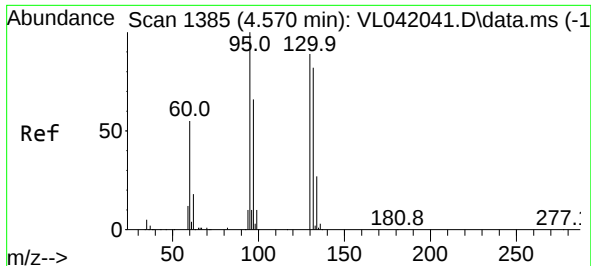
Tgt Ion: 61 Resp: 458160
 Ion Ratio Lower Upper
 61 100
 96 66.1 51.5 77.3
 98 40.4 32.0 48.0



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 4.004 min Scan# 1210
 Delta R.T. 0.026 min
 Lab File: VL042112.D
 Acq: 05 Mar 2025 19:37

Tgt Ion: 114 Resp: 343542
 Ion Ratio Lower Upper
 114 100
 63 25.8 20.1 30.1
 88 17.3 14.3 21.5

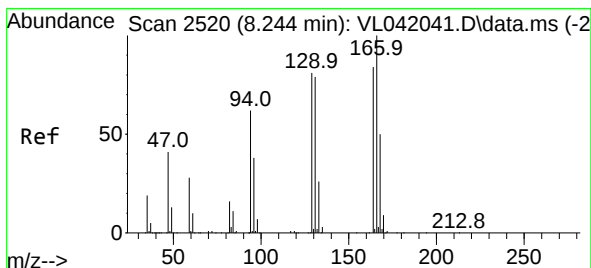
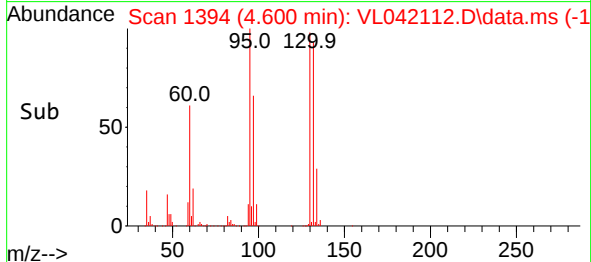
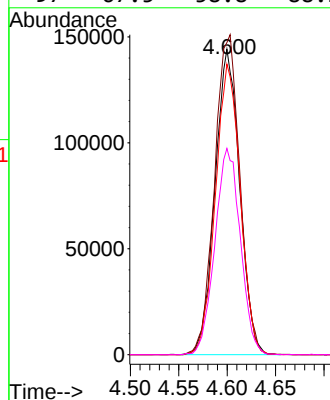
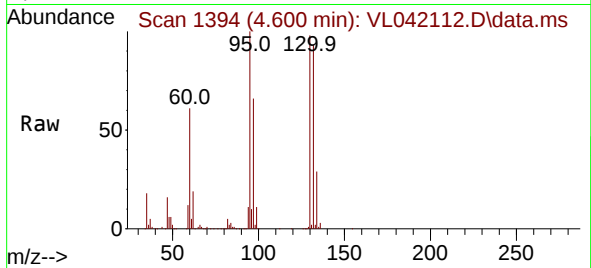




#38
 Trichloroethene
 Concen: 17.430 ppbv
 RT: 4.600 min Scan# 11
 Delta R.T. 0.029 min
 Lab File: VL042112.D
 Acq: 05 Mar 2025 19:37

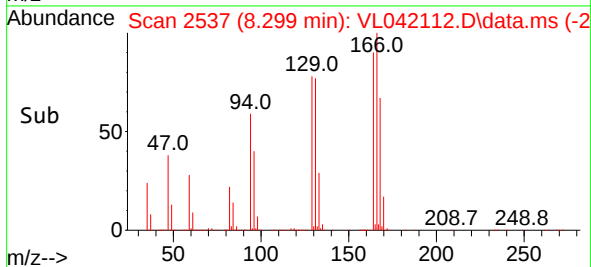
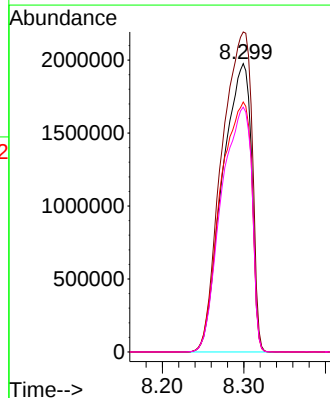
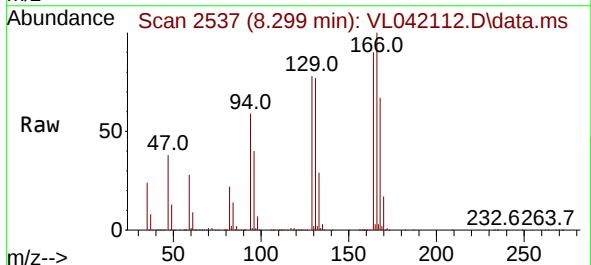
Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

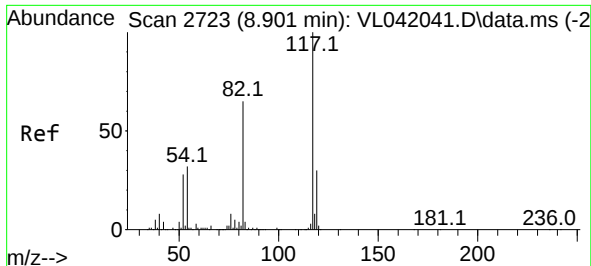
Tgt Ion:	130	Resp:	255971
Ion	Ratio	Lower	Upper
130	100		
95	102.2	89.5	134.3
132	95.1	73.8	110.6
97	67.5	58.8	88.2



#52
 Tetrachloroethene
 Concen: 394.867 ppbv
 RT: 8.299 min Scan# 2537
 Delta R.T. 0.055 min
 Lab File: VL042112.D
 Acq: 05 Mar 2025 19:37

Tgt Ion:	164	Resp:	4861503
Ion	Ratio	Lower	Upper
164	100		
166	111.0	95.7	143.5
129	86.7	77.1	115.7
131	84.9	76.0	114.0

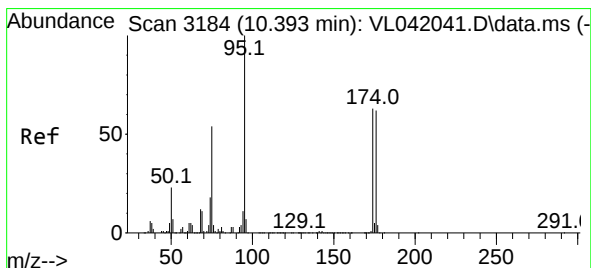
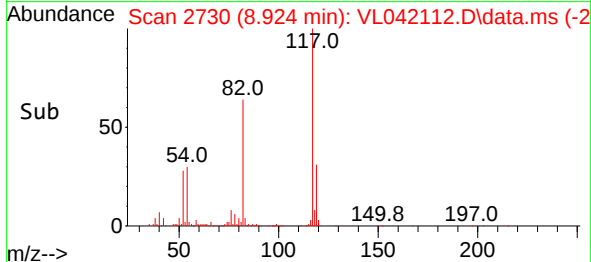
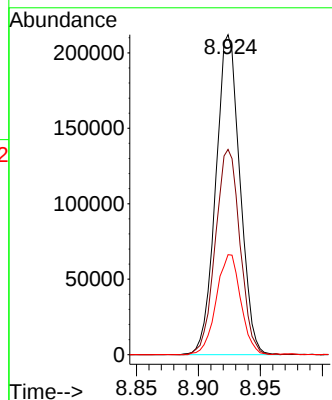
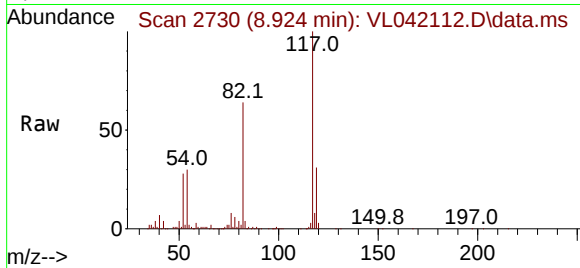




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.924 min Scan# 21
Delta R.T. 0.023 min
Lab File: VL042112.D
Acq: 05 Mar 2025 19:37

Instrument :
MSVOA_L
ClientSampleId :
SV2

Tgt Ion: 117 Resp: 288034
Ion Ratio Lower Upper
117 100
82 65.5 55.0 82.6
119 32.0 25.9 38.9



#68
1-Bromo-4-Fluorobenzene
Concen: 9.208 ppbv
RT: 10.413 min Scan# 3190
Delta R.T. 0.020 min
Lab File: VL042112.D
Acq: 05 Mar 2025 19:37

Tgt Ion: 95 Resp: 204044
Ion Ratio Lower Upper
95 100
174 62.3 51.8 77.6
175 4.5 3.9 5.9

