Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091825\
Data File : VL042940.D
Acq On : 18 Sep 2025 11:01
Operator : SY/MD
Sample : VL0918ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Sep 19 01:22:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Sep 18 02:57:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.794	49	148160	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	363124	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	306480	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	229711	9.589	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.900%			
Target Compounds						Qvalue
13) Ethanol	1.557	45	380	0.458	ppbv #	34
15) Acetone	1.839	43	3428	0.188	ppbv #	75
19) Isopropyl Alcohol	1.897	45	384	0.039	ppbv #	1
20) Methylene Chloride	2.065	84	1878	0.237	ppbv #	86
30) Cyclohexane	3.959	84	2303	0.183	ppbv #	1
34) 2-Butanone	2.570	43	1204	0.051	ppbv	99
39) 1,2-Dichloropropane	3.965	63	99688	7.788	ppbv #	22
61) Styrene	10.286	104	32	0.545	ppbv #	69
70) n-Butylbenzene	12.290	91	135	0.304	ppbv #	86
72) 4-Ethyltoluene	11.138	105	44	0.362	ppbv #	49
78) Hexachloro-1,3-Butadiene	13.886	225	814	0.052	ppbv	93
79) Naphthalene	13.513	128	177	0.368	ppbv #	69
80) Naphthalene,2-methyl-	14.462	142	899	0.826	ppbv	98
81) 1,2,4-Trichlorobenzene	13.442	180	409	0.445	ppbv #	77

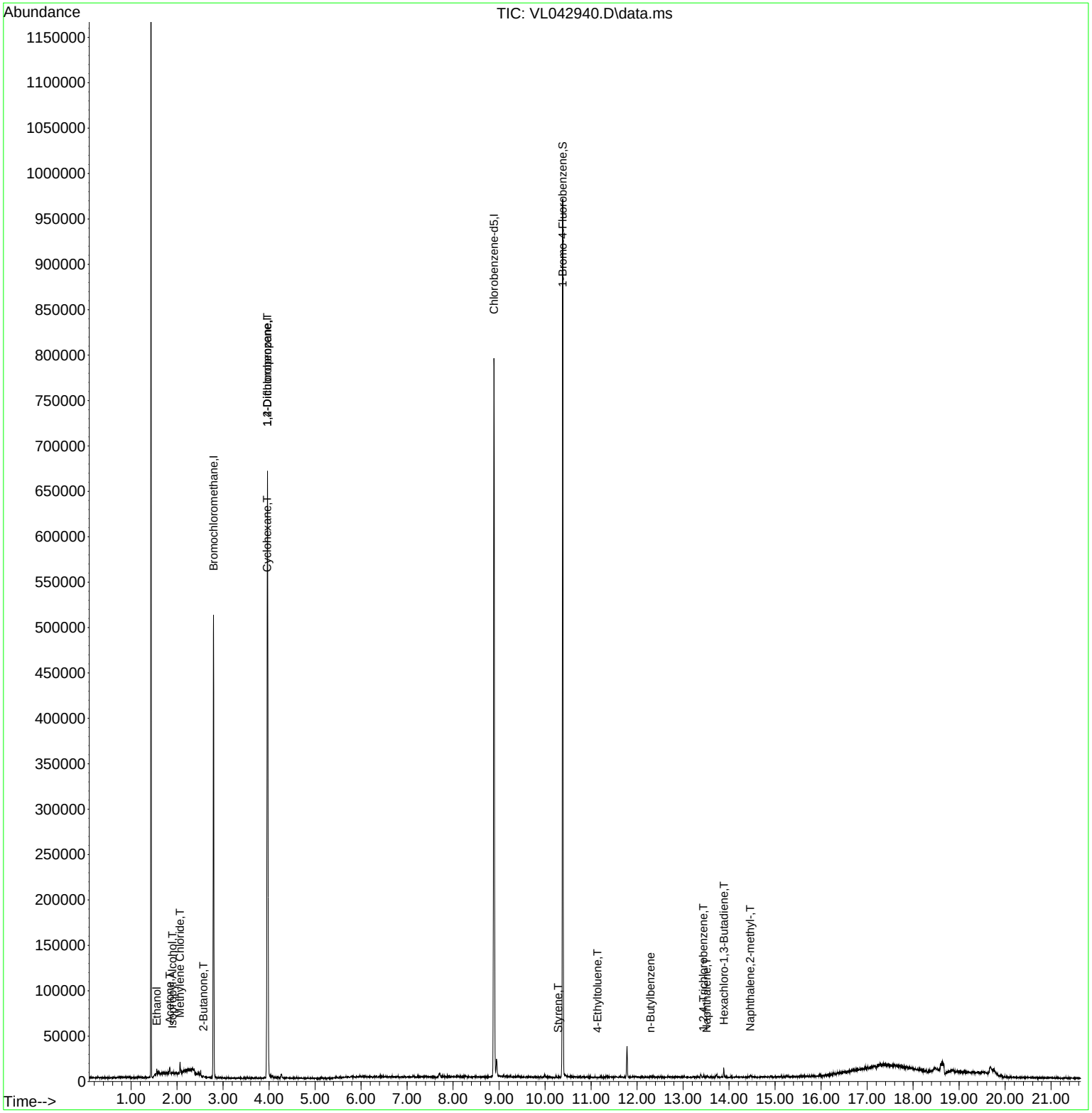
(#) = qualifier out of range (m) = manual integration (+) = signals summed

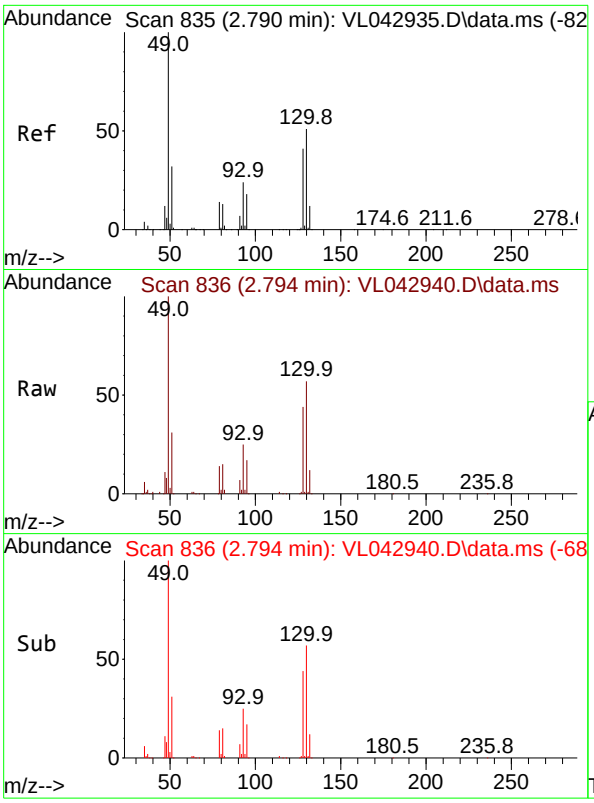
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091825\
Data File : VL042940.D
Acq On : 18 Sep 2025 11:01
Operator : SY/MD
Sample : VL0918ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Sep 19 01:22:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Sep 18 02:57:46 2025
Response via : Initial Calibration



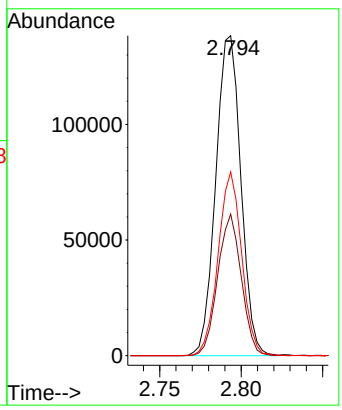


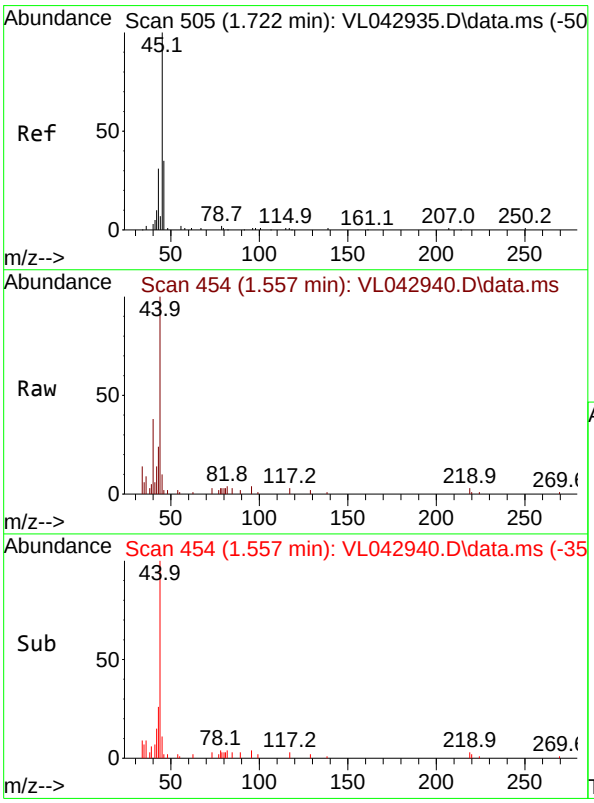
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.794 min Scan# 8
Delta R.T. 0.004 min
Lab File: VL042940.D
Acq: 18 Sep 2025 11:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 148160

Ion	Ratio	Lower	Upper
49	100		
128	41.5	21.1	63.4
130	53.9	26.4	79.2

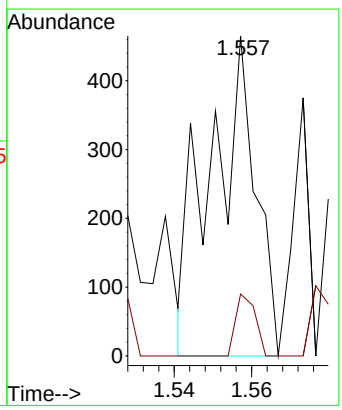


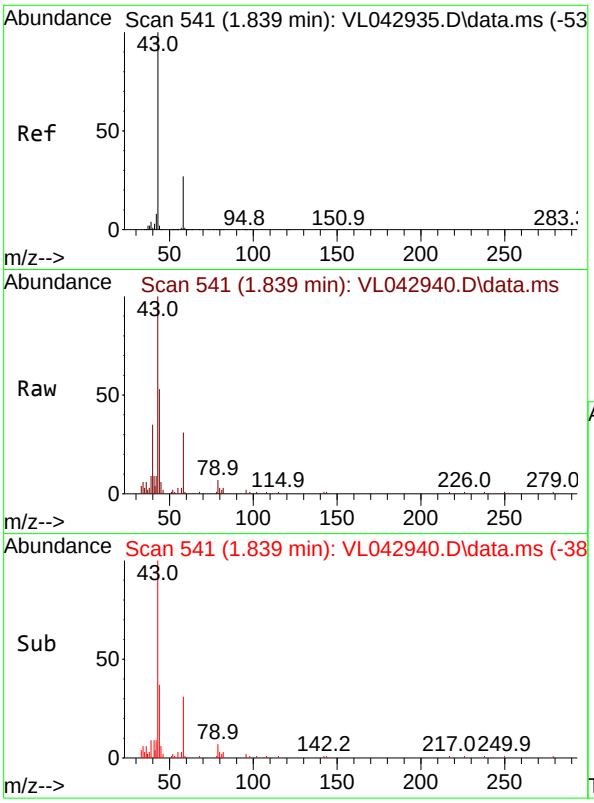


#13
Ethanol
Concen: 0.458 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.165 min
Lab File: VL042940.D
Acq: 18 Sep 2025 11:01

Tgt Ion: 45 Resp: 380

Ion	Ratio	Lower	Upper
45	100		
46	0.0	16.5	66.1#



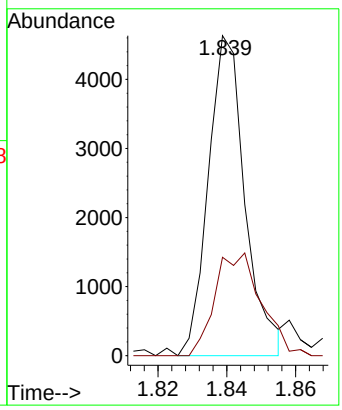


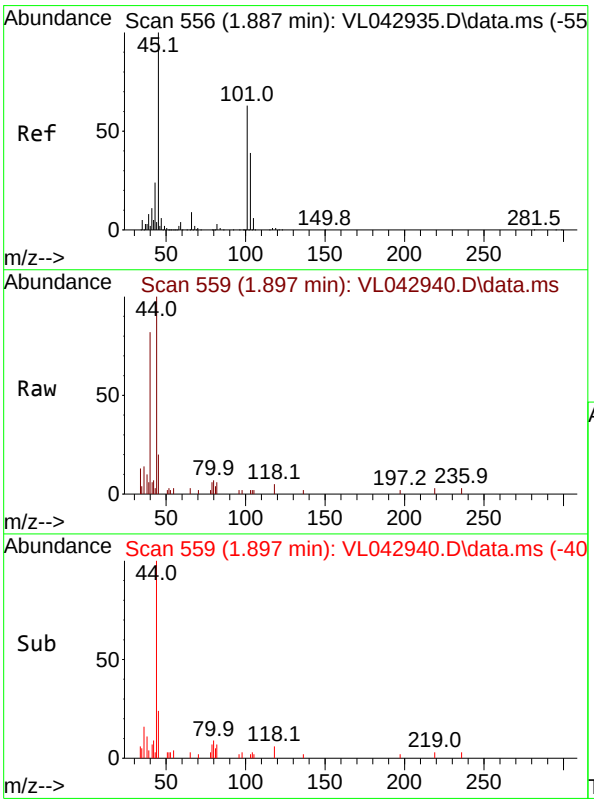
#15
Acetone
Concen: 0.188 ppbv
RT: 1.839 min Scan# 54
Delta R.T. 0.000 min
Lab File: VL042940.D
Acq: 18 Sep 2025 11:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 3428

Ion	Ratio	Lower	Upper
43	100		
58	40.6	22.2	33.2#

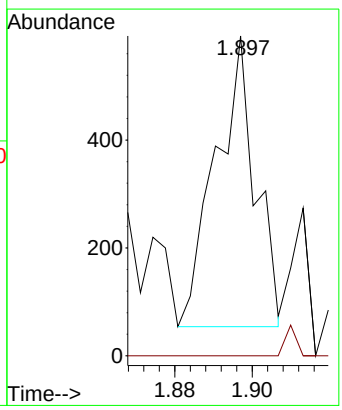


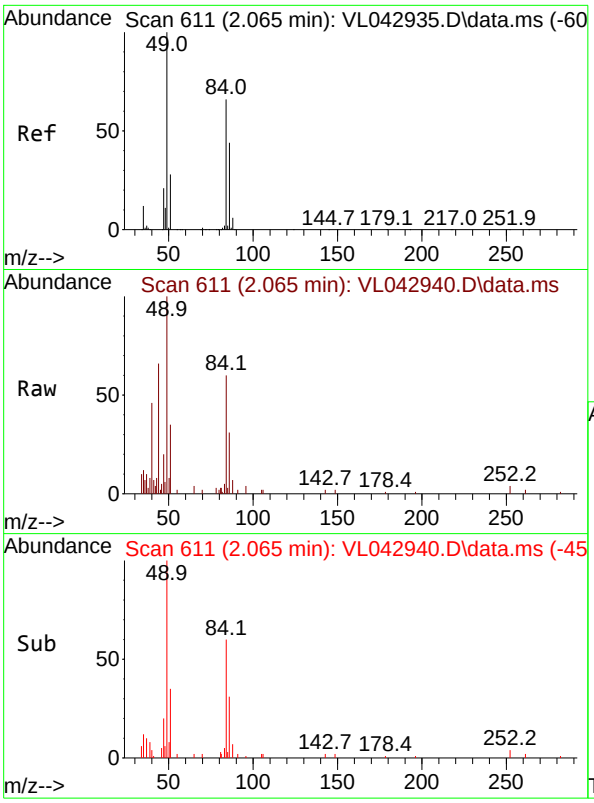


#19
Isopropyl Alcohol
Concen: 0.039 ppbv
RT: 1.897 min Scan# 559
Delta R.T. 0.010 min
Lab File: VL042940.D
Acq: 18 Sep 2025 11:01

Tgt Ion: 45 Resp: 384

Ion	Ratio	Lower	Upper
45	100		
58	362.5	2.0	3.0#



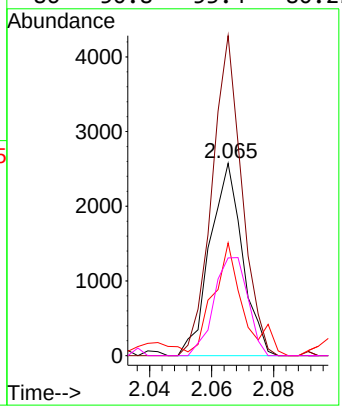


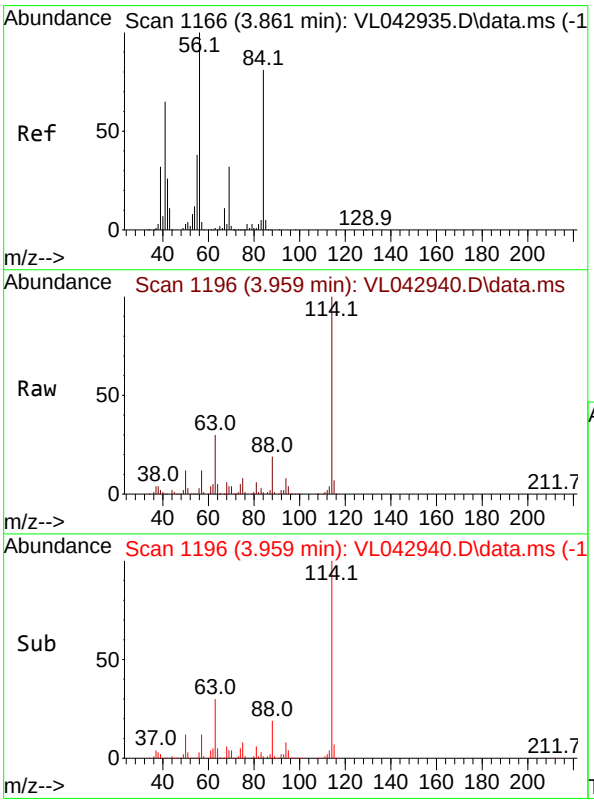
#20
Methylene Chloride
Concen: 0.237 ppbv
RT: 2.065 min Scan# 6
Delta R.T. 0.000 min
Lab File: VL042940.D
Acq: 18 Sep 2025 11:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 1878

Ion	Ratio	Lower	Upper
84	100		
49	166.4	121.8	182.6
51	56.2	35.6	53.4#
86	50.8	53.4	80.2#

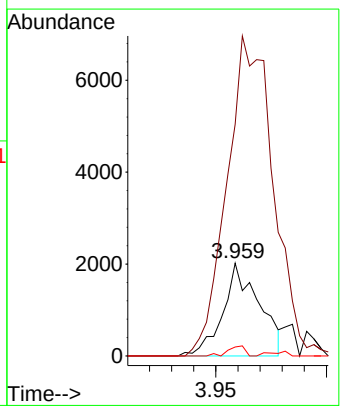


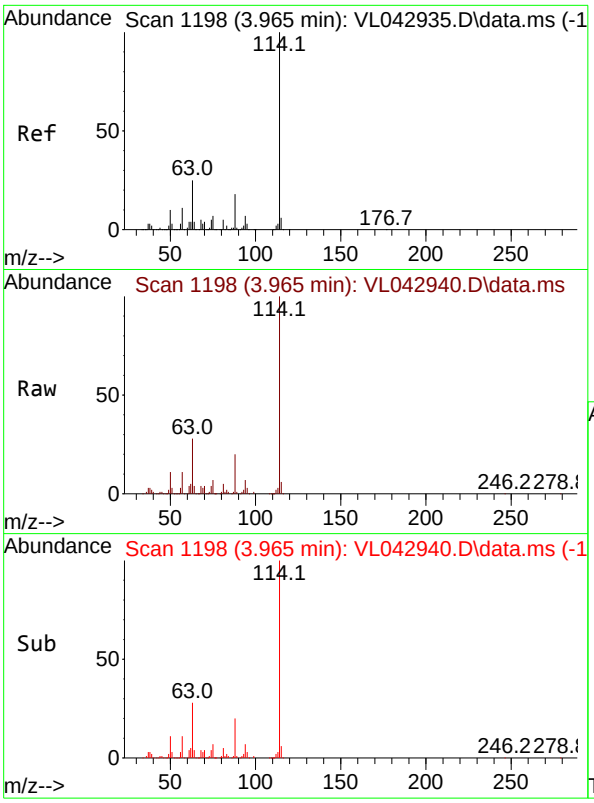


#30
Cyclohexane
Concen: 0.183 ppbv
RT: 3.959 min Scan# 1196
Delta R.T. 0.097 min
Lab File: VL042940.D
Acq: 18 Sep 2025 11:01

Tgt Ion: 84 Resp: 2303

Ion	Ratio	Lower	Upper
84	100		
56	441.4	100.6	150.8#
41	7.4	65.4	98.0#



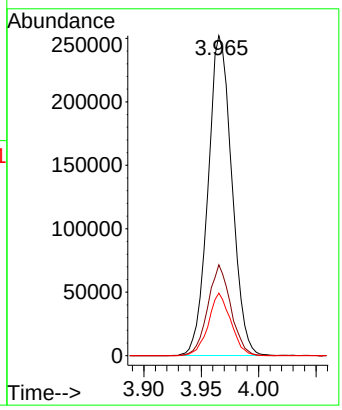


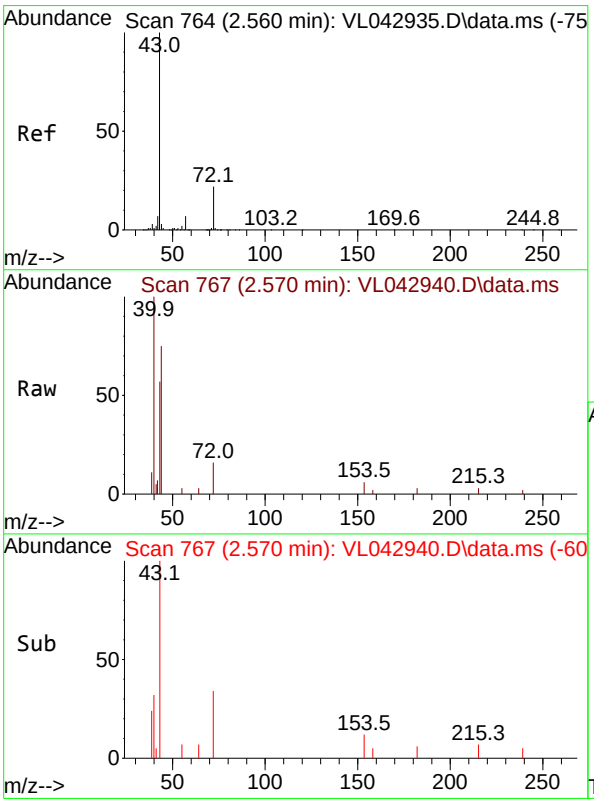
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 1
Delta R.T. 0.000 min
Lab File: VL042940.D
Acq: 18 Sep 2025 11:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 363124

Ion	Ratio	Lower	Upper
114	100		
63	27.5	21.1	31.7
88	18.5	14.6	22.0

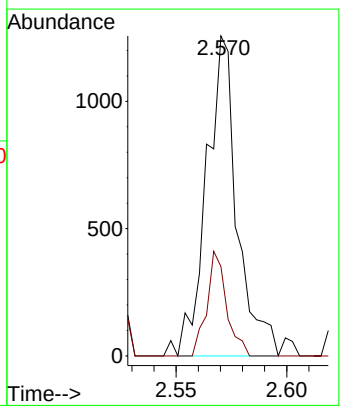


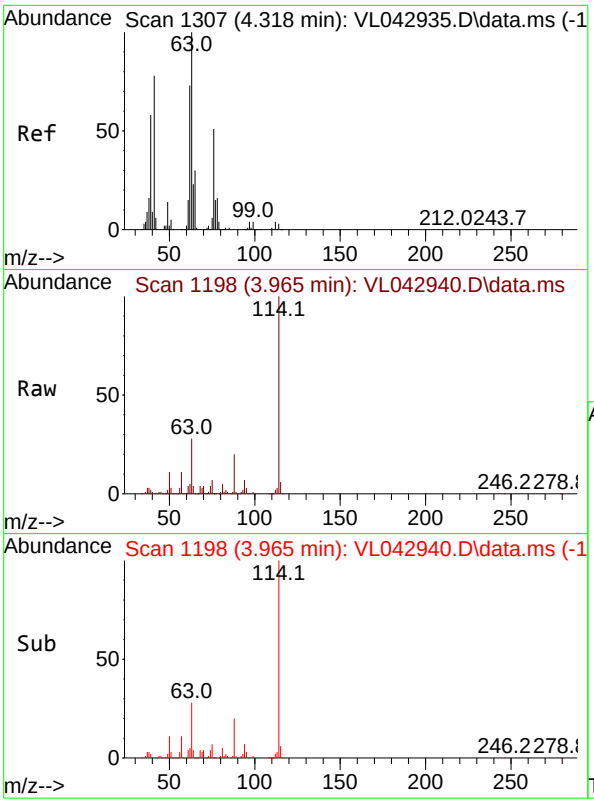


#34
2-Butanone
Concen: 0.051 ppbv
RT: 2.570 min Scan# 767
Delta R.T. 0.010 min
Lab File: VL042940.D
Acq: 18 Sep 2025 11:01

Tgt Ion: 43 Resp: 1204

Ion	Ratio	Lower	Upper
43	100		
72	21.1	17.2	25.8



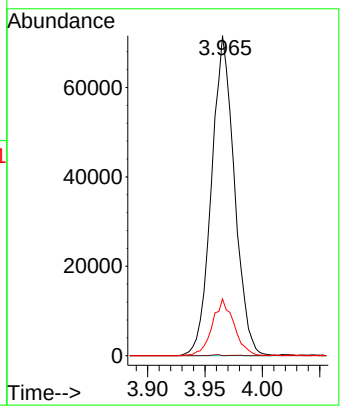


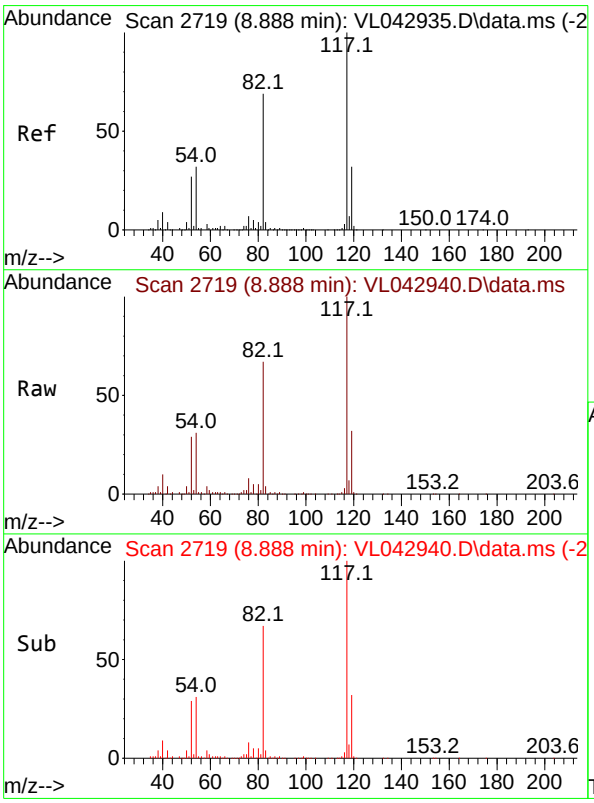
#39
1,2-Dichloropropane
Concen: 7.788 ppbv
RT: 3.965 min Scan# 1
Delta R.T. -0.353 min
Lab File: VL042940.D
Acq: 18 Sep 2025 11:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 99688

Ion	Ratio	Lower	Upper
63	100		
41	0.1	62.7	94.1#
62	17.8	58.4	87.6#

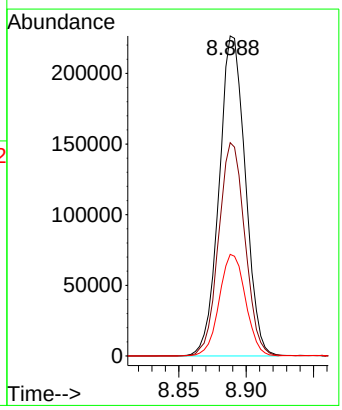


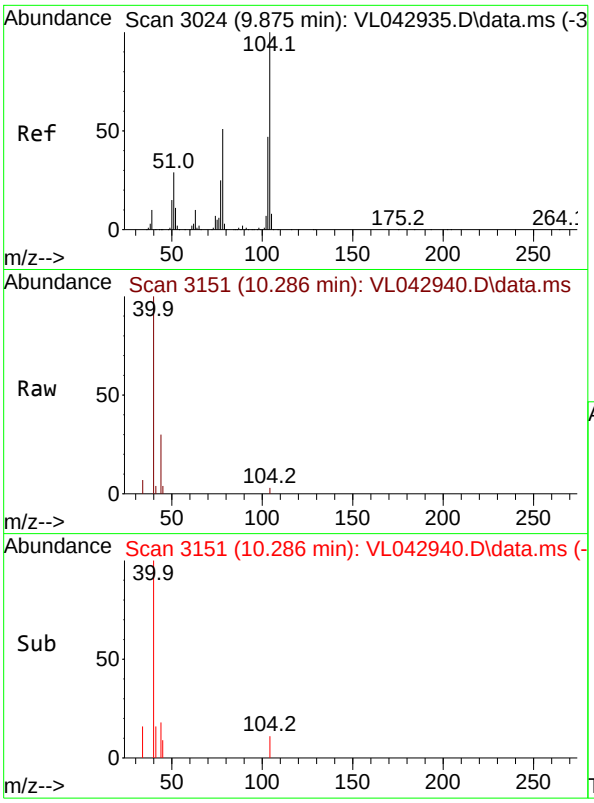


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2719
Delta R.T. 0.000 min
Lab File: VL042940.D
Acq: 18 Sep 2025 11:01

Tgt Ion:117 Resp: 306480

Ion	Ratio	Lower	Upper
117	100		
82	67.1	56.1	84.1
119	31.9	25.8	38.8



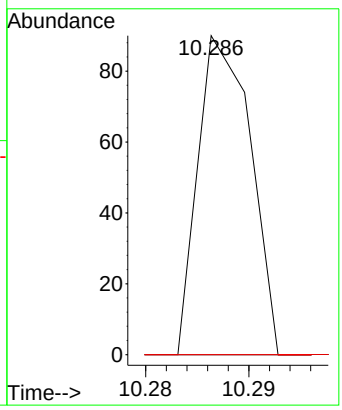


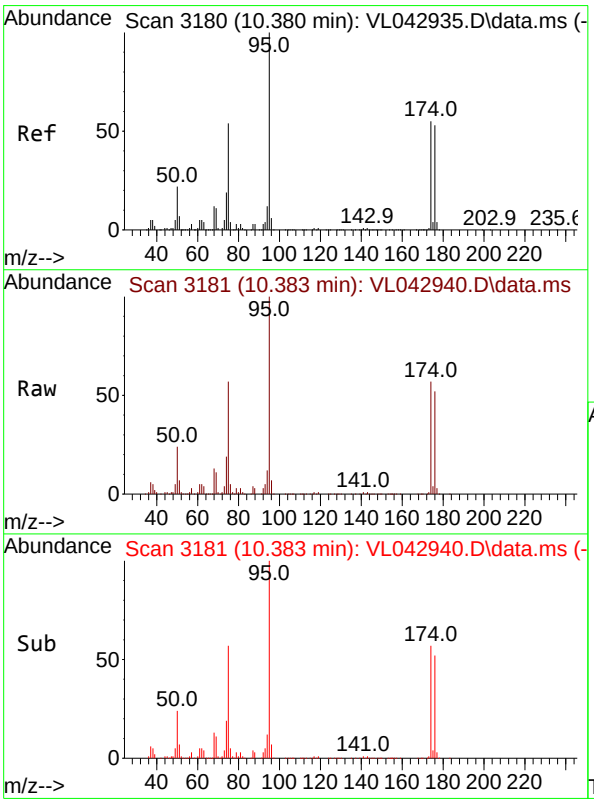
#61
Styrene
Concen: 0.545 ppbv
RT: 10.286 min Scan# 3
Delta R.T. 0.411 min
Lab File: VL042940.D
Acq: 18 Sep 2025 11:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:104 Resp: 32

Ion	Ratio	Lower	Upper
104	100		
78	71.9	40.2	60.2#
103	65.6	36.8	55.2#

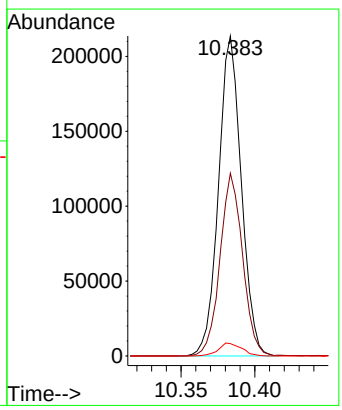


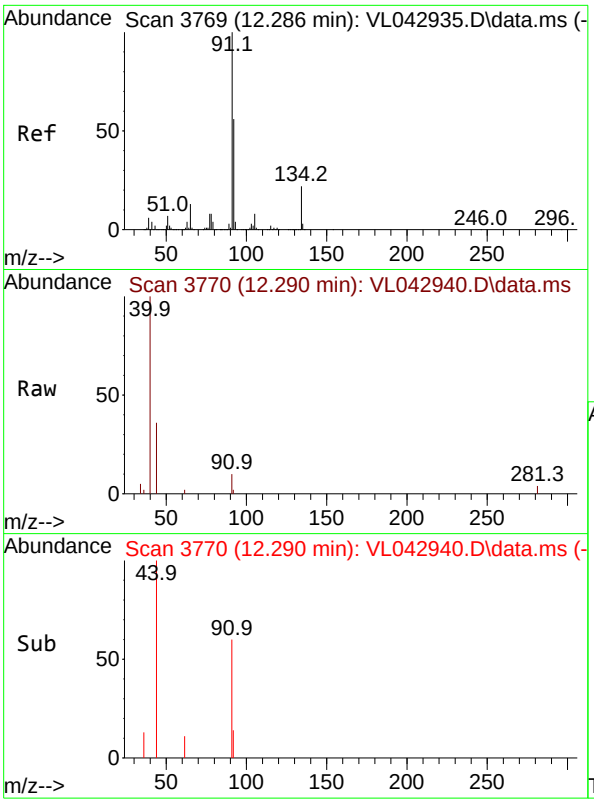


#68
1-Bromo-4-Fluorobenzene
Concen: 9.589 ppbv
RT: 10.383 min Scan# 3181
Delta R.T. 0.003 min
Lab File: VL042940.D
Acq: 18 Sep 2025 11:01

Tgt Ion: 95 Resp: 229711

Ion	Ratio	Lower	Upper
95	100		
174	56.8	44.9	67.3
175	4.1	3.3	4.9



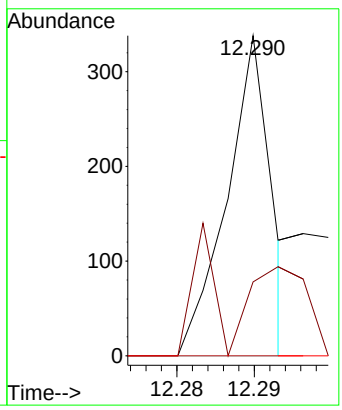


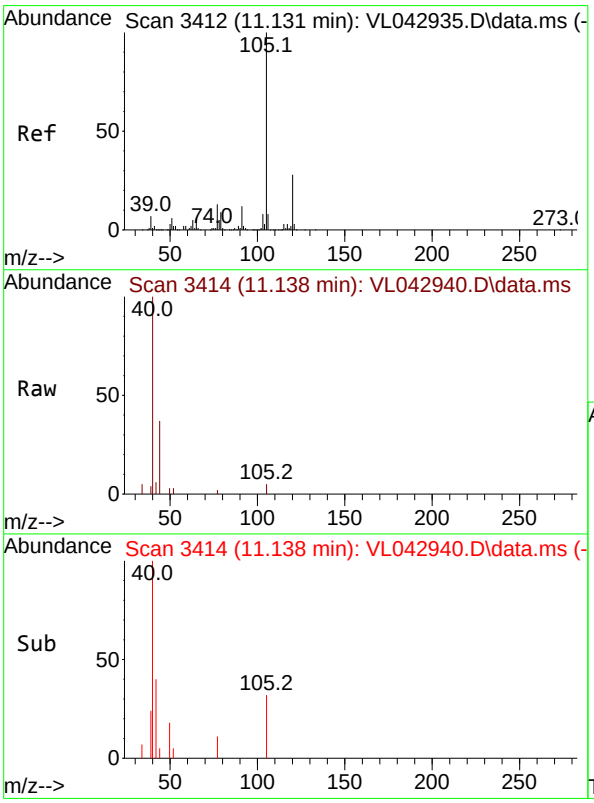
#70
n-Butylbenzene
Concen: 0.304 ppbv
RT: 12.290 min Scan# 3
Delta R.T. 0.004 min
Lab File: VL042940.D
Acq: 18 Sep 2025 11:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 135

Ion	Ratio	Lower	Upper
91	100		
92	56.3	43.8	65.8
134	0.0	17.3	25.9#

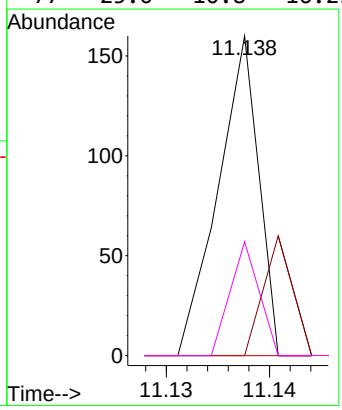


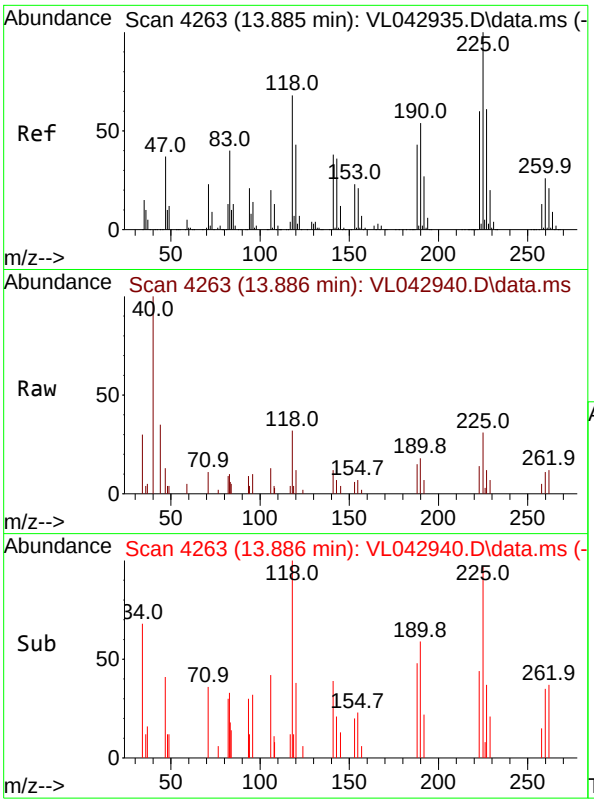


#72
4-Ethyltoluene
Concen: 0.362 ppbv
RT: 11.138 min Scan# 3414
Delta R.T. 0.007 min
Lab File: VL042940.D
Acq: 18 Sep 2025 11:01

Tgt Ion:105 Resp: 44

Ion	Ratio	Lower	Upper
105	100		
120	65.9	23.1	34.7#
91	0.0	10.4	15.6#
77	25.0	10.8	16.2#



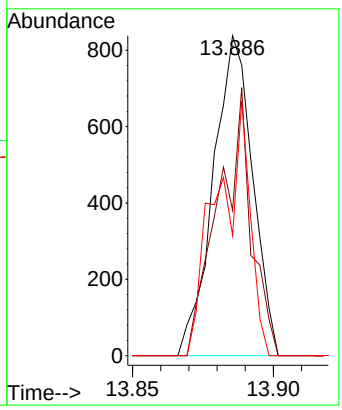


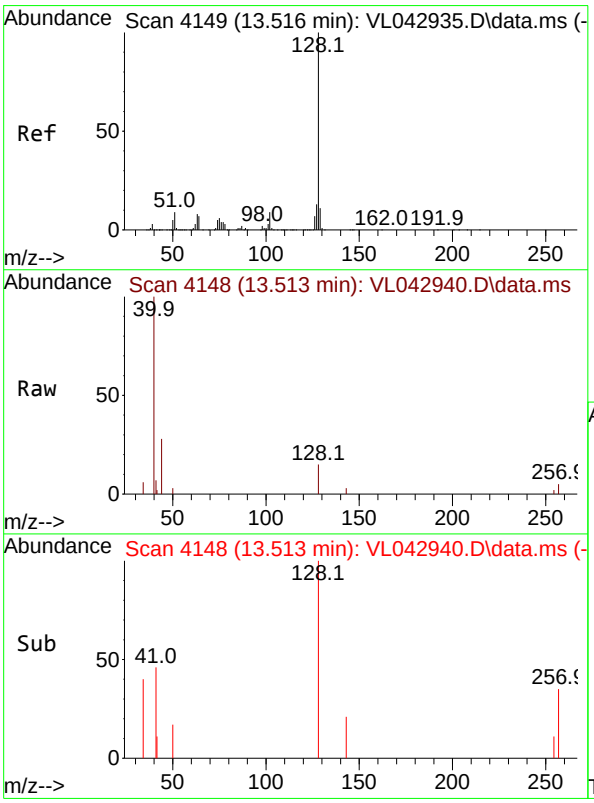
#78
Hexachloro-1,3-Butadiene
Concen: 0.052 ppbv
RT: 13.886 min Scan# 4
Delta R.T. 0.000 min
Lab File: VL042940.D
Acq: 18 Sep 2025 11:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:225 Resp: 814

Ion	Ratio	Lower	Upper
225	100		
223	69.7	50.6	76.0
227	67.1	50.5	75.7

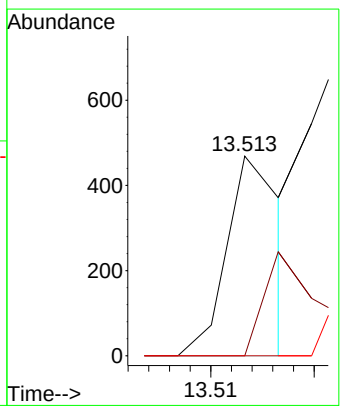


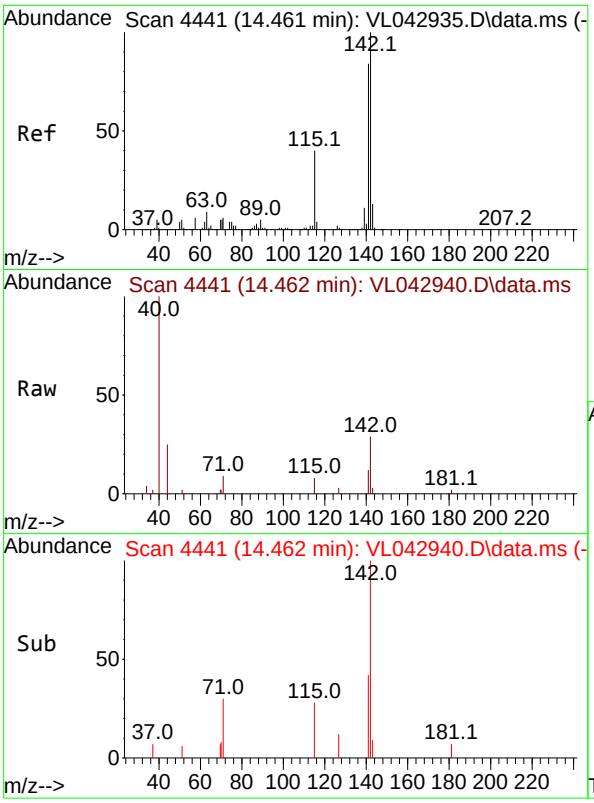


#79
Naphthalene
Concen: 0.368 ppbv
RT: 13.513 min Scan# 4148
Delta R.T. -0.003 min
Lab File: VL042940.D
Acq: 18 Sep 2025 11:01

Tgt Ion:128 Resp: 177

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.7	13.1#



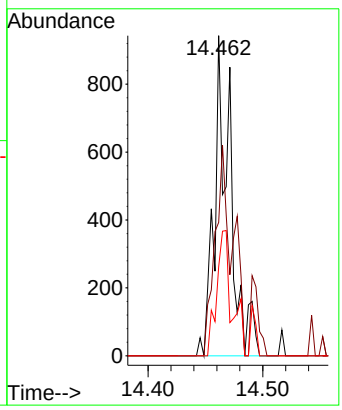


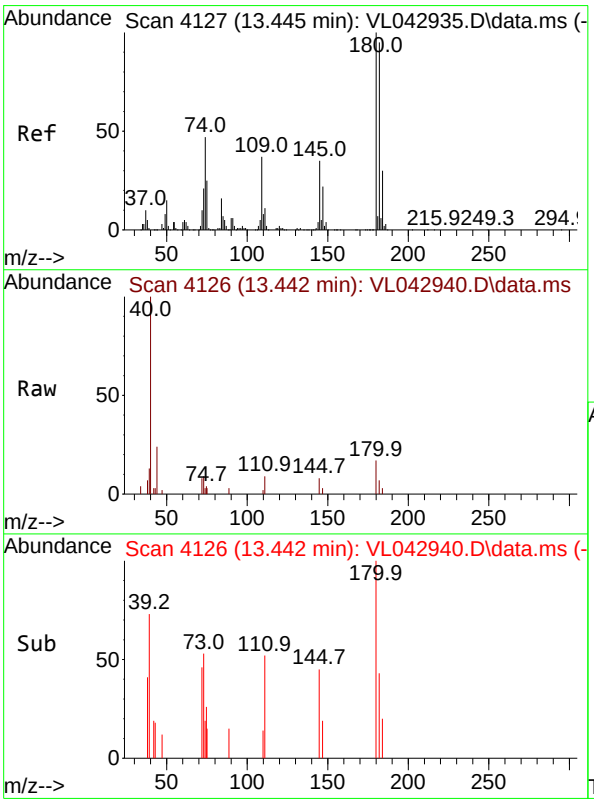
#80
Naphthalene,2-methyl-
Concen: 0.826 ppbv
RT: 14.462 min Scan# 44
Delta R.T. 0.001 min
Lab File: VL042940.D
Acq: 18 Sep 2025 11:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:142 Resp: 899

Ion	Ratio	Lower	Upper
142	100		
141	84.9	67.0	100.6
115	42.6	32.0	48.0





#81
1,2,4-Trichlorobenzene
Concen: 0.445 ppbv
RT: 13.442 min Scan# 4126
Delta R.T. -0.003 min
Lab File: VL042940.D
Acq: 18 Sep 2025 11:01

Tgt Ion:180 Resp: 409

Ion	Ratio	Lower	Upper
180	100		
182	118.6	75.5	113.3#
184	21.0	24.6	37.0#