Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102323\
Data File : VL040788.D
Acq On : 23 Oct 2023 21:11
Operator : SY/MD
Sample : 04699-15 0.03 MDL
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Oct 24 16:12:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Oct 24 16:11:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.182	49	850597	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.639	114	2363667	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.446	117	2173270	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.754	95	1653689	10.341	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.739	85	5234	0.035	ppbv	92
3) Chlorodifluoromethane	2.687	51	6548	0.052	ppbv	99
8) Dichlorotetrafluoroethane	2.861	85	3954	0.035	ppbv #	40
12) 1,1,2-Trichlorotrifluo...	4.063	101	3131	0.038	ppbv #	64
20) Methylene Chloride	3.938	84	9666	0.264	ppbv #	76
21) Allyl Chloride	3.993	41	3011	0.052	ppbv #	26
24) 1,1-Dichloroethane	4.558	63	2539	0.030	ppbv #	90
25) Ethyl Acetate	5.208	43	6861	0.036	ppbv #	74
26) Hexane	5.205	57	8982	0.102	ppbv #	65
27) Carbon Disulfide	4.121	76	2932	0.030	ppbv #	11
36) Benzene	6.359	78	7166	0.039	ppbv #	80
37) 1,2-Dichloroethane	5.800	62	2928	0.031	ppbv #	80
39) 1,2-Dichloropropane	6.639	63	556978	7.842	ppbv #	27
71) 2-Chlorotoluene	14.777	91	8110	0.033	ppbv	85

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102323\
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Acq On : 23 Oct 2023 21:11
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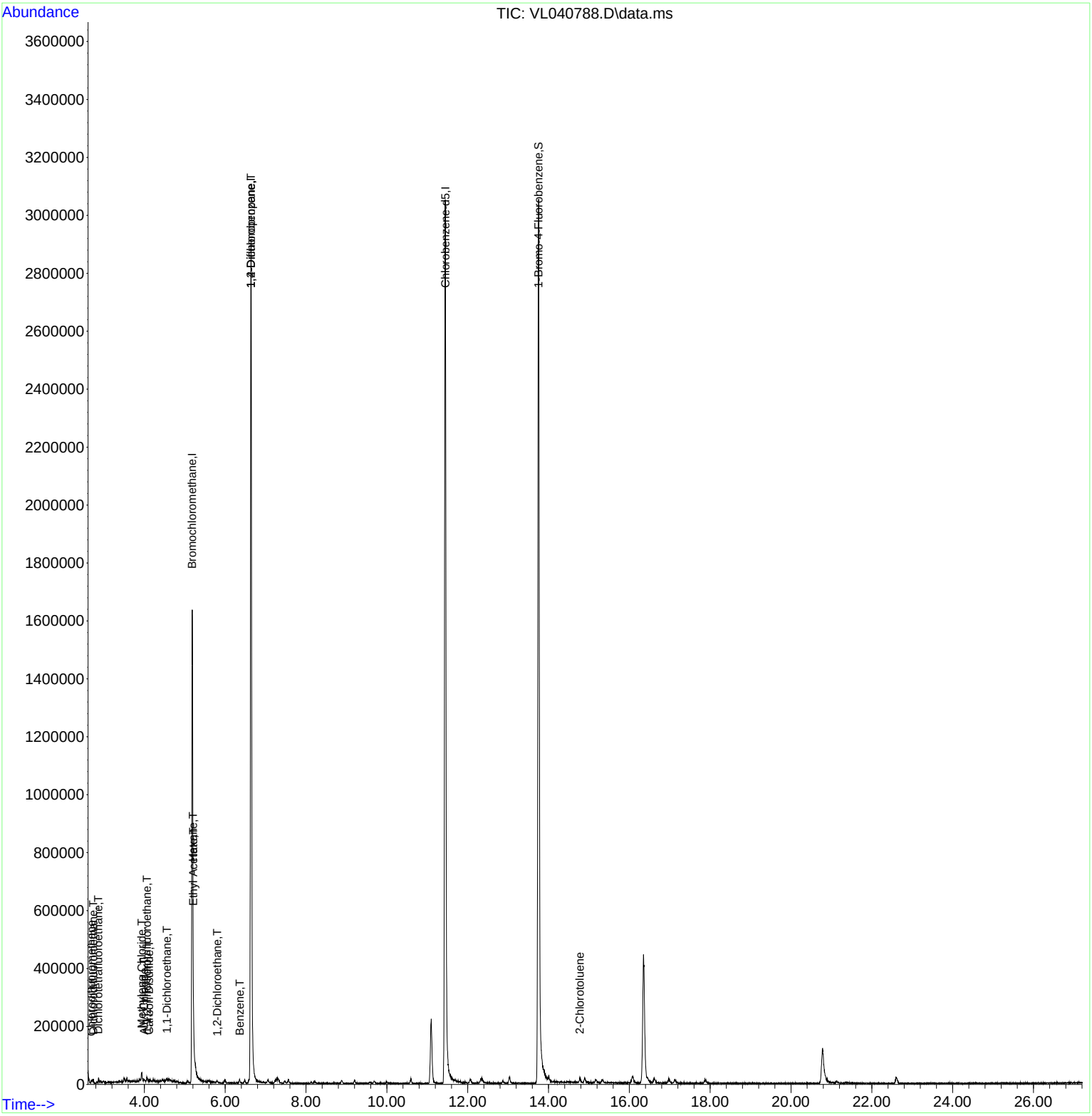
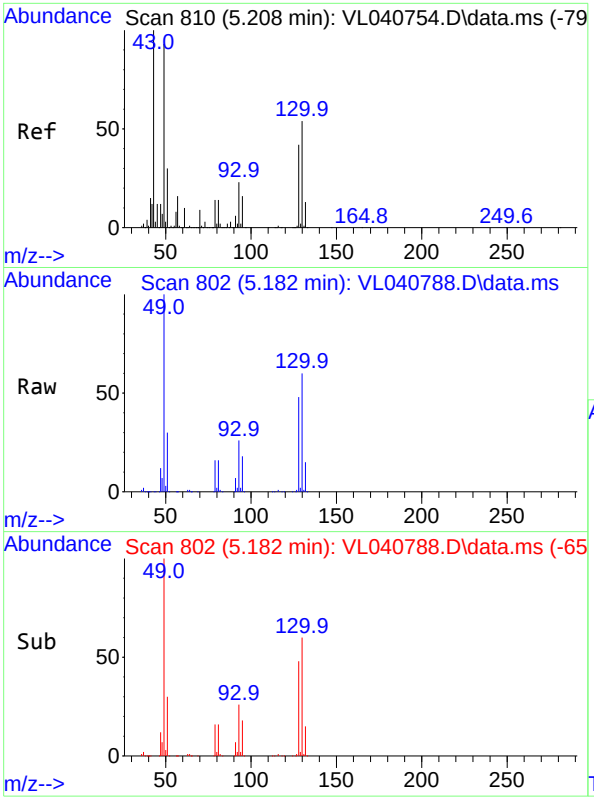
Quant Time: Oct 24 16:12:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Oct 24 16:11:15 2023
Response via : Initial Calibration



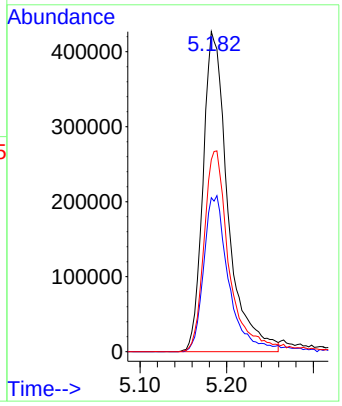


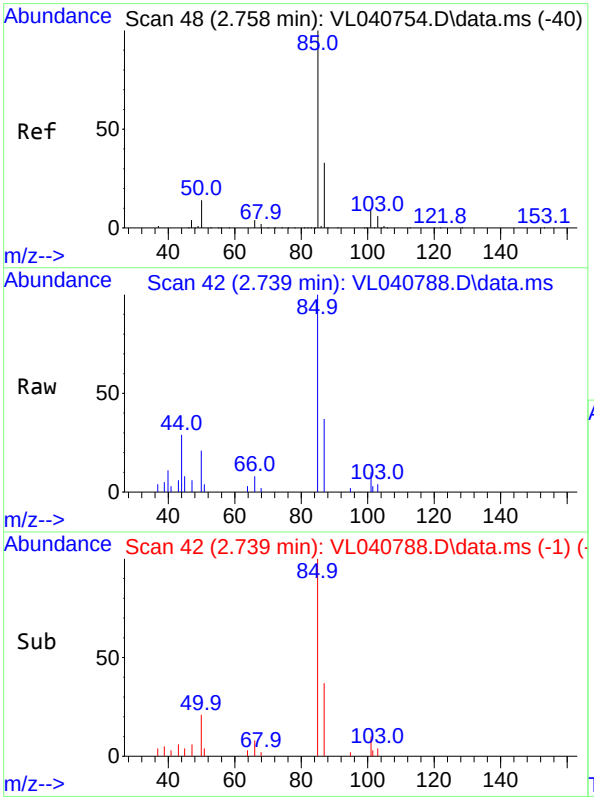
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 8
Delta R.T. -0.026 min
Lab File: VL040788.D
Acq: 23 Oct 2023 21:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 850597

Ion	Ratio	Lower	Upper
49	100		
128	50.9	23.9	71.7
130	65.5	30.7	92.1

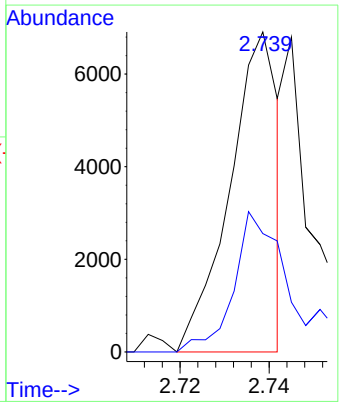


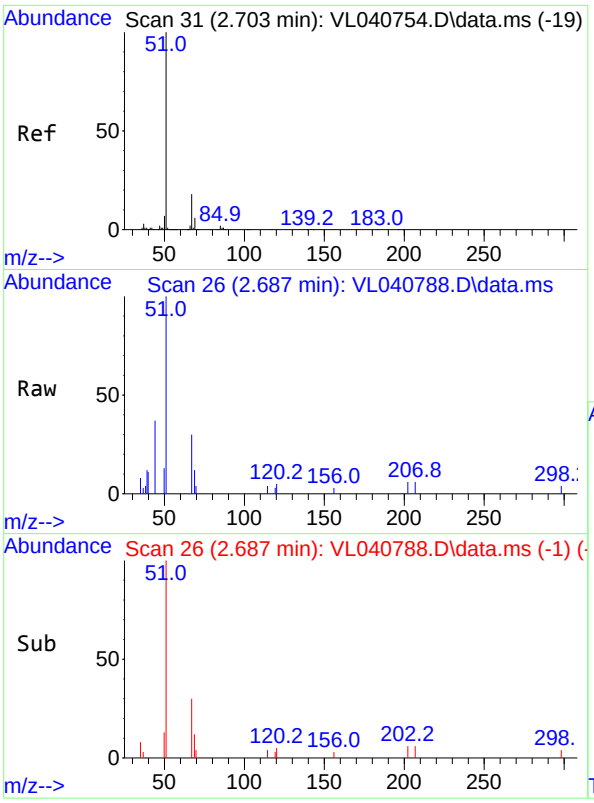


#2
Dichlorodifluoromethane
Concen: 0.035 ppbv
RT: 2.739 min Scan# 42
Delta R.T. -0.019 min
Lab File: VL040788.D
Acq: 23 Oct 2023 21:11

Tgt Ion: 85 Resp: 5234

Ion	Ratio	Lower	Upper
85	100		
87	37.0	26.0	39.0



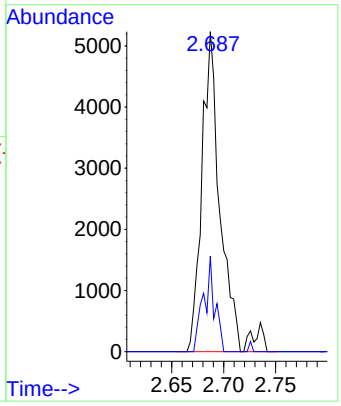


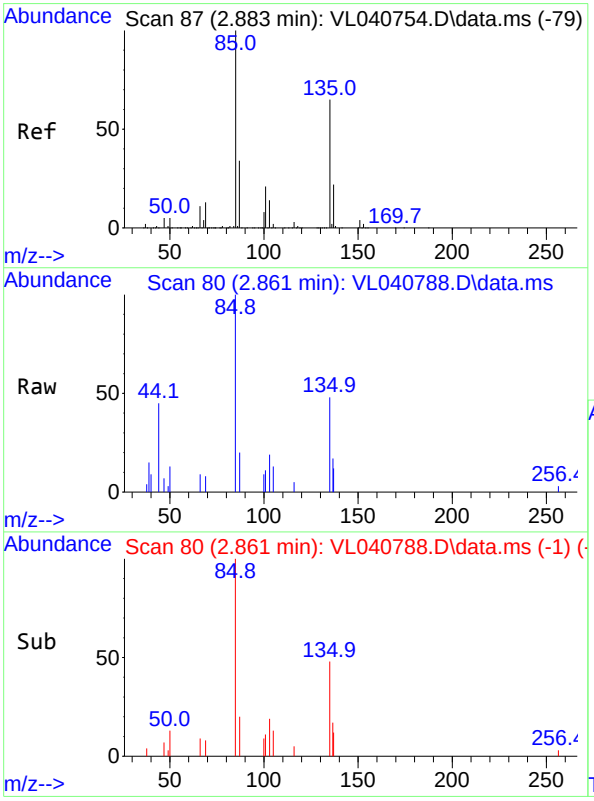
#3
Chlorodifluoromethane
Concen: 0.052 ppbv
RT: 2.687 min Scan# 2
Delta R.T. -0.016 min
Lab File: VL040788.D
Acq: 23 Oct 2023 21:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 6548

Ion	Ratio	Lower	Upper
51	100		
67	17.8	13.8	20.6

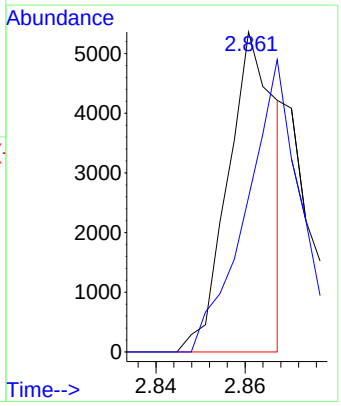


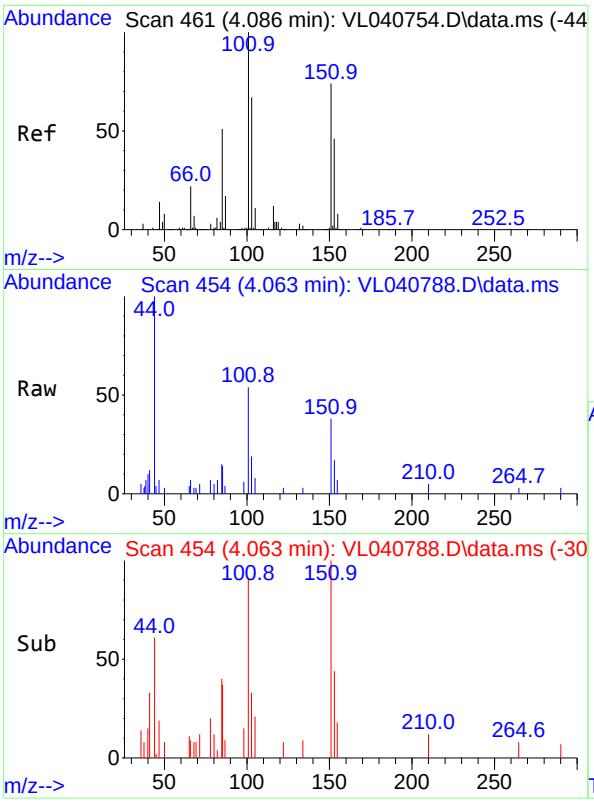


#8
Dichlorotetrafluoroethane
Concen: 0.035 ppbv
RT: 2.861 min Scan# 80
Delta R.T. -0.022 min
Lab File: VL040788.D
Acq: 23 Oct 2023 21:11

Tgt Ion: 85 Resp: 3954

Ion	Ratio	Lower	Upper
85	100		
135	118.0	55.4	83.2#



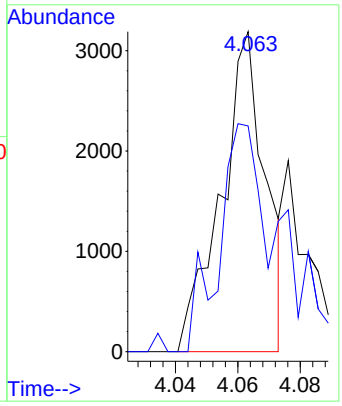


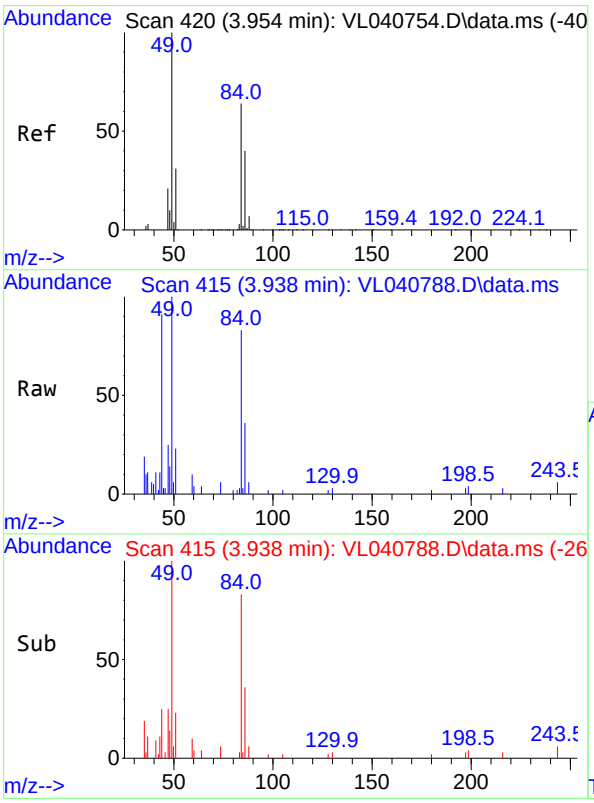
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.038 ppbv
RT: 4.063 min Scan# 4
Delta R.T. -0.022 min
Lab File: VL040788.D
Acq: 23 Oct 2023 21:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 3131

Ion	Ratio	Lower	Upper
101	100		
151	102.3	58.1	87.1#

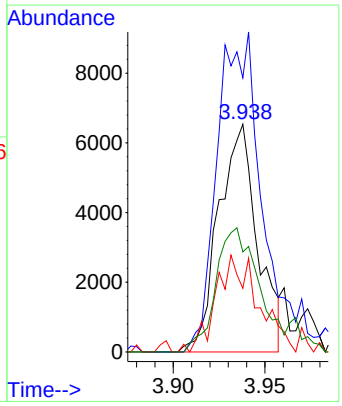


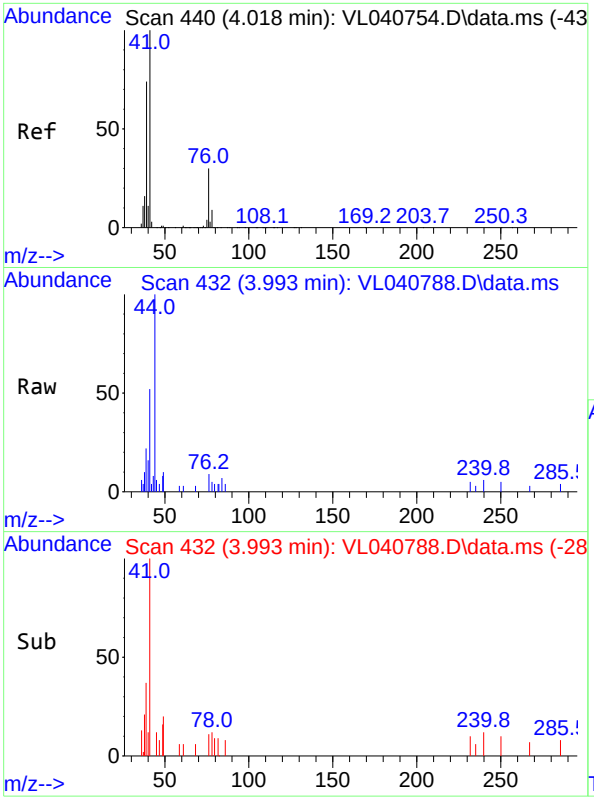


#20
Methylene Chloride
Concen: 0.264 ppbv
RT: 3.938 min Scan# 415
Delta R.T. -0.016 min
Lab File: VL040788.D
Acq: 23 Oct 2023 21:11

Tgt Ion: 84 Resp: 9666

Ion	Ratio	Lower	Upper
84	100		
49	127.8	125.6	188.4
51	28.0	38.9	58.3#
86	43.9	50.6	76.0#



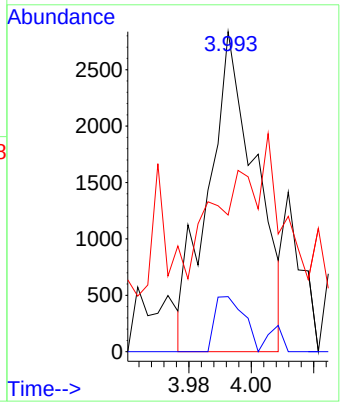


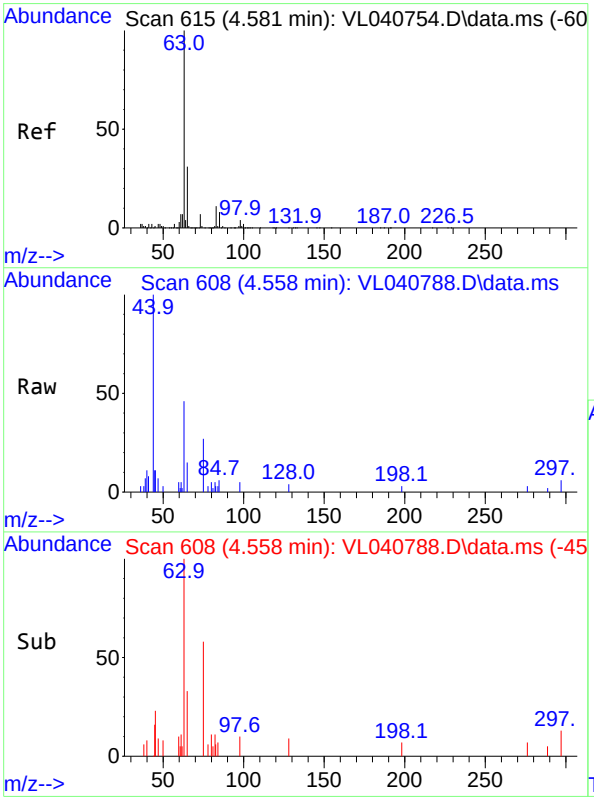
#21
Allyl Chloride
Concen: 0.052 ppbv
RT: 3.993 min Scan# 4
Delta R.T. -0.026 min
Lab File: VL040788.D
Acq: 23 Oct 2023 21:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 3011

Ion	Ratio	Lower	Upper
41	100		
76	13.0	24.1	36.1#
39	0.0	63.8	95.6#

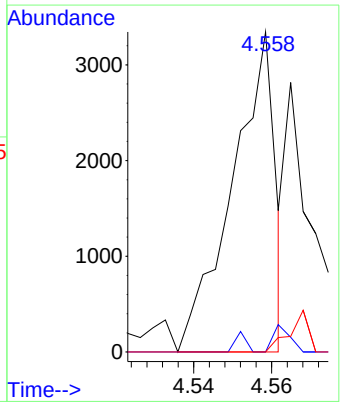


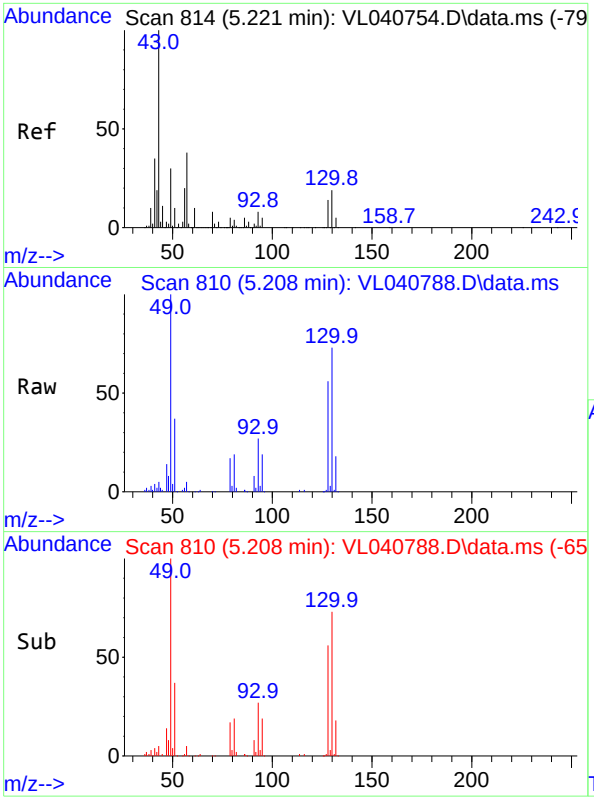


#24
1,1-Dichloroethane
Concen: 0.030 ppbv
RT: 4.558 min Scan# 608
Delta R.T. -0.022 min
Lab File: VL040788.D
Acq: 23 Oct 2023 21:11

Tgt Ion: 63 Resp: 2539

Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.0	5.8#
100	0.0	1.3	3.8#



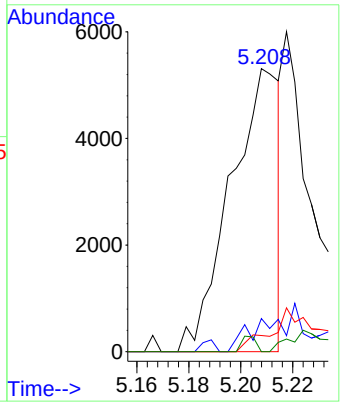


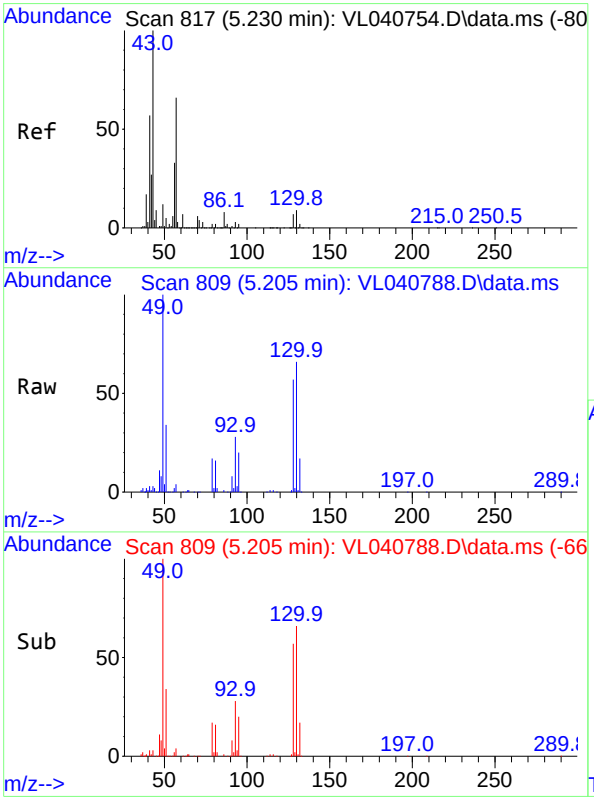
#25
Ethyl Acetate
Concen: 0.036 ppbv
RT: 5.208 min Scan# 8
Delta R.T. -0.013 min
Lab File: VL040788.D
Acq: 23 Oct 2023 21:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 6861

Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.2	12.4#
61	0.0	8.2	12.2#
70	0.0	5.8	8.6#

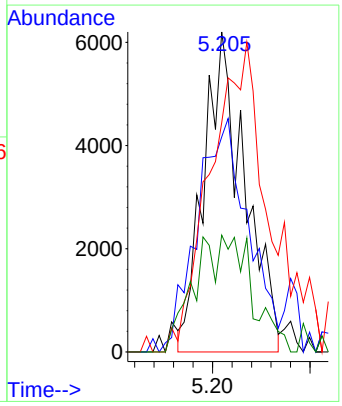


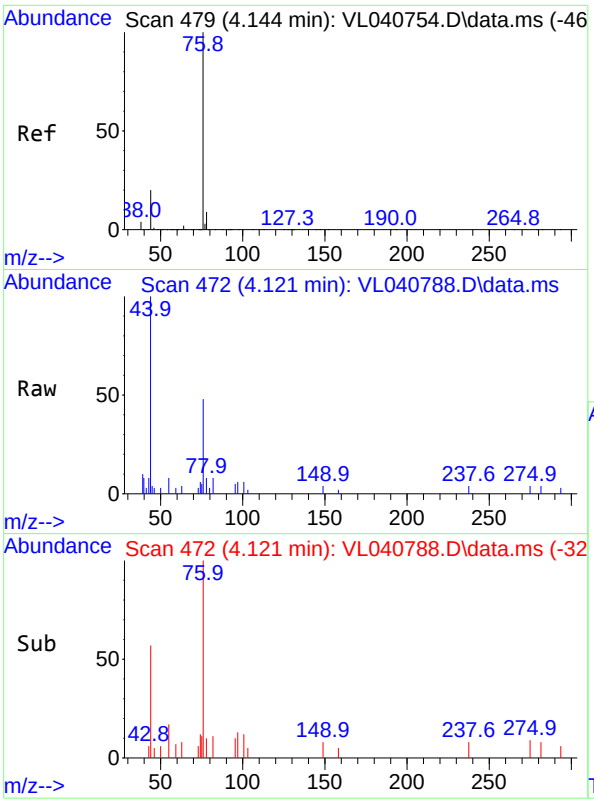


#26
Hexane
Concen: 0.102 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.026 min
Lab File: VL040788.D
Acq: 23 Oct 2023 21:11

Tgt Ion: 57 Resp: 8982

Ion	Ratio	Lower	Upper
57	100		
41	103.1	71.4	107.2
43	145.3	182.3	273.5#
56	53.4	42.0	63.0



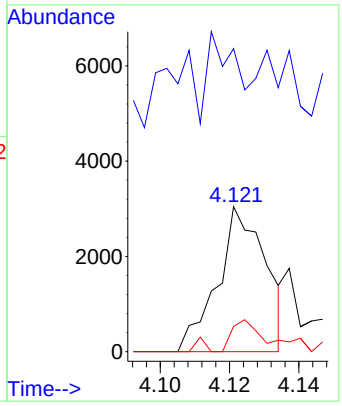


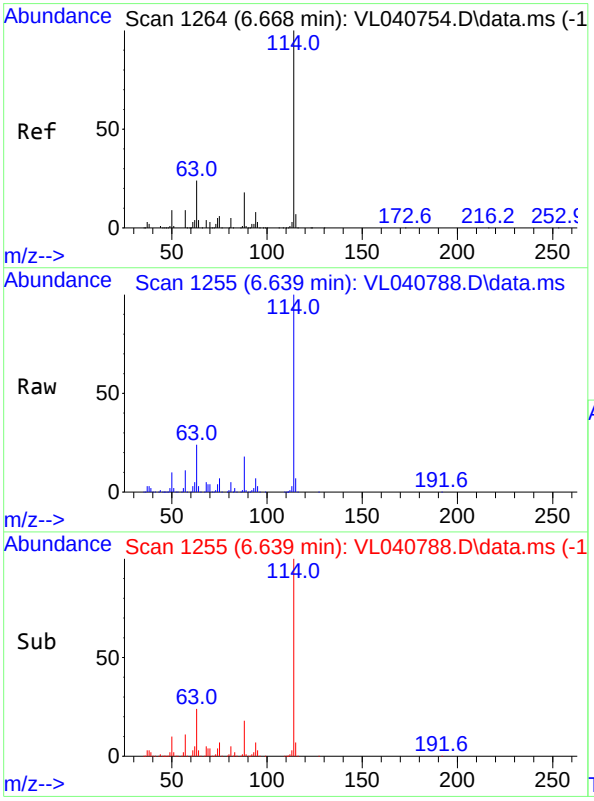
#27
Carbon Disulfide
Concen: 0.030 ppbv
RT: 4.121 min Scan# 4
Delta R.T. -0.022 min
Lab File: VL040788.D
Acq: 23 Oct 2023 21:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 76 Resp: 2932

Ion	Ratio	Lower	Upper
76	100		
44	72.6	16.6	25.0#
78	25.3	7.8	11.6#

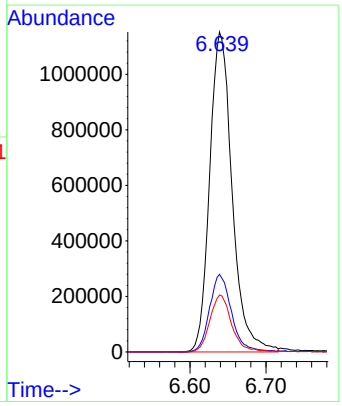


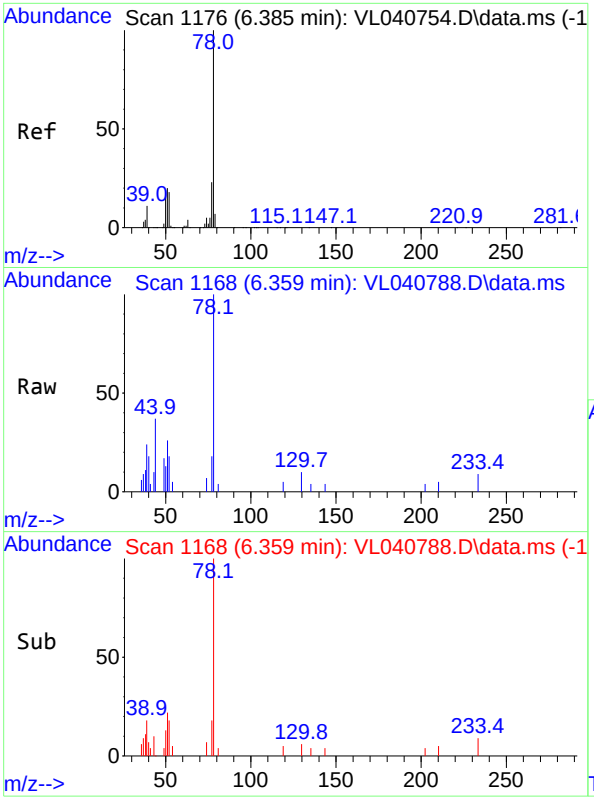


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. -0.029 min
Lab File: VL040788.D
Acq: 23 Oct 2023 21:11

Tgt Ion:114 Resp: 2363667

Ion	Ratio	Lower	Upper
114	100		
63	24.1	19.8	29.6
88	17.5	14.2	21.2



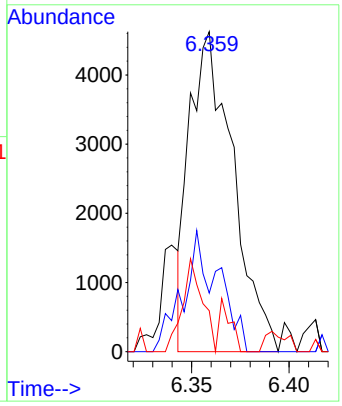


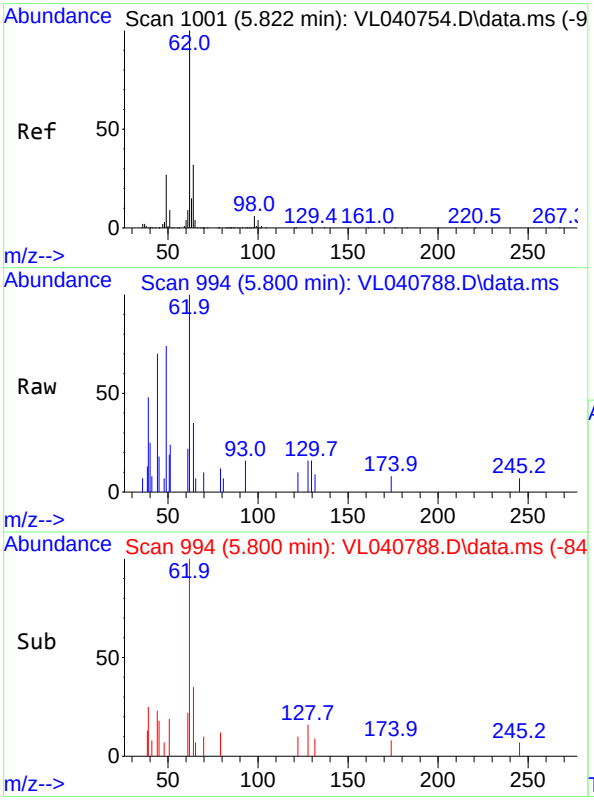
#36
Benzene
Concen: 0.039 ppbv
RT: 6.359 min Scan# 11
Delta R.T. -0.026 min
Lab File: VL040788.D
Acq: 23 Oct 2023 21:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 78 Resp: 7166

Ion	Ratio	Lower	Upper
78	100		
77	18.3	18.4	27.6#
50	3.9	15.0	22.4#

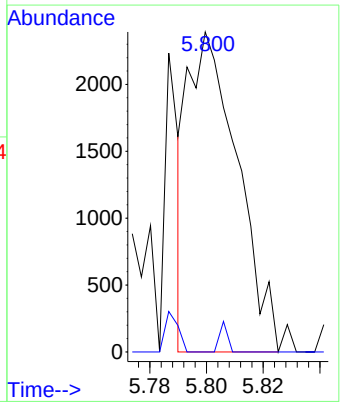


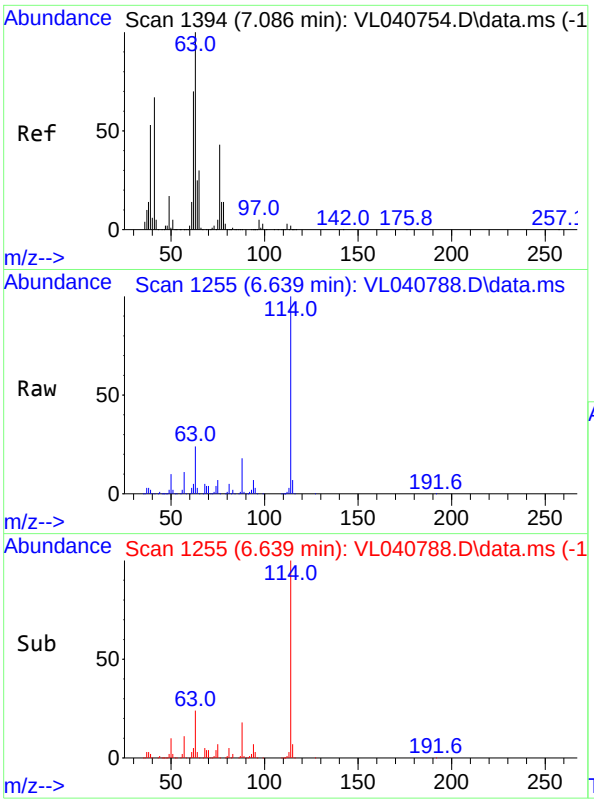


#37
1,2-Dichloroethane
Concen: 0.031 ppbv
RT: 5.800 min Scan# 994
Delta R.T. -0.022 min
Lab File: VL040788.D
Acq: 23 Oct 2023 21:11

Tgt Ion: 62 Resp: 2928

Ion	Ratio	Lower	Upper
62	100		
98	0.0	5.4	8.0#



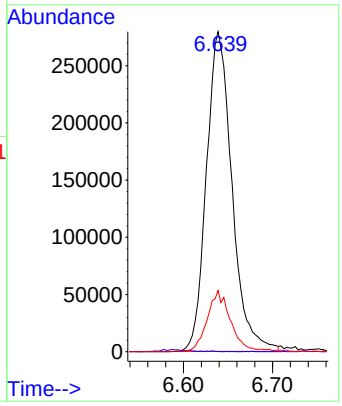


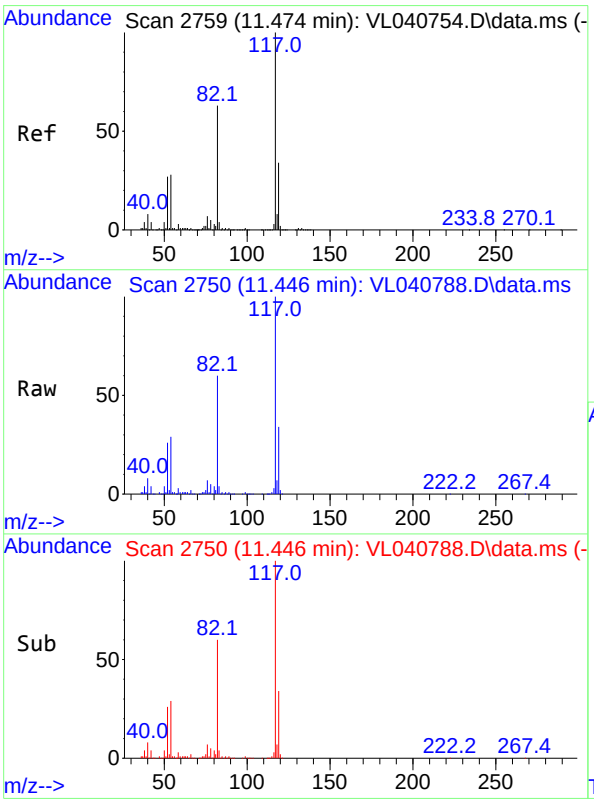
#39
1,2-Dichloropropane
Concen: 7.842 ppbv
RT: 6.639 min Scan# 1
Delta R.T. -0.447 min
Lab File: VL040788.D
Acq: 23 Oct 2023 21:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 556978

Ion	Ratio	Lower	Upper
63	100		
41	0.1	53.7	80.5#
62	18.9	55.7	83.5#

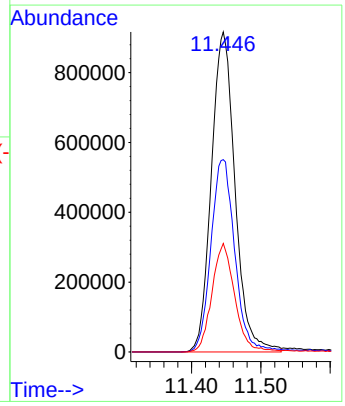


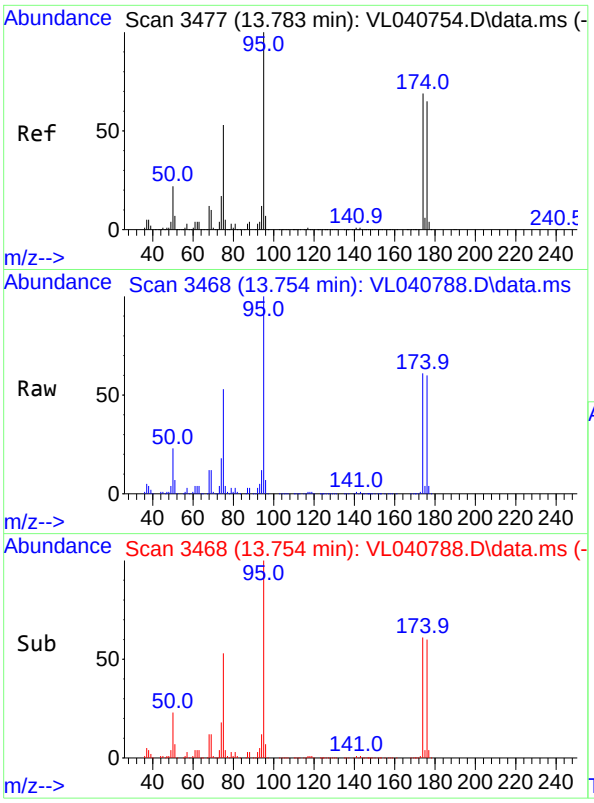


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.446 min Scan# 2750
Delta R.T. -0.029 min
Lab File: VL040788.D
Acq: 23 Oct 2023 21:11

Tgt Ion:117 Resp: 2173270

Ion	Ratio	Lower	Upper
117	100		
82	62.0	46.6	70.0
119	32.9	26.0	39.0



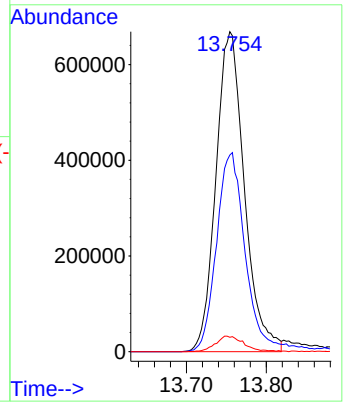


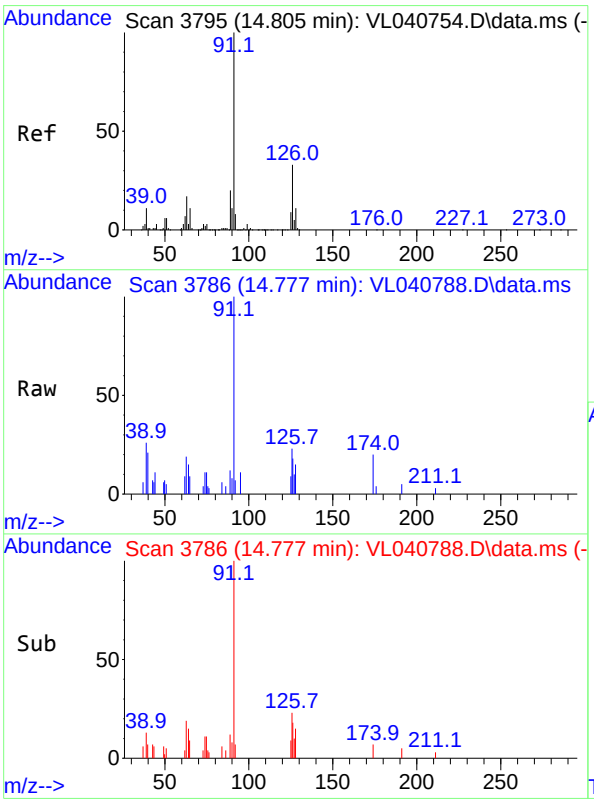
#68
1-Bromo-4-Fluorobenzene
Concen: 10.341 ppbv
RT: 13.754 min Scan# 34
Delta R.T. -0.029 min
Lab File: VL040788.D
Acq: 23 Oct 2023 21:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 1653689

Ion	Ratio	Lower	Upper
95	100		
174	65.4	54.7	82.1
175	4.9	4.2	6.4





#71
2-Chlorotoluene
Concen: 0.033 ppbv
RT: 14.777 min Scan# 3786
Delta R.T. -0.029 min
Lab File: VL040788.D
Acq: 23 Oct 2023 21:11

Tgt Ion: 91 Resp: 8110

Ion	Ratio	Lower	Upper
91	100		
126	41.6	13.3	53.1