Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032422\
Data File : VL038764.D
Acq On : 25 Mar 2022 13:40
Operator : SY/AP
Sample : N2096-02DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV-02-(SB-07)DL

Quant Time: Mar 25 23:22:49 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 21 17:09:26 2022
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.69	49	919273	10.00	ppbv		0.04
33) 1,4-Difluorobenzene	7.20	114	2423668	10.00	ppbv		0.04
55) Chlorobenzene-d5	12.11	117	2097446	10.00	ppbv		0.04
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.45	95	1574585	9.79	ppbv		0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.07	85	5915	0.05	ppbv		93
3) Chlorodifluoromethane	3.02	51	5819	0.06	ppbv	#	78
4) Chloromethane	3.16	50	1703	0.03	ppbv	#	67
9) Propene	3.03	41	119047	2.54	ppbv		92
11) Trichlorofluoromethane	3.97	101	8305	0.08	ppbv		94
13) Ethanol	3.63	45	20359	3.94	ppbv	#	37
15) Acetone	3.89	43	129590	1.63	ppbv	#	88
16) 1,3-Butadiene	3.33	39	19791	0.44	ppbv	#	50
20) Methylene Chloride	4.37	84	212168	6.35	ppbv		99
21) Allyl Chloride	4.37	41	6596	0.12	ppbv	#	38
25) Ethyl Acetate	5.71	43	129147	0.65	ppbv	#	77
26) Hexane	5.71	57	194455	2.18	ppbv	#	38
27) Carbon Disulfide	4.58	76	19966	0.23	ppbv	#	86
30) Cyclohexane	7.17	84	3333	0.04	ppbv	#	1
34) 2-Butanone	5.29	43	3000	0.03	ppbv	#	46
36) Benzene	6.92	78	8312	0.04	ppbv	#	74
38) Trichloroethene	7.86	130	2595	0.03	ppbv	#	67
39) 1,2-Dichloropropane	7.20	63	546475	7.47	ppbv	#	29

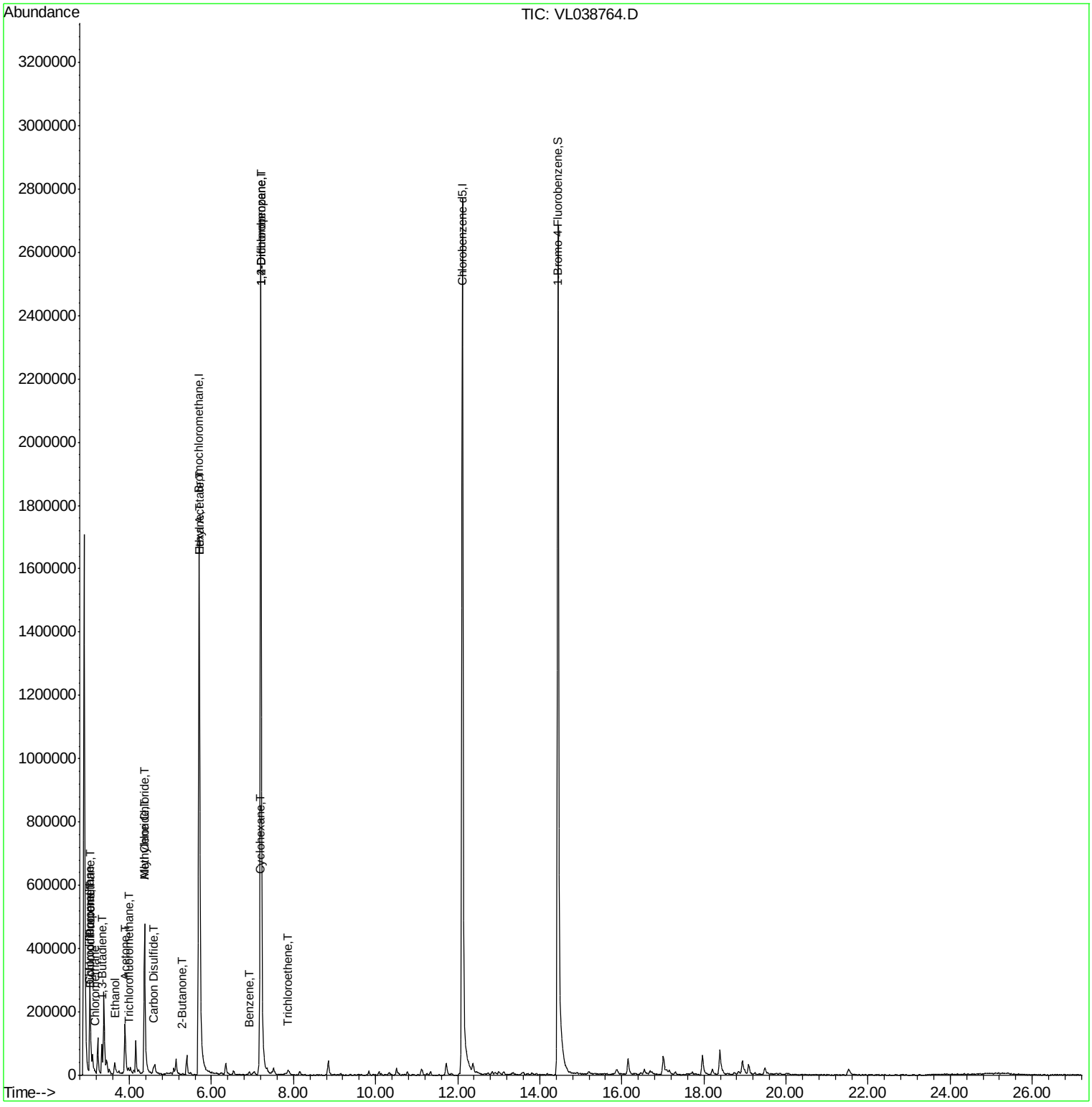
(#) = qualifier out of range (m) = manual integration (+) = signals summed

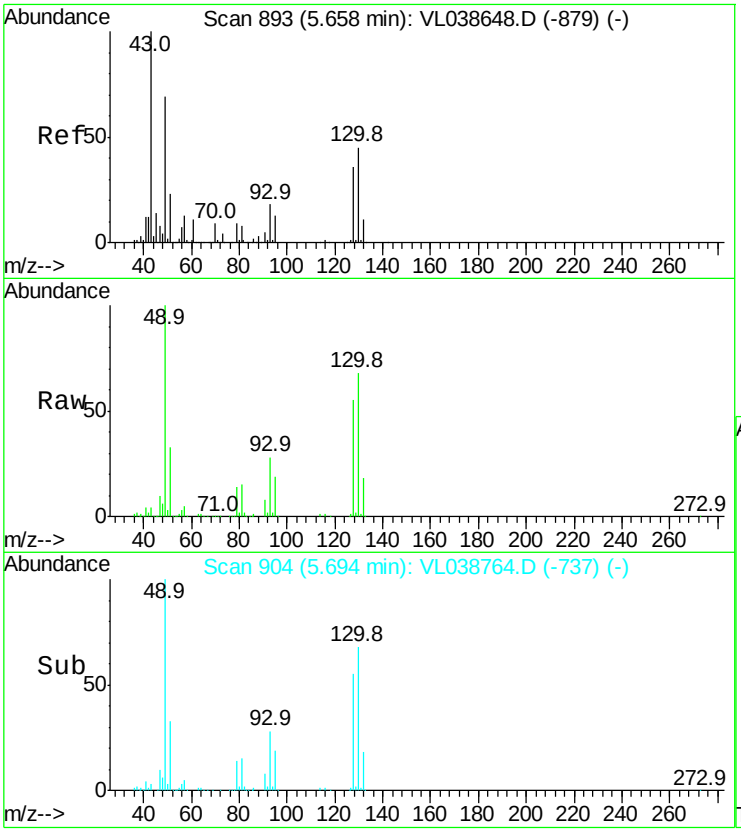
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032422\
Data File : VL038764.D
Acq On : 25 Mar 2022 13:40
Operator : SY/AP
Sample : N2096-02DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV-02-(SB-07)DL

Quant Time: Mar 25 23:22:49 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 21 17:09:26 2022
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration



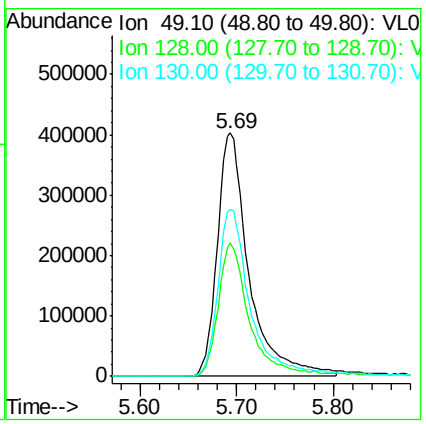


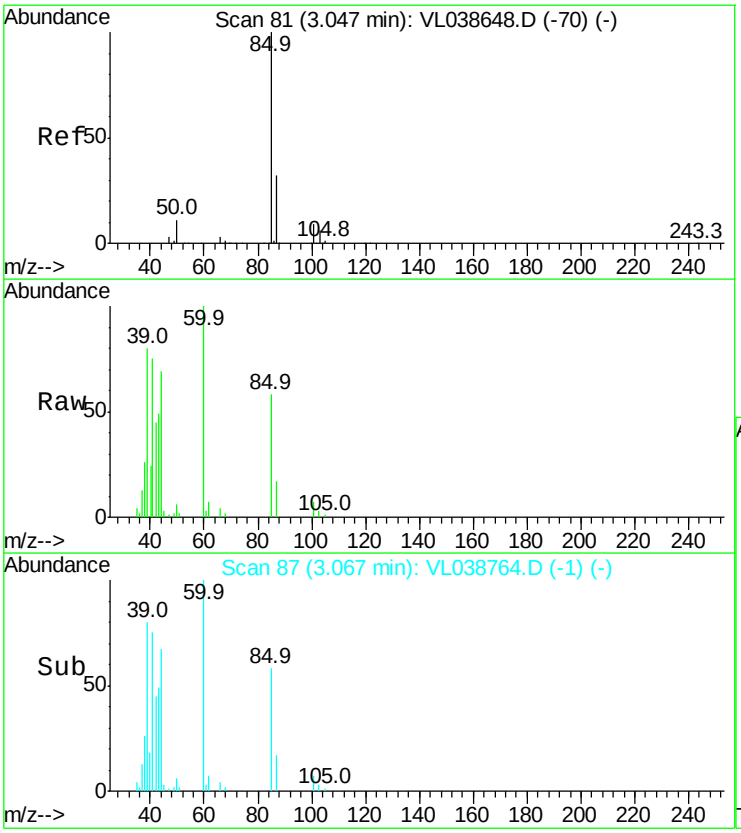
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.69
Delta R.T
Lab File:
Acq: 25 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
SV-02-(SB-07)DL

Tgt Ion: 49 Resp: 919273

Ion	Ratio	Lower	Upper
49	100		
128	55.8	26.2	78.6
130	72.5	33.7	101.1

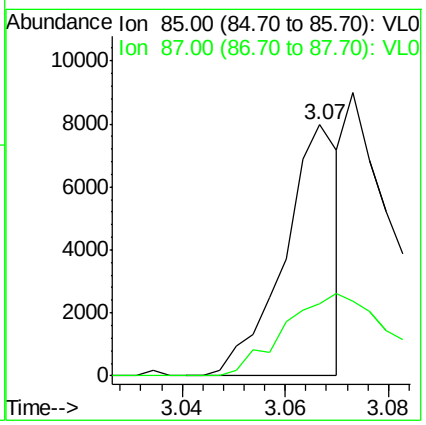


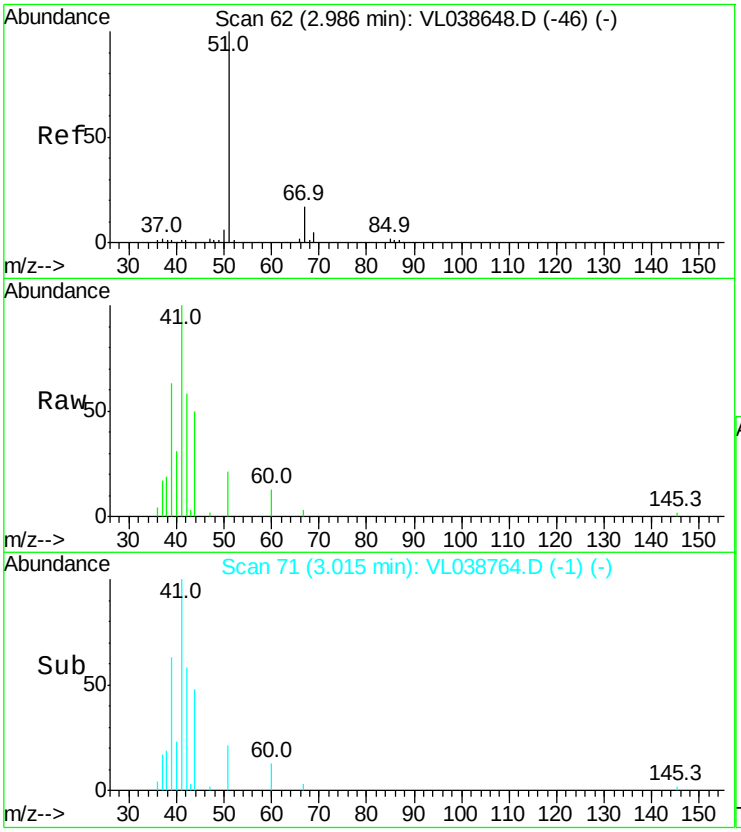


#2
Dichlorodifluoromethane
Concen: 0.05 ppbv
RT: 3.07 min Scan# 87
Delta R.T. 0.02 min
Lab File: VL038764.D
Acq: 25 Mar 2022 13:40

Tgt Ion: 85 Resp: 5915

Ion	Ratio	Lower	Upper
85	100		
87	28.7	26.0	39.0



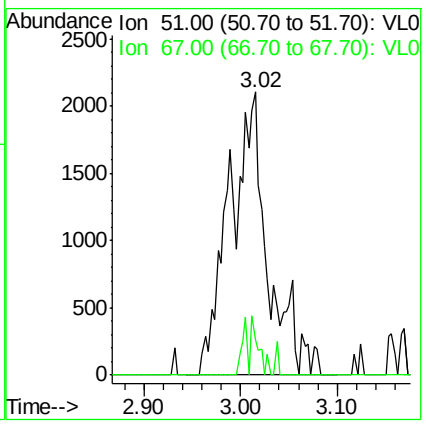


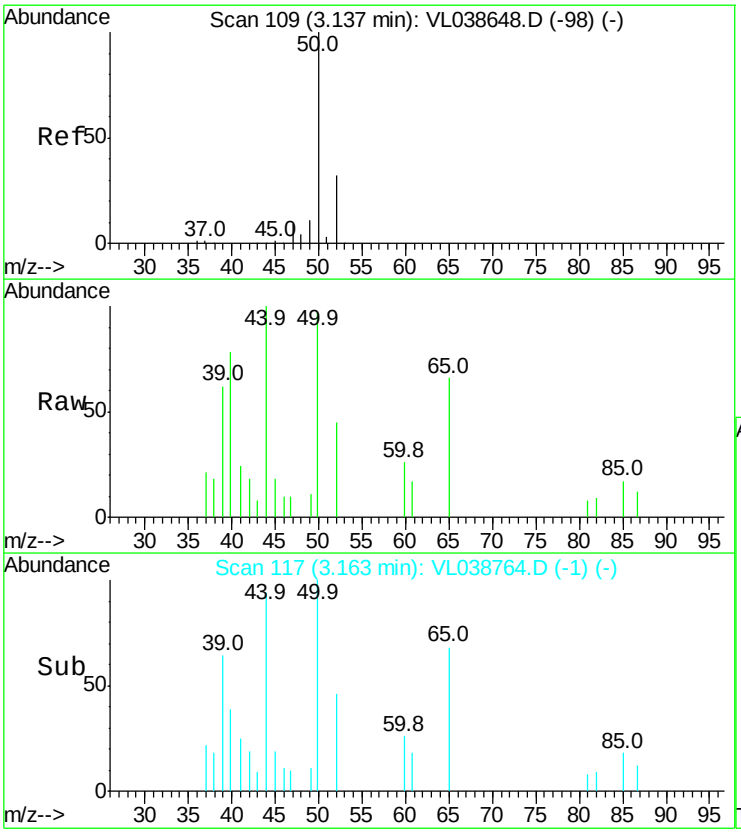
#3
Chlorodifluoromethane
Concen: 0.06 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 25 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
SV-02-(SB-07)DL

Tgt Ion: 51 Resp: 5819

Ion	Ratio	Lower	Upper
51	100		
67	7.8	14.1	21.1#

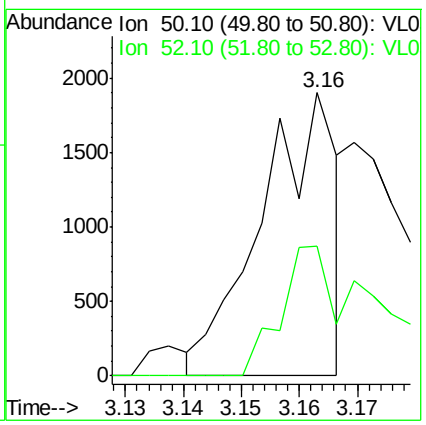


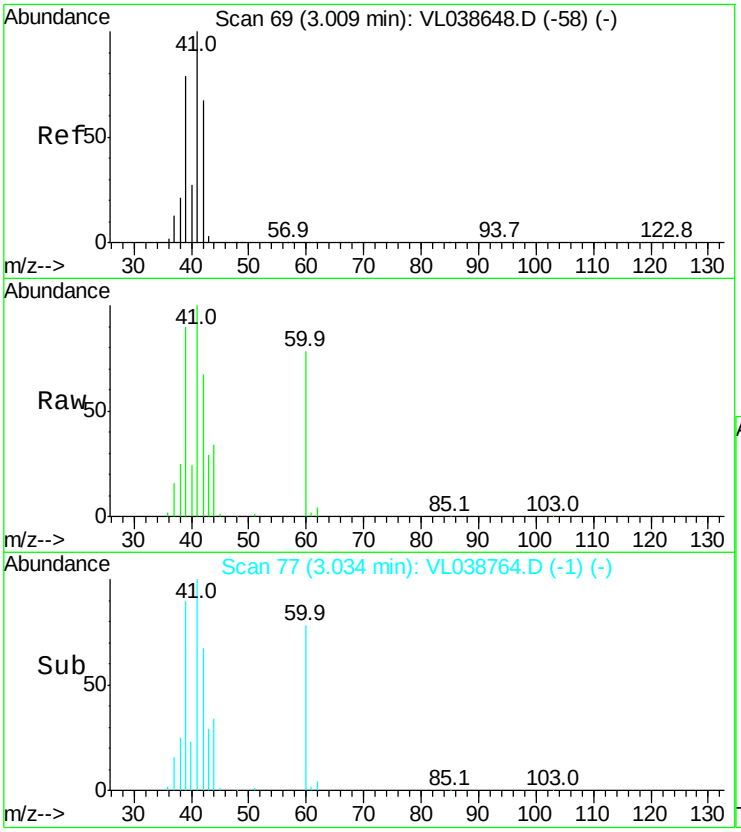


#4
Chloromethane
Concen: 0.03 ppbv
RT: 3.16 min Scan# 117
Delta R.T. 0.03 min
Lab File: VL038764.D
Acq: 25 Mar 2022 13:40

Tgt Ion: 50 Resp: 1703

Ion	Ratio	Lower	Upper
50	100		
52	50.0	25.5	38.3#



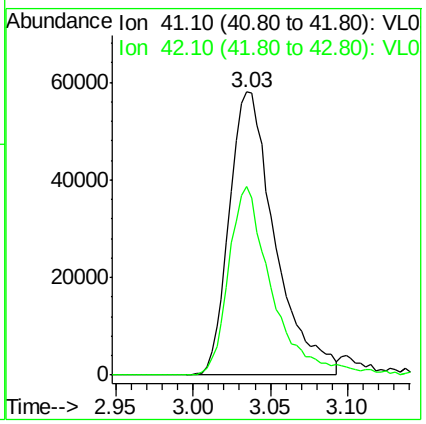


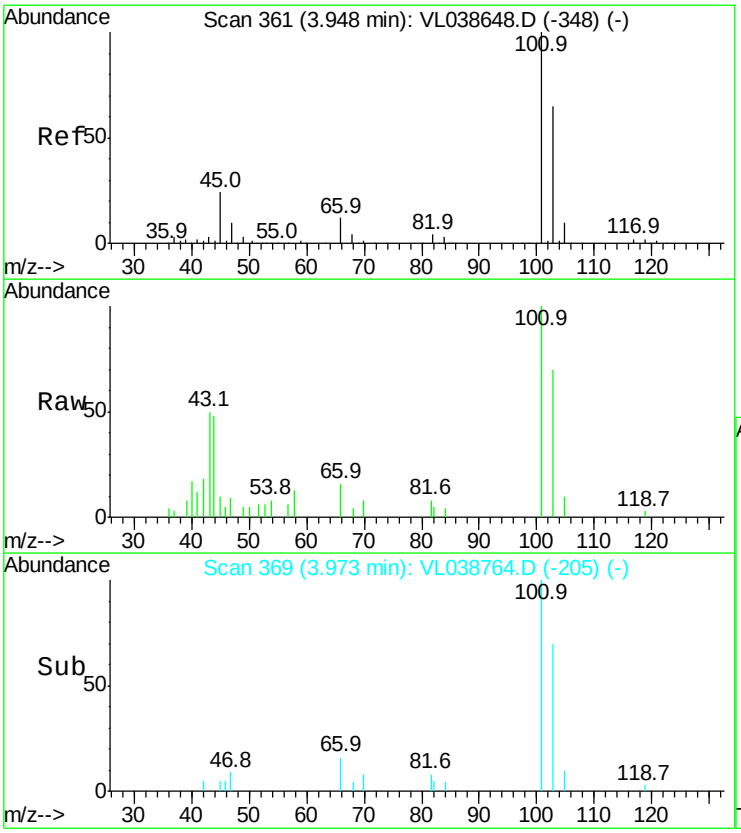
#9
Propene
Concen: 2.54 ppbv
RT: 3.03
Delta R.T
Lab File:
Acq: 25 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
SV-02-(SB-07)DL

Tgt Ion: 41 Resp: 119047

Ion	Ratio	Lower	Upper
41	100		
42	63.4	56.2	84.4

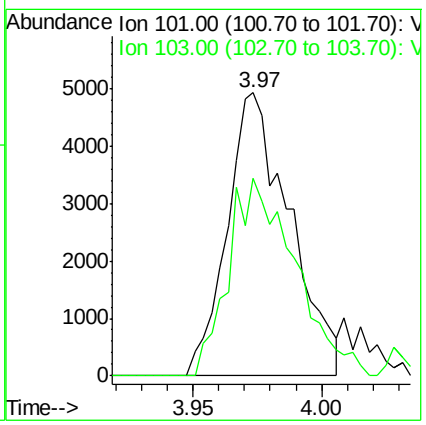


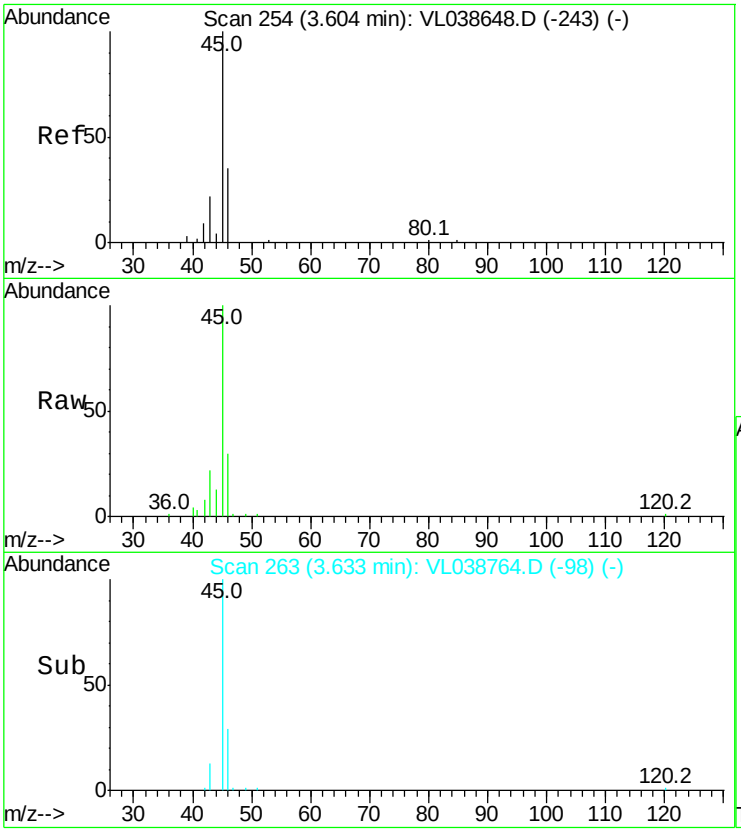


#11
Trichlorofluoromethane
Concen: 0.08 ppbv
RT: 3.97 min Scan# 369
Delta R.T. 0.03 min
Lab File: VL038764.D
Acq: 25 Mar 2022 13:40

Tgt Ion:101 Resp: 8305

Ion	Ratio	Lower	Upper
101	100		
103	69.8	51.9	77.9



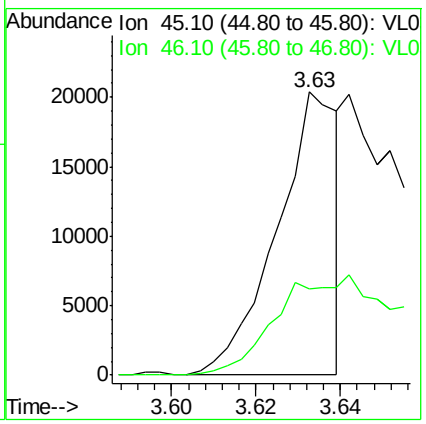


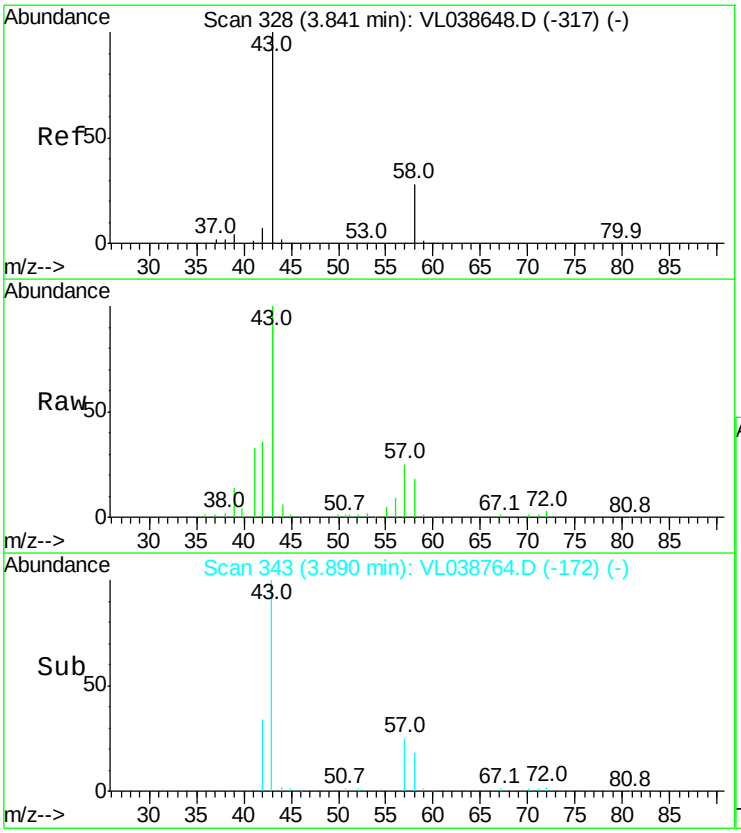
#13
Ethanol
Concen: 3.94 ppbv
RT: 3.63
Delta R.T
Lab File:
Acq: 25 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
SV-02-(SB-07)DL

Tgt Ion: 45 Resp: 20359

Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.1	60.5#

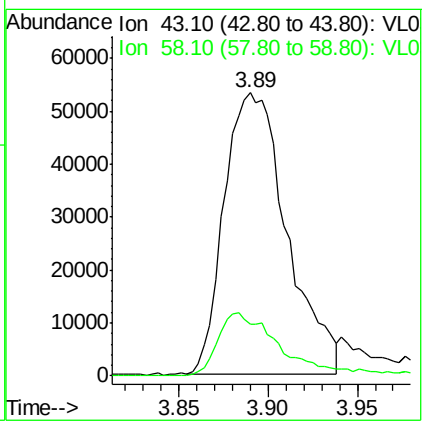


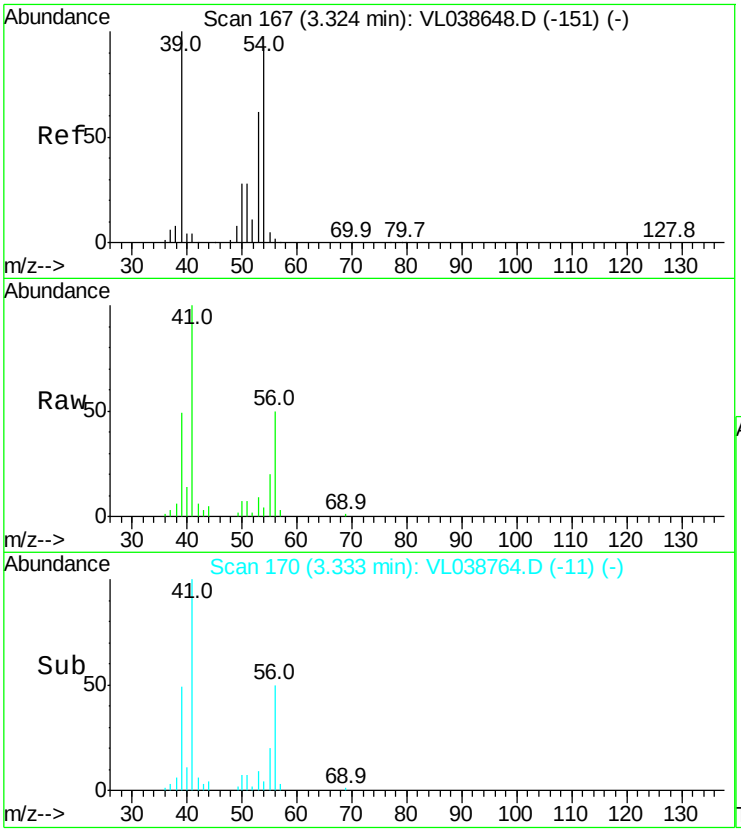


#15
Acetone
Concen: 1.63 ppbv
RT: 3.89 min Scan# 343
Delta R.T. 0.05 min
Lab File: VL038764.D
Acq: 25 Mar 2022 13:40

Tgt Ion: 43 Resp: 129590

Ion	Ratio	Lower	Upper
43	100		
58	22.5	23.3	34.9#



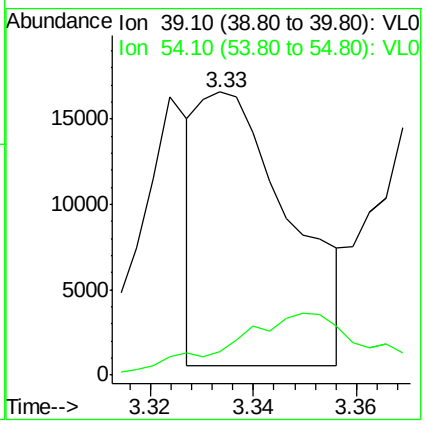


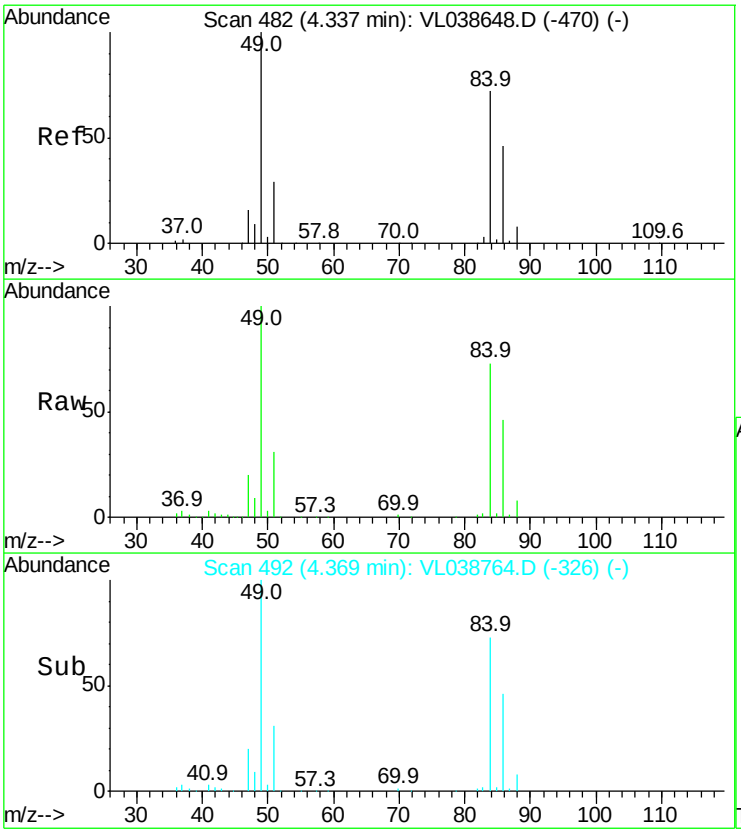
#16
1,3-Butadiene
Concen: 0.44 ppbv
RT: 3.33
Delta R.T
Lab File:
Acq: 25 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
SV-02-(SB-07)DL

Tgt Ion: 39 Resp: 19791

Ion	Ratio	Lower	Upper
39	100		
54	40.5	69.1	103.7#

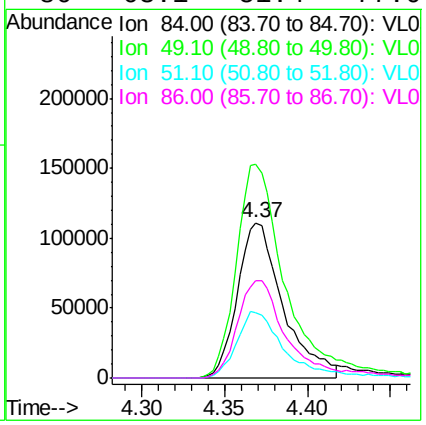


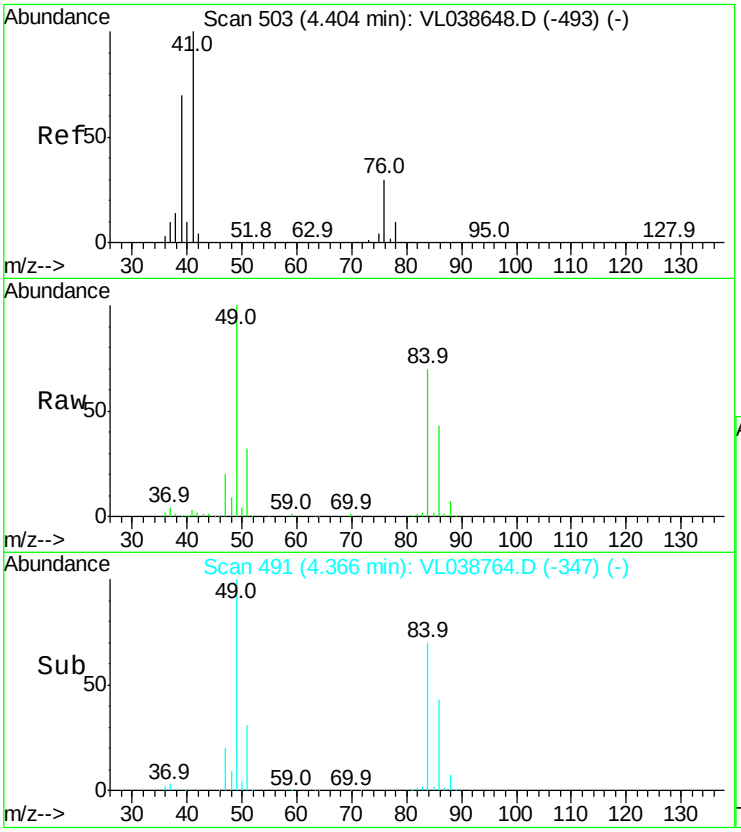


#20
Methylene Chloride
Concen: 6.35 ppbv
RT: 4.37 min Scan# 492
Delta R.T. 0.03 min
Lab File: VL038764.D
Acq: 25 Mar 2022 13:40

Tgt Ion: 84 Resp: 212168

Ion	Ratio	Lower	Upper
84	100		
49	137.5	111.2	166.8
51	42.3	32.8	49.2
86	63.1	51.4	77.0



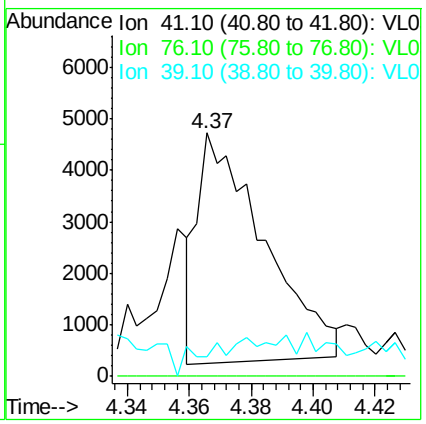


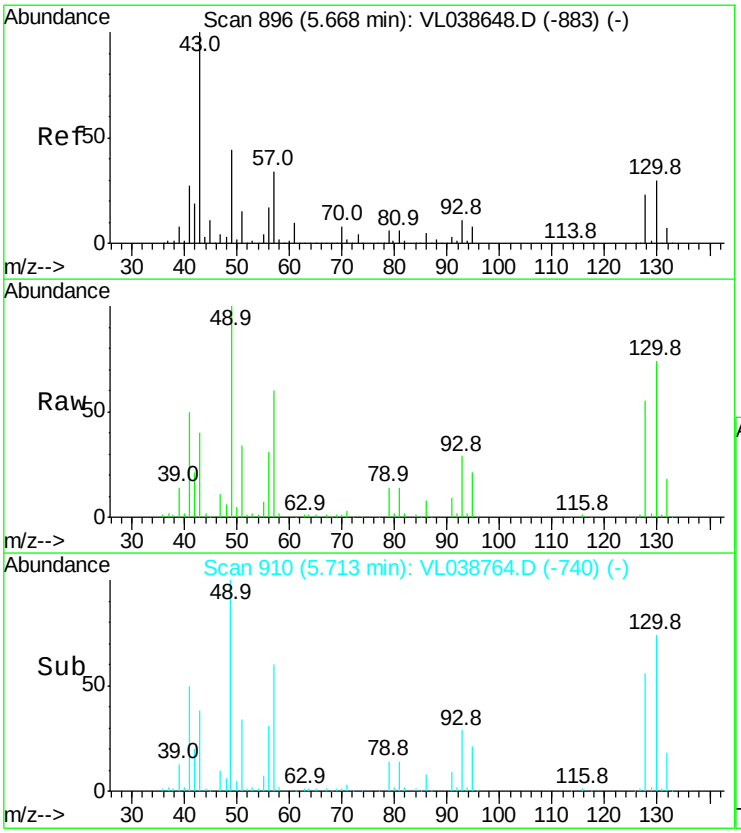
#21
Allyl Chloride
Concen: 0.12 ppbv
RT: 4.37
Delta R.T
Lab File:
Acq: 25 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
SV-02-(SB-07)DL

Tgt Ion: 41 Resp: 6596

Ion	Ratio	Lower	Upper
41	100		
76	0.0	25.0	37.6#
39	17.4	56.6	85.0#

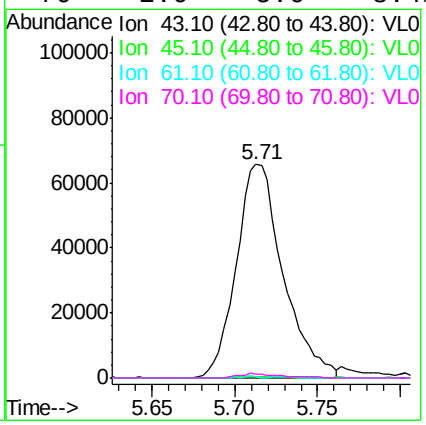


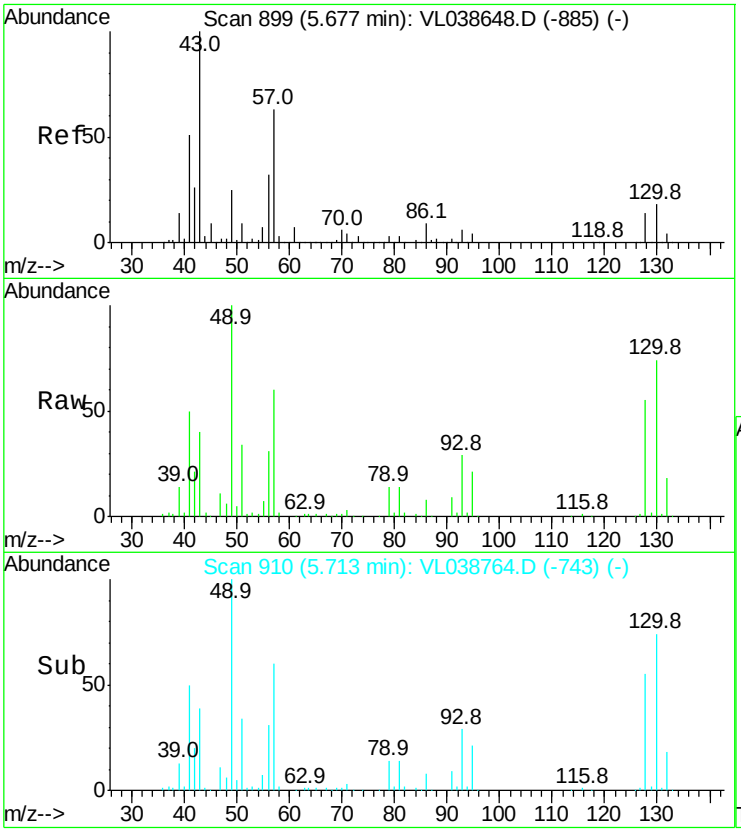


#25
Ethyl Acetate
Concen: 0.65 ppbv
RT: 5.71 min Scan# 910
Delta R.T. 0.05 min
Lab File: VL038764.D
Acq: 25 Mar 2022 13:40

Tgt Ion: 43 Resp: 129147

Ion	Ratio	Lower	Upper
43	100		
45	0.7	8.2	12.4#
61	0.6	8.3	12.5#
70	2.0	5.6	8.4#



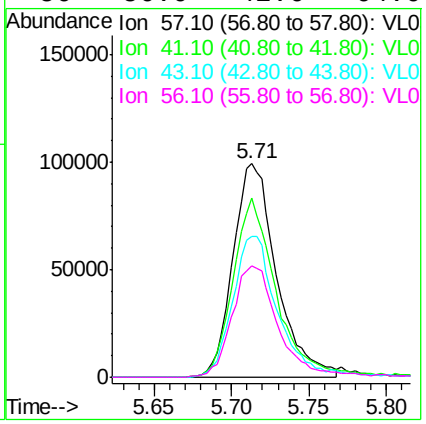


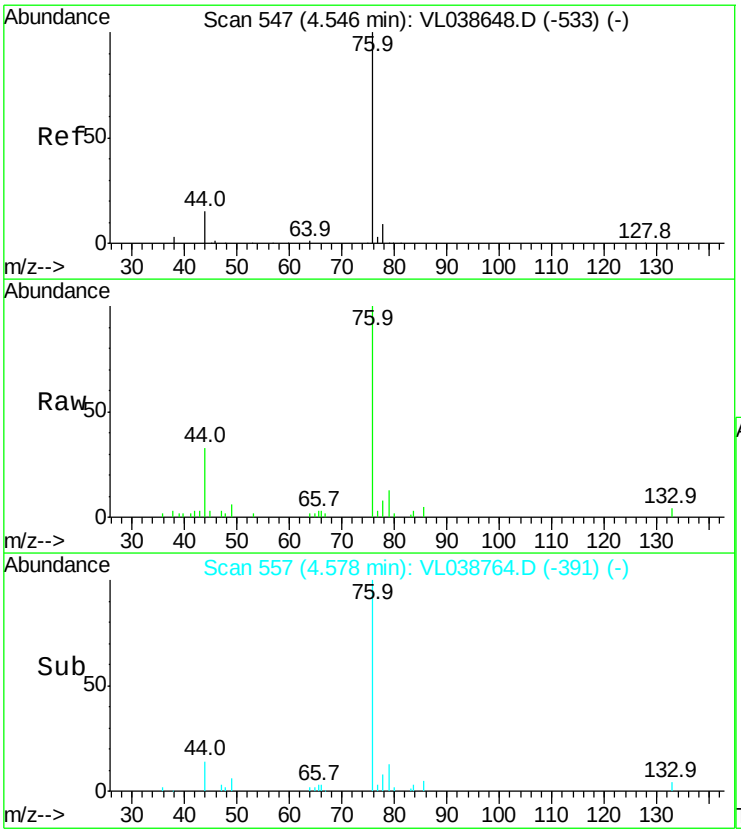
#26
Hexane
Concen: 2.18 ppbv
RT: 5.71
Delta R.T
Lab File:
Acq: 25 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
SV-02-(SB-07)DL

Tgt Ion: 57 Resp: 194455

Ion	Ratio	Lower	Upper
57	100		
41	85.4	67.0	100.4
43	69.0	184.2	276.2#
56	56.0	42.6	64.0

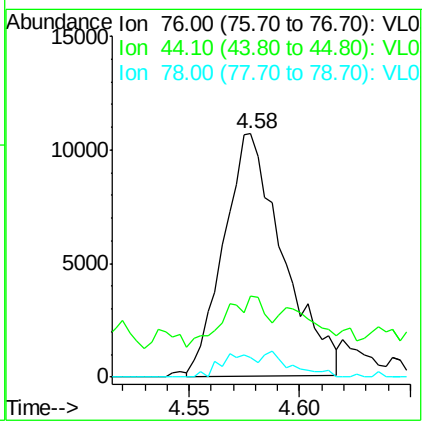


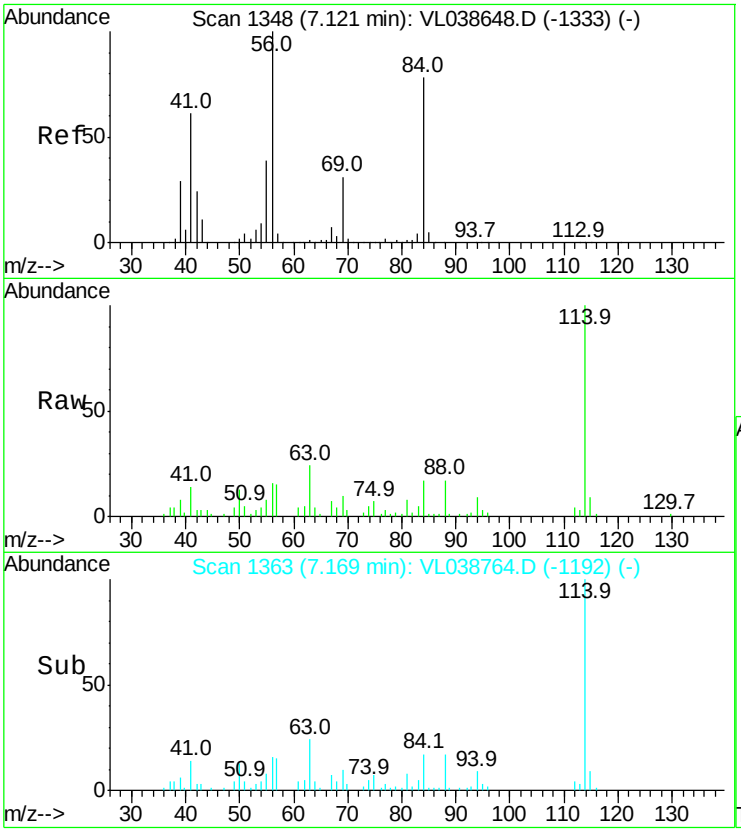


#27
Carbon Disulfide
Concen: 0.23 ppbv
RT: 4.58 min Scan# 557
Delta R.T. 0.03 min
Lab File: VL038764.D
Acq: 25 Mar 2022 13:40

Tgt Ion: 76 Resp: 19966

Ion	Ratio	Lower	Upper
76	100		
44	24.1	12.4	18.6#
78	10.9	7.8	11.8



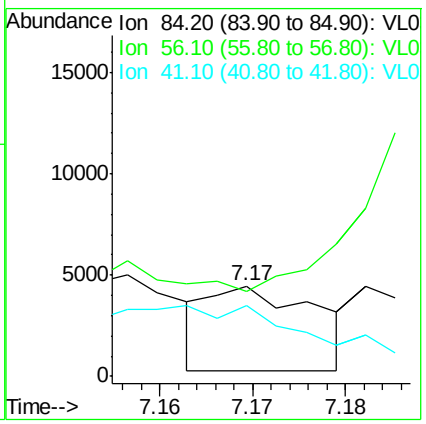


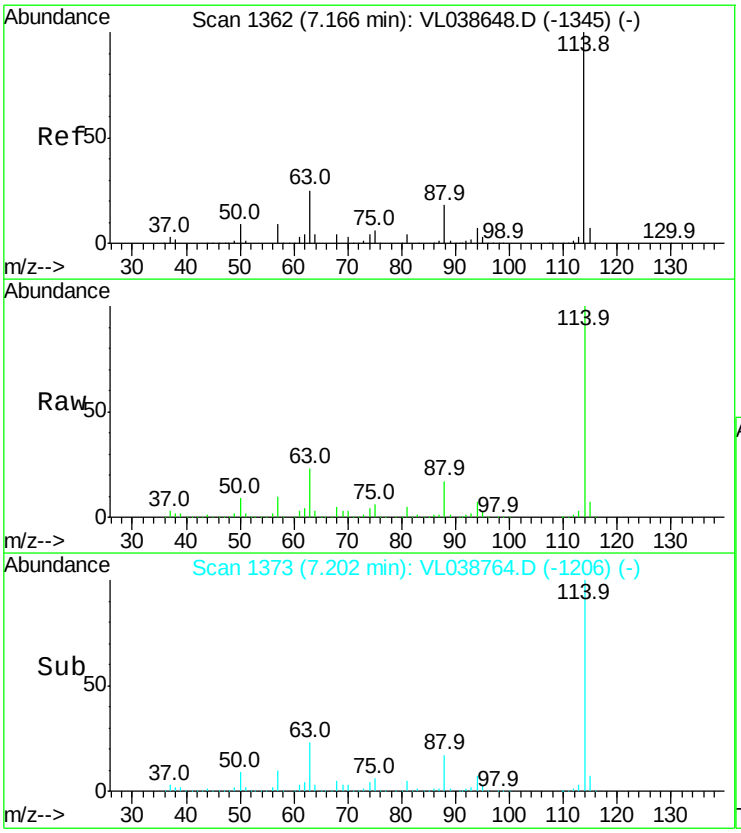
#30
Cyclohexane
Concen: 0.04 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 25 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
SV-02-(SB-07)DL

Tgt Ion: 84 Resp: 3333

Ion	Ratio	Lower	Upper
84	100		
56	0.0	108.2	162.4#
41	281.2	61.8	92.6#

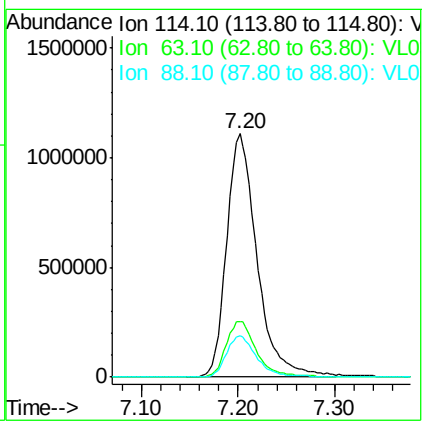


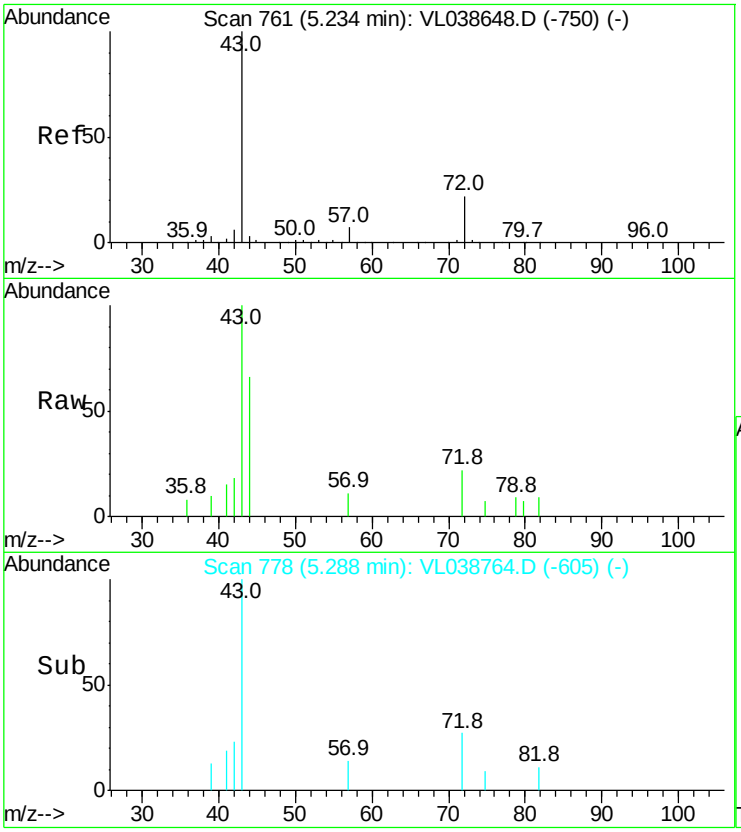


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.20 min Scan# 1373
Delta R.T. 0.04 min
Lab File: VL038764.D
Acq: 25 Mar 2022 13:40

Tgt Ion:114 Resp: 2423668

Ion	Ratio	Lower	Upper
114	100		
63	23.3	19.4	29.0
88	17.3	13.9	20.9



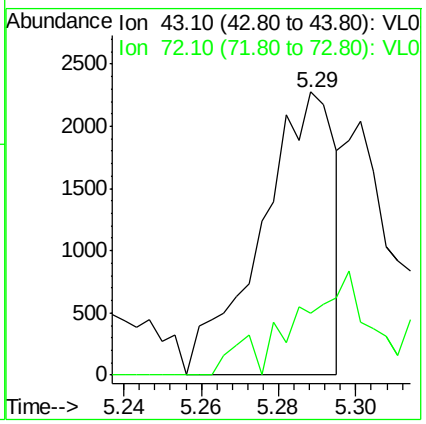


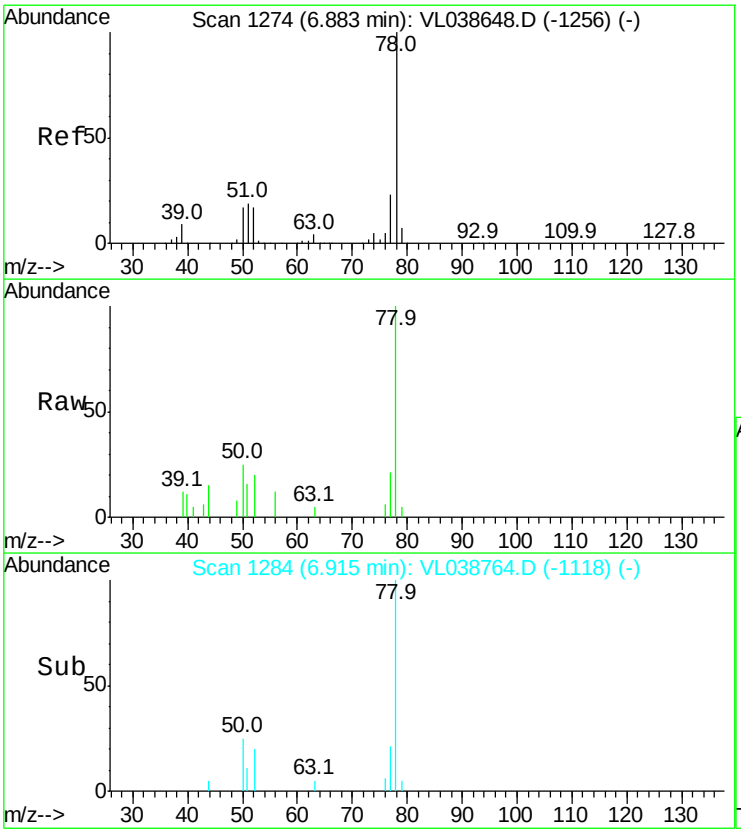
#34
2-Butanone
Concen: 0.03 ppbv
RT: 5.29
Delta R.T
Lab File:
Acq: 25 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
SV-02-(SB-07)DL

Tgt Ion: 43 Resp: 3000

Ion	Ratio	Lower	Upper
43	100		
72	48.0	17.8	26.8#

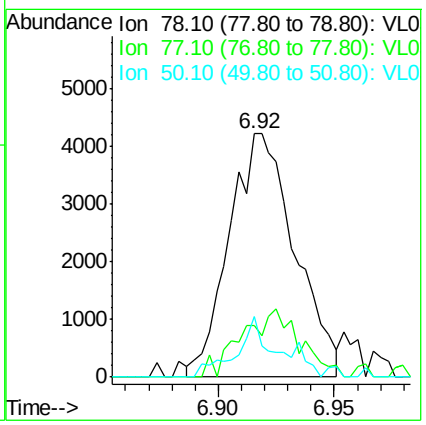


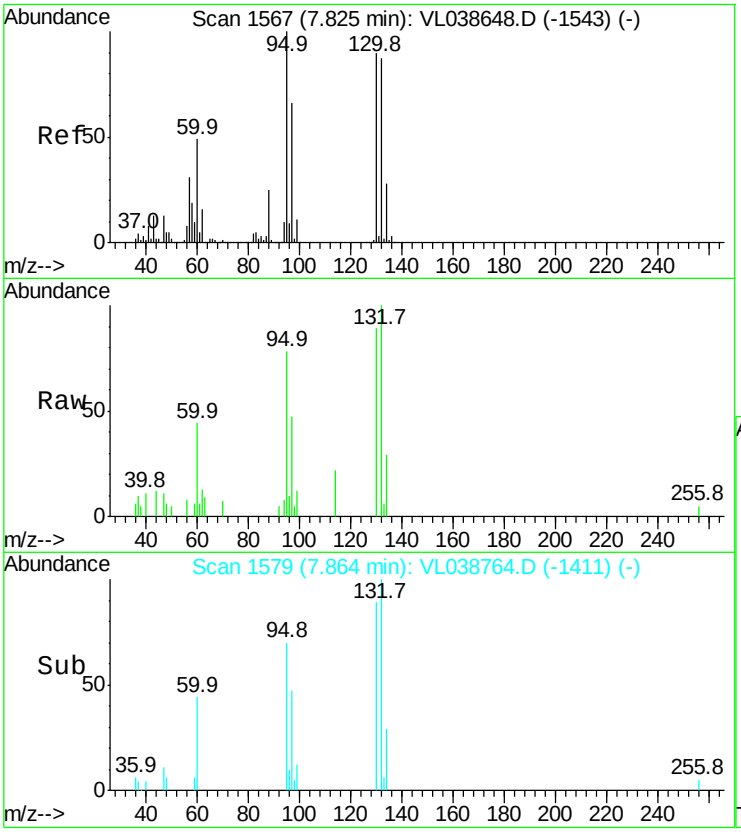


#36
Benzene
Concen: 0.04 ppbv
RT: 6.92 min Scan# 1284
Delta R.T. 0.03 min
Lab File: VL038764.D
Acq: 25 Mar 2022 13:40

Tgt Ion: 78 Resp: 8312

Ion	Ratio	Lower	Upper
78	100		
77	22.0	18.1	27.1
50	42.9	13.6	20.4#



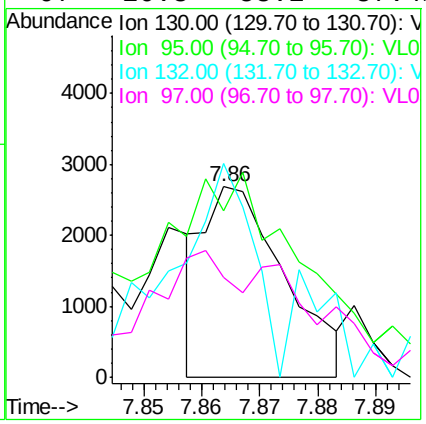


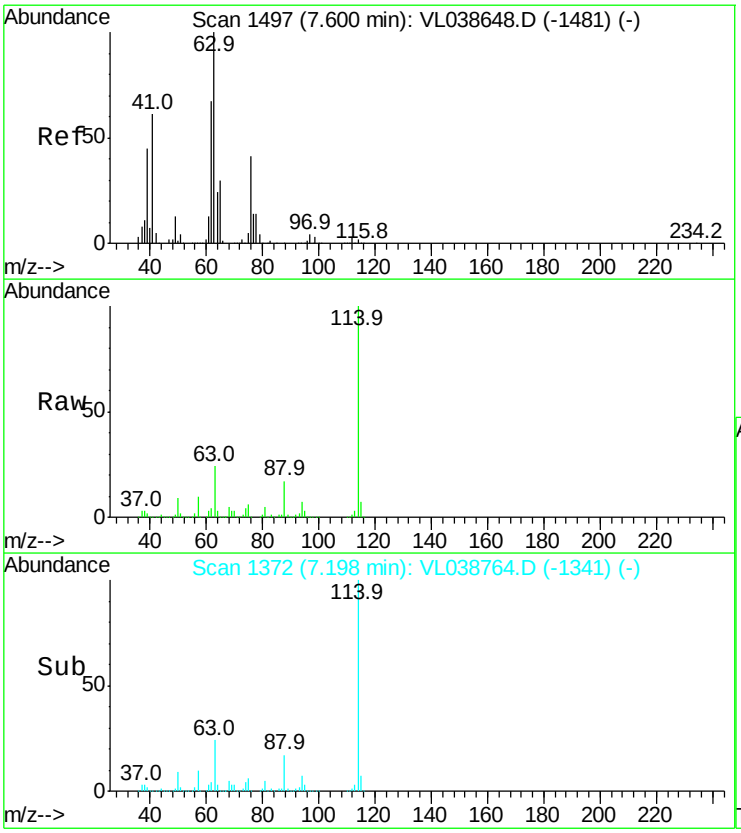
#38
Trichloroethene
Concen: 0.03 ppbv
RT: 7.86
Delta R.T
Lab File:
Acq: 25 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
SV-02-(SB-07)DL

Tgt Ion:130 Resp: 2595

Ion	Ratio	Lower	Upper
130	100		
95	72.4	88.9	133.3#
132	89.3	77.4	116.0
97	20.3	58.2	87.4#

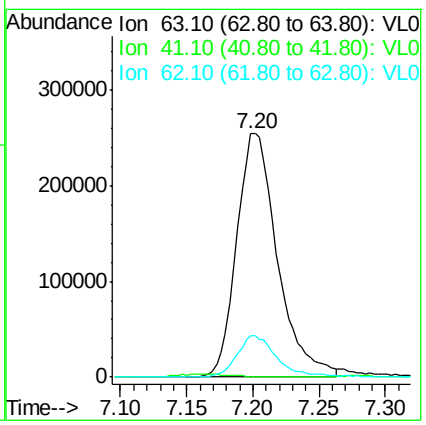


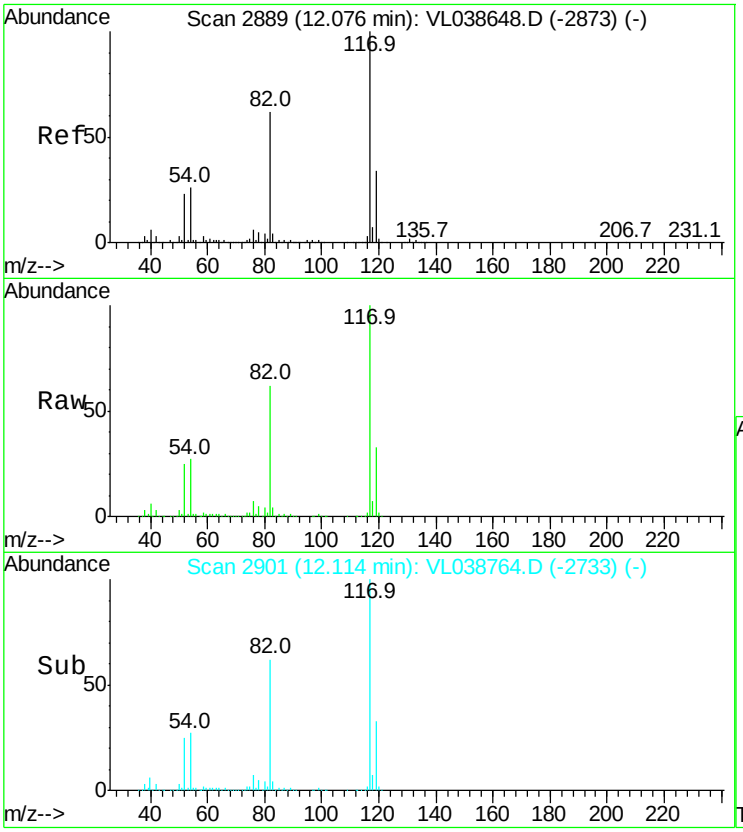


#39
1,2-Dichloropropane
Concen: 7.47 ppbv
RT: 7.20 min Scan# 1372
Delta R.T. -0.40 min
Lab File: VL038764.D
Acq: 25 Mar 2022 13:40

Tgt Ion: 63 Resp: 546475

Ion	Ratio	Lower	Upper
63	100		
41	0.1	49.0	73.6#
62	16.8	53.9	80.9#



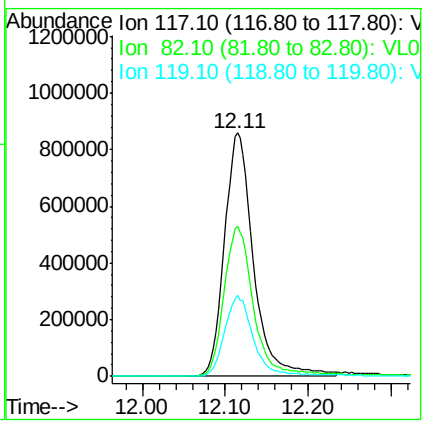


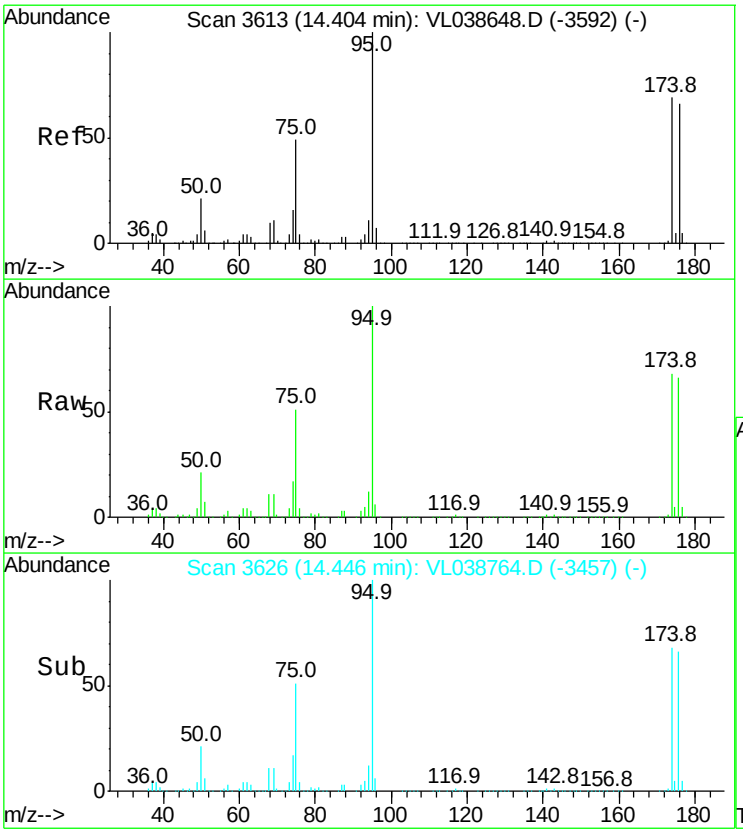
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.11
Delta R.T
Lab File:
Acq: 25 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
SV-02-(SB-07)DL

Tgt Ion:117 Resp: 2097446

Ion	Ratio	Lower	Upper
117	100		
82	63.8	51.6	77.4
119	33.7	26.9	40.3





#68
1-Bromo-4-Fluorobenzene
Concen: 9.79 ppbv
RT: 14.45 min Scan# 3626
Delta R.T. 0.04 min
Lab File: VL038764.D
Acq: 25 Mar 2022 13:40

Tgt Ion: 95 Resp: 1574585

Ion	Ratio	Lower	Upper
95	100		
174	70.6	56.1	84.1
175	5.1	4.2	6.2