Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111921\
Data File : VL038088.D
Acq On : 19 Nov 2021 16:55
Operator : SY/AP
Sample : M4751-01DL2 100X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SVP-1DL2

Quant Time: Nov 22 06:36:10 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Nov 18 13:16:09 2021
QLast Update : Thu Nov 18 13:16:09 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	812638	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	2272329	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.05	117	1861269	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.38	95	1438383	10.71	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 107.10%			
Target Compounds						Qvalue
9) Propene	3.01	41	4121	0.066	ppbv	89
13) Ethanol	3.58	45	452	0.074	ppbv #	32
15) Acetone	3.85	43	26760	0.380	ppbv #	74
20) Methylene Chloride	4.33	84	123654	3.133	ppbv	98
25) Ethyl Acetate	5.66	43	73744	0.315	ppbv #	79
26) Hexane	5.67	57	99489	0.881	ppbv #	44
31) cis-1,2-Dichloroethene	5.53	61	60677	0.565	ppbv	92
34) 2-Butanone	5.66	43	73744	0.805	ppbv #	53
38) Trichloroethene	7.81	130	72790	0.851	ppbv	89
39) 1,2-Dichloropropane	7.15	63	567539	6.527	ppbv #	27
52) Tetrachloroethene	11.19	164	1748290	20.845	ppbv	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111921\
Data File : VL038088.D
Acq On : 19 Nov 2021 16:55
Operator : SY/AP
Sample : M4751-01DL2 100X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SVP-1DL2

Quant Time: Nov 22 06:36:10 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111821AIR.M
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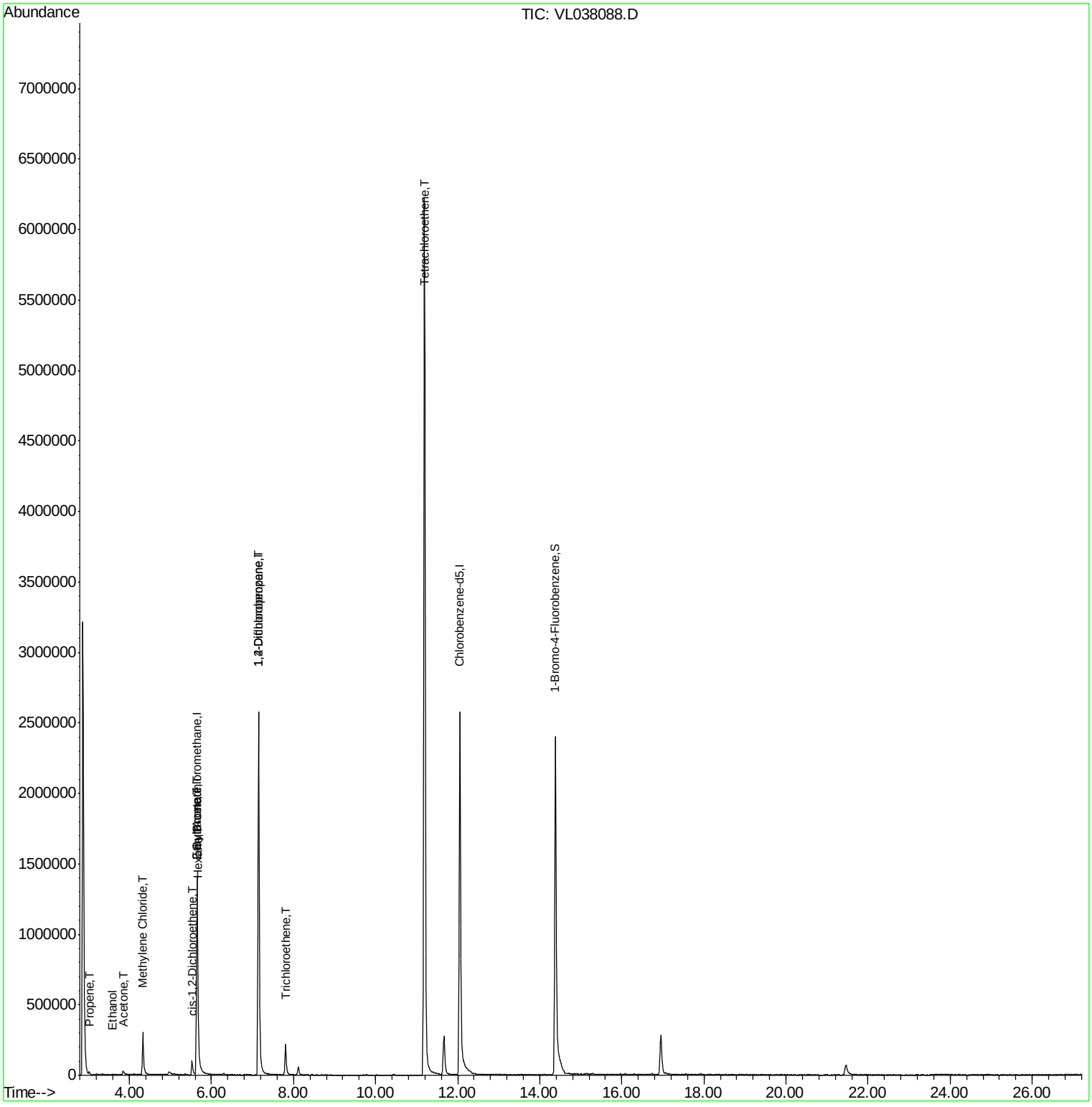
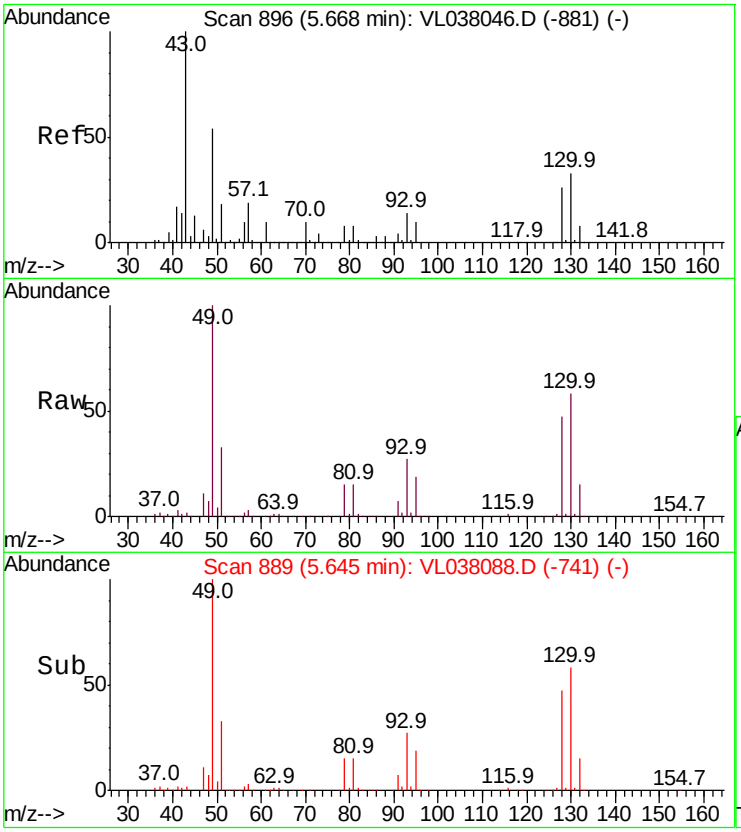


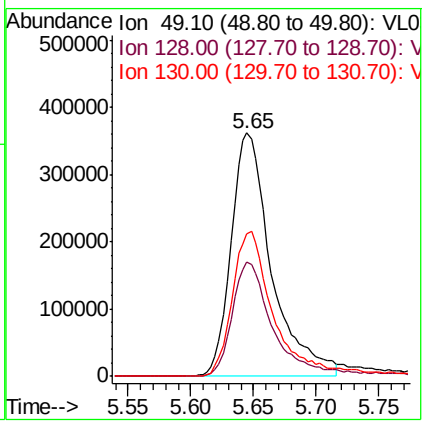


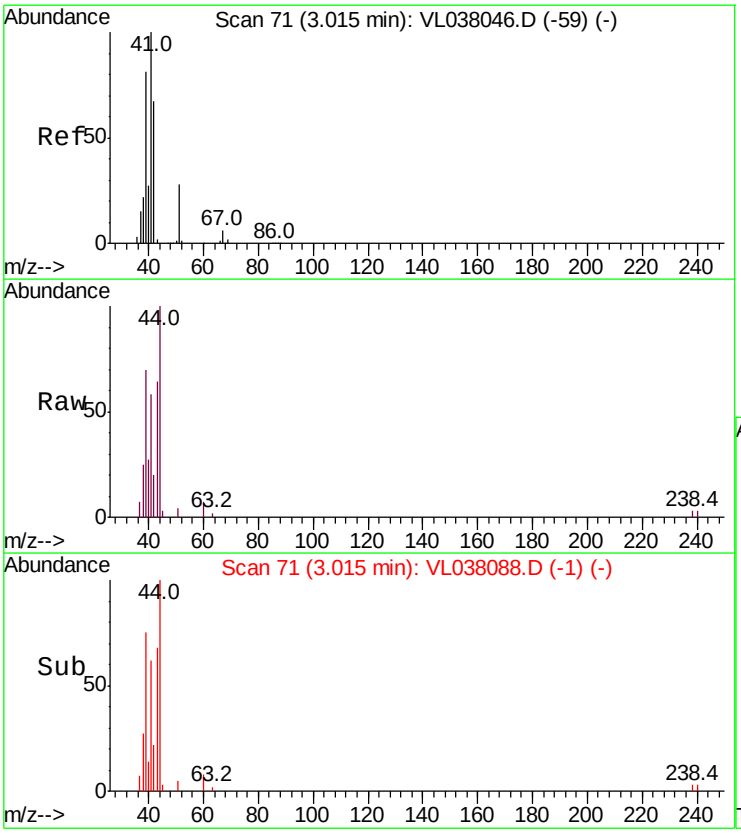
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 19 Nov 2021 16:55

Instrument :
MSVOA_L
ClientSampleId :
SVP-1DL2

Tgt Ion: 49 Resp: 812638

Ion	Ratio	Lower	Upper
49	100		
128	48.8	26.5	79.5
130	62.8	32.5	97.4

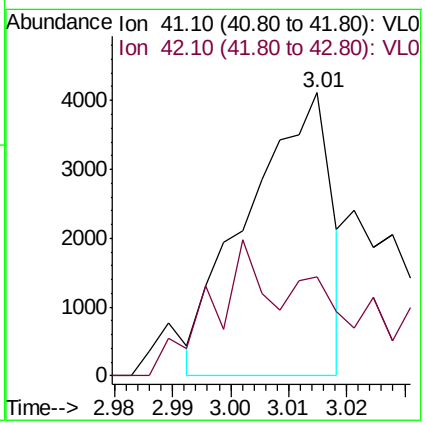


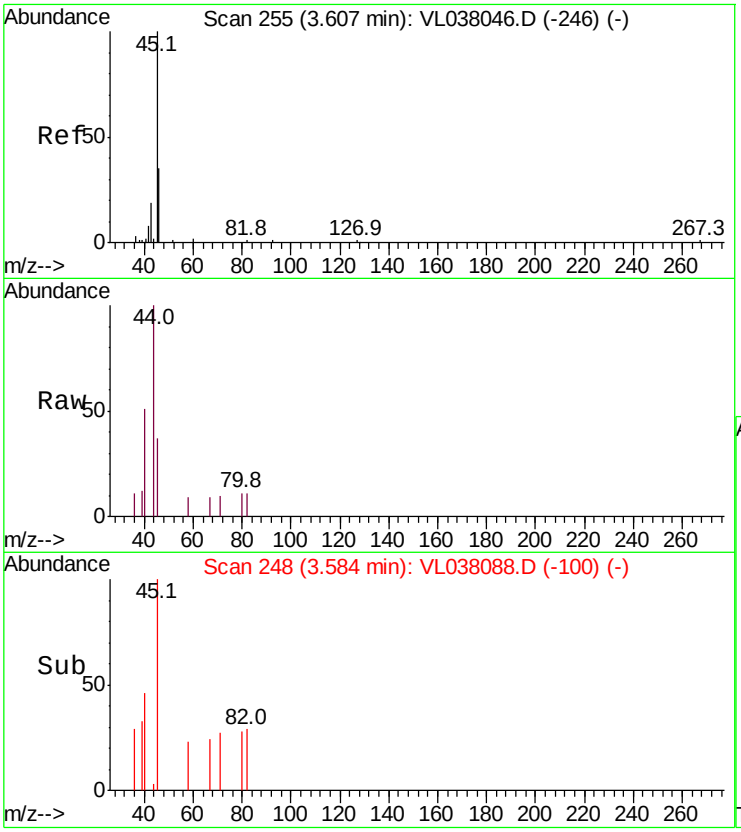


#9
Propene
Concen: 0.066 ppbv
RT: 3.01 min Scan# 71
Delta R.T. -0.00 min
Lab File: VL038088.D
Acq: 19 Nov 2021 16:55

Tgt Ion: 41 Resp: 4121

Ion	Ratio	Lower	Upper
41	100		
42	76.1	53.8	80.8



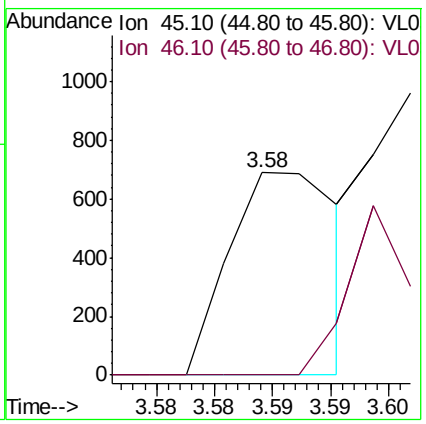


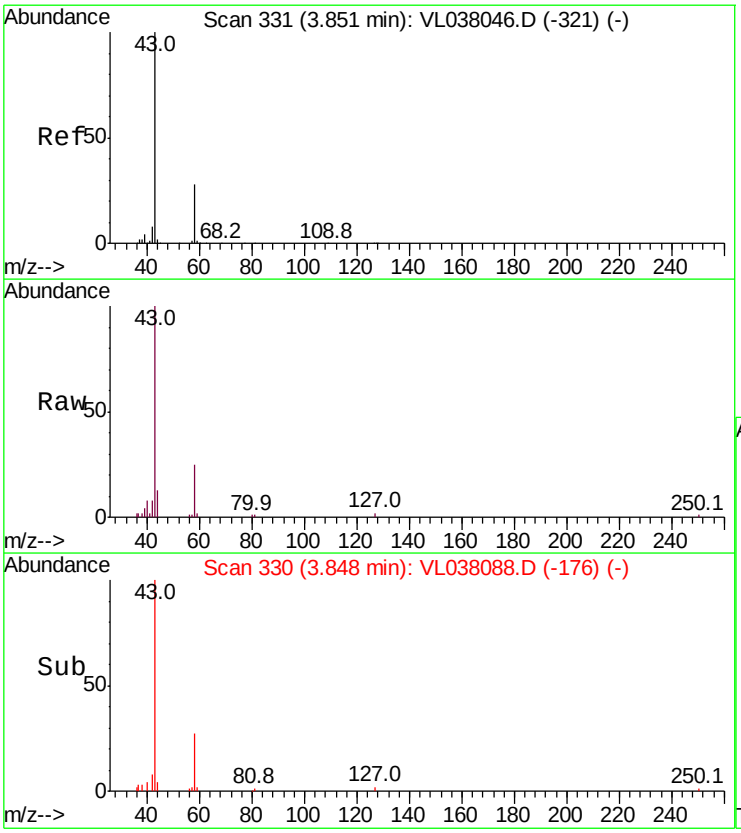
#13
Ethanol
Concen: 0.074 ppbv
RT: 3.58
Delta R.T
Lab File:
Acq: 19 Nov 2021 16:55

Instrument :
MSVOA_L
ClientSampleId :
SVP-1DL2

Tgt Ion: 45 Resp: 452

Ion	Ratio	Lower	Upper
45	100		
46	0.0	17.6	70.2#

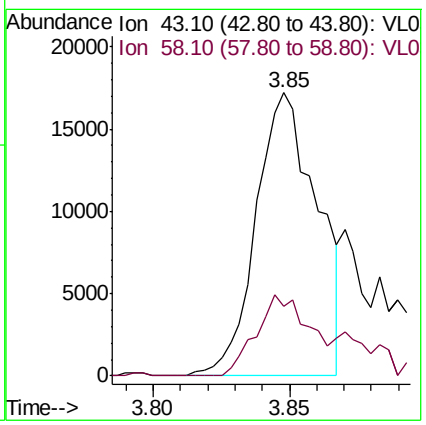


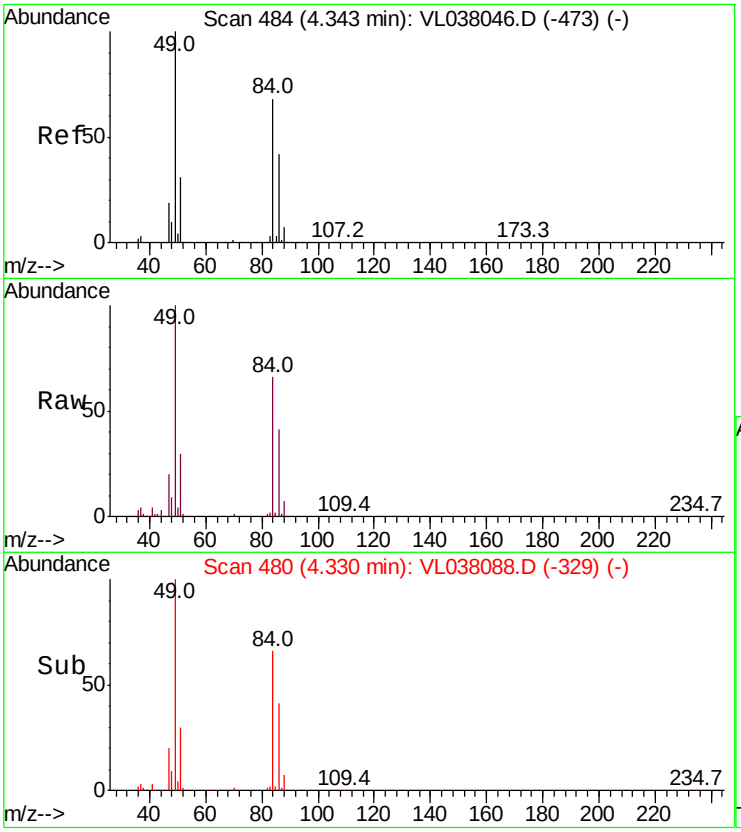


#15
Acetone
Concen: 0.380 ppbv
RT: 3.85 min Scan# 330
Delta R.T. -0.00 min
Lab File: VL038088.D
Acq: 19 Nov 2021 16:55

Tgt Ion: 43 Resp: 26760

Ion	Ratio	Lower	Upper
43	100		
58	41.5	22.4	33.6#



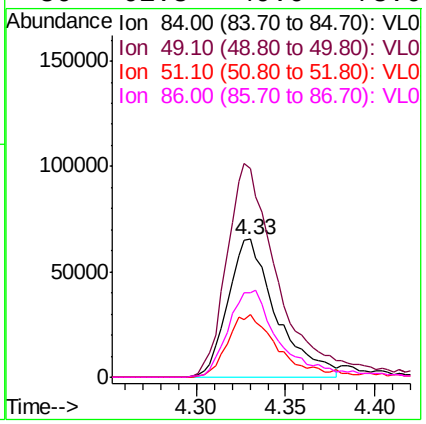


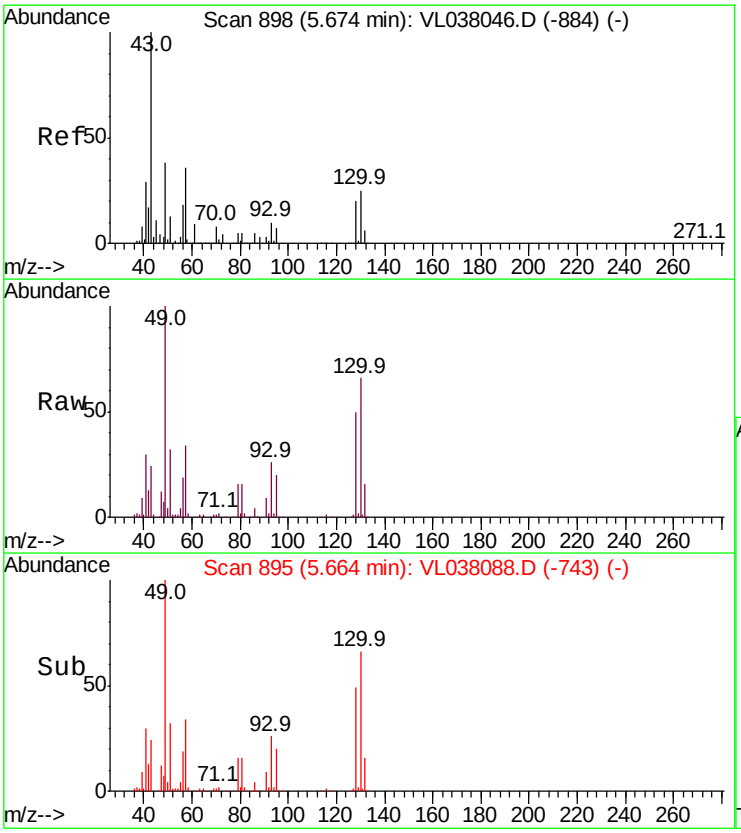
#20
Methylene Chloride
Concen: 3.133 ppbv
RT: 4.33
Delta R.T
Lab File:
Acq: 19 Nov 2021 16:55

Instrument :
MSVOA_L
ClientSampleId :
SVP-1DL2

Tgt Ion: 84 Resp: 123654

Ion	Ratio	Lower	Upper
84	100		
49	150.8	118.2	177.2
51	45.3	36.8	55.2
86	61.3	49.0	73.6

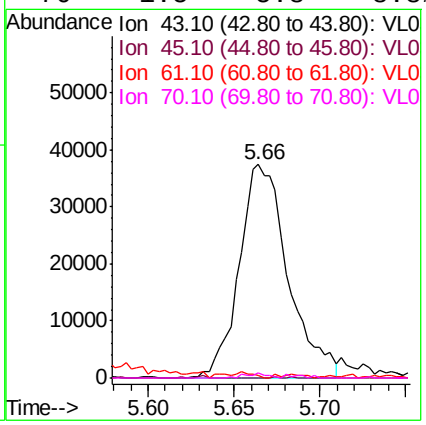


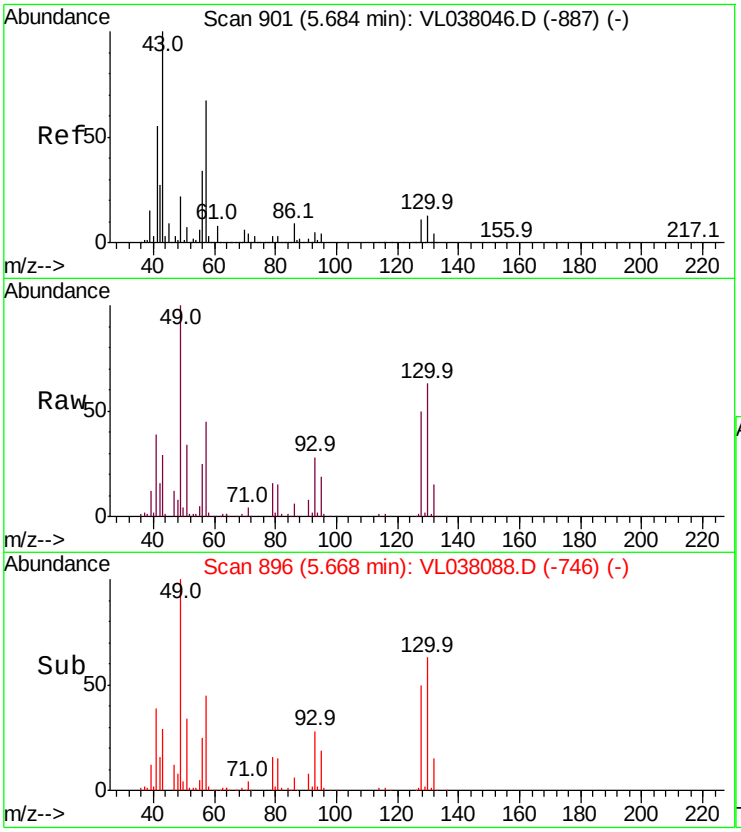


#25
Ethyl Acetate
Concen: 0.315 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.01 min
Lab File: VL038088.D
Acq: 19 Nov 2021 16:55

Tgt Ion: 43 Resp: 73744

Ion	Ratio	Lower	Upper
43	100		
45	0.1	7.9	11.9#
61	3.1	7.8	11.6#
70	1.5	5.8	8.8#



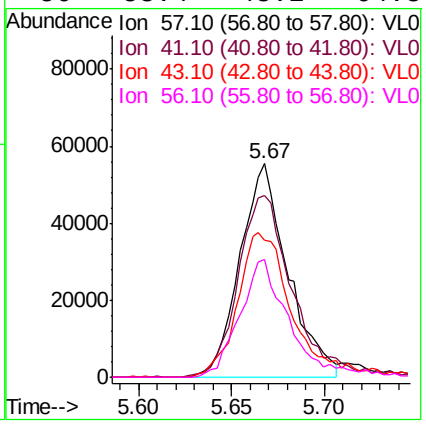


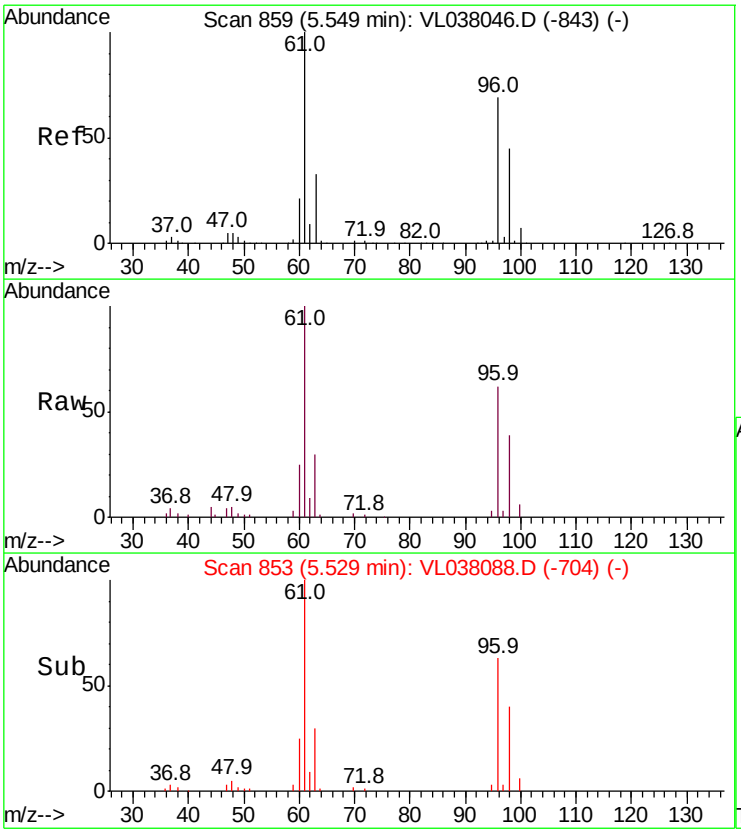
#26
Hexane
Concen: 0.881 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 19 Nov 2021 16:55

Instrument :
MSVOA_L
ClientSampleId :
SVP-1DL2

Tgt Ion: 57 Resp: 99489

Ion	Ratio	Lower	Upper
57	100		
41	99.7	71.4	107.2
43	78.9	174.6	261.8#
56	58.4	43.2	64.8

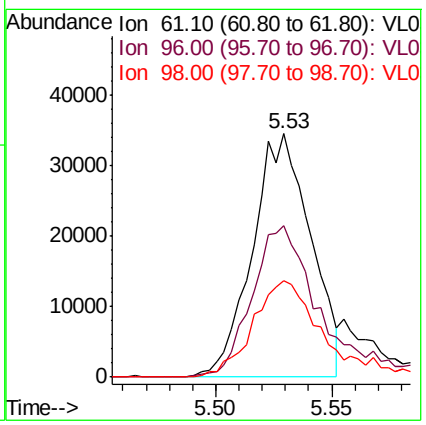


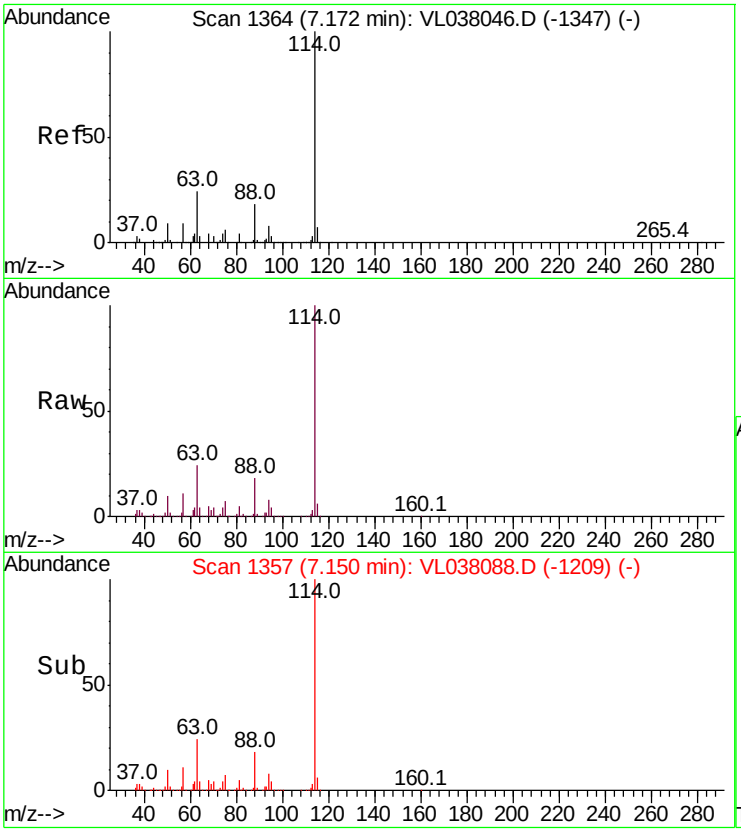


#31
cis-1,2-Dichloroethene
Concen: 0.565 ppbv
RT: 5.53 min Scan# 853
Delta R.T. -0.02 min
Lab File: VL038088.D
Acq: 19 Nov 2021 16:55

Tgt Ion: 61 Resp: 60677

Ion	Ratio	Lower	Upper
61	100		
96	62.4	55.4	83.2
98	39.4	35.7	53.5



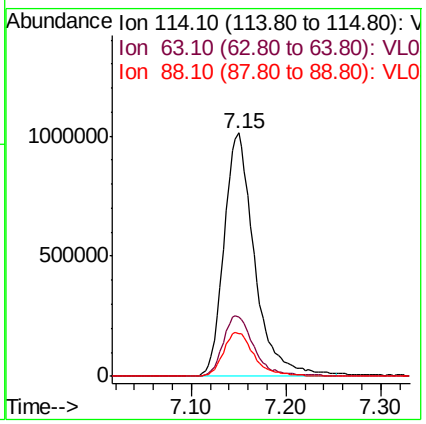


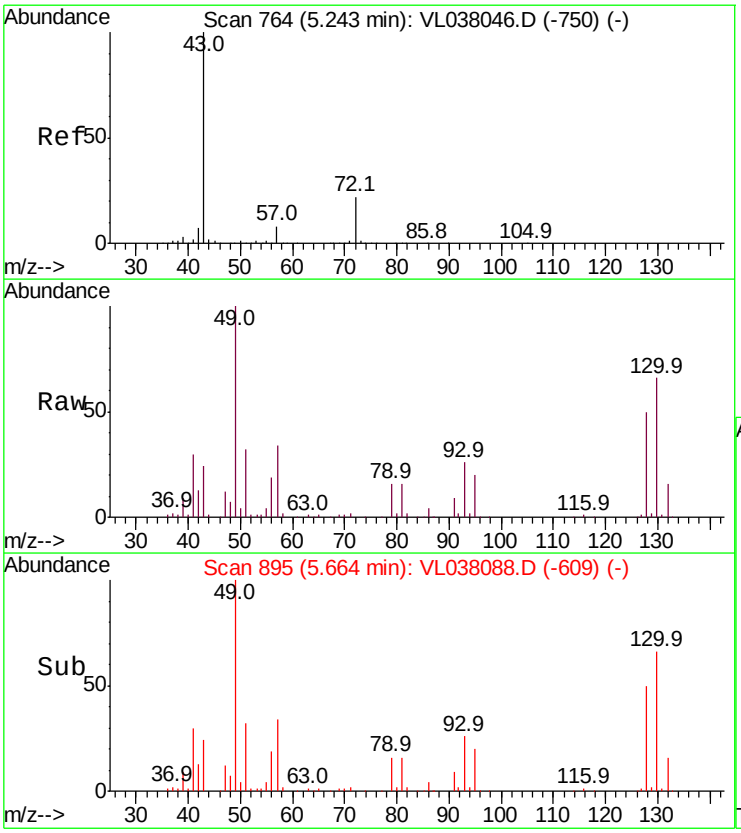
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15
Delta R.T
Lab File:
Acq: 19 Nov 2021 16:55

Instrument :
MSVOA_L
ClientSampleId :
SVP-1DL2

Tgt Ion:114 Resp: 2272329

Ion	Ratio	Lower	Upper
114	100		
63	25.7	19.7	29.5
88	18.3	14.4	21.6

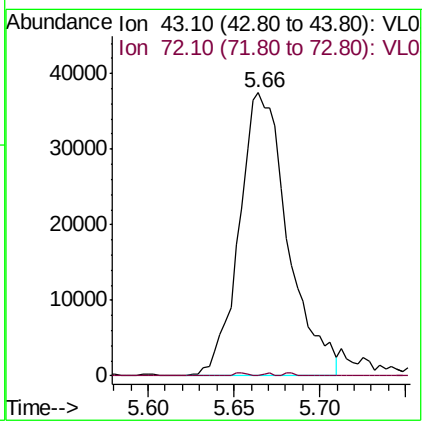


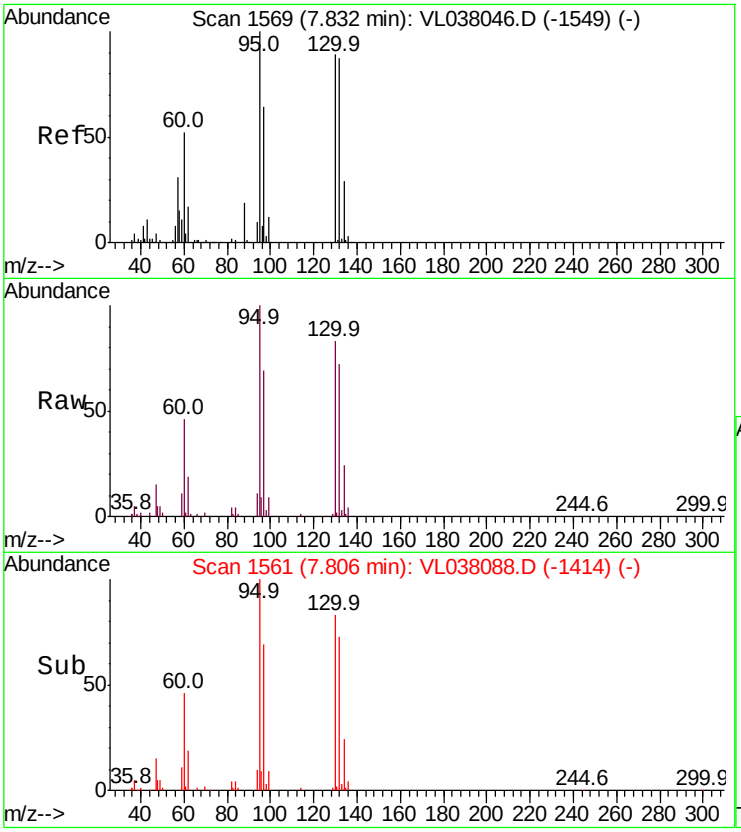


#34
2-Butanone
Concen: 0.805 ppbv
RT: 5.66 min Scan# 895
Delta R.T. 0.42 min
Lab File: VL038088.D
Acq: 19 Nov 2021 16:55

Tgt Ion: 43 Resp: 73744

Ion	Ratio	Lower	Upper
43	100		
72	0.4	18.8	28.2#



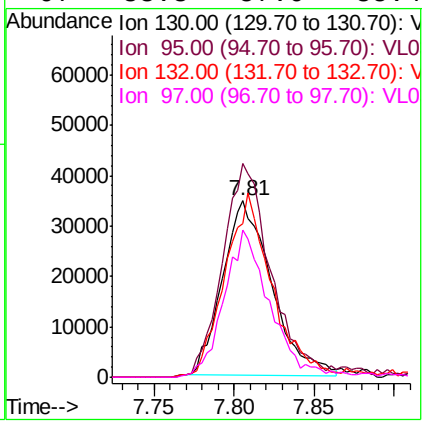


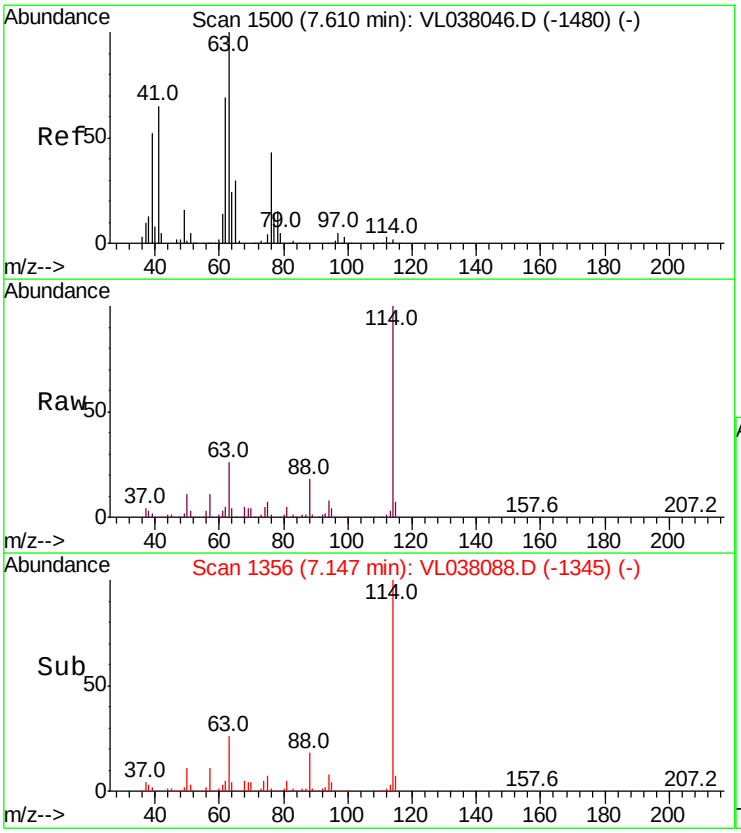
#38
Trichloroethene
Concen: 0.851 ppbv
RT: 7.81
Delta R.T
Lab File:
Acq: 19 Nov 2021 16:55

Instrument :
MSVOA_L
ClientSampleId :
SVP-1DL2

Tgt Ion:130 Resp: 72790

Ion	Ratio	Lower	Upper
130	100		
95	121.1	89.4	134.2
132	87.2	78.2	117.2
97	83.3	57.0	85.4

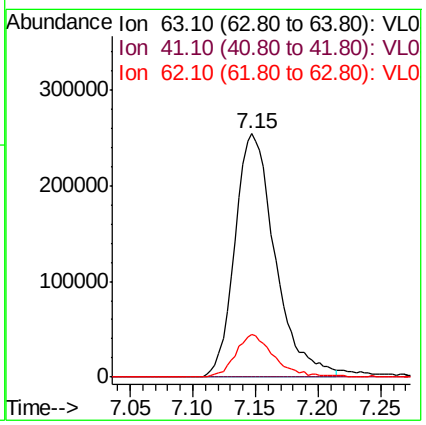


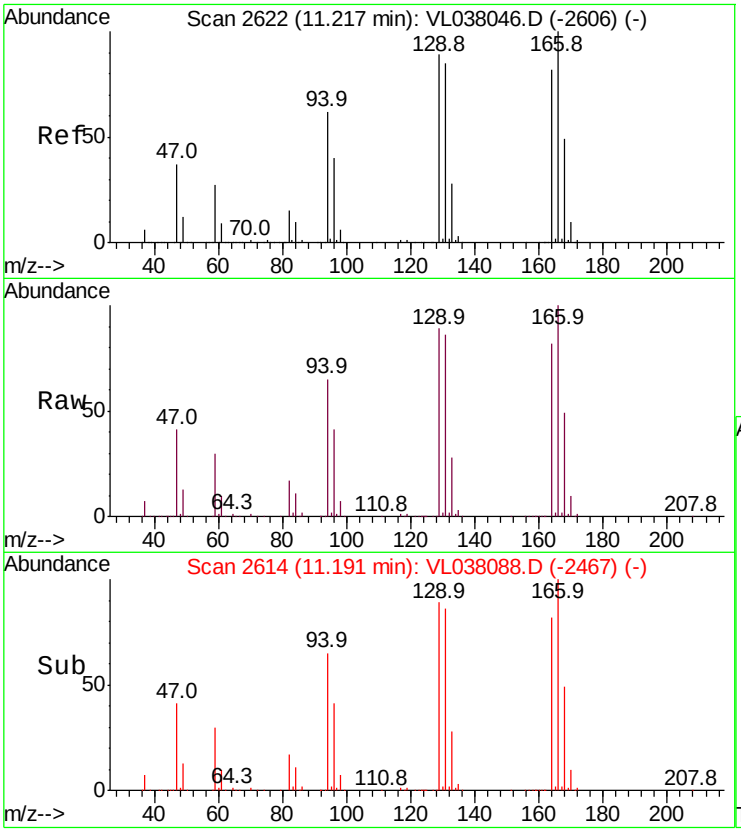


#39
1,2-Dichloropropane
Concen: 6.527 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. -0.46 min
Lab File: VL038088.D
Acq: 19 Nov 2021 16:55

Tgt Ion: 63 Resp: 567539

Ion	Ratio	Lower	Upper
63	100		
41	0.0	52.3	78.5#
62	17.6	55.1	82.7#



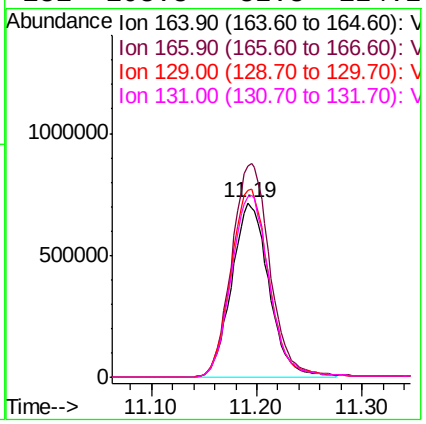


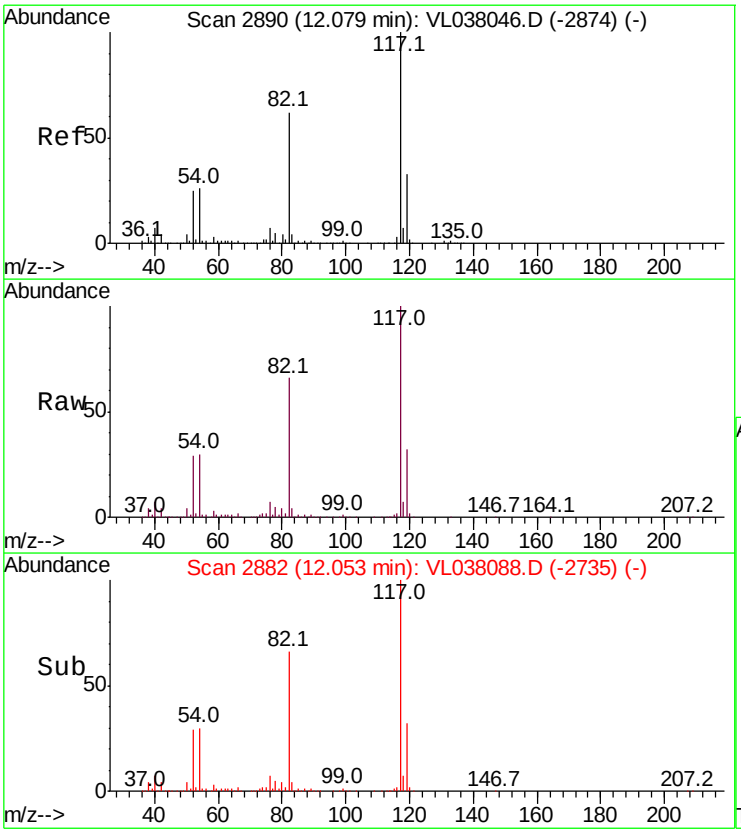
#52
Tetrachloroethene
Concen: 20.845 ppbv
RT: 11.19
Delta R.T
Lab File:
Acq: 19 Nov 2021 16:55

Instrument :
MSVOA_L
ClientSampleId :
SVP-1DL2

Tgt Ion:164 Resp: 1748290

Ion	Ratio	Lower	Upper
164	100		
166	121.3	97.2	145.8
129	107.4	86.9	130.3
131	103.8	82.8	124.2

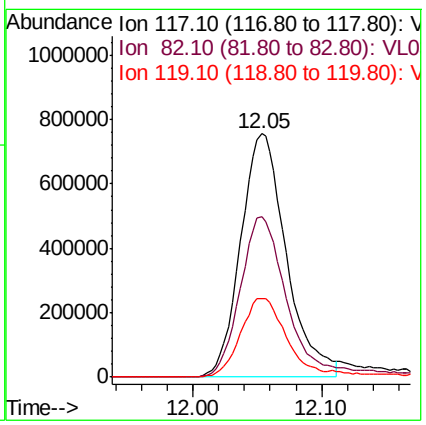


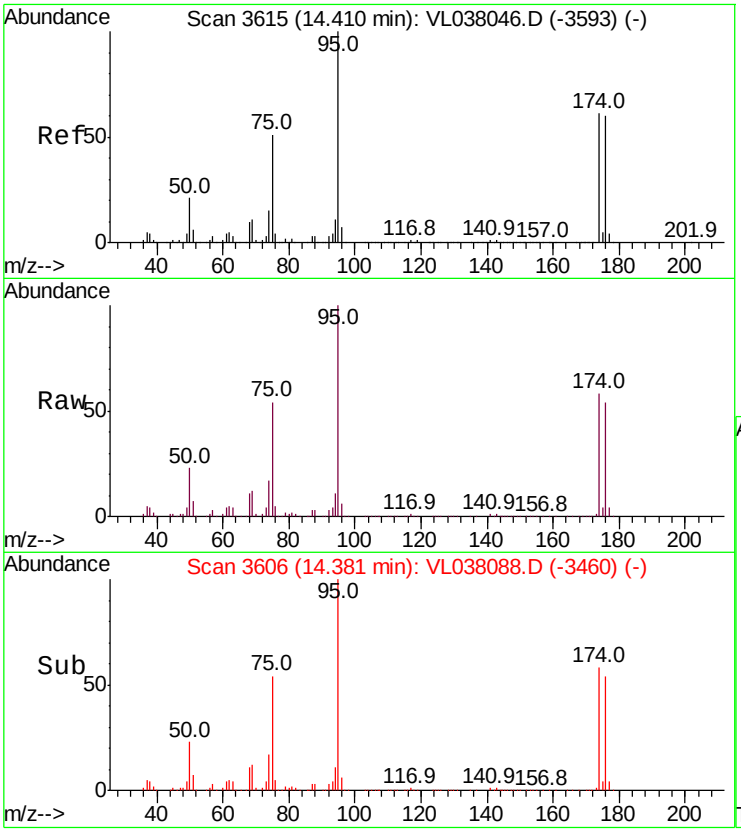


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05 min Scan# 2882
Delta R.T. -0.03 min
Lab File: VL038088.D
Acq: 19 Nov 2021 16:55

Tgt Ion:117 Resp: 1861269

Ion	Ratio	Lower	Upper
117	100		
82	71.9	52.8	79.2
119	35.2	26.8	40.2





#68
1-Bromo-4-Fluorobenzene
Concen: 10.714 ppbv
RT: 14.38
Delta R.T
Lab File:
Acq: 19 Nov 2021 10:55

Instrument :
MSVOA_L
ClientSampleId :
SVP-1DL2

Tgt Ion: 95 Resp: 1438383

Ion	Ratio	Lower	Upper
95	100		
174	63.4	53.1	79.7
175	4.3	4.0	6.0