Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL112321\
Data File : VL038113.D
Acq On : 23 Nov 2021 23:49
Operator : SY/AP
Sample : M4805-01 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SG-PURE-BARREDL

Quant Time: Nov 26 04:17:22 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	5.66	49	887288	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2427737	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.07	117	2107519	10.00	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	1677924	11.04	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 110.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.05	85	9203	0.063	ppbv	98
3) Chlorodifluoromethane	2.96	51	1022568	5.488	ppbv #	61
4) Chloromethane	3.14	50	3025	0.048	ppbv	100
9) Propene	3.20	41	116888	1.703	ppbv	95
10) Heptane	8.10	43	6032	0.036	ppbv	96
11) Trichlorofluoromethane	3.95	101	44643	0.320	ppbv	96
13) Ethanol	3.60	45	1163474	175.443	ppbv	90
15) Acetone	3.85	43	779707	10.135	ppbv	96
16) 1,3-Butadiene	3.35	39	17642	0.294	ppbv #	11
19) Isopropyl Alcohol	3.97	45	800759	14.406	ppbv #	96
20) Methylene Chloride	4.34	84	56765	1.317	ppbv	92
23) Vinyl Acetate	5.07	43	3888	0.035	ppbv #	57
25) Ethyl Acetate	5.67	43	31224	0.122	ppbv #	75
26) Hexane	5.68	57	37205	0.302	ppbv	85
34) 2-Butanone	5.25	43	14302	0.146	ppbv #	87
39) 1,2-Dichloropropane	7.16	63	626659	6.746	ppbv #	27
53) Toluene	9.79	91	14880	0.053	ppbv #	76
61) Styrene	13.50	104	12408	0.085	ppbv #	28
62) Isopropylbenzene	14.64	105	38959	0.101	ppbv #	48

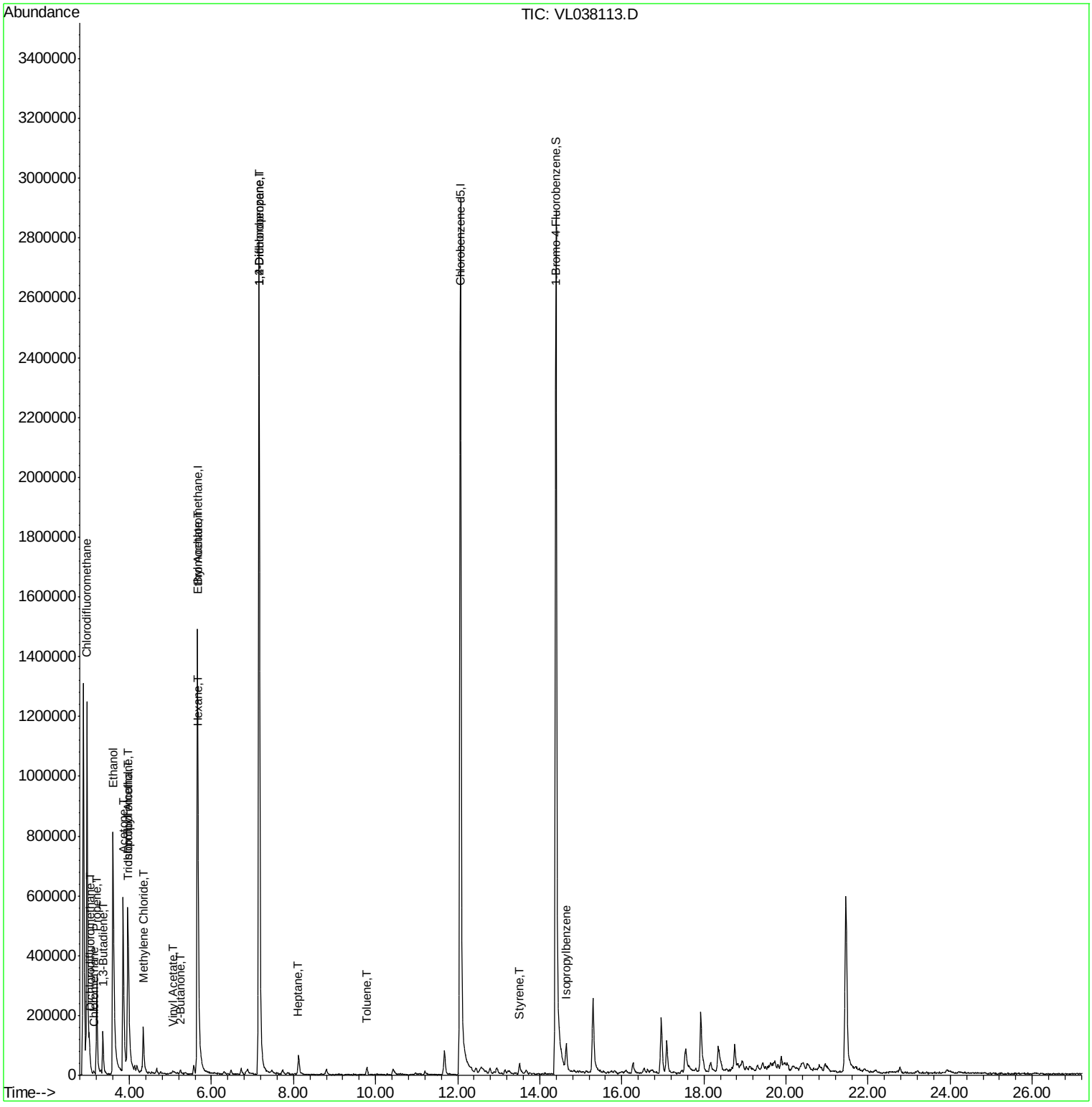
(#) = qualifier out of range (m) = manual integration (+) = signals summed

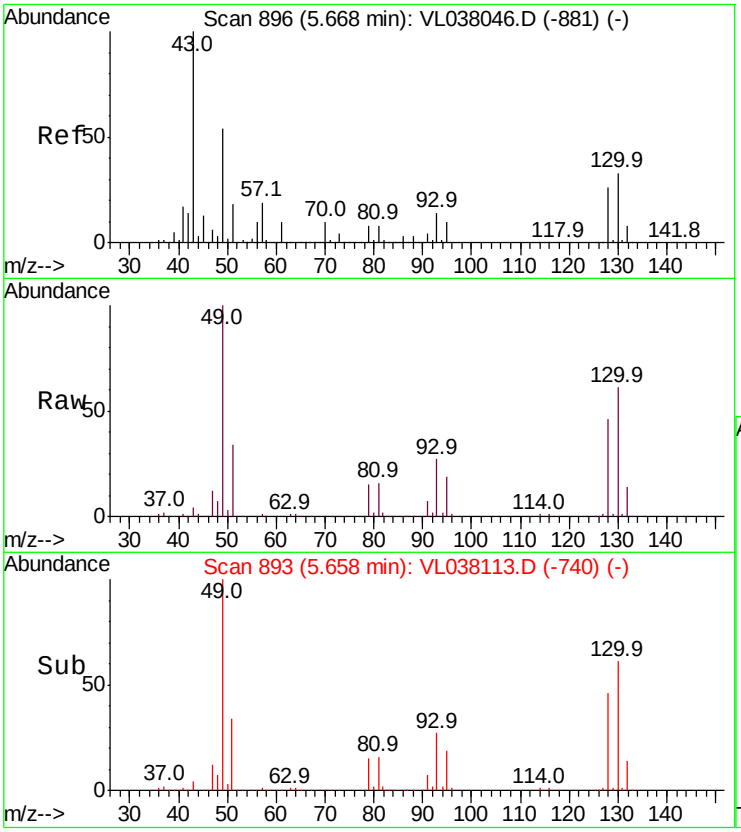
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL112321\
Data File : VL038113.D
Acq On : 23 Nov 2021 23:49
Operator : SY/AP
Sample : M4805-01 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SG-PURE-BARREDL

Quant Time: Nov 26 04:17:22 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



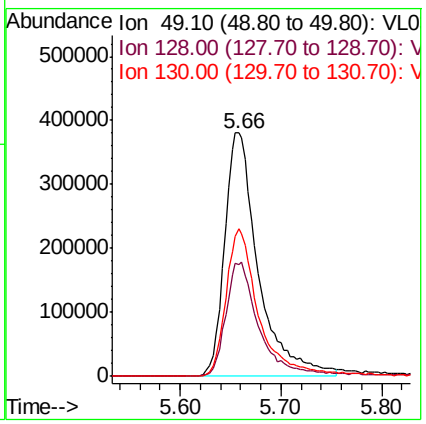


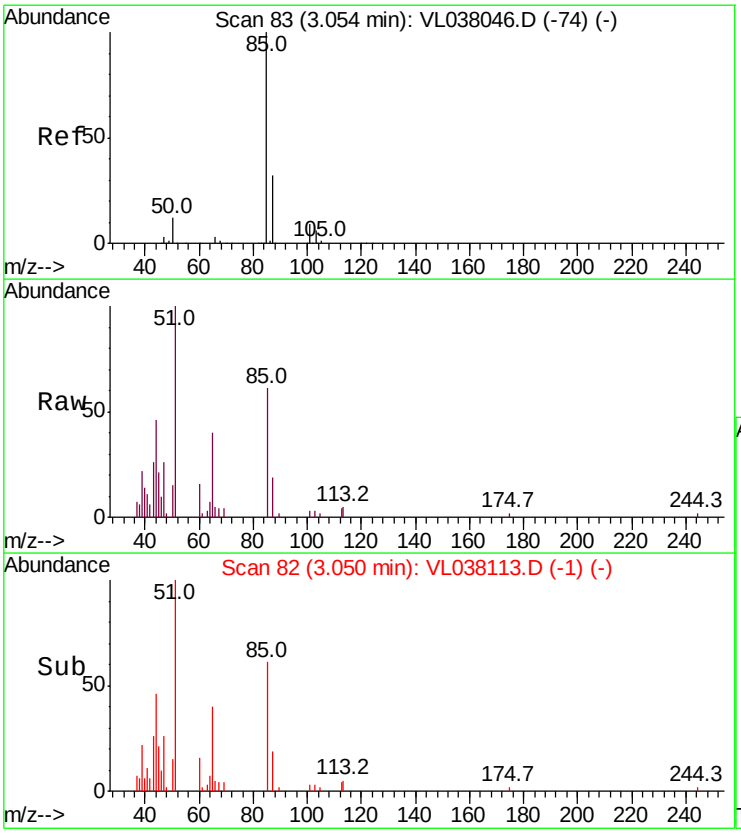
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 23 Nov 2021 23:49

Instrument :
MSVOA_L
ClientSampleId :
SG-PURE-BARREDL

Tgt Ion: 49 Resp: 887288

Ion	Ratio	Lower	Upper
49	100		
128	47.8	26.5	79.5
130	59.8	32.5	97.4

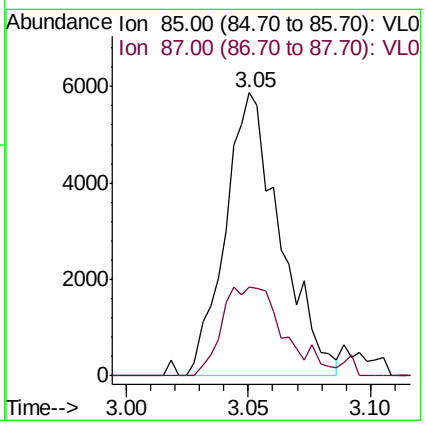


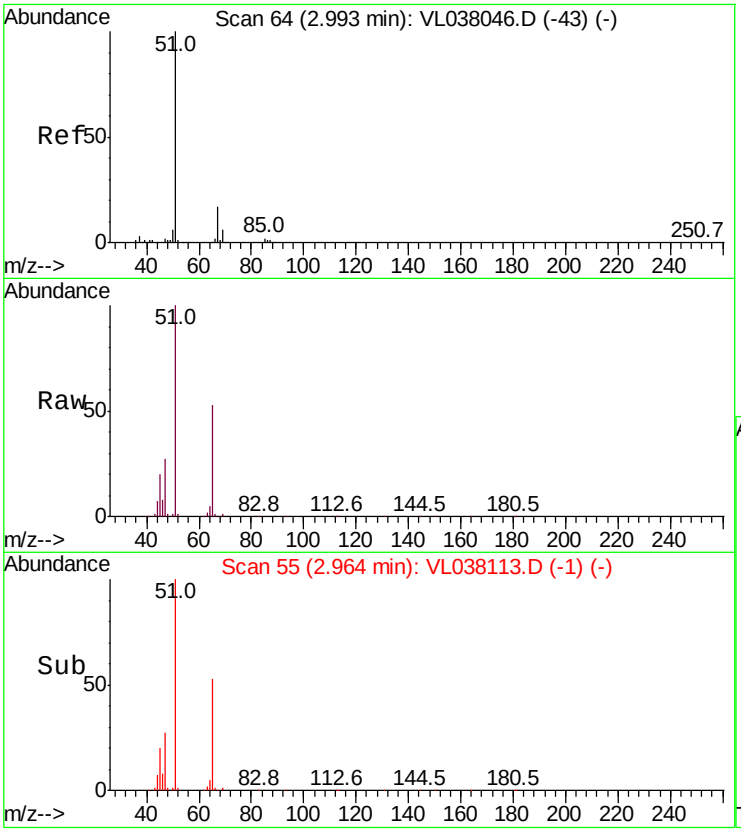


#2
Dichlorodifluoromethane
Concen: 0.063 ppbv
RT: 3.05 min Scan# 82
Delta R.T. -0.00 min
Lab File: VL038113.D
Acq: 23 Nov 2021 23:49

Tgt Ion: 85 Resp: 9203

Ion	Ratio	Lower	Upper
85	100		
87	31.2	25.8	38.6



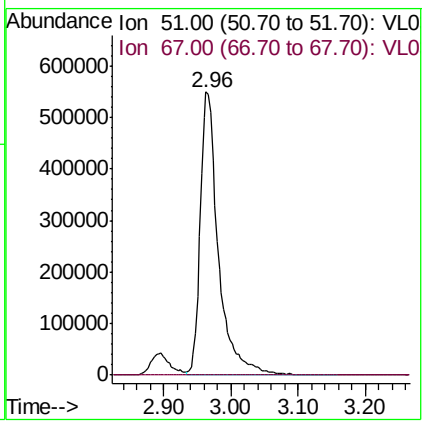


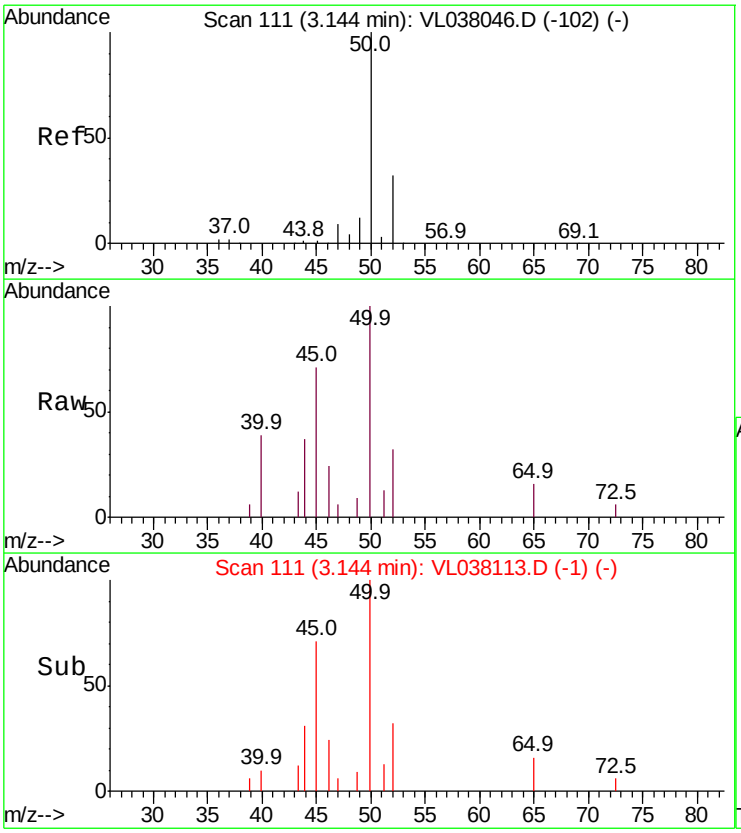
#3
Chlorodifluoromethane
Concen: 5.488 ppbv
RT: 2.96
Delta R.T
Lab File:
Acq: 23 Nov 2021 23:49

Instrument :
MSVOA_L
ClientSampleId :
SG-PURE-BARREDL

Tgt Ion: 51 Resp: 1022568

Ion	Ratio	Lower	Upper
51	100		
67	0.1	13.8	20.8#

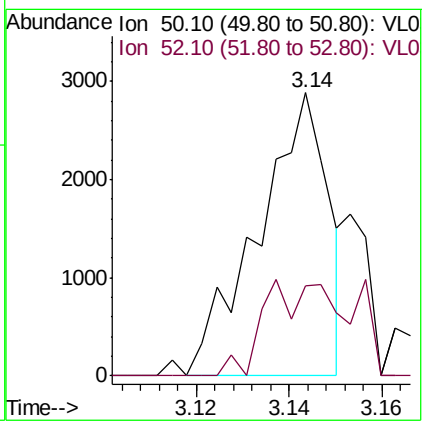


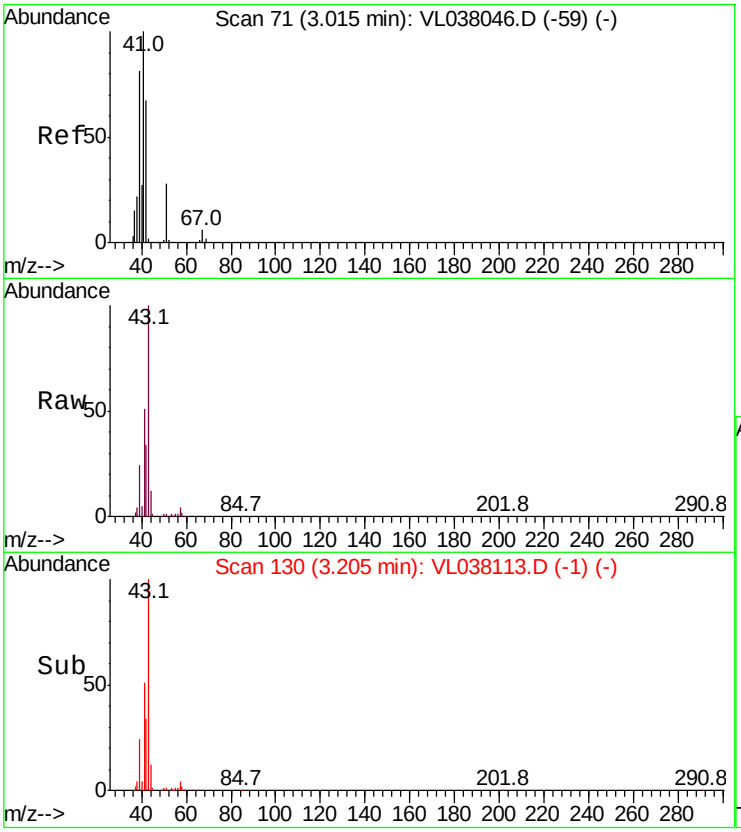


#4
Chloromethane
Concen: 0.048 ppbv
RT: 3.14 min Scan# 111
Delta R.T. 0.00 min
Lab File: VL038113.D
Acq: 23 Nov 2021 23:49

Tgt Ion: 50 Resp: 3025

Ion	Ratio	Lower	Upper
50	100		
52	31.9	25.4	38.0



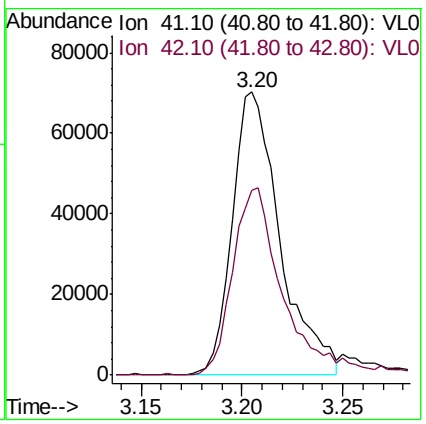


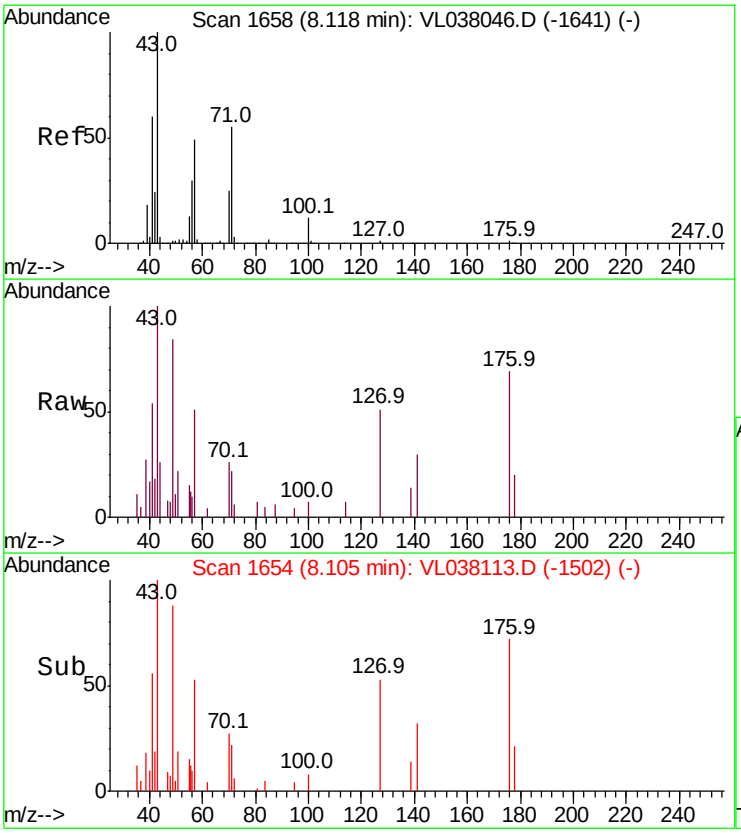
#9
Propene
Concen: 1.703 ppbv
RT: 3.20
Delta R.T
Lab File:
Acq: 23 Nov 2021 23:49

Instrument :
MSVOA_L
ClientSampleId :
SG-PURE-BARREDL

Tgt Ion: 41 Resp: 116888

Ion	Ratio	Lower	Upper
41	100		
42	71.0	53.8	80.8

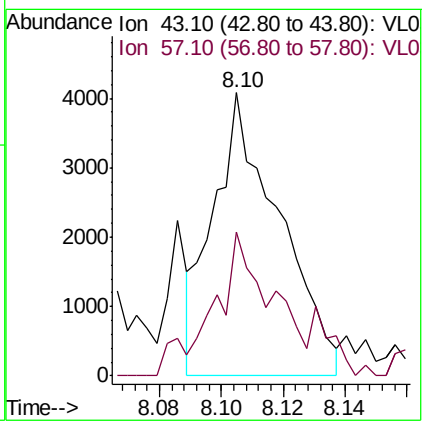


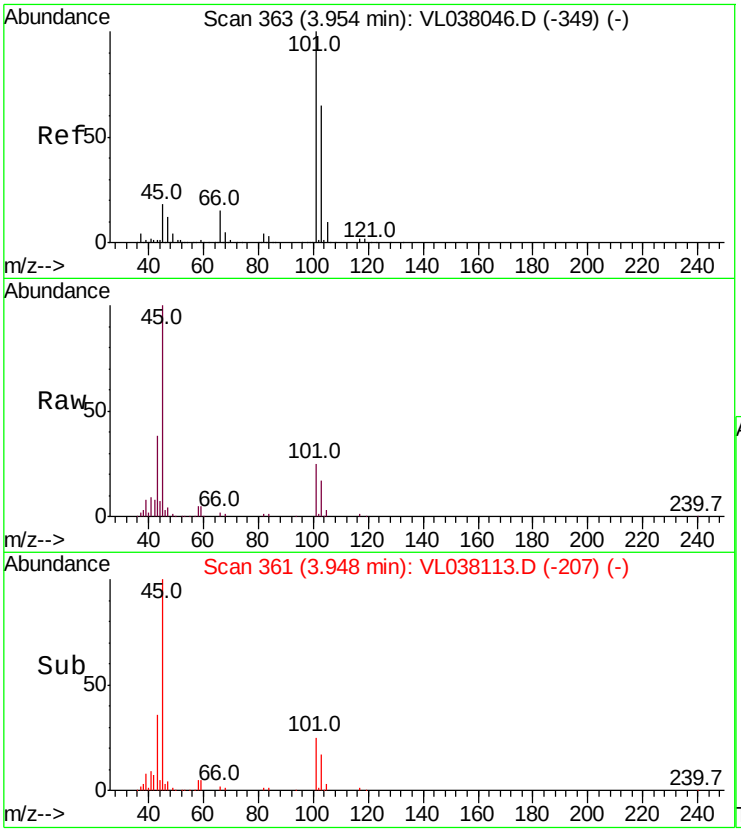


#10
Heptane
Concen: 0.036 ppbv
RT: 8.10 min Scan# 1654
Delta R.T. -0.01 min
Lab File: VL038113.D
Acq: 23 Nov 2021 23:49

Tgt Ion: 43 Resp: 6032

Ion	Ratio	Lower	Upper
43	100		
57	53.3	40.4	60.6



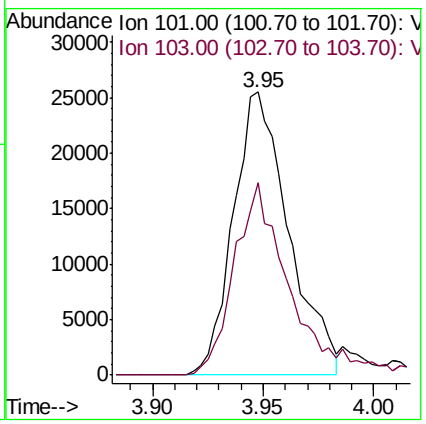


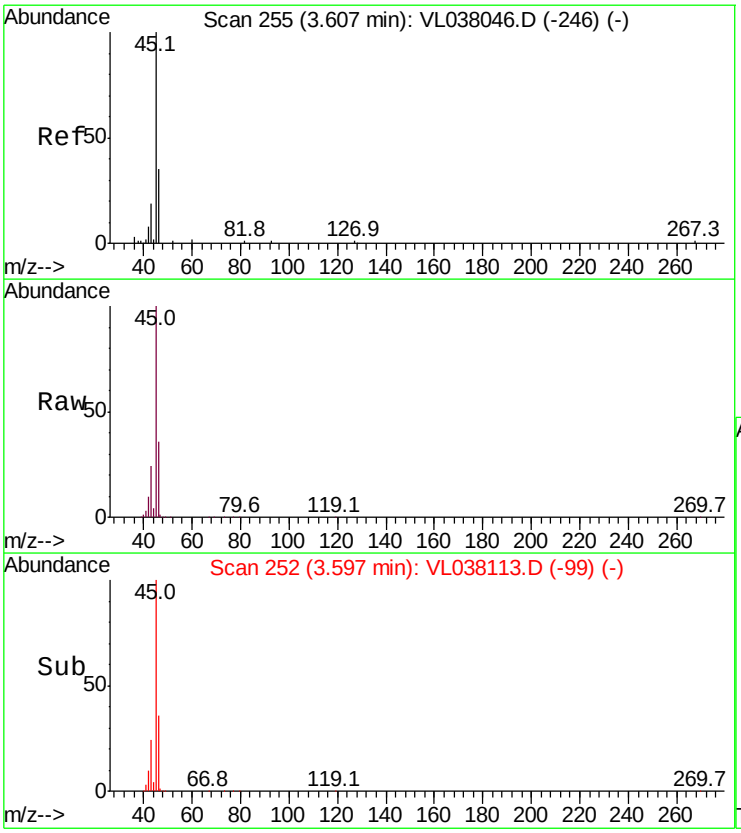
#11
Trichlorofluoromethane
Concen: 0.320 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 23 Nov 2021 23:49

Instrument :
MSVOA_L
ClientSampleId :
SG-PURE-BARREDL

Tgt Ion:101 Resp: 44643

Ion	Ratio	Lower	Upper
101	100		
103	68.0	51.8	77.6

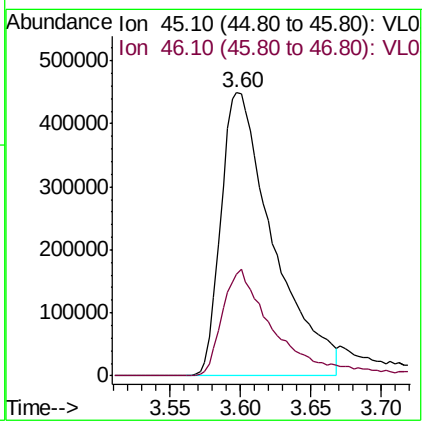


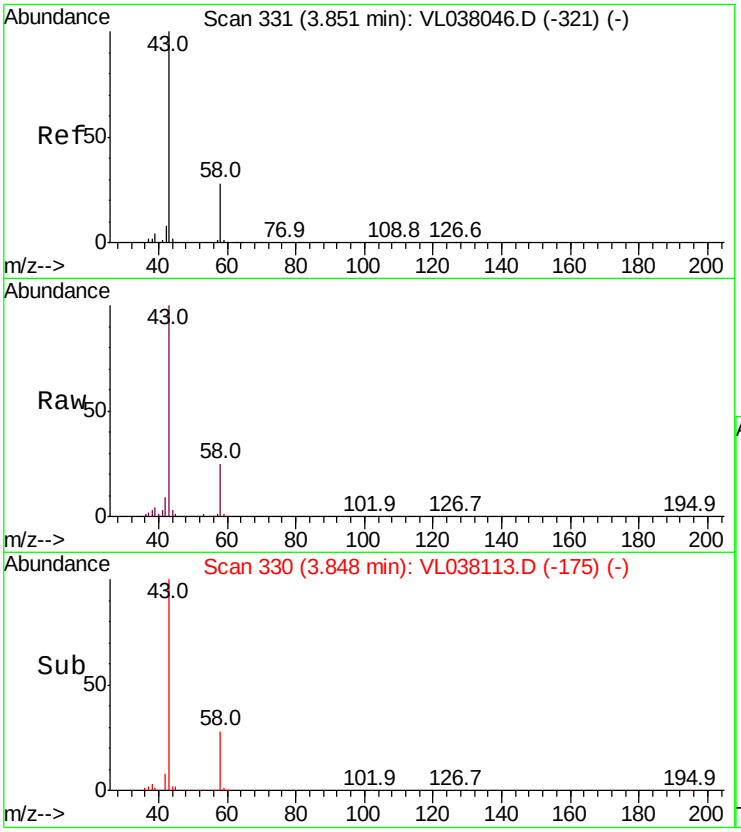


#13
Ethanol
Concen: 175.443 ppbv
RT: 3.60 min Scan# 252
Delta R.T. -0.01 min
Lab File: VL038113.D
Acq: 23 Nov 2021 23:49

Tgt Ion: 45 Resp: 1163474

Ion	Ratio	Lower	Upper
45	100		
46	37.6	17.6	70.2



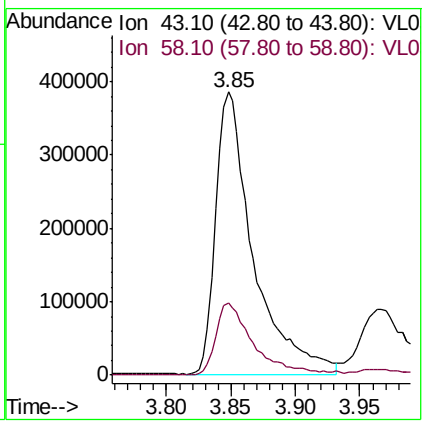


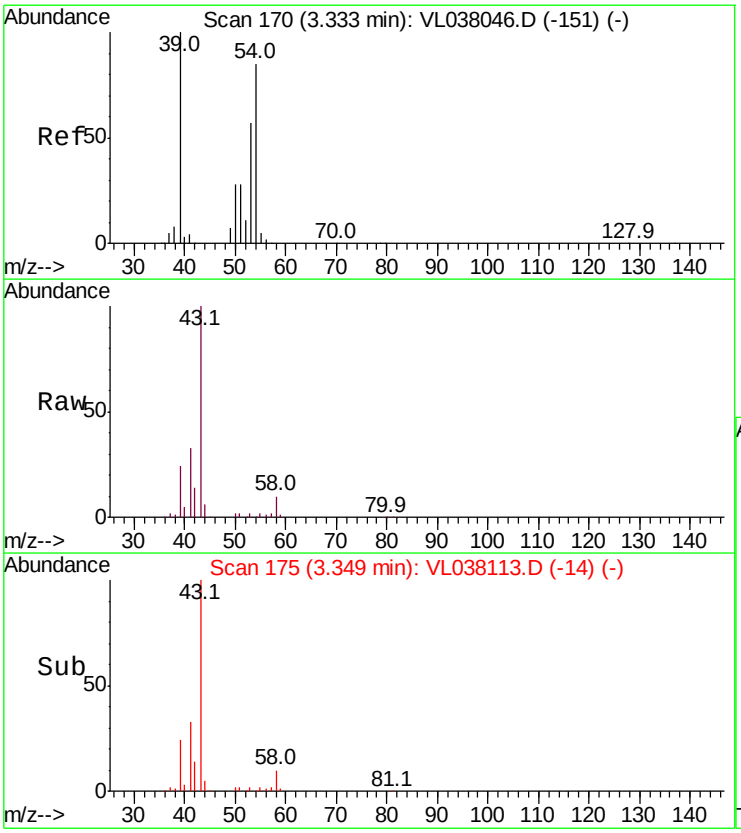
#15
Acetone
Concen: 10.135 ppbv
RT: 3.85
Delta R.T
Lab File:
Acq: 23 Nov 2021 23:49

Instrument :
MSVOA_L
ClientSampleId :
SG-PURE-BARREDL

Tgt Ion: 43 Resp: 779707

Ion	Ratio	Lower	Upper
43	100		
58	26.1	22.4	33.6

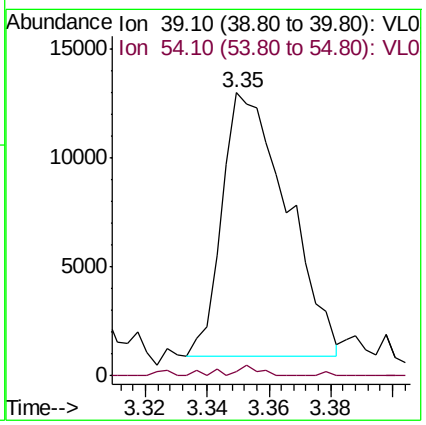


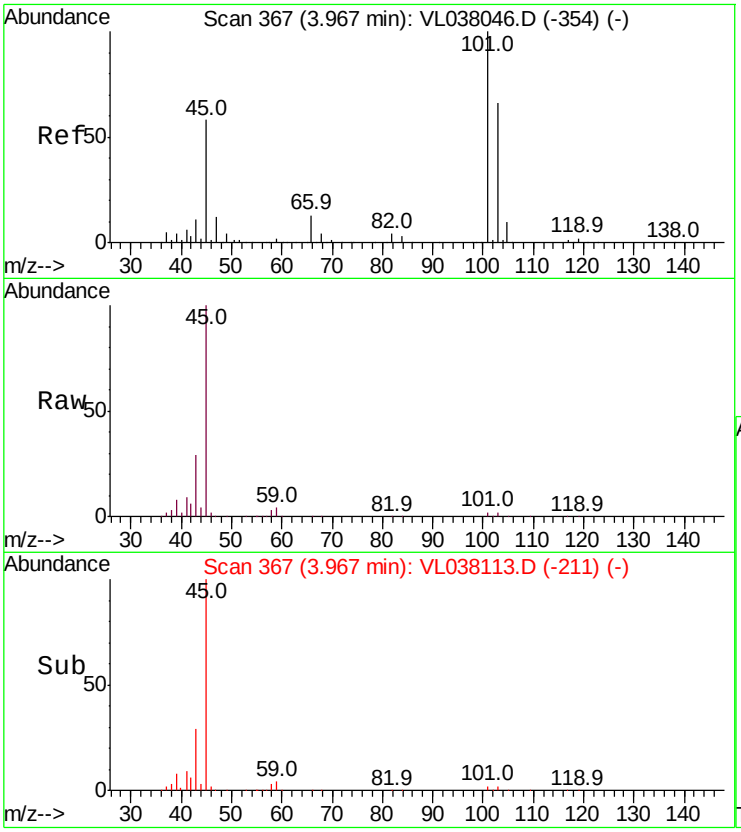


#16
1,3-Butadiene
Concen: 0.294 ppbv
RT: 3.35 min Scan# 175
Delta R.T. 0.02 min
Lab File: VL038113.D
Acq: 23 Nov 2021 23:49

Tgt Ion: 39 Resp: 17642

Ion	Ratio	Lower	Upper
39	100		
54	2.1	64.4	96.6#



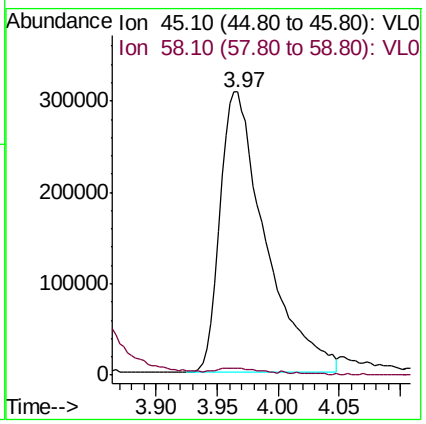


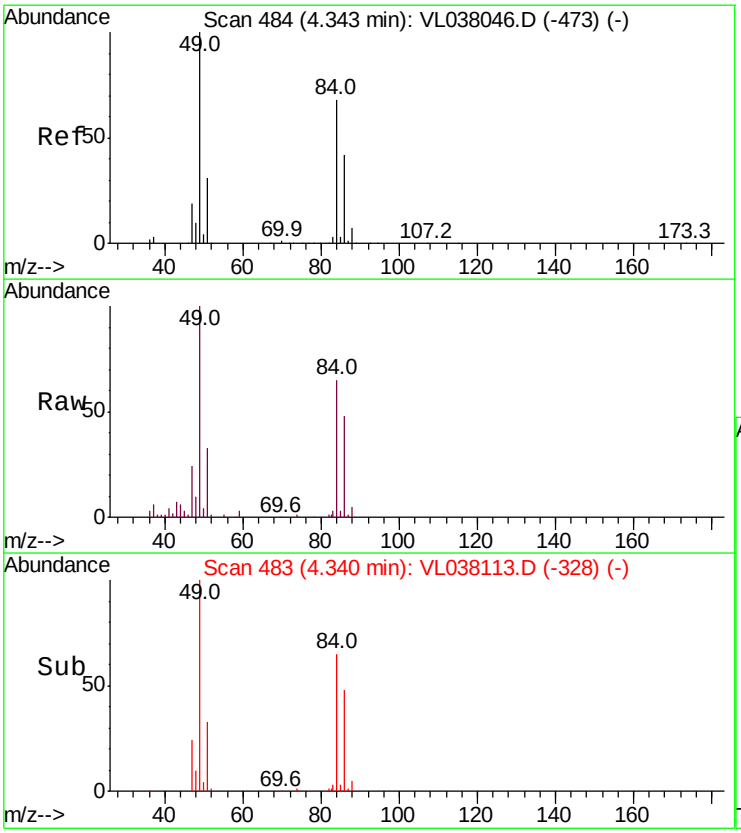
#19
Isopropyl Alcohol
Concen: 14.406 ppbv
RT: 3.97
Delta R.T
Lab File:
Acq: 23 Nov 2021 23:49

Instrument :
MSVOA_L
ClientSampleId :
SG-PURE-BARREDL

Tgt Ion: 45 Resp: 800759

Ion	Ratio	Lower	Upper
45	100		
58	3.3	1.4	2.0#

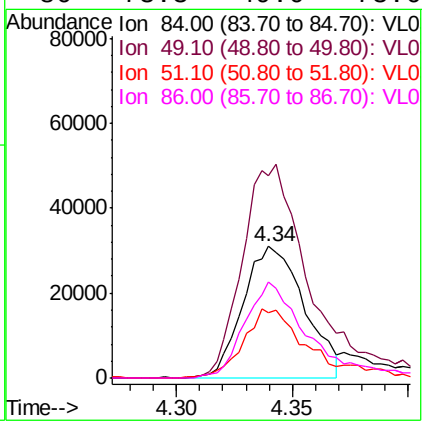


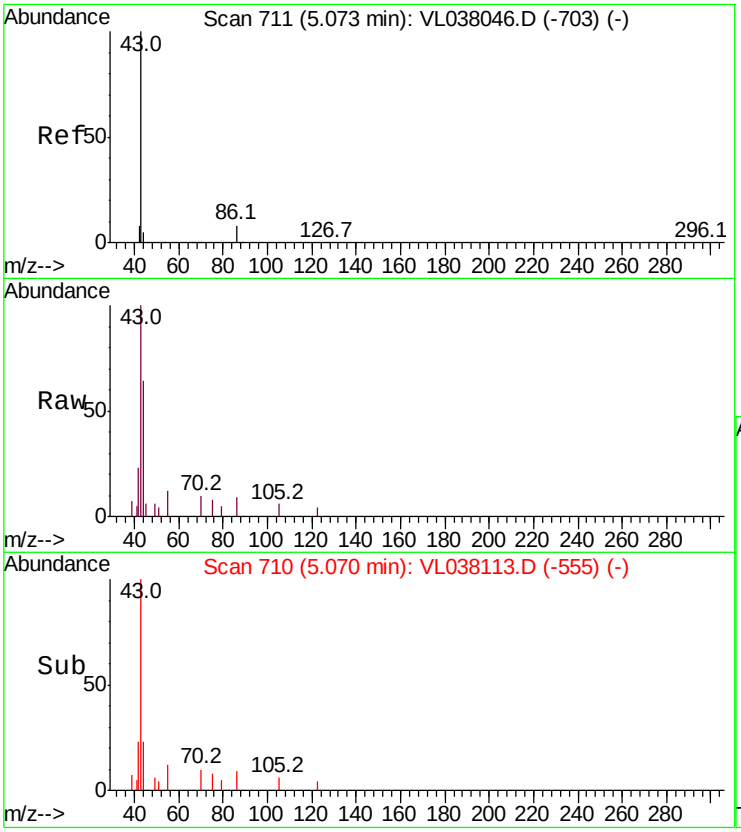


#20
Methylene Chloride
Concen: 1.317 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.00 min
Lab File: VL038113.D
Acq: 23 Nov 2021 23:49

Tgt Ion: 84 Resp: 56765

Ion	Ratio	Lower	Upper
84	100		
49	154.0	118.2	177.2
51	49.5	36.8	55.2
86	73.3	49.0	73.6



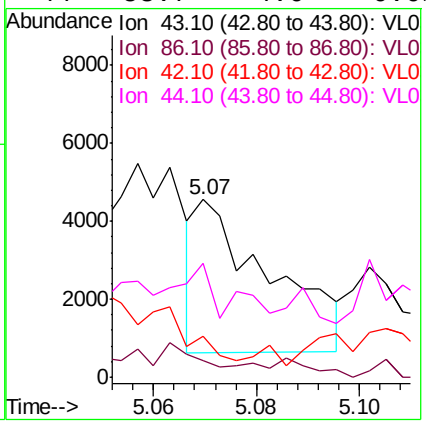


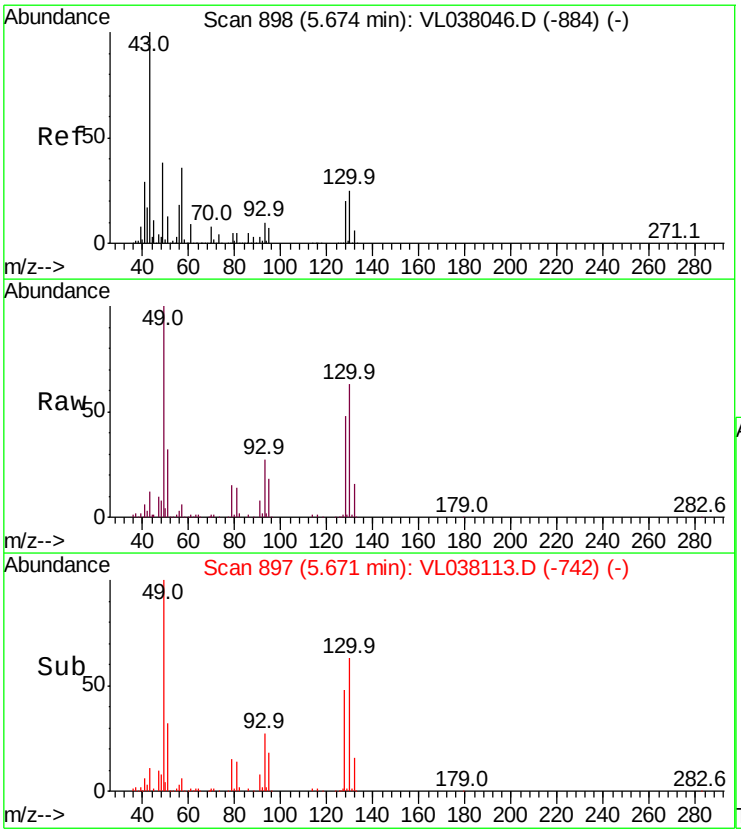
#23
Vinyl Acetate
Concen: 0.035 ppbv
RT: 5.07
Delta R.T
Lab File:
Acq: 23 Nov 2021 23:49

Instrument :
MSVOA_L
ClientSampleId :
SG-PURE-BARREDL

Tgt Ion: 43 Resp: 3888

Ion	Ratio	Lower	Upper
43	100		
86	8.0	5.3	7.9#
42	10.4	7.0	10.6
44	58.7	4.0	6.0#

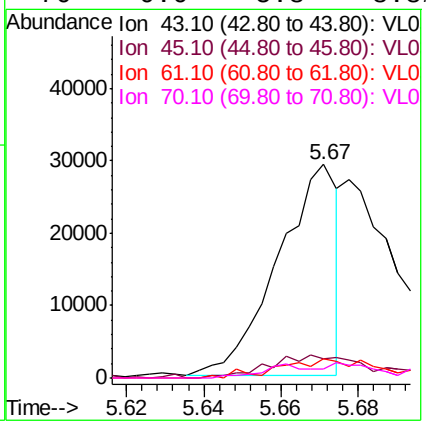


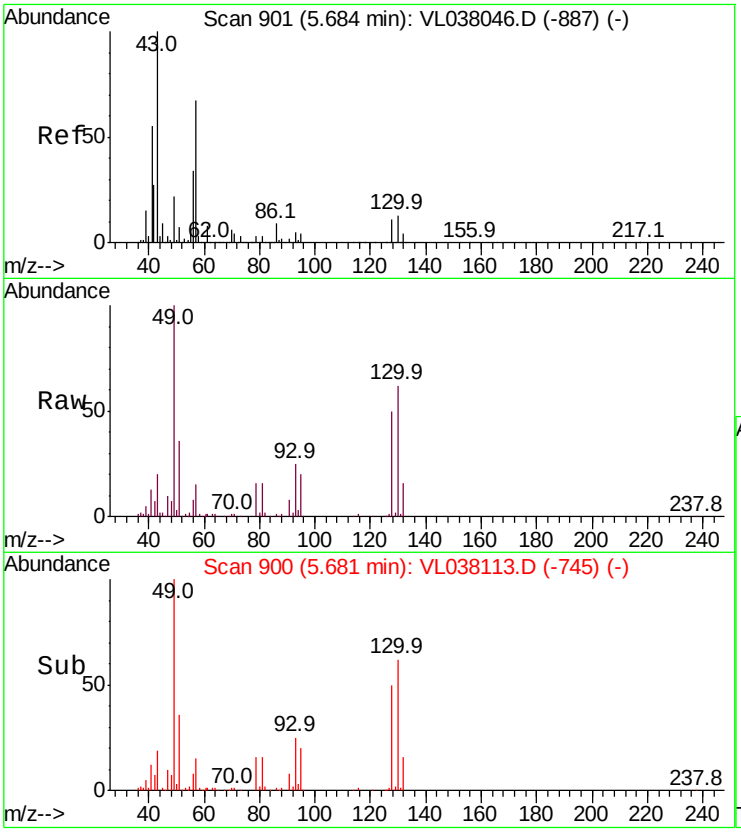


#25
Ethyl Acetate
Concen: 0.122 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.00 min
Lab File: VL038113.D
Acq: 23 Nov 2021 23:49

Tgt Ion: 43 Resp: 31224

Ion	Ratio	Lower	Upper
43	100		
45	23.6	7.9	11.9#
61	15.2	7.8	11.6#
70	0.0	5.8	8.8#



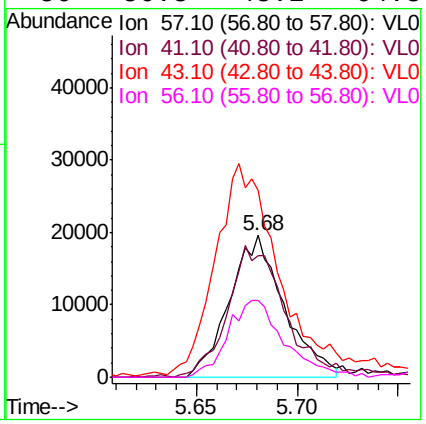


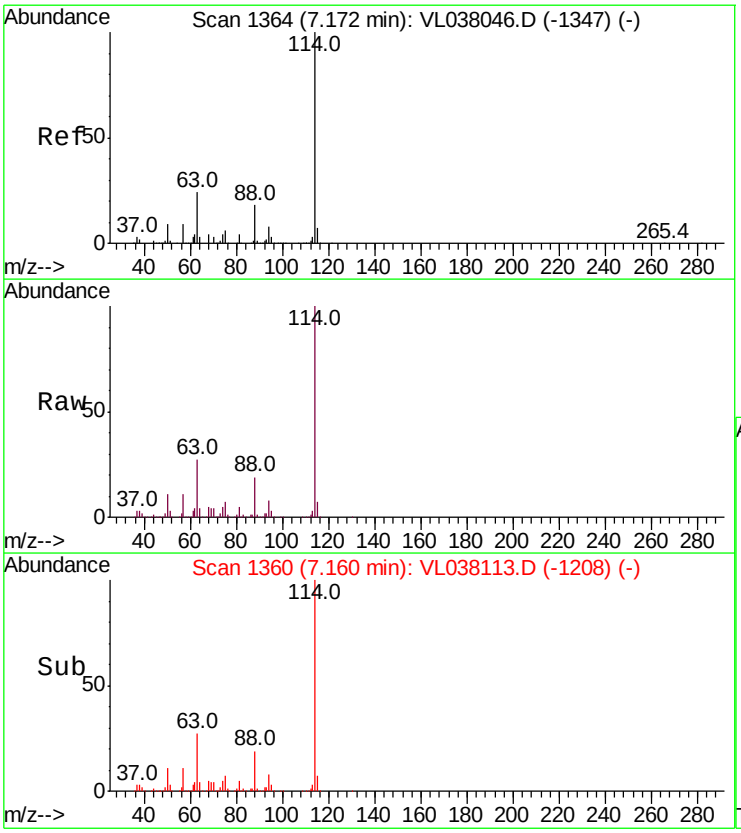
#26
Hexane
Concen: 0.302 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 23 Nov 2021 23:49

Instrument :
MSVOA_L
ClientSampleId :
SG-PURE-BARREDL

Tgt Ion: 57 Resp: 37205

Ion	Ratio	Lower	Upper
57	100		
41	100.2	71.4	107.2
43	186.1	174.6	261.8
56	56.3	43.2	64.8

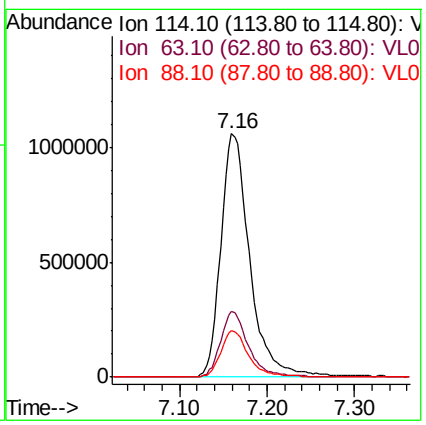


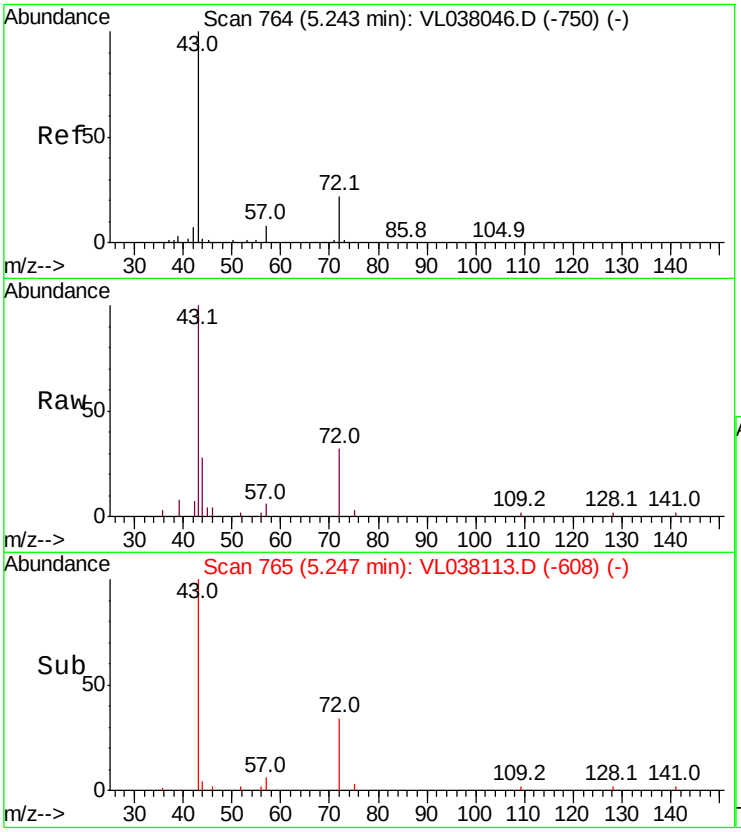


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.01 min
Lab File: VL038113.D
Acq: 23 Nov 2021 23:49

Tgt Ion:114 Resp: 2427737

Ion	Ratio	Lower	Upper
114	100		
63	26.5	19.7	29.5
88	18.8	14.4	21.6



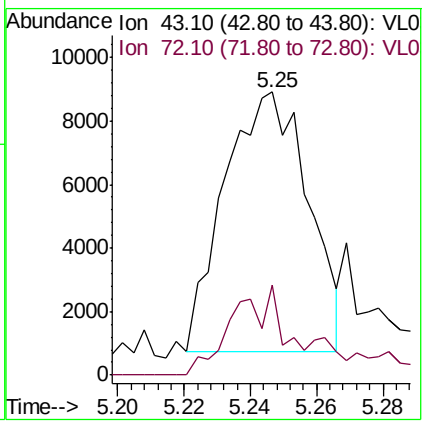


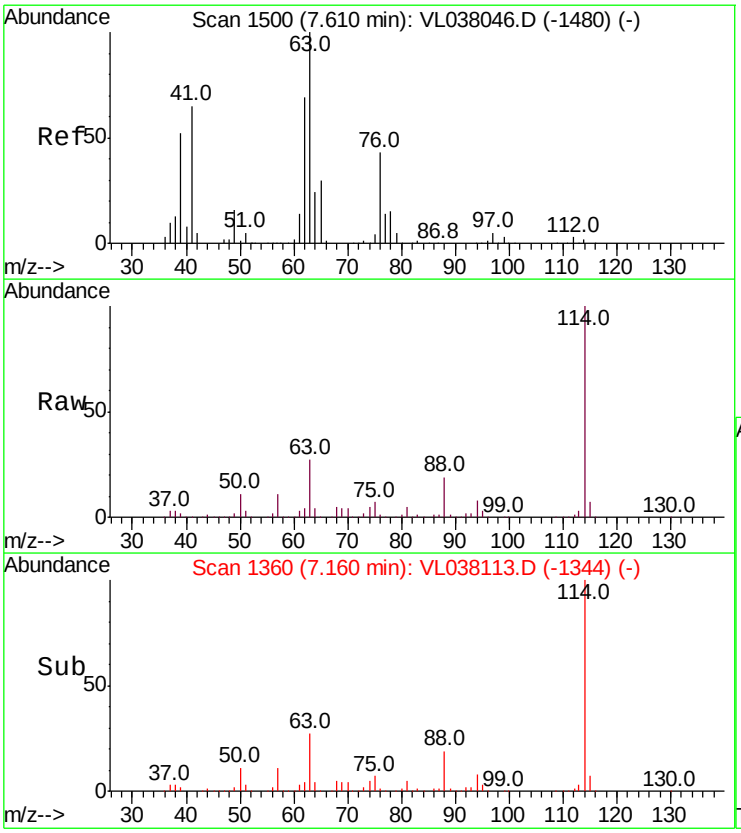
#34
2-Butanone
Concen: 0.146 ppbv
RT: 5.25
Delta R.T
Lab File:
Acq: 23 Nov 2021 23:49

Instrument :
MSVOA_L
ClientSampleId :
SG-PURE-BARREDL

Tgt Ion: 43 Resp: 14302

Ion	Ratio	Lower	Upper
43	100		
72	30.0	18.8	28.2#

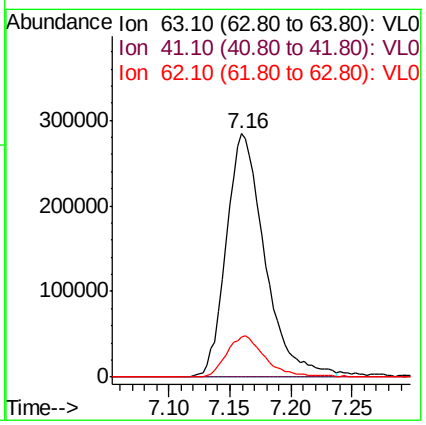


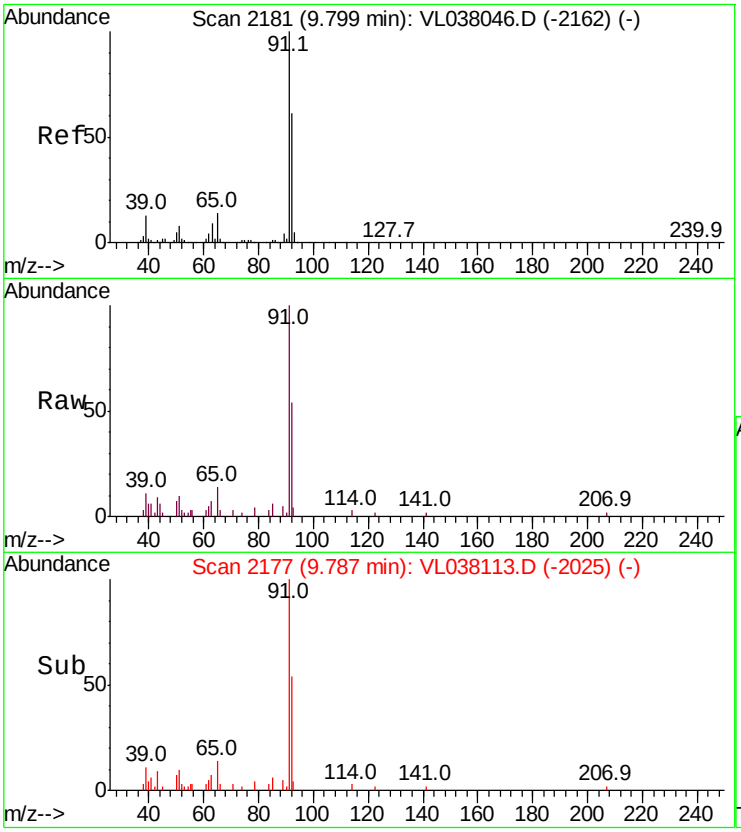


#39
1,2-Dichloropropane
Concen: 6.746 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.45 min
Lab File: VL038113.D
Acq: 23 Nov 2021 23:49

Tgt Ion: 63 Resp: 626659

Ion	Ratio	Lower	Upper
63	100		
41	0.0	52.3	78.5#
62	16.2	55.1	82.7#



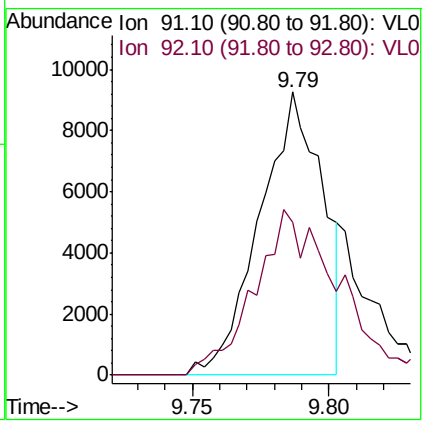


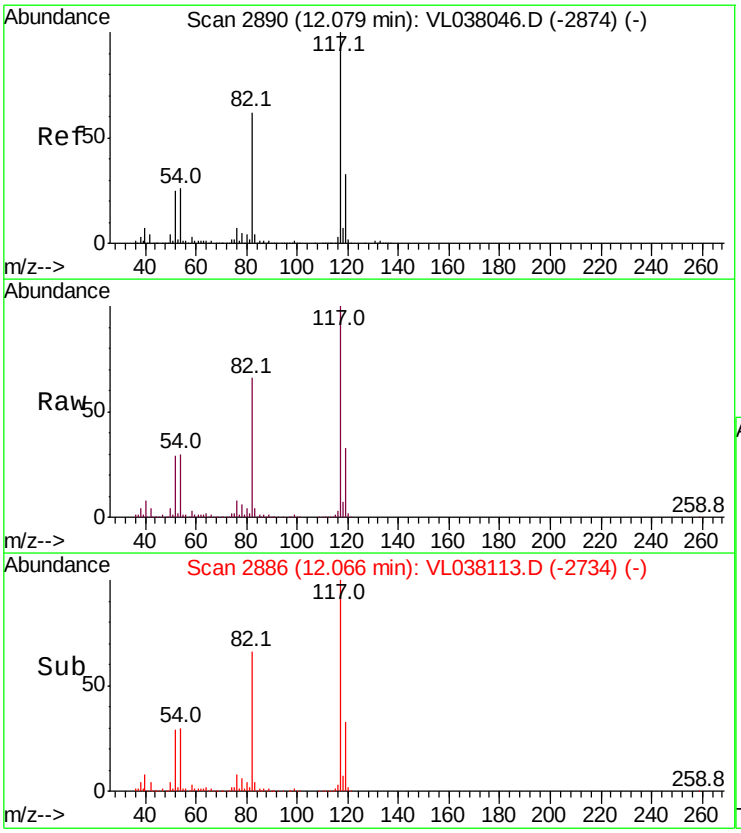
#53
Toluene
Concen: 0.053 ppbv
RT: 9.79
Delta R.T
Lab File:
Acq: 23 Nov 2021 23:49

Instrument :
MSVOA_L
ClientSampleId :
SG-PURE-BARREDL

Tgt Ion: 91 Resp: 14880

Ion	Ratio	Lower	Upper
91	100		
92	80.6	49.7	74.5#

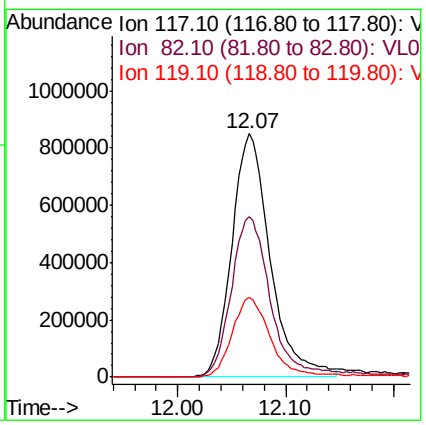


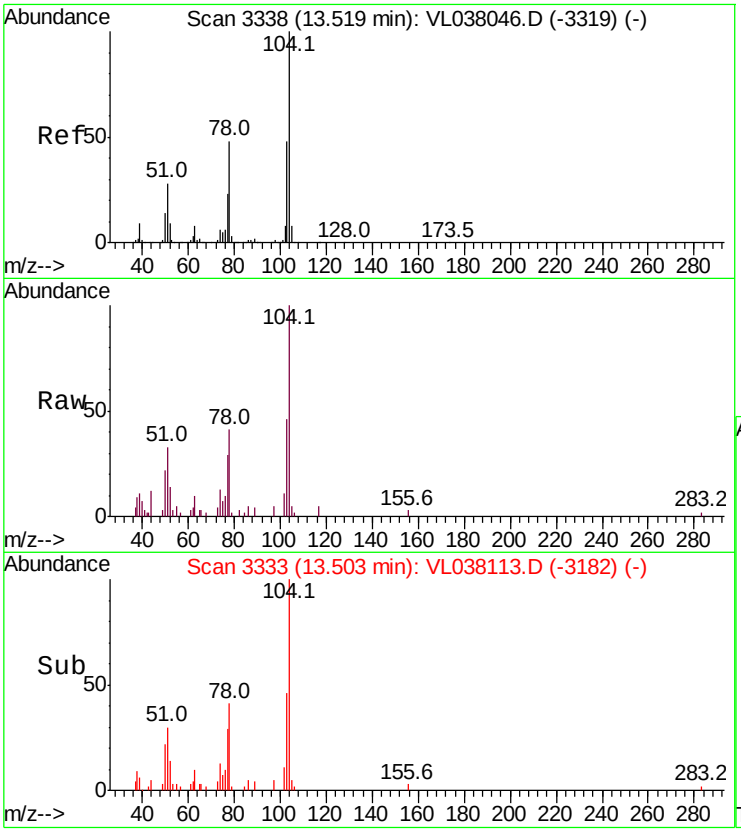


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. -0.01 min
Lab File: VL038113.D
Acq: 23 Nov 2021 23:49

Tgt Ion:117 Resp: 2107519

Ion	Ratio	Lower	Upper
117	100		
82	70.7	52.8	79.2
119	34.3	26.8	40.2



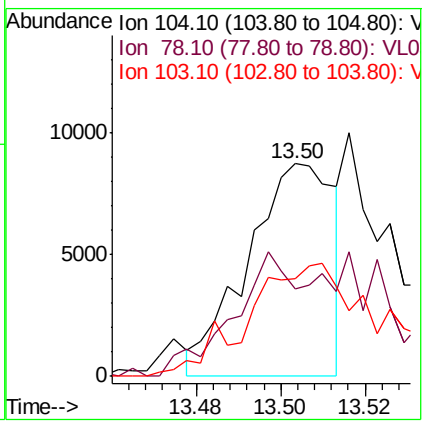


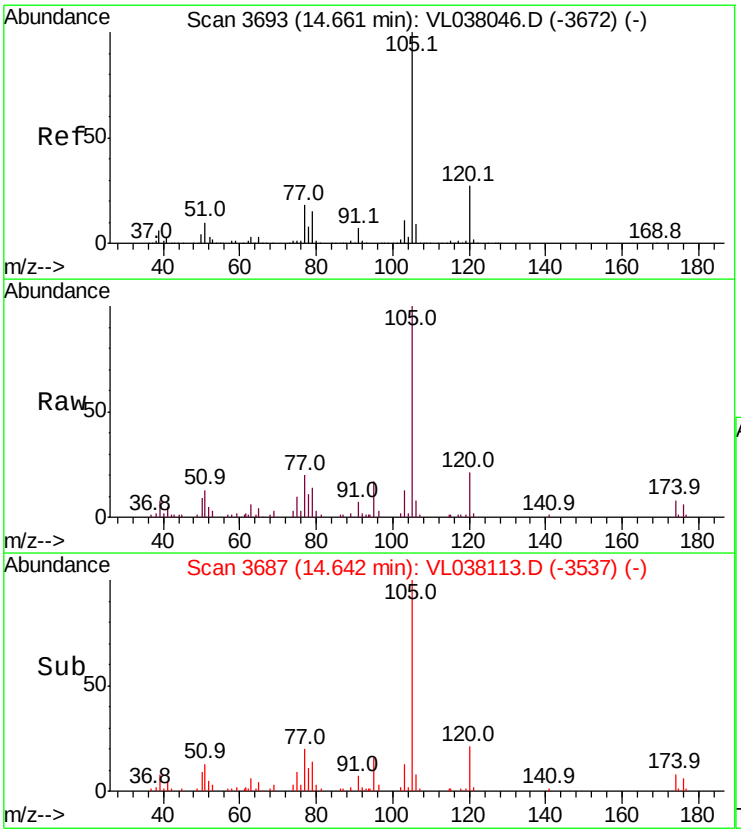
#61
Stvrene
Concen: 0.085 ppbv
RT: 13.50
Delta R.T
Lab File:
Acq: 23 Nov 2021 23:49

Instrument :
MSVOA_L
ClientSampleId :
SG-PURE-BARREDL

Tgt Ion:104 Resp: 12408

Ion	Ratio	Lower	Upper
104	100		
78	0.0	39.8	59.6#
103	0.0	38.2	57.2#

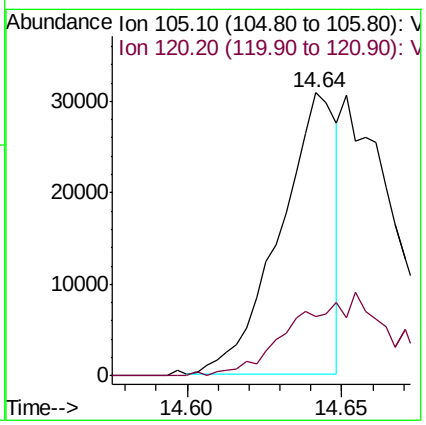


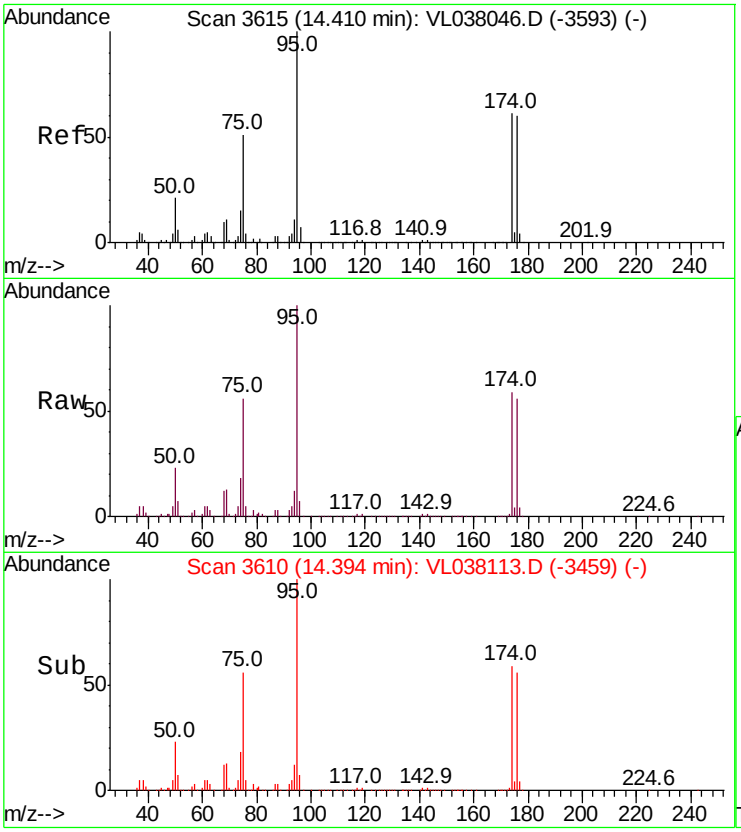


#62
Isopropylbenzene
Concen: 0.101 ppbv
RT: 14.64 min Scan# 3687
Delta R.T. -0.02 min
Lab File: VL038113.D
Acq: 23 Nov 2021 23:49

Tgt Ion:105 Resp: 38959

Ion	Ratio	Lower	Upper
105	100		
120	0.0	21.8	32.6#





#68
1-Bromo-4-Fluorobenzene
Concen: 11.038 ppbv
RT: 14.39
Delta R.T
Lab File:
Acq: 23 Nov 2021 23:49

Instrument :
MSVOA_L
ClientSampleId :
SG-PURE-BARREDL

Tgt Ion: 95 Resp: 1677924

Ion	Ratio	Lower	Upper
95	100		
174	61.4	53.1	79.7
175	4.5	4.0	6.0