Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL020122\
Data File : VL038322.D
Acq On : 1 Feb 2022 15:26
Operator : SY/AP
Sample : N1341-02DUPDL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SVP-2DUPDL

Quant Time: Feb 02 05:13:55 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 24 14:12:48 2022
QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.63	49	968496	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.14	114	2677217	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.04	117	2354007	10.00	ppbv	-0.05
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.37	95	1786516	10.00	ppbv	-0.05
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.00%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.97	51	8246	0.043	ppbv	100
4) Chloromethane	3.12	50	2462	0.037	ppbv #	86
9) Propene	3.19	41	204657	3.261	ppbv	99
10) Heptane	8.09	43	17543	0.109	ppbv	93
13) Ethanol	3.60	45	16284	2.417	ppbv	78
15) Acetone	3.85	43	173152	2.028	ppbv #	89
16) 1,3-Butadiene	3.29	39	15873	0.259	ppbv	99
20) Methylene Chloride	4.32	84	16583	0.334	ppbv	94
25) Ethyl Acetate	5.66	43	53351	0.223	ppbv #	81
26) Hexane	5.66	57	67513	0.607	ppbv #	45
27) Carbon Disulfide	4.52	76	4594	0.035	ppbv #	1
30) Cyclohexane	7.09	84	3714	0.038	ppbv #	1
34) 2-Butanone	5.23	43	16323	0.186	ppbv #	85
36) Benzene	6.85	78	17476	0.074	ppbv #	93
39) 1,2-Dichloropropane	7.14	63	663795	6.914	ppbv #	25
53) Toluene	9.76	91	41910	0.160	ppbv	93
58) Ethyl Benzene	12.67	91	10546	0.030	ppbv	98
60) o-Xylene	13.64	91	8687	0.032	ppbv #	32

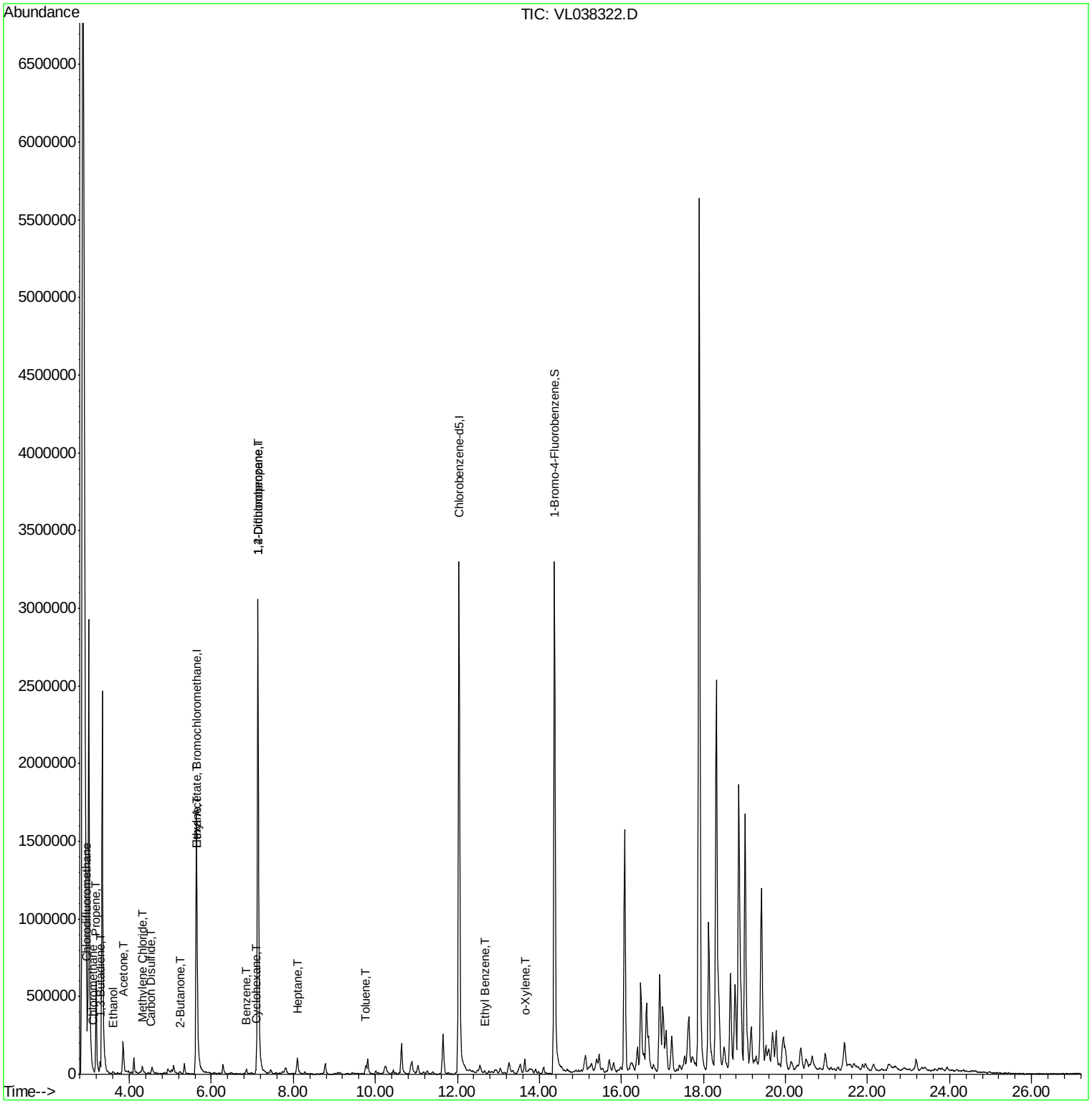
(#) = qualifier out of range (m) = manual integration (+) = signals summed

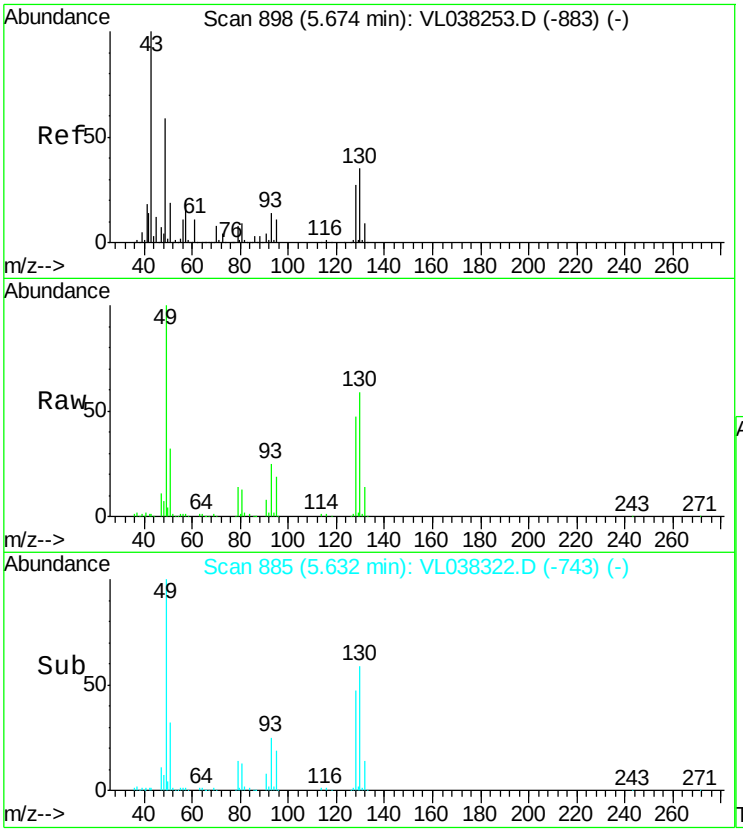
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL020122\
Data File : VL038322.D
Acq On : 1 Feb 2022 15:26
Operator : SY/AP
Sample : N1341-02DUPDL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SVP-2DUPDL

Quant Time: Feb 02 05:13:55 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 24 14:12:48 2022
QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration



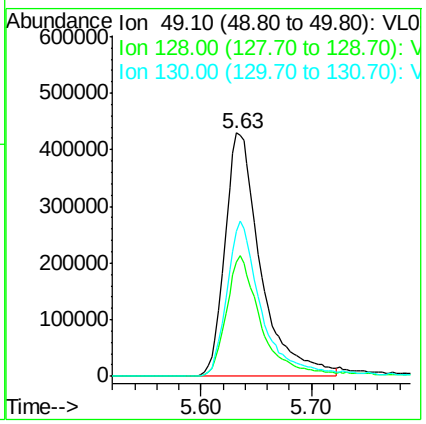


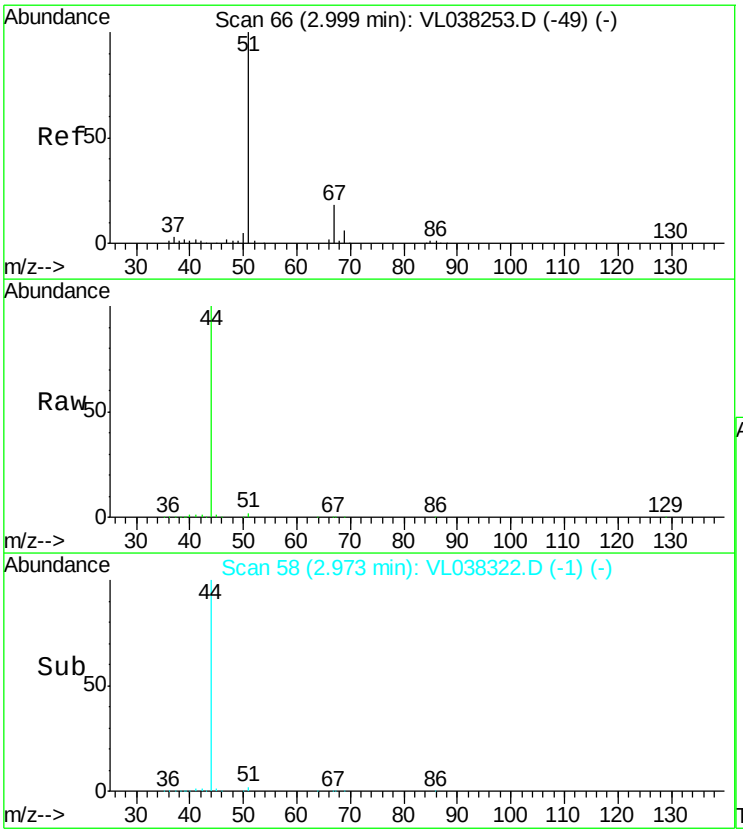
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.63
Delta R.T
Lab File:
Acq: 1 Feb 2022 15:26

Instrument :
MSVOA_L
ClientSampleId :
SVP-2DUPDL

Tgt Ion: 49 Resp: 968496

Ion	Ratio	Lower	Upper
49	100		
128	49.0	24.5	73.5
130	63.8	30.1	90.5

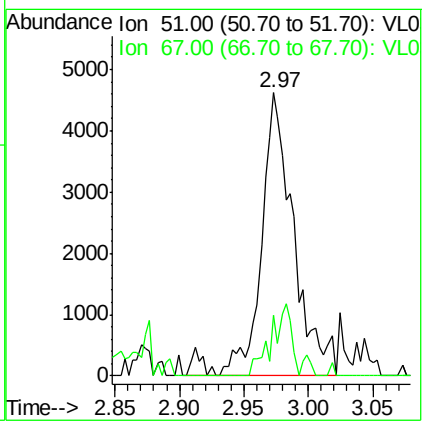


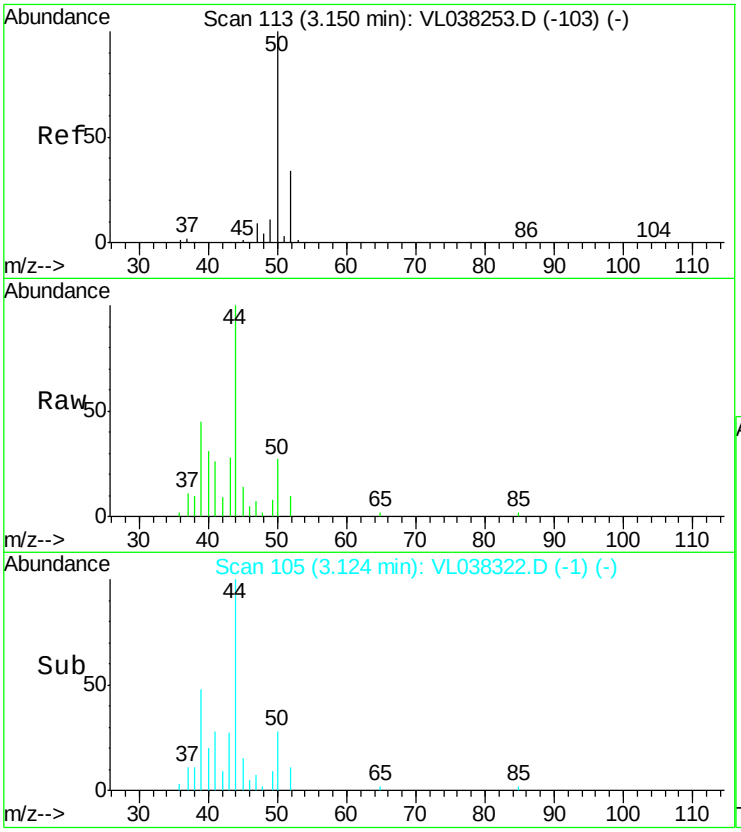


#3
Chlorodifluoromethane
Concen: 0.043 ppbv
RT: 2.97 min Scan# 58
Delta R.T. -0.03 min
Lab File: VL038322.D
Acq: 1 Feb 2022 15:26

Tgt Ion: 51 Resp: 8246

Ion	Ratio	Lower	Upper
51	100		
67	18.0	14.4	21.6



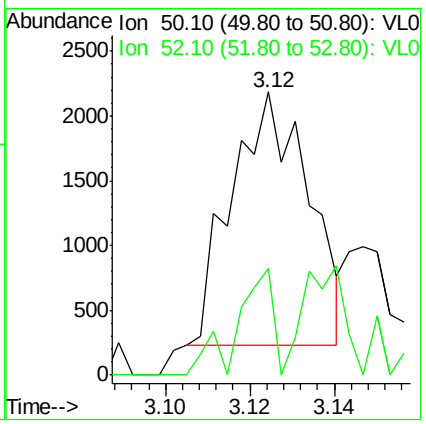


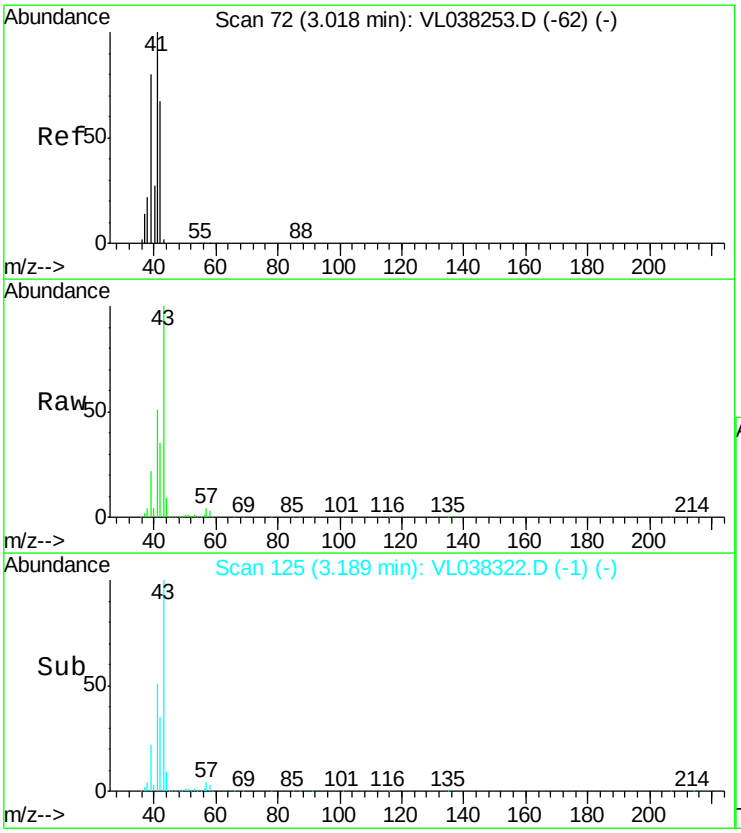
#4
Chloromethane
Concen: 0.037 ppbv
RT: 3.12
Delta R.T
Lab File:
Acq: 1 Feb 2022 15:26

Instrument :
MSVOA_L
ClientSampleId :
SVP-2DUPDL

Tgt Ion: 50 Resp: 2462

Ion	Ratio	Lower	Upper
50	100		
52	41.9	27.1	40.7#

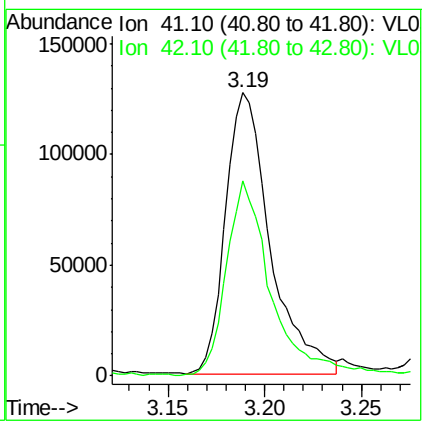


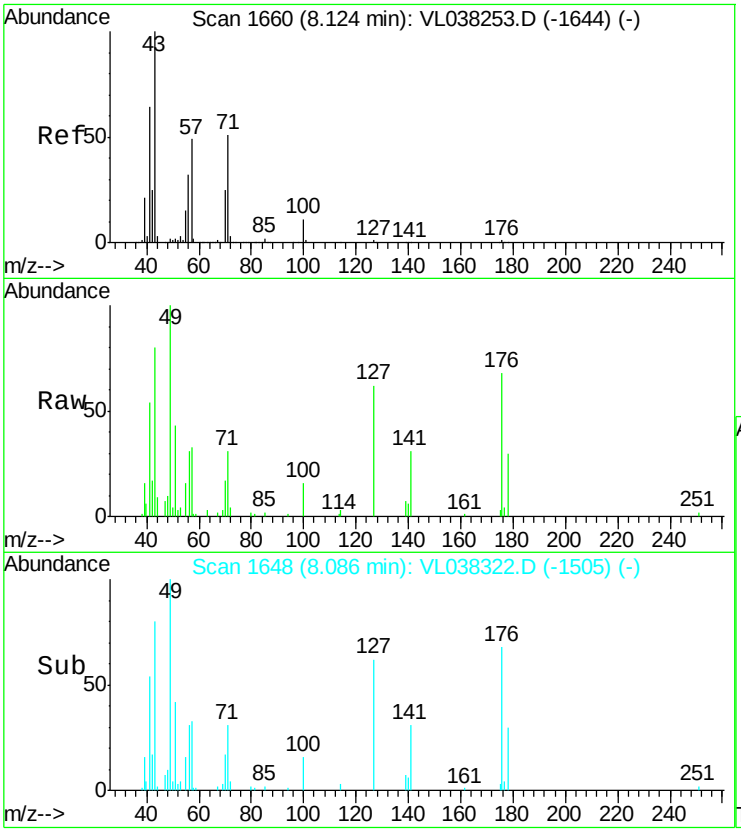


#9
Propene
Concen: 3.261 ppbv
RT: 3.19 min Scan# 125
Delta R.T. 0.17 min
Lab File: VL038322.D
Acq: 1 Feb 2022 15:26

Tgt Ion: 41 Resp: 204657

Ion	Ratio	Lower	Upper
41	100		
42	69.6	54.9	82.3



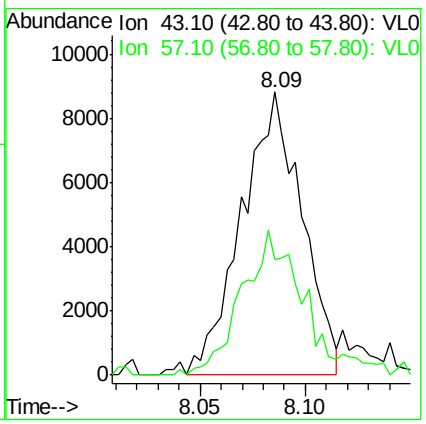


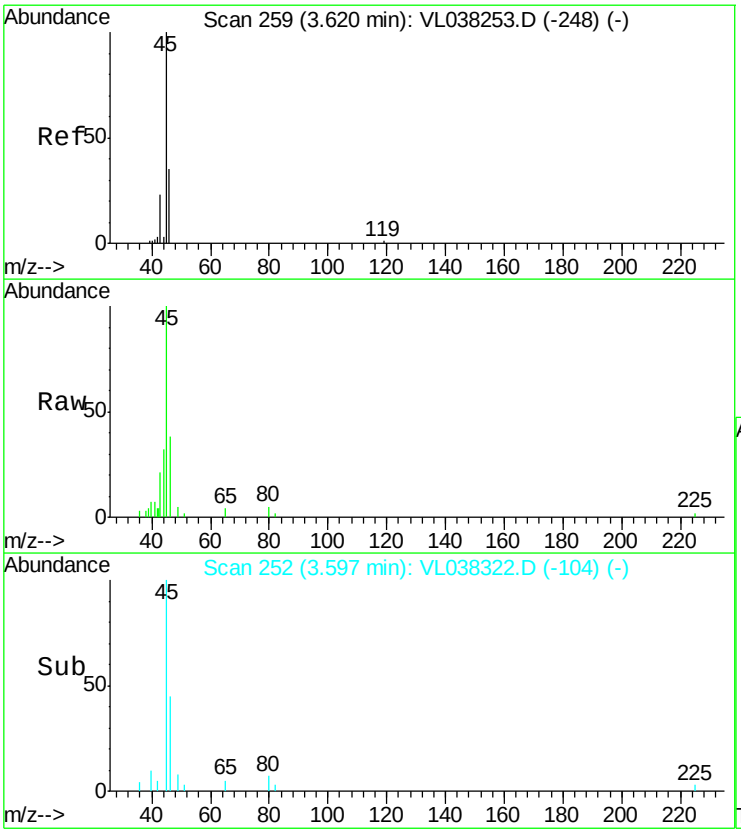
#10
Heptane
Concen: 0.109 ppbv
RT: 8.09
Delta R.T
Lab File:
Acq: 1 Feb 2022 15:26

Instrument :
MSVOA_L
ClientSampleId :
SVP-2DUPDL

Tgt Ion: 43 Resp: 17543

Ion	Ratio	Lower	Upper
43	100		
57	54.4	39.5	59.3

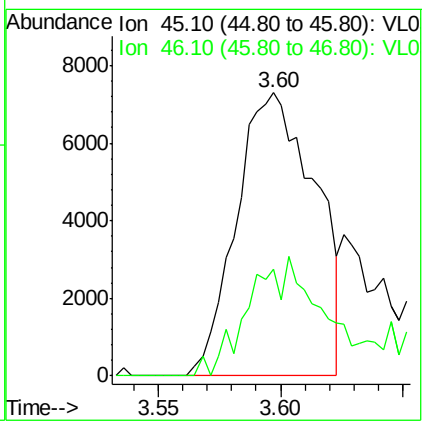


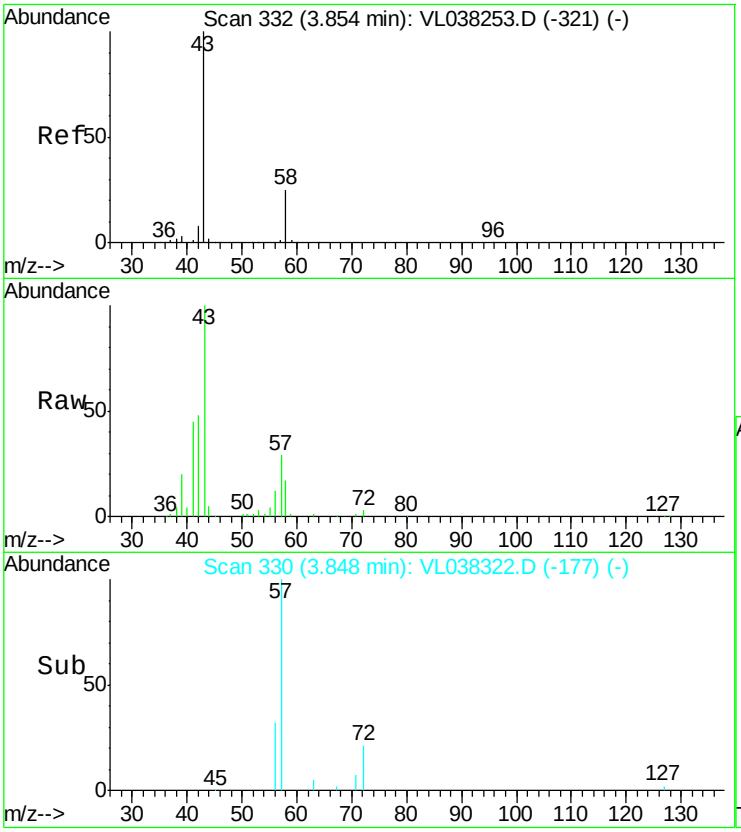


#13
Ethanol
Concen: 2.417 ppbv
RT: 3.60 min Scan# 252
Delta R.T. -0.02 min
Lab File: VL038322.D
Acq: 1 Feb 2022 15:26

Tgt Ion: 45 Resp: 16284

Ion	Ratio	Lower	Upper
45	100		
46	51.8	15.4	61.6



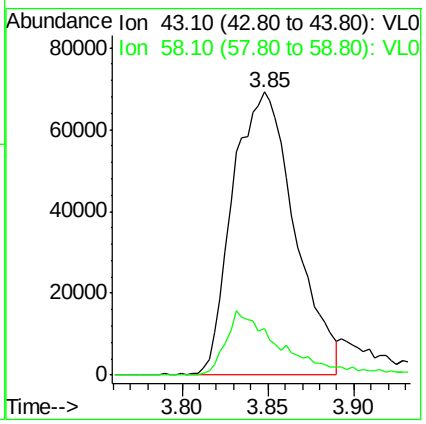


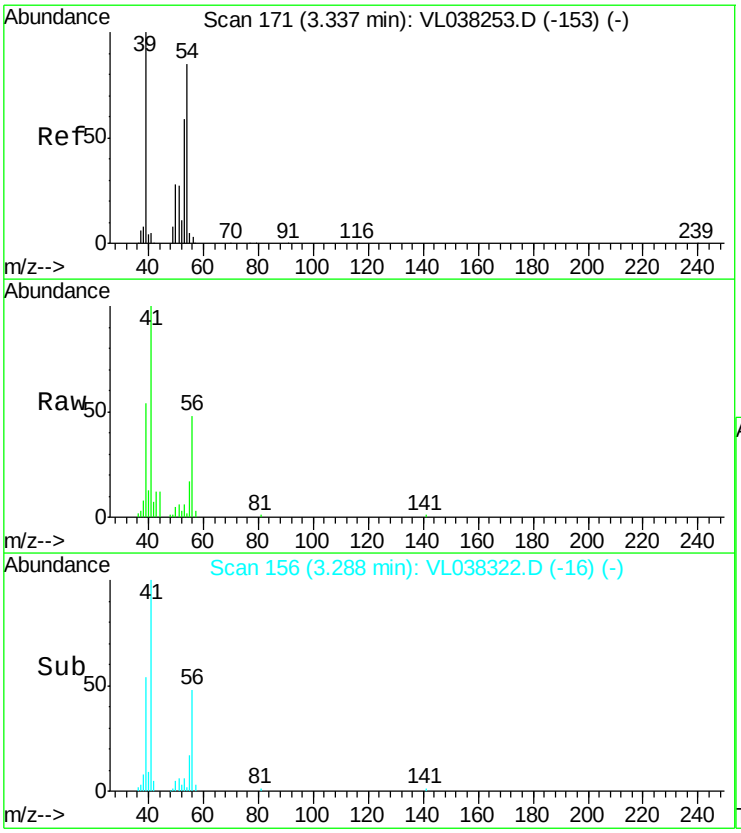
#15
Acetone
Concen: 2.028 ppbv
RT: 3.85
Delta R.T
Lab File:
Acq: 1 Feb 2022 15:26

Instrument :
MSVOA_L
ClientSampleId :
SVP-2DUPDL

Tgt Ion: 43 Resp: 173152

Ion	Ratio	Lower	Upper
43	100		
58	21.4	21.5	32.3#

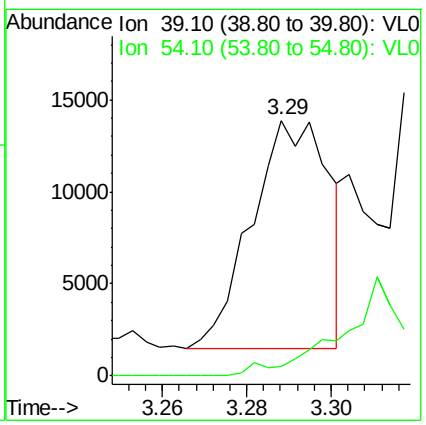


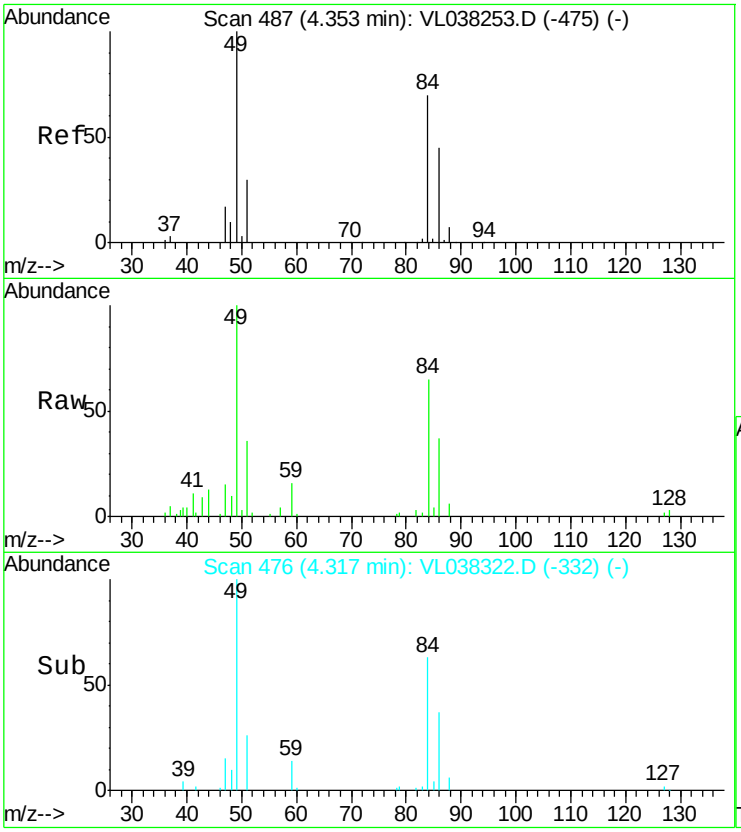


#16
1,3-Butadiene
Concen: 0.259 ppbv
RT: 3.29 min Scan# 156
Delta R.T. -0.05 min
Lab File: VL038322.D
Acq: 1 Feb 2022 15:26

Tgt Ion: 39 Resp: 15873

Ion	Ratio	Lower	Upper
39	100		
54	78.9	62.6	94.0



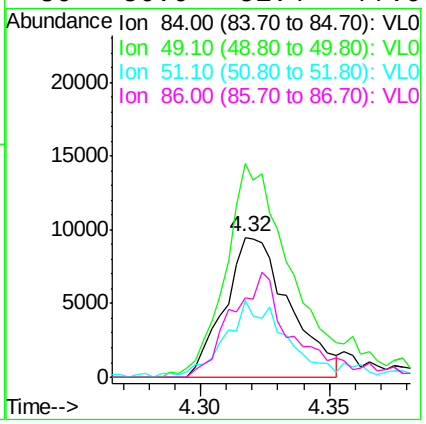


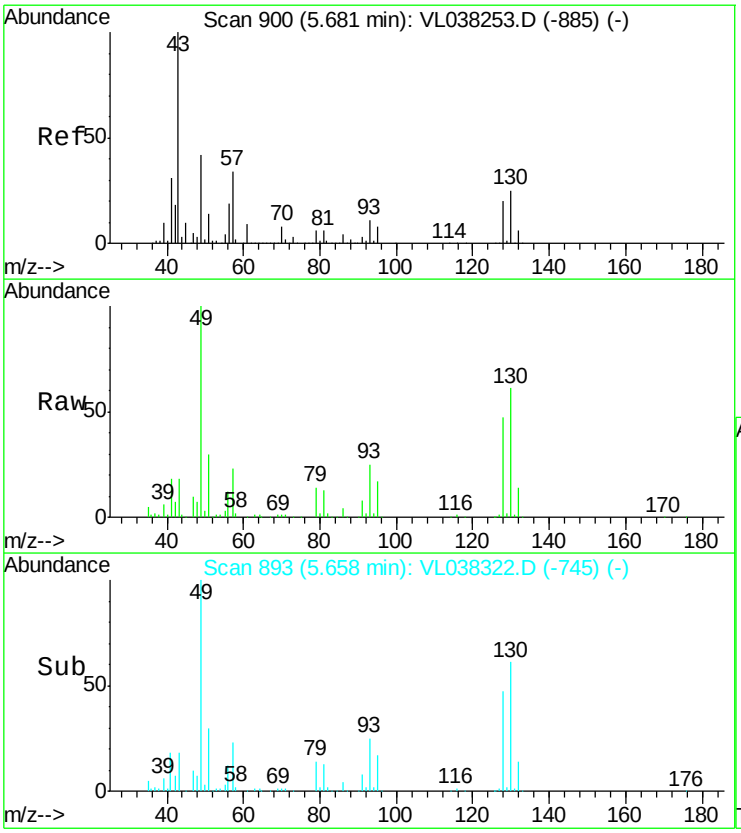
#20
Methylene Chloride
Concen: 0.334 ppbv
RT: 4.32
Delta R.T
Lab File:
Acq: 1 Feb 2022 15:26

Instrument :
MSVOA_L
ClientSampleId :
SVP-2DUPDL

Tgt Ion: 84 Resp: 16583

Ion	Ratio	Lower	Upper
84	100		
49	146.7	115.0	172.6
51	51.5	35.0	52.6
86	56.6	51.4	77.0

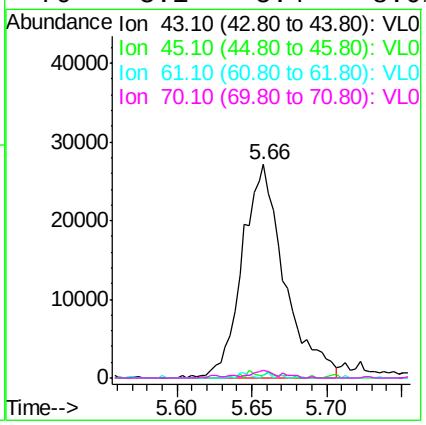


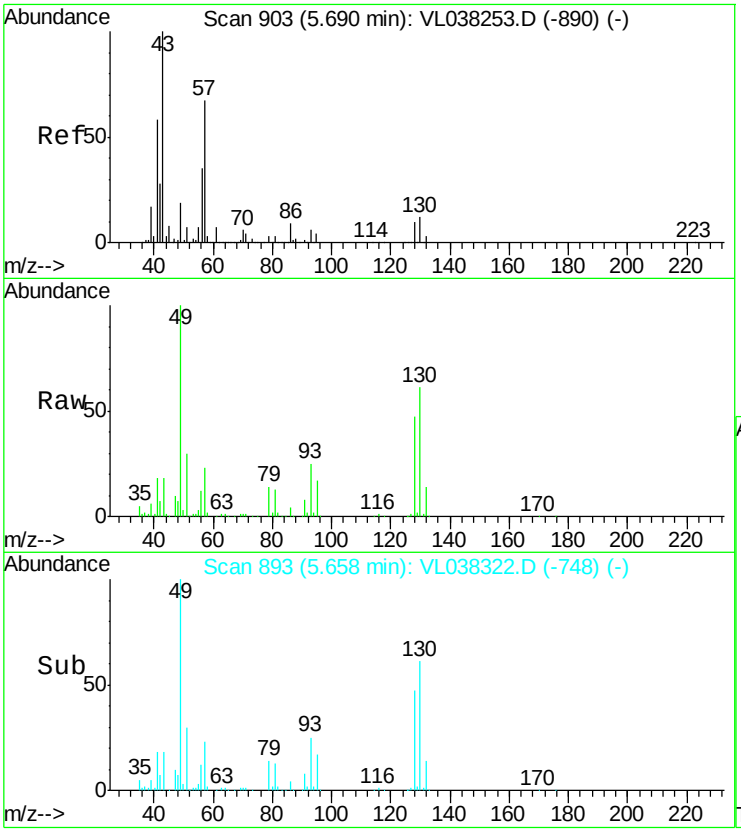


#25
Ethyl Acetate
Concen: 0.223 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.02 min
Lab File: VL038322.D
Acq: 1 Feb 2022 15:26

Tgt Ion: 43 Resp: 53351

Ion	Ratio	Lower	Upper
43	100		
45	2.0	7.9	11.9#
61	1.1	7.8	11.8#
70	3.1	5.4	8.0#



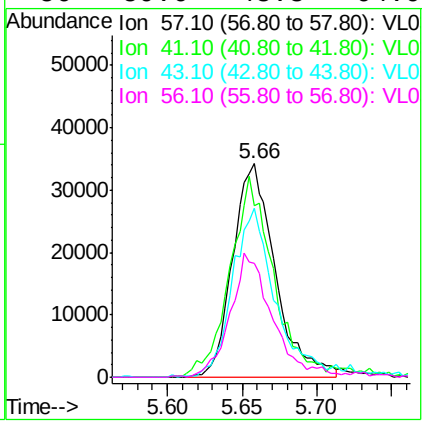


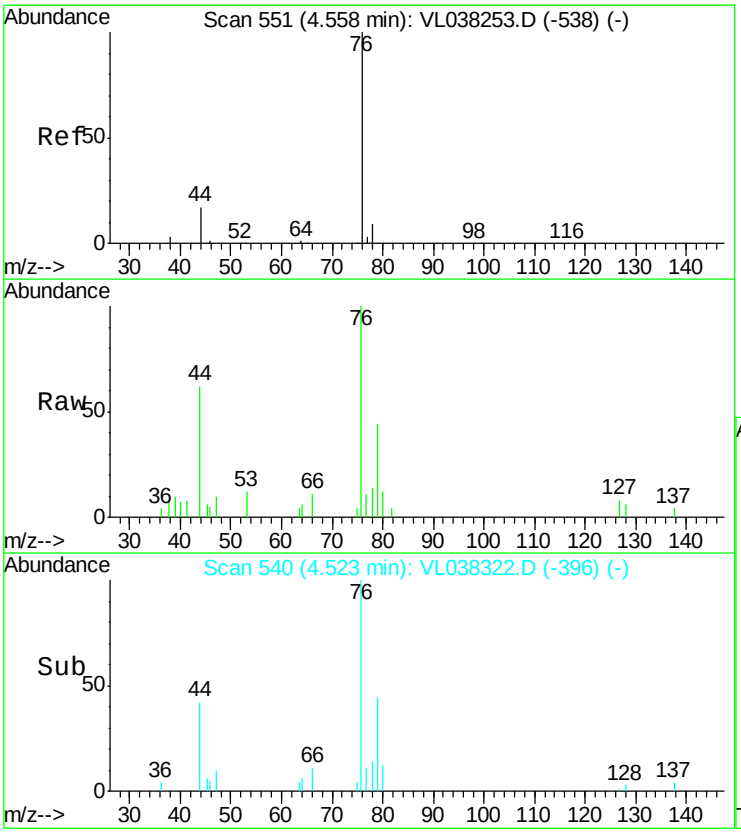
#26
Hexane
Concen: 0.607 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 1 Feb 2022 15:26

Instrument :
MSVOA_L
ClientSampleId :
SVP-2DUPDL

Tgt Ion: 57 Resp: 67513

Ion	Ratio	Lower	Upper
57	100		
41	99.6	72.8	109.2
43	83.8	177.0	265.6#
56	59.6	43.3	64.9

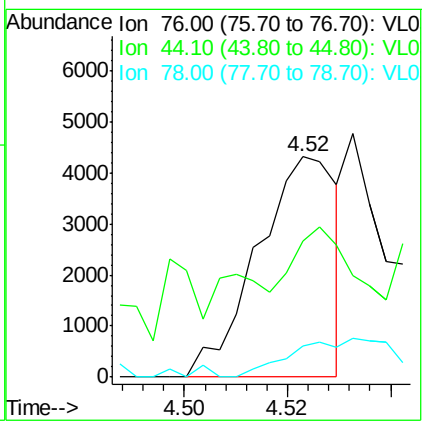


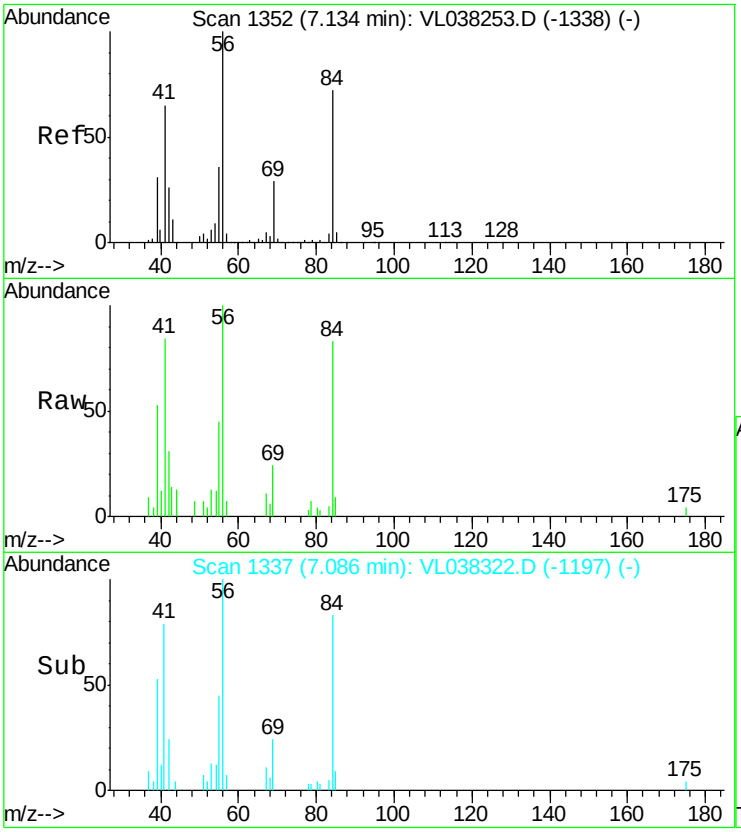


#27
Carbon Disulfide
Concen: 0.035 ppbv
RT: 4.52 min Scan# 540
Delta R.T. -0.04 min
Lab File: VL038322.D
Acq: 1 Feb 2022 15:26

Tgt Ion: 76 Resp: 4594

Ion	Ratio	Lower	Upper
76	100		
44	93.4	14.8	22.2#
78	0.0	7.9	11.9#



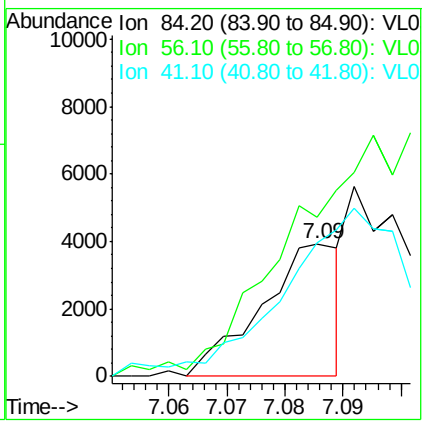


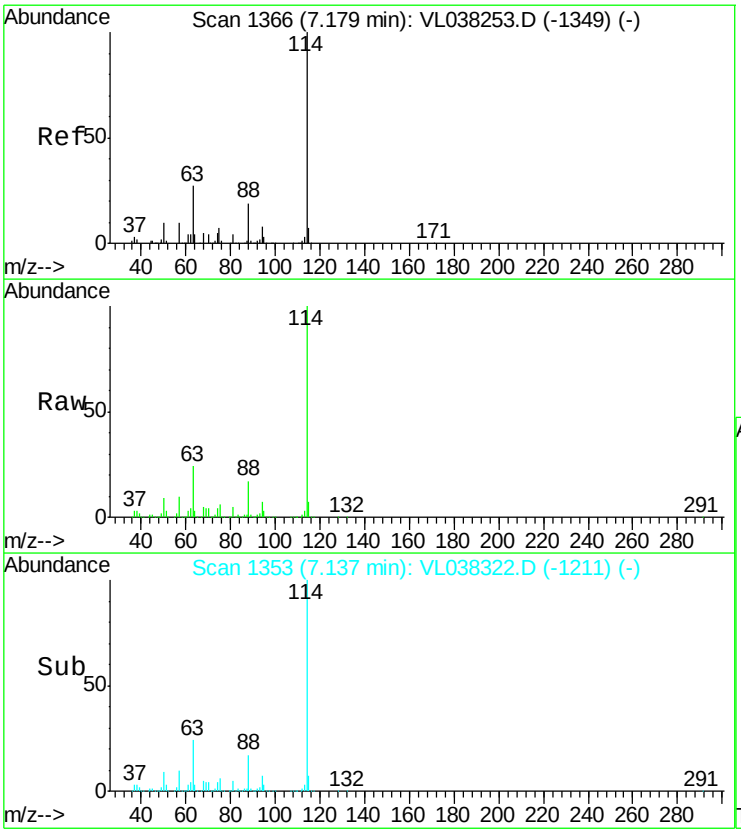
#30
Cyclohexane
Concen: 0.038 ppbv
RT: 7.09
Delta R.T
Lab File:
Acq: 1 Feb 2022 15:26

Instrument :
MSVOA_L
ClientSampleId :
SVP-2DUPDL

Tgt Ion: 84 Resp: 3714

Ion	Ratio	Lower	Upper
84	100		
56	0.0	112.7	169.1#
41	0.0	71.1	106.7#

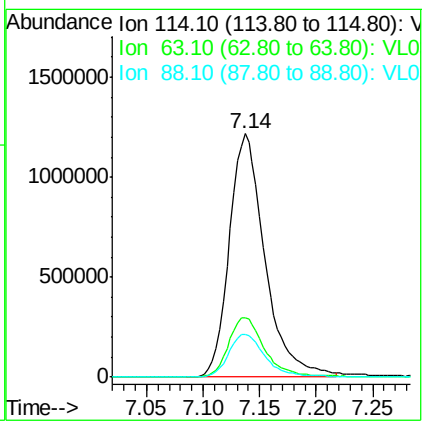


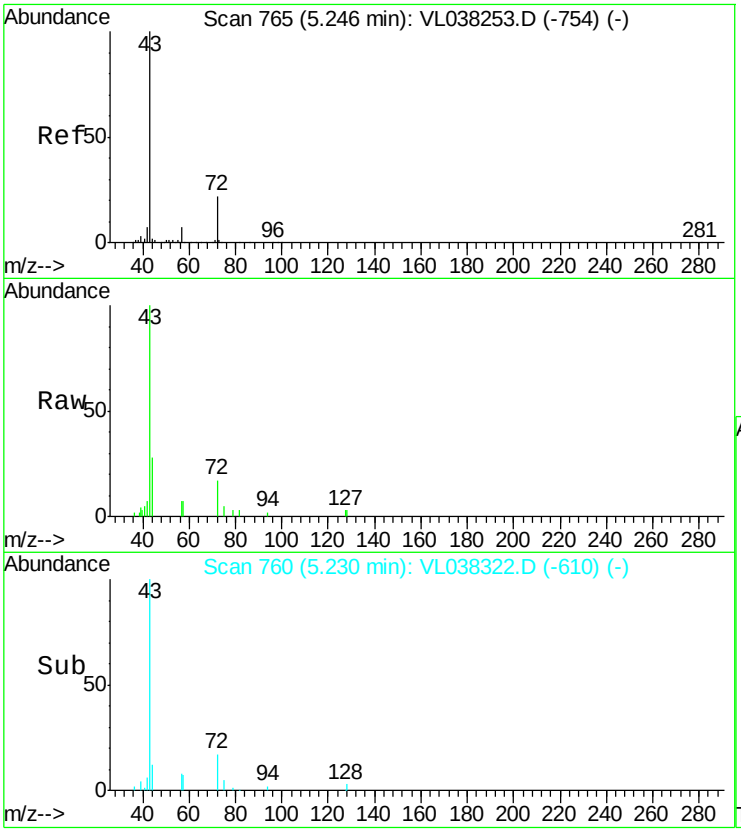


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. -0.04 min
Lab File: VL038322.D
Acq: 1 Feb 2022 15:26

Tgt Ion:114 Resp: 2677217

Ion	Ratio	Lower	Upper
114	100		
63	25.2	22.0	33.0
88	18.2	15.0	22.6



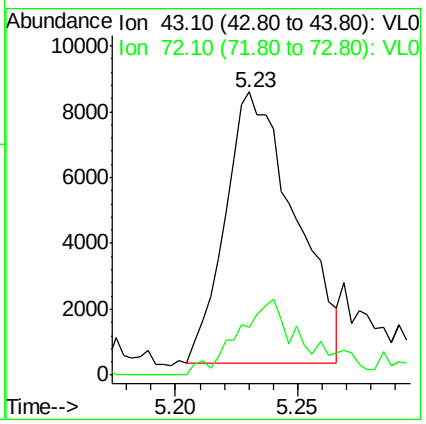


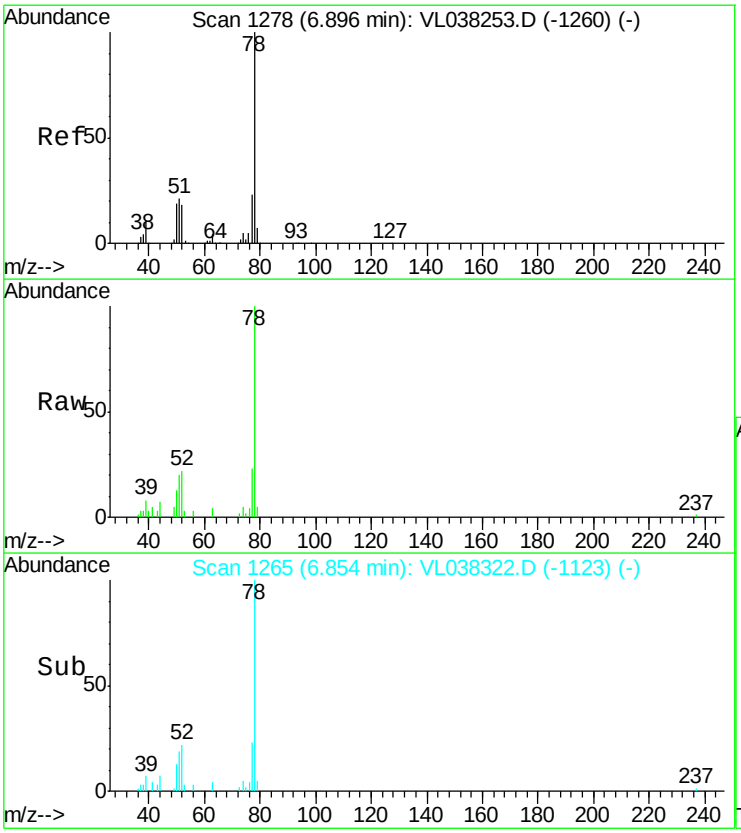
#34
2-Butanone
Concen: 0.186 ppbv
RT: 5.23
Delta R.T
Lab File:
Acq: 1 Feb 2022 15:26

Instrument :
MSVOA_L
ClientSampleId :
SVP-2DUPDL

Tgt Ion: 43 Resp: 16323

Ion	Ratio	Lower	Upper
43	100		
72	29.8	18.1	27.1#

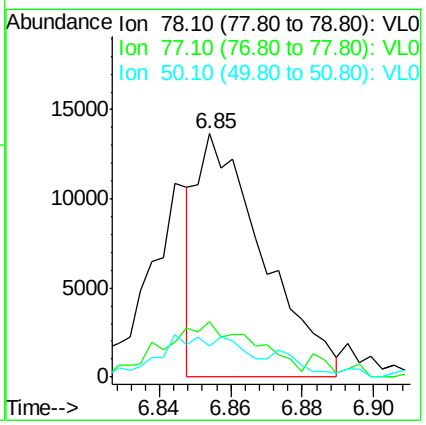


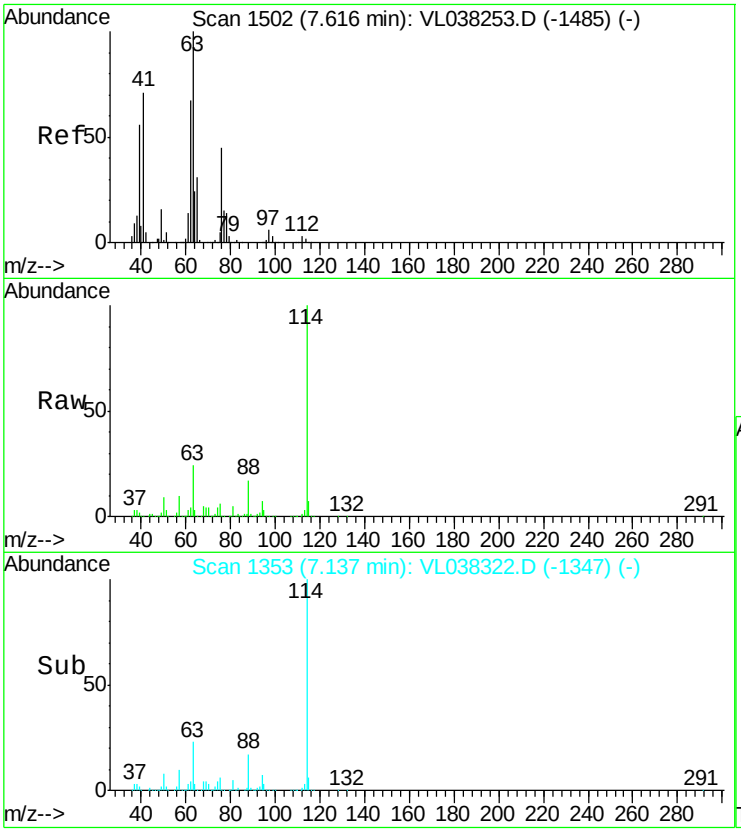


#36
Benzene
Concen: 0.074 ppbv
RT: 6.85 min Scan# 1265
Delta R.T. -0.04 min
Lab File: VL038322.D
Acq: 1 Feb 2022 15:26

Tgt Ion: 78 Resp: 17476

Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.2	27.2
50	12.3	15.1	22.7#



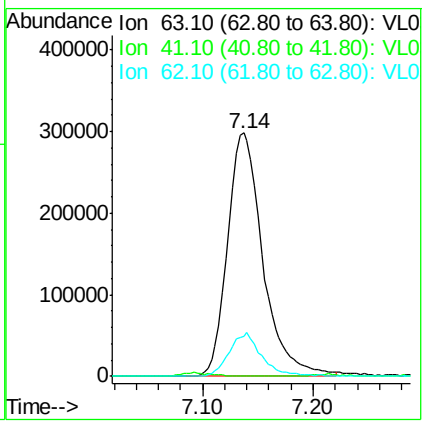


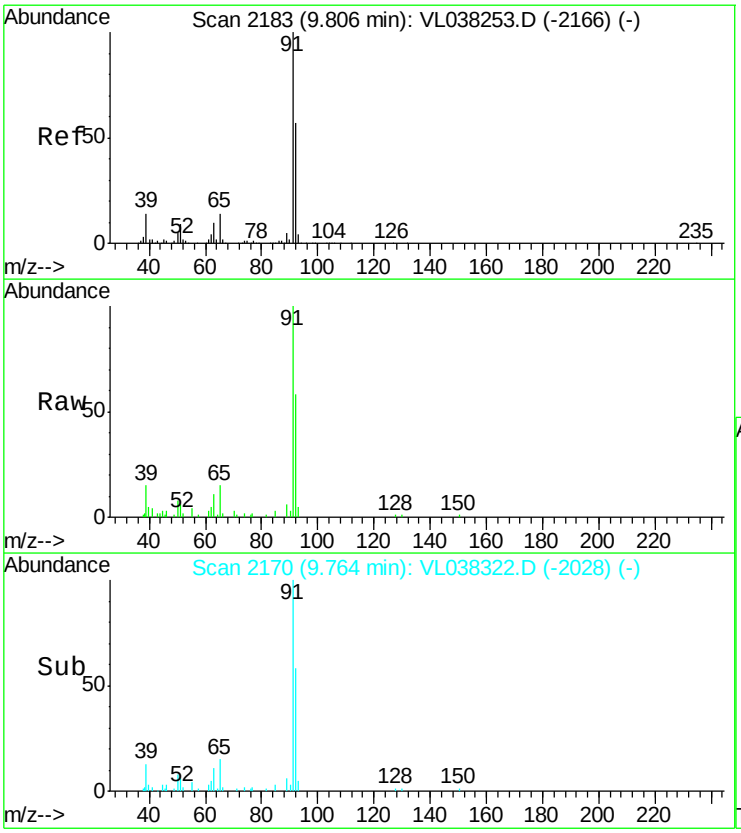
#39
1,2-Dichloropropane
Concen: 6.914 ppbv
RT: 7.14
Delta R.T
Lab File:
Acq: 1 Feb 2022 15:26

Instrument :
MSVOA_L
ClientSampleId :
SVP-2DUPDL

Tgt Ion: 63 Resp: 663795

Ion	Ratio	Lower	Upper
63	100		
41	0.0	56.6	85.0#
62	16.2	53.9	80.9#

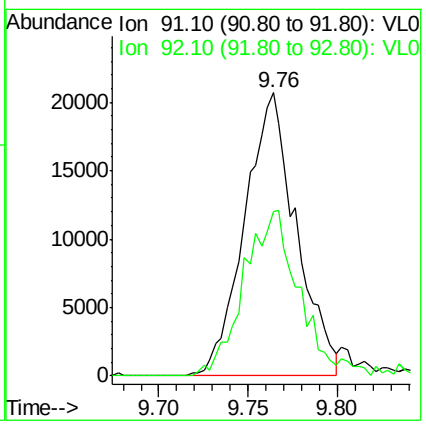


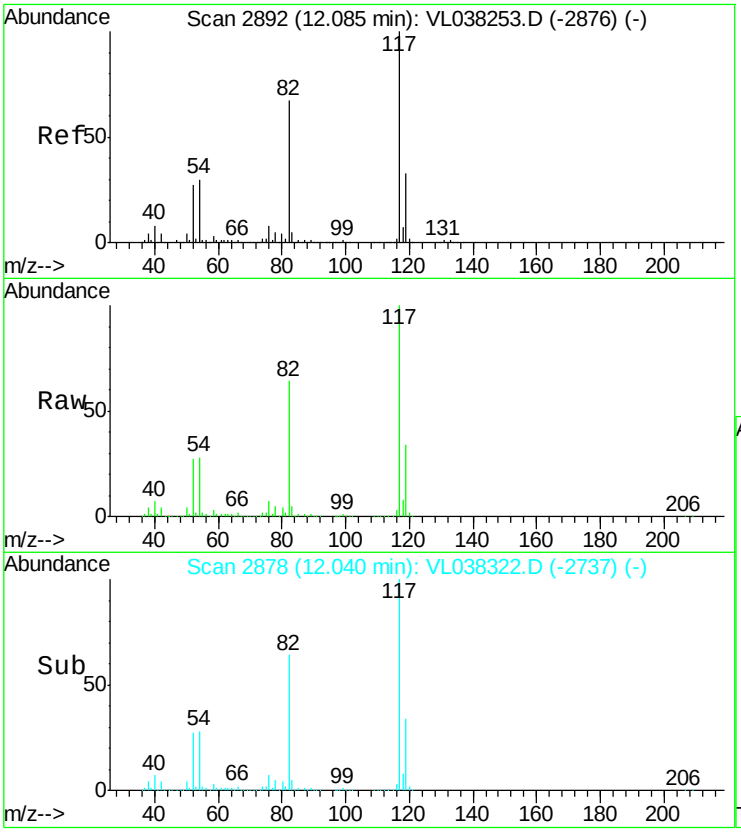


#53
Toluene
Concen: 0.160 ppbv
RT: 9.76 min Scan# 2170
Delta R.T. -0.04 min
Lab File: VL038322.D
Acq: 1 Feb 2022 15:26

Tgt Ion: 91 Resp: 41910

Ion	Ratio	Lower	Upper
91	100		
92	64.2	47.4	71.0



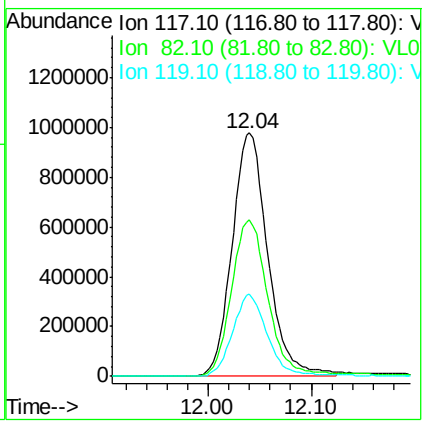


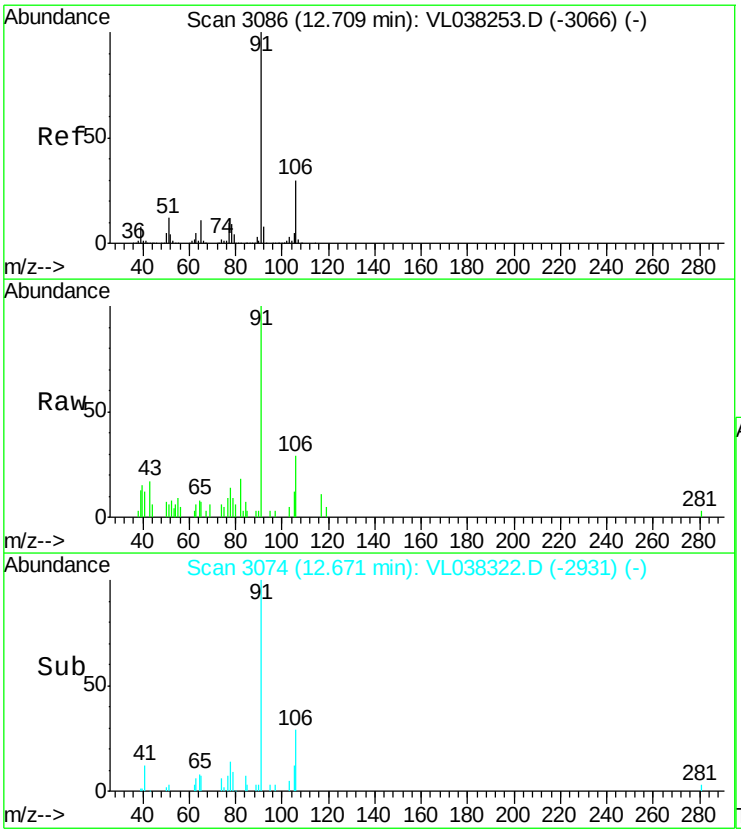
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.04
Delta R.T
Lab File:
Acq: 1 Feb 2022 15:26

Instrument :
MSVOA_L
ClientSampleId :
SVP-2DUPDL

Tgt Ion:117 Resp: 2354007

Ion	Ratio	Lower	Upper
117	100		
82	67.7	54.4	81.6
119	34.1	45.9	68.9#

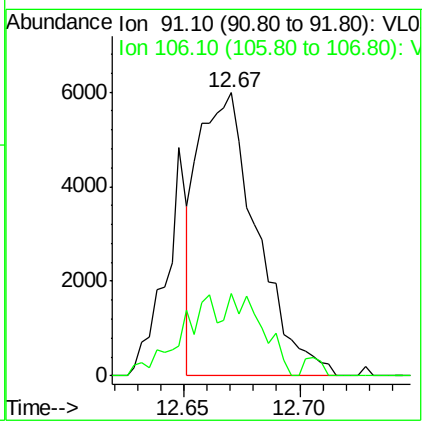


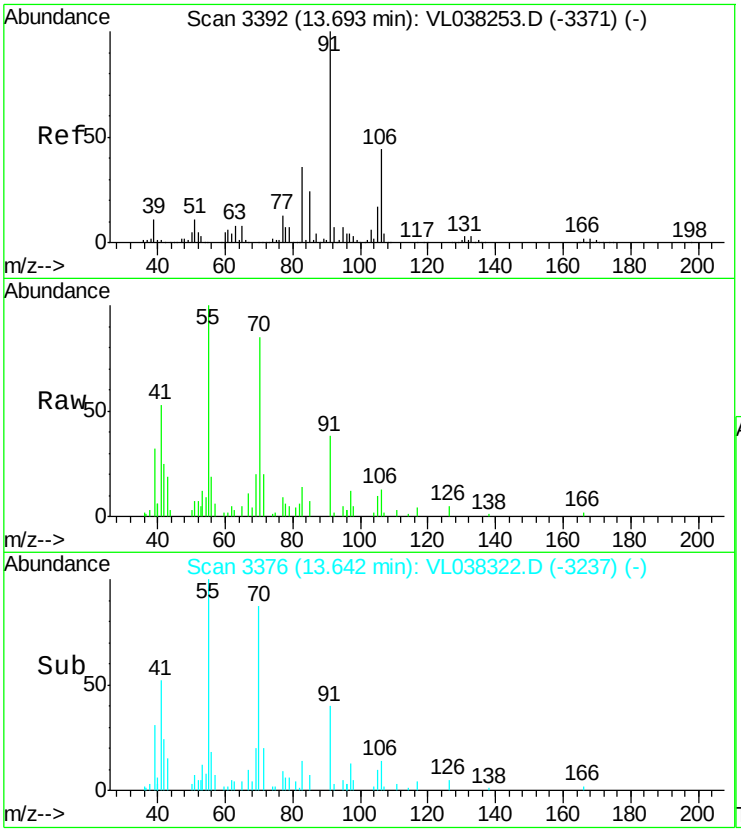


#58
Ethyl Benzene
Concen: 0.030 ppbv
RT: 12.67 min Scan# 3074
Delta R.T. -0.04 min
Lab File: VL038322.D
Acq: 1 Feb 2022 15:26

Tgt Ion: 91 Resp: 10546

Ion	Ratio	Lower	Upper
91	100		
106	29.3	24.1	36.1



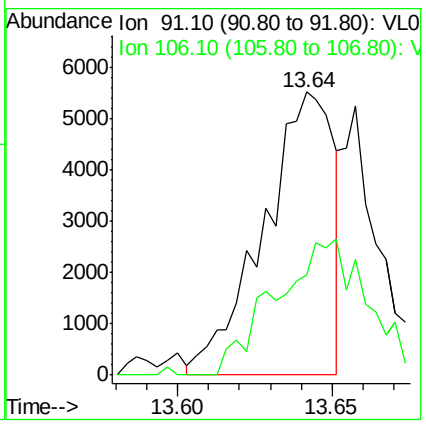


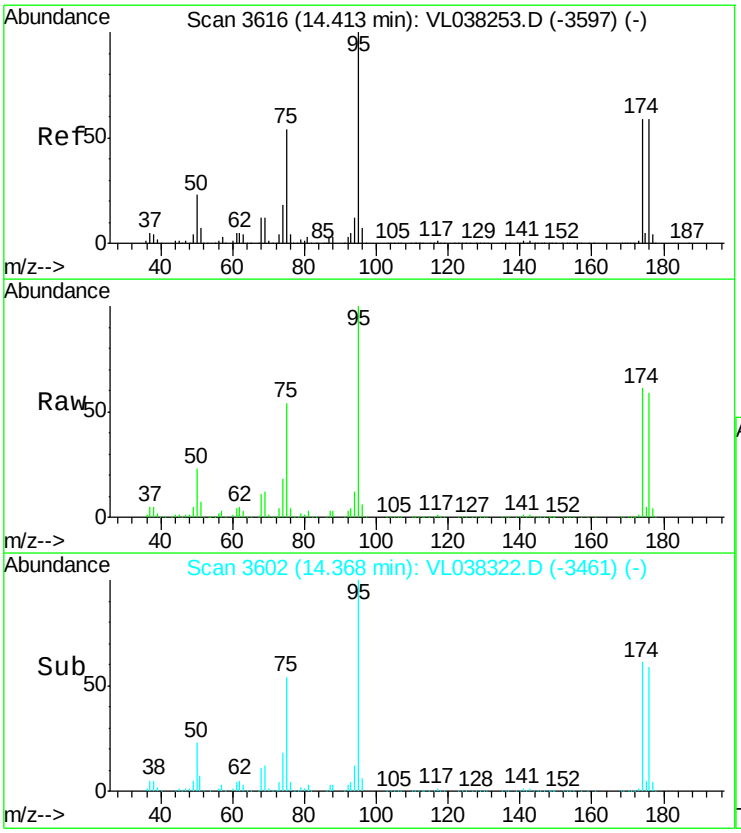
#60
o-Xylene
Concen: 0.032 ppbv
RT: 13.64
Delta R.T
Lab File:
Acq: 1 Feb 2022 15:26

Instrument :
MSVOA_L
ClientSampleId :
SVP-2DUPDL

Tgt Ion: 91 Resp: 8687

Ion	Ratio	Lower	Upper
91	100		
106	0.0	22.2	66.6#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.999 ppbv
RT: 14.37 min Scan# 3602
Delta R.T. -0.05 min
Lab File: VL038322.D
Acq: 1 Feb 2022 15:26

Tgt Ion: 95 Resp: 1786516

Ion	Ratio	Lower	Upper
95	100		
174	64.0	48.3	72.5
175	4.6	3.5	5.3