Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052522\
Data File : VL039120.D
Acq On : 25 May 2022 16:44
Operator : SY/AP
Sample : N2956-01DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : AP-1DL

Quant Time: May 26 07:57:53 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 10:12:15 2022
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	977927	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.14	114	2179666	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.05	117	1872763	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.38	95	1559988	10.52	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.20%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.97	51	8111	0.067	ppbv	95
4) Chloromethane	3.12	50	3333	0.055	ppbv #	61
9) Propene	3.01	41	144743	2.731	ppbv #	61
13) Ethanol	3.60	45	22786	6.076	ppbv	76
15) Acetone	3.84	43	70900	0.769	ppbv #	88
16) 1,3-Butadiene	3.34	39	101944	1.923	ppbv #	11
20) Methylene Chloride	4.32	84	187438	5.391	ppbv	93
25) Ethyl Acetate	5.66	43	154813	0.701	ppbv #	77
26) Hexane	5.66	57	230454	2.349	ppbv #	37
39) 1,2-Dichloropropane	7.14	63	625978	8.625	ppbv #	28
59) m/p-Xylene	12.96	91	12157	0.053	ppbv #	33
60) o-Xylene	13.65	91	7134	0.033	ppbv #	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052522\
Data File : VL039120.D
Acq On : 25 May 2022 16:44
Operator : SY/AP
Sample : N2956-01DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
AP-1DL

Quant Time: May 26 07:57:53 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
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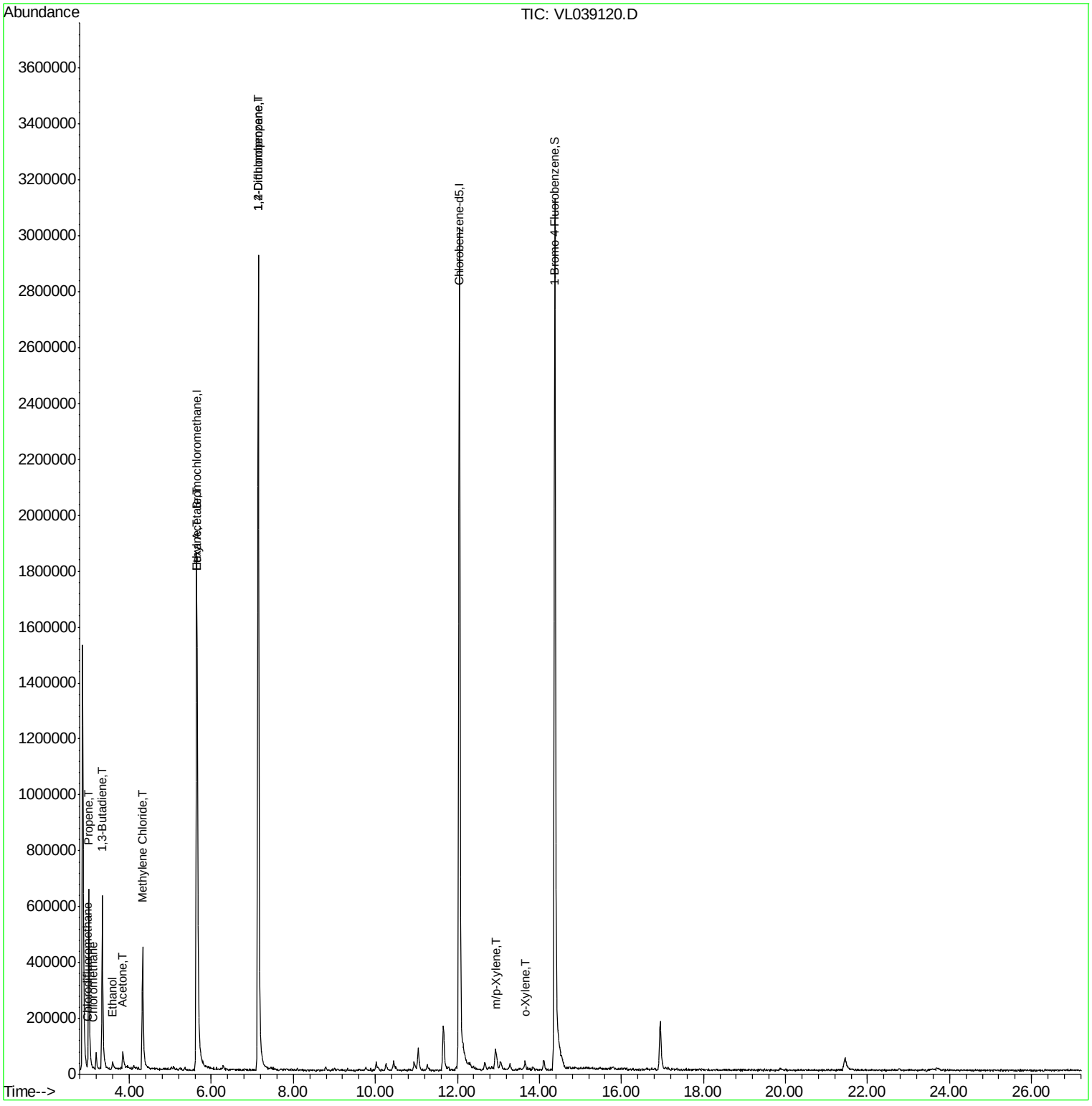
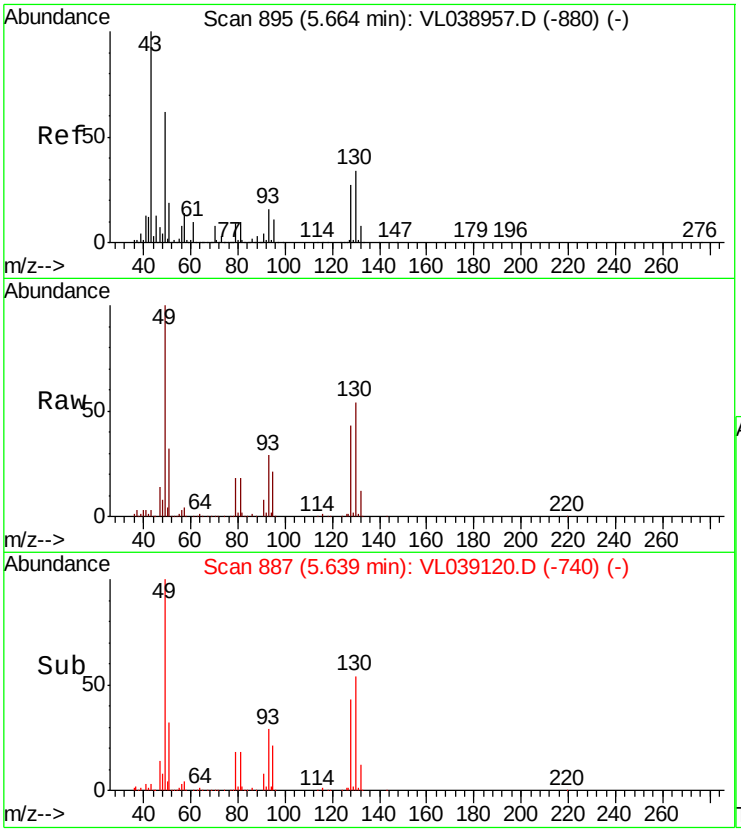
Response via : Initial Calibration



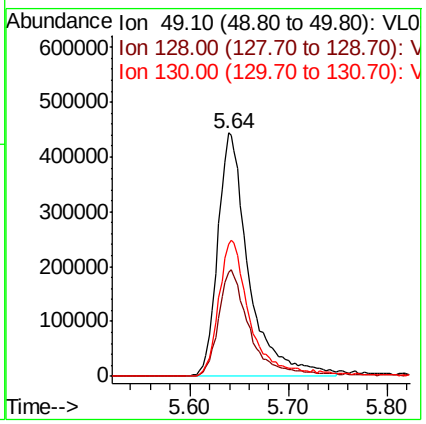


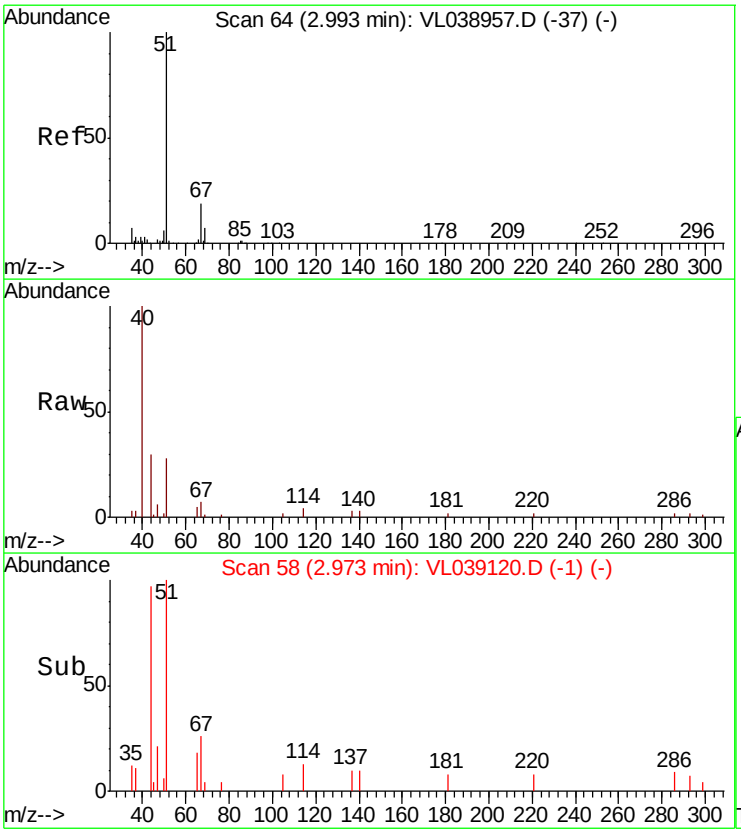
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64
Delta R.T
Lab File:
Acq: 25 May 2022 16:44

Instrument :
MSVOA_L
ClientSampleId :
AP-1DL

Tgt Ion: 49 Resp: 977927

Ion	Ratio	Lower	Upper
49	100		
128	45.5	23.3	69.8
130	58.2	29.8	89.3

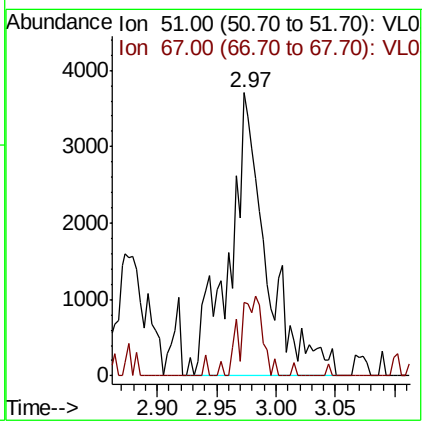


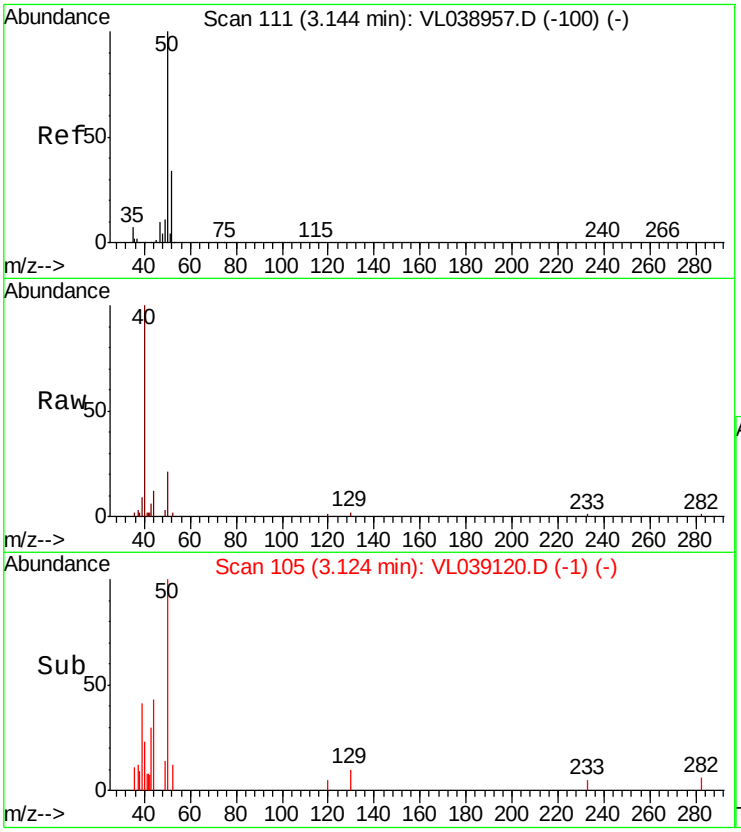


#3
Chlorodifluoromethane
Concen: 0.067 ppbv
RT: 2.97 min Scan# 58
Delta R.T. -0.02 min
Lab File: VL039120.D
Acq: 25 May 2022 16:44

Tgt Ion: 51 Resp: 8111

Ion	Ratio	Lower	Upper
51	100		
67	17.7	15.8	23.8



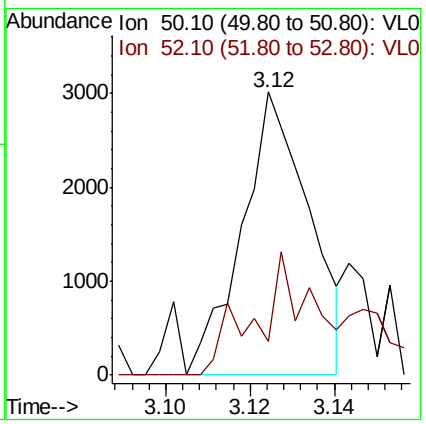


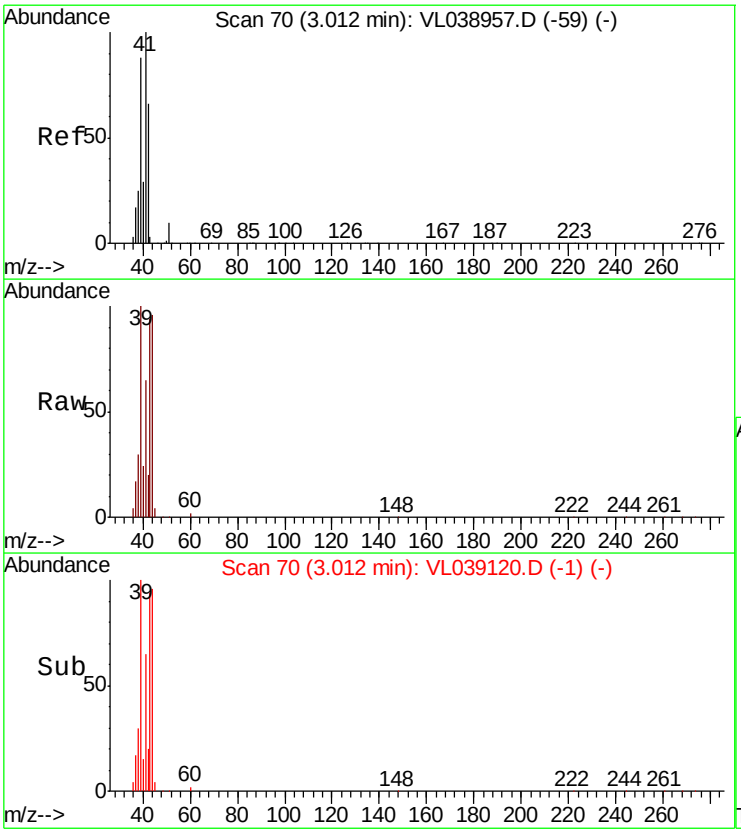
#4
Chloromethane
Concen: 0.055 ppbv
RT: 3.12
Delta R.T
Lab File:
Acq: 25 May 2022 16:44

Instrument :
MSVOA_L
ClientSampleId :
AP-1DL

Tgt Ion: 50 Resp: 3333

Ion	Ratio	Lower	Upper
50	100		
52	11.8	27.3	40.9#

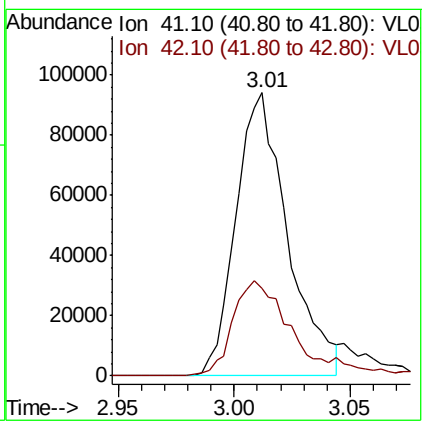


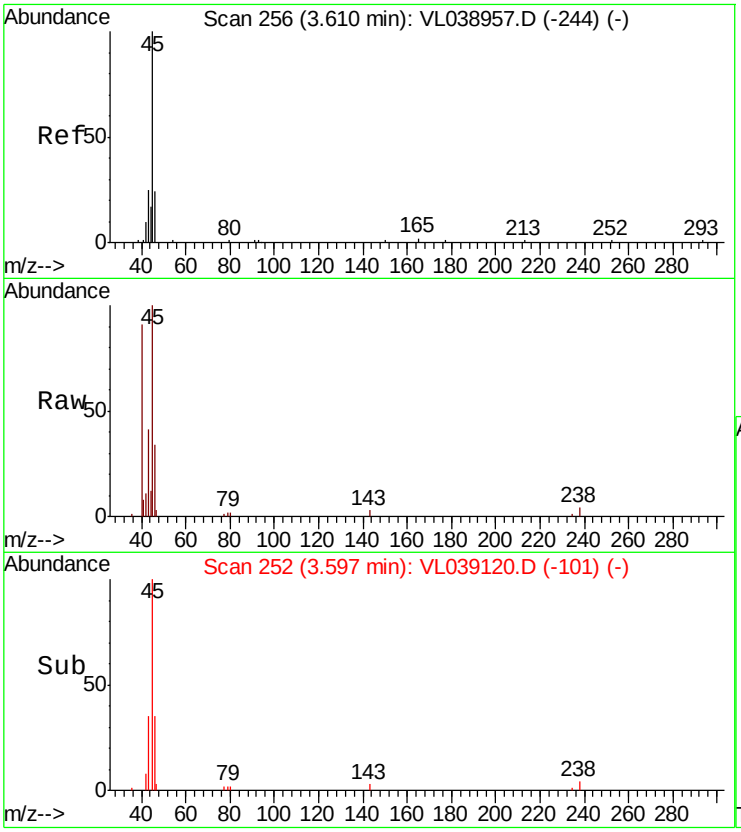


#9
Propene
Concen: 2.731 ppbv
RT: 3.01 min Scan# 70
Delta R.T. -0.00 min
Lab File: VL039120.D
Acq: 25 May 2022 16:44

Tgt Ion: 41 Resp: 144743

Ion	Ratio	Lower	Upper
41	100		
42	39.9	58.3	87.5#



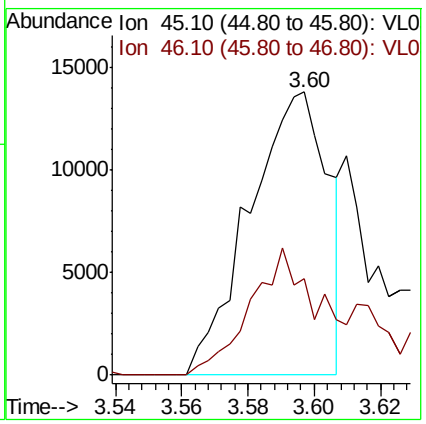


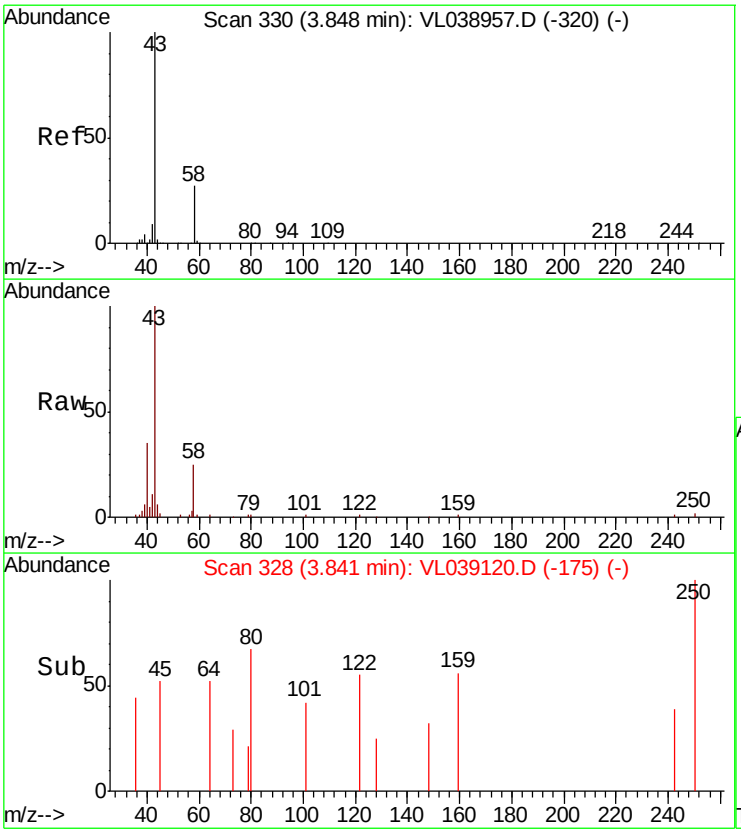
#13
Ethanol
Concen: 6.076 ppbv
RT: 3.60
Delta R.T
Lab File:
Acq: 25 May 2022 16:44

Instrument :
MSVOA_L
ClientSampleId :
AP-1DL

Tgt Ion: 45 Resp: 22786

Ion	Ratio	Lower	Upper
45	100		
46	60.7	18.0	72.2

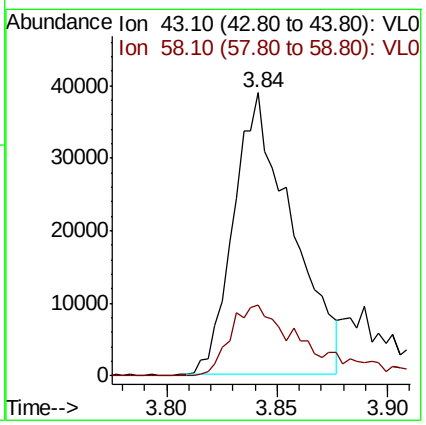


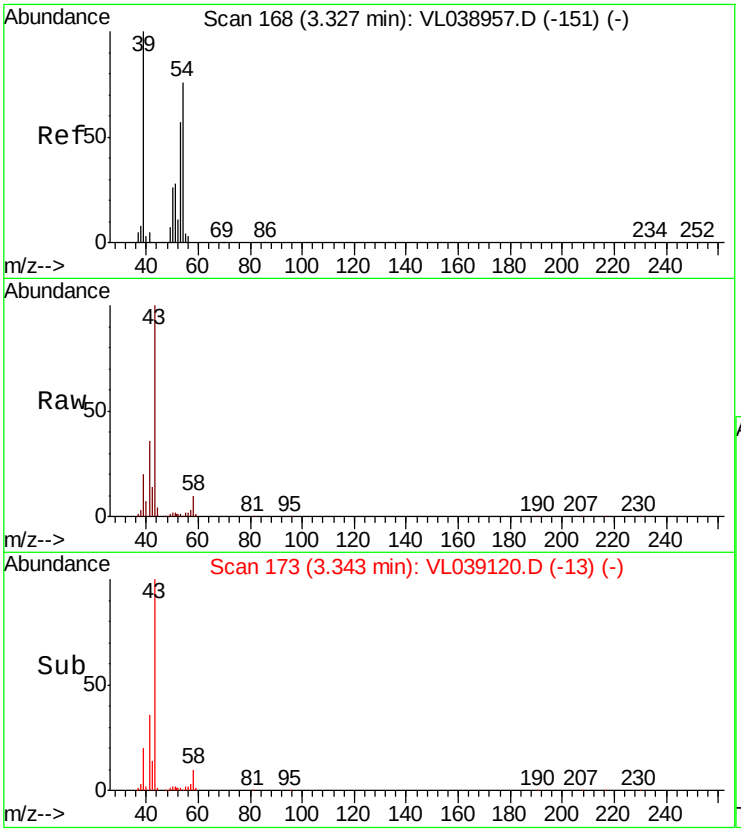


#15
Acetone
Concen: 0.769 ppbv
RT: 3.84 min Scan# 328
Delta R.T. -0.01 min
Lab File: VL039120.D
Acq: 25 May 2022 16:44

Tgt Ion: 43 Resp: 70900

Ion	Ratio	Lower	Upper
43	100		
58	32.7	21.3	31.9#



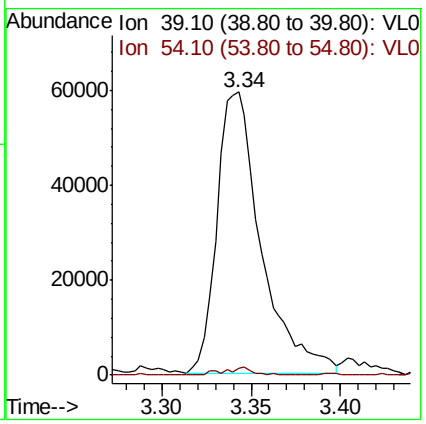


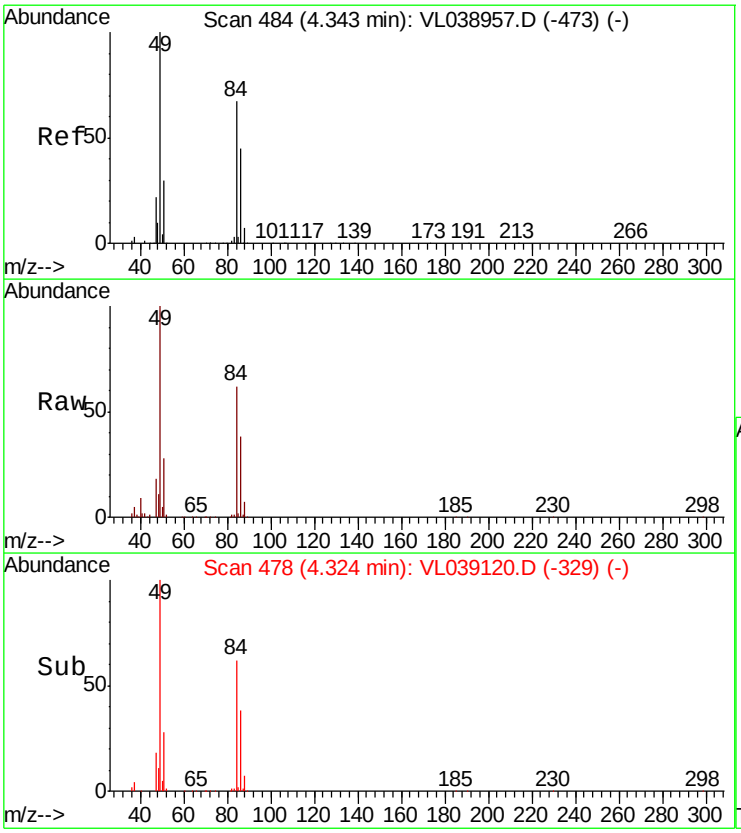
#16
1,3-Butadiene
Concen: 1.923 ppbv
RT: 3.34
Delta R.T
Lab File:
Acq: 25 May 2022 16:44

Instrument :
MSVOA_L
ClientSampleId :
AP-1DL

Tgt Ion: 39 Resp: 101944

Ion	Ratio	Lower	Upper
39	100		
54	1.9	65.2	97.8#

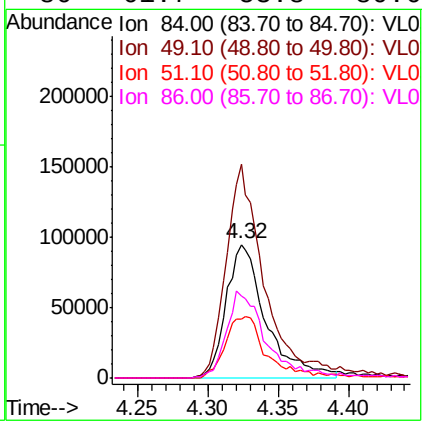


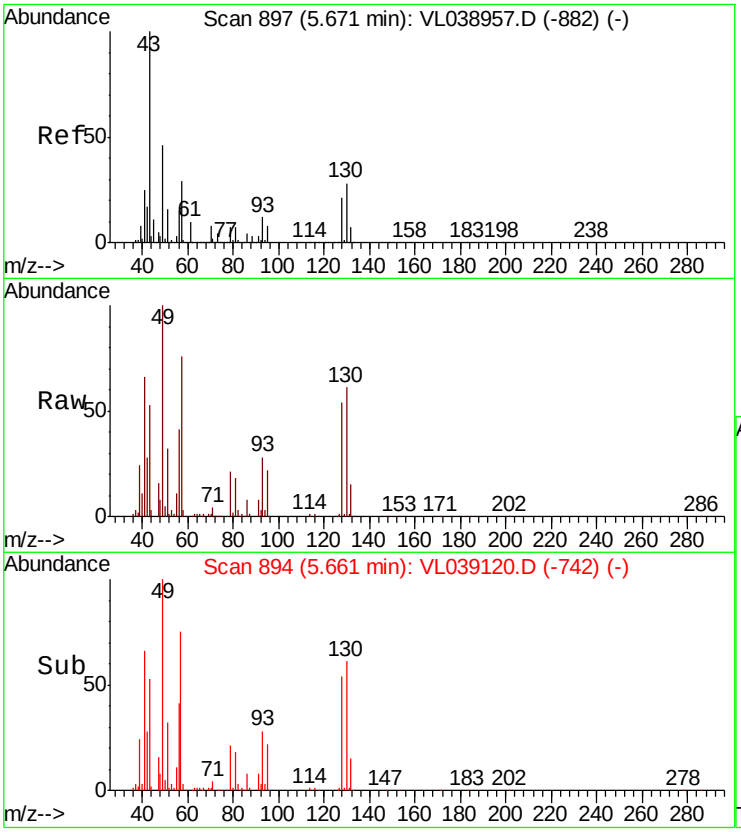


#20
Methylene Chloride
Concen: 5.391 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.02 min
Lab File: VL039120.D
Acq: 25 May 2022 16:44

Tgt Ion: 84 Resp: 187438

Ion	Ratio	Lower	Upper
84	100		
49	160.4	119.9	179.9
51	44.5	35.7	53.5
86	61.7	53.8	80.6



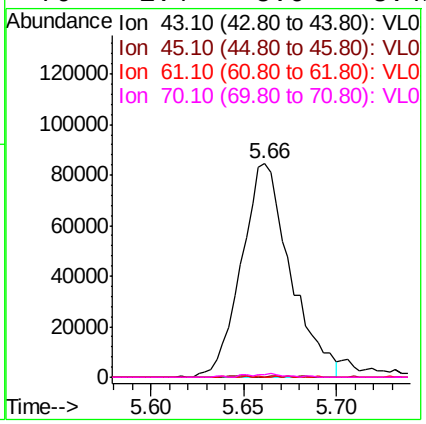


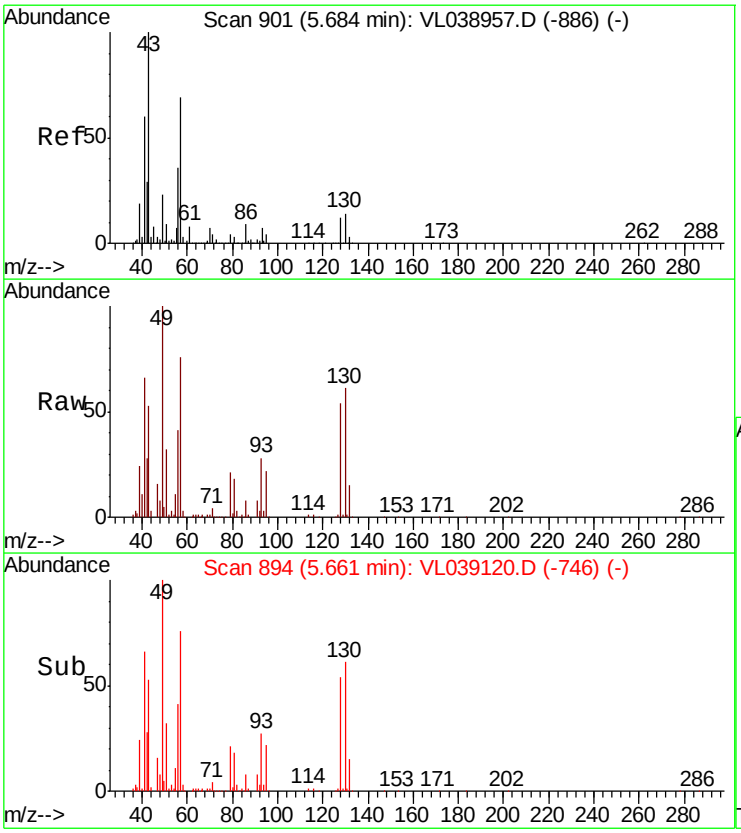
#25
Ethyl Acetate
Concen: 0.701 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 25 May 2022 16:44

Instrument :
MSVOA_L
ClientSampleId :
AP-1DL

Tgt Ion: 43 Resp: 154813

Ion	Ratio	Lower	Upper
43	100		
45	0.3	8.1	12.1#
61	0.3	7.8	11.6#
70	1.4	5.6	8.4#

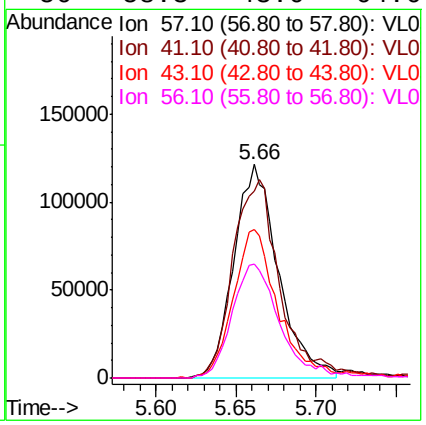


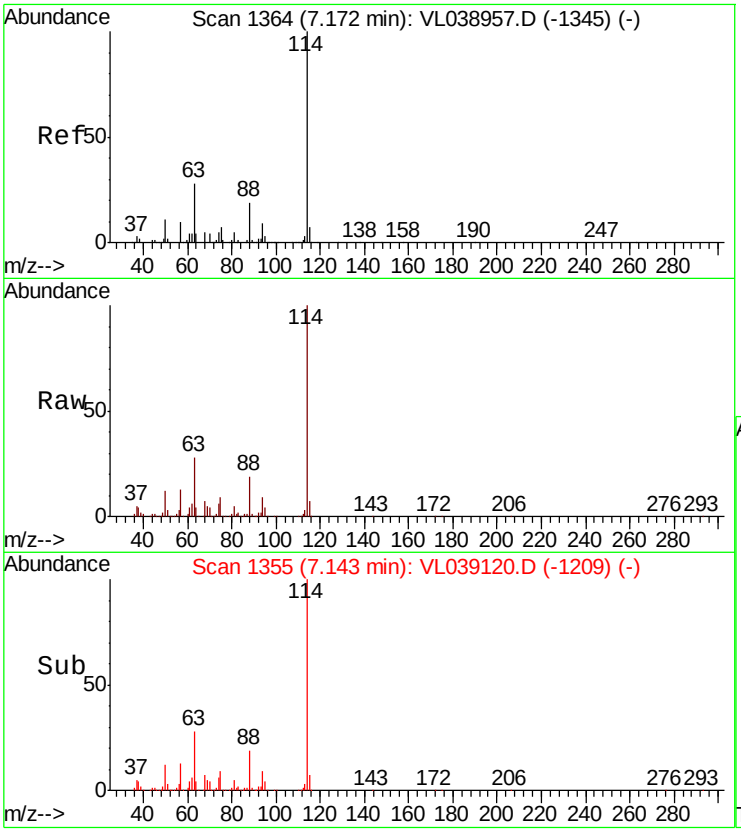


#26
Hexane
Concen: 2.349 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.02 min
Lab File: VL039120.D
Acq: 25 May 2022 16:44

Tgt Ion: 57 Resp: 230454

Ion	Ratio	Lower	Upper
57	100		
41	99.2	75.2	112.8
43	72.0	190.8	286.2#
56	58.3	43.0	64.6



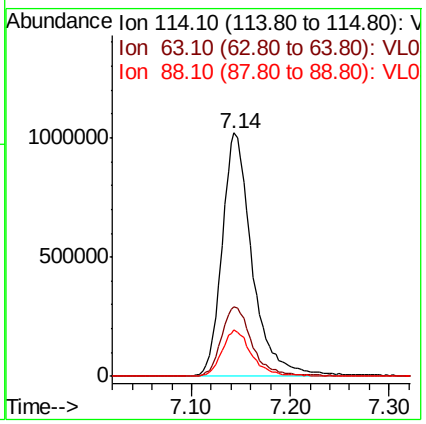


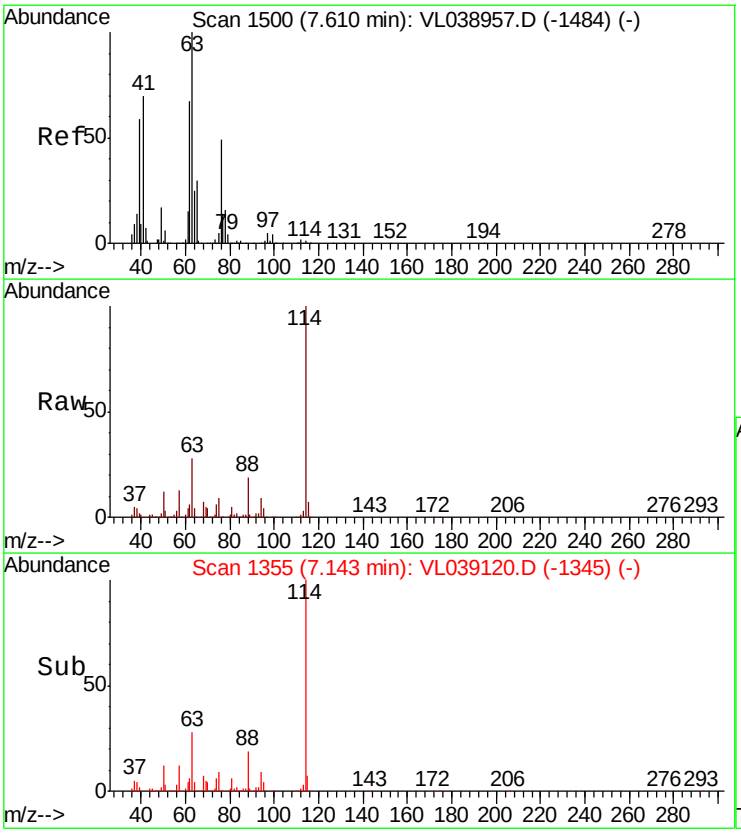
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14
Delta R.T
Lab File:
Acq: 25 May 2022 16:44

Instrument :
MSVOA_L
ClientSampleId :
AP-1DL

Tgt Ion:114 Resp: 2179666

Ion	Ratio	Lower	Upper
114	100		
63	29.7	22.6	33.8
88	19.1	15.4	23.0

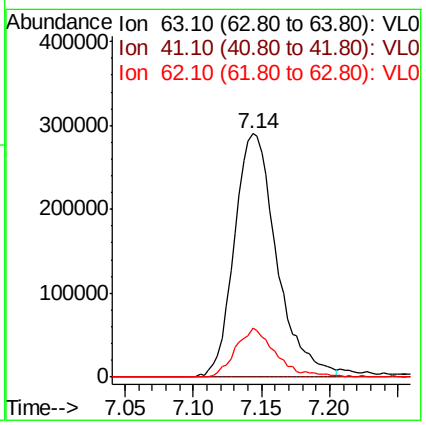


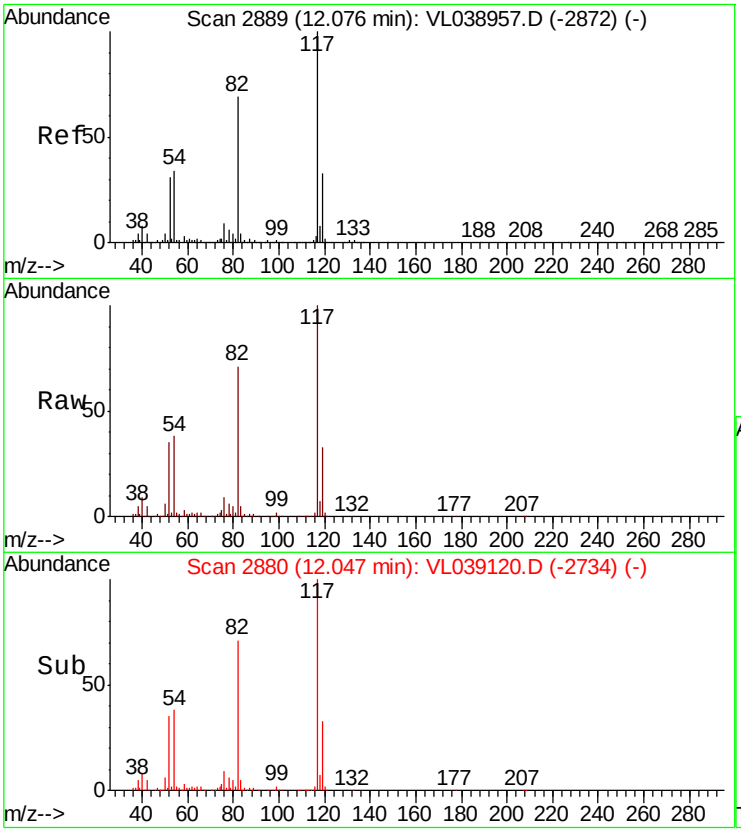


#39
1,2-Dichloropropane
Concen: 8.625 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. -0.47 min
Lab File: VL039120.D
Acq: 25 May 2022 16:44

Tgt Ion: 63 Resp: 625978

Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.9	83.9#
62	20.1	53.8	80.6#



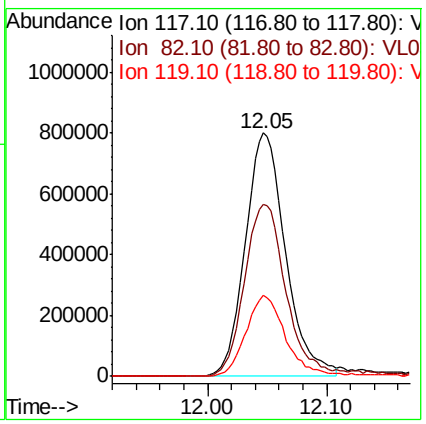


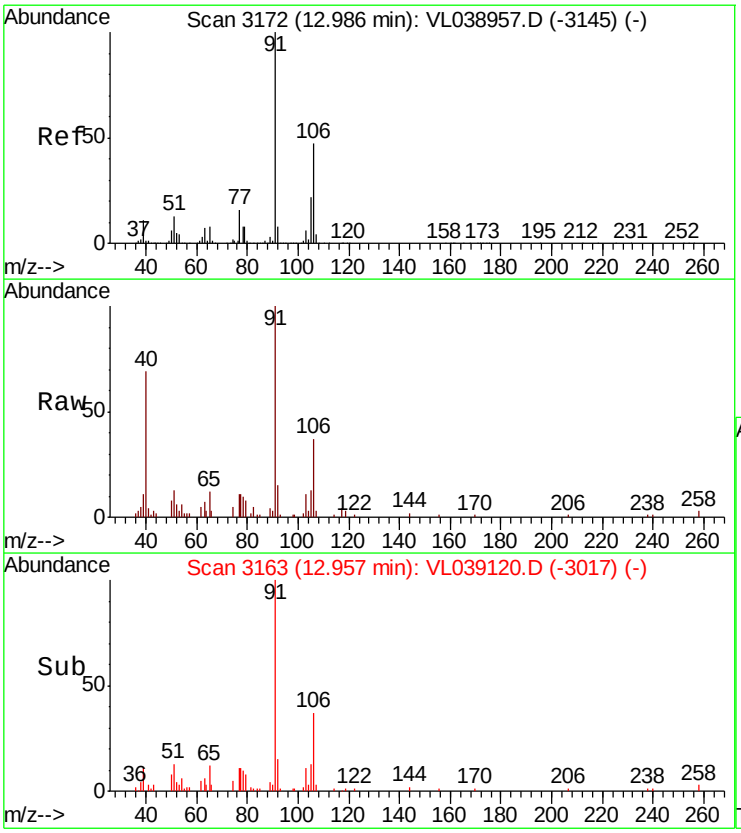
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05
Delta R.T
Lab File:
Acq: 25 May 2022 16:44

Instrument :
MSVOA_L
ClientSampleId :
AP-1DL

Tgt Ion:117 Resp: 1872763

Ion	Ratio	Lower	Upper
117	100		
82	75.2	57.0	85.6
119	34.1	27.2	40.8

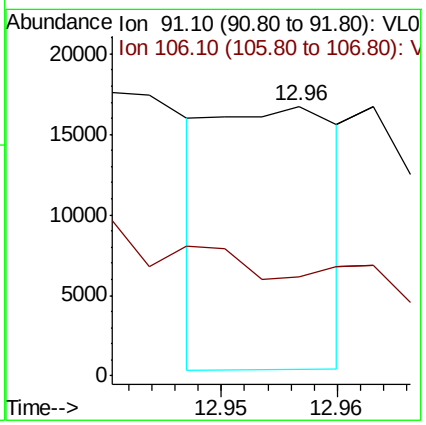


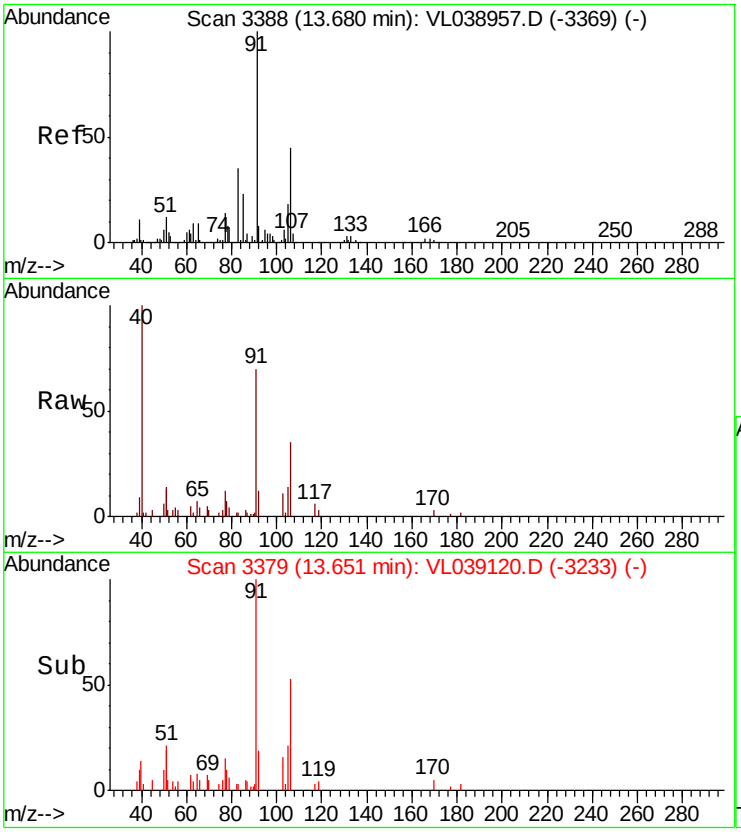


#59
m/p-Xylene
Concen: 0.053 ppbv
RT: 12.96 min Scan# 3163
Delta R.T. -0.03 min
Lab File: VL039120.D
Acq: 25 May 2022 16:44

Tgt Ion: 91 Resp: 12157

Ion	Ratio	Lower	Upper
91	100		
106	0.0	34.6	52.0#



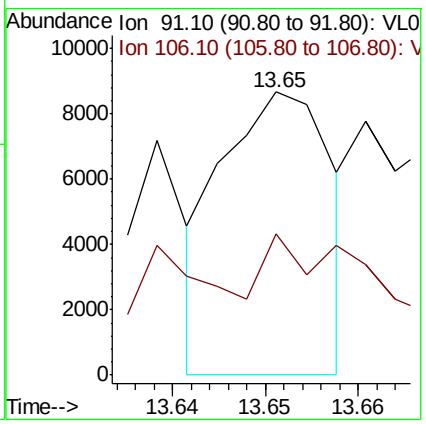


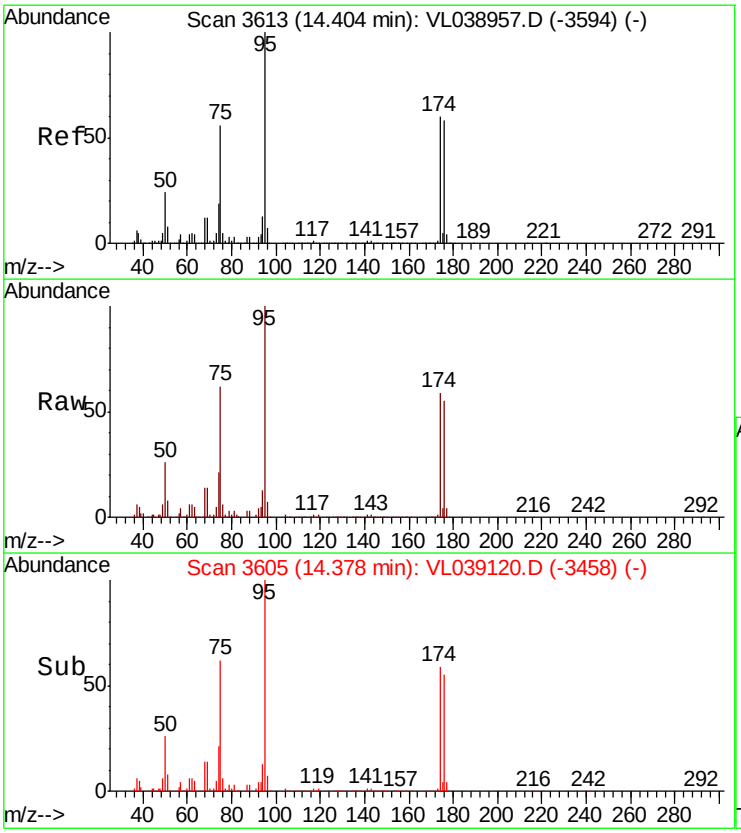
#60
o-Xylene
Concen: 0.033 ppbv
RT: 13.65
Delta R.T
Lab File:
Acq: 25 May 2022 16:44

Instrument :
MSVOA_L
ClientSampleId :
AP-1DL

Tgt Ion: 91 Resp: 7134

Ion	Ratio	Lower	Upper
91	100		
106	124.4	22.2	66.6#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.518 ppbv
RT: 14.38 min Scan# 3605
Delta R.T. -0.03 min
Lab File: VL039120.D
Acq: 25 May 2022 16:44

Tgt Ion: 95 Resp: 1559988

Ion	Ratio	Lower	Upper
95	100		
174	62.1	50.8	76.2
175	4.5	3.8	5.6