Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022322\
Data File : VL038421.D
Acq On : 23 Feb 2022 23:52
Operator : SY/AP
Sample : N1605-02DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-3DL

Quant Time: Feb 24 07:31:59 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb 22 19:45:51 2022
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.65	49	842557	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.15	114	2047840	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.06	117	1785770	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.38	95	1374020	9.30	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 93.00%				
Target Compounds							Qvalue
4) Chloromethane	3.13	50	1781	0.03	ppbv	#	53
9) Propene	3.01	41	14366	0.29	ppbv	#	79
10) Heptane	8.10	43	3712	0.03	ppbv	#	28
13) Ethanol	3.59	45	279994	57.11	ppbv		99
15) Acetone	3.86	43	72108	1.01	ppbv	#	87
19) Isopropyl Alcohol	3.95	45	694767	16.74	ppbv	#	98
20) Methylene Chloride	4.33	84	3079	0.09	ppbv	#	83
25) Ethyl Acetate	5.67	43	37166	0.19	ppbv	#	77
26) Hexane	5.67	57	49164	0.56	ppbv	#	42
34) 2-Butanone	5.24	43	6746	0.10	ppbv	#	77
36) Benzene	6.87	78	5534	0.03	ppbv	#	89
39) 1,2-Dichloropropane	7.22	63	6467	0.09	ppbv	#	30
53) Toluene	9.78	91	73066	0.37	ppbv		98

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

Quantitation Report (Not Reviewed)

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Acq On : 23 Feb 2022 23:52
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Sample : N1605-02DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-3DL

Quant Time: Feb 24 07:31:59 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
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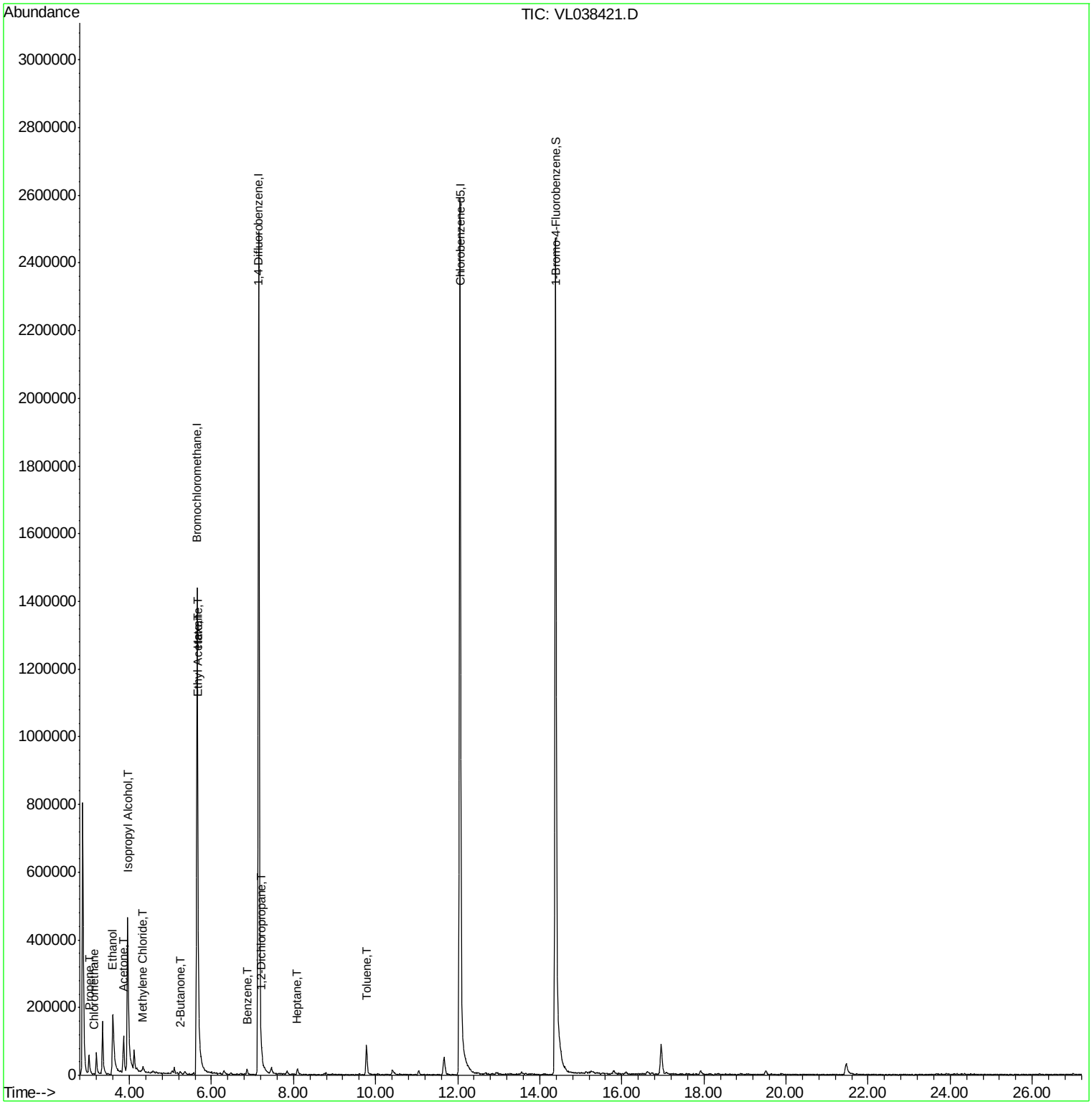
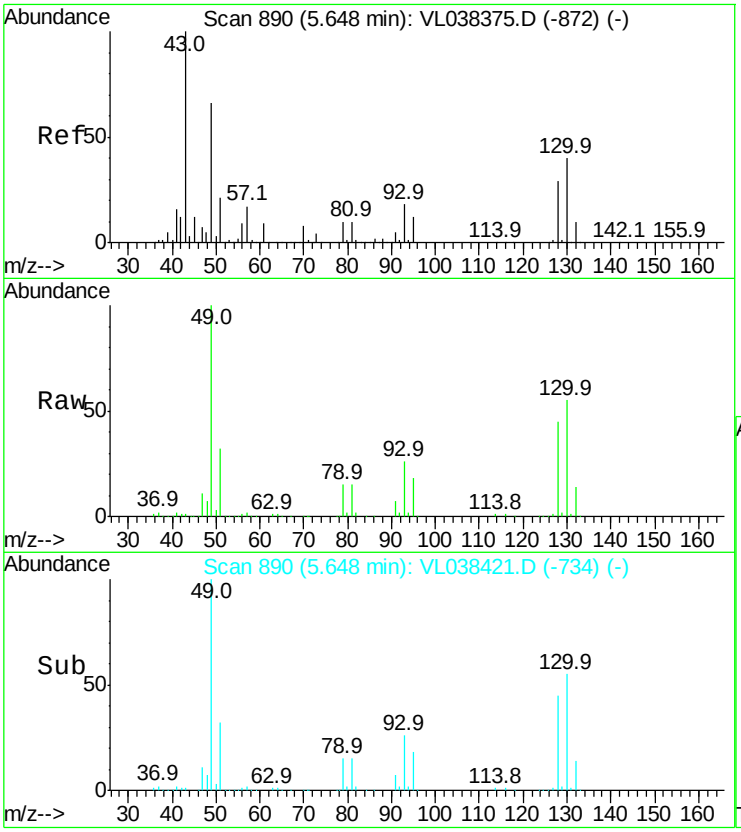
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration



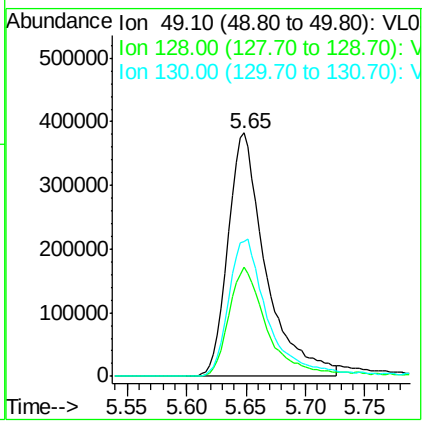


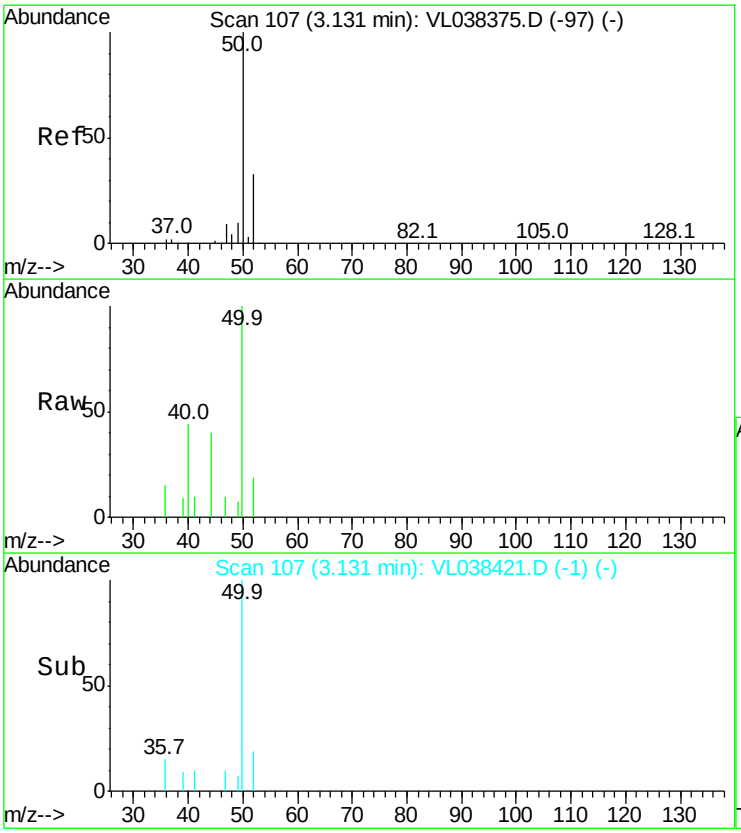
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 23 Feb 2022 23:52

Instrument :
MSVOA_L
ClientSampleId :
IA-3DL

Tgt Ion: 49 Resp: 842557

Ion	Ratio	Lower	Upper
49	100		
128	47.3	24.3	72.9
130	60.6	30.1	90.5

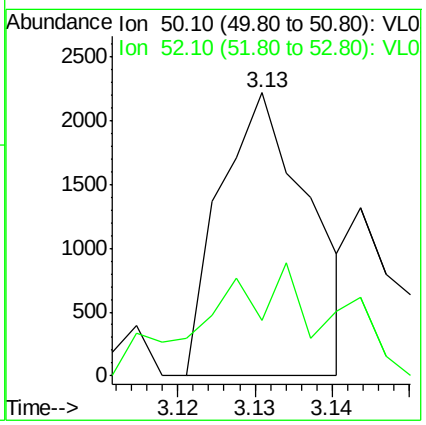


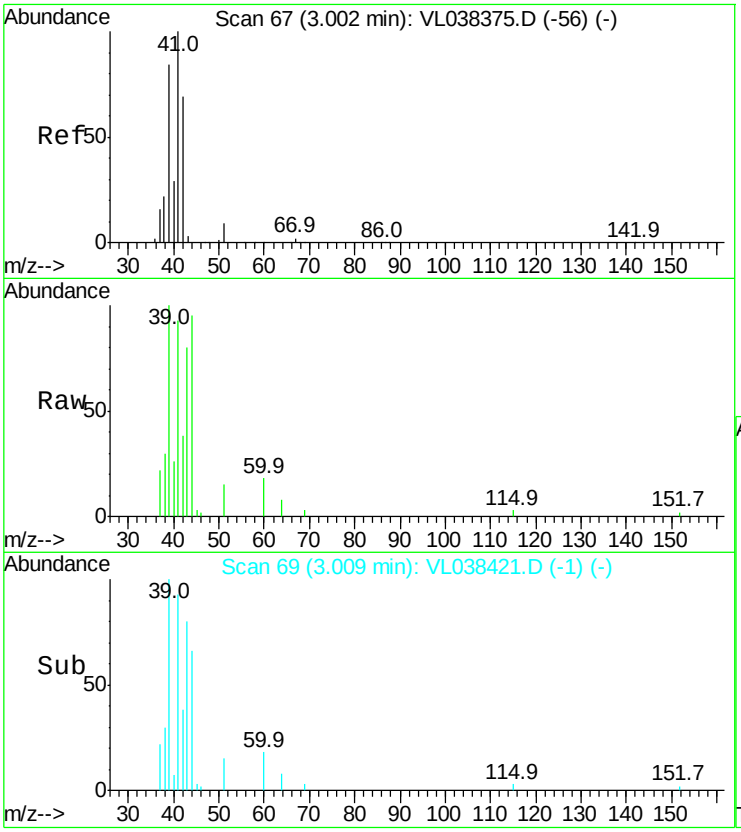


#4
Chloromethane
Concen: 0.03 ppbv
RT: 3.13 min Scan# 107
Delta R.T. 0.00 min
Lab File: VL038421.D
Acq: 23 Feb 2022 23:52

Tgt Ion: 50 Resp: 1781

Ion	Ratio	Lower	Upper
50	100		
52	6.8	26.5	39.7#



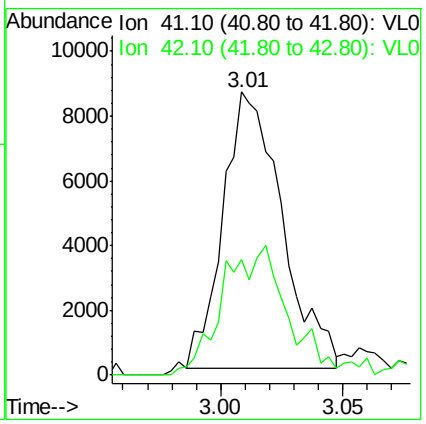


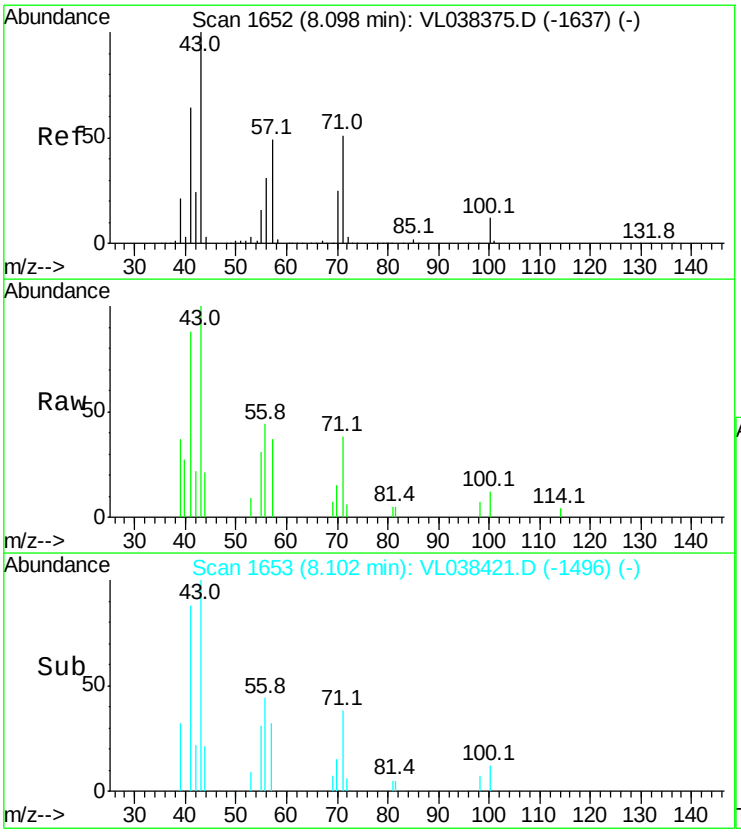
#9
Propene
Concen: 0.29 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 23 Feb 2022 23:52

Instrument :
MSVOA_L
ClientSampleId :
IA-3DL

Tgt Ion: 41 Resp: 14366

Ion	Ratio	Lower	Upper
41	100		
42	51.3	54.6	82.0#

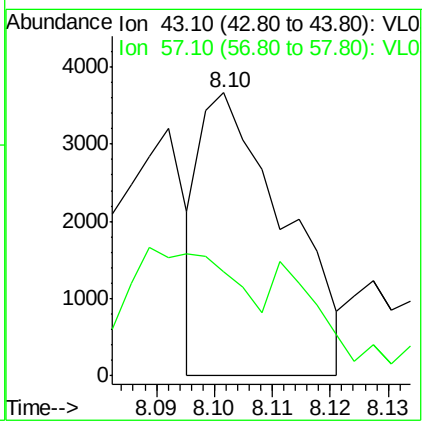


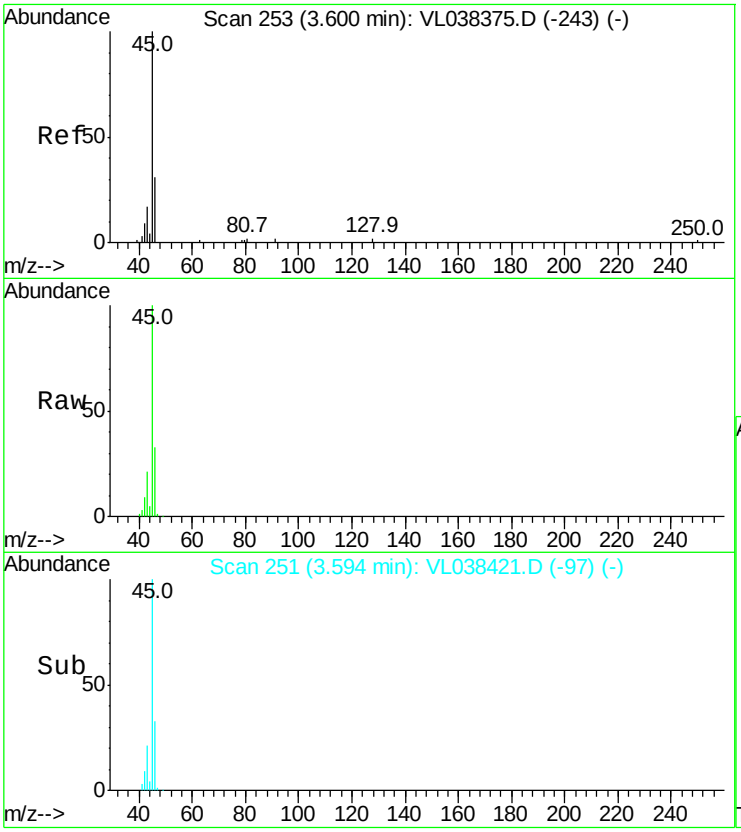


#10
Heptane
Concen: 0.03 ppbv
RT: 8.10 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VL038421.D
Acq: 23 Feb 2022 23:52

Tgt Ion: 43 Resp: 3712

Ion	Ratio	Lower	Upper
43	100		
57	0.0	39.8	59.8#



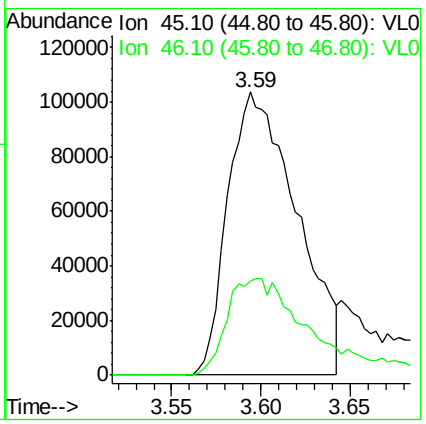


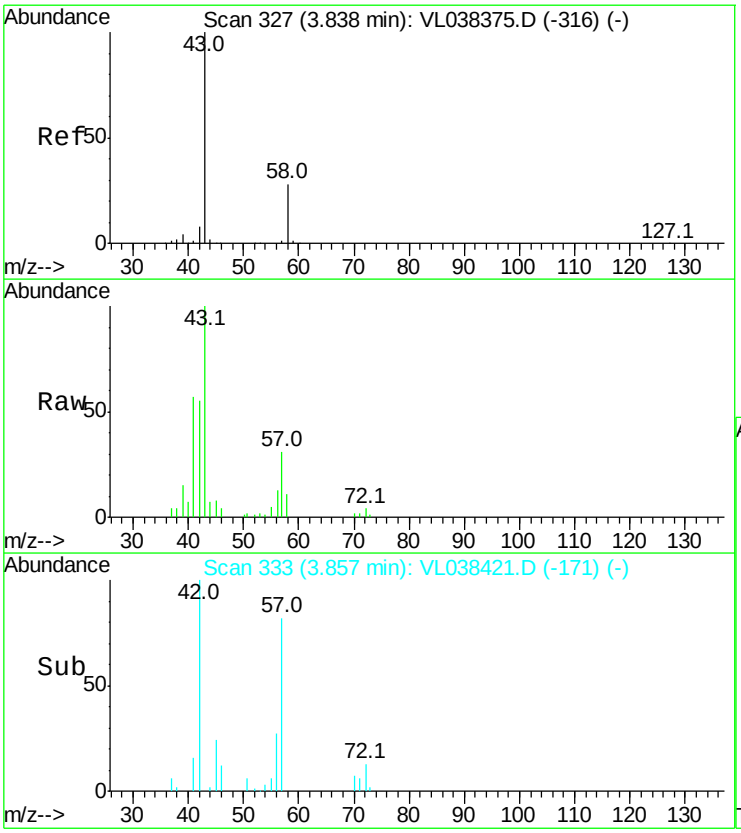
#13
Ethanol
Concen: 57.11 ppbv
RT: 3.59
Delta R.T
Lab File:
Acq: 23 Feb 2022 23:52

Instrument :
MSVOA_L
ClientSampleId :
IA-3DL

Tgt Ion: 45 Resp: 279994

Ion	Ratio	Lower	Upper
45	100		
46	44.6	18.2	72.8

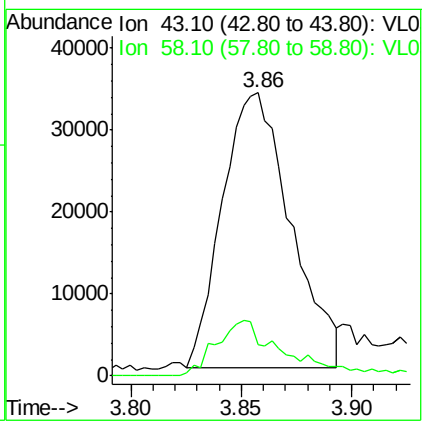


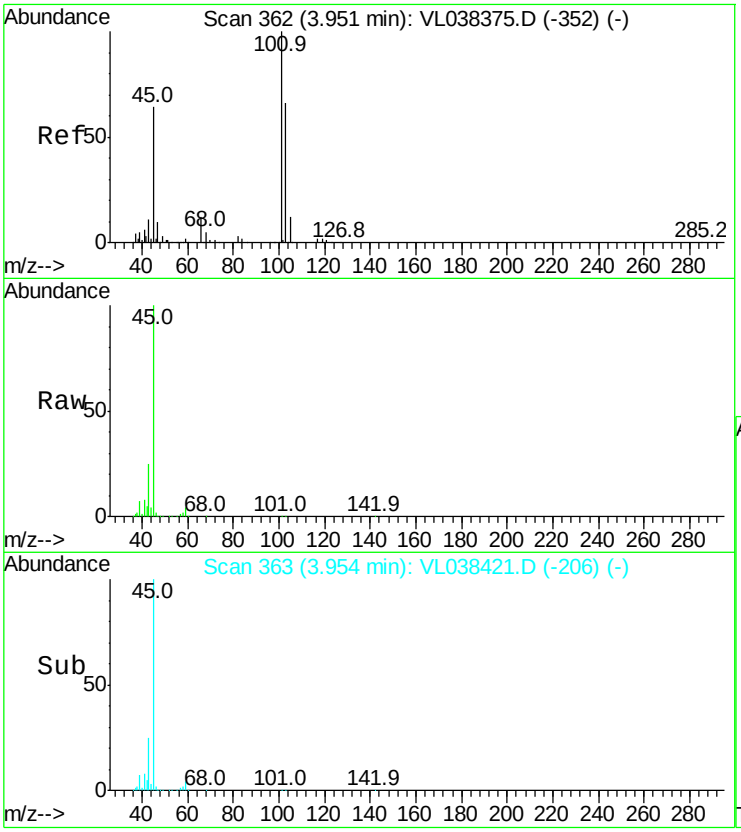


#15
Acetone
Concen: 1.01 ppbv
RT: 3.86 min Scan# 333
Delta R.T. 0.02 min
Lab File: VL038421.D
Acq: 23 Feb 2022 23:52

Tgt Ion: 43 Resp: 72108

Ion	Ratio	Lower	Upper
43	100		
58	20.5	21.7	32.5#



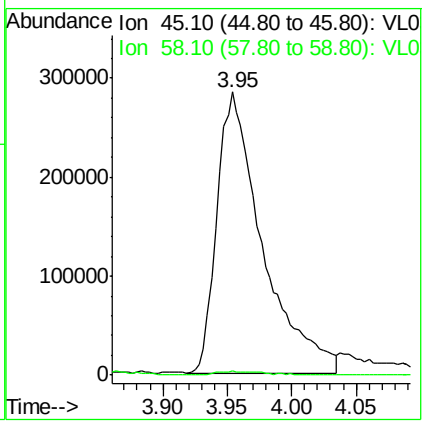


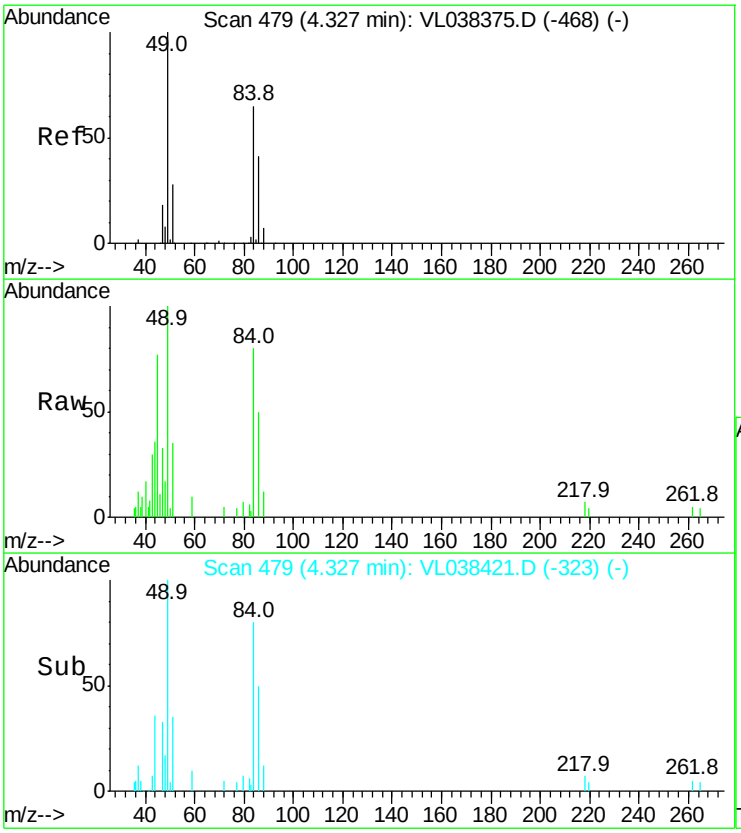
#19
Isopropyl Alcohol
Concen: 16.74 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 23 Feb 2022 23:52

Instrument :
MSVOA_L
ClientSampleId :
IA-3DL

Tgt Ion: 45 Resp: 694767

Ion	Ratio	Lower	Upper
45	100		
58	1.7	1.8	2.8#

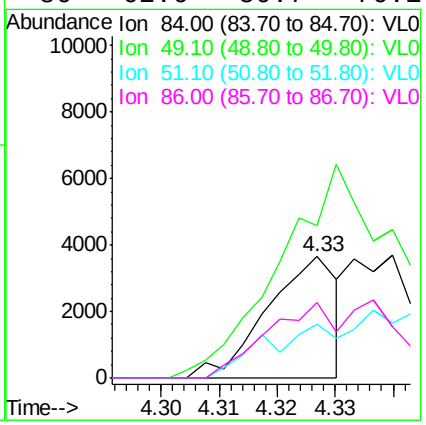


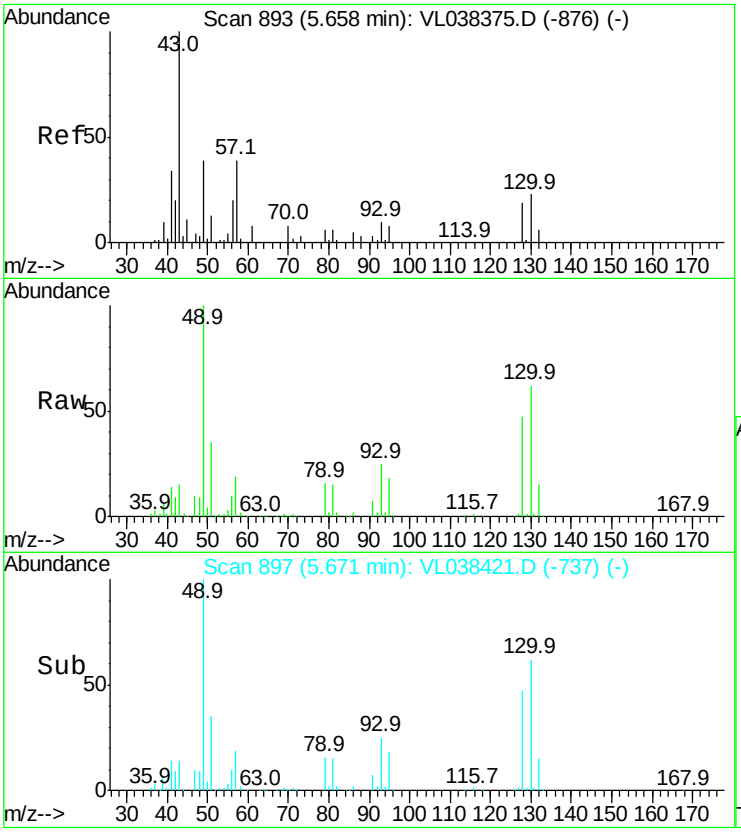


#20
Methylene Chloride
Concen: 0.09 ppbv
RT: 4.33 min Scan# 479
Delta R.T. 0.00 min
Lab File: VL038421.D
Acq: 23 Feb 2022 23:52

Tgt Ion: 84 Resp: 3079

Ion	Ratio	Lower	Upper
84	100		
49	119.1	122.4	183.6#
51	44.3	33.3	49.9
86	62.6	50.7	76.1



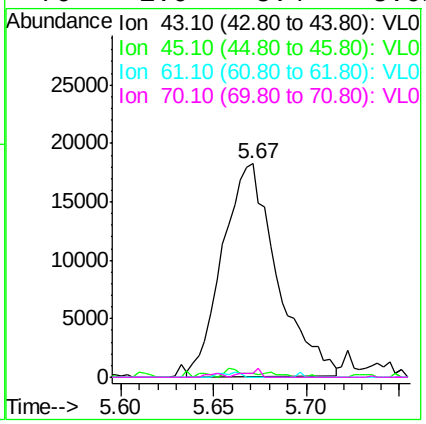


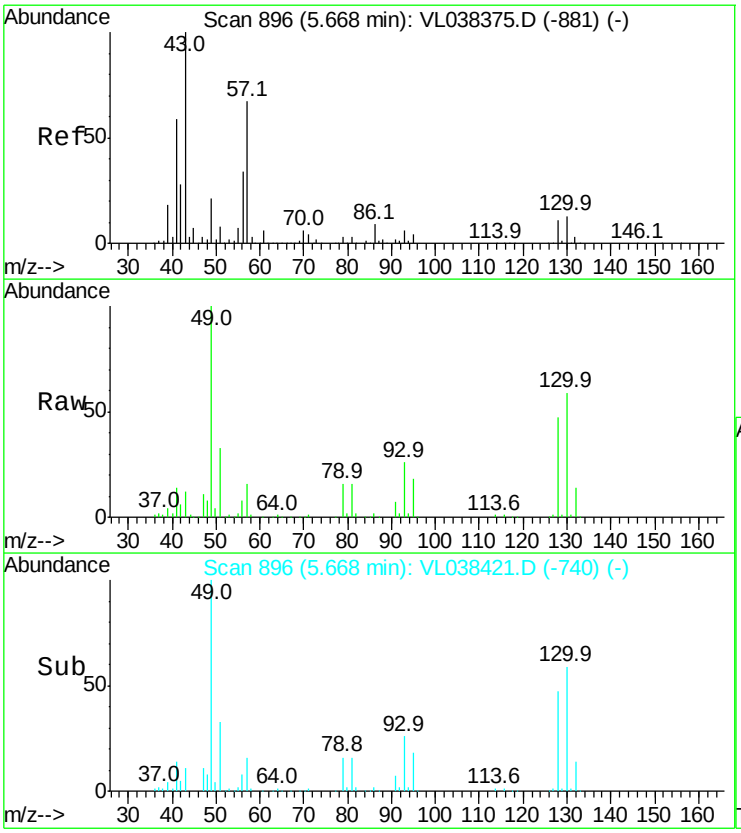
#25
Ethyl Acetate
Concen: 0.19 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 23 Feb 2022 23:52

Instrument :
MSVOA_L
ClientSampleId :
IA-3DL

Tgt Ion: 43 Resp: 37166

Ion	Ratio	Lower	Upper
43	100		
45	0.0	7.8	11.6#
61	0.2	7.5	11.3#
70	1.0	5.4	8.0#

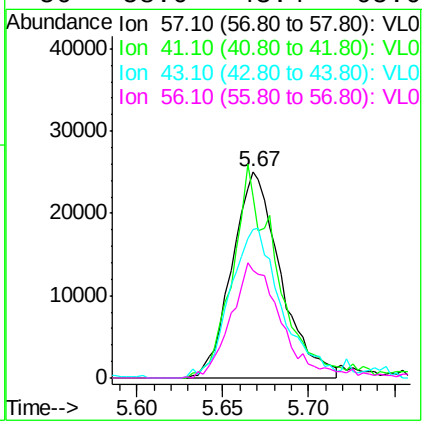


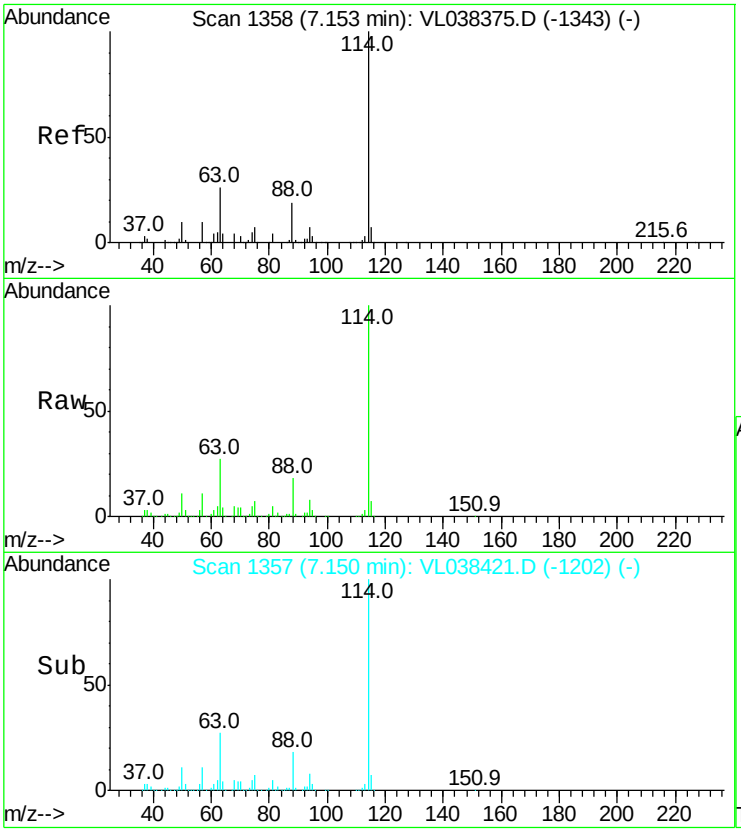


#26
Hexane
Concen: 0.56 ppbv
RT: 5.67 min Scan# 896
Delta R.T. 0.00 min
Lab File: VL038421.D
Acq: 23 Feb 2022 23:52

Tgt Ion: 57 Resp: 49164

Ion	Ratio	Lower	Upper
57	100		
41	98.5	73.1	109.7
43	78.5	181.0	271.4#
56	58.0	43.4	65.0



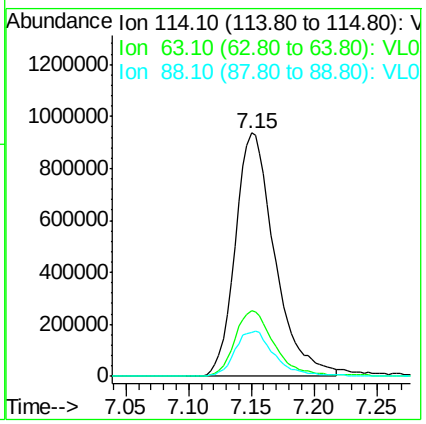


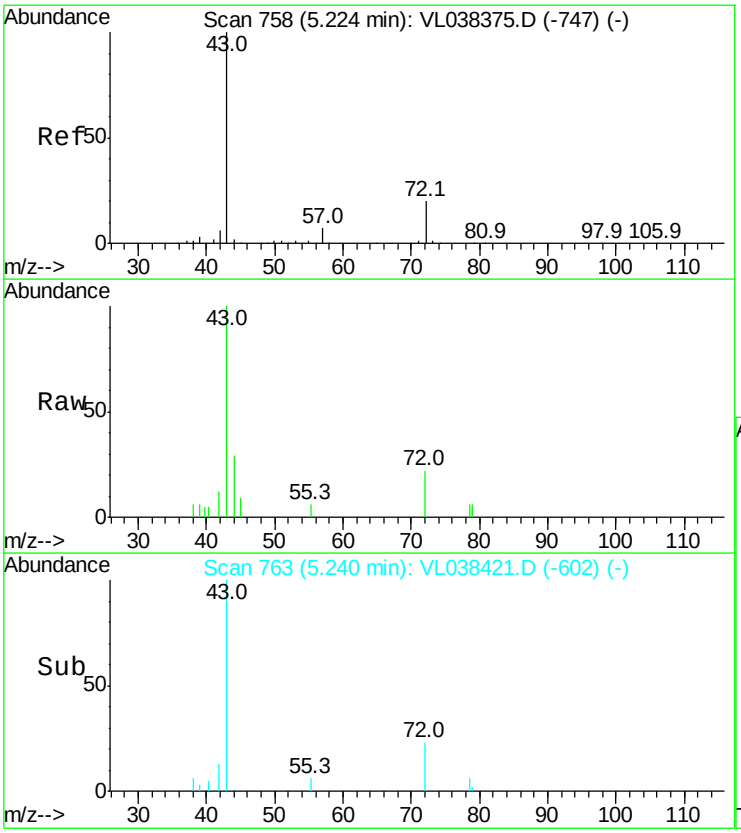
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.15
Delta R.T
Lab File:
Acq: 23 Feb 2022 23:52

Instrument :
MSVOA_L
ClientSampleId :
IA-3DL

Tgt Ion:114 Resp: 2047840

Ion	Ratio	Lower	Upper
114	100		
63	27.8	22.2	33.2
88	19.0	15.2	22.8

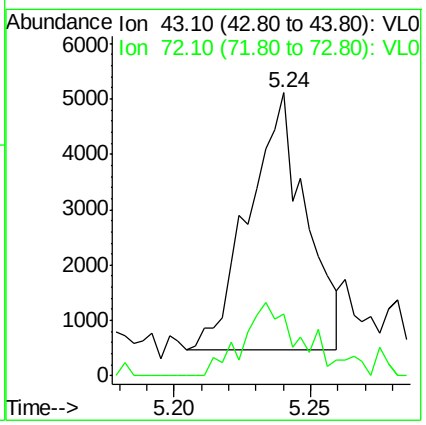


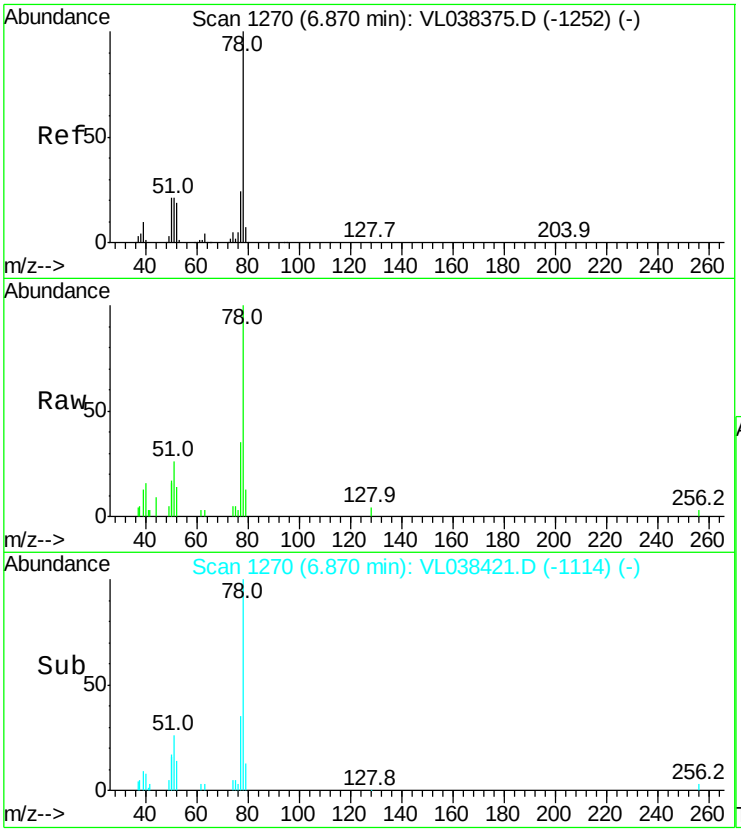


#34
2-Butanone
Concen: 0.10 ppbv
RT: 5.24 min Scan# 763
Delta R.T. 0.02 min
Lab File: VL038421.D
Acq: 23 Feb 2022 23:52

Tgt Ion: 43 Resp: 6746

Ion	Ratio	Lower	Upper
43	100		
72	32.7	17.4	26.2#



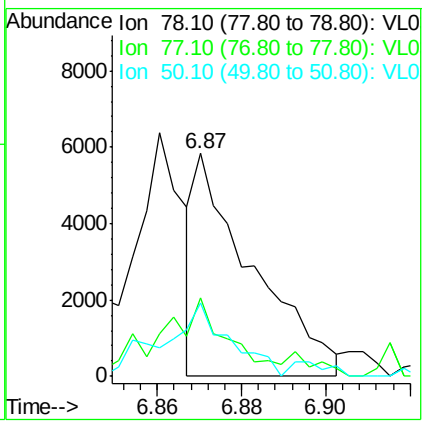


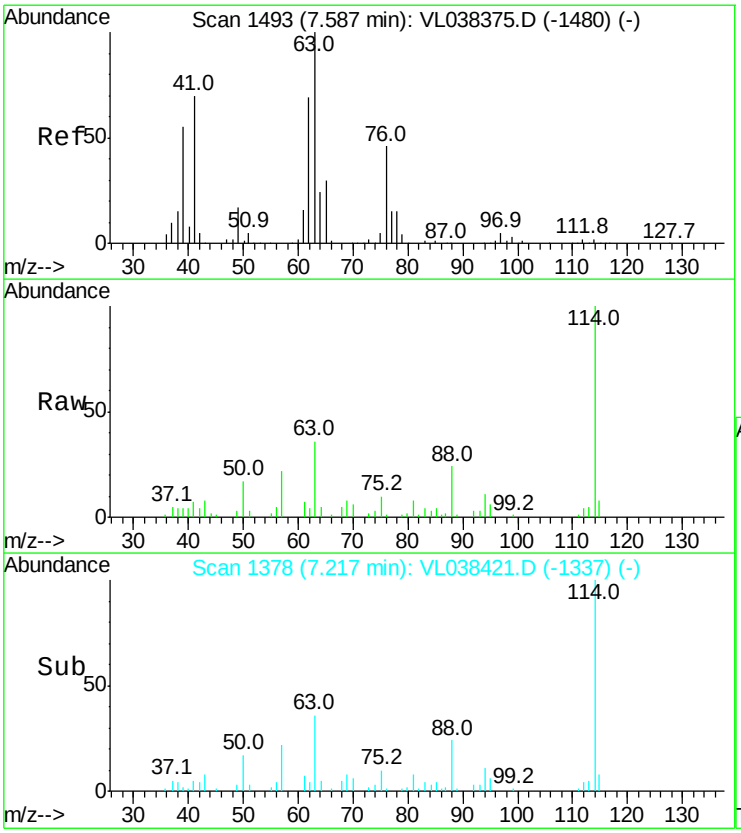
#36
Benzene
Concen: 0.03 ppbv
RT: 6.87
Delta R.T
Lab File:
Acq: 23 Feb 2022 23:52

Instrument :
MSVOA_L
ClientSampleId :
IA-3DL

Tgt Ion: 78 Resp: 5534

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.6
50	31.1	16.6	24.8#

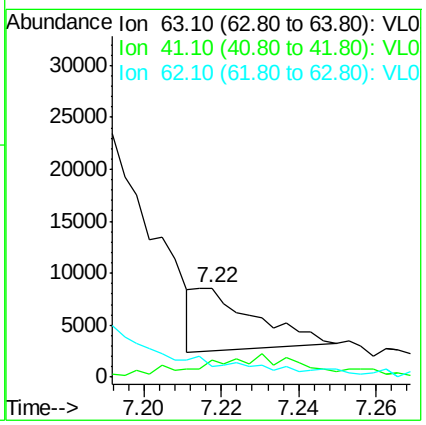


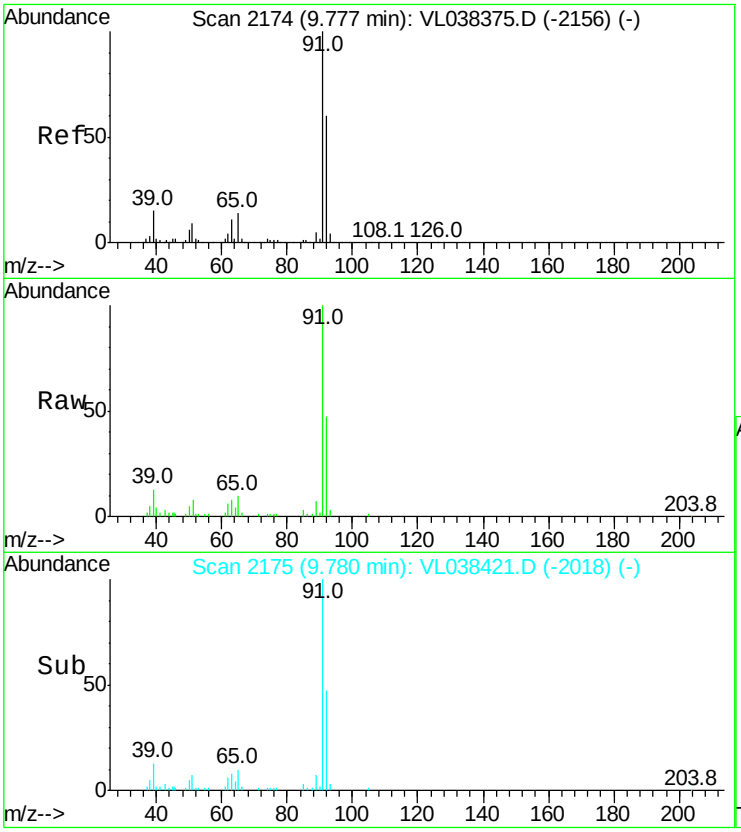


#39
1,2-Dichloropropane
Concen: 0.09 ppbv
RT: 7.22 min Scan# 1378
Delta R.T. -0.37 min
Lab File: VL038421.D
Acq: 23 Feb 2022 23:52

Tgt Ion: 63 Resp: 6467

Ion	Ratio	Lower	Upper
63	100		
41	20.8	56.1	84.1#
62	4.0	55.5	83.3#



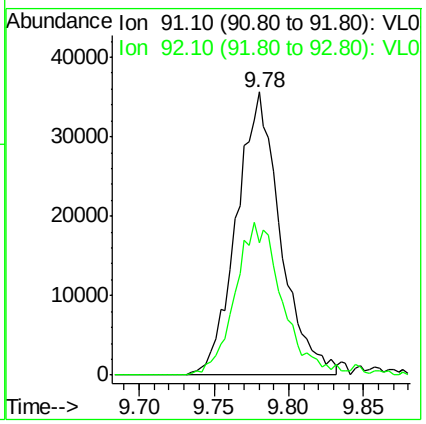


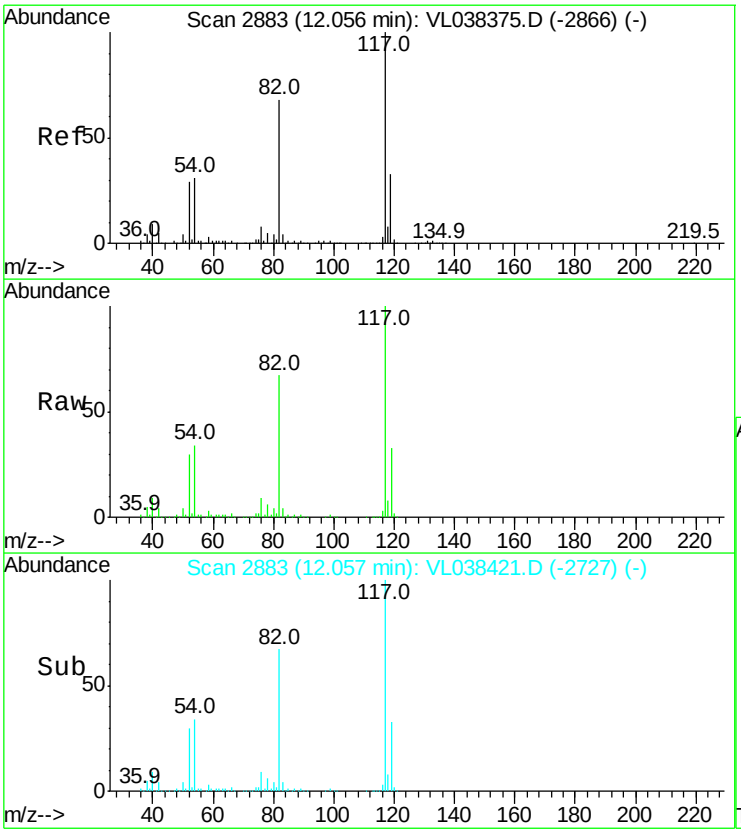
#53
Toluene
Concen: 0.37 ppbv
RT: 9.78
Delta R.T
Lab File:
Acq: 23 Feb 2022 23:52

Instrument :
MSVOA_L
ClientSampleId :
IA-3DL

Tgt Ion: 91 Resp: 73066

Ion	Ratio	Lower	Upper
91	100		
92	58.8	48.2	72.4

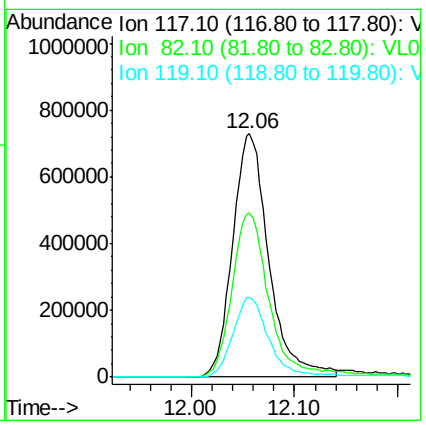


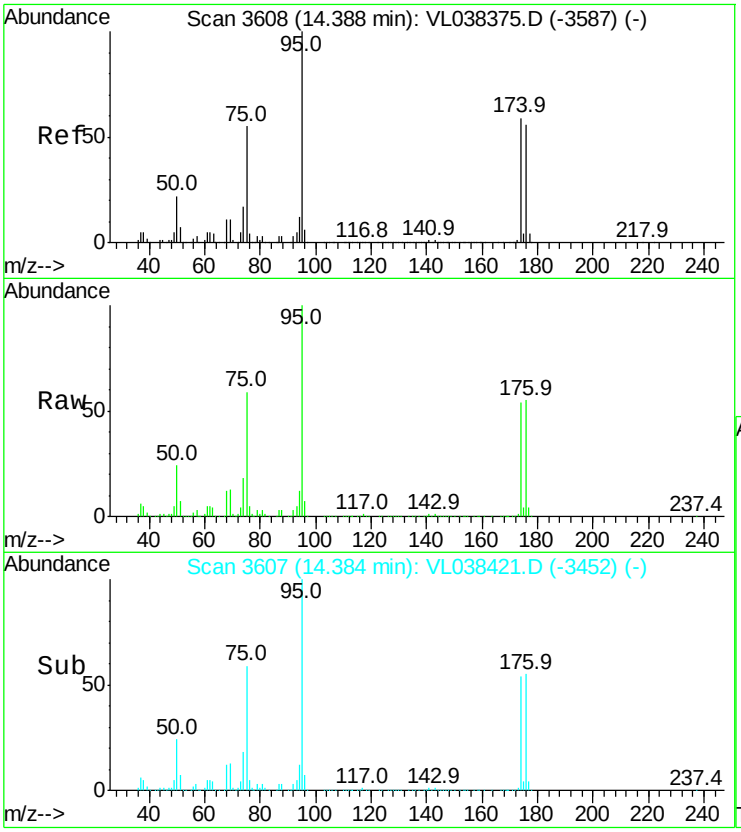


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.06 min Scan# 2883
Delta R.T. 0.00 min
Lab File: VL038421.D
Acq: 23 Feb 2022 23:52

Tgt Ion:117 Resp: 1785770

Ion	Ratio	Lower	Upper
117	100		
82	72.0	54.9	82.3
119	33.9	46.1	69.1#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.30 ppbv
RT: 14.38
Delta R.T
Lab File:
Acq: 23 Feb 2022 23:52

Instrument :
MSVOA_L
ClientSampleId :
IA-3DL

Tgt Ion: 95 Resp: 1374020

Ion	Ratio	Lower	Upper
95	100		
174	62.0	49.0	73.4
175	4.4	3.6	5.4