Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110121\
Data File : VL037955.D
Acq On : 2 Nov 2021 2:10
Operator : SY/AP
Sample : M4425-02DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA1DL

Quant Time: Nov 02 06:08:40 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 02 05:54:07 2021
QLast Update : Tue Nov 02 05:54:07 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.65	49	1480634	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.16	114	4259394	10.00	ppbv		-0.01
55) Chlorobenzene-d5	12.07	117	3573085	10.00	ppbv		-0.01
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.39	95	2650202	10.20	ppbv		-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	11135	0.053	ppbv		93
9) Propene	3.02	41	16971	0.172	ppbv		93
13) Ethanol	3.61	45	21481	2.155	ppbv	#	24
15) Acetone	3.85	43	41121	0.336	ppbv	#	15
19) Isopropyl Alcohol	3.99	45	56999	0.729	ppbv	#	97
20) Methylene Chloride	4.34	84	32643	0.486	ppbv		86
25) Ethyl Acetate	5.68	43	25817	0.071	ppbv	#	89
26) Hexane	5.67	57	25416	0.148	ppbv	#	53
39) 1,2-Dichloropropane	7.16	63	997920	7.646	ppbv	#	28

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

Quantitation Report (Not Reviewed)

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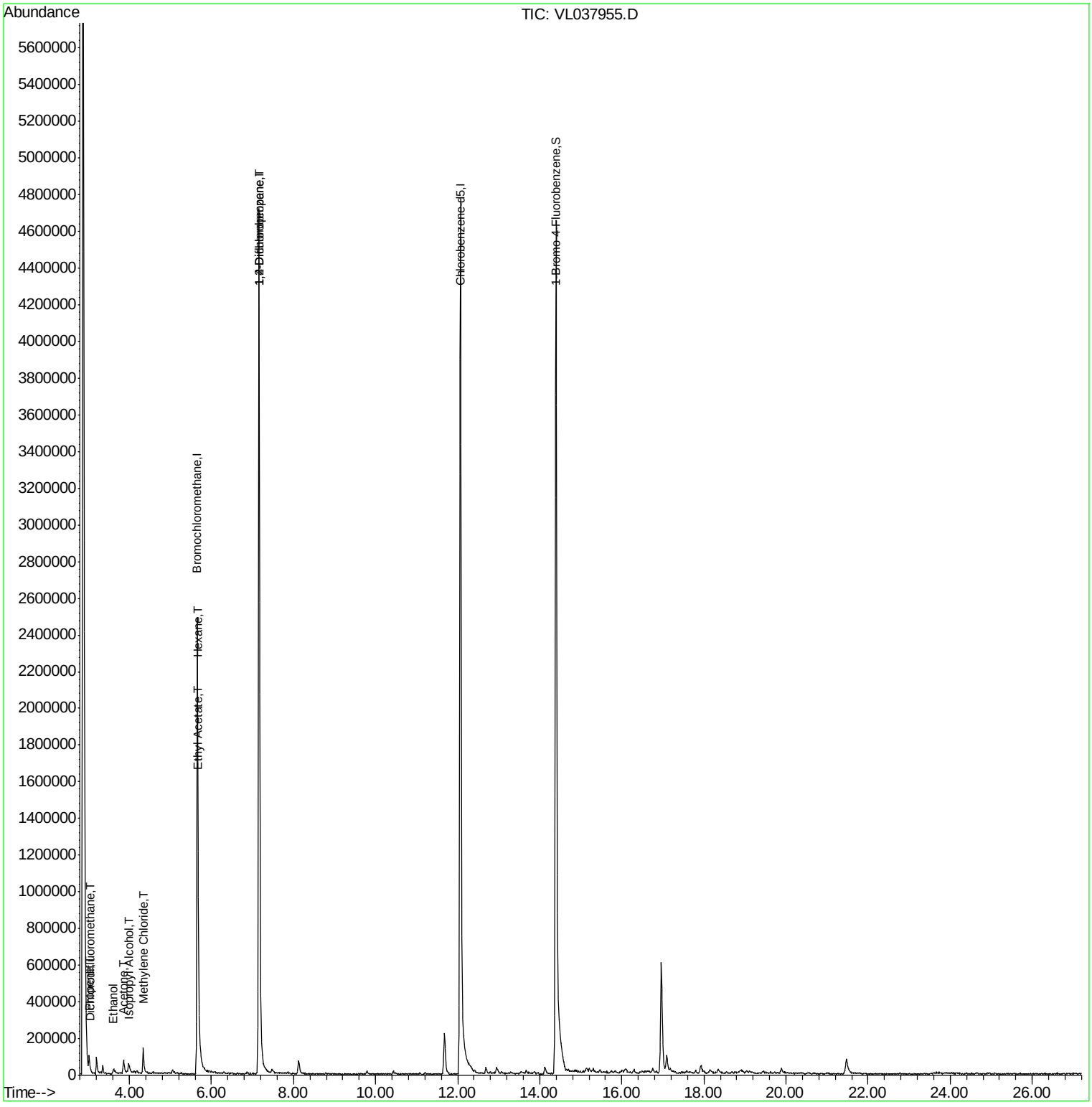
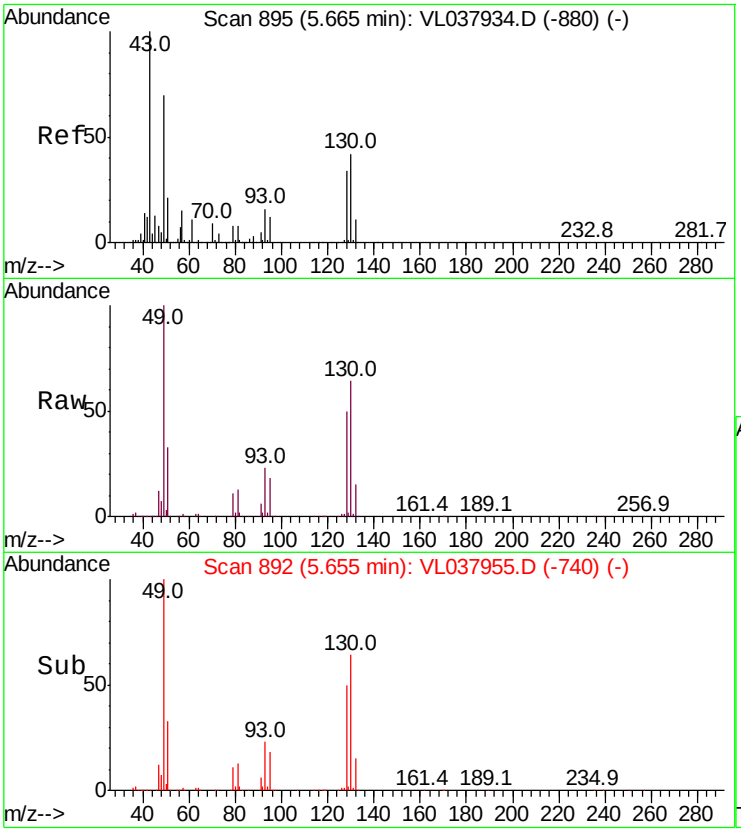


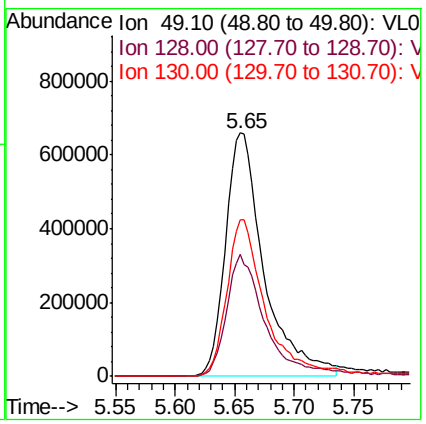


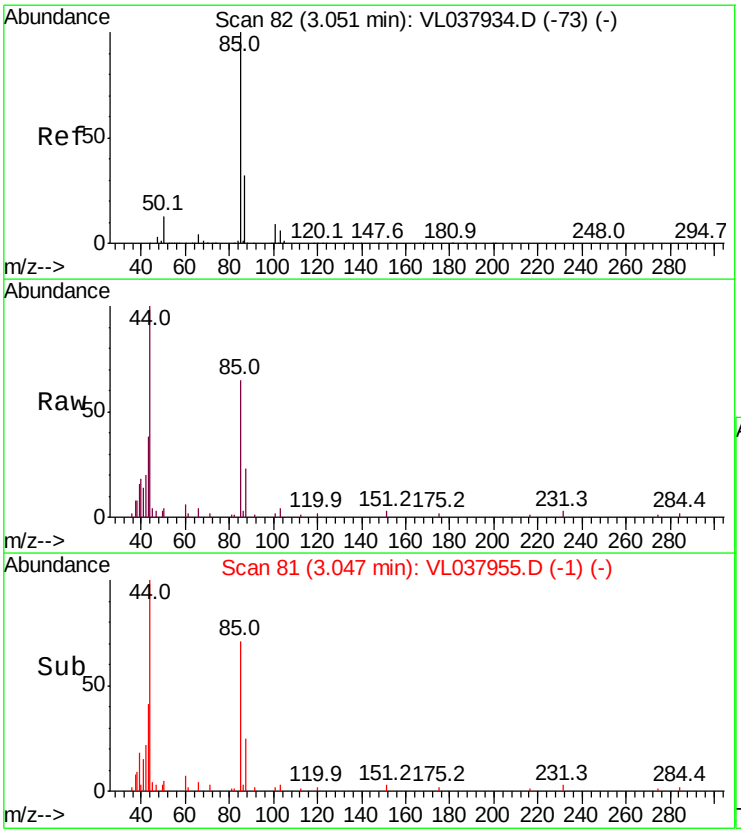
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 2 Nov 2021 2:10

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tgt Ion: 49 Resp: 1480634

Ion	Ratio	Lower	Upper
49	100		
128	51.4	27.0	81.0
130	67.1	33.4	100.2

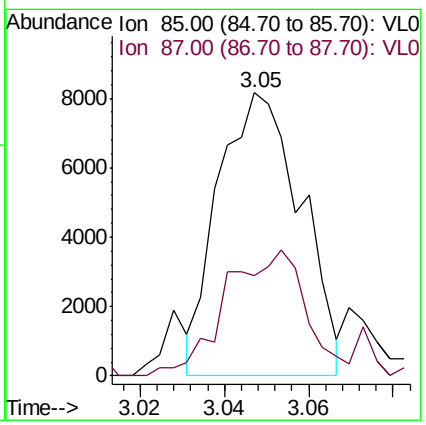


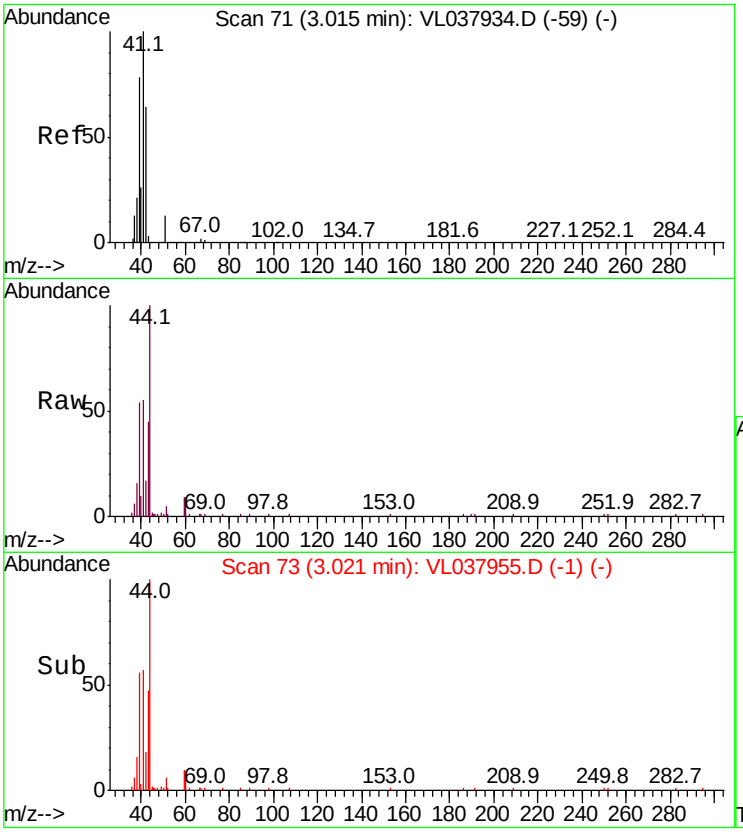


#2
Dichlorodifluoromethane
Concen: 0.053 ppbv
RT: 3.05 min Scan# 81
Delta R.T. -0.00 min
Lab File: VL037955.D
Acq: 2 Nov 2021 2:10

Tgt Ion: 85 Resp: 11135

Ion	Ratio	Lower	Upper
85	100		
87	35.2	25.3	37.9



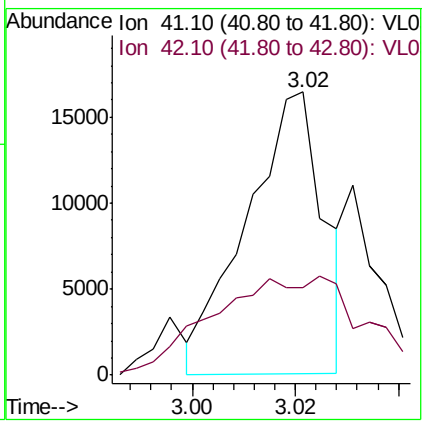


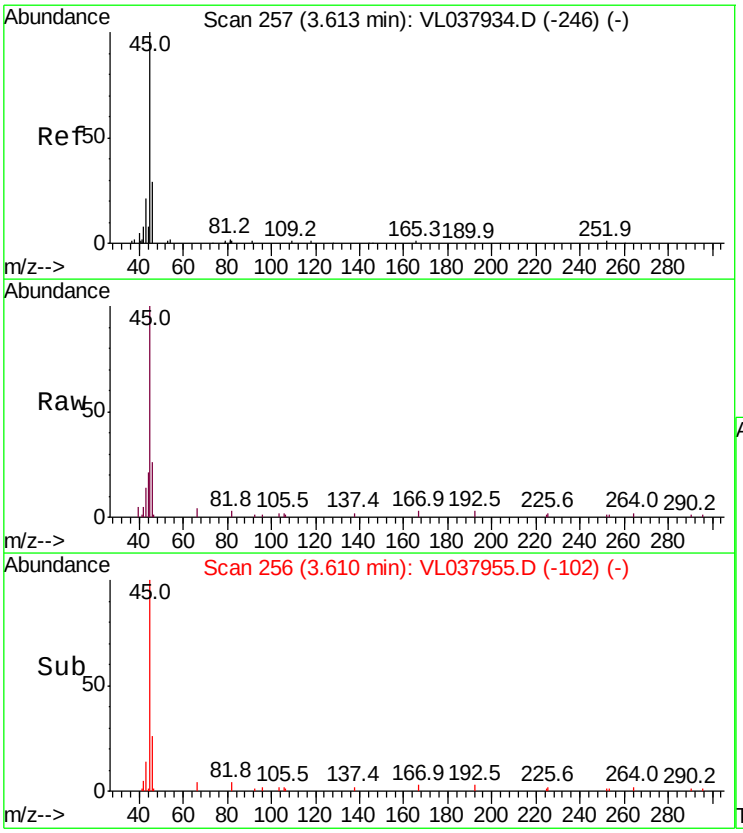
#9
Propene
Concen: 0.172 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 2 Nov 2021 2:10

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tgt Ion: 41 Resp: 16971

Ion	Ratio	Lower	Upper
41	100		
42	78.0	57.6	86.4

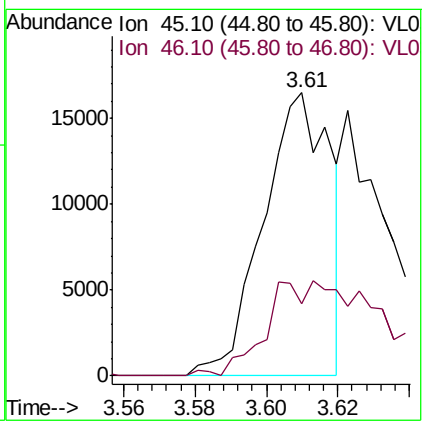


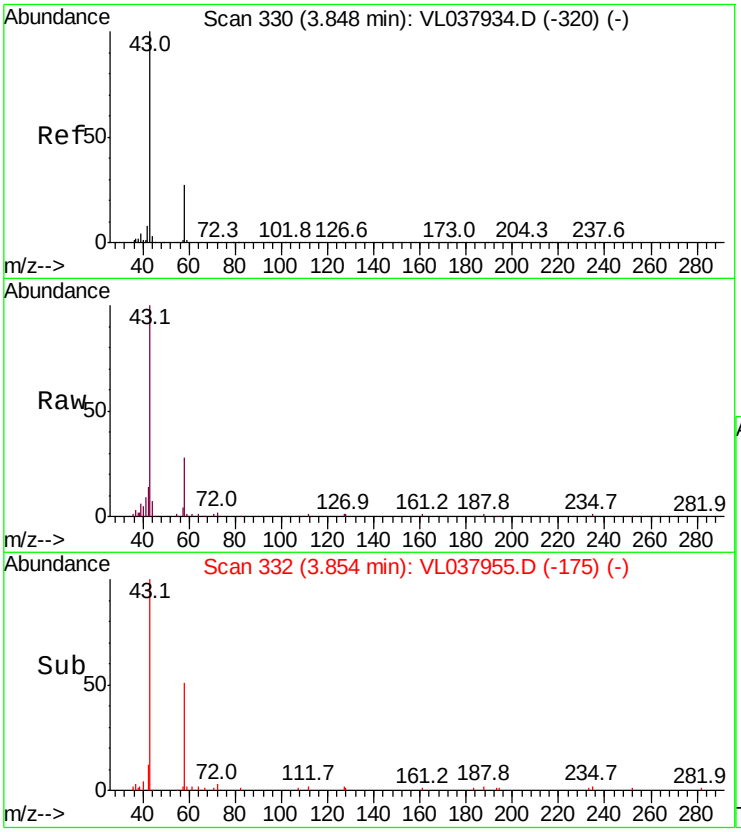


#13
Ethanol
Concen: 2.155 ppbv
RT: 3.61 min Scan# 256
Delta R.T. -0.00 min
Lab File: VL037955.D
Acq: 2 Nov 2021 2:10

Tgt Ion: 45 Resp: 21481

Ion	Ratio	Lower	Upper
45	100		
46	92.7	17.4	69.8#



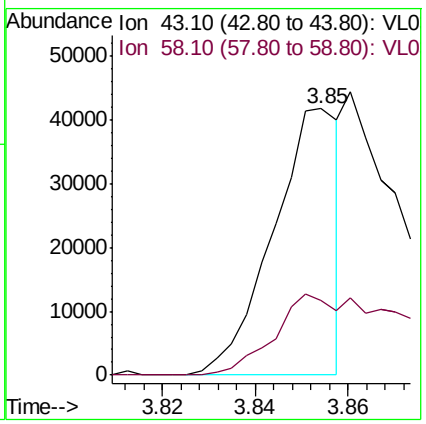


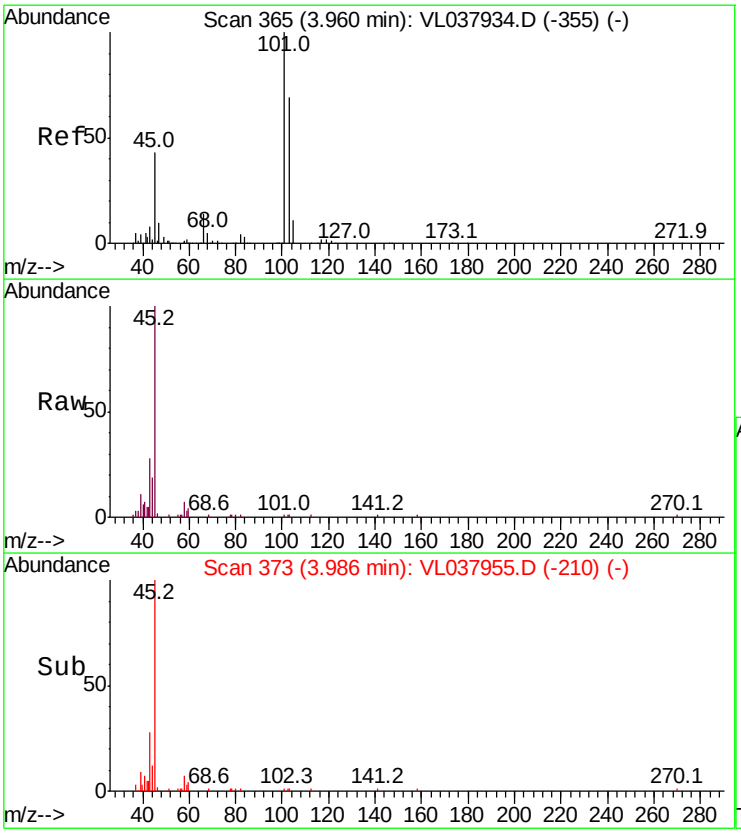
#15
Acetone
Concen: 0.336 ppbv
RT: 3.85
Delta R.T
Lab File:
Acq: 2 Nov 2021 2:10

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tgt Ion: 43 Resp: 41121

Ion	Ratio	Lower	Upper
43	100		
58	74.5	23.3	34.9#

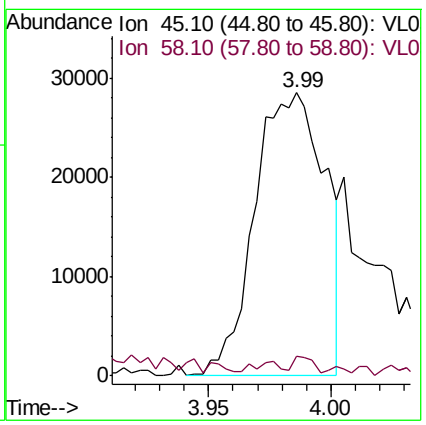


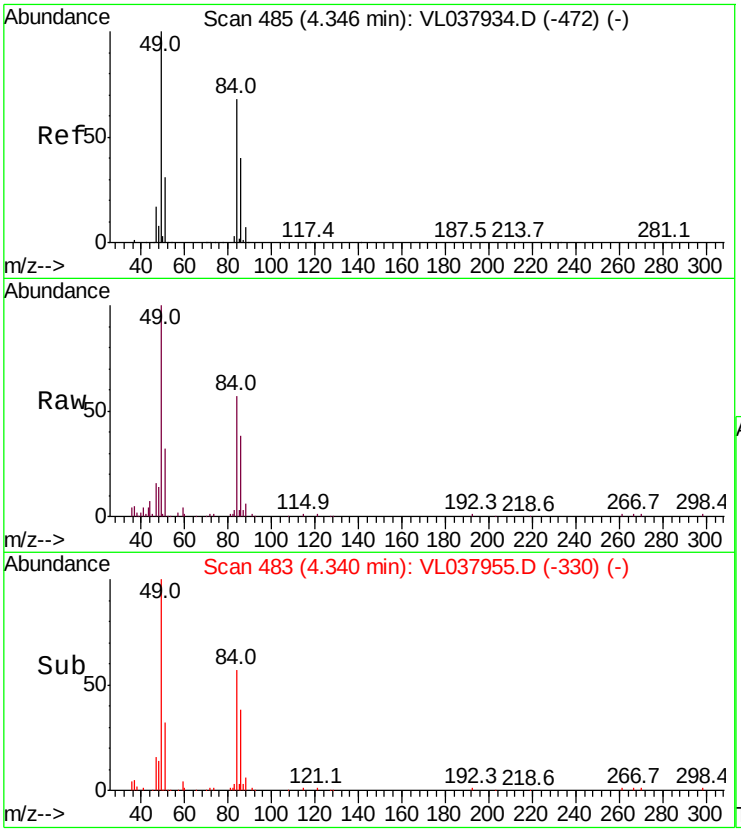


#19
Isopropyl Alcohol
Concen: 0.729 ppbv
RT: 3.99 min Scan# 373
Delta R.T. 0.03 min
Lab File: VL037955.D
Acq: 2 Nov 2021 2:10

Tgt Ion: 45 Resp: 56999

Ion	Ratio	Lower	Upper
45	100		
58	6.1	4.0	6.0#



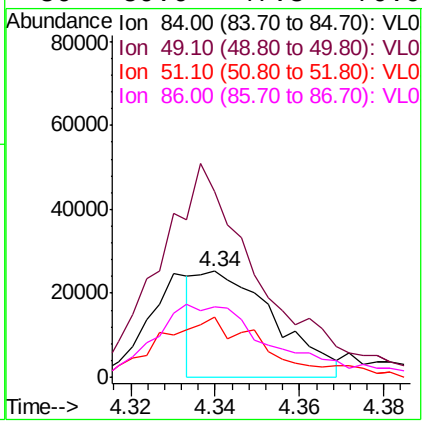


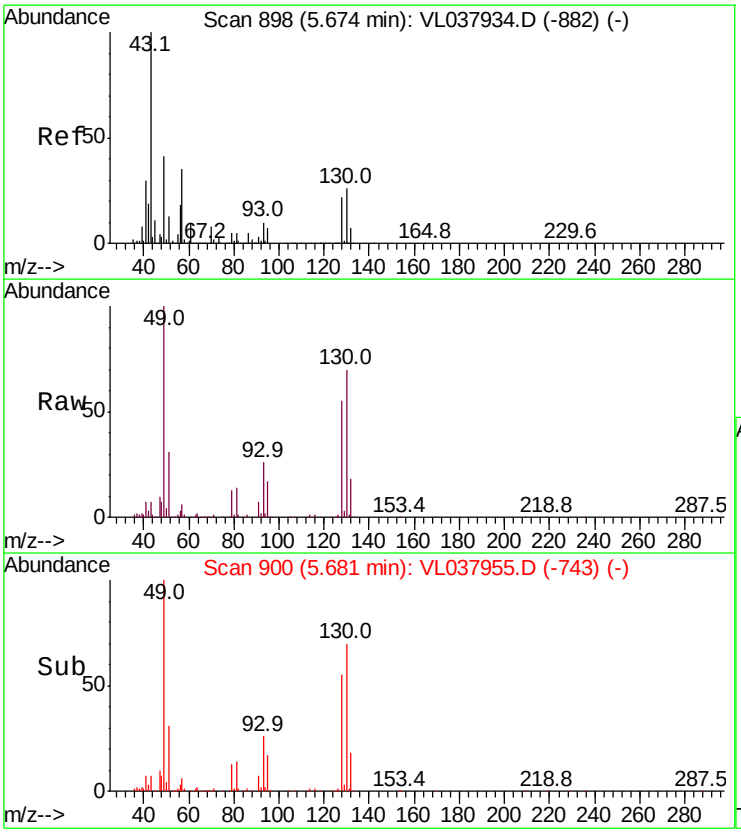
#20
Methylene Chloride
Concen: 0.486 ppbv
RT: 4.34
Delta R.T
Lab File:
Acq: 2 Nov 2021 2:10

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tgt Ion: 84 Resp: 32643

Ion	Ratio	Lower	Upper
84	100		
49	171.8	117.5	176.3
51	53.5	35.9	53.9
86	59.6	47.3	70.9

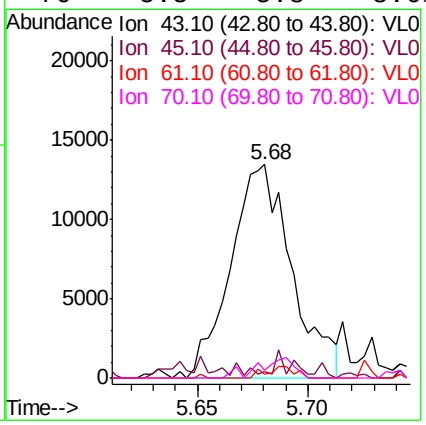


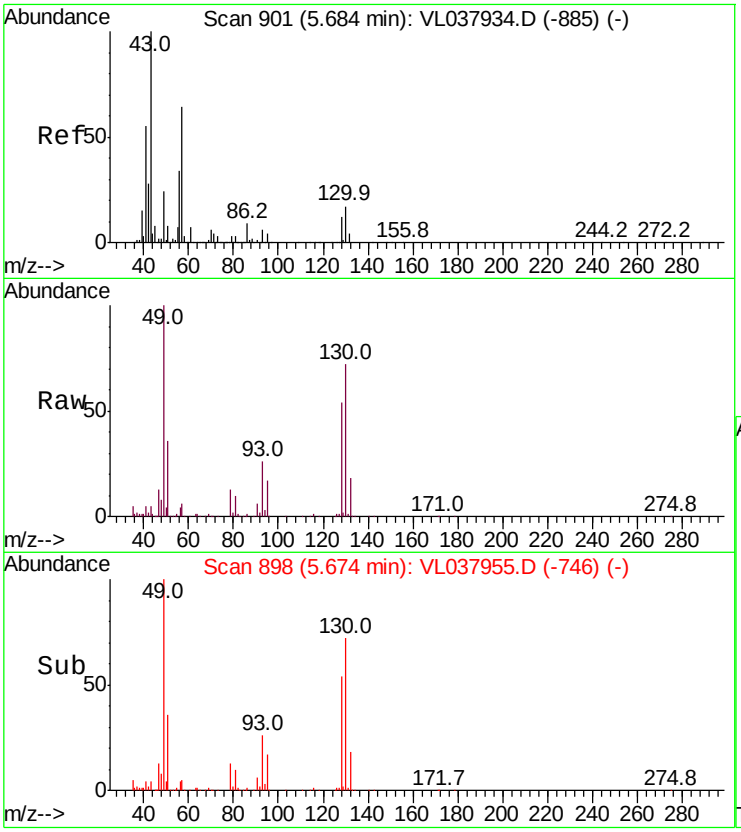


#25
Ethyl Acetate
Concen: 0.071 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.01 min
Lab File: VL037955.D
Acq: 2 Nov 2021 2:10

Tgt Ion: 43 Resp: 25817

Ion	Ratio	Lower	Upper
43	100		
45	11.9	8.1	12.1
61	2.4	8.1	12.1#
70	5.5	5.8	8.6#



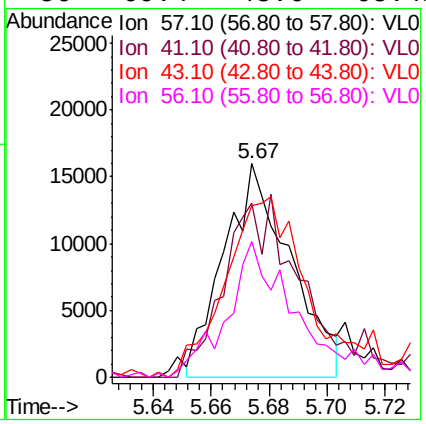


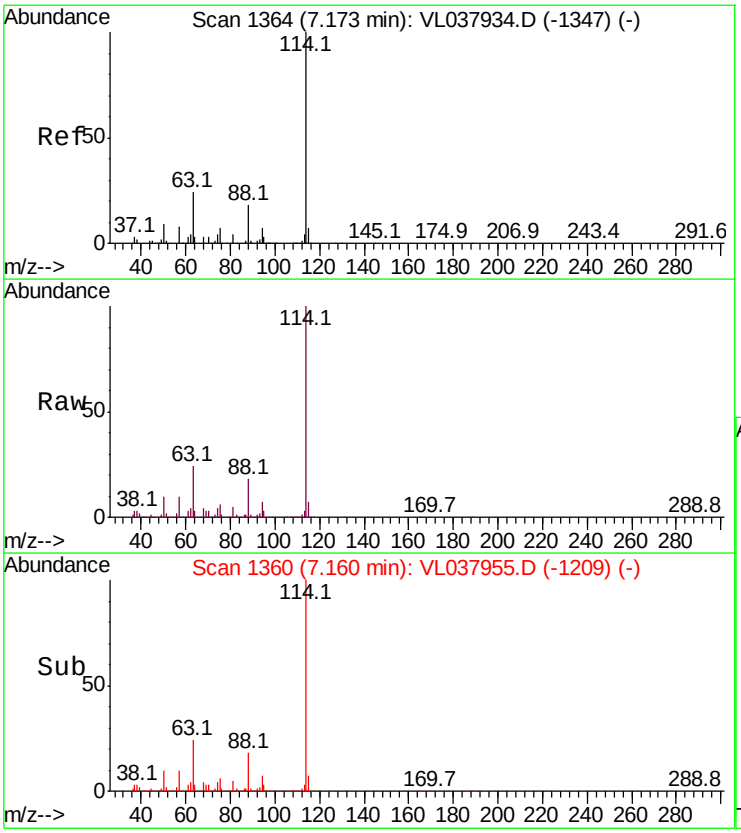
#26
Hexane
Concen: 0.148 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 2 Nov 2021 2:10

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tgt Ion: 57 Resp: 25416

Ion	Ratio	Lower	Upper
57	100		
41	106.0	71.0	106.6
43	112.7	173.0	259.6#
56	69.4	43.6	65.4#

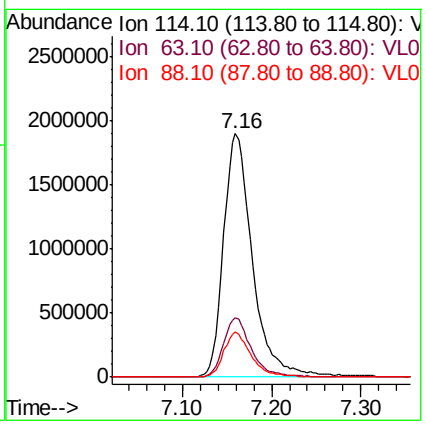


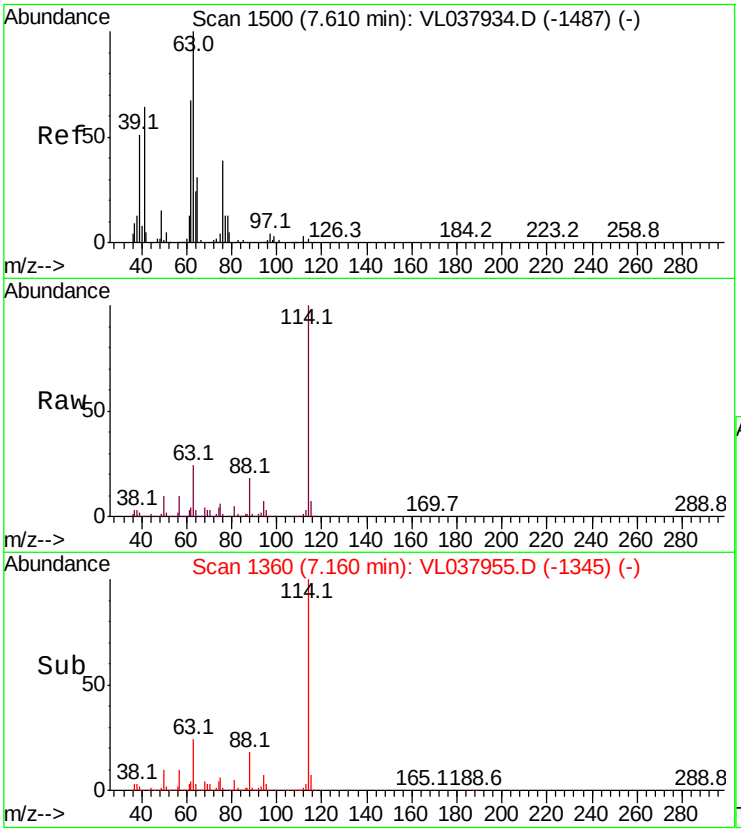


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.01 min
Lab File: VL037955.D
Acq: 2 Nov 2021 2:10

Tgt Ion:114 Resp: 4259394

Ion	Ratio	Lower	Upper
114	100		
63	23.9	19.4	29.0
88	17.9	14.2	21.4



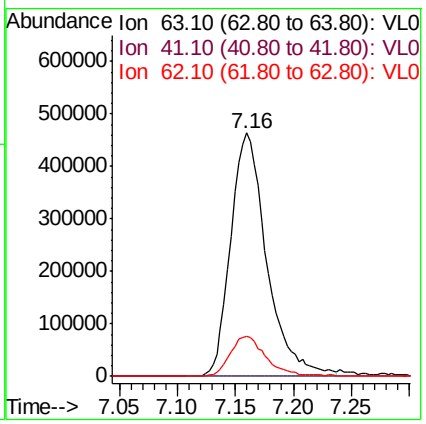


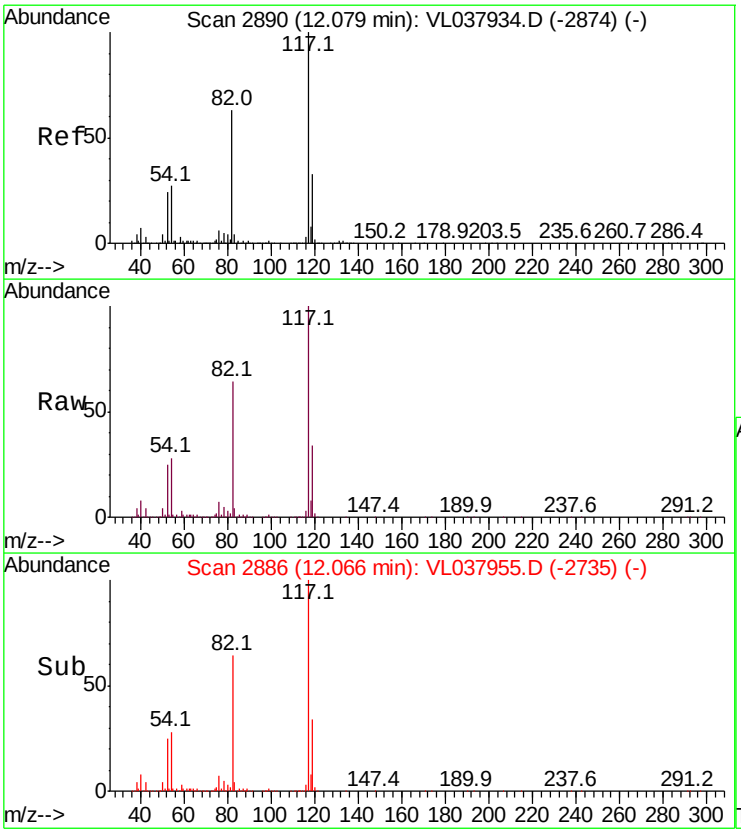
#39
1,2-Dichloropropane
Concen: 7.646 ppbv
RT: 7.16
Delta R.T
Lab File:
Acq: 2 Nov 2021 2:10

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tgt Ion: 63 Resp: 997920

Ion	Ratio	Lower	Upper
63	100		
41	0.2	51.6	77.4#
62	16.3	53.5	80.3#

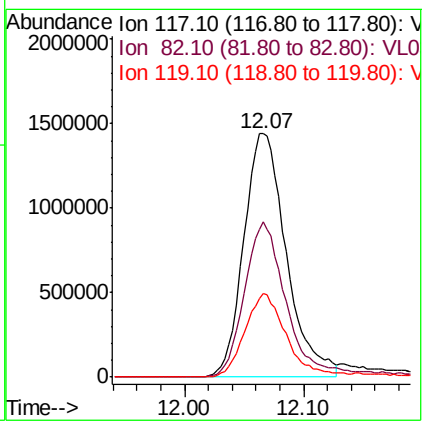


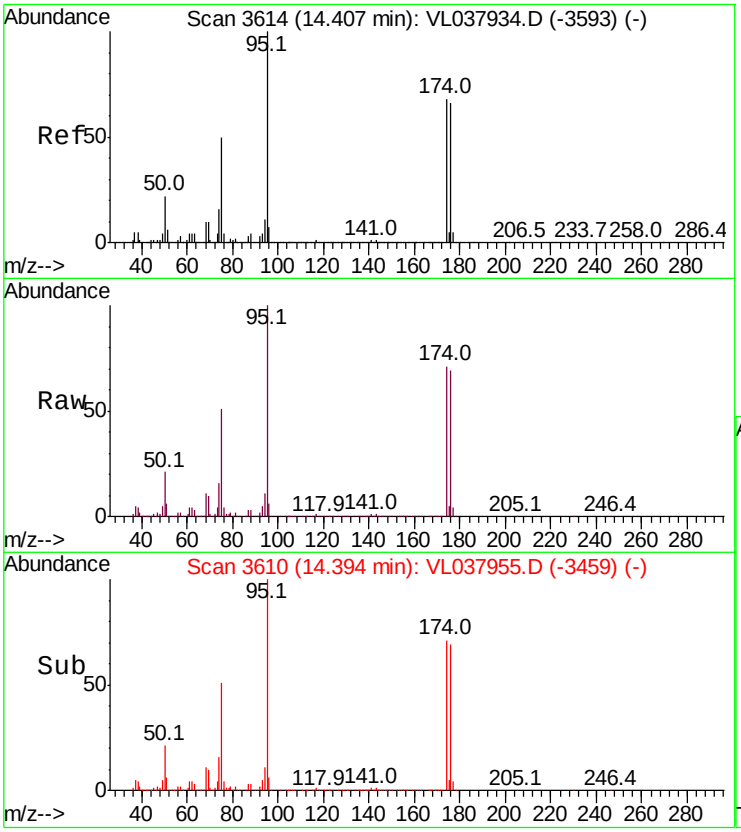


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. -0.01 min
Lab File: VL037955.D
Acq: 2 Nov 2021 2:10

Tgt Ion:117 Resp: 3573085

Ion	Ratio	Lower	Upper
117	100		
82	63.9	51.0	76.6
119	35.6	26.9	40.3





#68
1-Bromo-4-Fluorobenzene
Concen: 10.204 ppbv
RT: 14.39
Delta R.T
Lab File:
Acq: 2 Nov 2021 2.10

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tgt Ion: 95 Resp: 2650202

Ion	Ratio	Lower	Upper
95	100		
174	75.9	58.3	87.5
175	6.1	4.6	6.8