Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL042721\
Data File : VL036864.D
Acq On : 27 Apr 2021 19:11
Operator : SY/AP
Sample : M2172-07DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Apr 28 05:25:54 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL042721AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Apr 27 16:56:35 2021
QLast Update : Tue Apr 27 16:56:35 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1416943	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.18	114	3371376	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.10	117	2994192	10.00	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	2403670	10.00	ppbv	0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.00%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.97	51	208051	0.806	ppbv #	61
4) Chloromethane	3.15	50	2563	0.030	ppbv #	61
9) Propene	3.36	41	4856	0.062	ppbv	88
11) Trichlorofluoromethane	3.96	101	6033	0.030	ppbv	93
13) Ethanol	3.64	45	10223	1.019	ppbv #	26
15) Acetone	3.87	43	97514	0.730	ppbv #	76
20) Methylene Chloride	4.35	84	168522	2.639	ppbv	88
25) Ethyl Acetate	5.70	43	93139	0.286	ppbv #	81
26) Hexane	5.69	57	114813	0.752	ppbv #	41
31) cis-1,2-Dichloroethene	5.55	61	42676	0.312	ppbv	96
39) 1,2-Dichloropropane	7.18	63	928492	8.159	ppbv #	24

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

Quantitation Report (Not Reviewed)

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Misc : 400mL/MSVOA_L
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MSVOA_L
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Quant Time: Apr 28 05:25:54 2021
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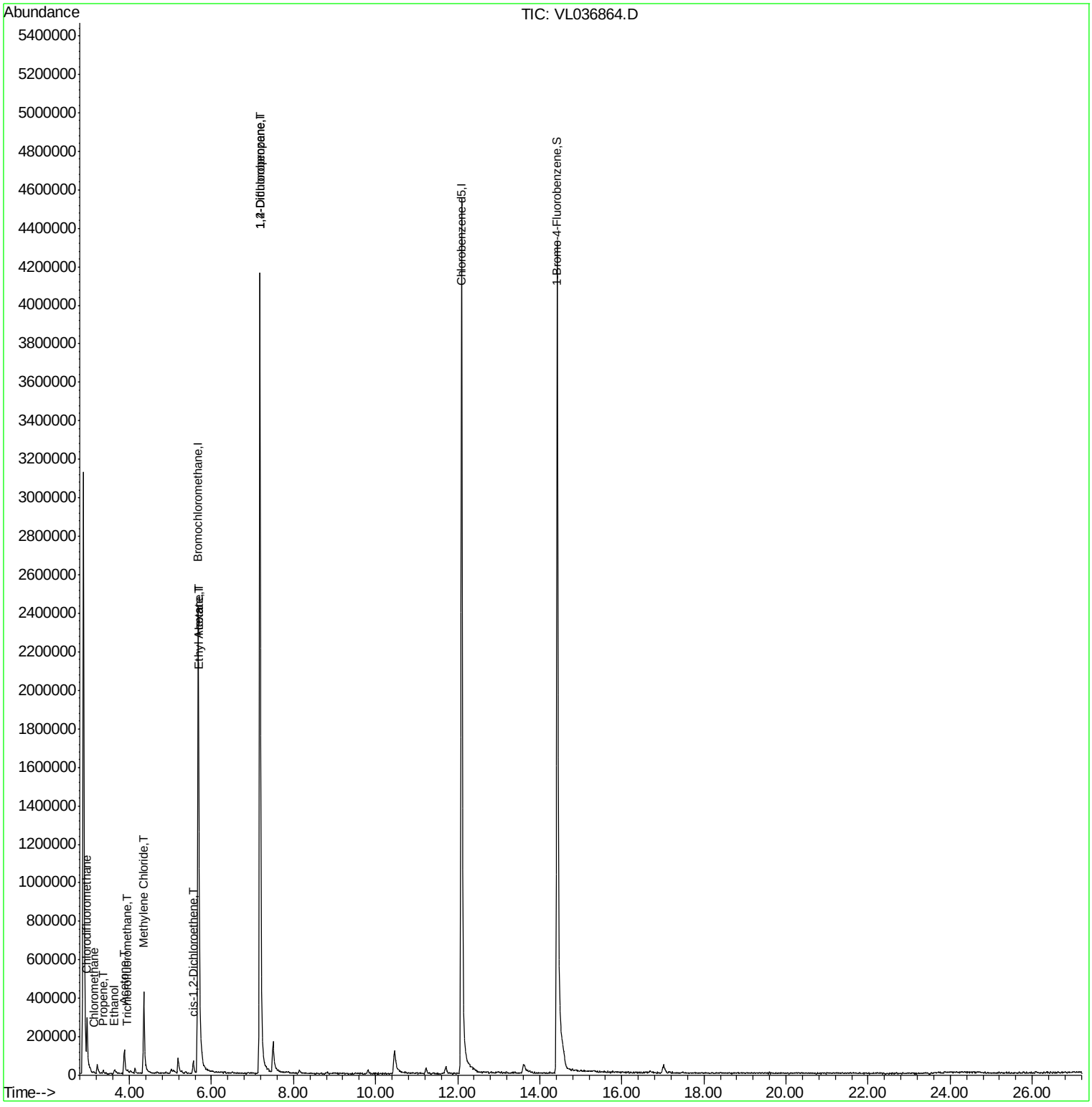
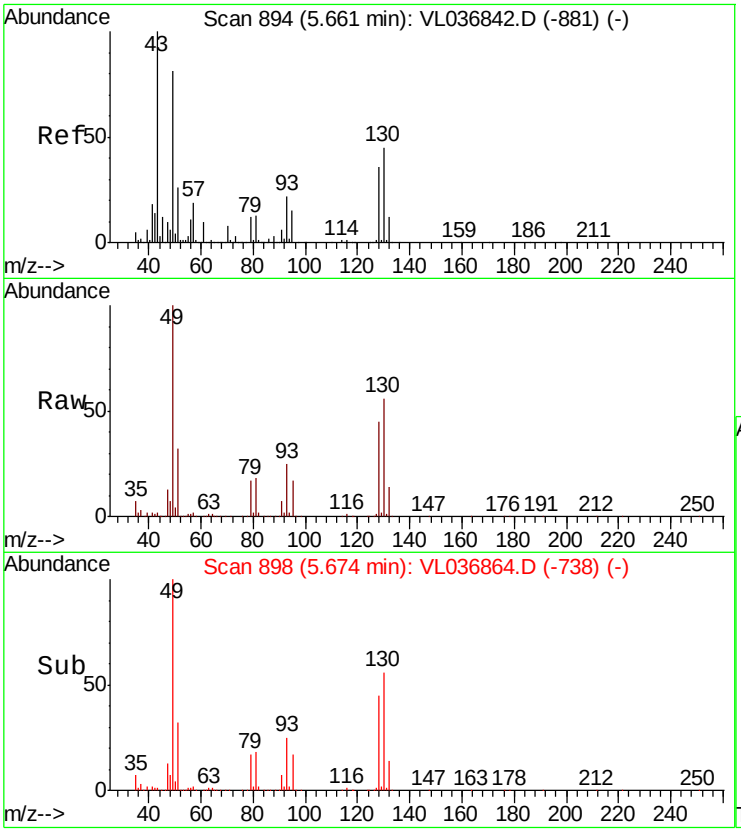


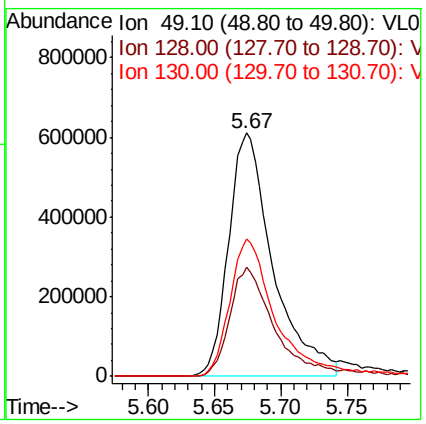


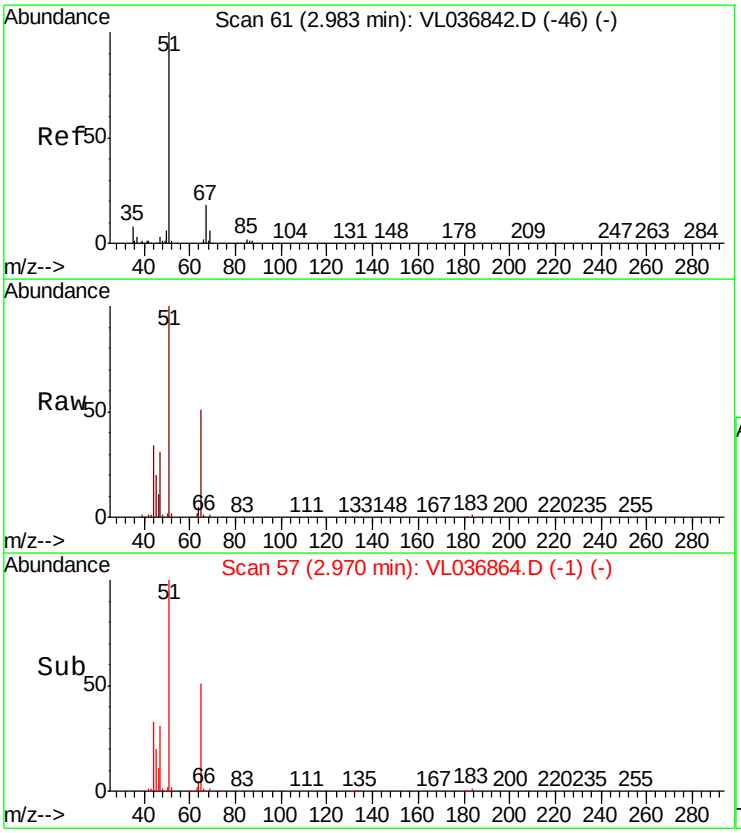
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 27 Apr 2021 19:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1416943

Ion	Ratio	Lower	Upper
49	100		
128	47.4	24.4	73.2
130	60.0	30.3	90.8

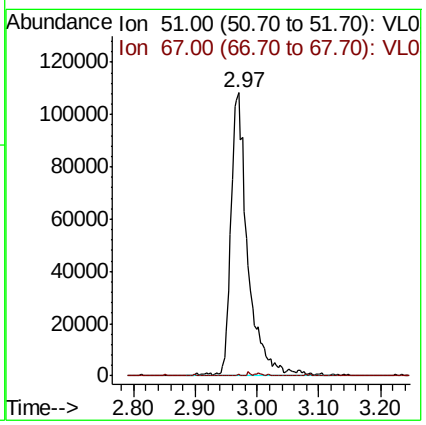


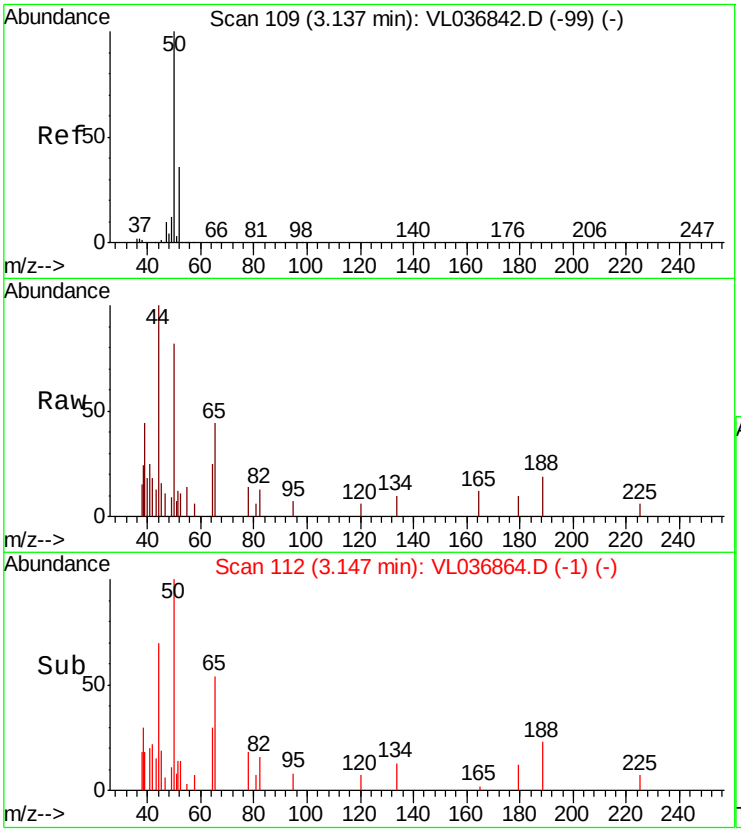


#3
Chlorodifluoromethane
Concen: 0.806 ppbv
RT: 2.97 min Scan# 57
Delta R.T. -0.01 min
Lab File: VL036864.D
Acq: 27 Apr 2021 19:11

Tgt Ion: 51 Resp: 208051

Ion	Ratio	Lower	Upper
51	100		
67	1.0	14.8	22.2#



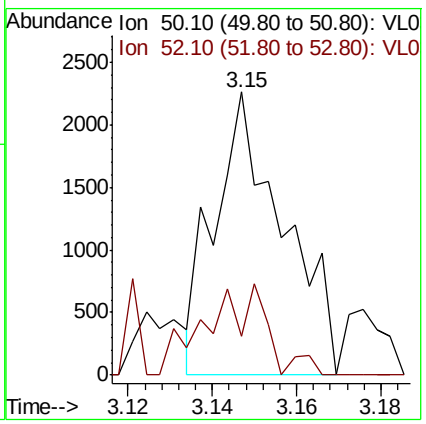


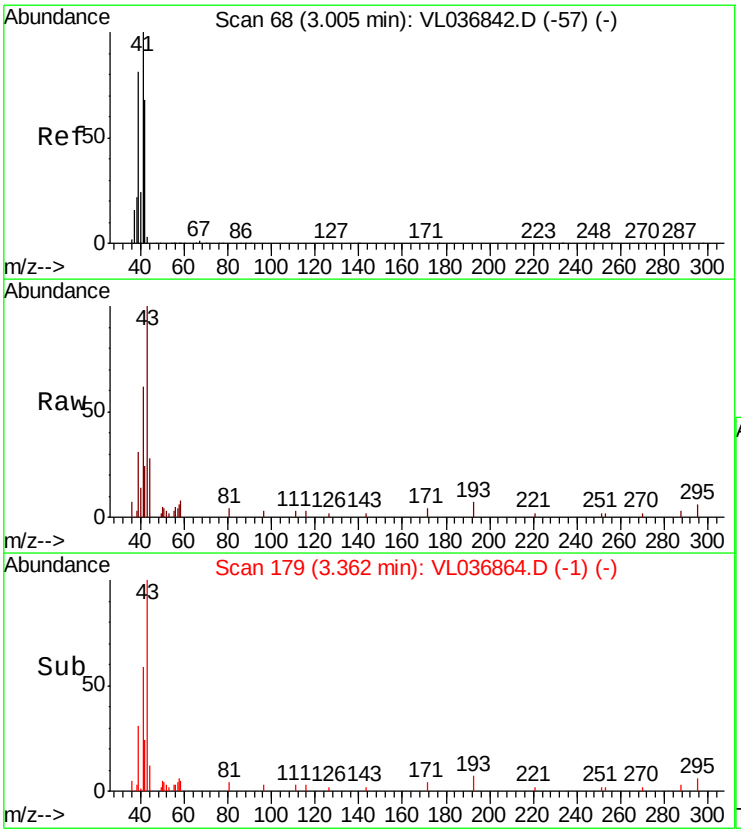
#4
Chloromethane
Concen: 0.030 ppbv
RT: 3.15
Delta R.T
Lab File:
Acq: 27 Apr 2021 19:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 50 Resp: 2563

Ion	Ratio	Lower	Upper
50	100		
52	12.7	28.5	42.7#

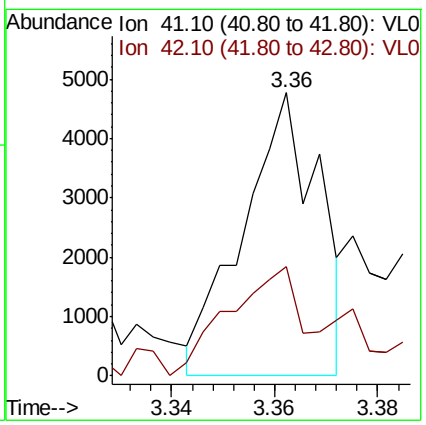


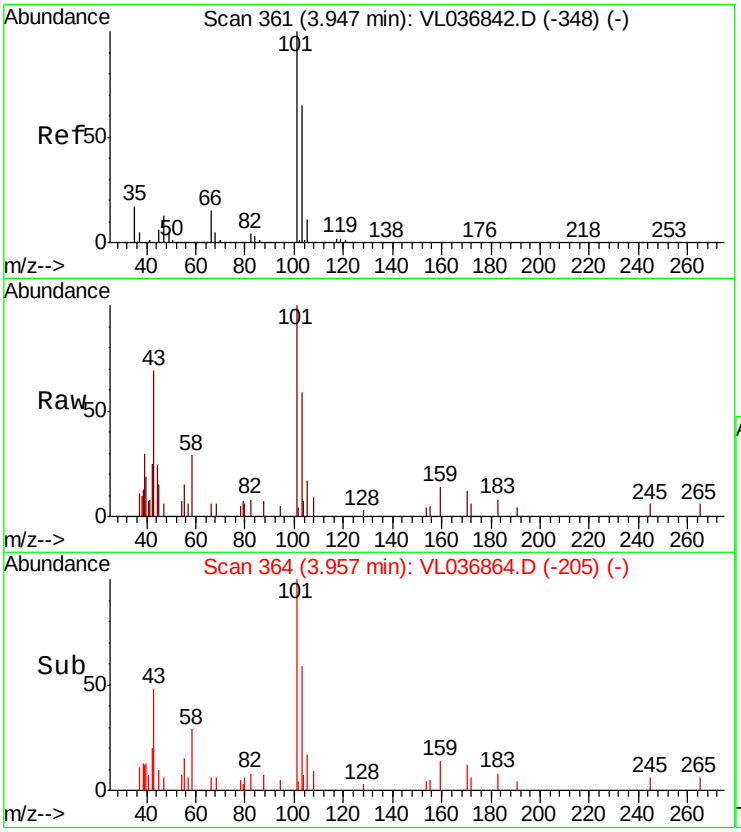


#9
Propene
Concen: 0.062 ppbv
RT: 3.36 min Scan# 179
Delta R.T. 0.36 min
Lab File: VL036864.D
Acq: 27 Apr 2021 19:11

Tgt Ion: 41 Resp: 4856

Ion	Ratio	Lower	Upper
41	100		
42	60.3	56.0	84.0



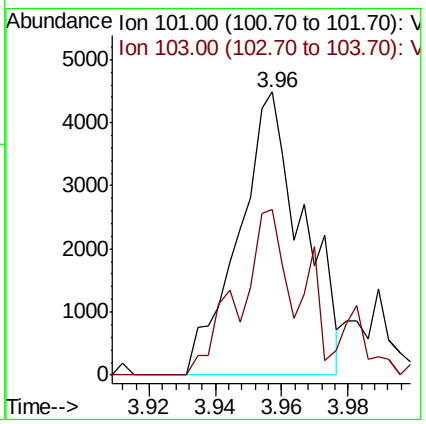


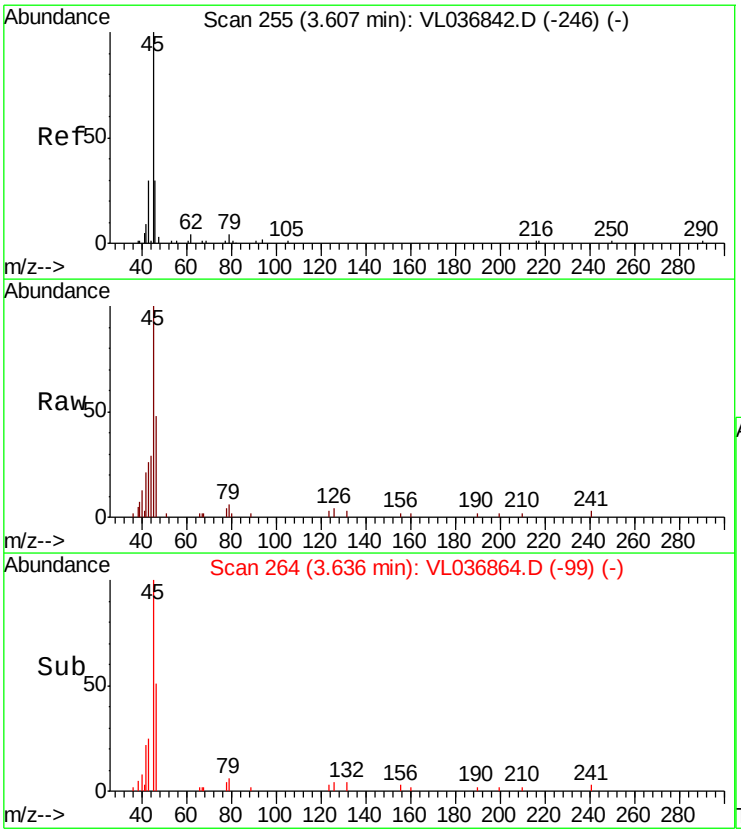
#11
Trichlorofluoromethane
Concen: 0.030 ppbv
RT: 3.96
Delta R.T
Lab File:
Acq: 27 Apr 2021 19:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 6033

Ion	Ratio	Lower	Upper
101	100		
103	58.7	51.6	77.4

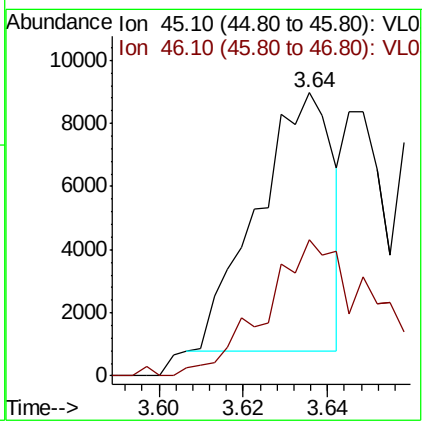


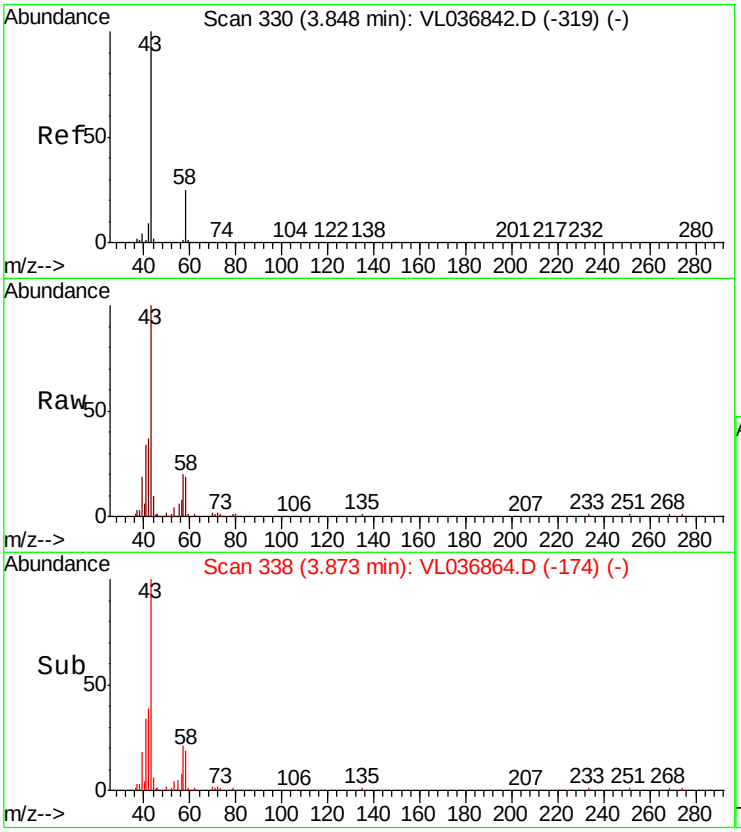


#13
Ethanol
Concen: 1.019 ppbv
RT: 3.64 min Scan# 264
Delta R.T. 0.03 min
Lab File: VL036864.D
Acq: 27 Apr 2021 19:11

Tgt Ion: 45 Resp: 10223

Ion	Ratio	Lower	Upper
45	100		
46	88.9	16.8	67.4#



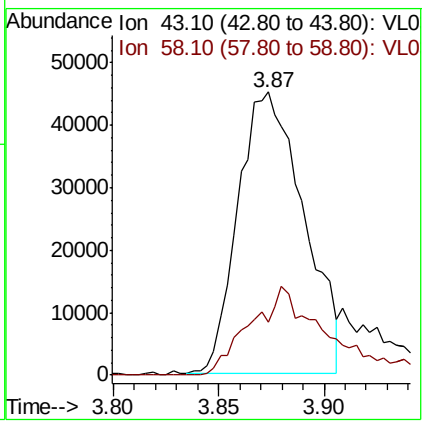


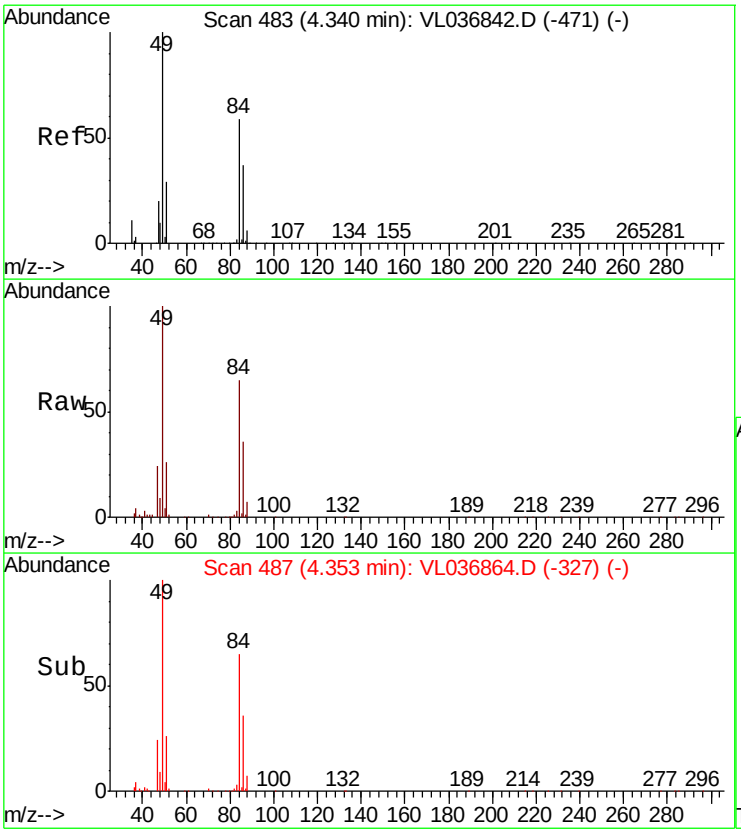
#15
Acetone
Concen: 0.730 ppbv
RT: 3.87
Delta R.T
Lab File:
Acq: 27 Apr 2021 19:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 97514

Ion	Ratio	Lower	Upper
43	100		
58	39.6	21.7	32.5#

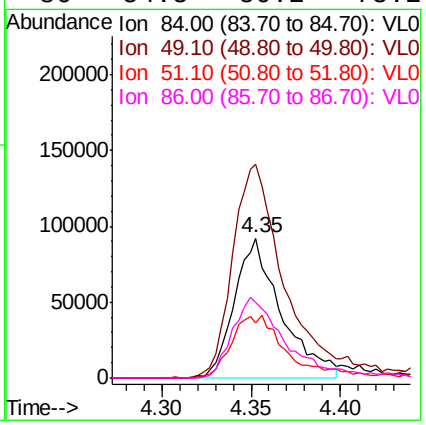


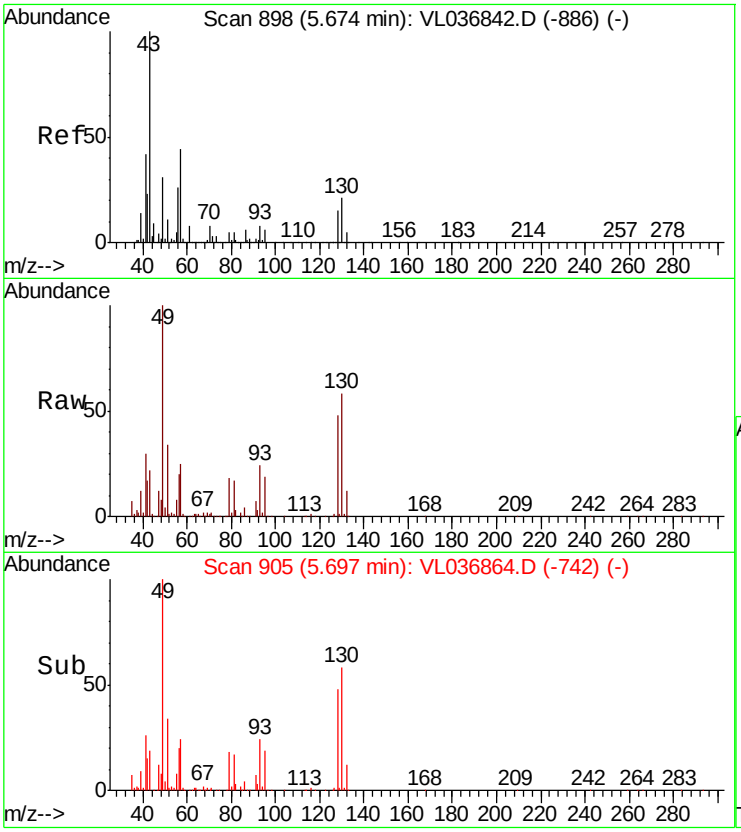


#20
Methylene Chloride
Concen: 2.639 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.01 min
Lab File: VL036864.D
Acq: 27 Apr 2021 19:11

Tgt Ion: 84 Resp: 168522

Ion	Ratio	Lower	Upper
84	100		
49	152.6	135.4	203.0
51	39.8	39.3	58.9
86	54.5	50.2	75.2



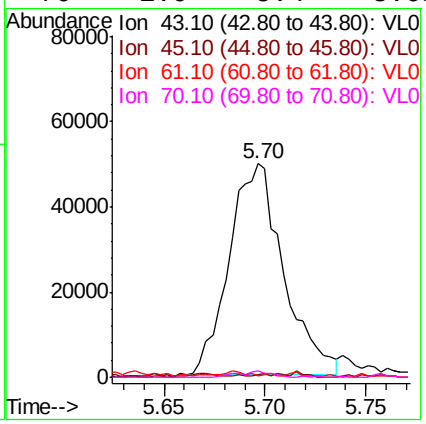


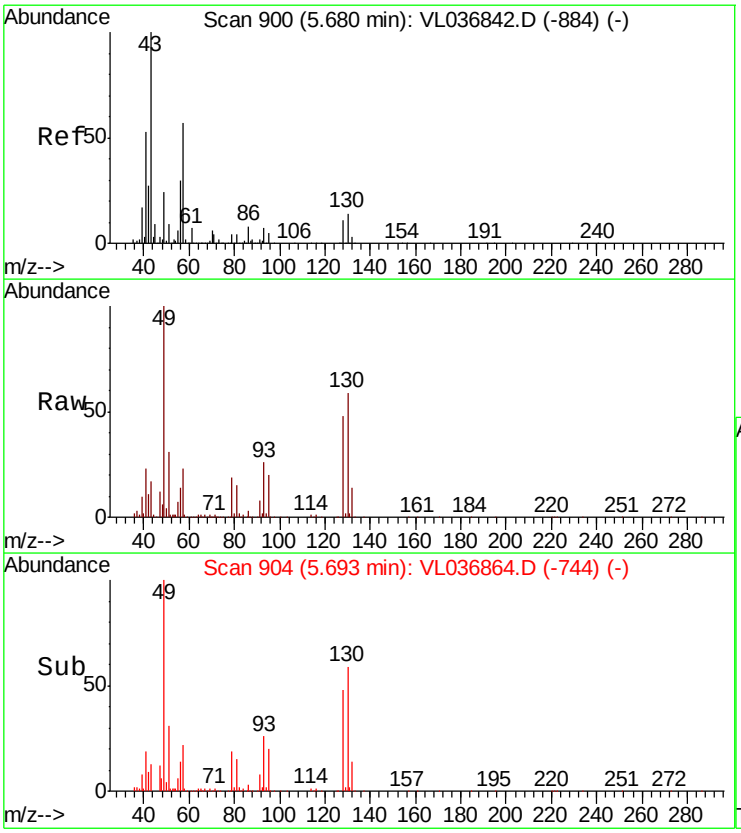
#25
Ethyl Acetate
Concen: 0.286 ppbv
RT: 5.70
Delta R.T
Lab File:
Acq: 27 Apr 2021 19:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 93139

Ion	Ratio	Lower	Upper
43	100		
45	1.7	7.8	11.8#
61	1.7	7.4	11.0#
70	1.9	5.4	8.0#

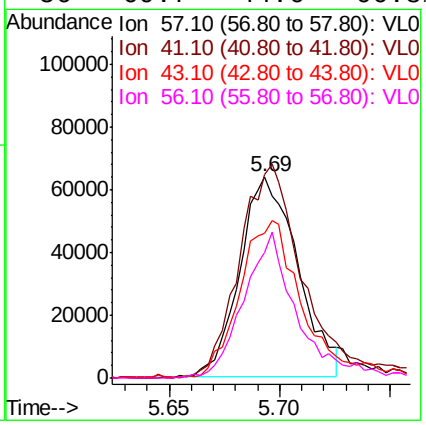


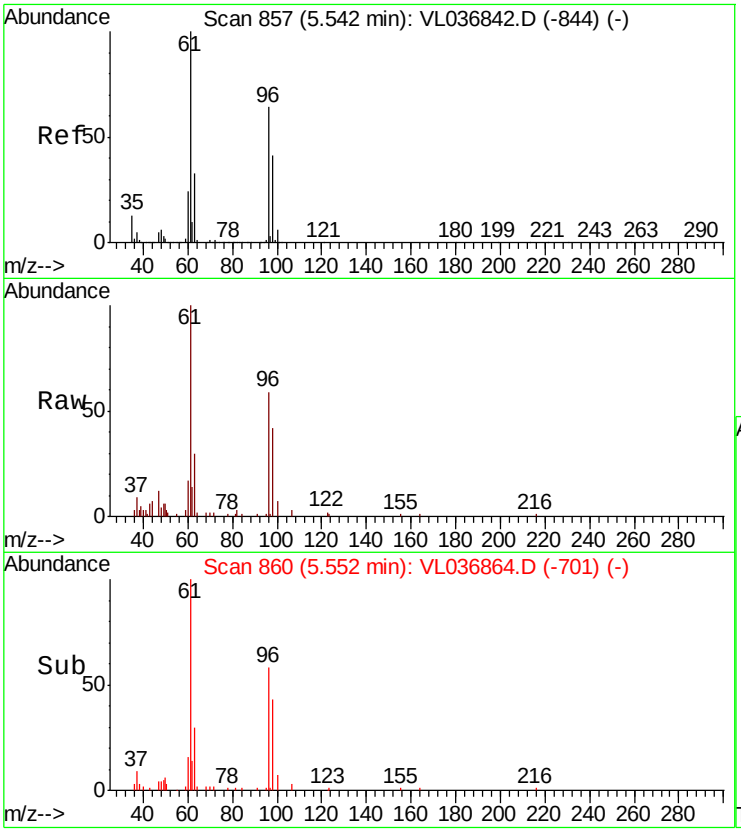


#26
Hexane
Concen: 0.752 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.01 min
Lab File: VL036864.D
Acq: 27 Apr 2021 19:11

Tgt Ion: 57 Resp: 114813

Ion	Ratio	Lower	Upper
57	100		
41	122.7	77.7	116.5#
43	90.1	180.5	270.7#
56	69.7	44.6	66.8#



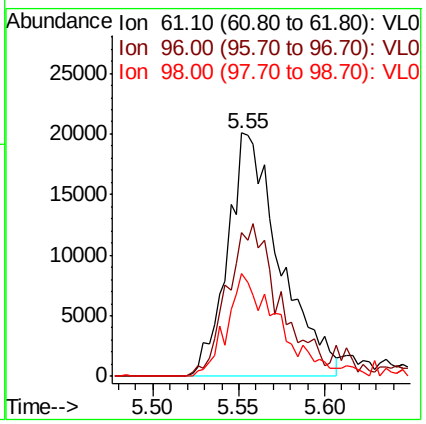


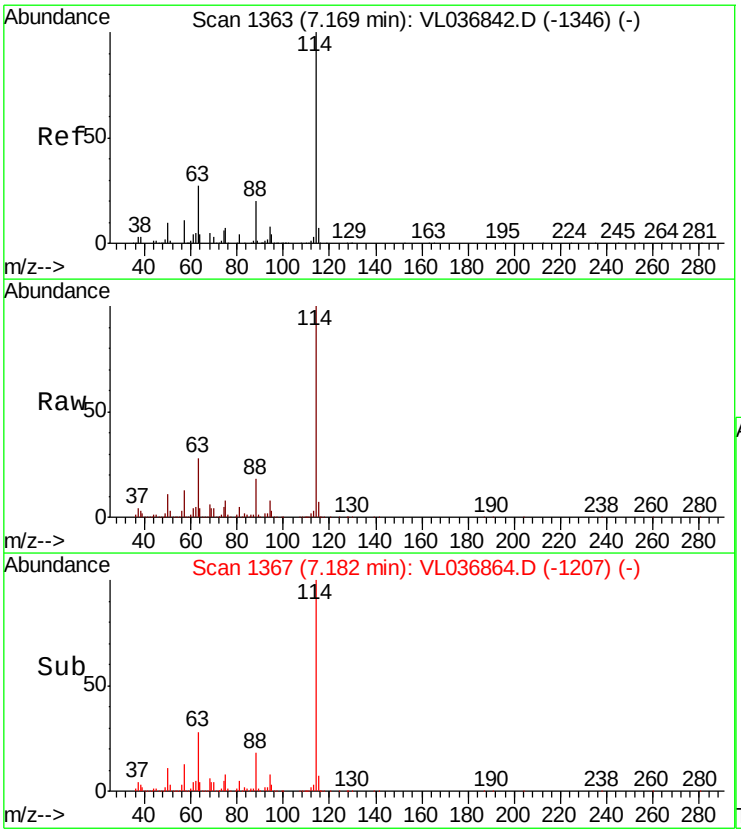
#31
cis-1,2-Dichloroethene
Concen: 0.312 ppbv
RT: 5.55
Delta R.T
Lab File:
Acq: 27 Apr 2021 19:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 61 Resp: 42676

Ion	Ratio	Lower	Upper
61	100		
96	59.3	51.0	76.6
98	42.0	32.7	49.1

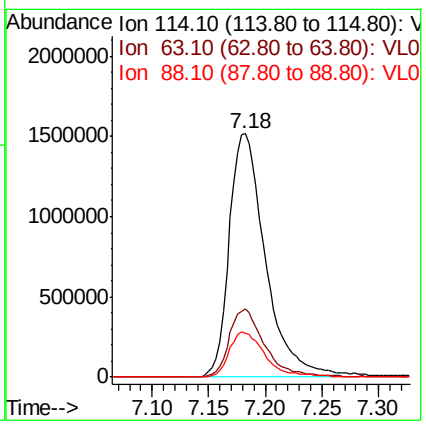


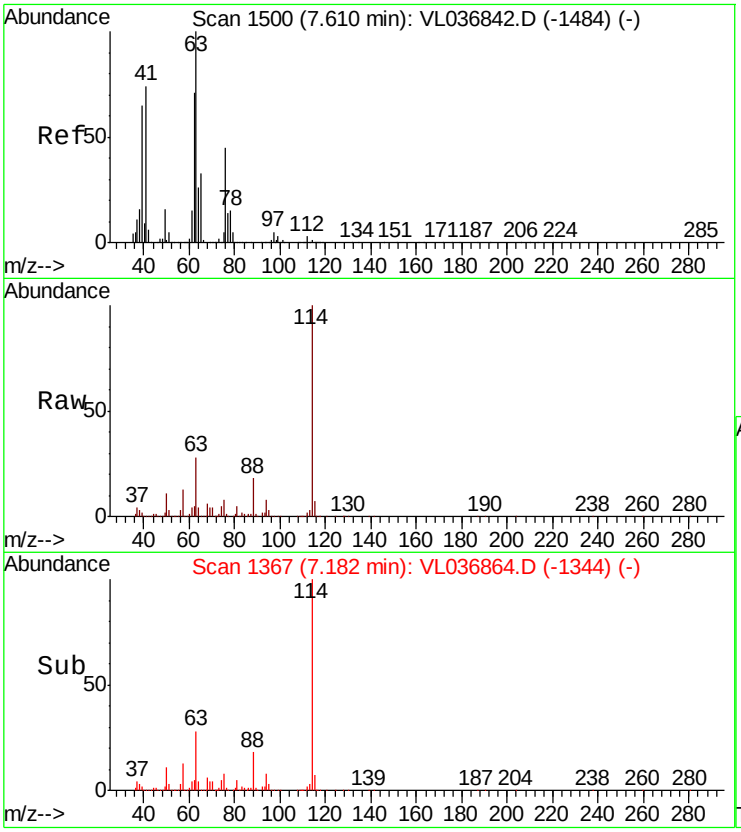


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. 0.01 min
Lab File: VL036864.D
Acq: 27 Apr 2021 19:11

Tgt Ion:114 Resp: 3371376

Ion	Ratio	Lower	Upper
114	100		
63	28.1	21.9	32.9
88	18.9	15.1	22.7



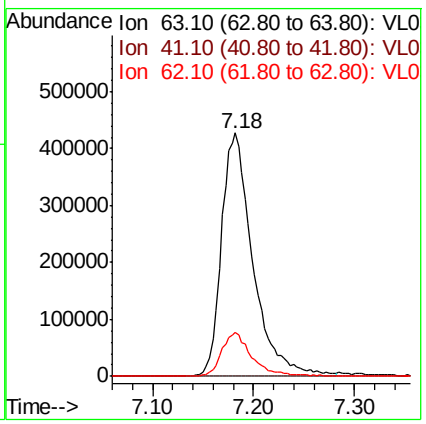


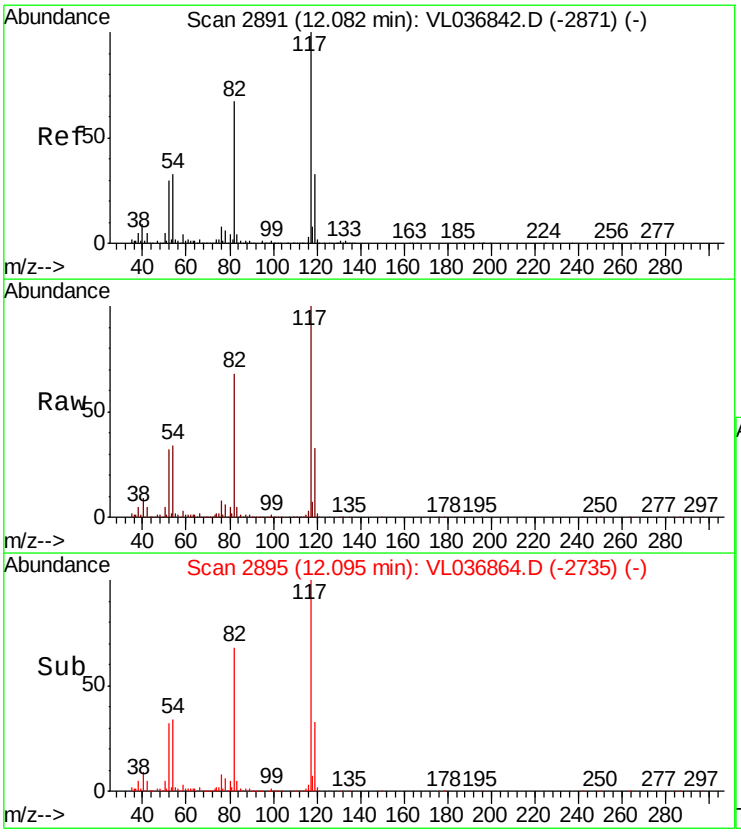
#39
1,2-Dichloropropane
Concen: 8.159 ppbv
RT: 7.18
Delta R.T
Lab File:
Acq: 27 Apr 2021 19:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 928492

Ion	Ratio	Lower	Upper
63	100		
41	0.2	59.1	88.7#
62	18.0	56.9	85.3#

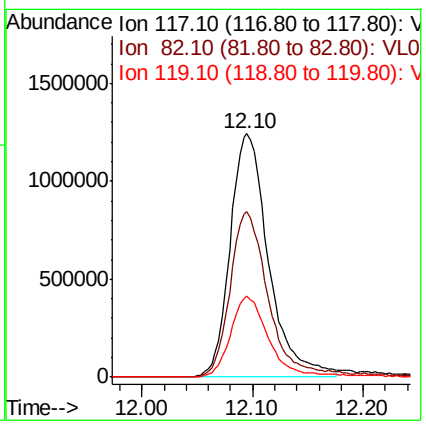


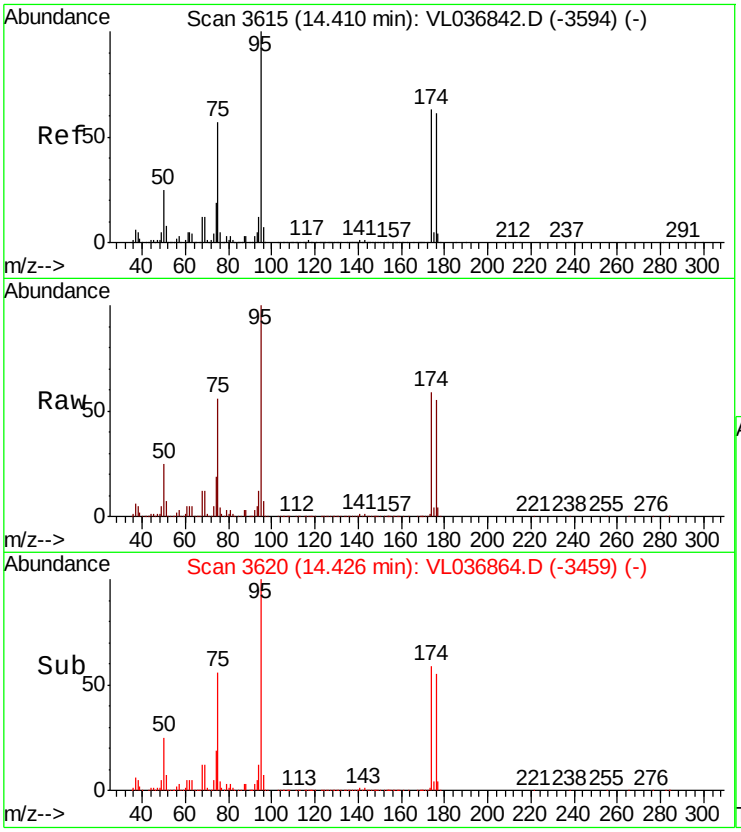


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2895
Delta R.T. 0.01 min
Lab File: VL036864.D
Acq: 27 Apr 2021 19:11

Tgt Ion:117 Resp: 2994192

Ion	Ratio	Lower	Upper
117	100		
82	70.3	53.5	80.3
119	33.8	25.6	38.4





#68
1-Bromo-4-Fluorobenzene
Concen: 10.000 ppbv
RT: 14.43
Delta R.T
Lab File:
Acq: 27 Apr 2021 19:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2403670

Ion	Ratio	Lower	Upper
95	100		
174	65.2	52.2	78.2
175	4.6	4.0	6.0