Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121421\
Data File : VL038180.D
Acq On : 15 Dec 2021 9:01
Operator : SY/AP
Sample : M5075-03DL 40X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Dec 15 13:29:38 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Nov 18 13:16:09 2021
QLast Update : Thu Nov 18 13:16:09 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.63	49	1000143	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.13	114	2688372	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.03	117	2371754	10.00	ppbv	-0.05
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.36	95	1878801	10.98	ppbv	-0.05
Spiked Amount 10.000	Range 65 - 135		Recovery = 109.80%			
Target Compounds						Qvalue
9) Propene	3.00	41	7135	0.092	ppbv	99
13) Ethanol	3.58	45	232	0.031	ppbv #	32
15) Acetone	3.84	43	17857	0.206	ppbv #	85
20) Methylene Chloride	4.31	84	47420	0.976	ppbv	94
25) Ethyl Acetate	5.65	43	19726	0.068	ppbv #	77
26) Hexane	5.65	57	16275	0.117	ppbv #	32
39) 1,2-Dichloropropane	7.13	63	739228	7.186	ppbv #	27
61) Styrene	13.47	104	794587	4.841	ppbv	90

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

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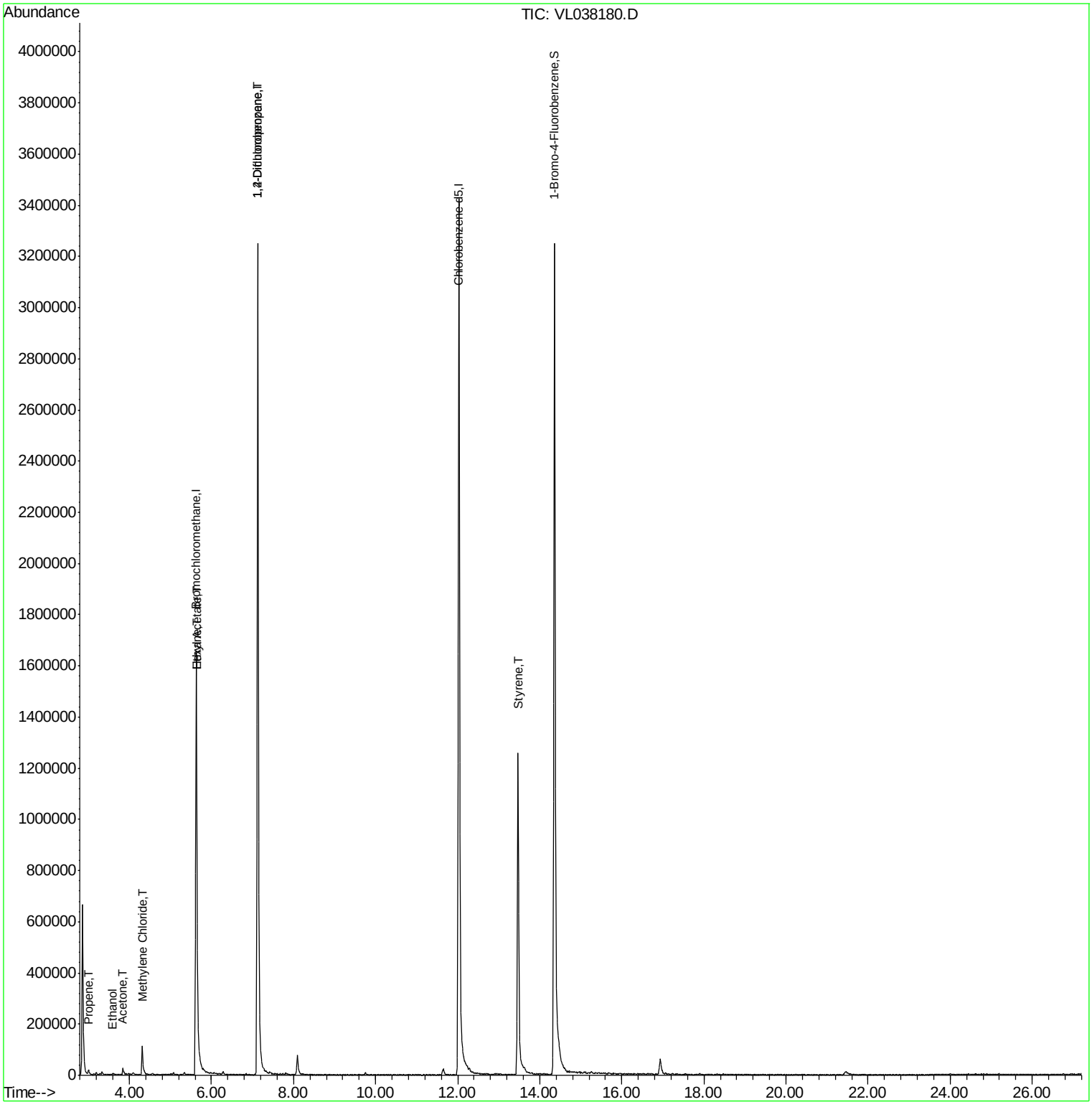
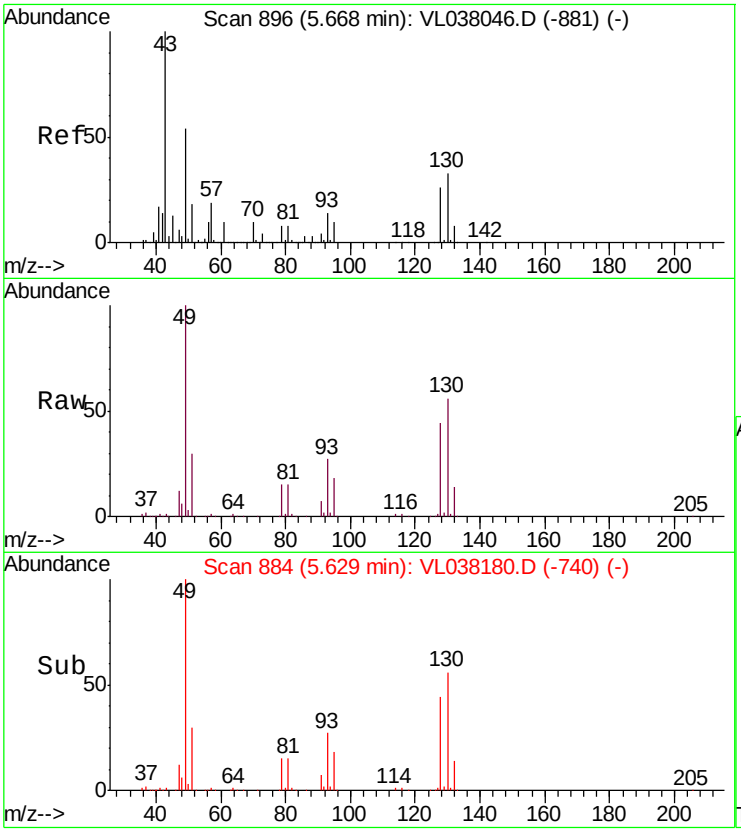


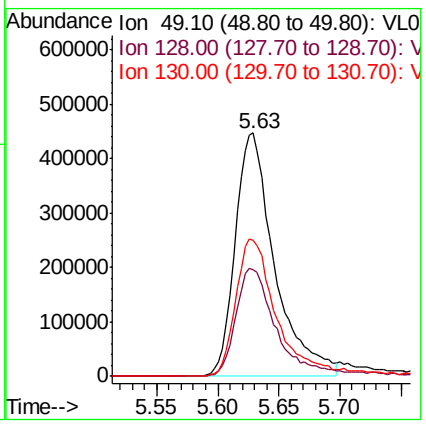


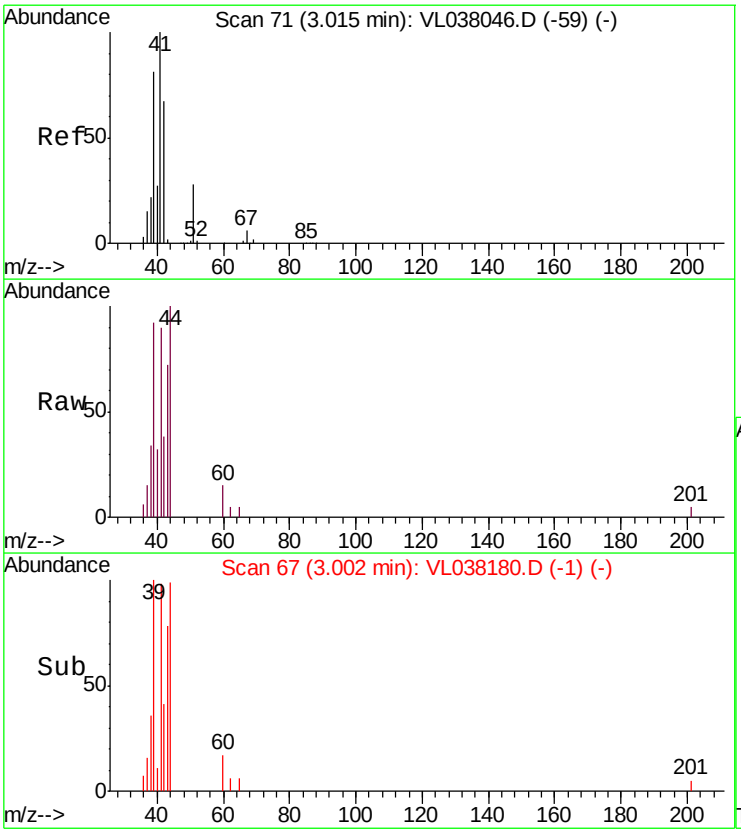
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.63
Delta R.T
Lab File:
Acq: 15 Dec 2021 9:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1000143

Ion	Ratio	Lower	Upper
49	100		
128	47.5	26.5	79.5
130	62.1	32.5	97.4

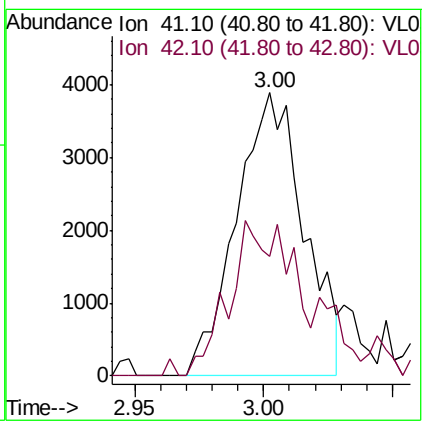


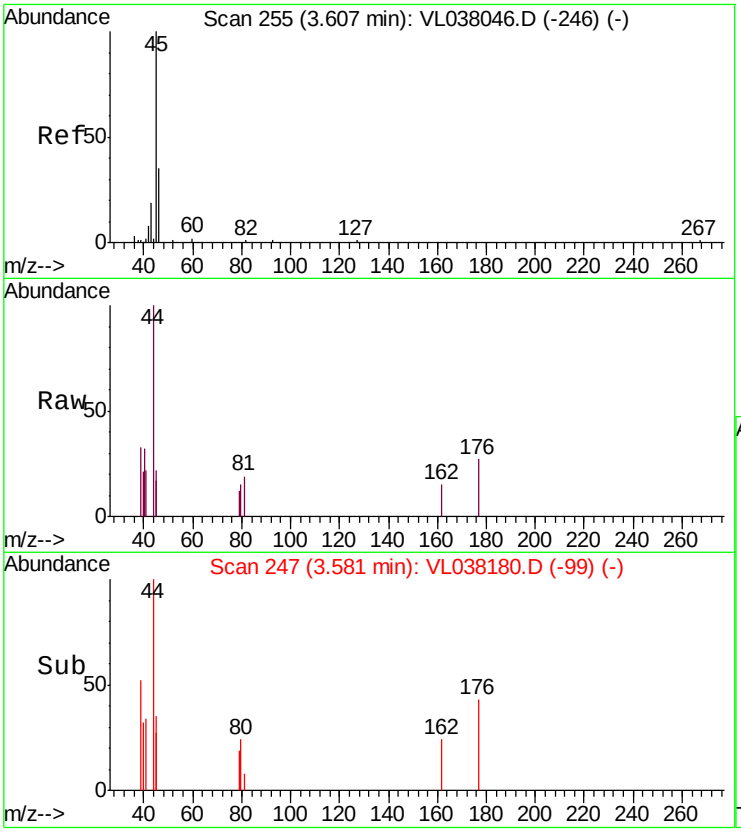


#9
Propene
Concen: 0.092 ppbv
RT: 3.00 min Scan# 67
Delta R.T. -0.01 min
Lab File: VL038180.D
Acq: 15 Dec 2021 9:01

Tgt Ion: 41 Resp: 7135

Ion	Ratio	Lower	Upper
41	100		
42	66.7	53.8	80.8



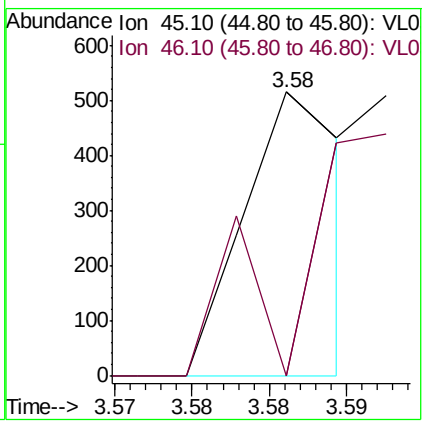


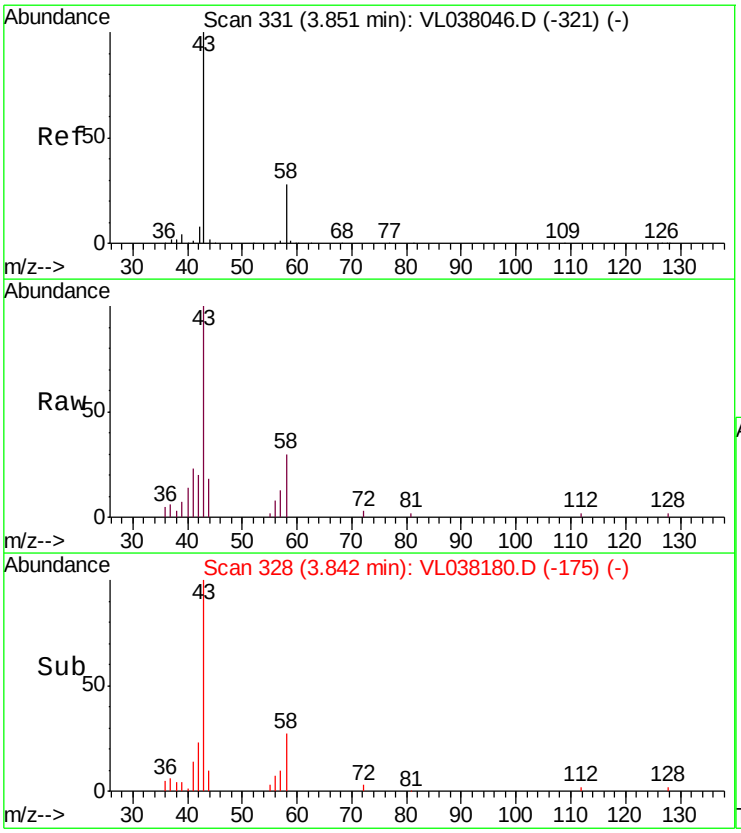
#13
Ethanol
Concen: 0.031 ppbv
RT: 3.58
Delta R.T
Lab File:
Acq: 15 Dec 2021 9:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 232

Ion	Ratio	Lower	Upper
45	100		
46	0.0	17.6	70.2#

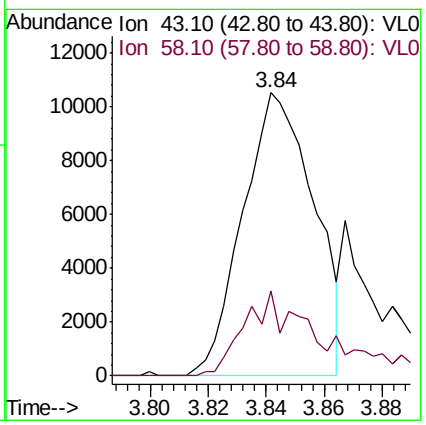


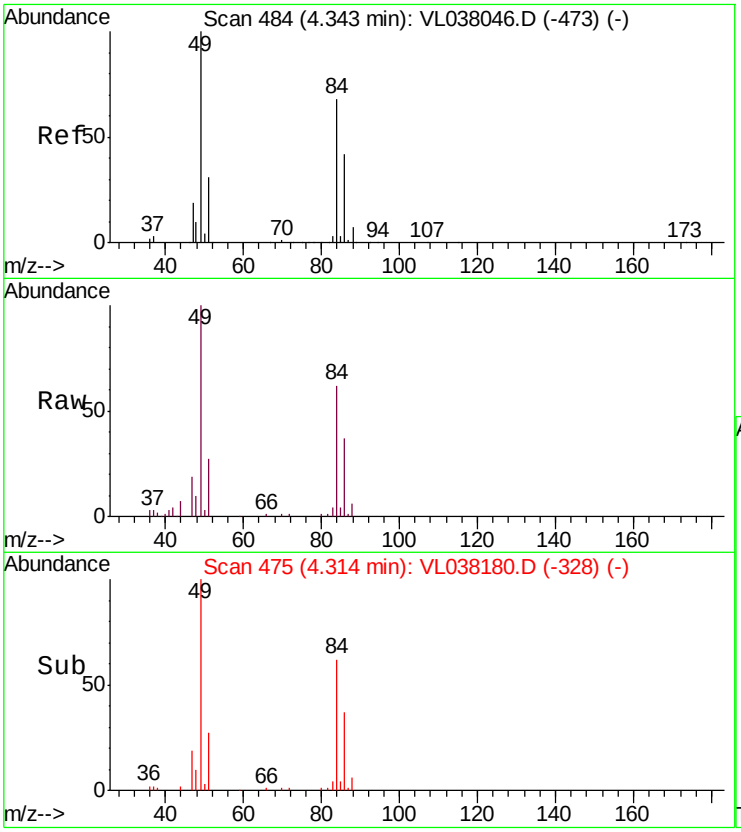


#15
Acetone
Concen: 0.206 ppbv
RT: 3.84 min Scan# 328
Delta R.T. -0.01 min
Lab File: VL038180.D
Acq: 15 Dec 2021 9:01

Tgt Ion: 43 Resp: 17857

Ion	Ratio	Lower	Upper
43	100		
58	35.8	22.4	33.6#



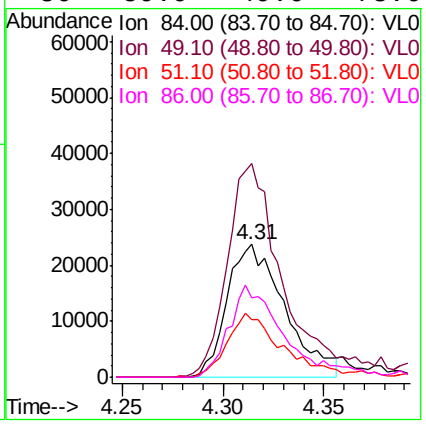


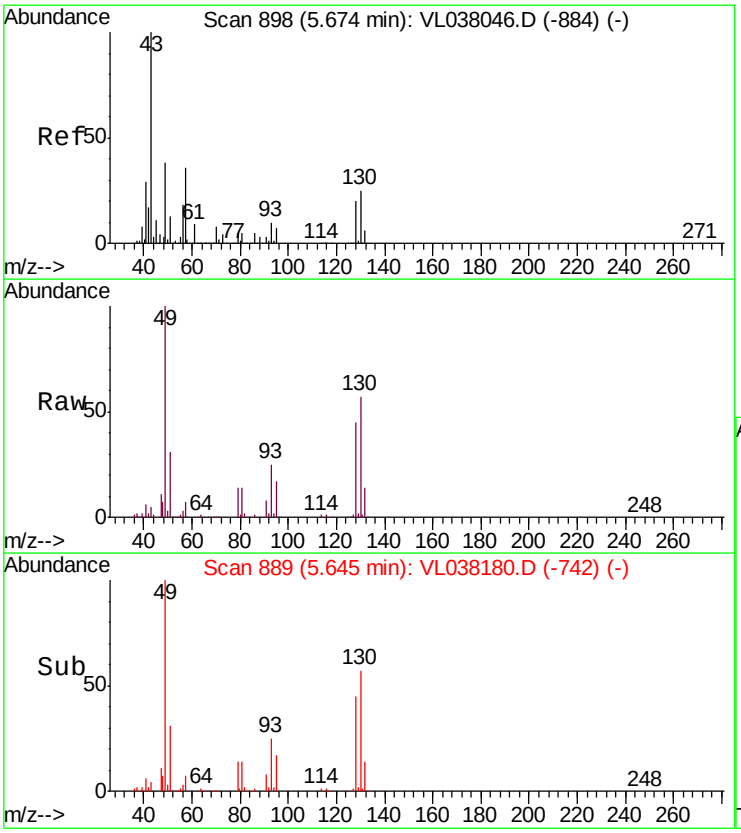
#20
Methylene Chloride
Concen: 0.976 ppbv
RT: 4.31
Delta R.T
Lab File:
Acq: 15 Dec 2021 9:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 47420

Ion	Ratio	Lower	Upper
84	100		
49	159.1	118.2	177.2
51	43.0	36.8	55.2
86	59.9	49.0	73.6

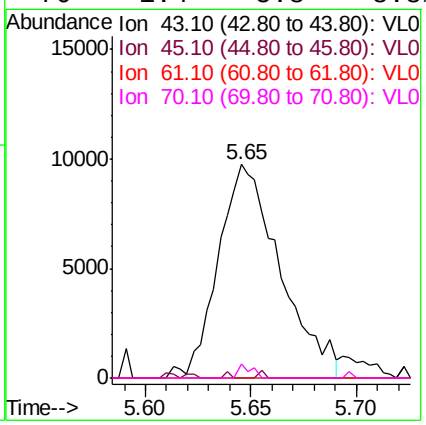


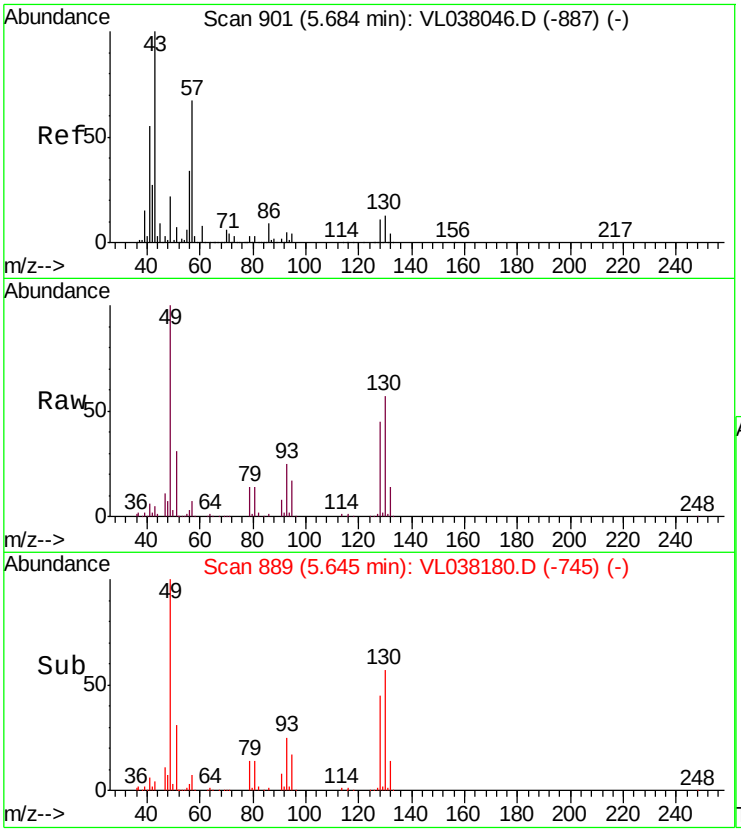


#25
Ethyl Acetate
Concen: 0.068 ppbv
RT: 5.65 min Scan# 889
Delta R.T. -0.03 min
Lab File: VL038180.D
Acq: 15 Dec 2021 9:01

Tgt Ion: 43 Resp: 19726

Ion	Ratio	Lower	Upper
43	100		
45	1.0	7.9	11.9#
61	0.0	7.8	11.6#
70	1.4	5.8	8.8#



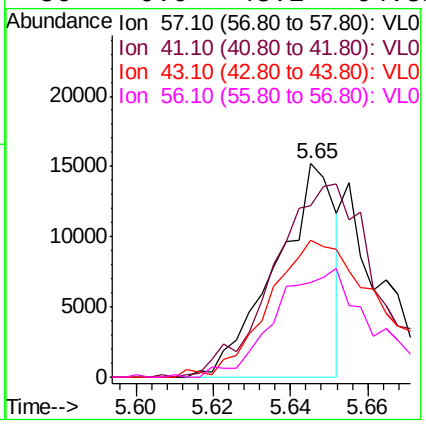


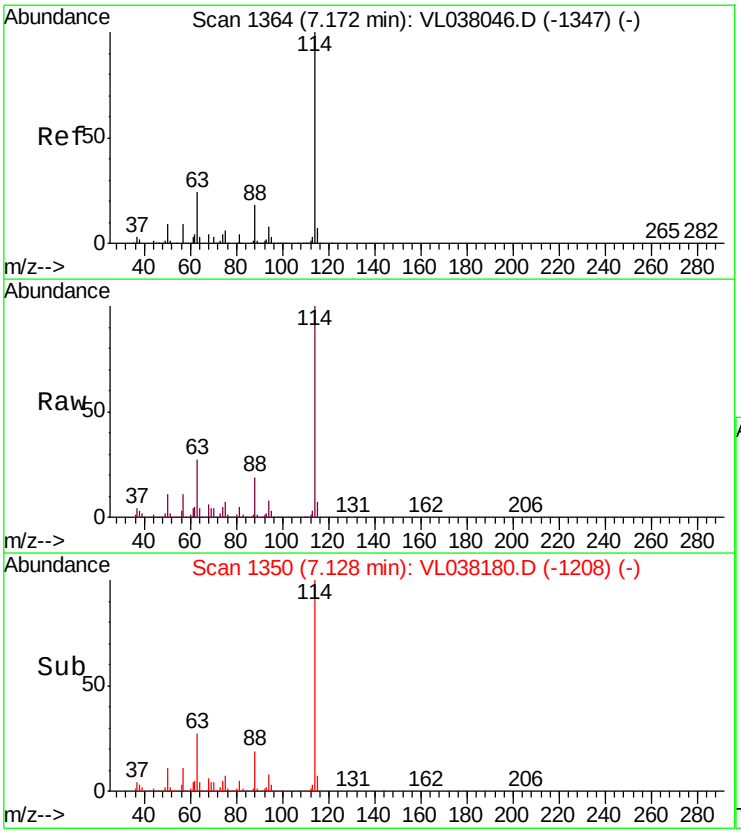
#26
Hexane
Concen: 0.117 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 15 Dec 2021 9:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 16275

Ion	Ratio	Lower	Upper
57	100		
41	0.0	71.4	107.2#
43	130.6	174.6	261.8#
56	0.0	43.2	64.8#

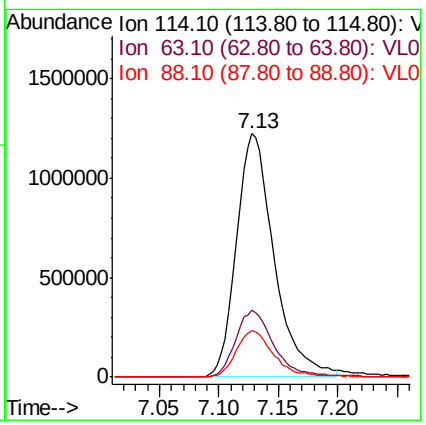


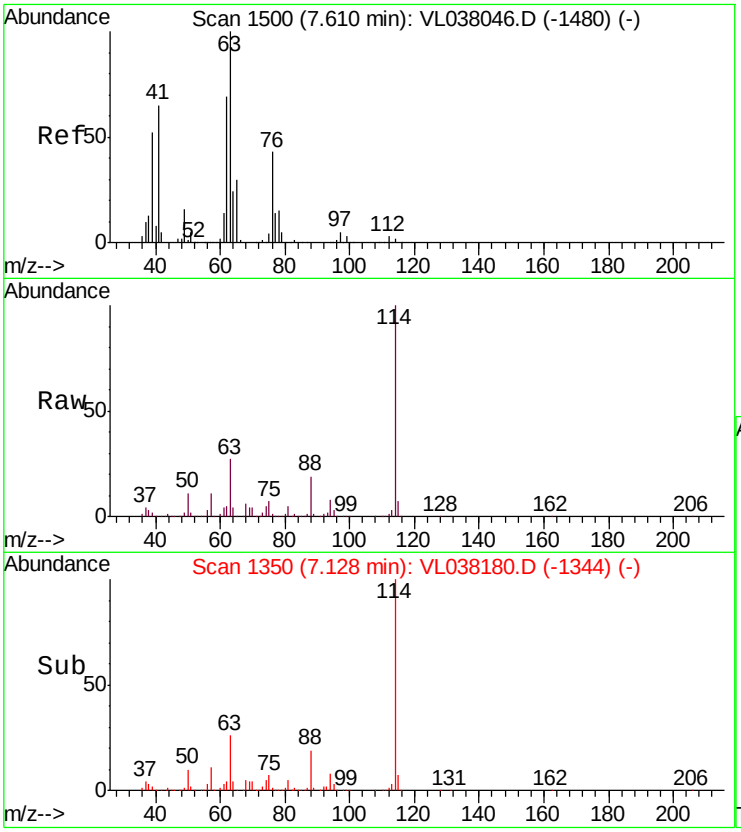


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. -0.04 min
Lab File: VL038180.D
Acq: 15 Dec 2021 9:01

Tgt Ion:114 Resp: 2688372

Ion	Ratio	Lower	Upper
114	100		
63	28.4	19.7	29.5
88	19.4	14.4	21.6



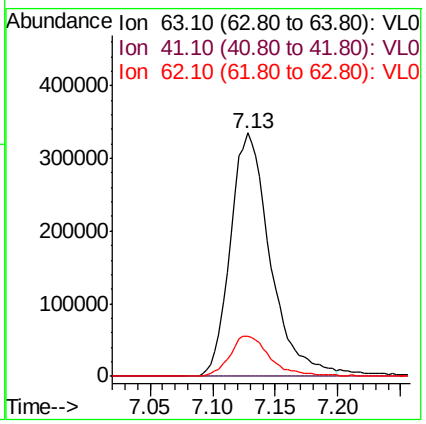


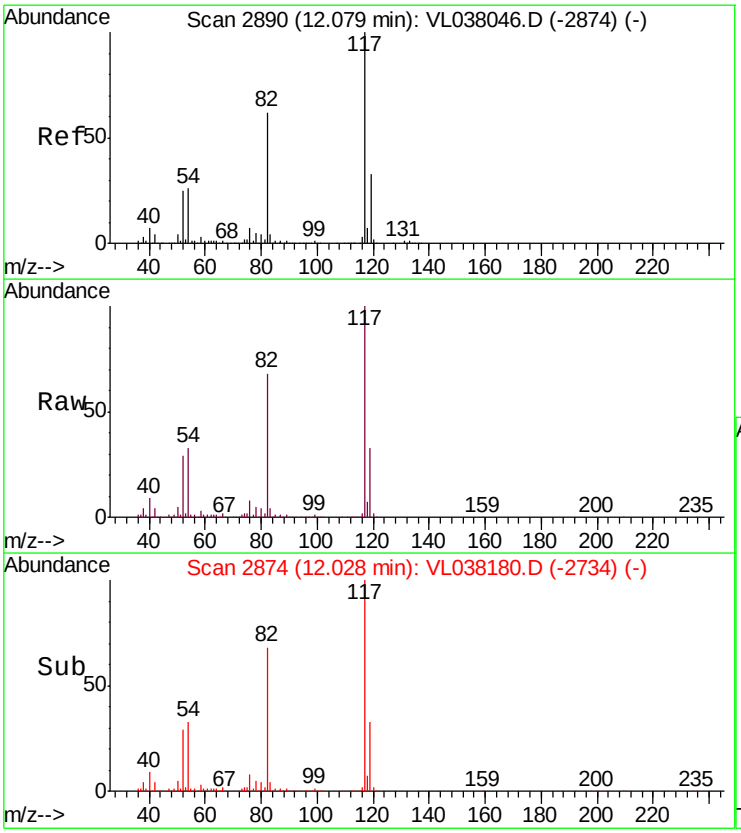
#39
1,2-Dichloropropane
Concen: 7.186 ppbv
RT: 7.13
Delta R.T
Lab File:
Acq: 15 Dec 2021 9:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 739228

Ion	Ratio	Lower	Upper
63	100		
41	0.0	52.3	78.5#
62	16.6	55.1	82.7#

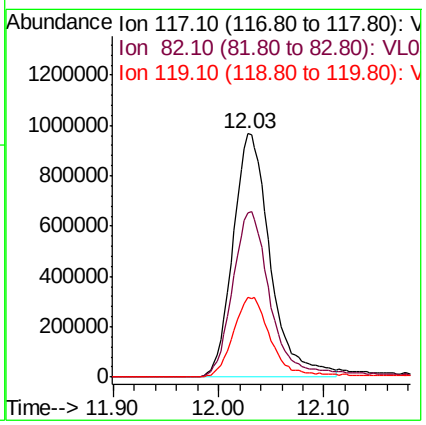


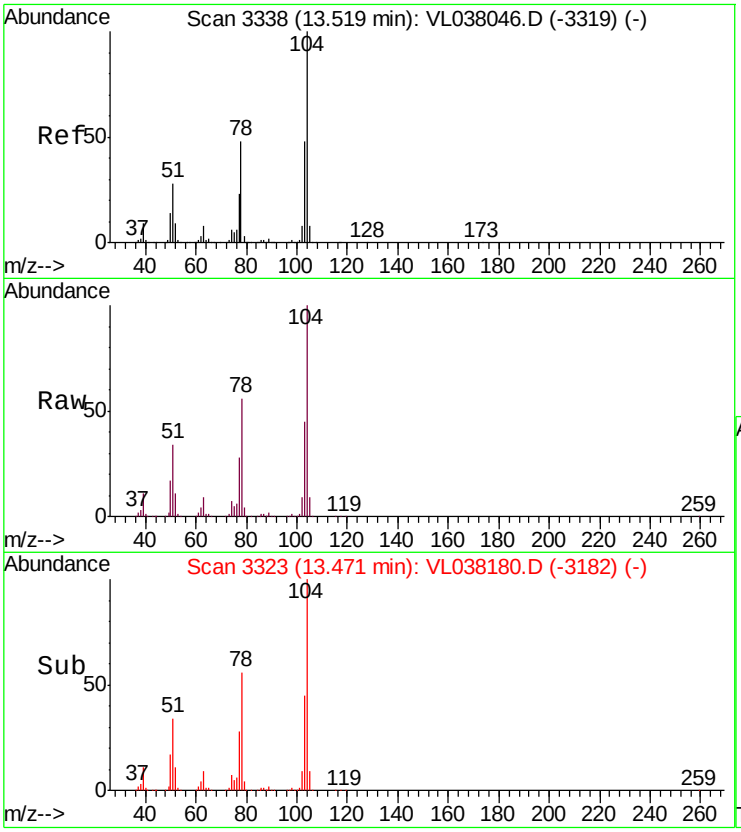


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.03 min Scan# 2874
Delta R.T. -0.05 min
Lab File: VL038180.D
Acq: 15 Dec 2021 9:01

Tgt Ion:117 Resp: 2371754

Ion	Ratio	Lower	Upper
117	100		
82	71.9	52.8	79.2
119	34.0	26.8	40.2



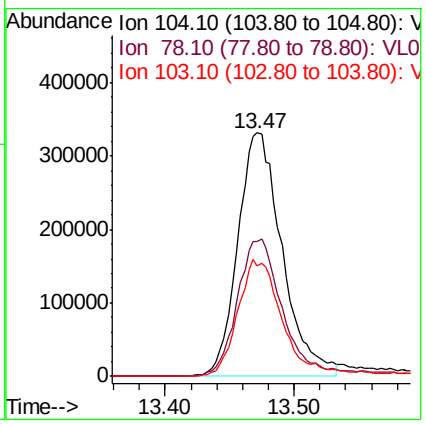


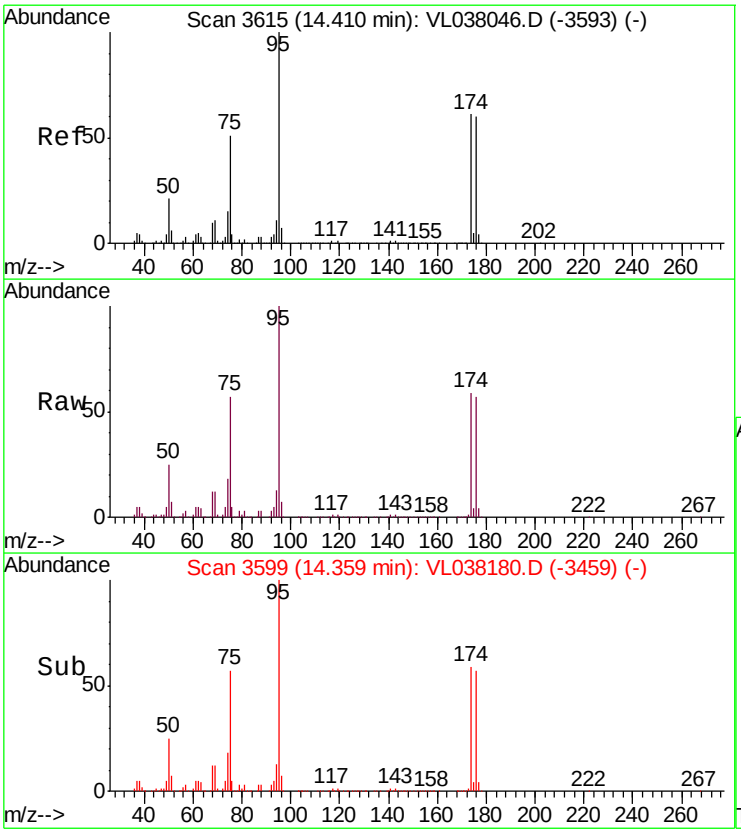
#61
Stvrene
Concen: 4.841 ppbv
RT: 13.47
Delta R.T
Lab File:
Acq: 15 Dec 2021 9:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:104 Resp: 794587

Ion	Ratio	Lower	Upper
104	100		
78	59.4	39.8	59.6
103	50.9	38.2	57.2





#68
1-Bromo-4-Fluorobenzene
Concen: 10.982 ppbv
RT: 14.36 min Scan# 3599
Delta R.T. -0.05 min
Lab File: VL038180.D
Acq: 15 Dec 2021 9:01

Tgt Ion: 95 Resp: 1878801

Ion	Ratio	Lower	Upper
95	100		
174	62.2	53.1	79.7
175	4.4	4.0	6.0