Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030322\
Data File : VL038519.D
Acq On : 3 Mar 2022 18:32
Operator : SY/AP
Sample : N1791-01DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA-9CDL

Quant Time: Mar 04 04:34:17 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	782001	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	1749881	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	1524882	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	1281989	10.16	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.05	85	9251	0.075	ppbv #	82
3) Chlorodifluoromethane	2.96	51	23851	0.173	ppbv #	66
4) Chloromethane	3.13	50	1712	0.036	ppbv	98
9) Propene	3.01	41	2759	0.061	ppbv #	16
13) Ethanol	3.59	45	362108	79.582	ppbv	89
15) Acetone	3.85	43	34654	0.521	ppbv #	54
19) Isopropyl Alcohol	3.96	45	17015	0.442	ppbv #	48
20) Methylene Chloride	4.33	84	21286	0.646	ppbv	90
25) Ethyl Acetate	5.67	43	8824	0.049	ppbv #	78
26) Hexane	5.67	57	12583	0.156	ppbv #	41
34) 2-Butanone	5.23	43	2437	0.044	ppbv #	48
39) 1,2-Dichloropropane	7.15	63	483801	7.885	ppbv #	26

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

Quantitation Report (Not Reviewed)

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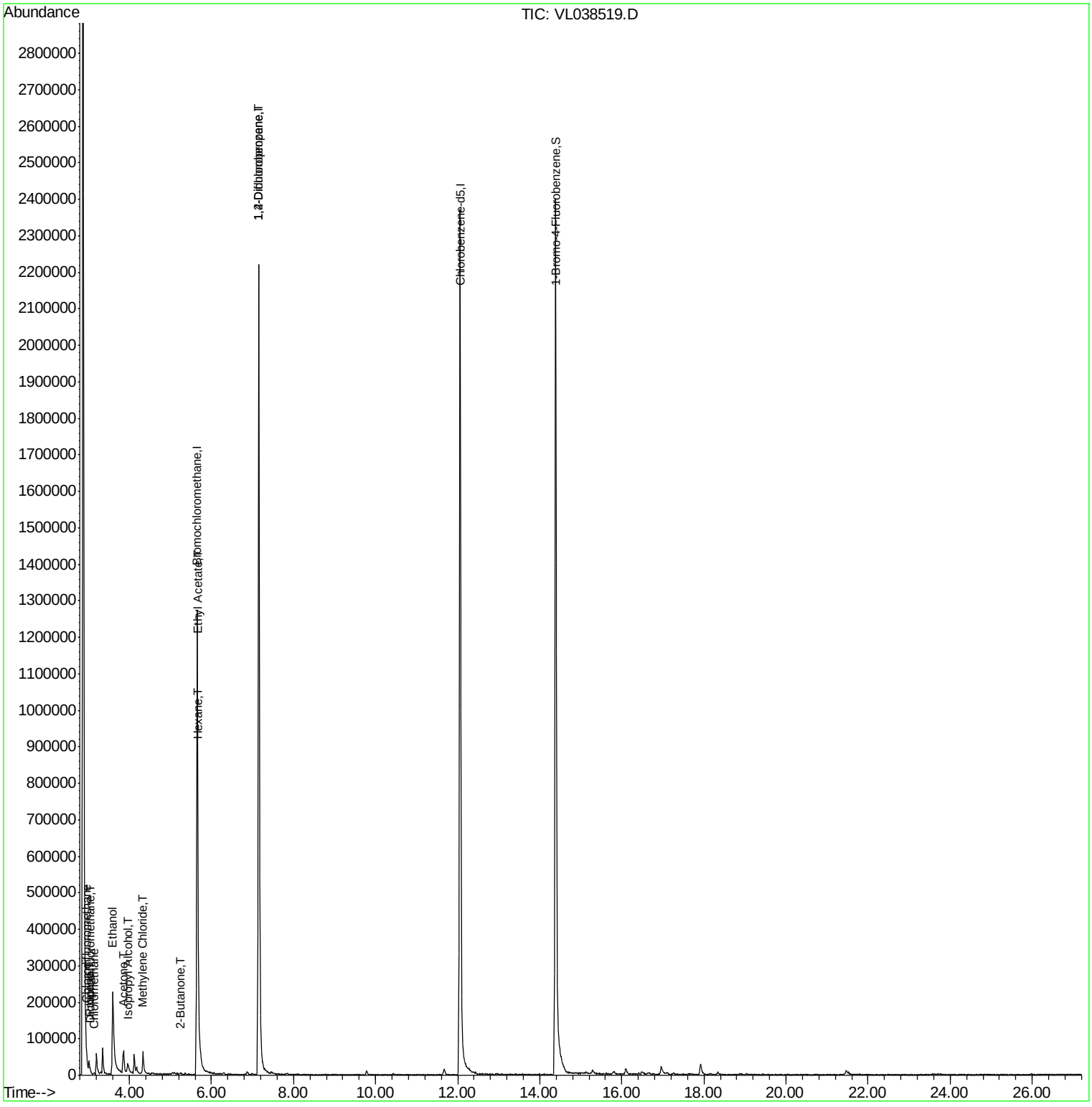
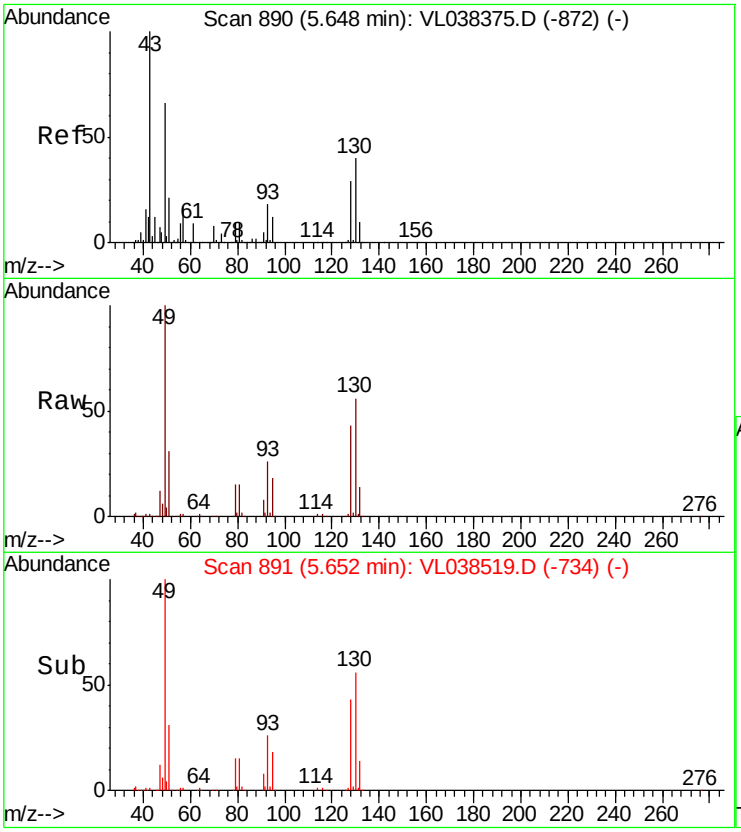


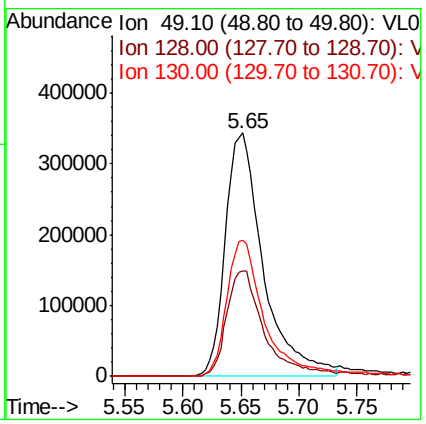


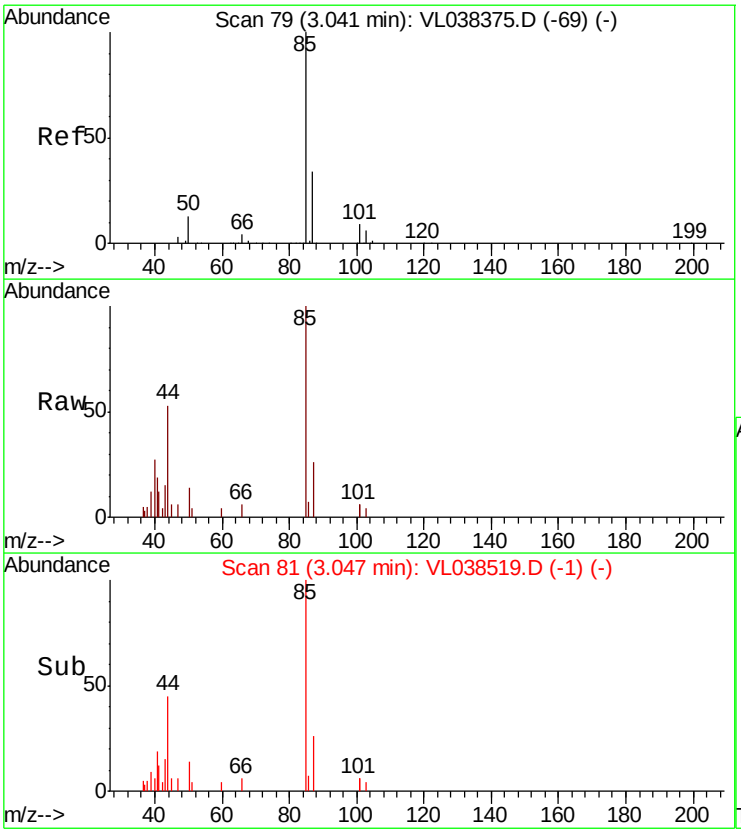
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 3 Mar 2022 18:32

Instrument :
MSVOA_L
ClientSampleId :
IA-9CDL

Tgt Ion: 49 Resp: 782001

Ion	Ratio	Lower	Upper
49	100		
128	44.9	24.3	72.9
130	57.8	30.1	90.5

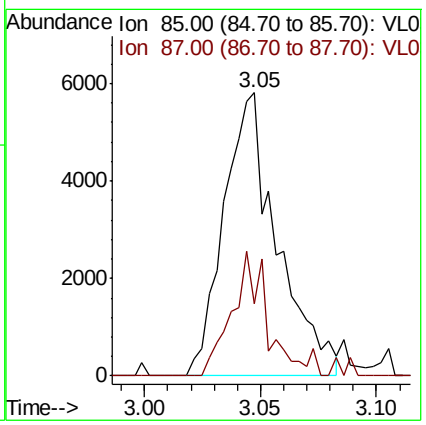


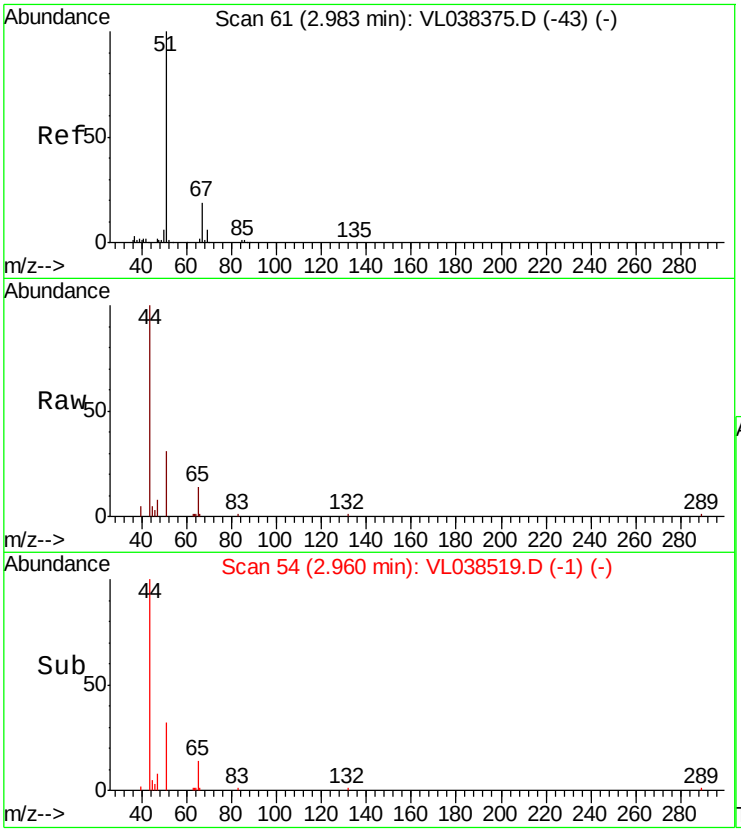


#2
Dichlorodifluoromethane
Concen: 0.075 ppbv
RT: 3.05 min Scan# 81
Delta R.T. 0.01 min
Lab File: VL038519.D
Acq: 3 Mar 2022 18:32

Tgt Ion: 85 Resp: 9251

Ion	Ratio	Lower	Upper
85	100		
87	23.9	27.4	41.0#



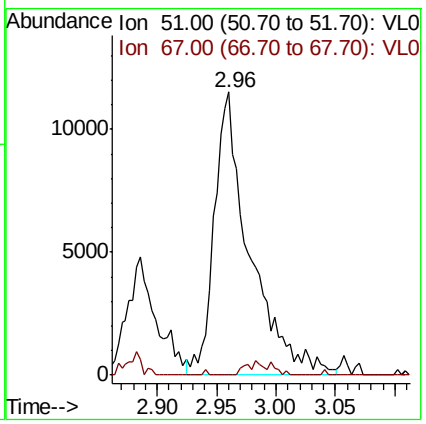


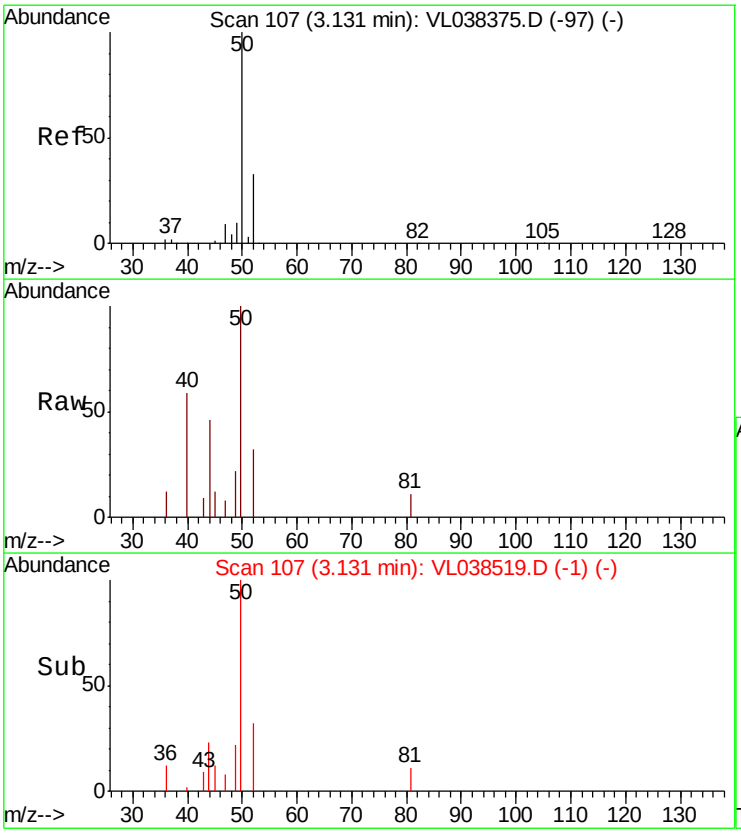
#3
Chlorodifluoromethane
Concen: 0.173 ppbv
RT: 2.96
Delta R.T
Lab File:
Acq: 3 Mar 2022 18:32

Instrument :
MSVOA_L
ClientSampleId :
IA-9CDL

Tgt Ion: 51 Resp: 23851

Ion	Ratio	Lower	Upper
51	100		
67	3.3	14.7	22.1#

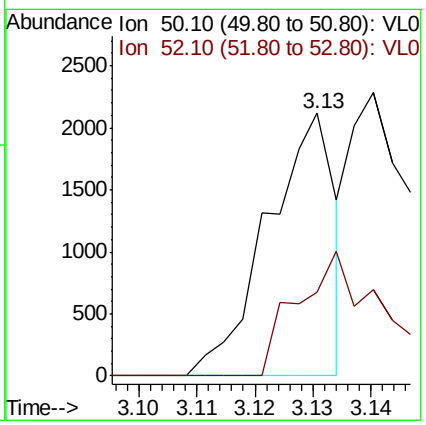


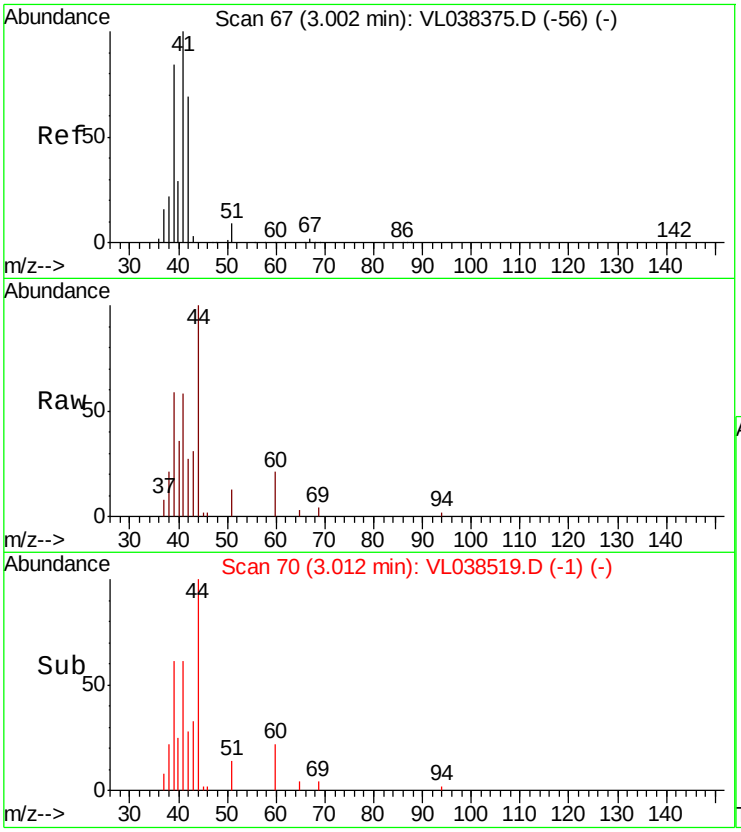


#4
Chloromethane
Concen: 0.036 ppbv
RT: 3.13 min Scan# 107
Delta R.T. 0.00 min
Lab File: VL038519.D
Acq: 3 Mar 2022 18:32

Tgt Ion: 50 Resp: 1712

Ion	Ratio	Lower	Upper
50	100		
52	31.8	26.5	39.7



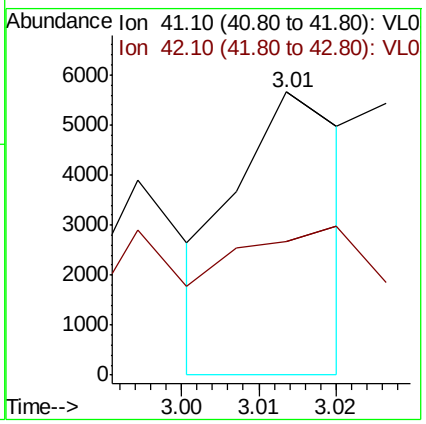


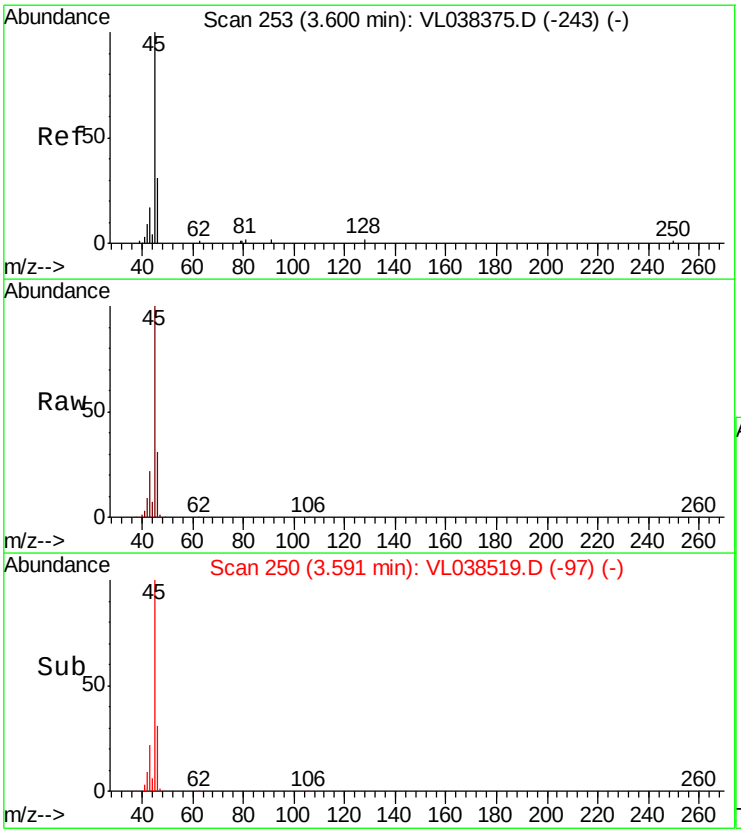
#9
Propene
Concen: 0.061 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 3 Mar 2022 18:32

Instrument :
MSVOA_L
ClientSampleId :
IA-9CDL

Tgt Ion: 41 Resp: 2759

Ion	Ratio	Lower	Upper
41	100		
42	0.0	54.6	82.0#

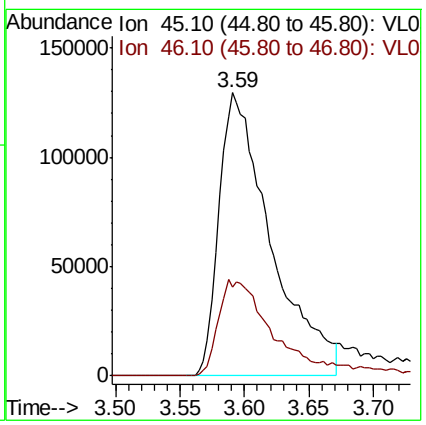


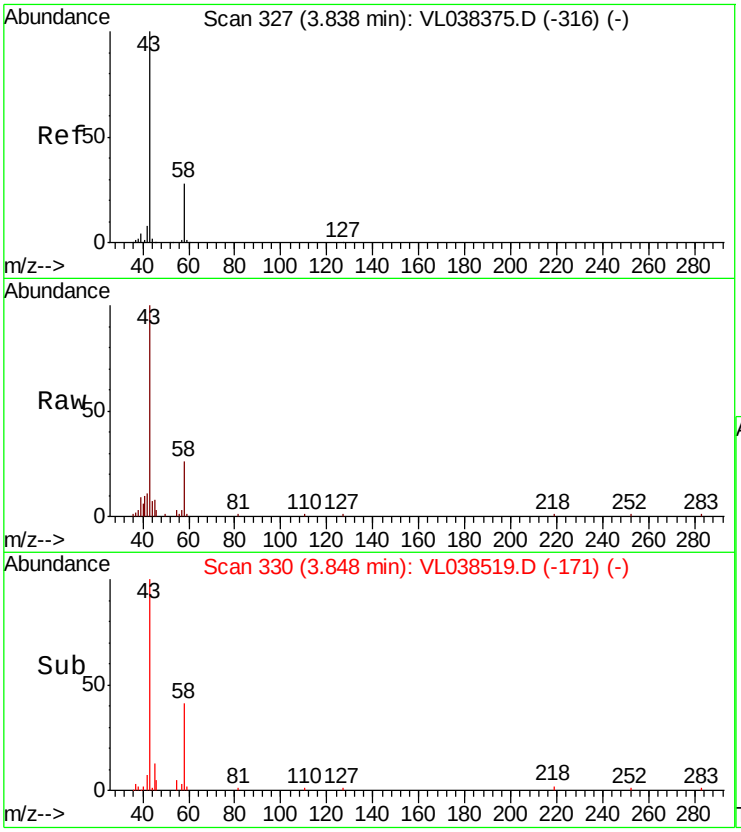


#13
Ethanol
Concen: 79.582 ppbv
RT: 3.59 min Scan# 250
Delta R.T. -0.01 min
Lab File: VL038519.D
Acq: 3 Mar 2022 18:32

Tgt Ion: 45 Resp: 362108

Ion	Ratio	Lower	Upper
45	100		
46	38.0	18.2	72.8



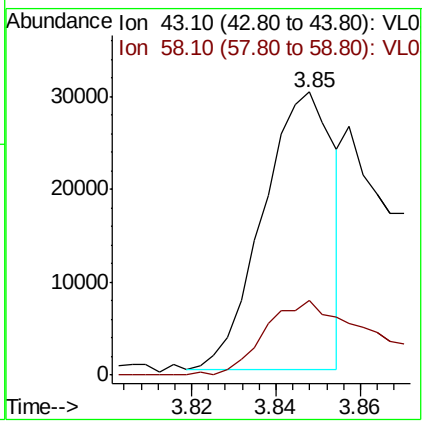


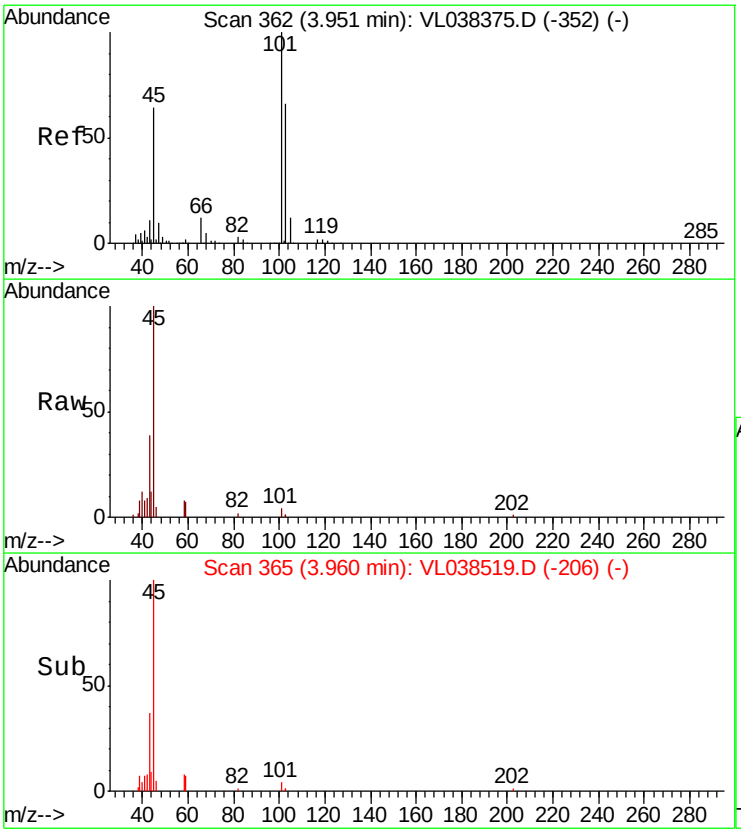
#15
Acetone
Concen: 0.521 ppbv
RT: 3.85
Delta R.T
Lab File:
Acq: 3 Mar 2022 18:32

Instrument :
MSVOA_L
ClientSampleId :
IA-9CDL

Tgt Ion: 43 Resp: 34654

Ion	Ratio	Lower	Upper
43	100		
58	50.9	21.7	32.5#

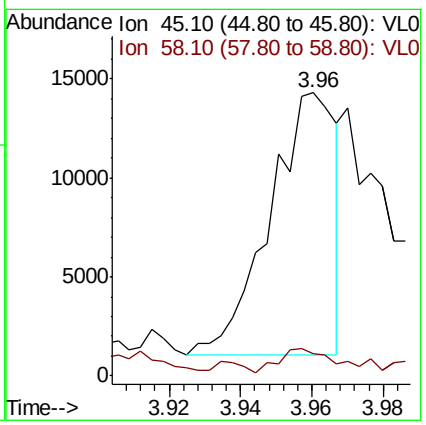


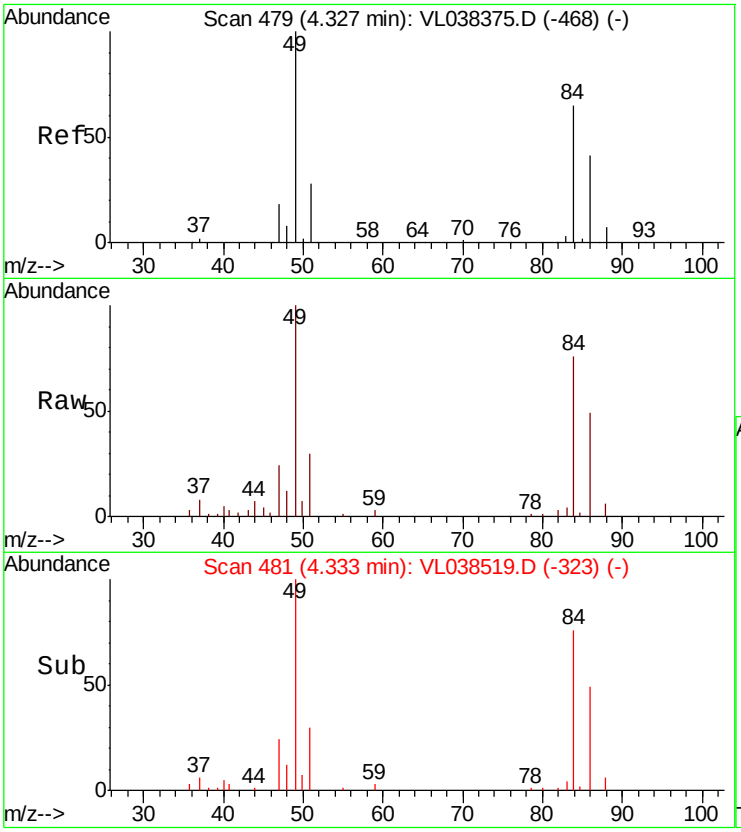


#19
Isopropyl Alcohol
Concen: 0.442 ppbv
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VL038519.D
Acq: 3 Mar 2022 18:32

Tgt Ion: 45 Resp: 17015

Ion	Ratio	Lower	Upper
45	100		
58	20.0	1.8	2.8#



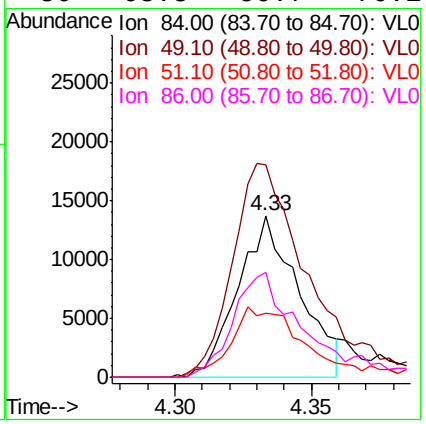


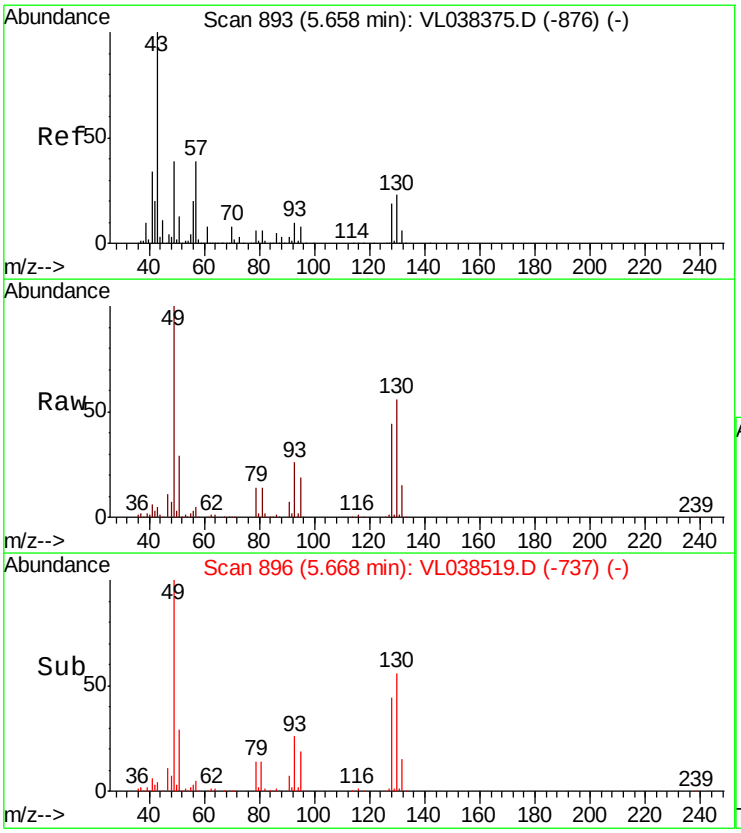
#20
Methylene Chloride
Concen: 0.646 ppbv
RT: 4.33
Delta R.T
Lab File:
Acq: 3 Mar 2022 18:32

Instrument :
MSVOA_L
ClientSampleId :
IA-9CDL

Tgt Ion: 84 Resp: 21286

Ion	Ratio	Lower	Upper
84	100		
49	134.7	122.4	183.6
51	36.3	33.3	49.9
86	63.3	50.7	76.1

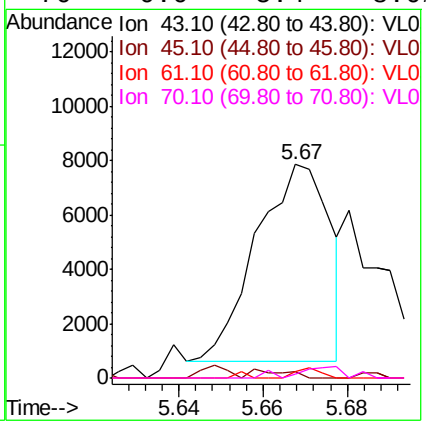


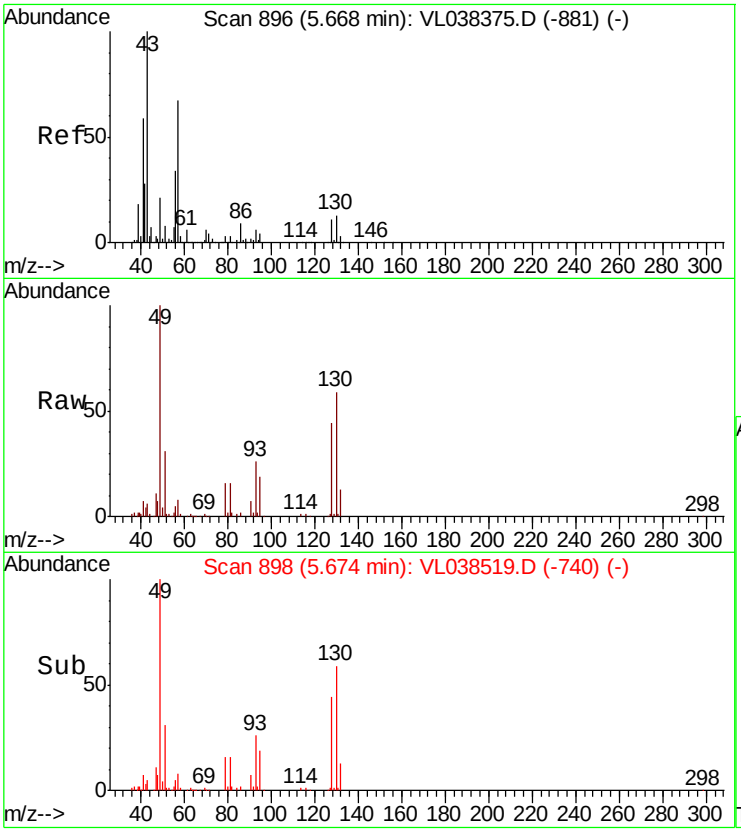


#25
Ethyl Acetate
Concen: 0.049 ppbv
RT: 5.67 min Scan# 896
Delta R.T. 0.01 min
Lab File: VL038519.D
Acq: 3 Mar 2022 18:32

Tgt Ion: 43 Resp: 8824

Ion	Ratio	Lower	Upper
43	100		
45	0.0	7.8	11.6#
61	2.3	7.5	11.3#
70	0.0	5.4	8.0#



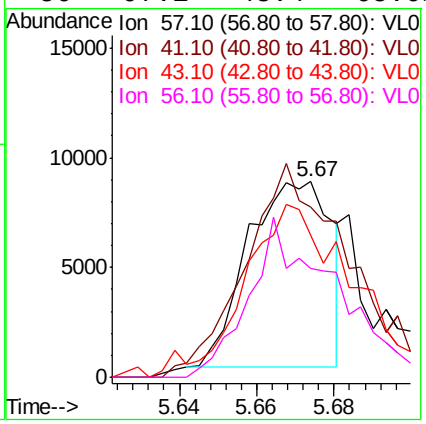


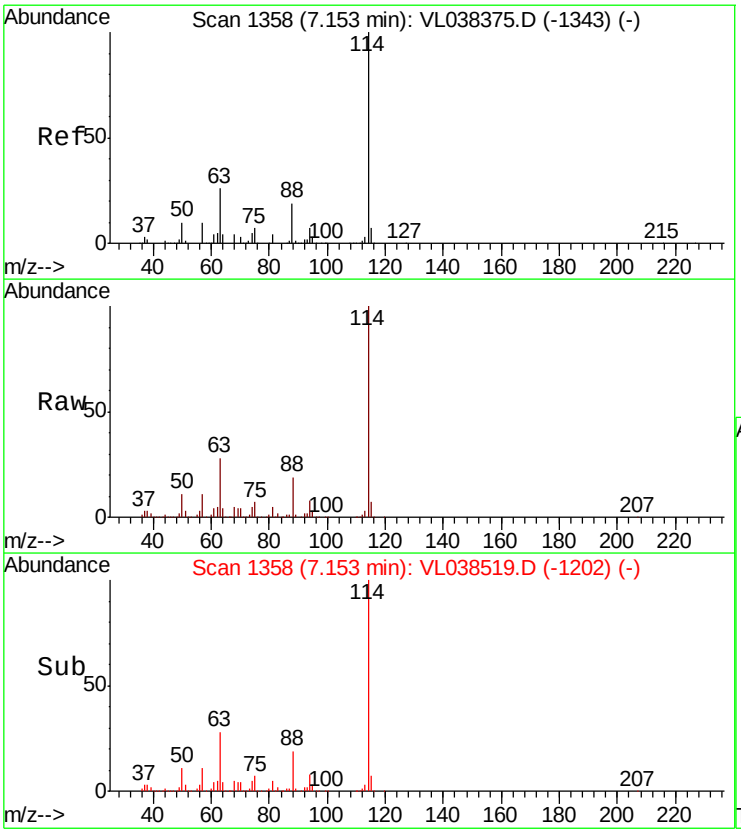
#26
Hexane
Concen: 0.156 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 3 Mar 2022 18:32

Instrument :
MSVOA_L
ClientSampleId :
IA-9CDL

Tgt Ion: 57 Resp: 12583

Ion	Ratio	Lower	Upper
57	100		
41	155.8	73.1	109.7#
43	136.3	181.0	271.4#
56	97.1	43.4	65.0#

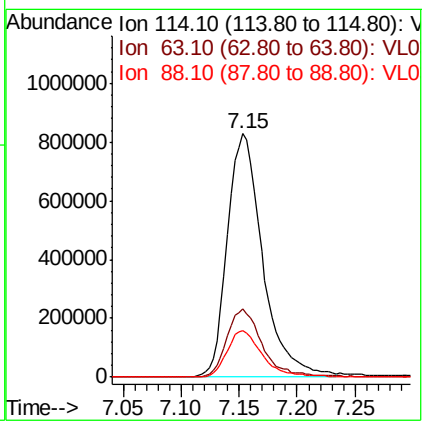


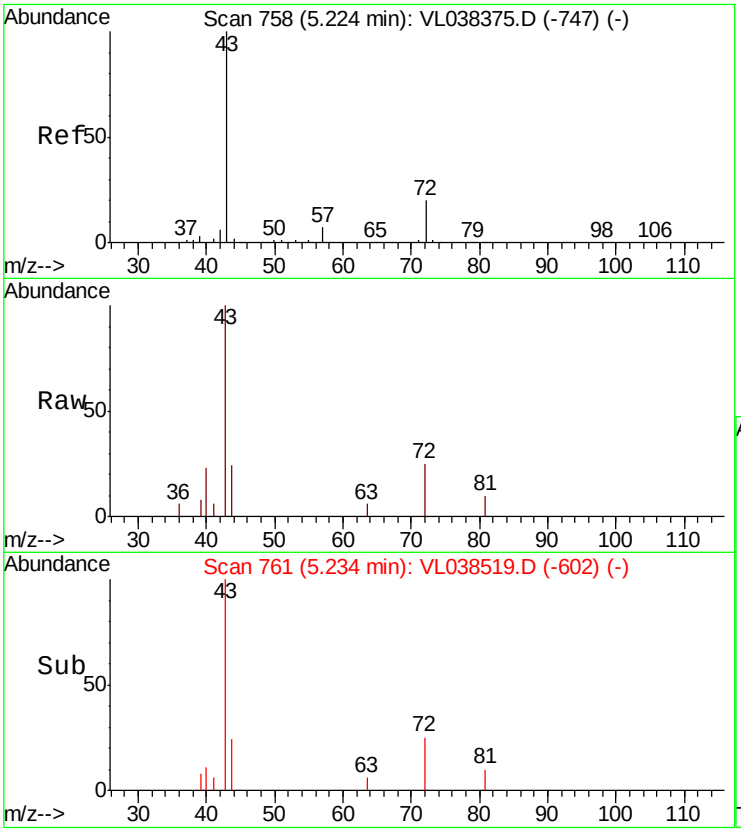


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1358
Delta R.T. 0.00 min
Lab File: VL038519.D
Acq: 3 Mar 2022 18:32

Tgt Ion:114 Resp: 1749881

Ion	Ratio	Lower	Upper
114	100		
63	28.3	22.2	33.2
88	19.4	15.2	22.8



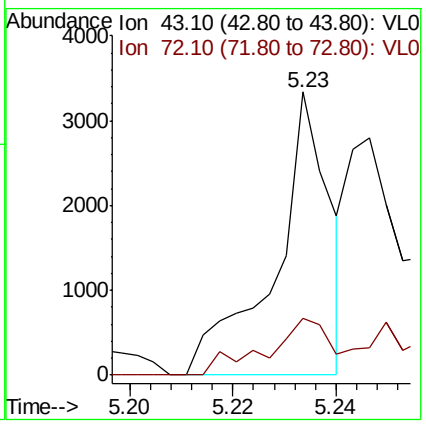


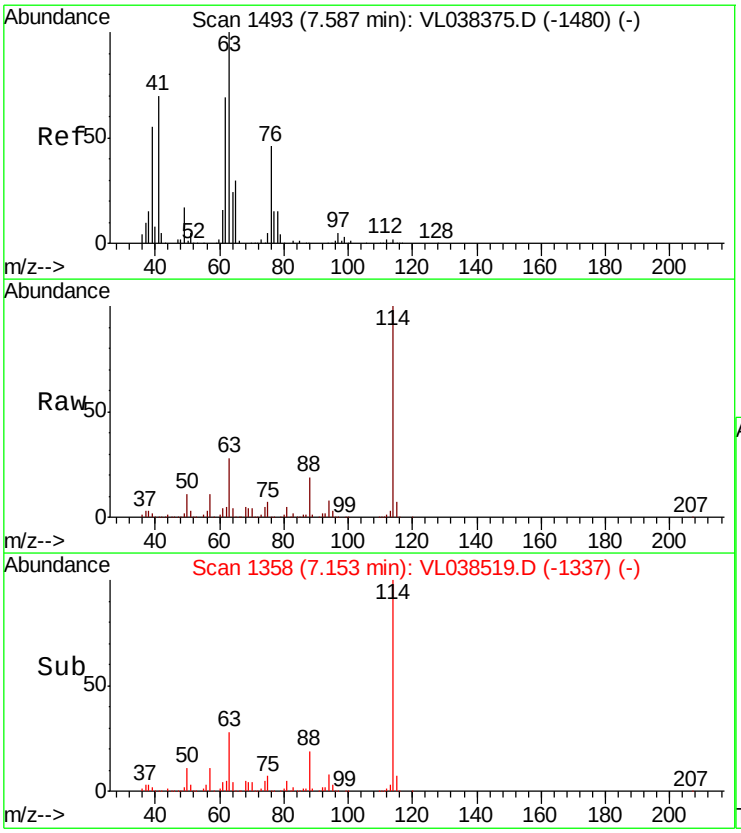
#34
2-Butanone
Concen: 0.044 ppbv
RT: 5.23
Delta R.T
Lab File:
Acq: 3 Mar 2022 18:32

Instrument :
MSVOA_L
ClientSampleId :
IA-9CDL

Tgt Ion: 43 Resp: 2437

Ion	Ratio	Lower	Upper
43	100		
72	46.7	17.4	26.2#

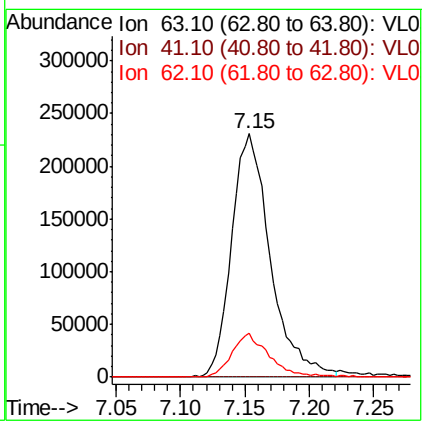


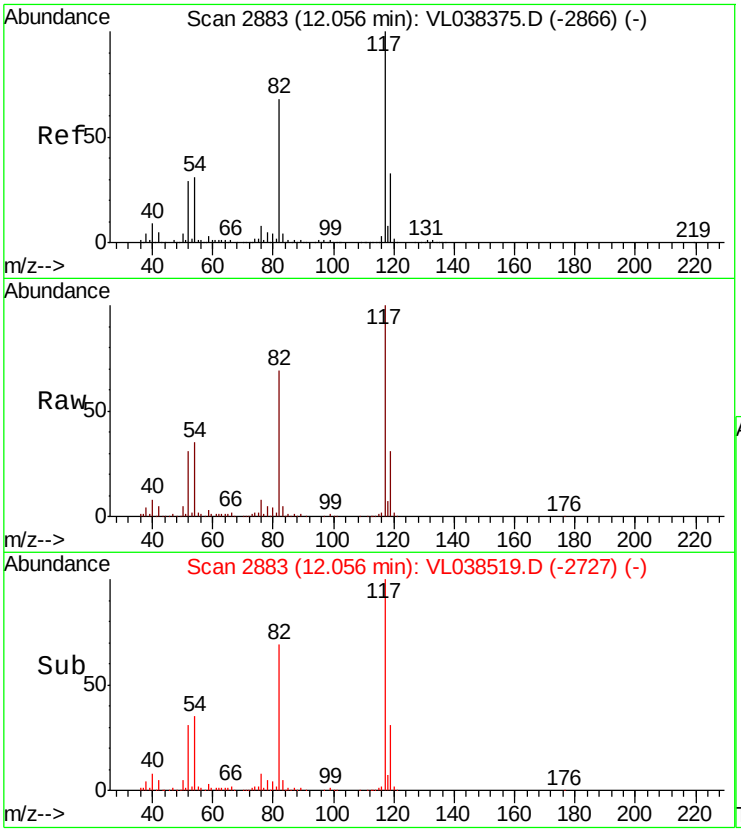


#39
1,2-Dichloropropane
Concen: 7.885 ppbv
RT: 7.15 min Scan# 1358
Delta R.T. -0.43 min
Lab File: VL038519.D
Acq: 3 Mar 2022 18:32

Tgt Ion: 63 Resp: 483801

Ion	Ratio	Lower	Upper
63	100		
41	0.0	56.1	84.1#
62	17.9	55.5	83.3#



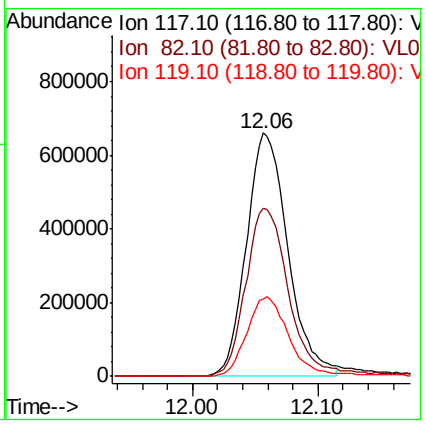


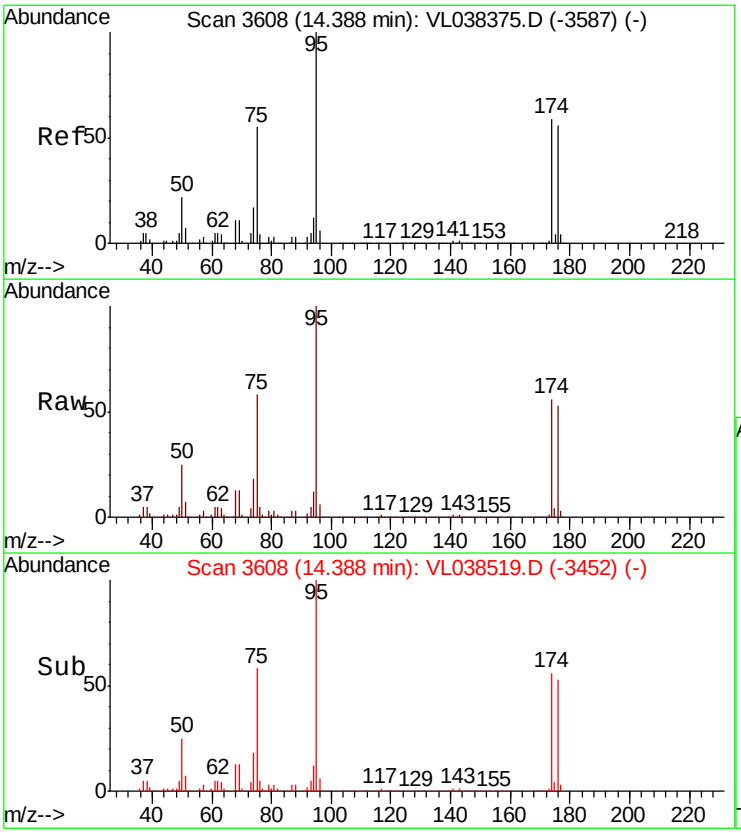
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06
Delta R.T
Lab File:
Acq: 3 Mar 2022 18:32

Instrument :
MSVOA_L
ClientSampleId :
IA-9CDL

Tgt Ion:117 Resp: 1524882

Ion	Ratio	Lower	Upper
117	100		
82	73.4	54.9	82.3
119	33.7	46.1	69.1#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.161 ppbv
RT: 14.39 min Scan# 3608
Delta R.T. 0.00 min
Lab File: VL038519.D
Acq: 3 Mar 2022 18:32

Tgt Ion: 95 Resp: 1281989

Ion	Ratio	Lower	Upper
95	100		
174	59.5	49.0	73.4
175	4.3	3.6	5.4