Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070522\
Data File : VL039430.D
Acq On : 5 Jul 2022 22:19
Operator : SY/AP
Sample : N3560-03DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : OA1DL

Quant Time: Jul 06 02:37:11 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 06 02:15:38 2022
QLast Update : Wed Jul 06 02:15:38 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1108609	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.18	114	3223663	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.09	117	2761467	10.00	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2033939	9.93	ppbv	0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.06	85	9913	0.062	ppbv	95
9) Propene	3.03	41	10291	0.162	ppbv	96
13) Ethanol	3.62	45	3693	1.002	ppbv #	9
15) Acetone	3.87	43	24596	0.188	ppbv #	49
20) Methylene Chloride	4.35	84	24942	0.477	ppbv #	90
26) Hexane	5.70	57	12673	0.117	ppbv #	44
39) 1,2-Dichloropropane	7.18	63	774061	8.305	ppbv #	25

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

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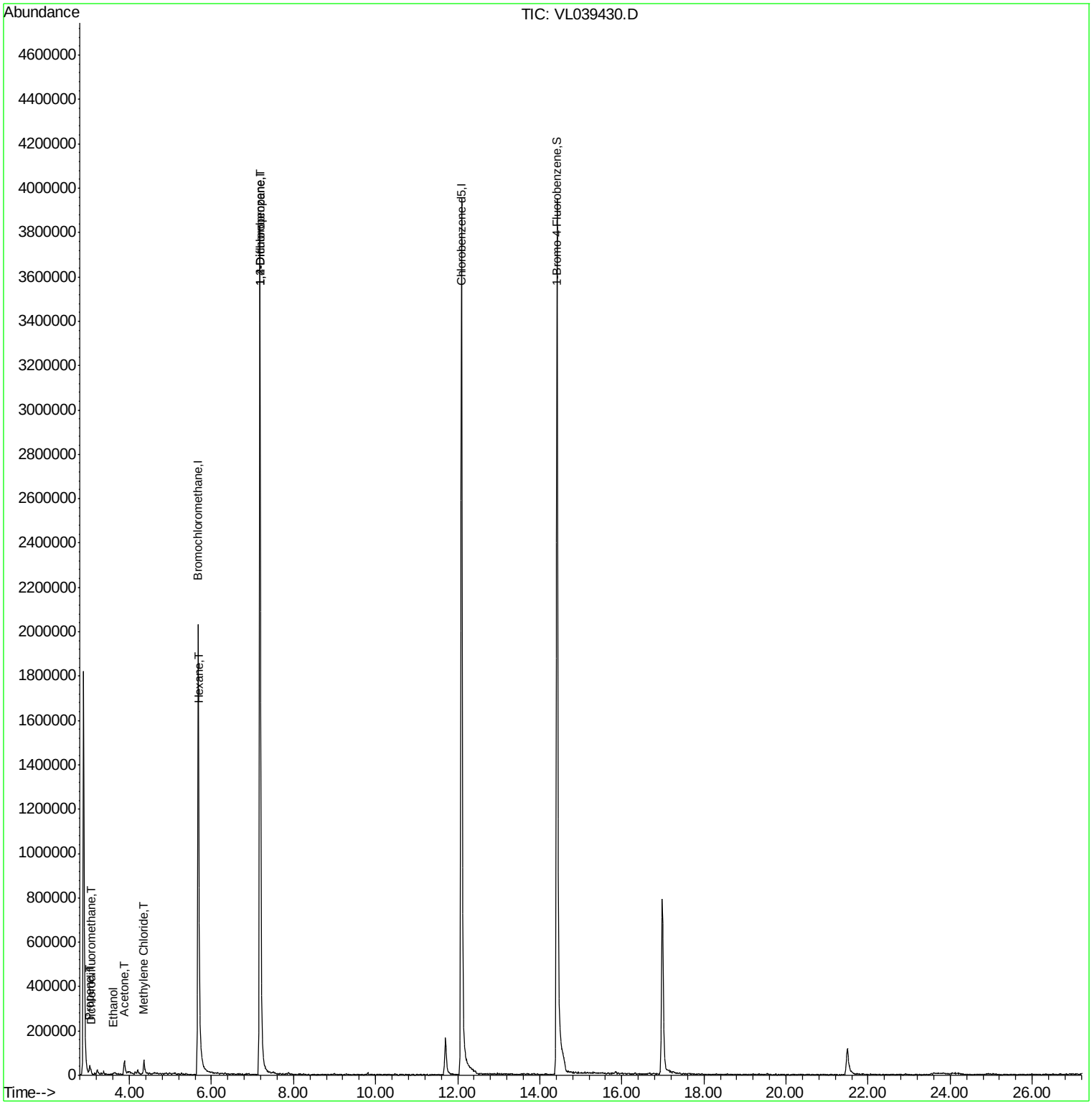
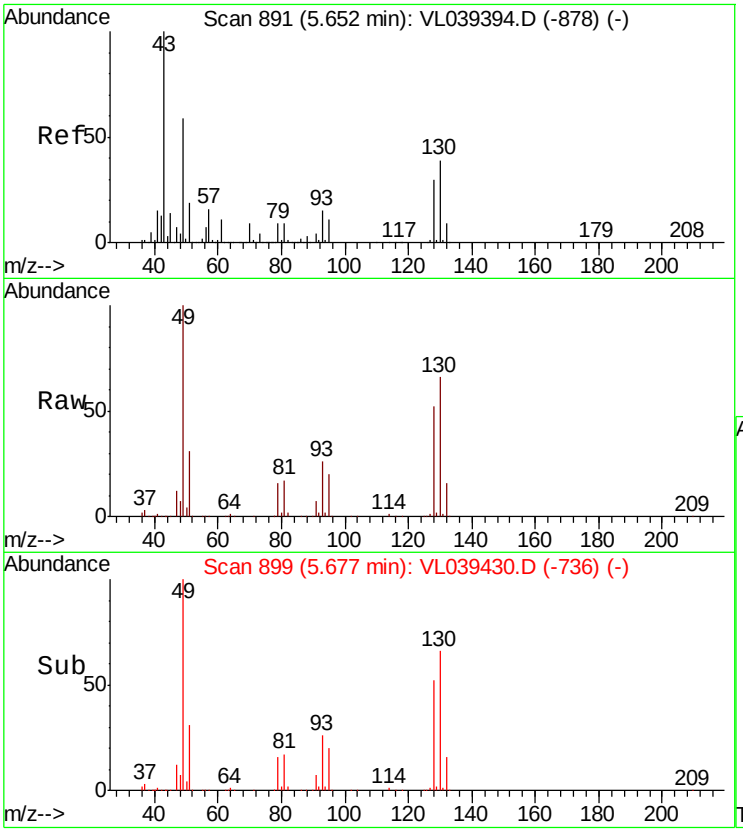


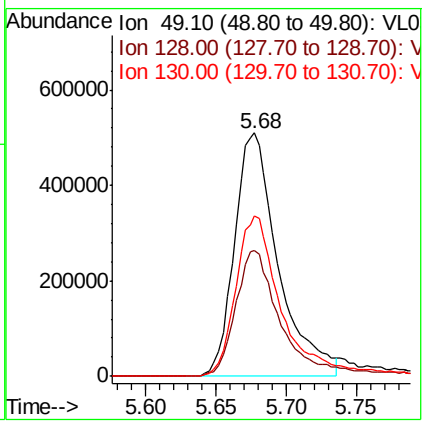


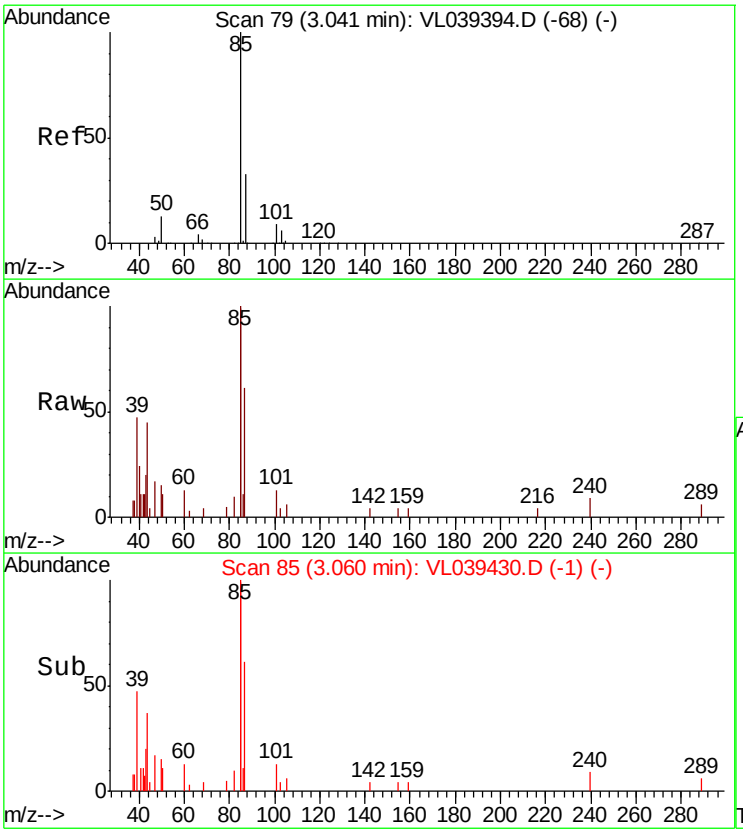
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 5 Jul 2022 22:19

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 49 Resp: 1108609

Ion	Ratio	Lower	Upper
49	100		
128	56.4	26.7	80.0
130	71.8	34.3	102.8

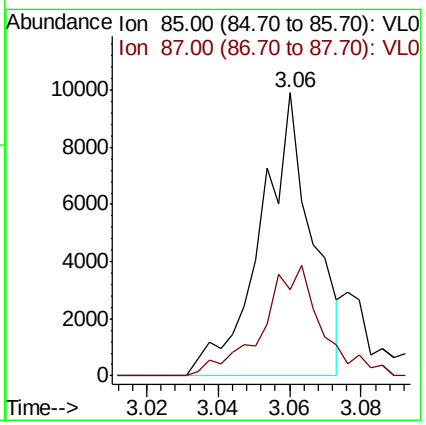


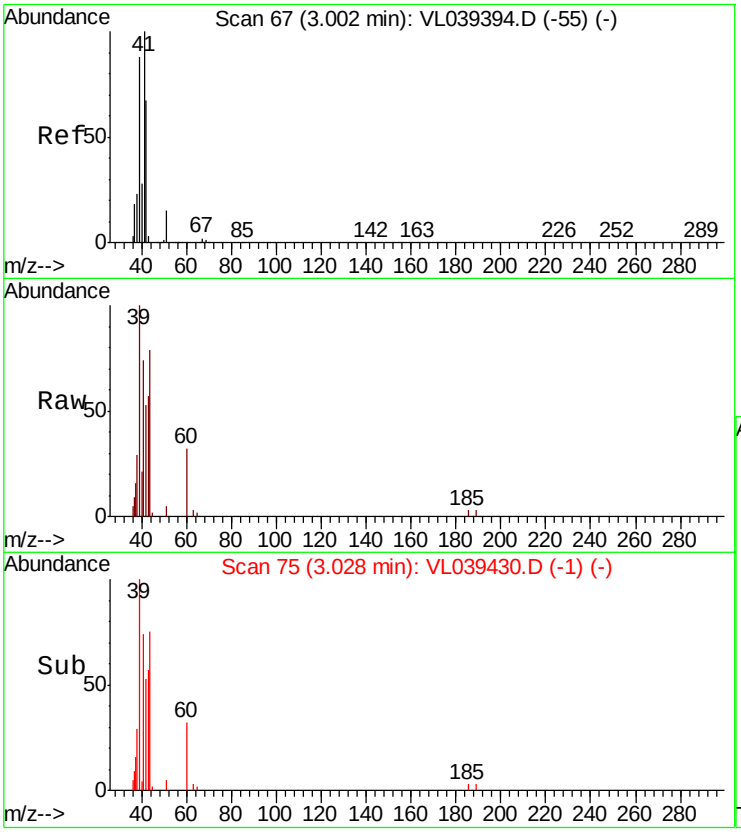


#2
Dichlorodifluoromethane
Concen: 0.062 ppbv
RT: 3.06 min Scan# 85
Delta R.T. 0.02 min
Lab File: VL039430.D
Acq: 5 Jul 2022 22:19

Tgt Ion: 85 Resp: 9913

Ion	Ratio	Lower	Upper
85	100		
87	30.6	26.7	40.1



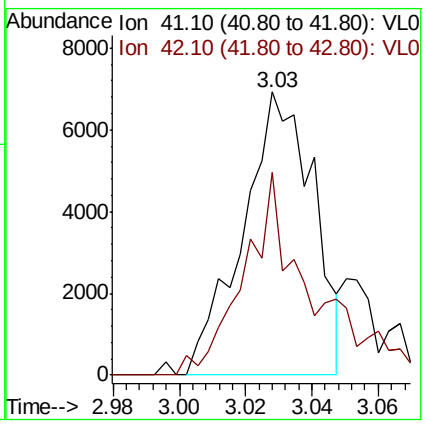


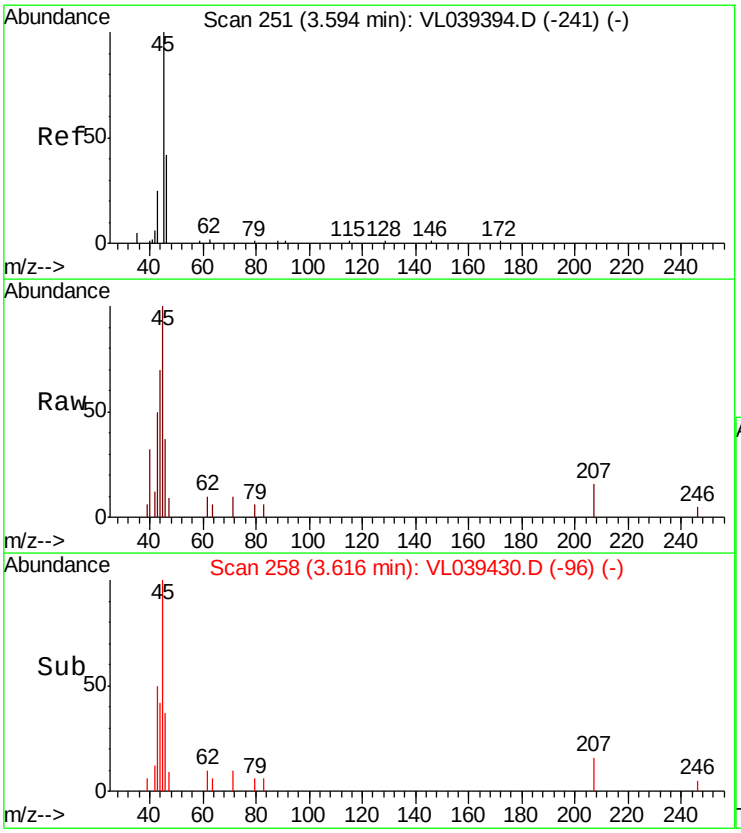
#9
Propene
Concen: 0.162 ppbv
RT: 3.03
Delta R.T
Lab File:
Acq: 5 Jul 2022 22:19

Instrument : MSVOA_L
ClientSampleId : OA1DL

Tgt Ion: 41 Resp: 10291

Ion	Ratio	Lower	Upper
41	100		
42	72.1	55.2	82.8

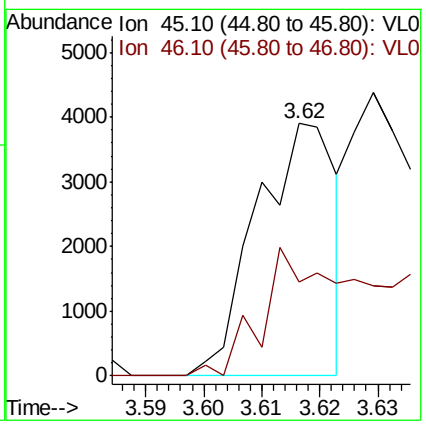


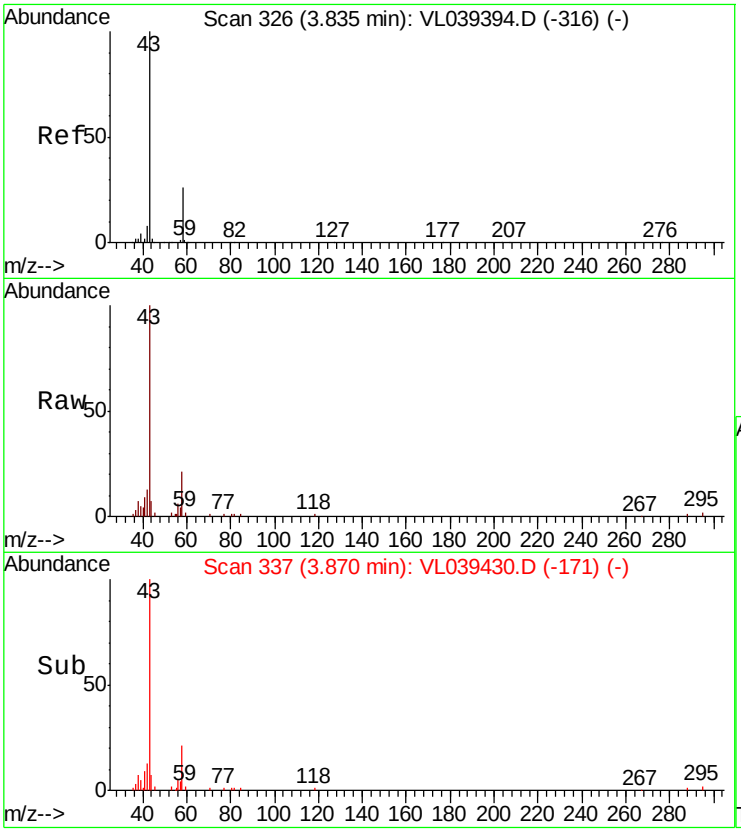


#13
Ethanol
Concen: 1.002 ppbv
RT: 3.62 min Scan# 258
Delta R.T. 0.02 min
Lab File: VL039430.D
Acq: 5 Jul 2022 22:19

Tgt Ion: 45 Resp: 3693

Ion	Ratio	Lower	Upper
45	100		
46	124.0	22.8	91.2#



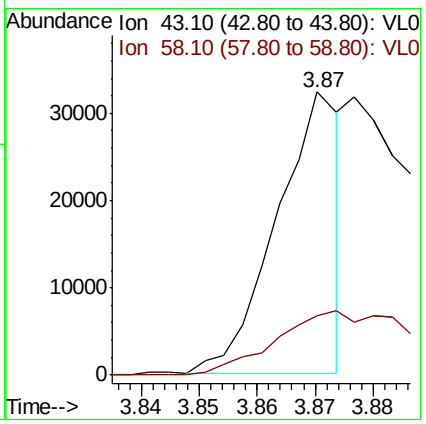


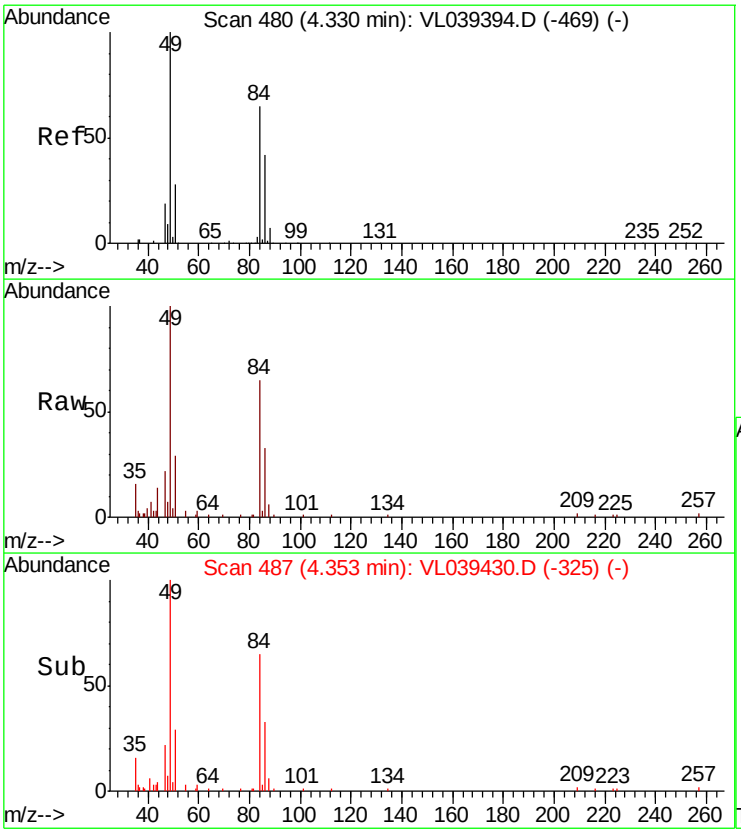
#15
Acetone
Concen: 0.188 ppbv
RT: 3.87
Delta R.T
Lab File:
Acq: 5 Jul 2022 22:19

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 43 Resp: 24596

Ion	Ratio	Lower	Upper
43	100		
58	0.0	21.0	31.6#

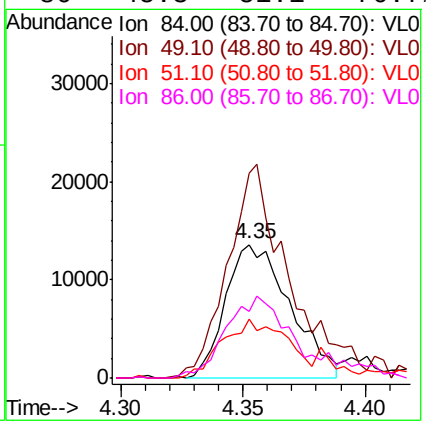


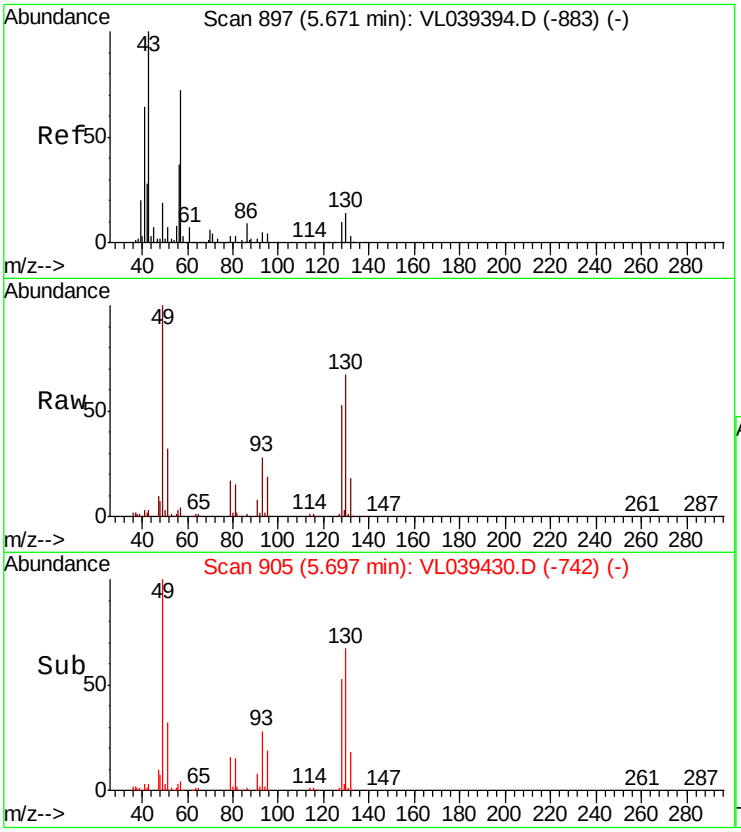


#20
Methylene Chloride
Concen: 0.477 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.02 min
Lab File: VL039430.D
Acq: 5 Jul 2022 22:19

Tgt Ion: 84 Resp: 24942

Ion	Ratio	Lower	Upper
84	100		
49	145.6	123.1	184.7
51	41.9	34.4	51.6
86	45.3	51.1	76.7#



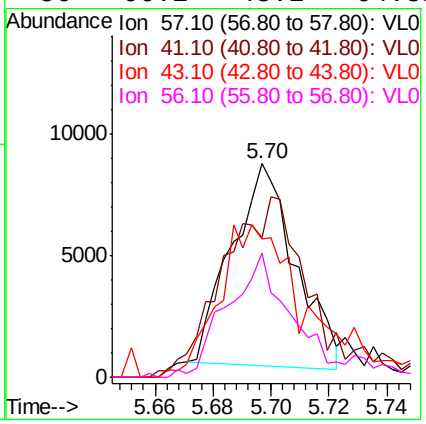


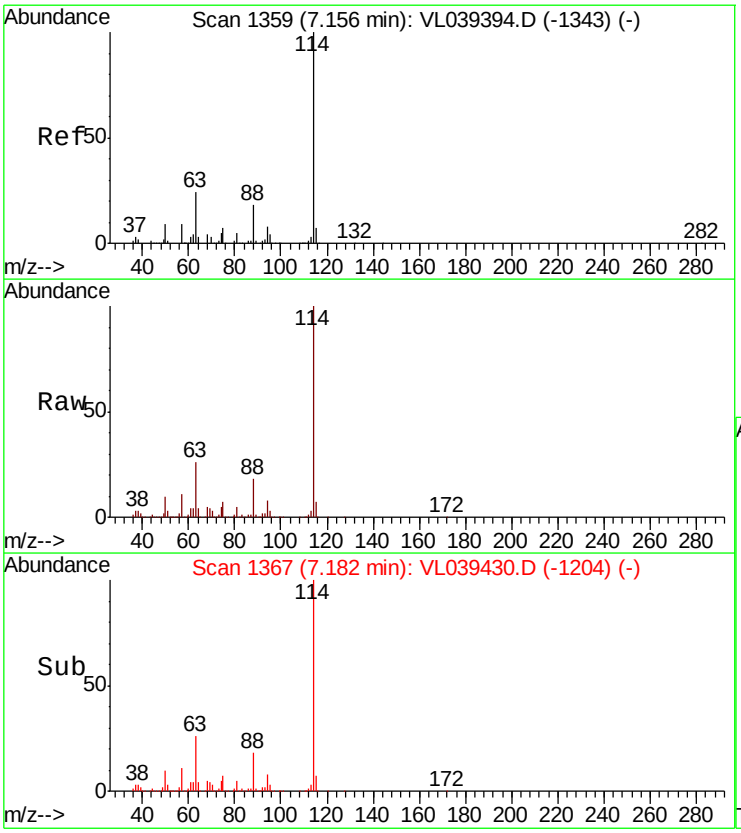
#26
Hexane
Concen: 0.117 ppbv
RT: 5.70
Delta R.T
Lab File:
Acq: 5 Jul 2022 22:19

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 57 Resp: 12673

Ion	Ratio	Lower	Upper
57	100		
41	121.9	76.9	115.3#
43	107.7	191.0	286.6#
56	66.2	43.2	64.8#

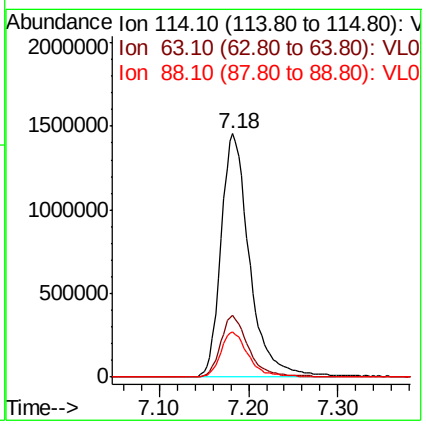


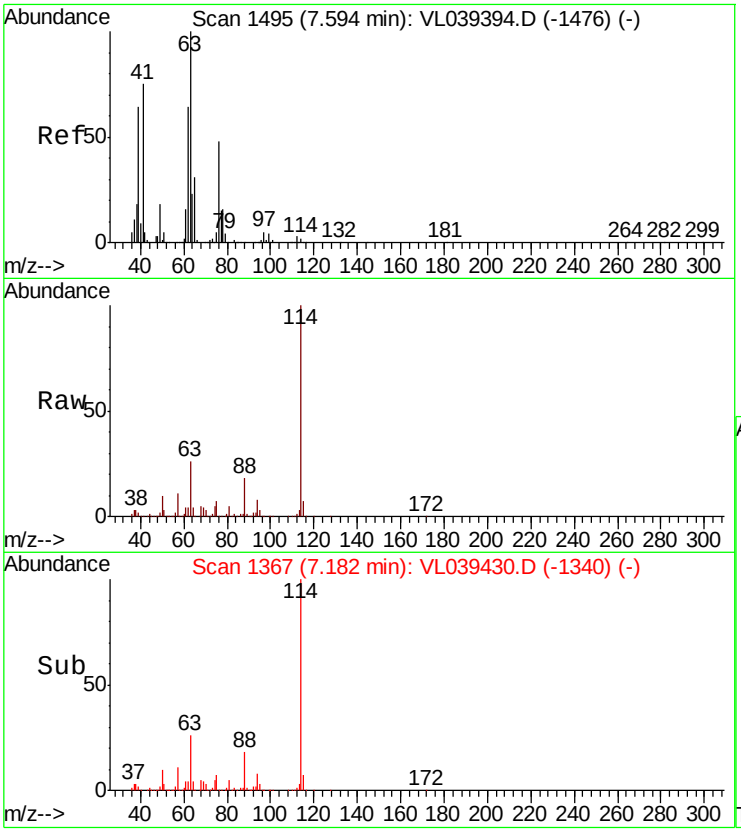


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. 0.03 min
Lab File: VL039430.D
Acq: 5 Jul 2022 22:19

Tgt Ion:114 Resp: 3223663

Ion	Ratio	Lower	Upper
114	100		
63	25.3	20.2	30.4
88	18.3	14.5	21.7



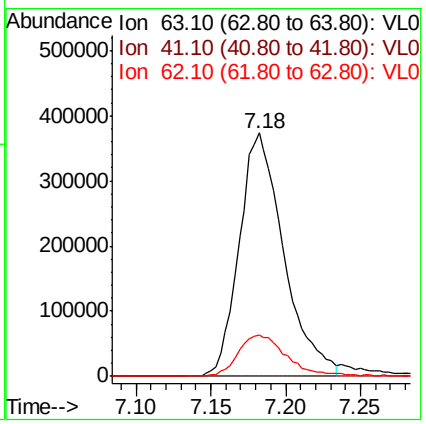


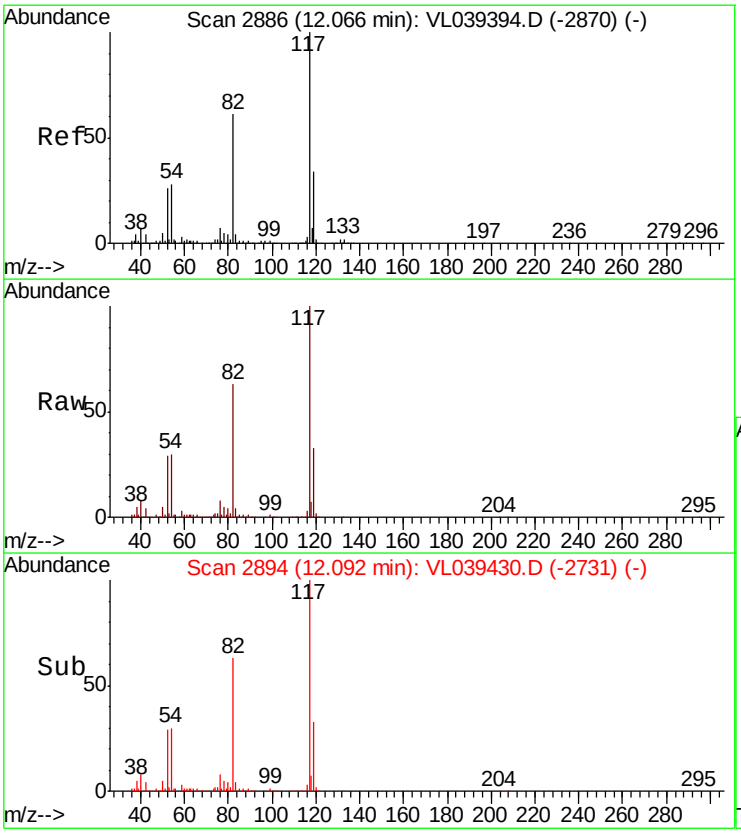
#39
1,2-Dichloropropane
Concen: 8.305 ppbv
RT: 7.18
Delta R.T
Lab File:
Acq: 5 Jul 2022 22:19

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 63 Resp: 774061

Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.6	89.4#
62	17.1	51.4	77.0#

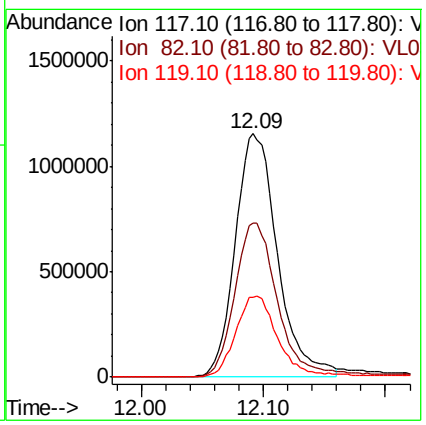


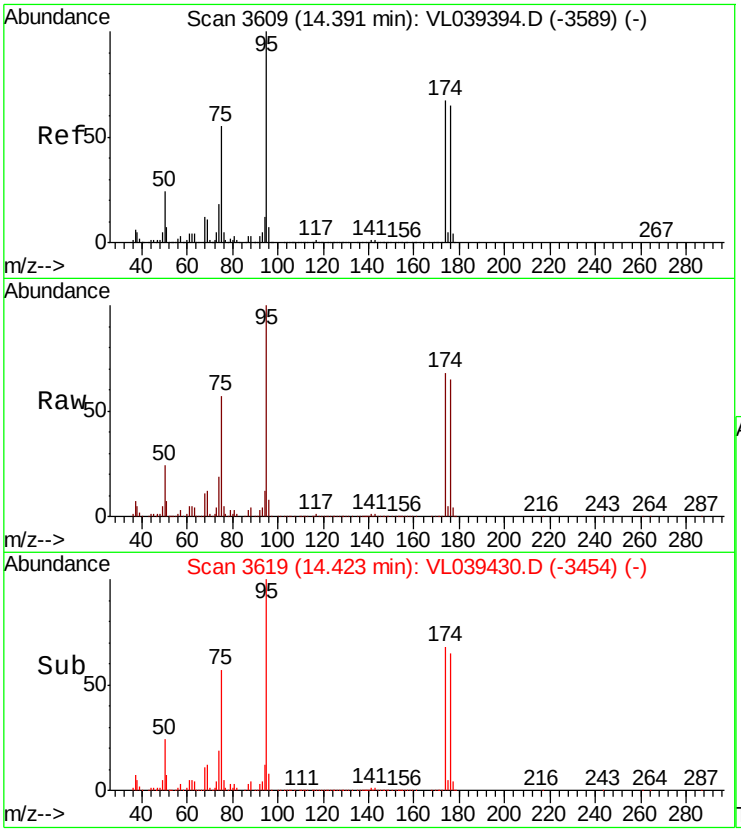


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2894
Delta R.T. 0.03 min
Lab File: VL039430.D
Acq: 5 Jul 2022 22:19

Tgt Ion:117 Resp: 2761467

Ion	Ratio	Lower	Upper
117	100		
82	66.8	50.8	76.2
119	34.5	24.1	36.1





#68
1-Bromo-4-Fluorobenzene
Concen: 9.928 ppbv
RT: 14.42
Delta R.T
Lab File:
Acq: 5 Jul 2022 22:19

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 95 Resp: 2033939

Ion	Ratio	Lower	Upper
95	100		
174	71.7	55.9	83.9
175	5.1	4.2	6.4