Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL082522\
Data File : VL039584.D
Acq On : 25 Aug 2022 19:02
Operator : SY/AP
Sample : N3980-15 0.40
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

Quant Time: Aug 26 07:23:18 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Aug 26 06:05:16 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.20	49	938340	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	6.66	114	2462124	10.00	ppbv	0.00
55) Chlorobenzene-d5	11.47	117	2100818	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.78	95	1539227	9.71	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.10%			
Target Compounds						Qvalue
9) Propene	2.72	41	6073	0.119	ppbv	87
13) Ethanol	3.28	45	2188	0.595	ppbv #	23
20) Methylene Chloride	3.95	84	60974	1.428	ppbv #	90
23) Vinyl Acetate	4.64	43	1562	0.031	ppbv #	15
25) Ethyl Acetate	5.22	43	10845	0.048	ppbv #	77
26) Hexane	5.22	57	30393	0.331	ppbv #	38
39) 1,2-Dichloropropane	6.66	63	587715	8.329	ppbv #	25

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

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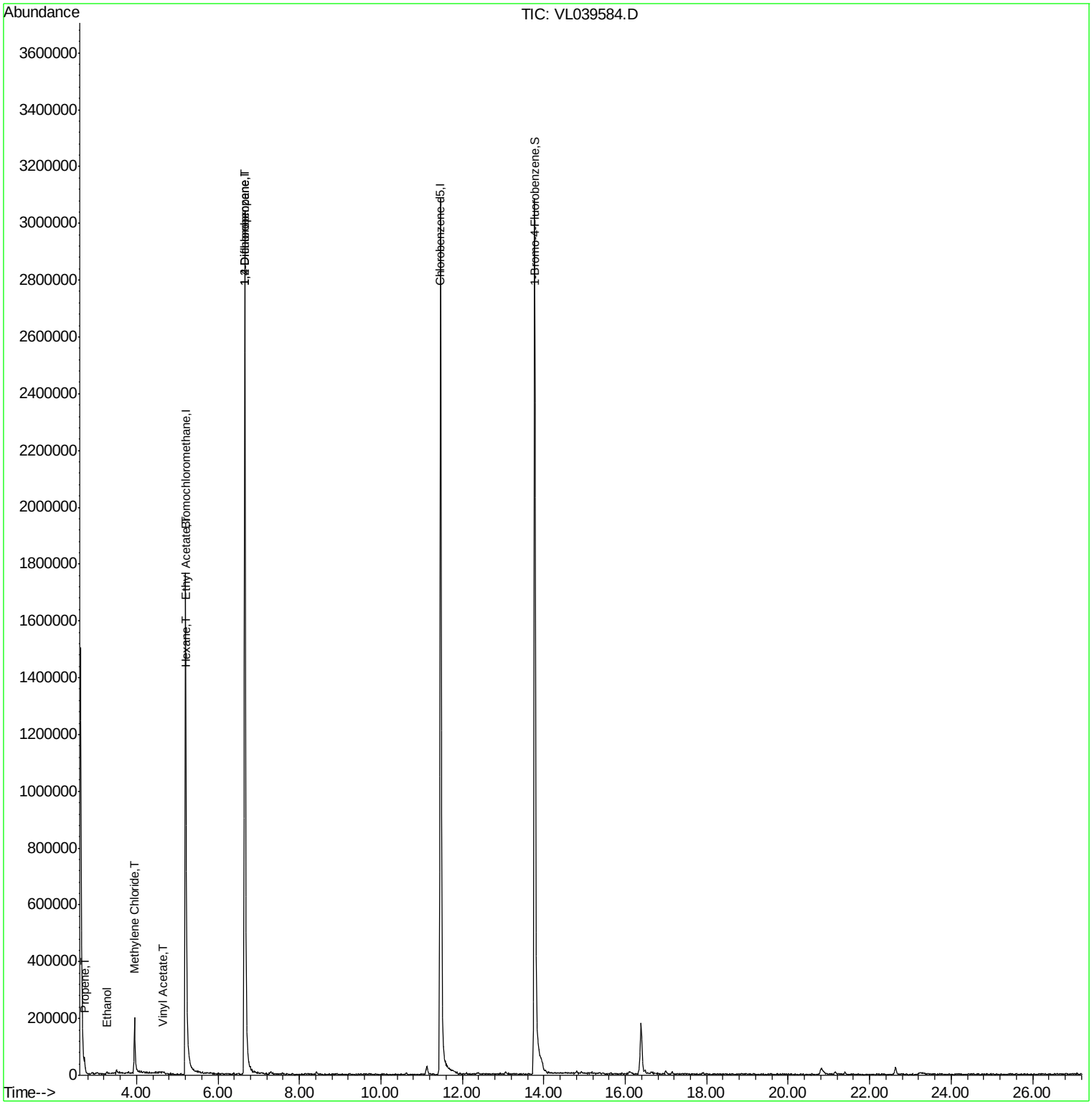
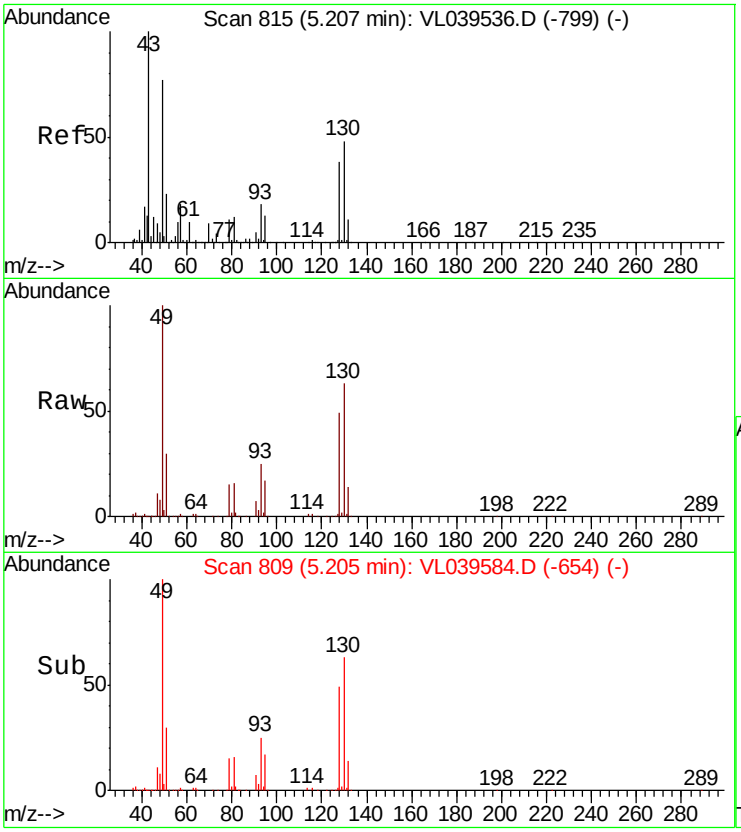


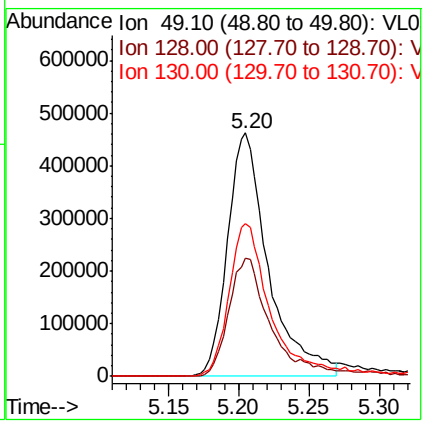


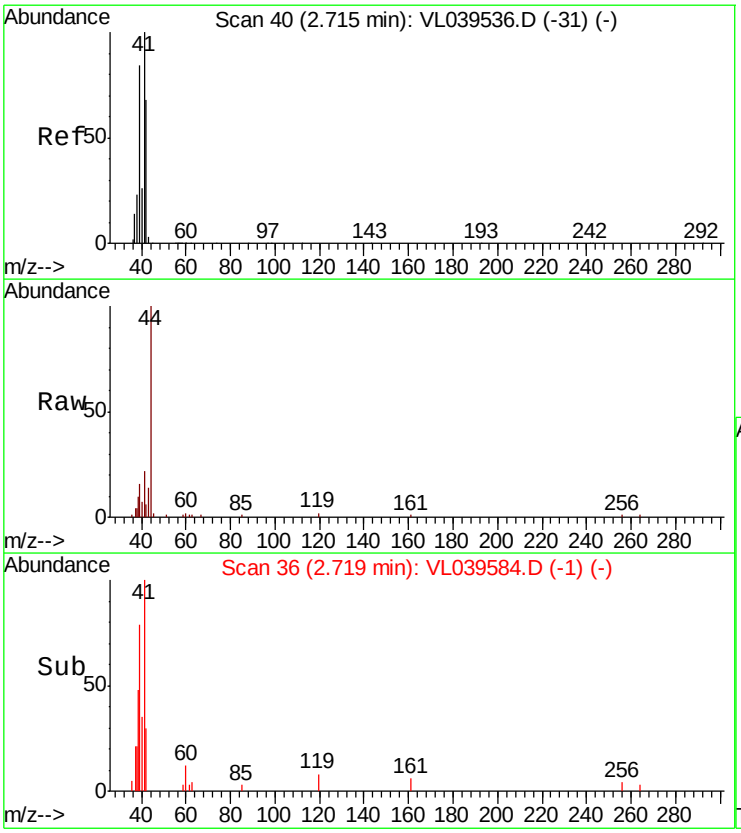
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.20
Delta R.T
Lab File:
Acq: 25 Aug 2022 19:02

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

Tgt Ion: 49 Resp: 938340

Ion	Ratio	Lower	Upper
49	100		
128	51.7	26.7	80.0
130	67.1	34.3	102.8

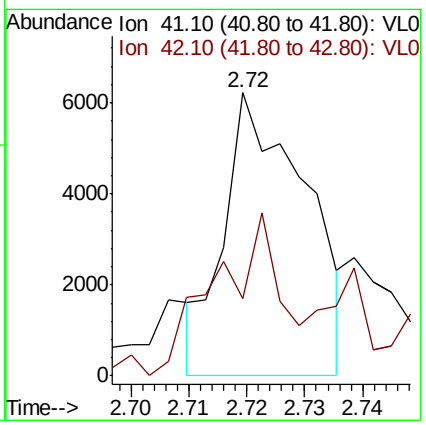


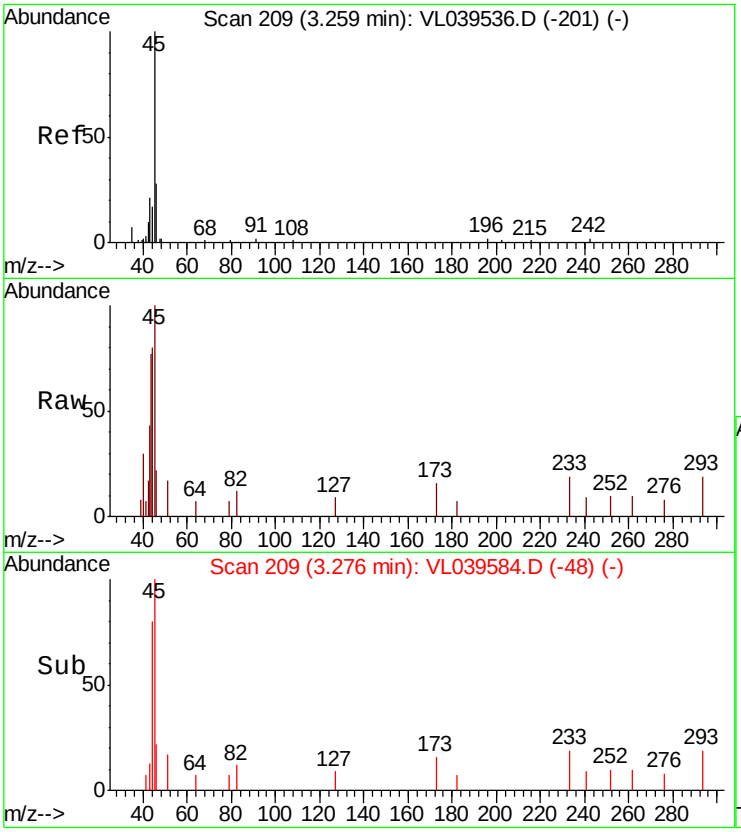


#9
Propene
Concen: 0.119 ppbv
RT: 2.72 min Scan# 36
Delta R.T. 0.00 min
Lab File: VL039584.D
Acq: 25 Aug 2022 19:02

Tgt Ion: 41 Resp: 6073

Ion	Ratio	Lower	Upper
41	100		
42	79.5	55.2	82.8



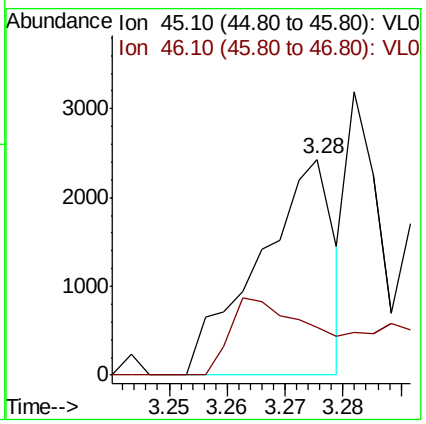


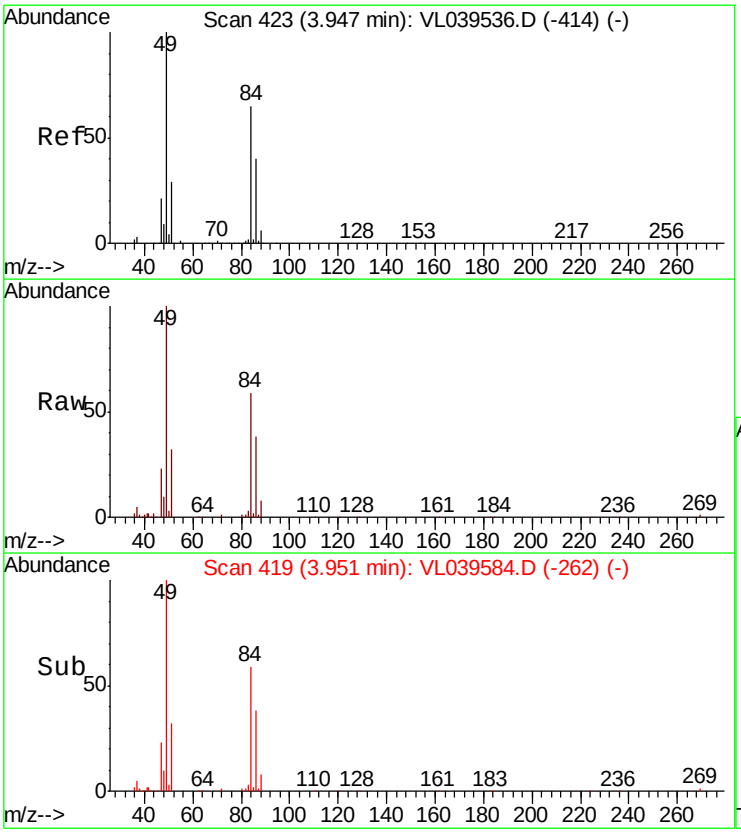
#13
Ethanol
Concen: 0.595 ppbv
RT: 3.28
Delta R.T
Lab File:
Acq: 25 Aug 2022 19:02

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

Tgt Ion: 45 Resp: 2188

Ion	Ratio	Lower	Upper
45	100		
46	0.0	22.8	91.2#

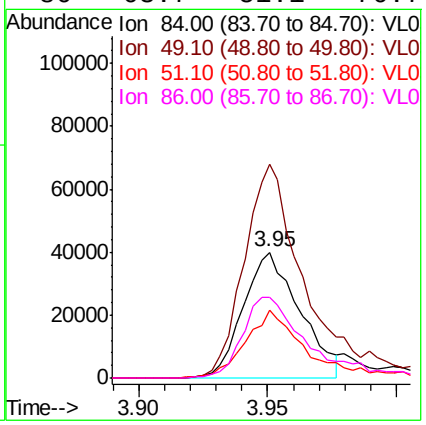


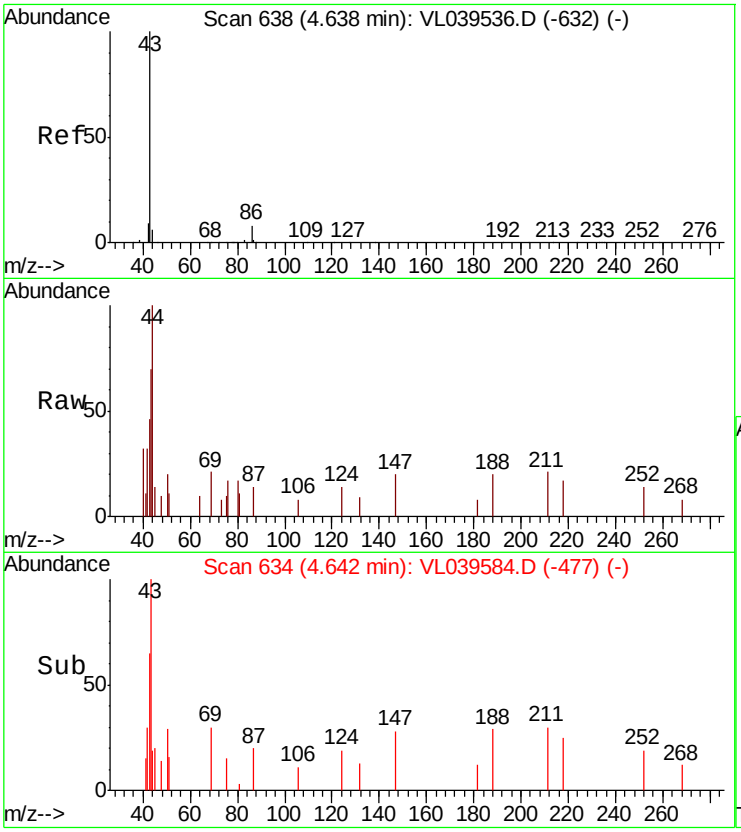


#20
Methylene Chloride
Concen: 1.428 ppbv
RT: 3.95 min Scan# 419
Delta R.T. 0.00 min
Lab File: VL039584.D
Acq: 25 Aug 2022 19:02

Tgt Ion: 84 Resp: 60974

Ion	Ratio	Lower	Upper
84	100		
49	170.1	123.1	184.7
51	53.0	34.4	51.6#
86	63.7	51.1	76.7



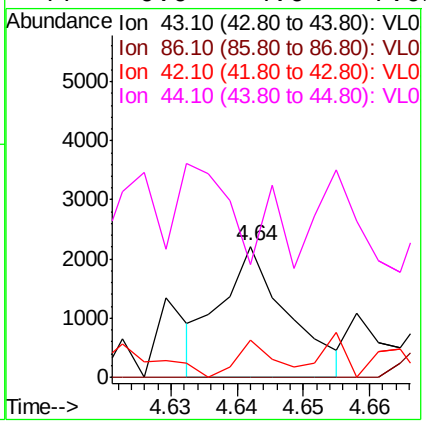


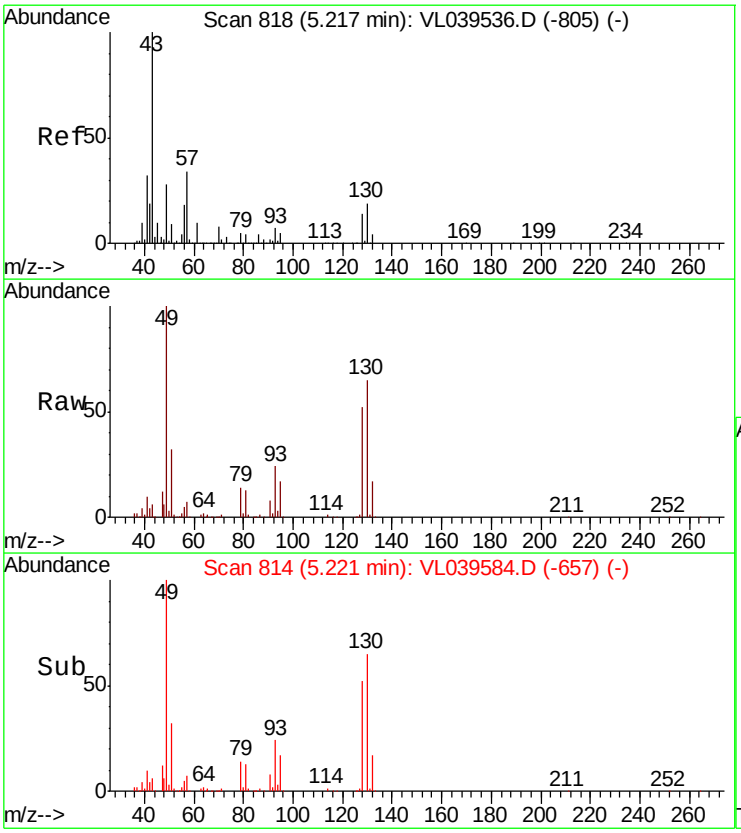
#23
Vinyl Acetate
Concen: 0.031 ppbv
RT: 4.64
Delta R.T
Lab File:
Acq: 25 Aug 2022 19:02

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

Tgt Ion: 43 Resp: 1562

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.0	7.6#
42	72.0	7.7	11.5#
44	0.0	4.6	7.0#

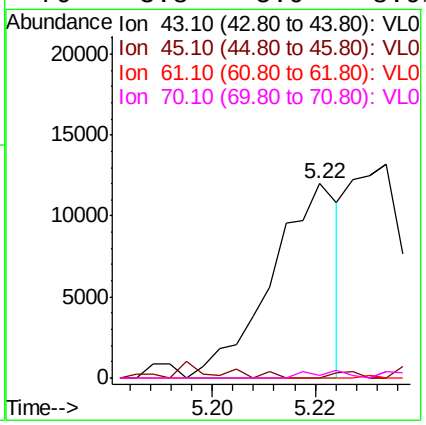


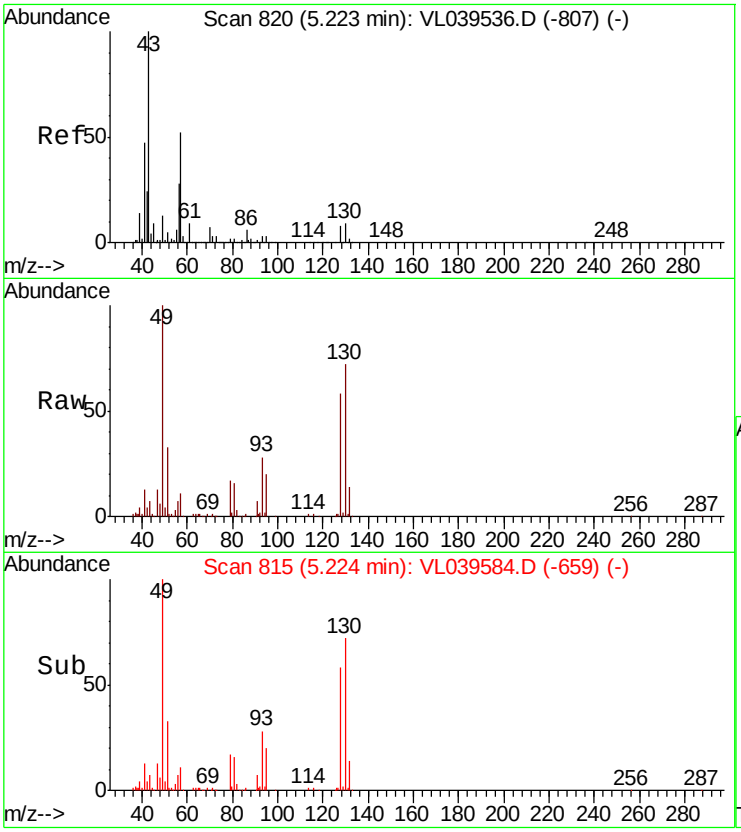


#25
Ethyl Acetate
Concen: 0.048 ppbv
RT: 5.22 min Scan# 814
Delta R.T. 0.00 min
Lab File: VL039584.D
Acq: 25 Aug 2022 19:02

Tgt Ion: 43 Resp: 10845

Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.2	12.4#
61	0.0	8.3	12.5#
70	3.8	5.9	8.9#



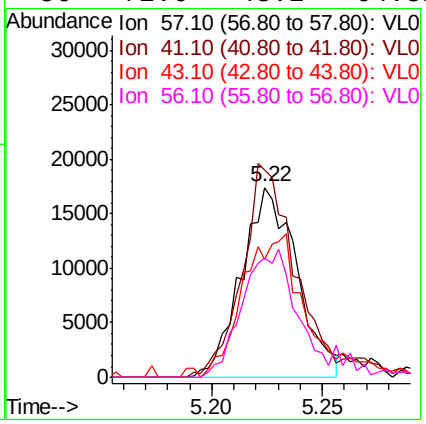


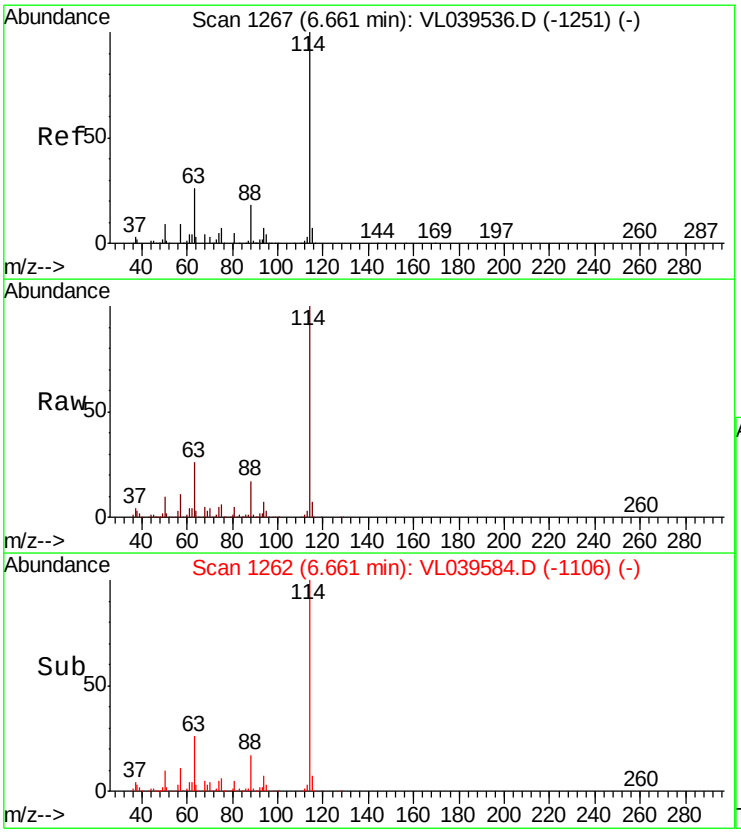
#26
Hexane
Concen: 0.331 ppbv
RT: 5.22
Delta R.T
Lab File:
Acq: 25 Aug 2022 19:02

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

Tgt Ion: 57 Resp: 30393

Ion	Ratio	Lower	Upper
57	100		
41	113.5	76.9	115.3
43	88.8	191.0	286.6#
56	72.6	43.2	64.8#

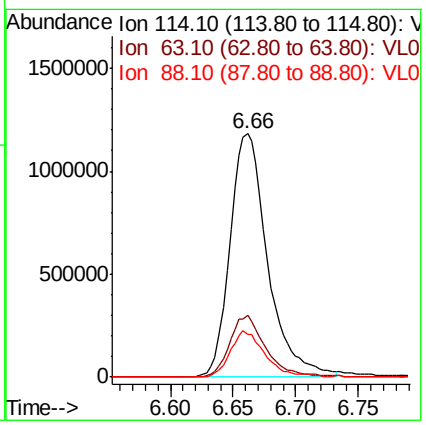


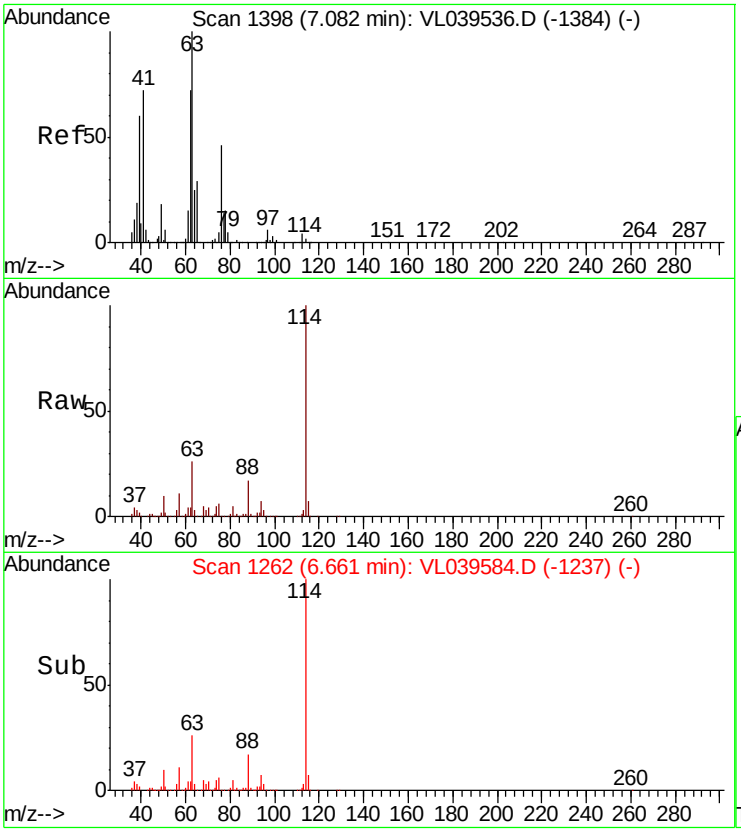


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.66 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VL039584.D
Acq: 25 Aug 2022 19:02

Tgt Ion:114 Resp: 2462124

Ion	Ratio	Lower	Upper
114	100		
63	24.9	20.2	30.4
88	18.1	14.5	21.7



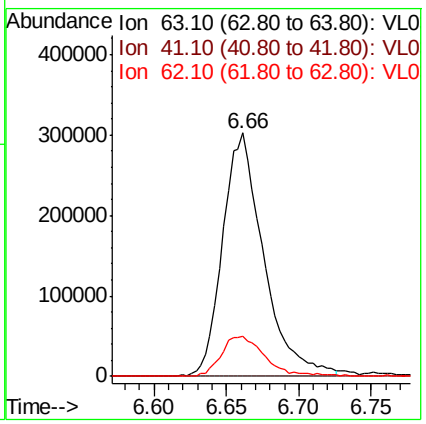


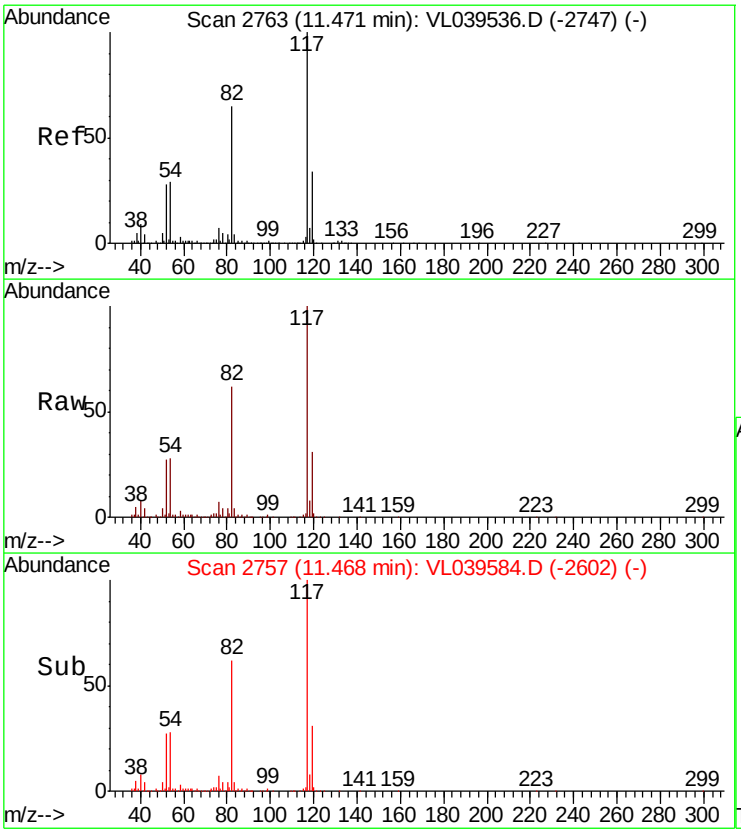
#39
1,2-Dichloropropane
Concen: 8.329 ppbv
RT: 6.66
Delta R.T
Lab File:
Acq: 25 Aug 2022 19:02

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

Tgt Ion: 63 Resp: 587715

Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.6	89.4#
62	16.6	51.4	77.0#

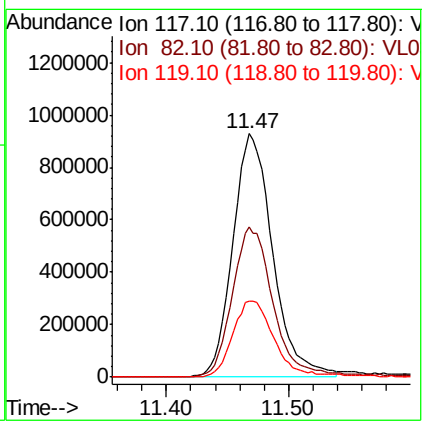


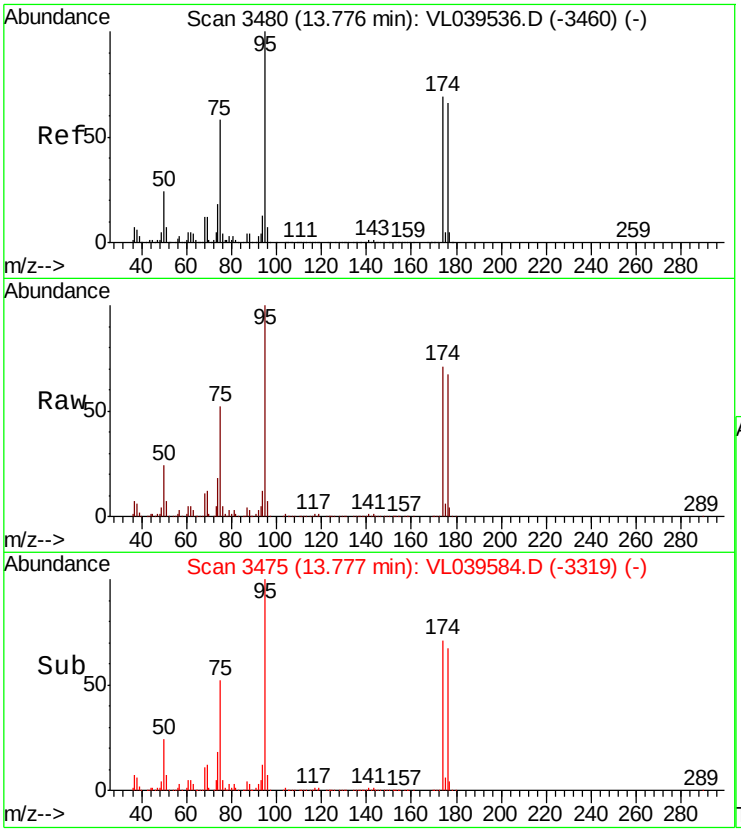


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.47 min Scan# 2757
Delta R.T. -0.00 min
Lab File: VL039584.D
Acq: 25 Aug 2022 19:02

Tgt Ion:117 Resp: 2100818

Ion	Ratio	Lower	Upper
117	100		
82	64.1	50.8	76.2
119	33.1	24.1	36.1





#68
1-Bromo-4-Fluorobenzene
Concen: 9.712 ppbv
RT: 13.78
Delta R.T
Lab File:
Acq: 25 Aug 2022 19:02

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

Tgt Ion: 95 Resp: 1539227

Ion	Ratio	Lower	Upper
95	100		
174	72.0	55.9	83.9
175	5.9	4.2	6.4