Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL060822\
Data File : VL039247.D
Acq On : 8 Jun 2022 23:05
Operator : SY/AP
Sample : N3214-13 0.03 LOD
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Quant Time: Jun 09 06:42:28 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	919340	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2071718	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	1703970	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	1530777	10.87	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 108.70%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	3.00	51	4200	0.036	ppbv	95
5) Vinyl Chloride	3.27	62	1921	0.034	ppbv #	44
8) Dichlorotetrafluoroethane	3.20	85	5409	0.037	ppbv #	80
12) 1,1,2-Trichlorotrifluoroet	4.49	101	3835	0.040	ppbv #	67
18) 1,1-Dichloroethene	4.30	96	1484	0.034	ppbv #	38
20) Methylene Chloride	4.36	84	5778	0.143	ppbv #	88
39) 1,2-Dichloropropane	7.24	63	11417	0.171	ppbv #	22

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

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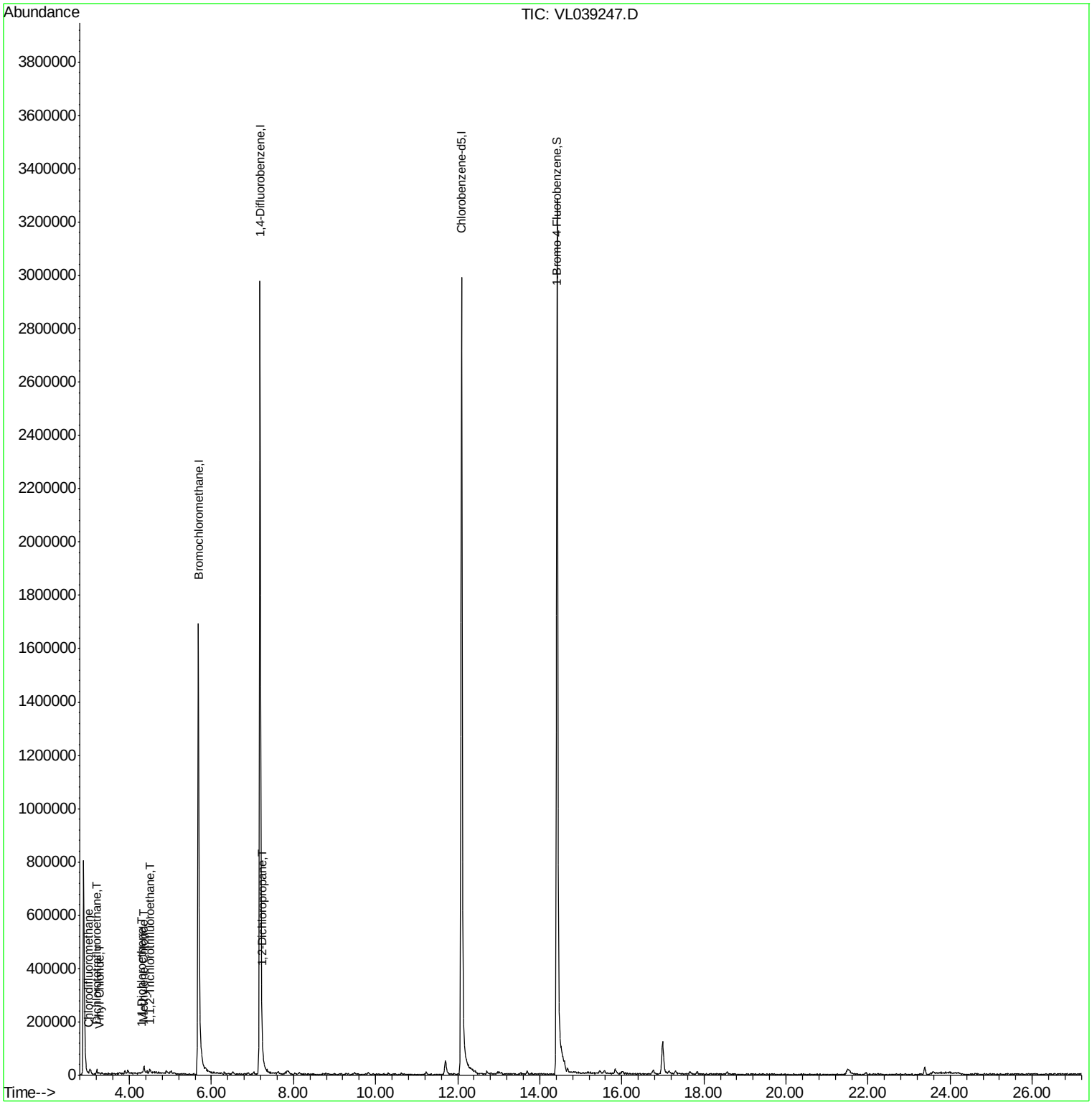
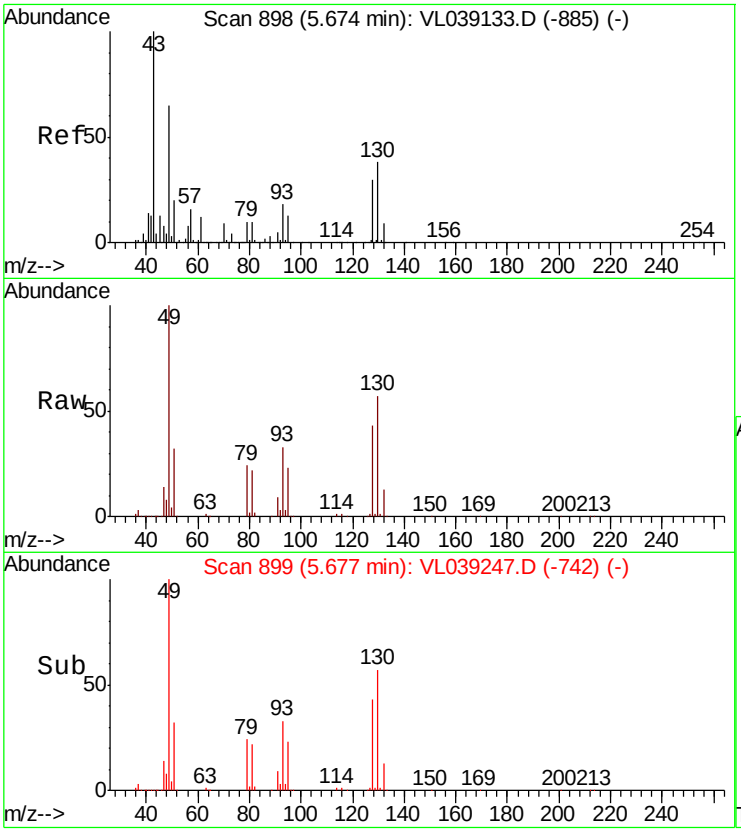


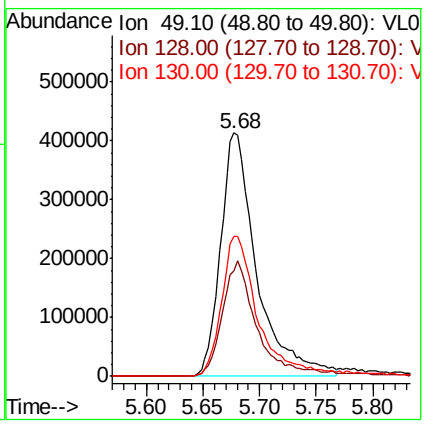


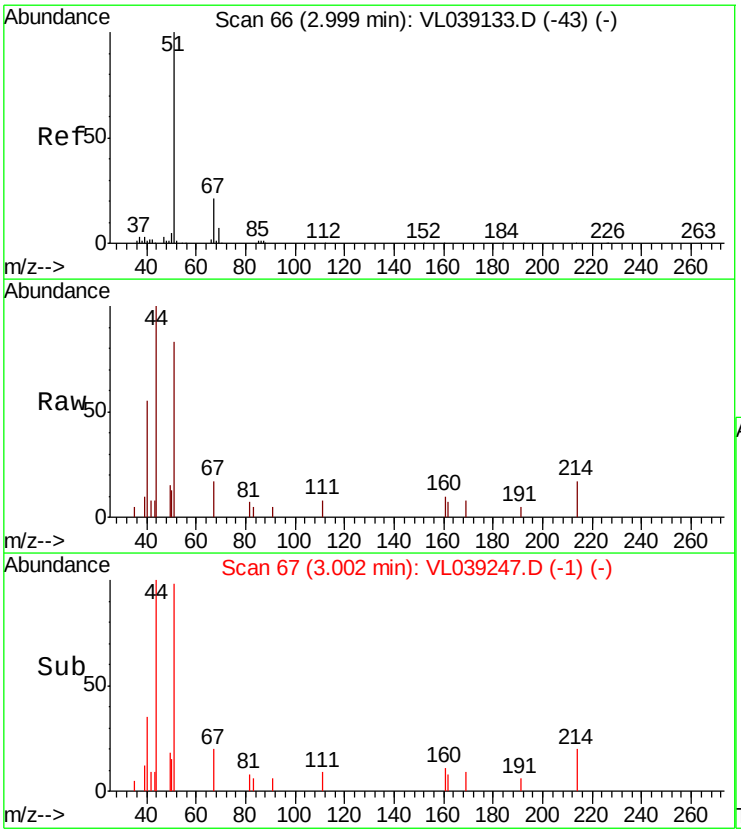
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 8 Jun 2022 23:05

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 49 Resp: 919340

Ion	Ratio	Lower	Upper
49	100		
128	46.7	24.7	74.1
130	59.1	31.4	94.0

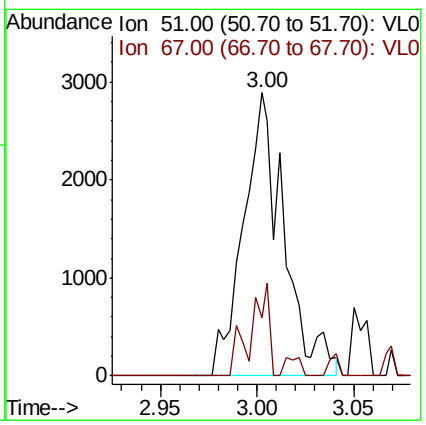


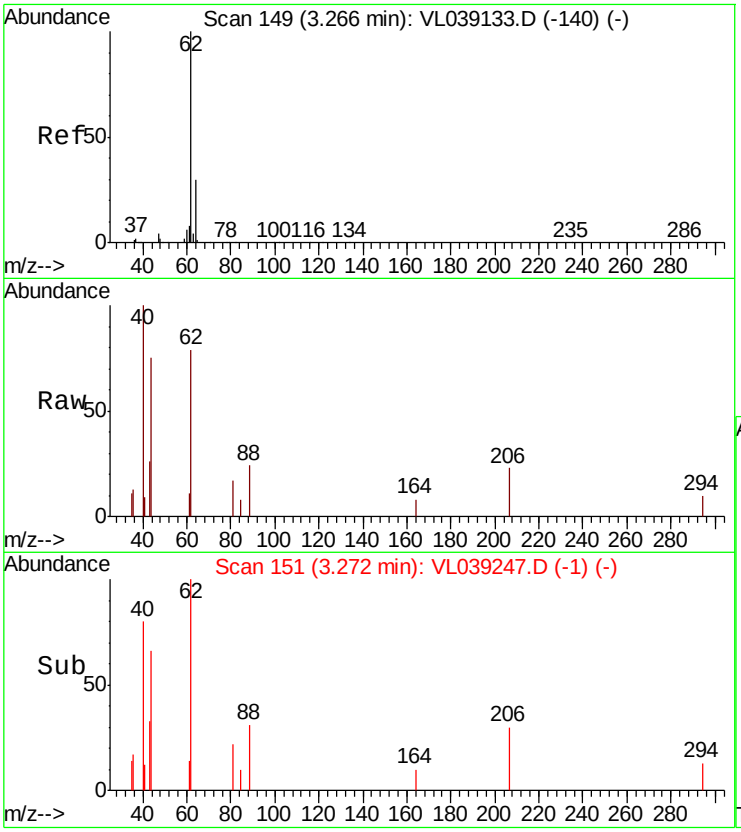


#3
Chlorodifluoromethane
Concen: 0.036 ppbv
RT: 3.00 min Scan# 67
Delta R.T. 0.00 min
Lab File: VL039247.D
Acq: 8 Jun 2022 23:05

Tgt Ion: 51 Resp: 4200

Ion	Ratio	Lower	Upper
51	100		
67	17.8	16.2	24.4



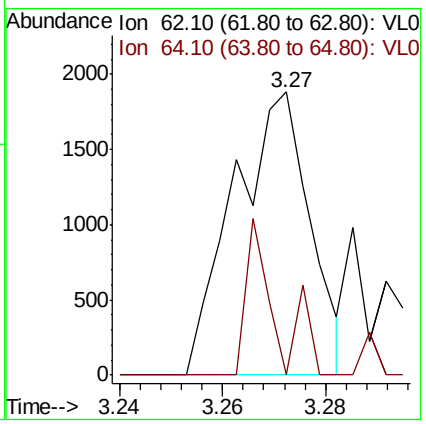


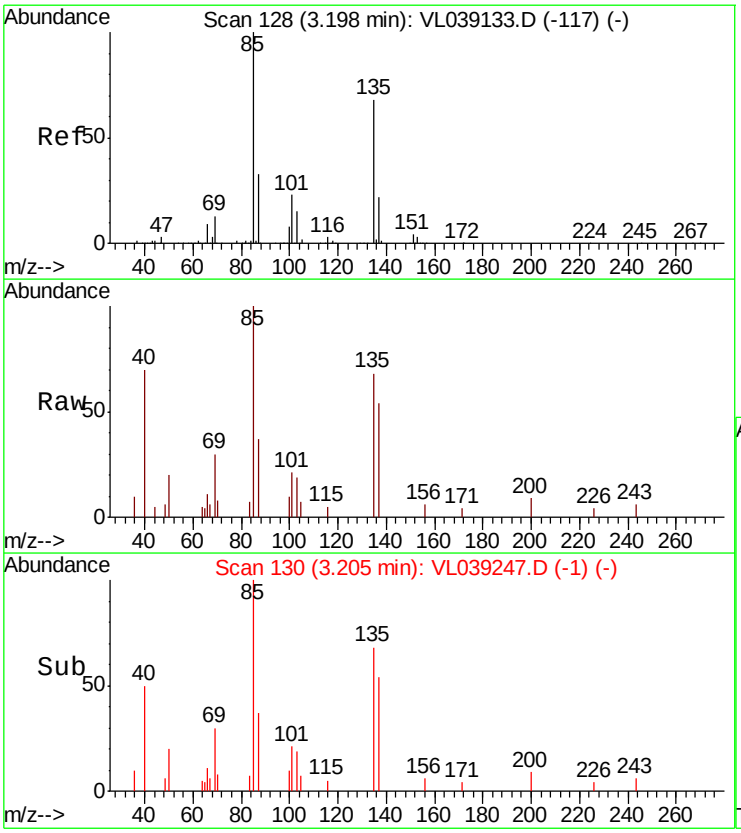
#5
Vinyl Chloride
Concen: 0.034 ppbv
RT: 3.27
Delta R.T
Lab File:
Acq: 8 Jun 2022 23:05

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 62 Resp: 1921

Ion	Ratio	Lower	Upper
62	100		
64	0.0	24.2	36.2#

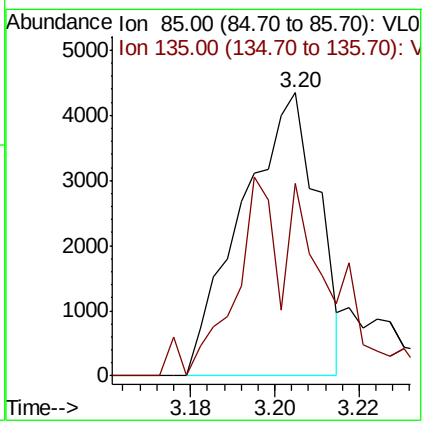


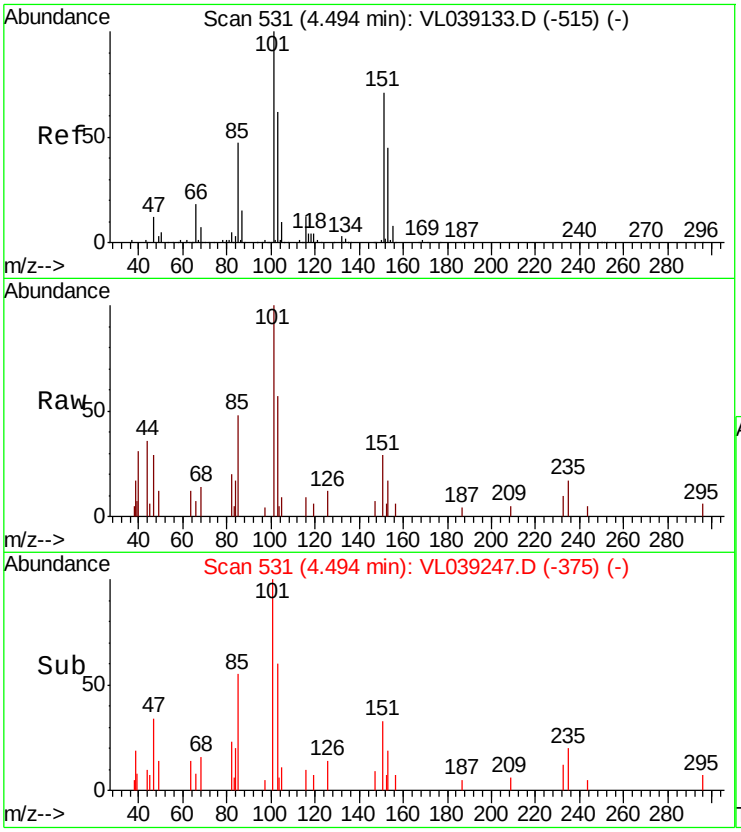


#8
Dichlorotetrafluoroethane
Concen: 0.037 ppbv
RT: 3.20 min Scan# 130
Delta R.T. 0.01 min
Lab File: VL039247.D
Acq: 8 Jun 2022 23:05

Tgt Ion: 85 Resp: 5409

Ion	Ratio	Lower	Upper
85	100		
135	85.3	55.0	82.4#



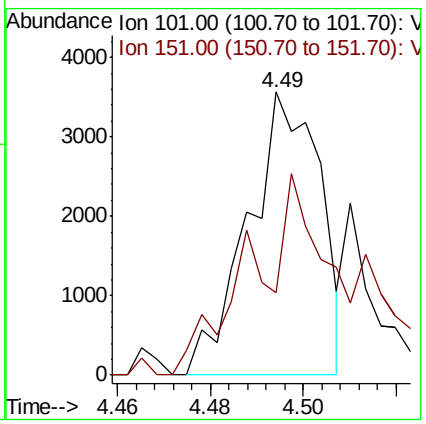


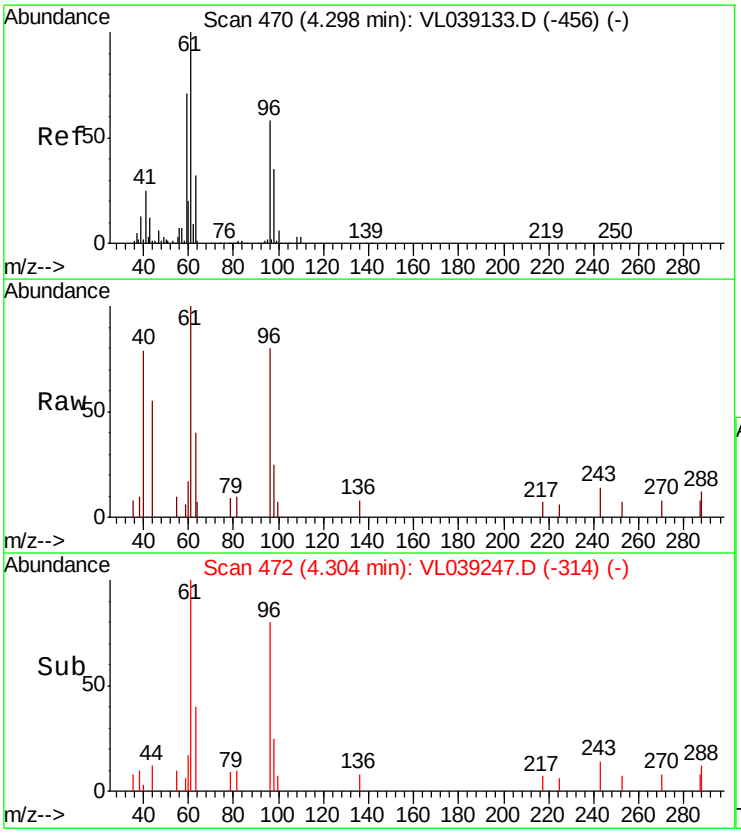
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.040 ppbv
RT: 4.49
Delta R.T
Lab File:
Acq: 8 Jun 2022 23:05

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:101 Resp: 3835

Ion	Ratio	Lower	Upper
101	100		
151	102.4	59.4	89.0#

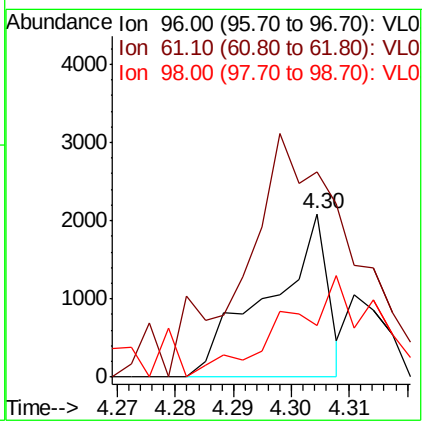


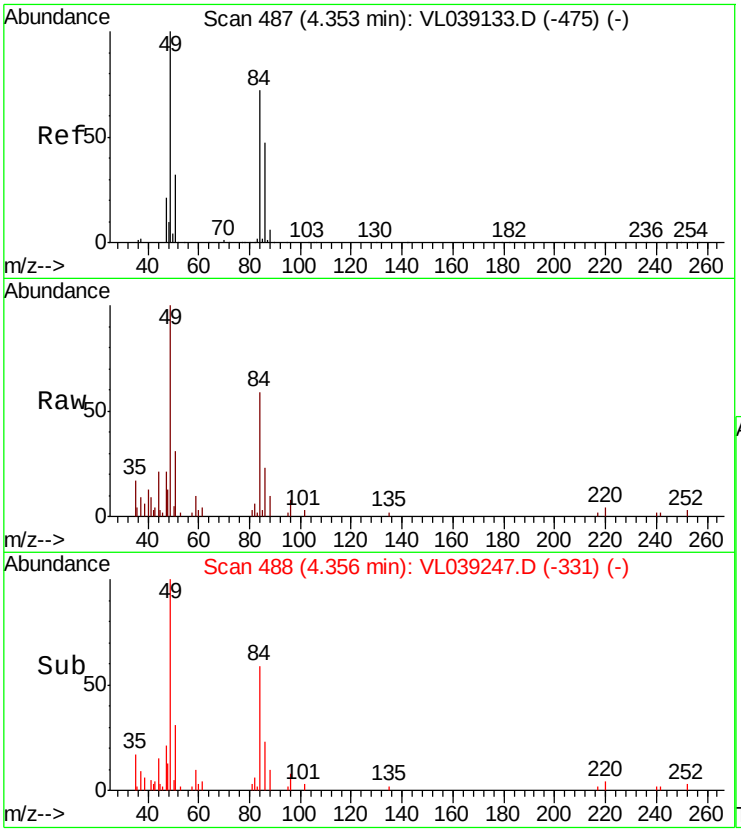


#18
1,1-Dichloroethene
Concen: 0.034 ppbv
RT: 4.30 min Scan# 472
Delta R.T. 0.01 min
Lab File: VL039247.D
Acq: 8 Jun 2022 23:05

Tgt Ion: 96 Resp: 1484

Ion	Ratio	Lower	Upper
96	100		
61	76.2	138.4	207.6#
98	31.5	47.8	71.8#



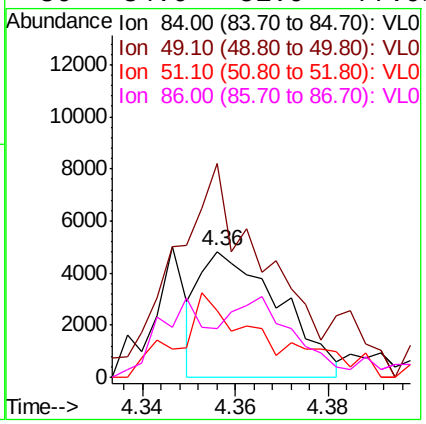


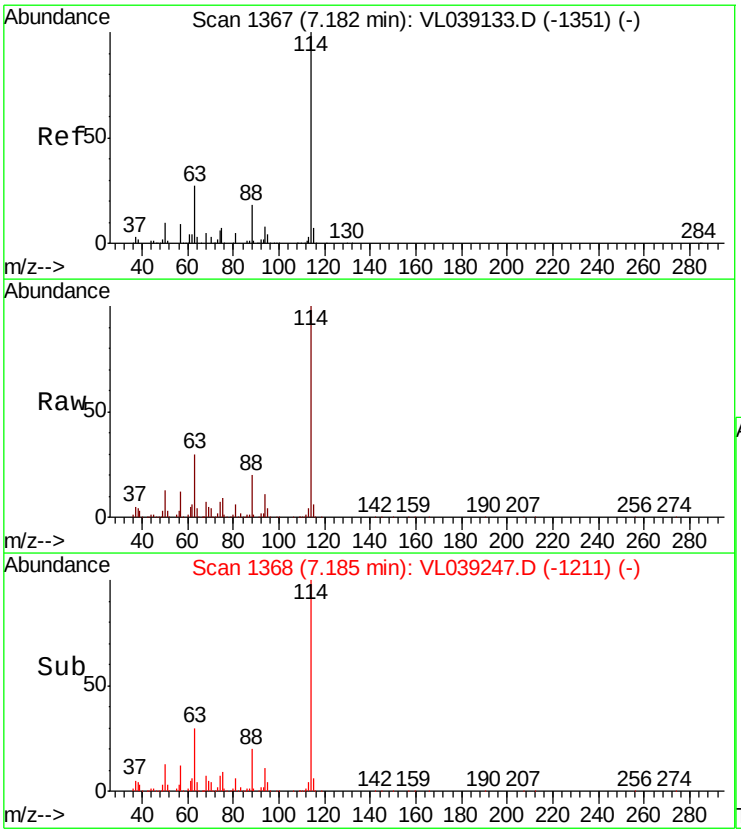
#20
Methylene Chloride
Concen: 0.143 ppbv
RT: 4.36
Delta R.T
Lab File:
Acq: 8 Jun 2022 23:05

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 84 Resp: 5778

Ion	Ratio	Lower	Upper
84	100		
49	138.3	111.1	166.7
51	37.3	35.3	52.9
86	34.0	51.9	77.9#

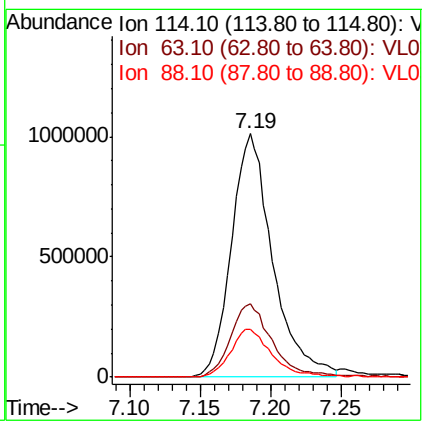


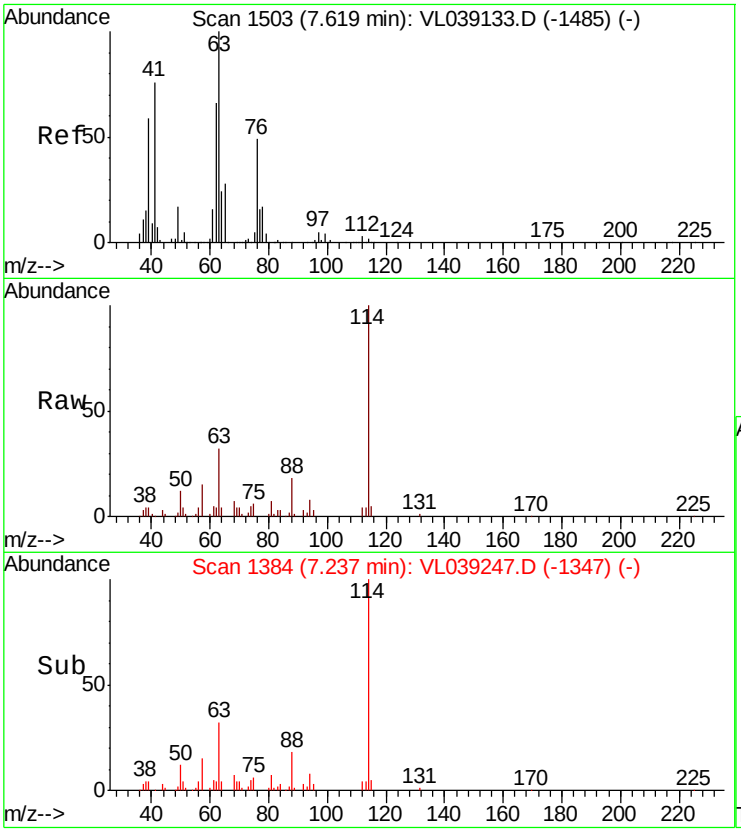


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VL039247.D
Acq: 8 Jun 2022 23:05

Tgt Ion:114 Resp: 2071718

Ion	Ratio	Lower	Upper
114	100		
63	31.3	21.7	32.5
88	20.2	14.8	22.2



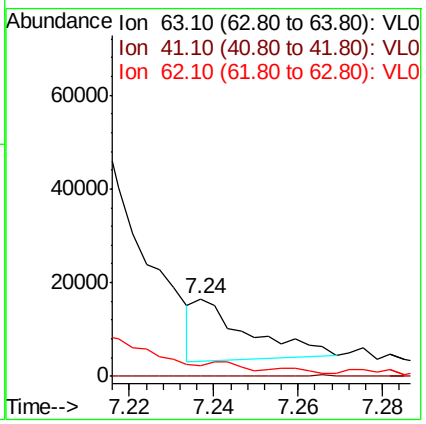


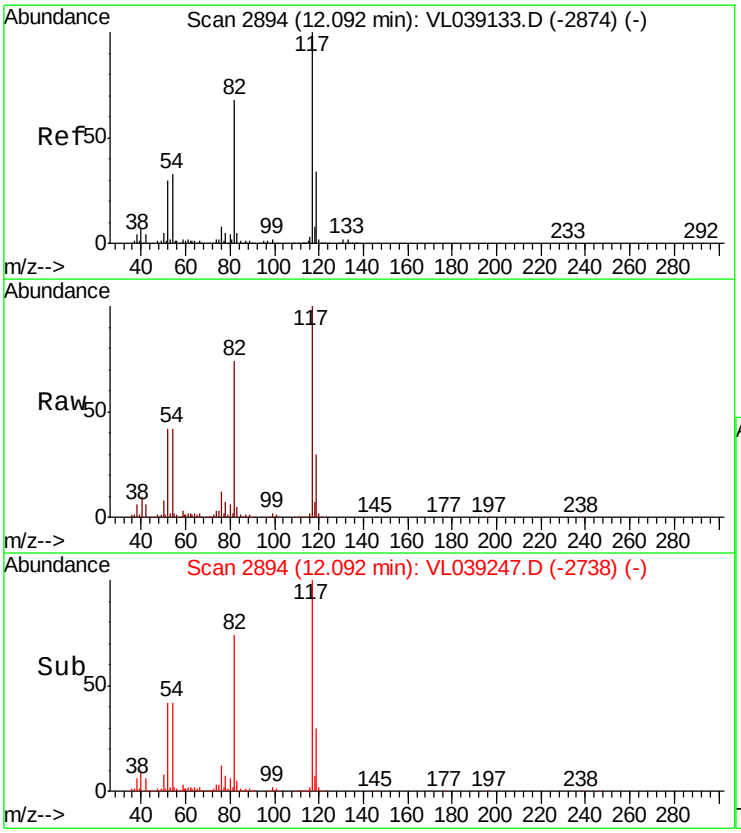
#39
1,2-Dichloropropane
Concen: 0.171 ppbv
RT: 7.24
Delta R.T
Lab File:
Acq: 8 Jun 2022 23:05

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 63 Resp: 11417

Ion	Ratio	Lower	Upper
63	100		
41	1.2	60.8	91.2#
62	13.1	52.9	79.3#

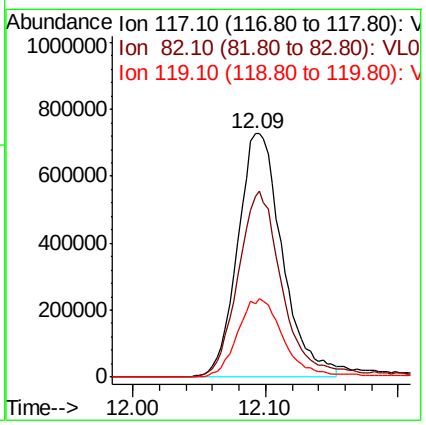


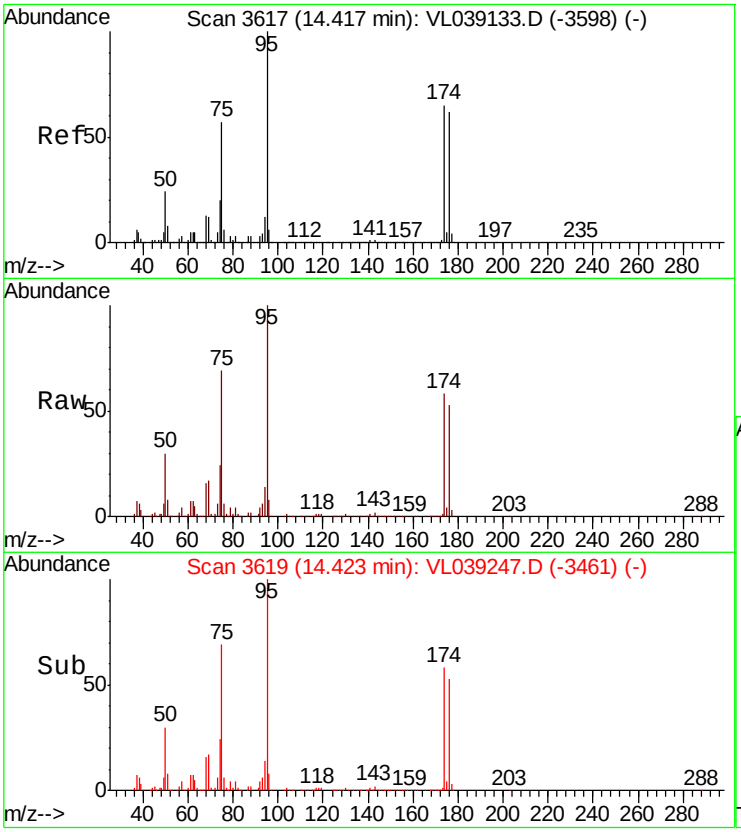


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2894
Delta R.T. 0.00 min
Lab File: VL039247.D
Acq: 8 Jun 2022 23:05

Tgt Ion:117 Resp: 1703970

Ion	Ratio	Lower	Upper
117	100		
82	78.1	55.1	82.7
119	33.7	24.7	37.1





#68
1-Bromo-4-Fluorobenzene
Concen: 10.866 ppbv
RT: 14.42
Delta R.T
Lab File:
Acq: 8 Jun 2022 23:03

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 95 Resp: 1530777

Ion	Ratio	Lower	Upper
95	100		
174	58.5	53.8	80.8
175	4.4	4.1	6.1