Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL061322\
Data File : VL039266.D
Acq On : 14 Jun 2022 00:40
Operator : SY/AP
Sample : N3306-03DL 5X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : A-1DL

Quant Time: Jun 14 01:34:20 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	5.67	49	1258014	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.18	114	2871692	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.09	117	2407087	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	2012671	10.11	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.06	85	21221	0.096	ppbv		100
3) Chlorodifluoromethane	2.99	51	22417	0.140	ppbv	#	80
4) Chloromethane	3.14	50	8065	0.098	ppbv		89
9) Propene	3.03	41	39511	0.566	ppbv		91
11) Trichlorofluoromethane	3.96	101	6686	0.033	ppbv		96
13) Ethanol	3.61	45	83872	22.035	ppbv	#	100
15) Acetone	3.86	43	452578	3.454	ppbv		91
19) Isopropyl Alcohol	3.97	45	334256	5.438	ppbv	#	89
20) Methylene Chloride	4.34	84	62878	1.139	ppbv		85
23) Vinyl Acetate	5.08	43	3754	0.035	ppbv	#	30
25) Ethyl Acetate	5.68	43	23185	0.078	ppbv	#	65
26) Hexane	5.69	57	48891	0.377	ppbv	#	63
34) 2-Butanone	5.25	43	6381	0.041	ppbv	#	53
36) Benzene	6.90	78	7673	0.033	ppbv	#	89
39) 1,2-Dichloropropane	7.18	63	838172	9.039	ppbv	#	25
52) Tetrachloroethene	11.22	164	5100	0.056	ppbv	#	32
53) Toluene	9.80	91	9903	0.037	ppbv	#	21

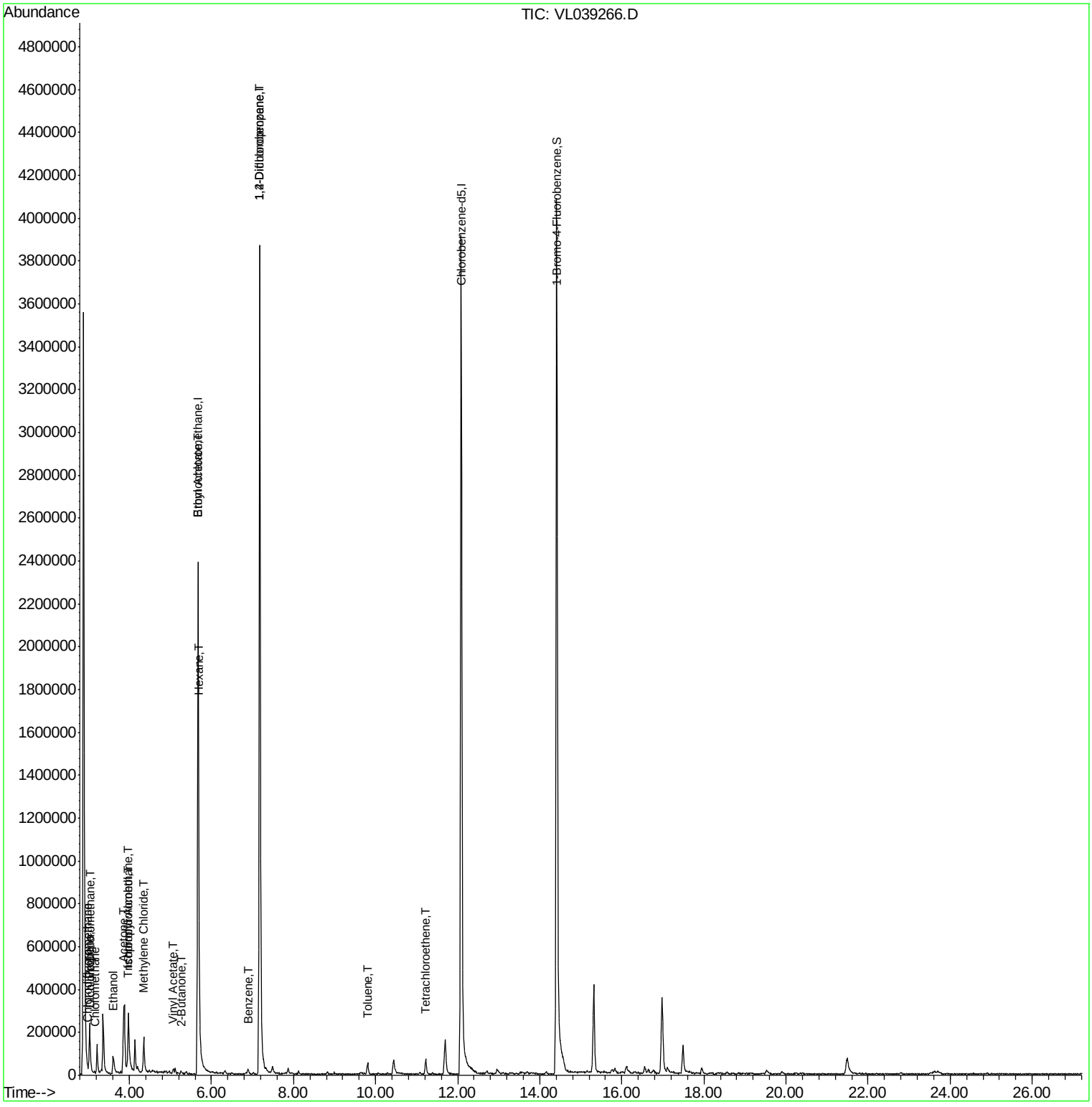
(#) = qualifier out of range (m) = manual integration (+) = signals summed

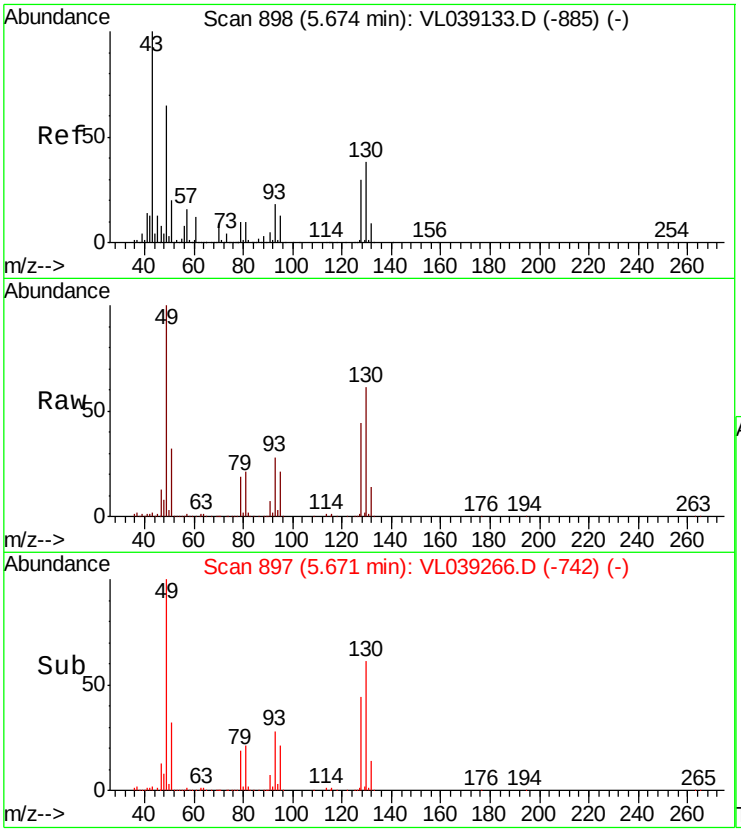
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL061322\
Data File : VL039266.D
Acq On : 14 Jun 2022 00:40
Operator : SY/AP
Sample : N3306-03DL 5X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
A-1DL

Quant Time: Jun 14 01:34:20 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



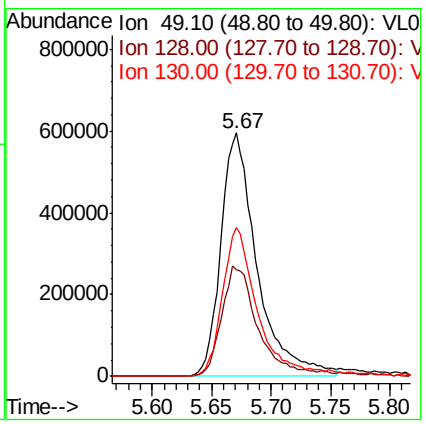


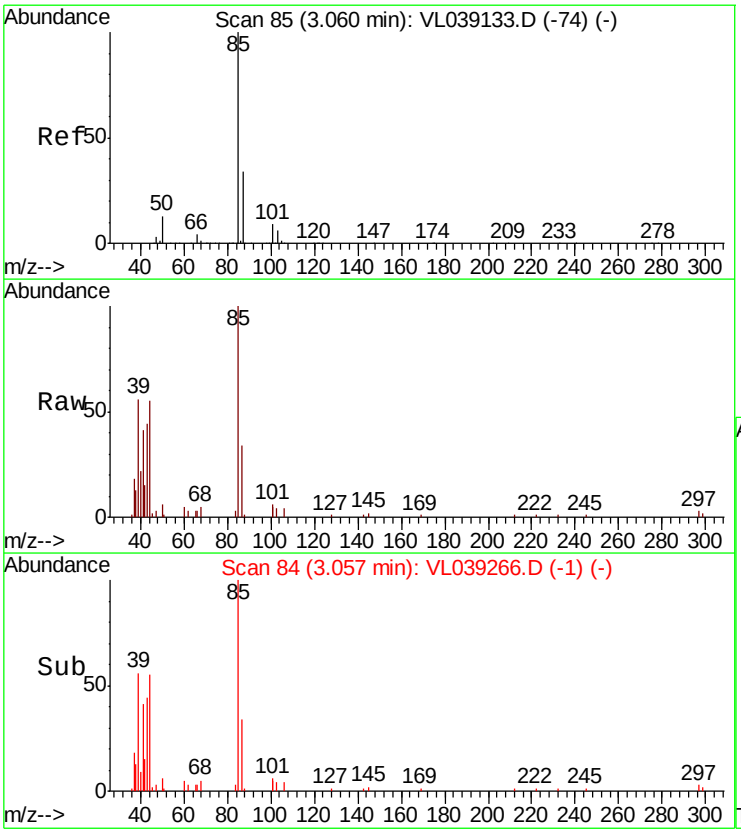
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 14 Jun 2022 00:40

Instrument :
MSVOA_L
ClientSampleId :
A-1DL

Tgt Ion: 49 Resp: 1258014

Ion	Ratio	Lower	Upper
49	100		
128	47.1	24.7	74.1
130	60.8	31.4	94.0

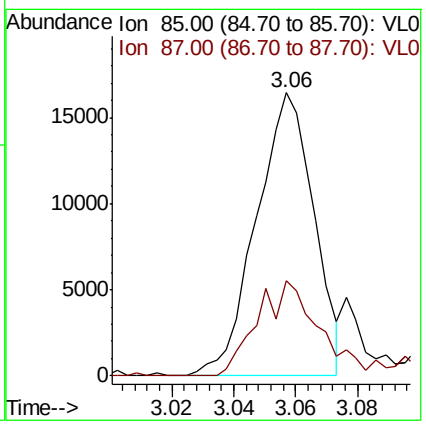


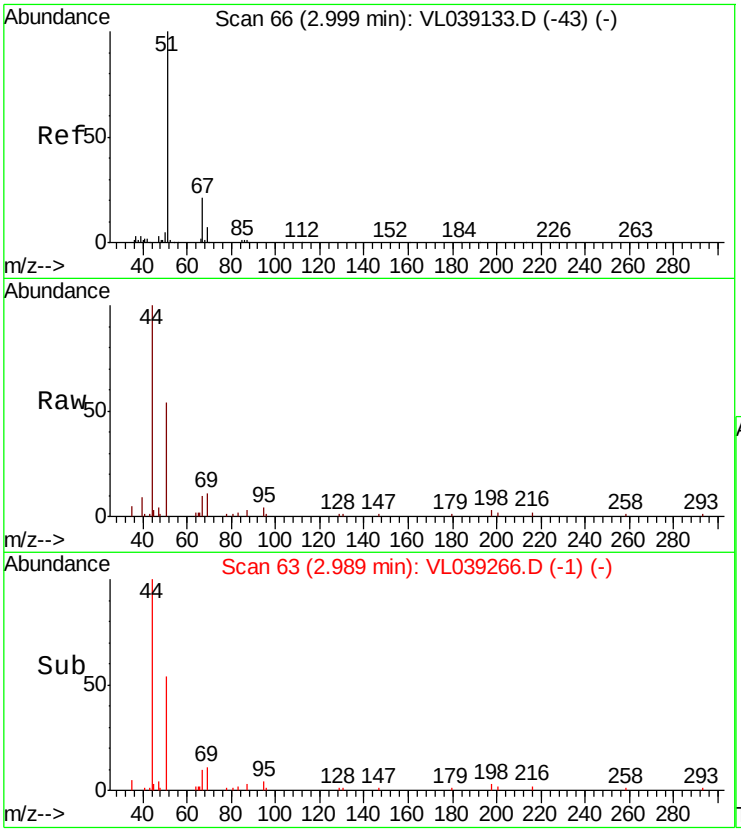


#2
Dichlorodifluoromethane
Concen: 0.096 ppbv
RT: 3.06 min Scan# 84
Delta R.T. -0.00 min
Lab File: VL039266.D
Acq: 14 Jun 2022 00:40

Tgt Ion: 85 Resp: 21221

Ion	Ratio	Lower	Upper
85	100		
87	33.8	26.9	40.3



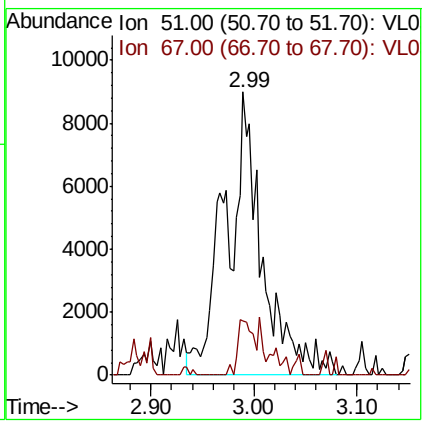


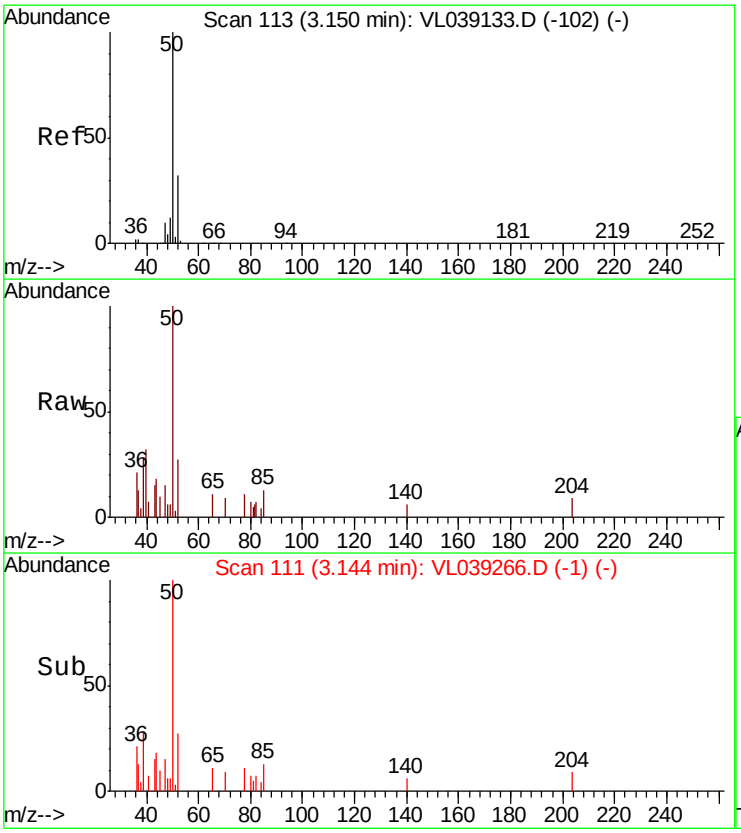
#3
Chlorodifluoromethane
Concen: 0.140 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 14 Jun 2022 00:40

Instrument :
MSVOA_L
ClientSampleId :
A-1DL

Tgt Ion: 51 Resp: 22417

Ion	Ratio	Lower	Upper
51	100		
67	10.9	16.2	24.4#

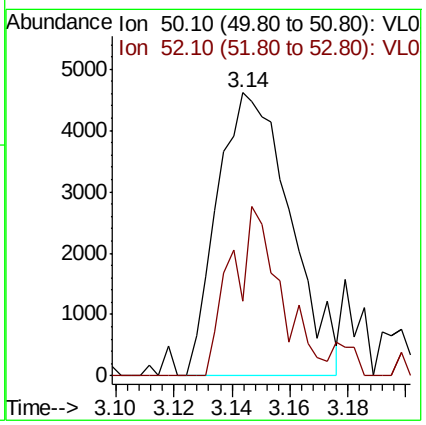


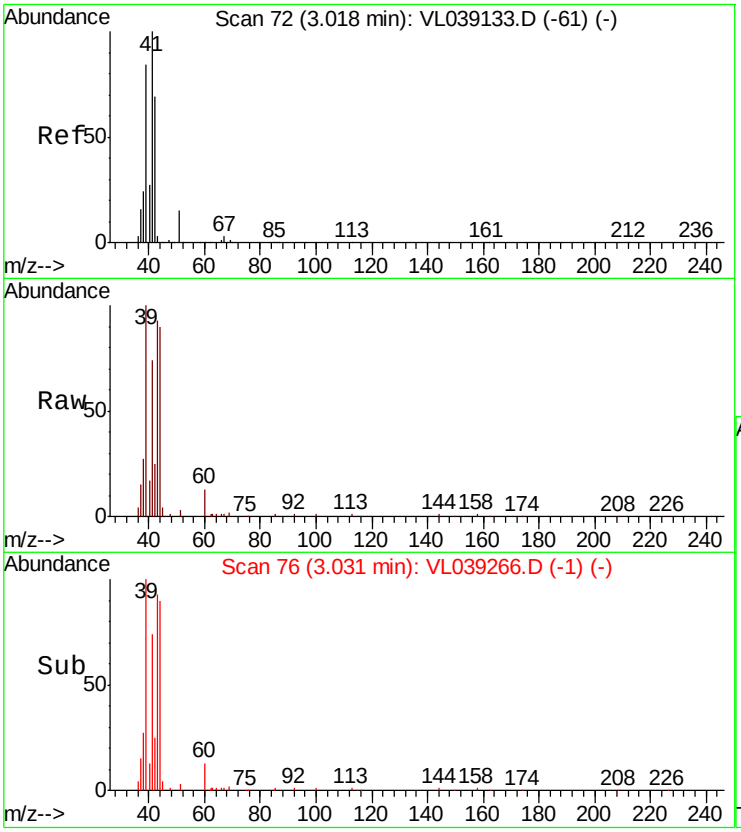


#4
Chloromethane
Concen: 0.098 ppbv
RT: 3.14 min Scan# 111
Delta R.T. -0.01 min
Lab File: VL039266.D
Acq: 14 Jun 2022 00:40

Tgt Ion: 50 Resp: 8065

Ion	Ratio	Lower	Upper
50	100		
52	26.5	25.9	38.9



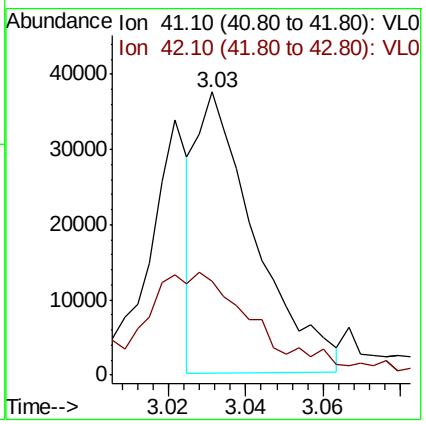


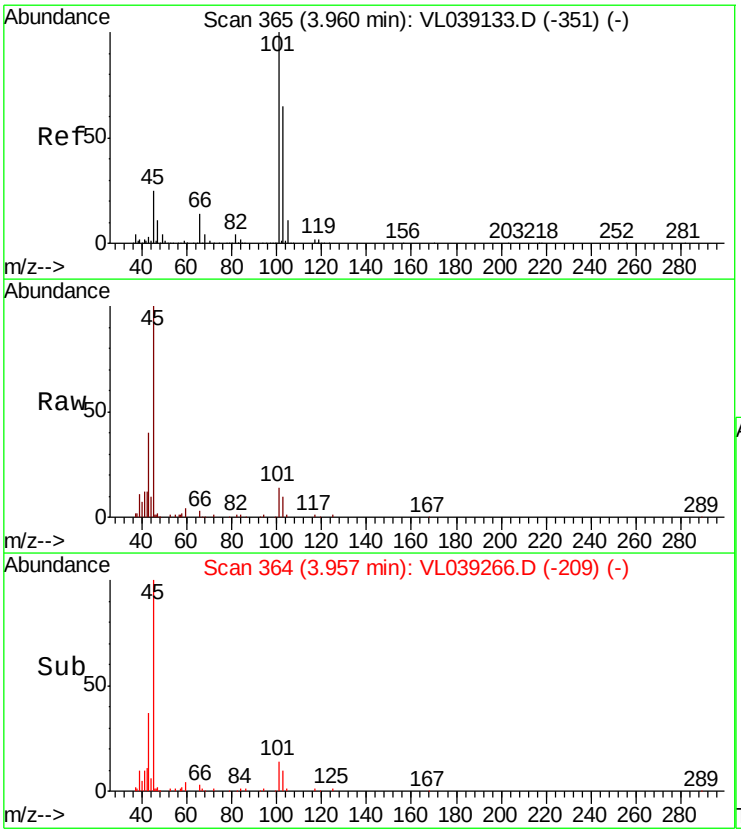
#9
Propene
Concen: 0.566 ppbv
RT: 3.03
Delta R.T
Lab File:
Acq: 14 Jun 2022 00:40

Instrument :
MSVOA_L
ClientSampleId :
A-1DL

Tgt Ion: 41 Resp: 39511

Ion	Ratio	Lower	Upper
41	100		
42	76.5	55.4	83.2

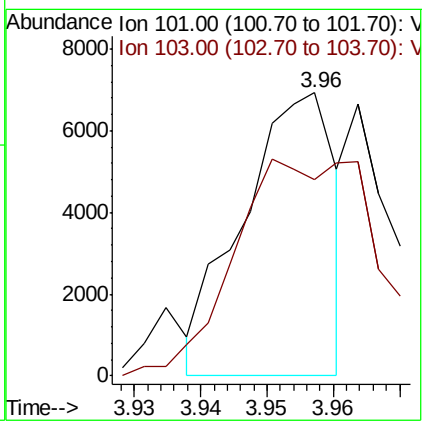


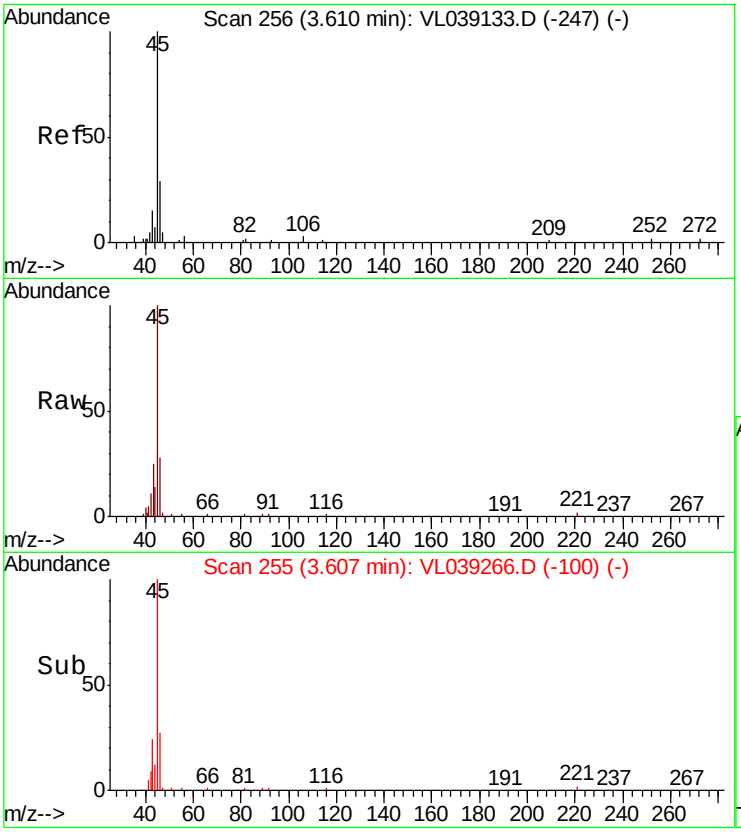


#11
Trichlorofluoromethane
Concen: 0.033 ppbv
RT: 3.96 min Scan# 364
Delta R.T. -0.00 min
Lab File: VL039266.D
Acq: 14 Jun 2022 00:40

Tgt Ion:101 Resp: 6686

Ion	Ratio	Lower	Upper
101	100		
103	67.4	51.7	77.5



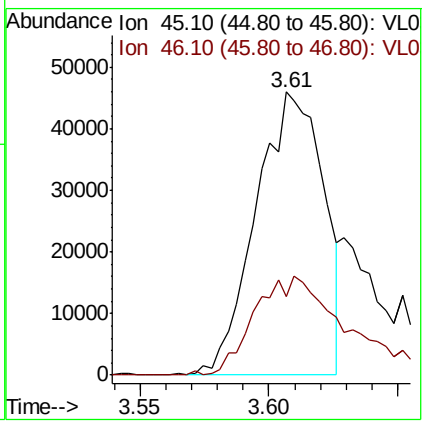


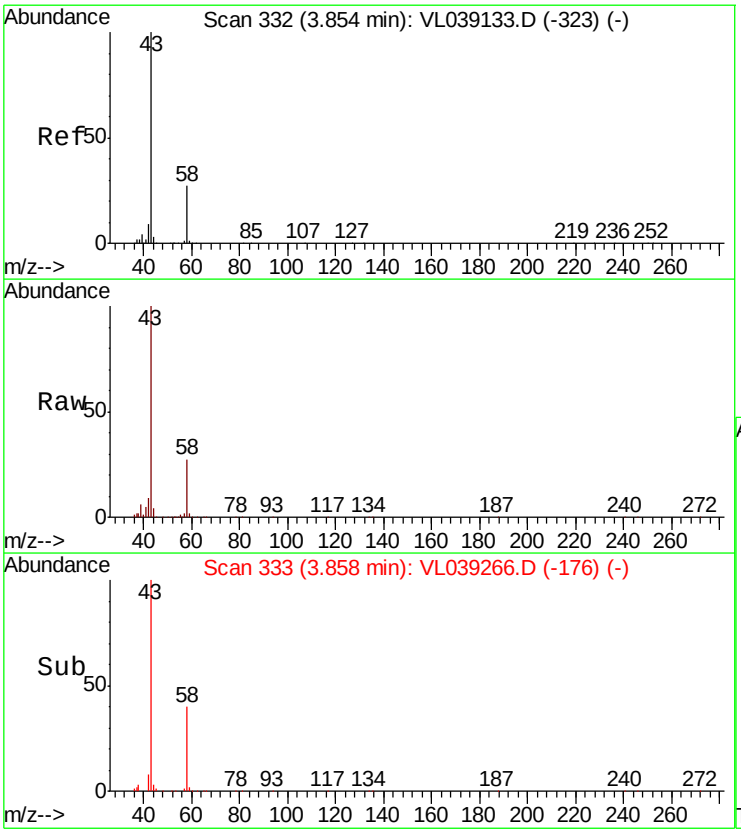
#13
Ethanol
Concen: 22.035 ppbv
RT: 3.61
Delta R.T
Lab File:
Acq: 14 Jun 2022 00:40

Instrument :
MSVOA_L
ClientSampleId :
A-1DL

Tgt Ion: 45 Resp: 83872

Ion	Ratio	Lower	Upper
45	100		
46	54.3	0.0	0.0#

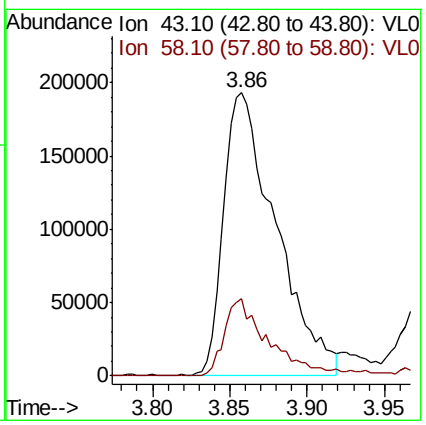


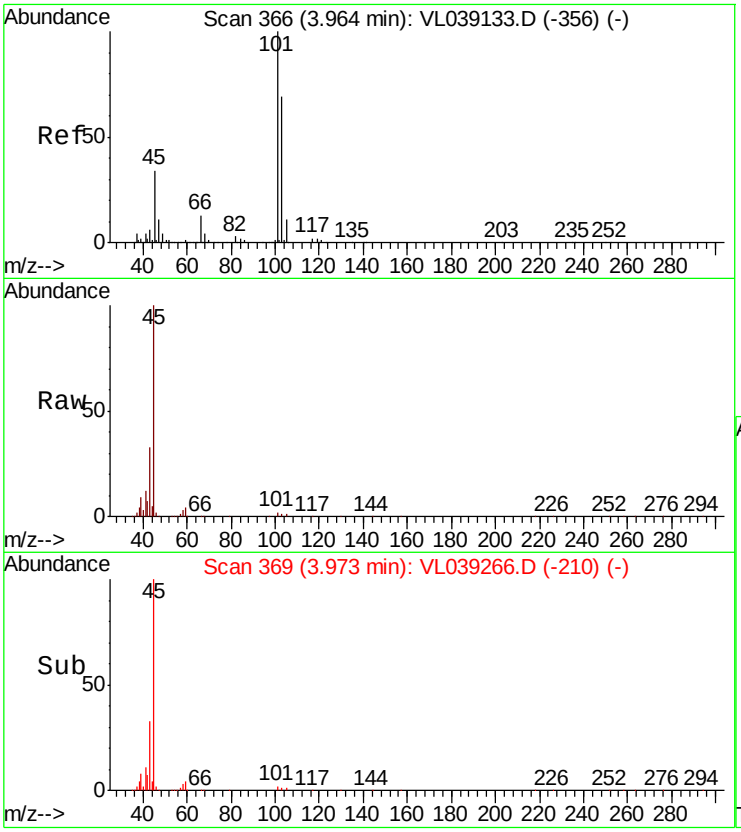


#15
Acetone
Concen: 3.454 ppbv
RT: 3.86 min Scan# 333
Delta R.T. 0.00 min
Lab File: VL039266.D
Acq: 14 Jun 2022 00:40

Tgt Ion: 43 Resp: 452578

Ion	Ratio	Lower	Upper
43	100		
58	23.6	22.5	33.7



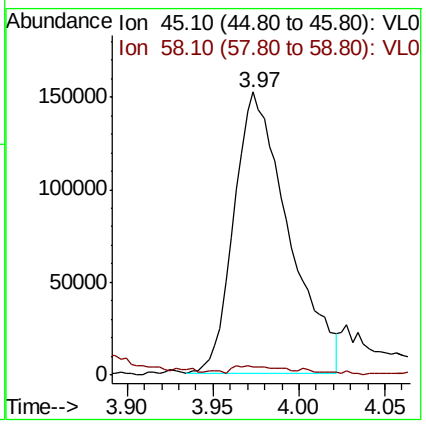


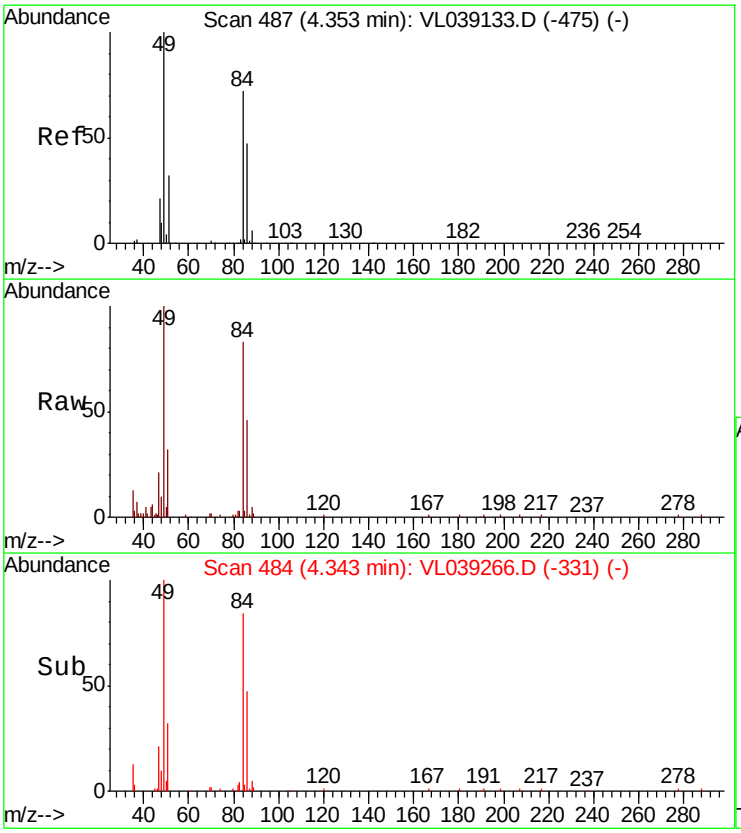
#19
Isopropyl Alcohol
Concen: 5.438 ppbv
RT: 3.97
Delta R.T
Lab File:
Acq: 14 Jun 2022 00:40

Instrument :
MSVOA_L
ClientSampleId :
A-1DL

Tgt Ion: 45 Resp: 334256

Ion	Ratio	Lower	Upper
45	100		
58	6.2	1.8	2.8#

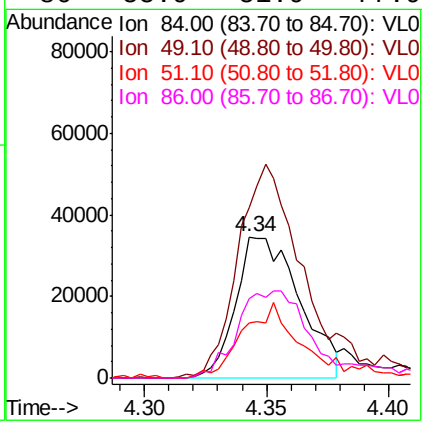


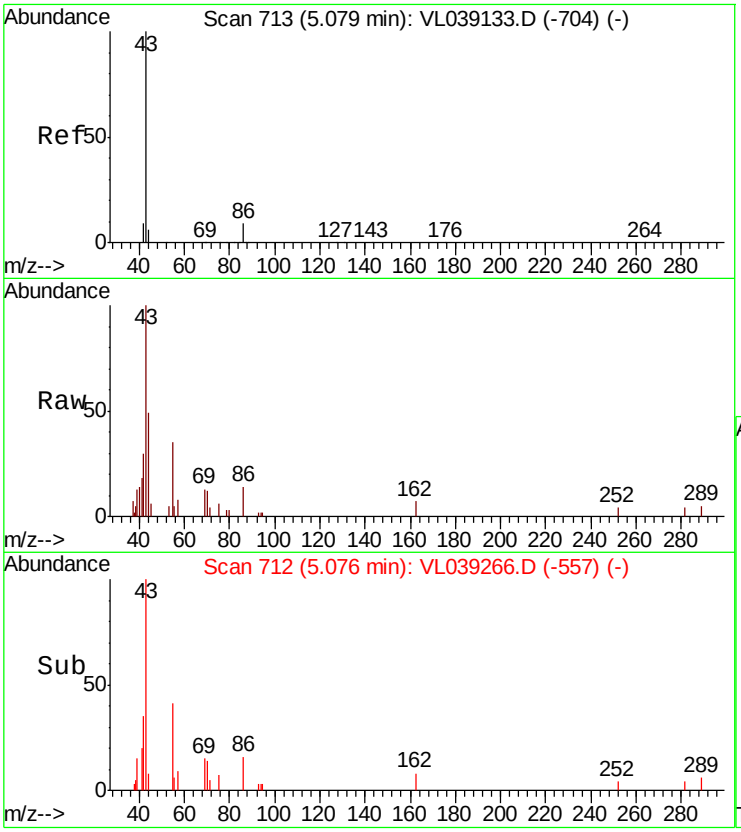


#20
Methylene Chloride
Concen: 1.139 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.01 min
Lab File: VL039266.D
Acq: 14 Jun 2022 00:40

Tgt Ion: 84 Resp: 62878

Ion	Ratio	Lower	Upper
84	100		
49	117.2	111.1	166.7
51	38.5	35.3	52.9
86	55.9	51.9	77.9



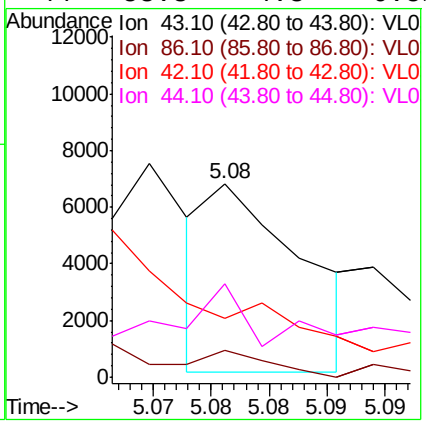


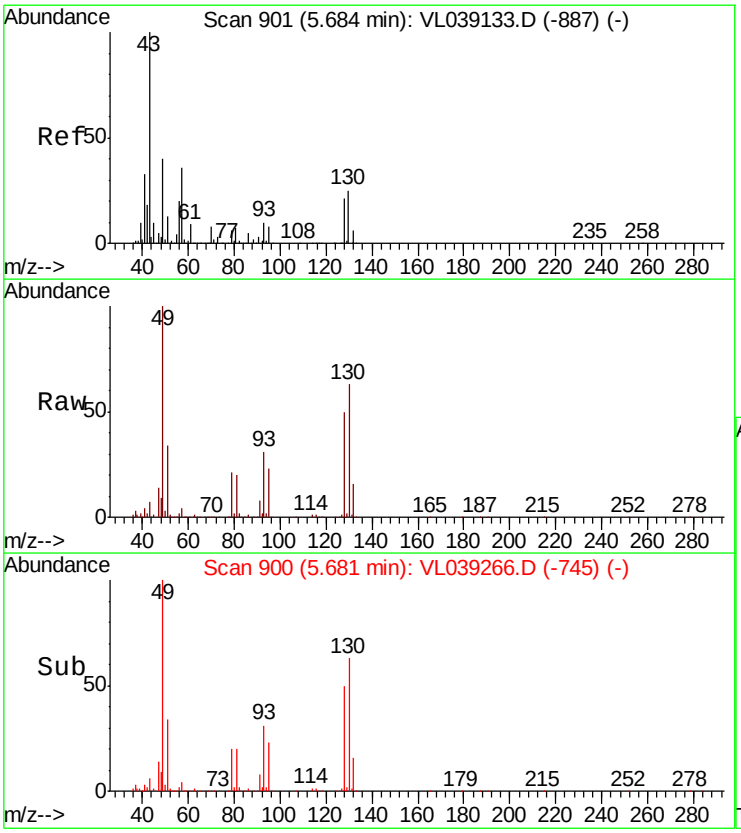
#23
Vinyl Acetate
Concen: 0.035 ppbv
RT: 5.08
Delta R.T
Lab File:
Acq: 14 Jun 2022 00:40

Instrument :
MSVOA_L
ClientSampleId :
A-1DL

Tgt Ion: 43 Resp: 3754

Ion	Ratio	Lower	Upper
43	100		
86	29.8	6.0	9.0#
42	20.7	8.2	12.4#
44	58.8	4.3	6.5#

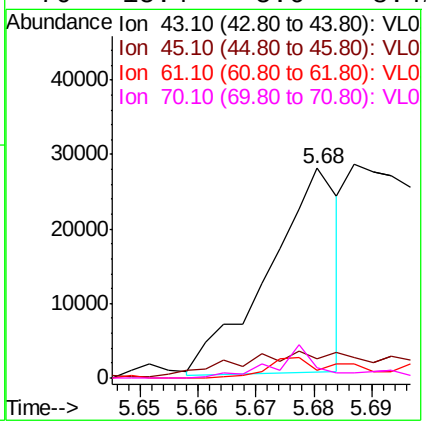


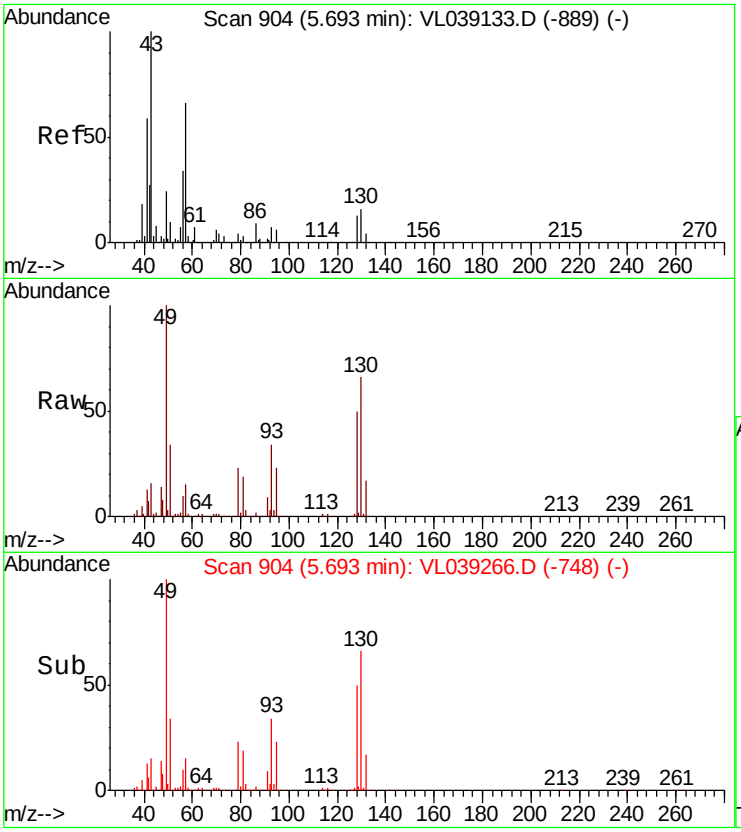


#25
Ethyl Acetate
Concen: 0.078 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.00 min
Lab File: VL039266.D
Acq: 14 Jun 2022 00:40

Tgt Ion: 43 Resp: 23185

Ion	Ratio	Lower	Upper
43	100		
45	32.5	8.2	12.2#
61	16.7	8.4	12.6#
70	15.4	5.6	8.4#



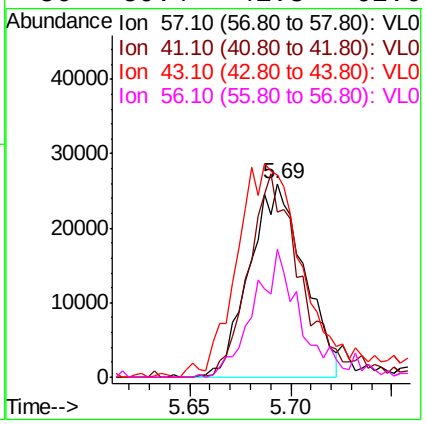


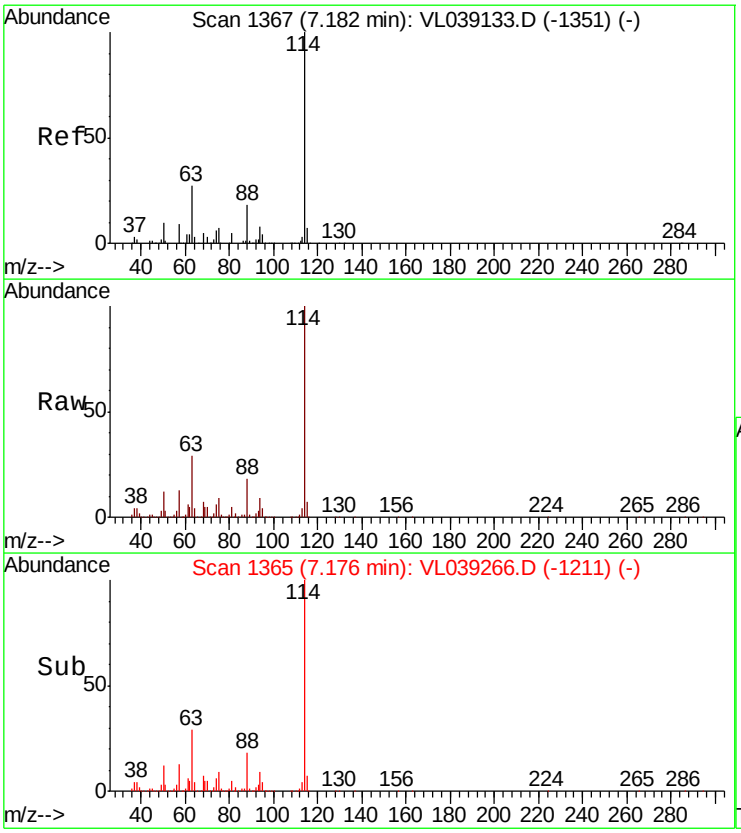
#26
Hexane
Concen: 0.377 ppbv
RT: 5.69
Delta R.T
Lab File:
Acq: 14 Jun 2022 00:40

Instrument :
MSVOA_L
ClientSampleId :
A-1DL

Tgt Ion: 57 Resp: 48891

Ion	Ratio	Lower	Upper
57	100		
41	105.3	72.4	108.6
43	147.8	187.0	280.6#
56	59.4	41.8	62.6

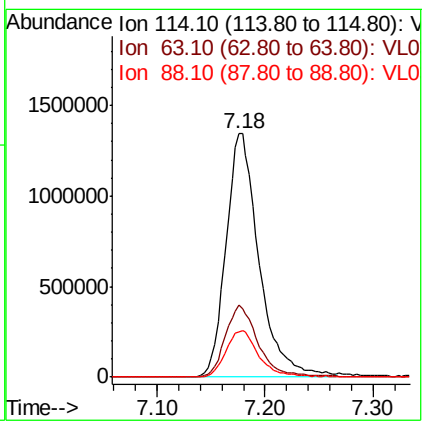


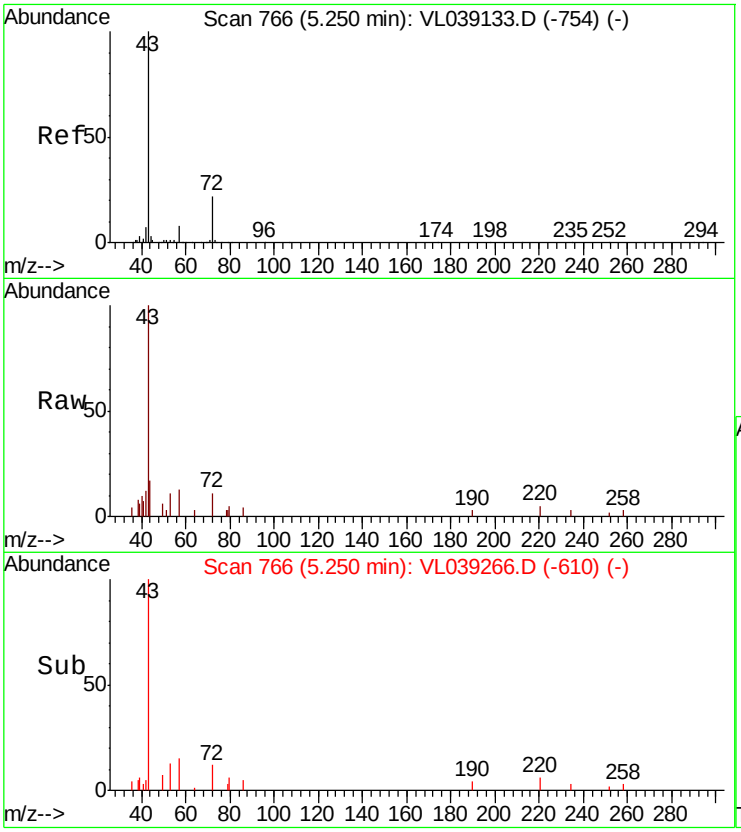


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.01 min
Lab File: VL039266.D
Acq: 14 Jun 2022 00:40

Tgt Ion:114 Resp: 2871692

Ion	Ratio	Lower	Upper
114	100		
63	29.8	21.7	32.5
88	19.4	14.8	22.2



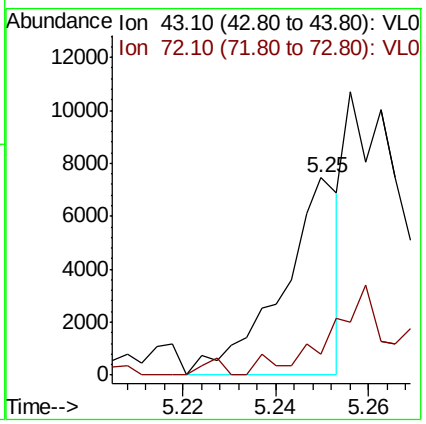


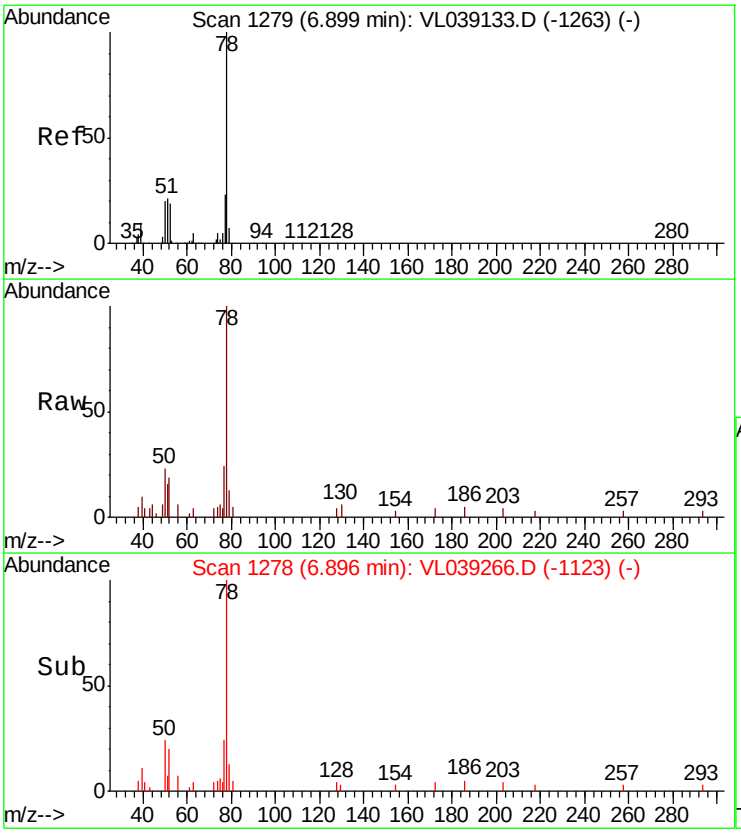
#34
2-Butanone
Concen: 0.041 ppbv
RT: 5.25
Delta R.T
Lab File:
Acq: 14 Jun 2022 00:40

Instrument :
MSVOA_L
ClientSampleId :
A-1DL

Tgt Ion: 43 Resp: 6381

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.2	27.2#

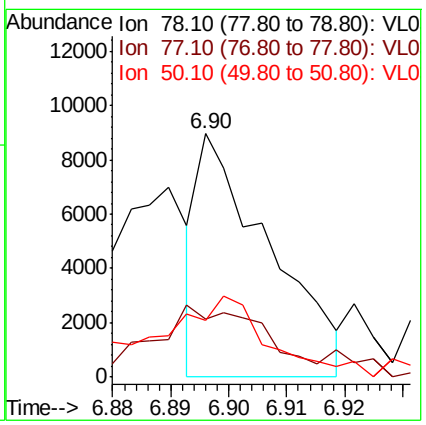


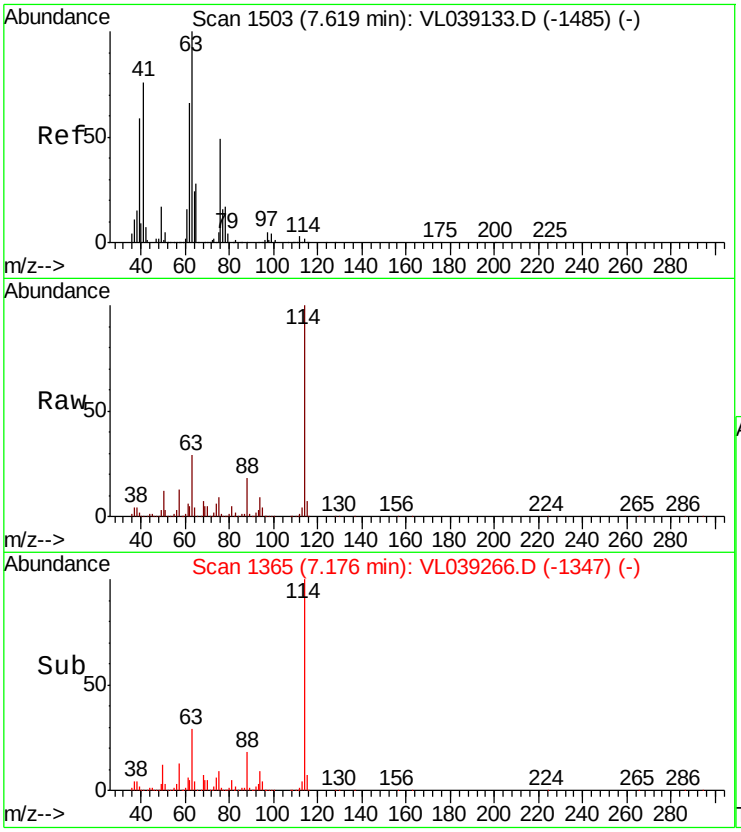


#36
Benzene
Concen: 0.033 ppbv
RT: 6.90 min Scan# 1278
Delta R.T. -0.00 min
Lab File: VL039266.D
Acq: 14 Jun 2022 00:40

Tgt Ion: 78 Resp: 7673

Ion	Ratio	Lower	Upper
78	100		
77	15.9	18.6	27.8#
50	22.9	15.8	23.8



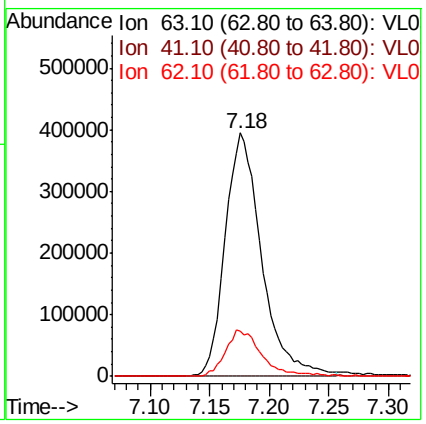


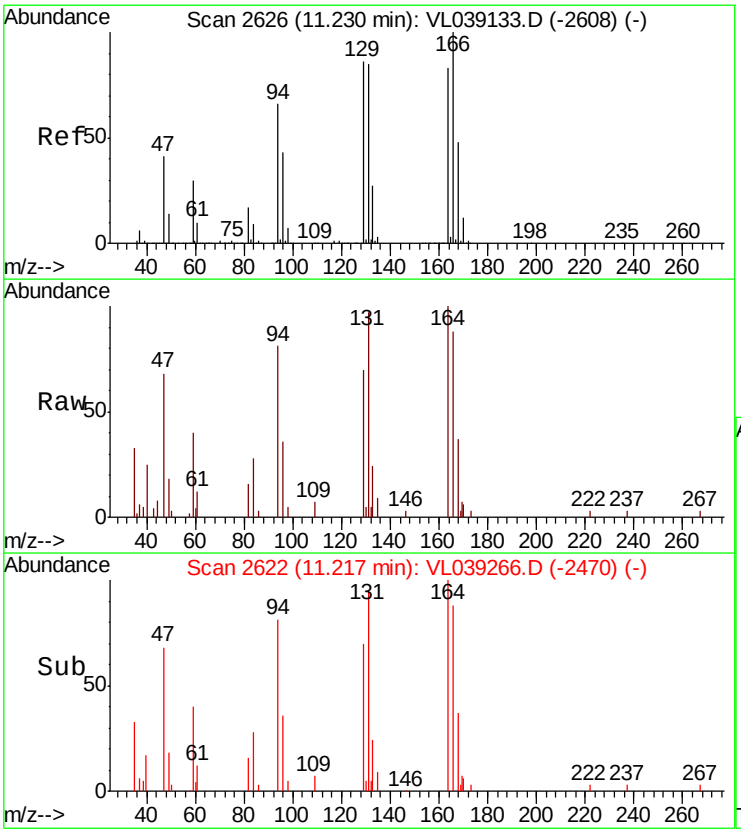
#39
1,2-Dichloropropane
Concen: 9.039 ppbv
RT: 7.18
Delta R.T
Lab File:
Acq: 14 Jun 2022 00:40

Instrument :
MSVOA_L
ClientSampleId :
A-1DL

Tgt Ion: 63 Resp: 838172

Ion	Ratio	Lower	Upper
63	100		
41	0.1	60.8	91.2#
62	18.3	52.9	79.3#

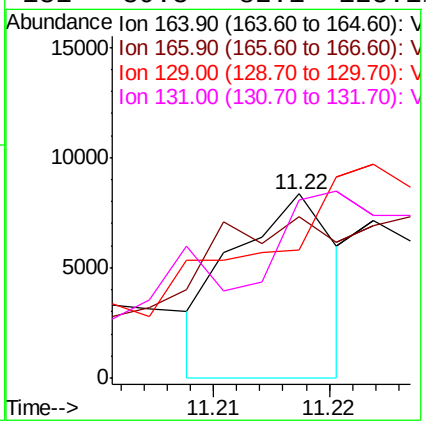


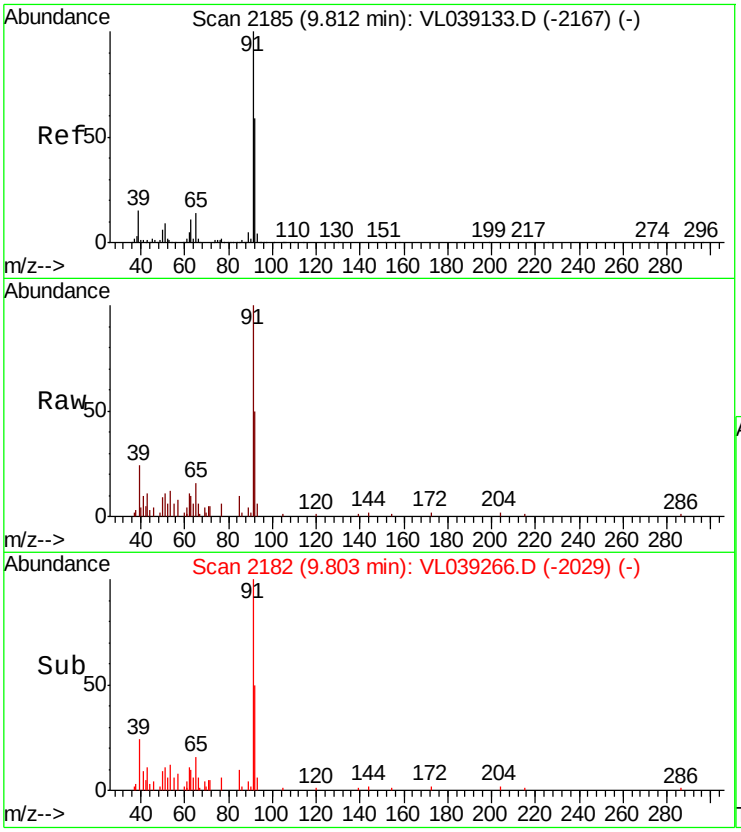


#52
Tetrachloroethene
Concen: 0.056 ppbv
RT: 11.22 min Scan# 2622
Delta R.T. -0.01 min
Lab File: VL039266.D
Acq: 14 Jun 2022 00:40

Tgt Ion:164 Resp: 5100

Ion	Ratio	Lower	Upper
164	100		
166	61.9	96.3	144.5#
129	9.7	82.5	123.7#
131	39.3	82.1	123.1#



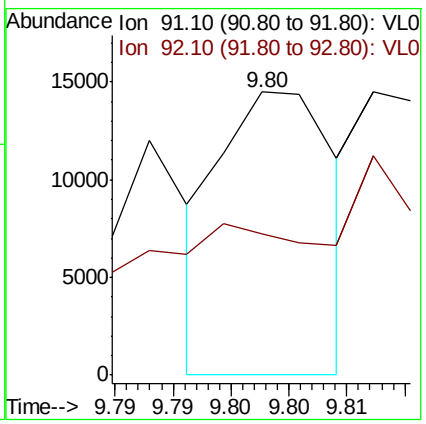


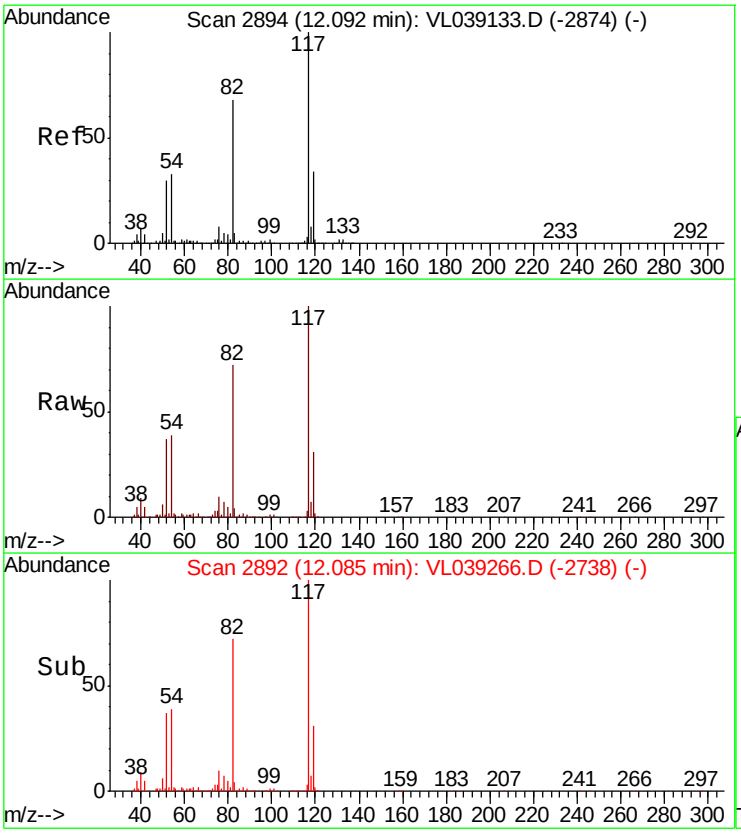
#53
Toluene
Concen: 0.037 ppbv
RT: 9.80
Delta R.T
Lab File:
Acq: 14 Jun 2022 00:40

Instrument :
MSVOA_L
ClientSampleId :
A-1DL

Tgt Ion: 91 Resp: 9903

Ion	Ratio	Lower	Upper
91	100		
92	0.0	48.1	72.1#

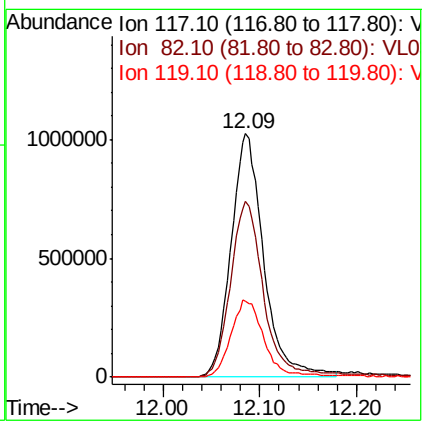


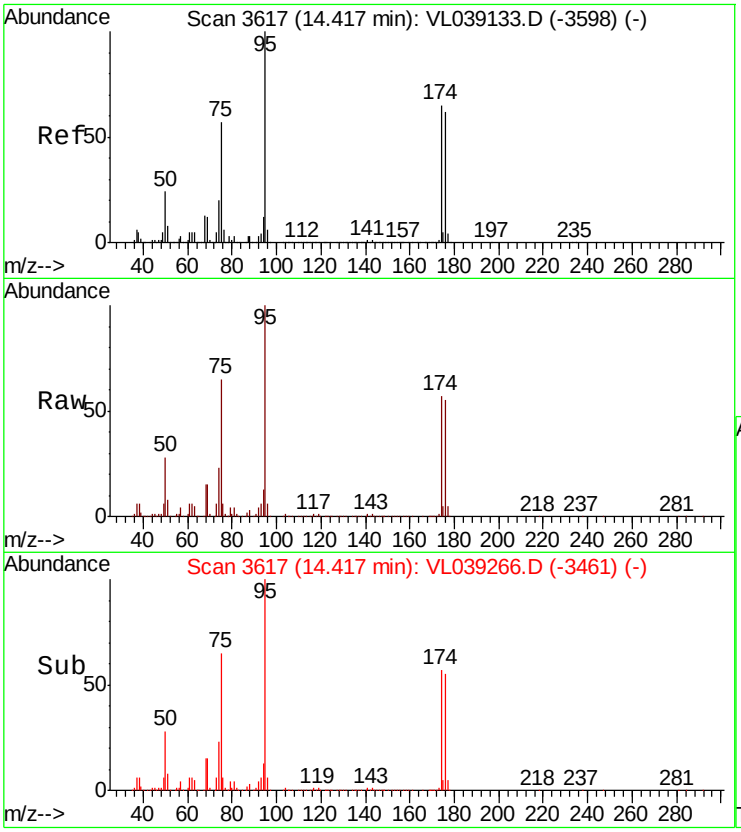


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL039266.D
Acq: 14 Jun 2022 00:40

Tgt Ion:117 Resp: 2407087

Ion	Ratio	Lower	Upper
117	100		
82	75.5	55.1	82.7
119	33.2	24.7	37.1





#68
1-Bromo-4-Fluorobenzene
Concen: 10.114 ppbv
RT: 14.42
Delta R.T
Lab File:
Acq: 14 Jun 2022 00:40

Instrument :
MSVOA_L
ClientSampleId :
A-1DL

Tgt Ion: 95 Resp: 2012671

Ion	Ratio	Lower	Upper
95	100		
174	61.2	53.8	80.8
175	4.5	4.1	6.1