Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092821\
Data File : VL037710.D
Acq On : 28 Sep 2021 20:01
Operator : SY/AP
Sample : M3948-02DL 40X
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Sep 29 03:41:51 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 16 13:42:46 2021
QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.68	49	1358831	10.00	ppbv		0.03
33) 1,4-Difluorobenzene	7.19	114	4018312	10.00	ppbv		0.03
55) Chlorobenzene-d5	12.09	117	3473180	10.00	ppbv		0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	2422990	9.65	ppbv		0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.35	85	11020	0.045	ppbv		91
3) Chlorodifluoromethane	3.00	51	23175	0.090	ppbv	#	91
9) Propene	3.02	41	9939	0.110	ppbv	#	31
13) Ethanol	3.63	45	7077	0.800	ppbv	#	1
15) Acetone	3.86	43	1060044	7.508	ppbv		98
16) 1,3-Butadiene	3.36	39	3490	0.040	ppbv	#	45
20) Methylene Chloride	4.35	84	13115	0.195	ppbv	#	64
26) Hexane	5.69	57	9485	0.058	ppbv	#	43
34) 2-Butanone	5.27	43	109860	0.673	ppbv	#	87
38) Trichloroethene	7.84	130	421299	3.010	ppbv		94
39) 1,2-Dichloropropane	7.19	63	924169	7.201	ppbv	#	27
51) 2-Hexanone	10.16	43	10081	0.110	ppbv	#	83
52) Tetrachloroethene	11.23	164	332766	2.587	ppbv		98
74) 1,2,4-Trimethylbenzene	16.77	105	31947	0.074	ppbv	#	72

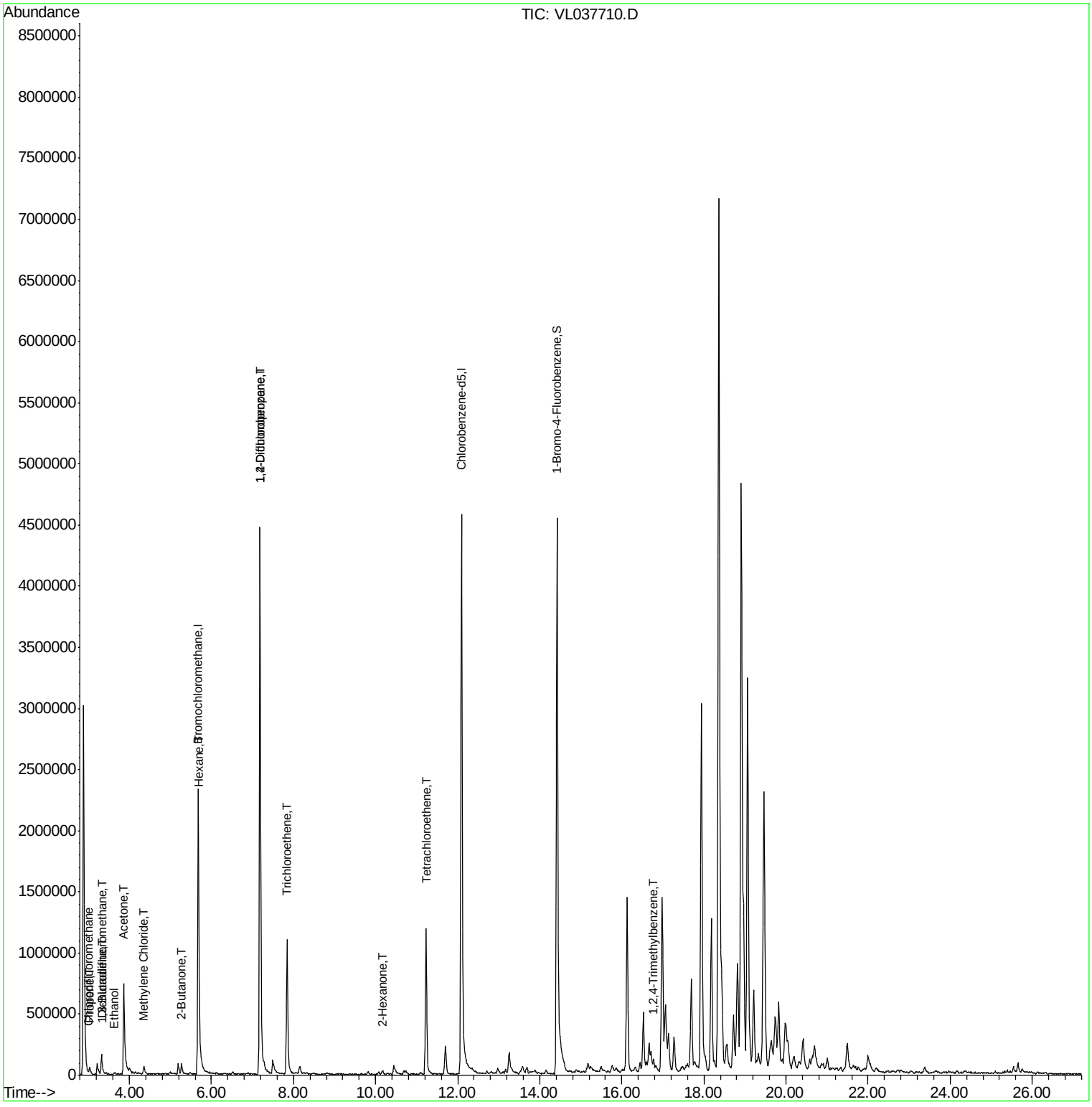
(#) = qualifier out of range (m) = manual integration (+) = signals summed

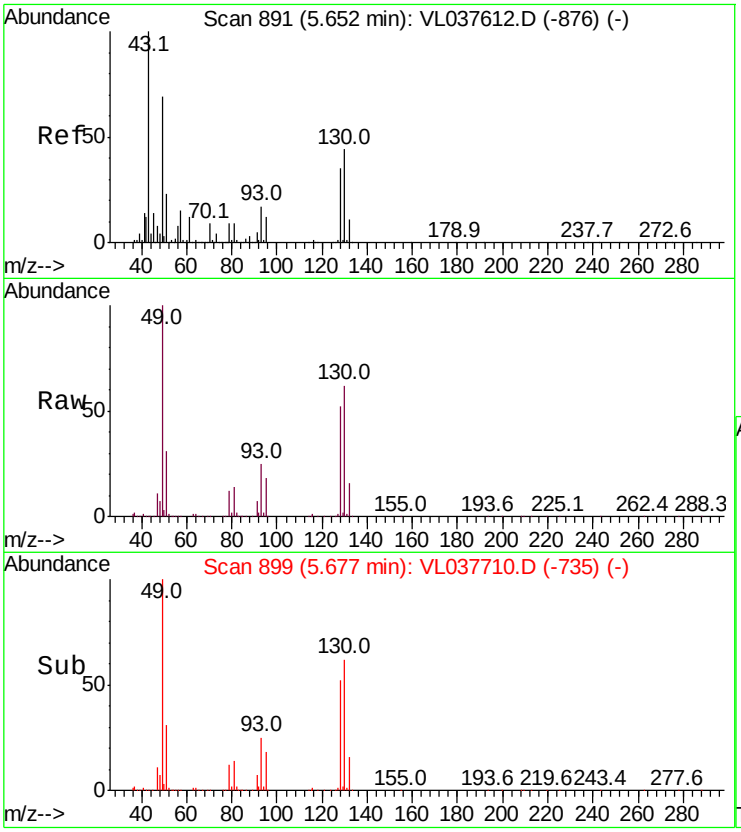
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092821\
Data File : VL037710.D
Acq On : 28 Sep 2021 20:01
Operator : SY/AP
Sample : M3948-02DL 40X
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Sep 29 03:41:51 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 16 13:42:46 2021
QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration



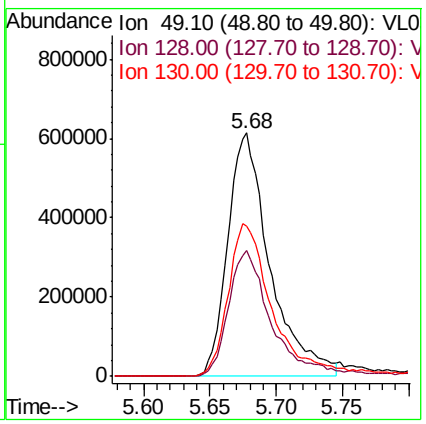


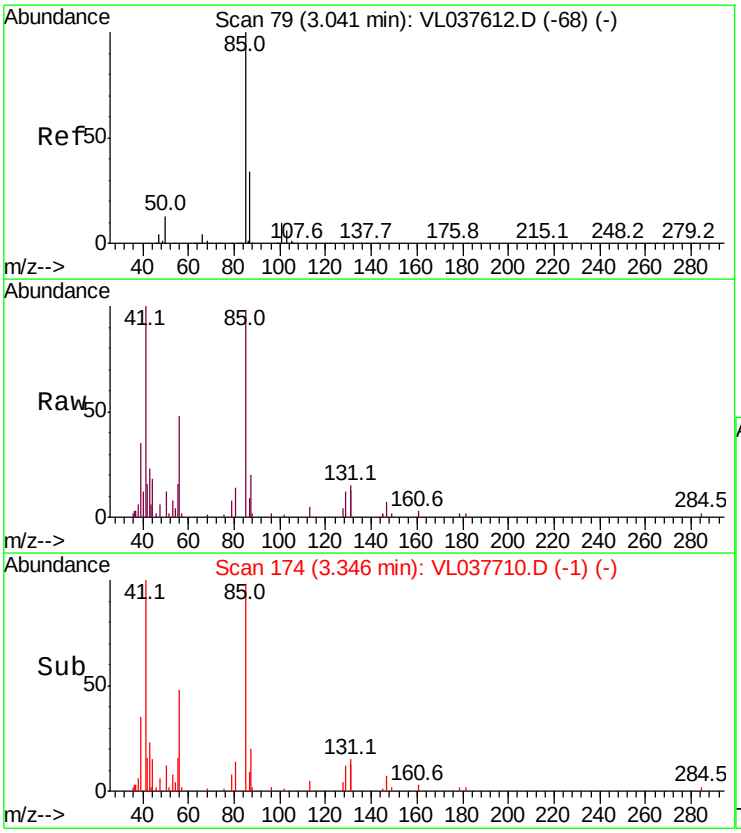
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 28 Sep 2021 20:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1358831

Ion	Ratio	Lower	Upper
49	100		
128	54.9	27.9	83.6
130	68.8	33.9	101.7

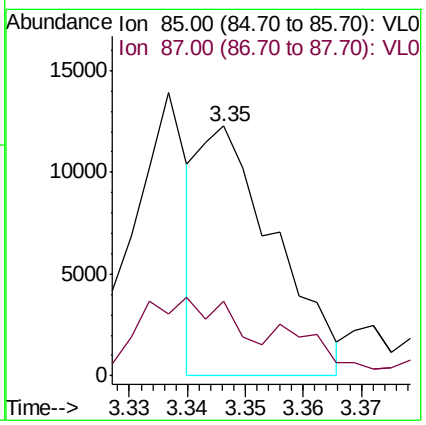


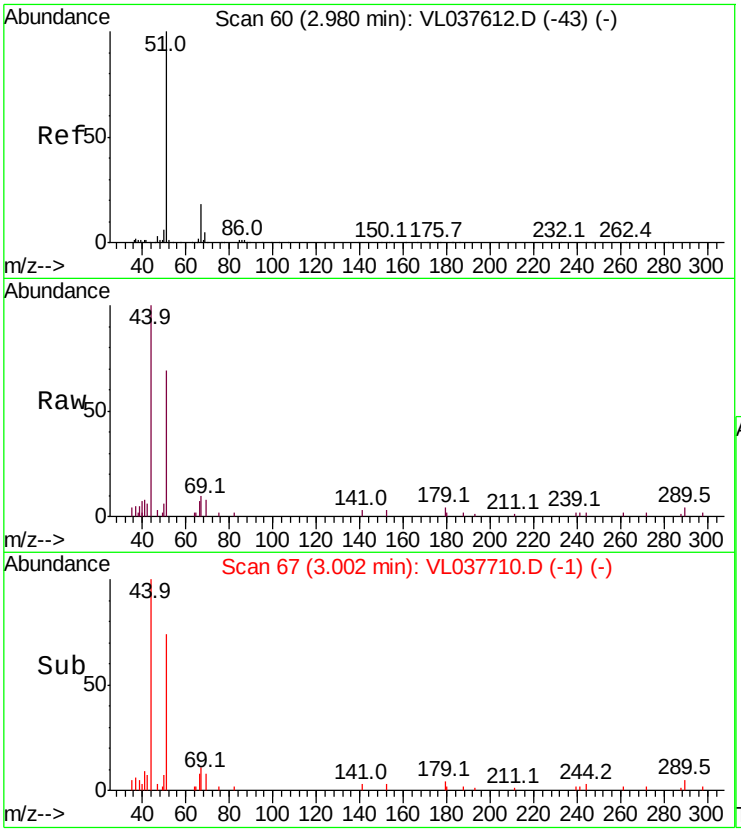


#2
Dichlorodifluoromethane
Concen: 0.045 ppbv
RT: 3.35 min Scan# 174
Delta R.T. 0.31 min
Lab File: VL037710.D
Acq: 28 Sep 2021 20:01

Tgt Ion: 85 Resp: 11020

Ion	Ratio	Lower	Upper
85	100		
87	28.5	26.8	40.2



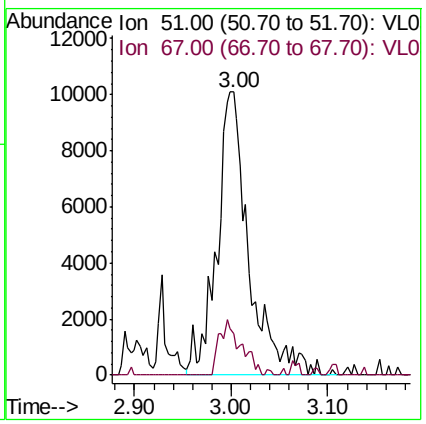


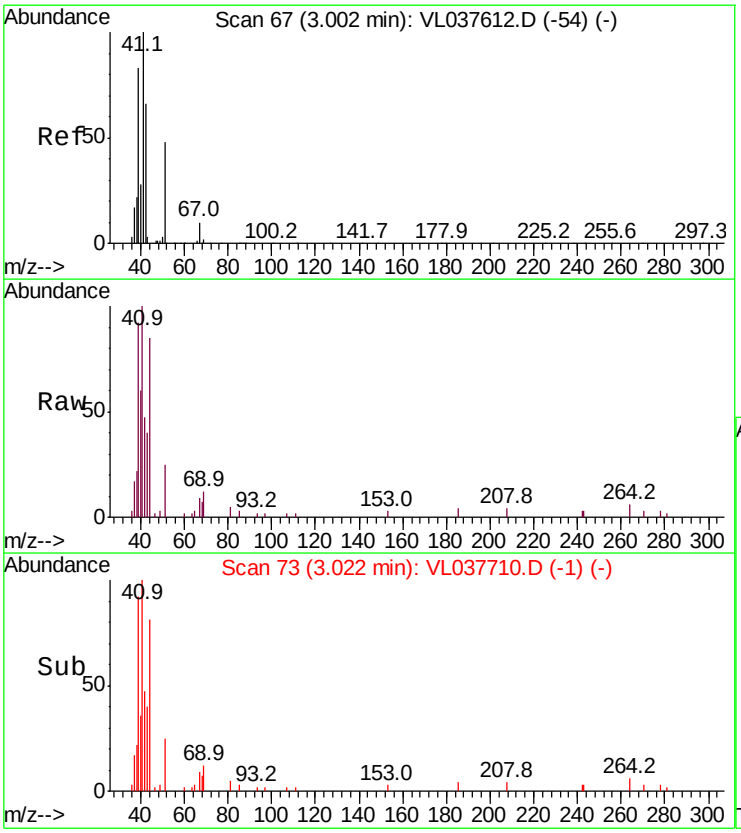
#3
Chlorodifluoromethane
Concen: 0.090 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 28 Sep 2021 20:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 23175

Ion	Ratio	Lower	Upper
51	100		
67	13.6	14.0	21.0#

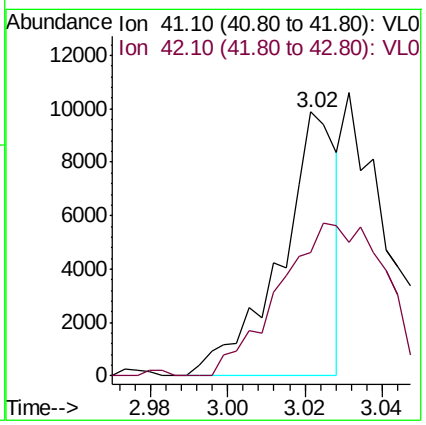


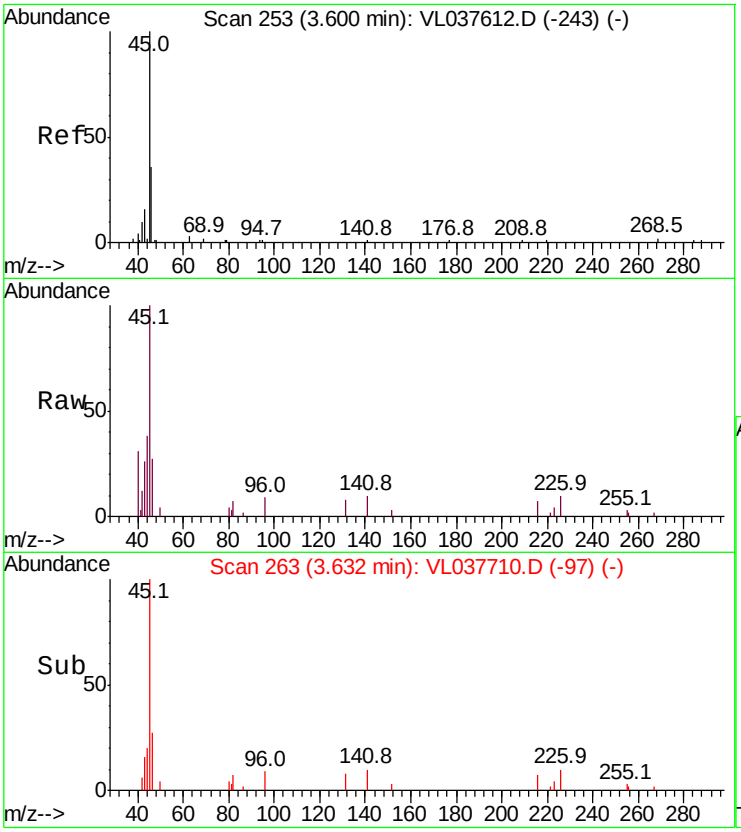


#9
Propene
Concen: 0.110 ppbv
RT: 3.02 min Scan# 73
Delta R.T. 0.02 min
Lab File: VL037710.D
Acq: 28 Sep 2021 20:01

Tgt Ion: 41 Resp: 9939

Ion	Ratio	Lower	Upper
41	100		
42	129.1	57.2	85.8#



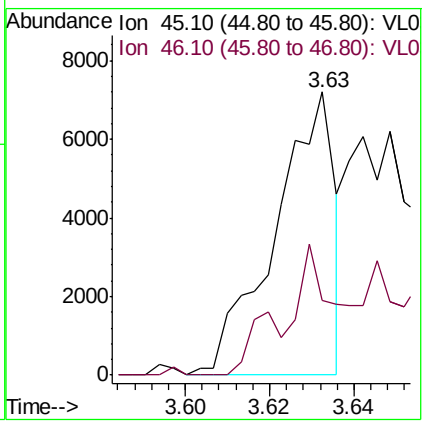


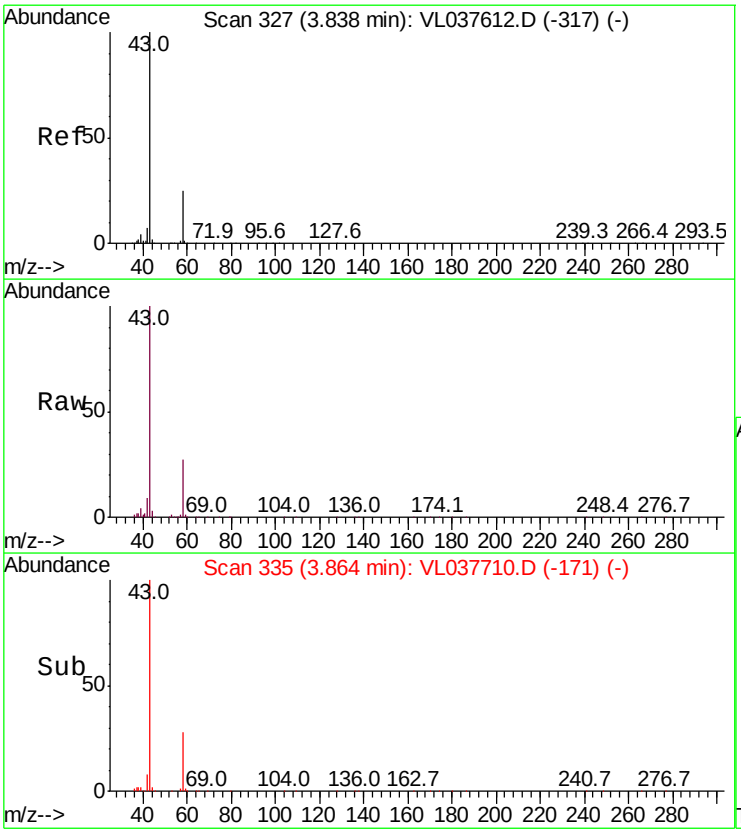
#13
Ethanol
Concen: 0.800 ppbv
RT: 3.63
Delta R.T
Lab File:
Acq: 28 Sep 2021 20:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 7077

Ion	Ratio	Lower	Upper
45	100		
46	107.2	17.2	68.8#

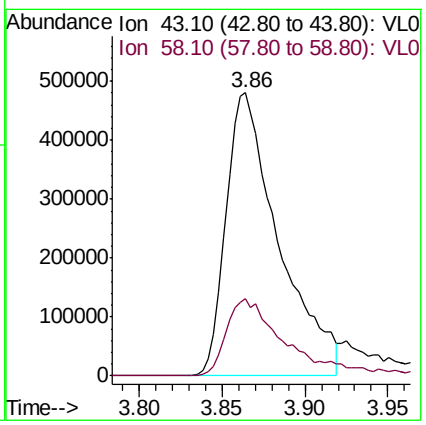


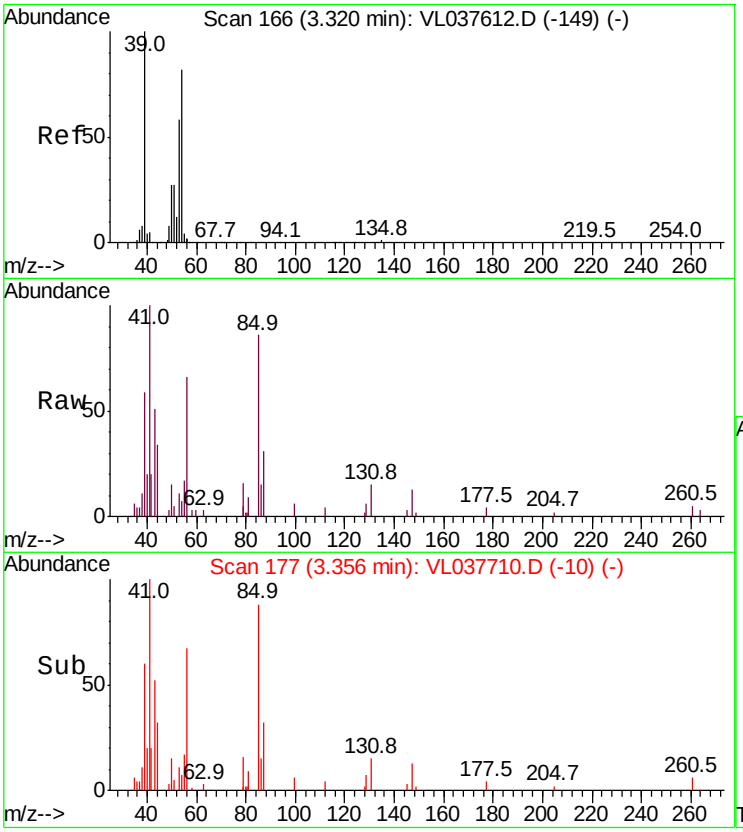


#15
Acetone
Concen: 7.508 ppbv
RT: 3.86 min Scan# 335
Delta R.T. 0.03 min
Lab File: VL037710.D
Acq: 28 Sep 2021 20:01

Tgt Ion: 43 Resp: 1060044

Ion	Ratio	Lower	Upper
43	100		
58	32.2	24.9	37.3



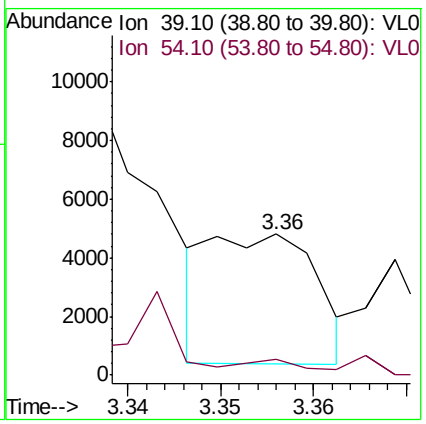


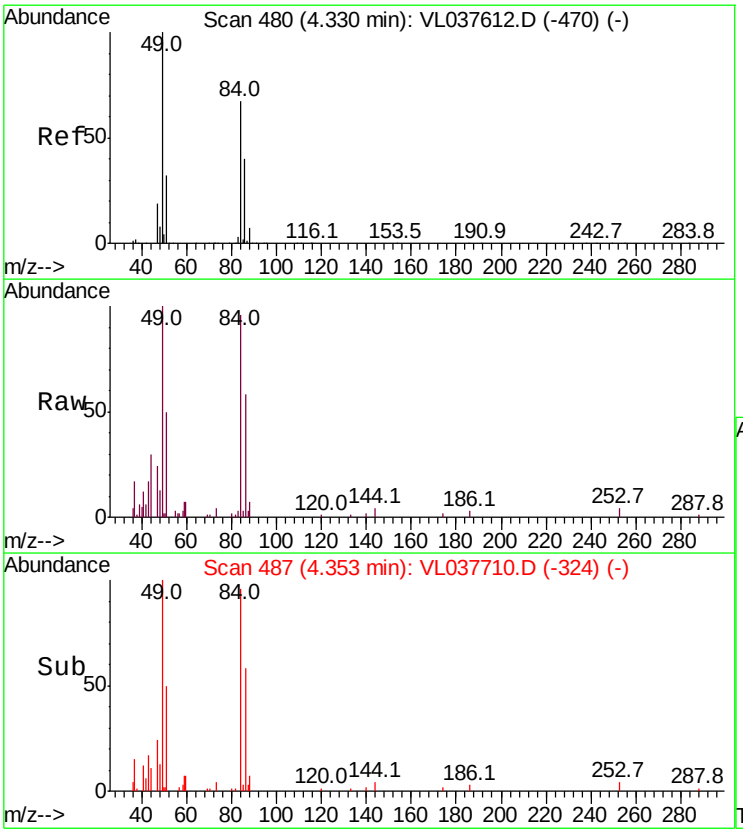
#16
1,3-Butadiene
Concen: 0.040 ppbv
RT: 3.36
Delta R.T
Lab File:
Acq: 28 Sep 2021 20:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 39 Resp: 3490

Ion	Ratio	Lower	Upper
39	100		
54	126.5	62.6	93.8#

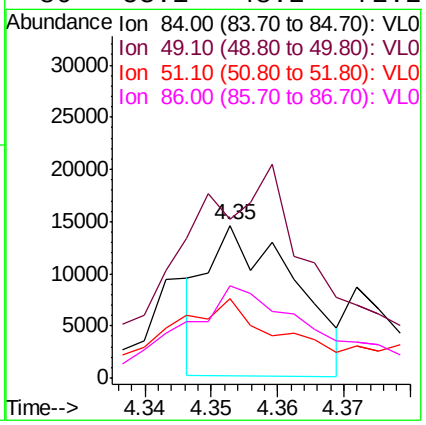


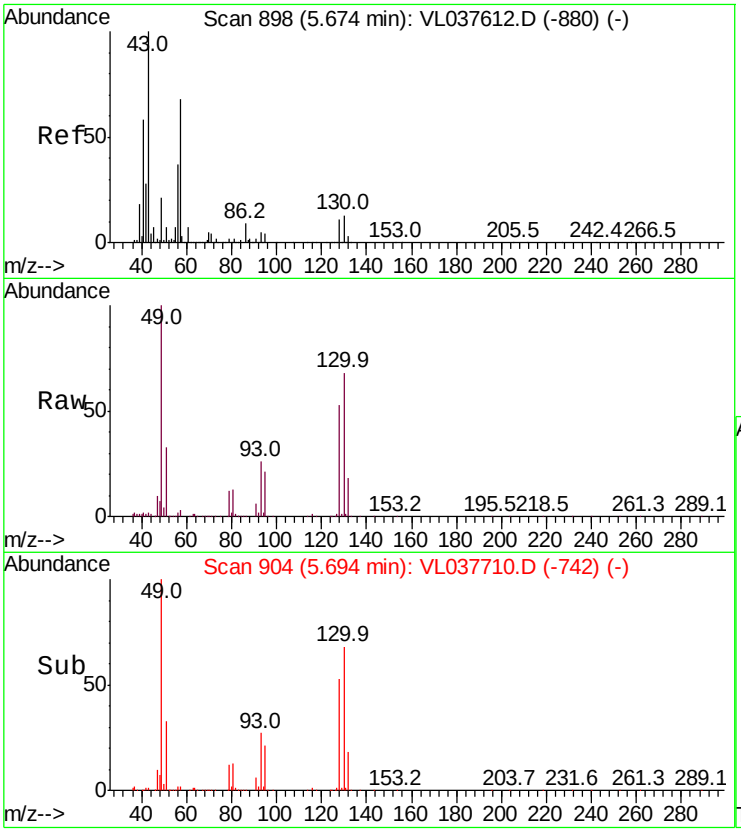


#20
Methylene Chloride
Concen: 0.195 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.02 min
Lab File: VL037710.D
Acq: 28 Sep 2021 20:01

Tgt Ion: 84 Resp: 13115

Ion	Ratio	Lower	Upper
84	100		
49	79.9	120.0	180.0#
51	52.5	38.0	57.0
86	53.1	48.2	72.2



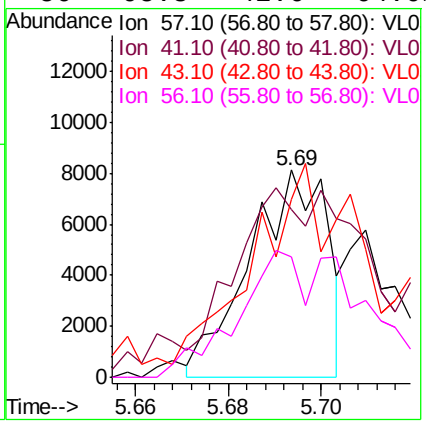


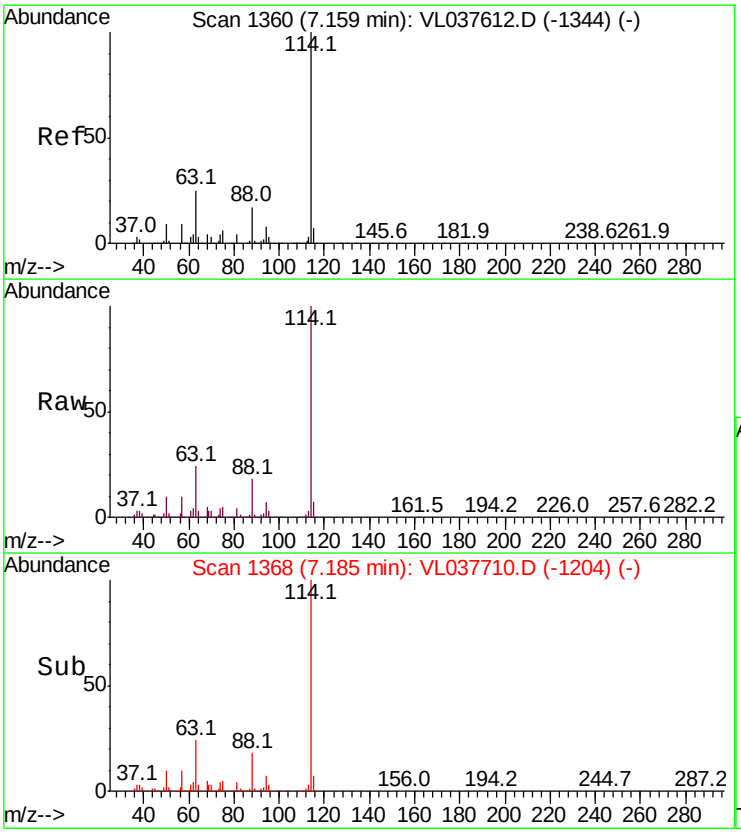
#26
Hexane
Concen: 0.058 ppbv
RT: 5.69
Delta R.T
Lab File:
Acq: 28 Sep 2021 20:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 9485

Ion	Ratio	Lower	Upper
57	100		
41	202.8	70.9	106.3#
43	166.6	170.4	255.6#
56	95.8	42.6	64.0#

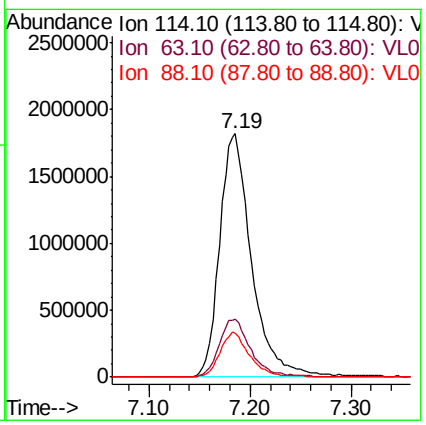


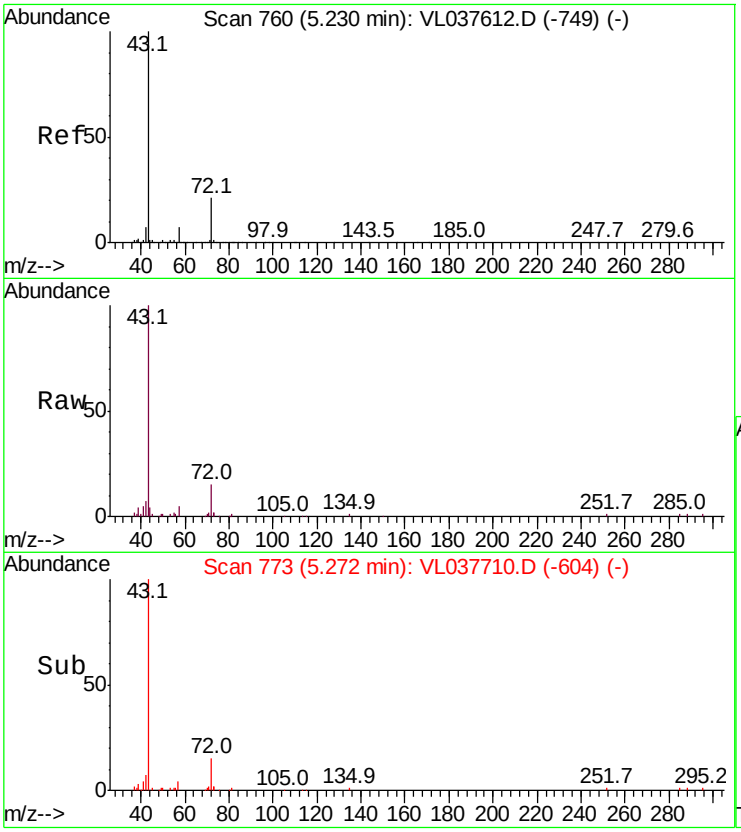


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. 0.03 min
Lab File: VL037710.D
Acq: 28 Sep 2021 20:01

Tgt Ion:114 Resp: 4018312

Ion	Ratio	Lower	Upper
114	100		
63	23.9	19.6	29.4
88	17.8	14.2	21.4



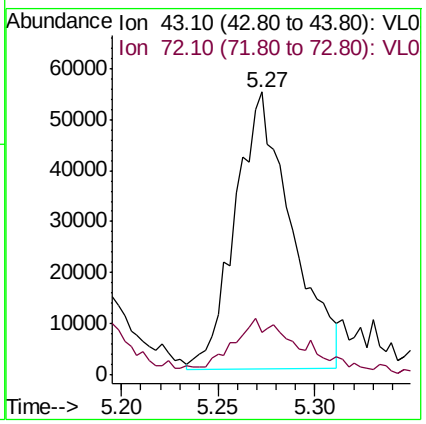


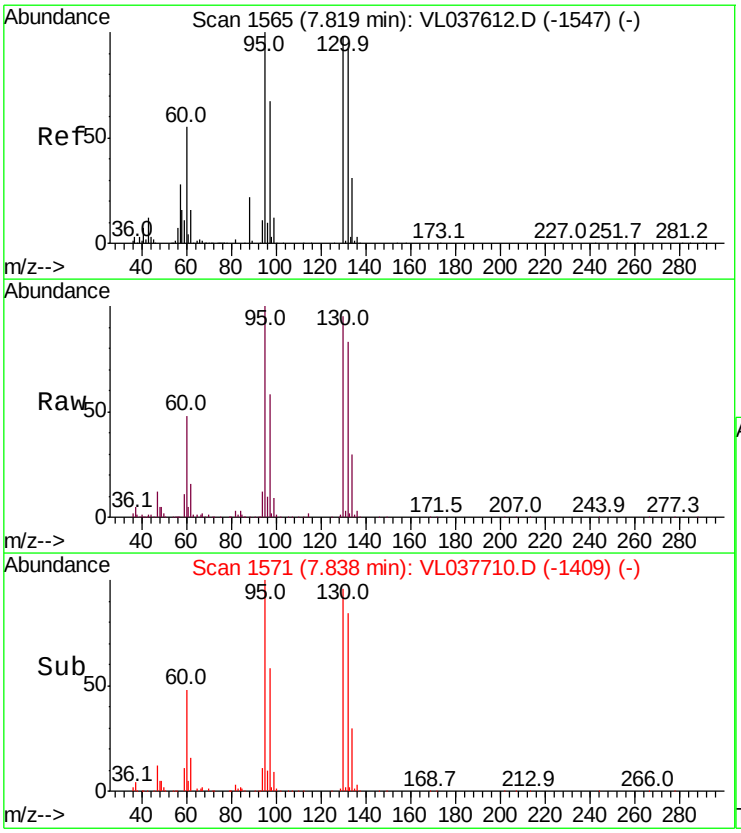
#34
2-Butanone
Concen: 0.673 ppbv
RT: 5.27
Delta R.T
Lab File:
Acq: 28 Sep 2021 20:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 109860

Ion	Ratio	Lower	Upper
43	100		
72	29.3	18.4	27.6#

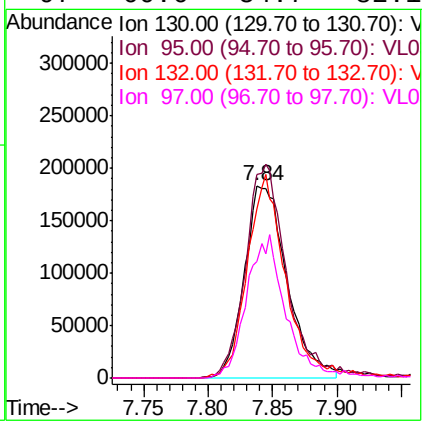


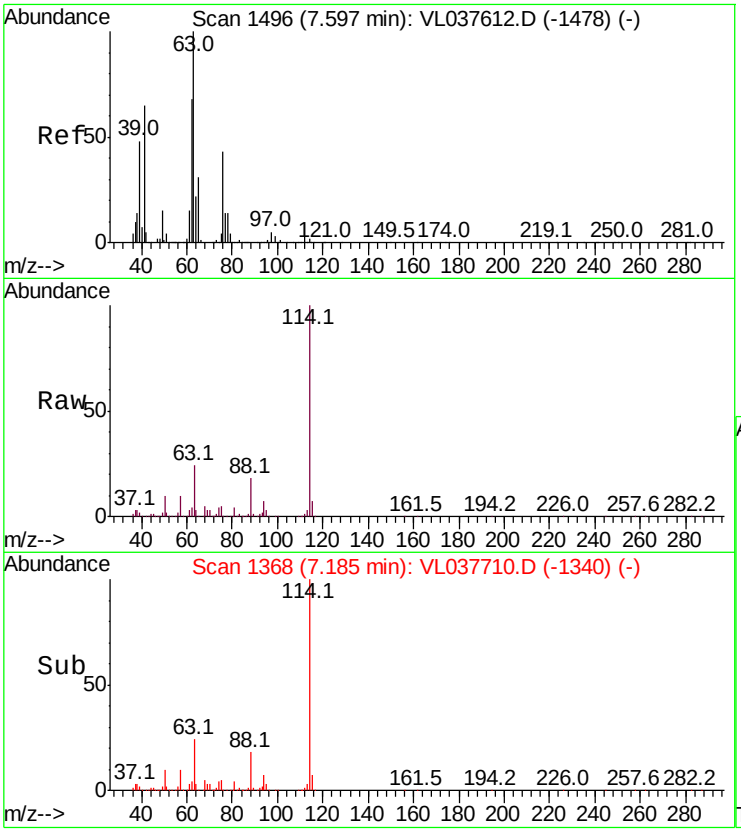


#38
Trichloroethene
Concen: 3.010 ppbv
RT: 7.84 min Scan# 1571
Delta R.T. 0.02 min
Lab File: VL037710.D
Acq: 28 Sep 2021 20:01

Tgt Ion:130 Resp: 421299

Ion	Ratio	Lower	Upper
130	100		
95	105.4	81.8	122.6
132	87.7	75.3	112.9
97	60.6	54.7	82.1



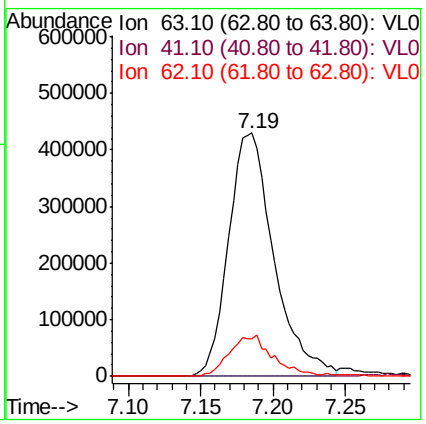


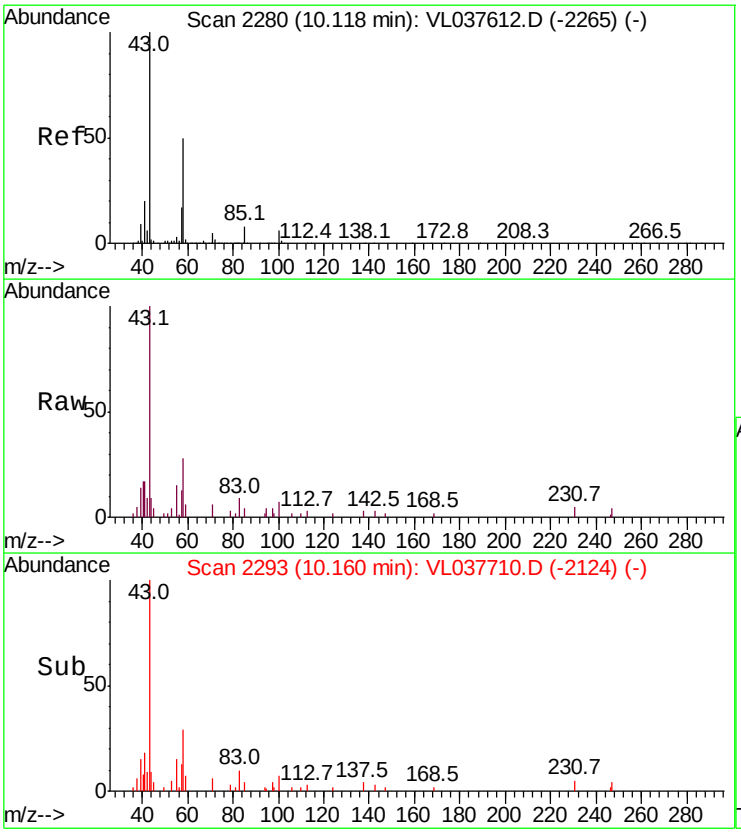
#39
1,2-Dichloropropane
Concen: 7.201 ppbv
RT: 7.19
Delta R.T
Lab File:
Acq: 28 Sep 2021 20:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 924169

Ion	Ratio	Lower	Upper
63	100		
41	0.0	51.6	77.4#
62	15.5	54.6	81.8#

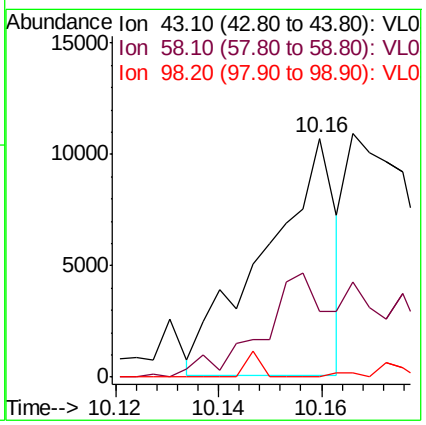


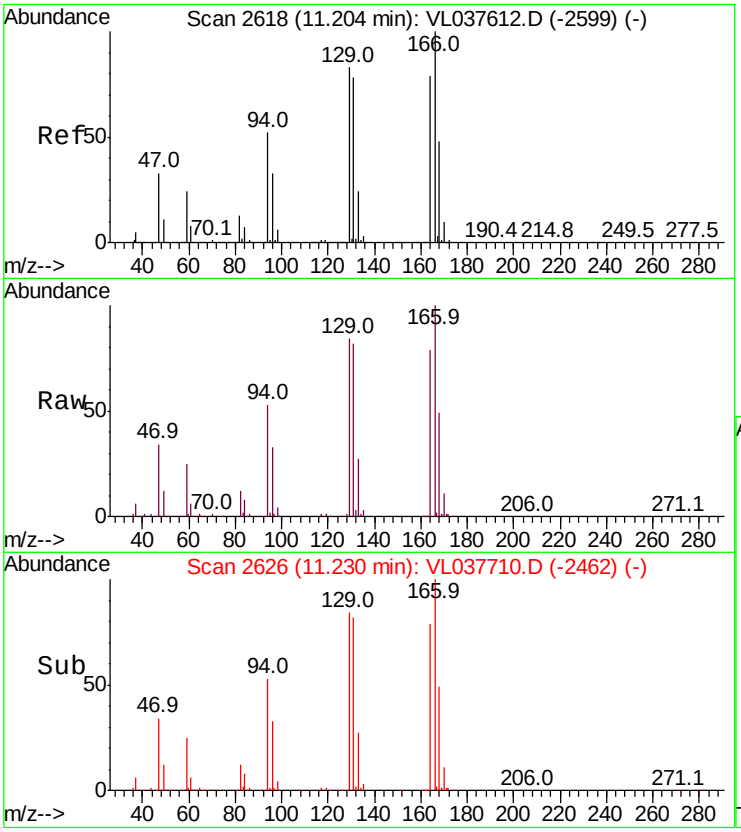


#51
2-Hexanone
Concen: 0.110 ppbv
RT: 10.16 min Scan# 2293
Delta R.T. 0.04 min
Lab File: VL037710.D
Acq: 28 Sep 2021 20:01

Tgt Ion: 43 Resp: 10081

Ion	Ratio	Lower	Upper
43	100		
58	60.6	39.3	58.9#
98	5.5	0.4	0.6#



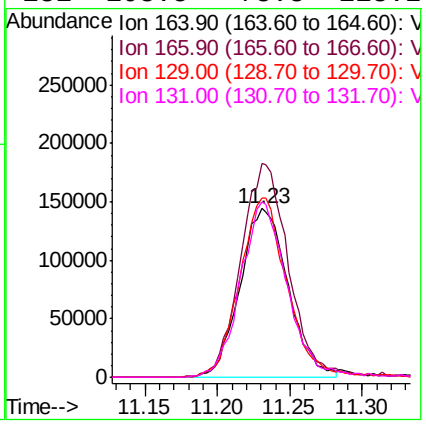


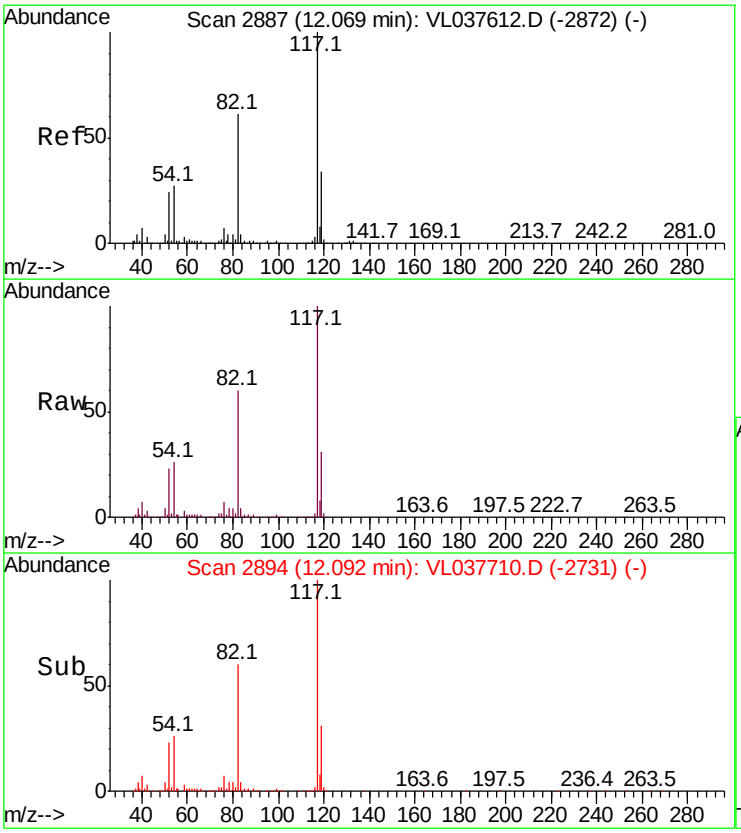
#52
Tetrachloroethene
Concen: 2.587 ppbv
RT: 11.23
Delta R.T
Lab File:
Acq: 28 Sep 2021 20:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:164 Resp: 332766

Ion	Ratio	Lower	Upper
164	100		
166	125.9	101.2	151.8
129	105.6	84.0	126.0
131	103.5	78.8	118.2

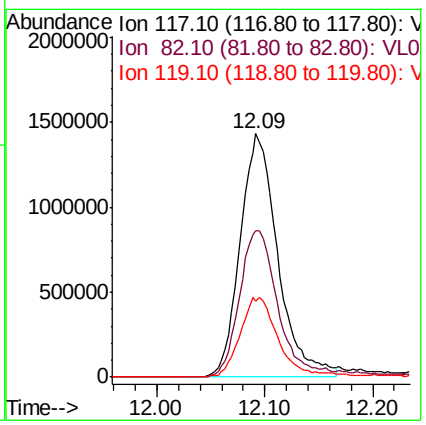


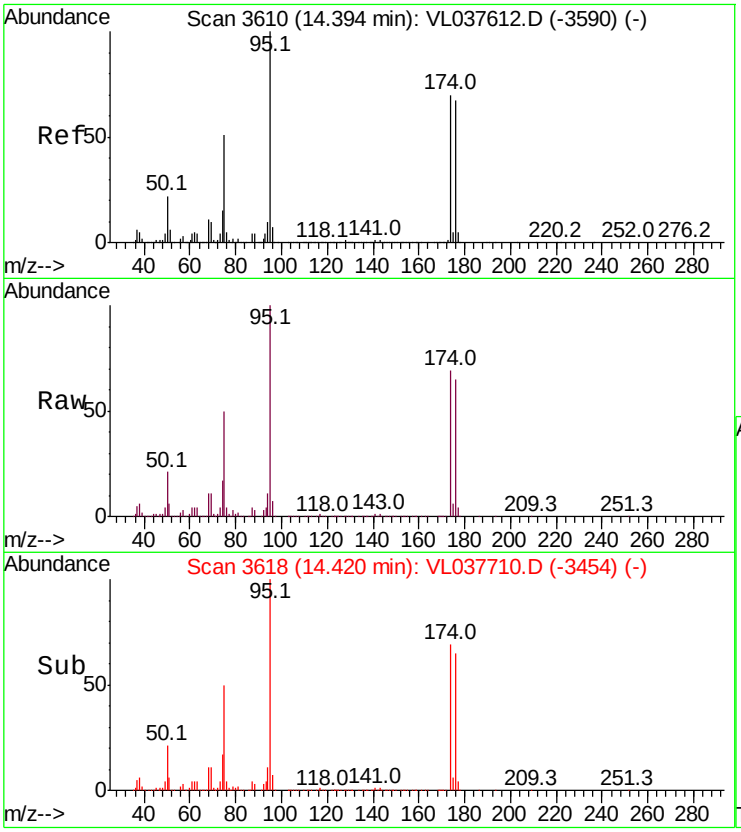


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2894
Delta R.T. 0.02 min
Lab File: VL037710.D
Acq: 28 Sep 2021 20:01

Tgt Ion:117 Resp: 3473180

Ion	Ratio	Lower	Upper
117	100		
82	64.9	50.6	75.8
119	34.4	26.2	39.2



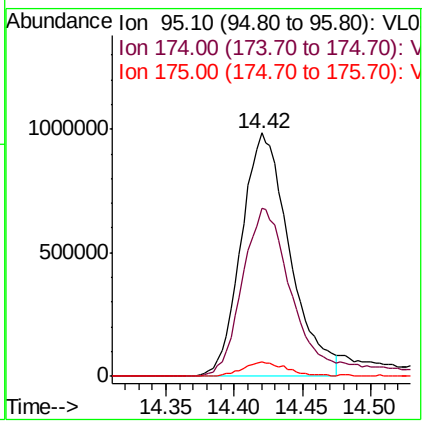


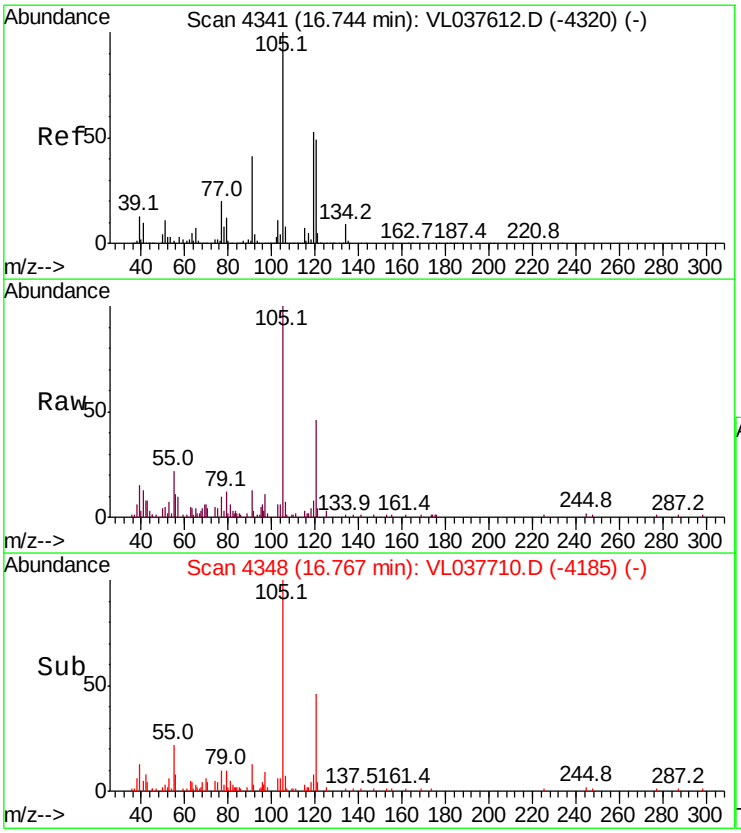
#68
1-Bromo-4-Fluorobenzene
Concen: 9.653 ppbv
RT: 14.42
Delta R.T
Lab File:
Acq: 28 Sep 2021 20:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2422990

Ion	Ratio	Lower	Upper
95	100		
174	78.2	56.3	84.5
175	5.7	4.4	6.6





#74
1,2,4-Trimethylbenzene
Concen: 0.074 ppbv
RT: 16.77 min Scan# 4348
Delta R.T. 0.02 min
Lab File: VL037710.D
Acq: 28 Sep 2021 20:01

Tgt Ion:105 Resp: 31947

Ion	Ratio	Lower	Upper
105	100		
120	44.8	39.4	59.0
91	9.5	33.3	49.9#
77	4.8	15.7	23.5#