Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110121\
Data File : VL037953.D
Acq On : 2 Nov 2021 00:51
Operator : SY/AP
Sample : M4425-01DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV1DL

Quant Time: Nov 02 06:08:16 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 02 05:54:07 2021
QLast Update : Tue Nov 02 05:54:07 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1467778	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4347424	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.07	117	3855369	10.00	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2710993	9.67	ppbv	-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.04	85	6533	0.032	ppbv #	74
9) Propene	3.01	41	8631	0.088	ppbv #	1
13) Ethanol	3.61	45	3870	0.392	ppbv #	32
15) Acetone	3.85	43	180311	1.487	ppbv #	69
20) Methylene Chloride	4.33	84	33888	0.509	ppbv	86
23) Vinyl Acetate	5.06	43	10739	0.059	ppbv #	85
25) Ethyl Acetate	5.67	43	20001	0.056	ppbv #	74
26) Hexane	5.67	57	24031	0.141	ppbv #	41
29) Chloroform	5.73	83	25032	0.098	ppbv	95
31) cis-1,2-Dichloroethene	5.54	61	20372	0.131	ppbv	95
34) 2-Butanone	5.25	43	88287	0.548	ppbv	97
38) Trichloroethene	7.82	130	116340	0.792	ppbv	95
39) 1,2-Dichloropropane	7.20	63	19064	0.143	ppbv #	30
51) 2-Hexanone	10.12	43	6034	0.068	ppbv #	30
52) Tetrachloroethene	11.20	164	2401239	17.879	ppbv	96
53) Toluene	9.79	91	46617	0.123	ppbv	90
74) 1,2,4-Trimethylbenzene	16.74	105	90957	0.205	ppbv #	74

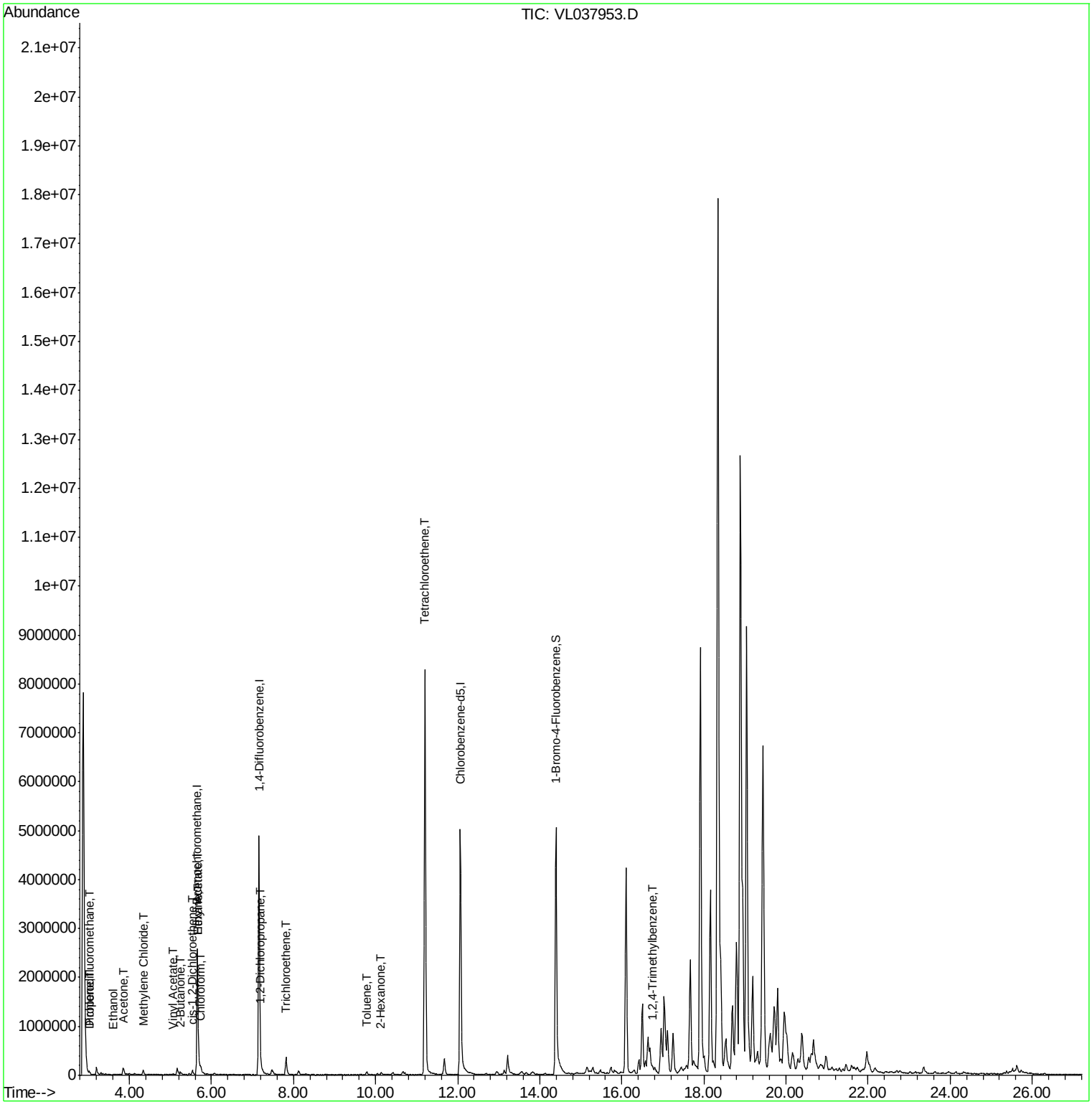
(#) = qualifier out of range (m) = manual integration (+) = signals summed

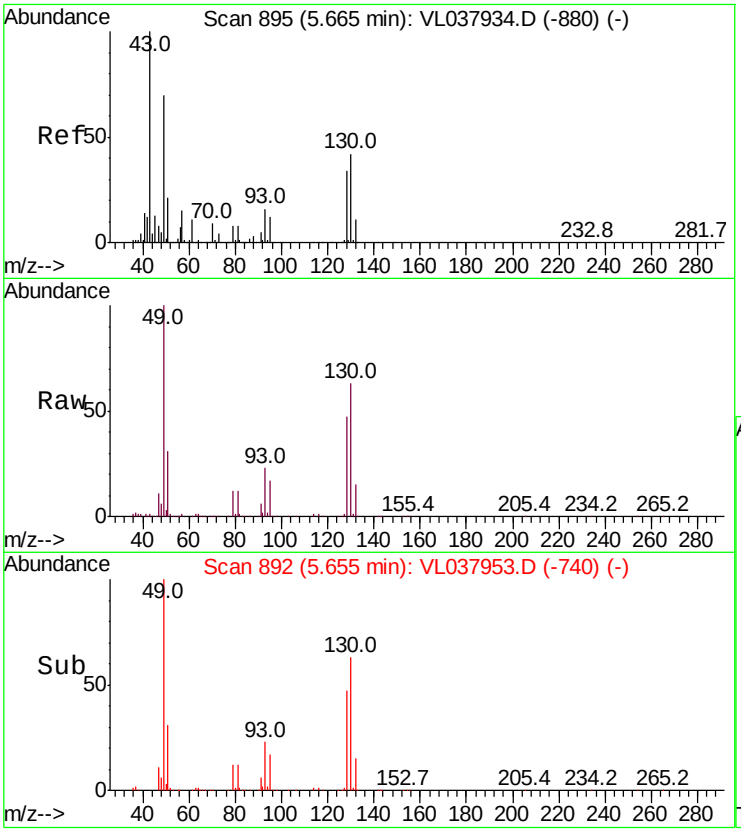
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110121\
Data File : VL037953.D
Acq On : 2 Nov 2021 00:51
Operator : SY/AP
Sample : M4425-01DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Quant Time: Nov 02 06:08:16 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 02 05:54:07 2021
QLast Update : Tue Nov 02 05:54:07 2021
Response via : Initial Calibration



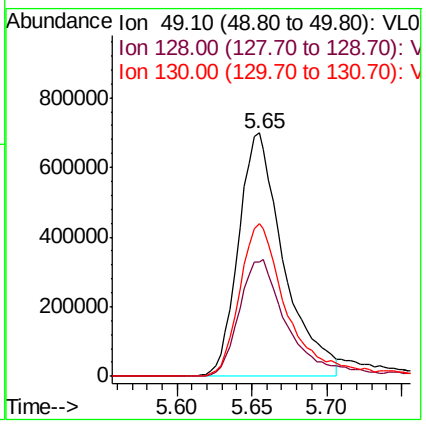


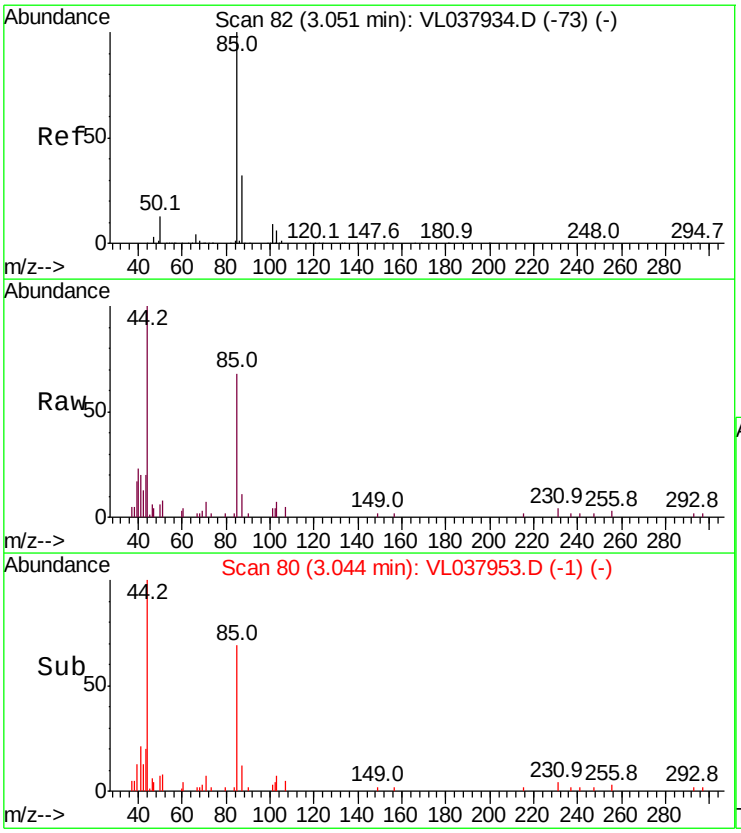
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 2 Nov 2021 00:51

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 49 Resp: 1467778

Ion	Ratio	Lower	Upper
49	100		
128	54.3	27.0	81.0
130	67.2	33.4	100.2

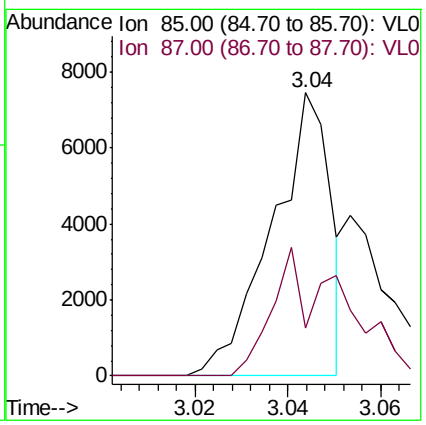


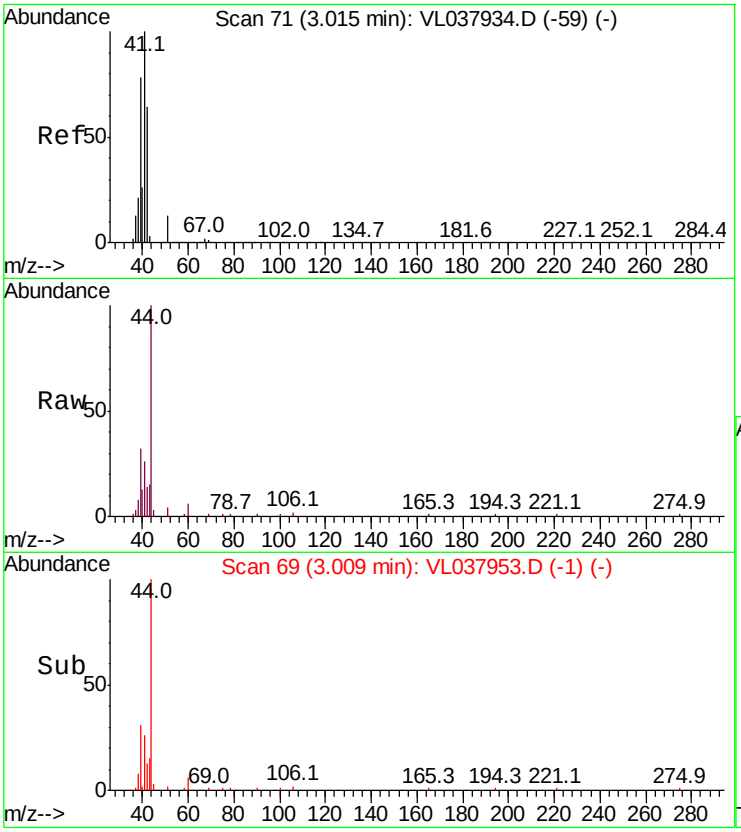


#2
Dichlorodifluoromethane
Concen: 0.032 ppbv
RT: 3.04 min Scan# 80
Delta R.T. -0.01 min
Lab File: VL037953.D
Acq: 2 Nov 2021 00:51

Tgt Ion: 85 Resp: 6533

Ion	Ratio	Lower	Upper
85	100		
87	16.9	25.3	37.9#



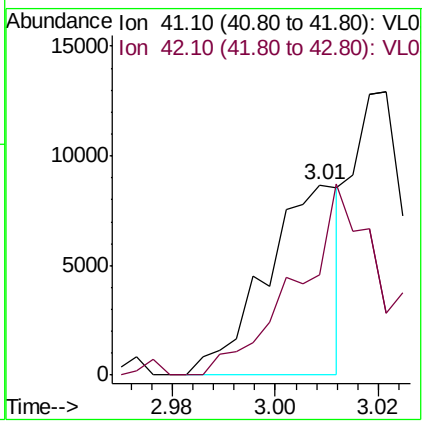


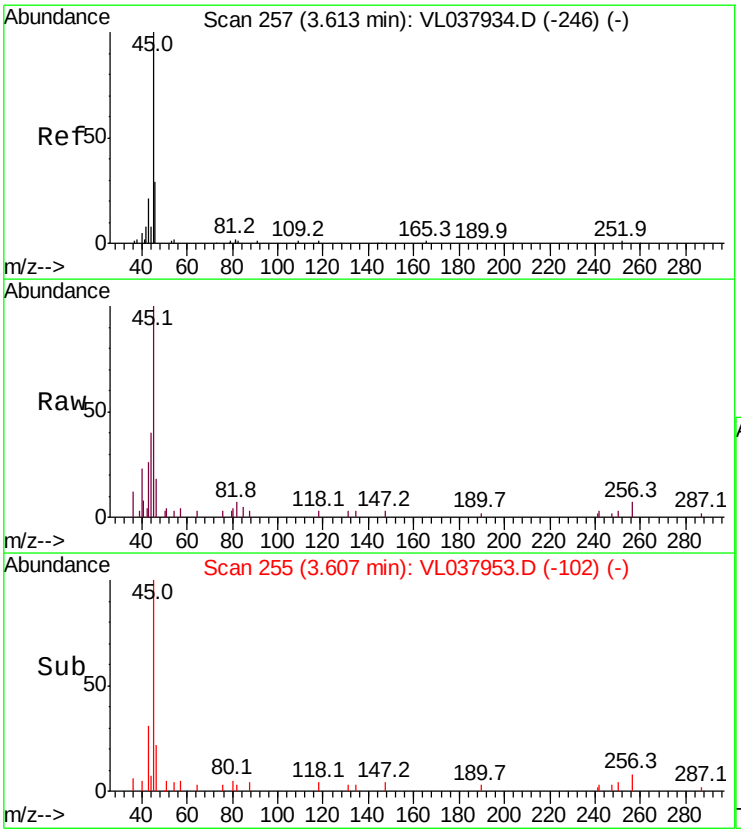
#9
Propene
Concen: 0.088 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 2 Nov 2021 00:51

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 41 Resp: 8631

Ion	Ratio	Lower	Upper
41	100		
42	165.8	57.6	86.4#

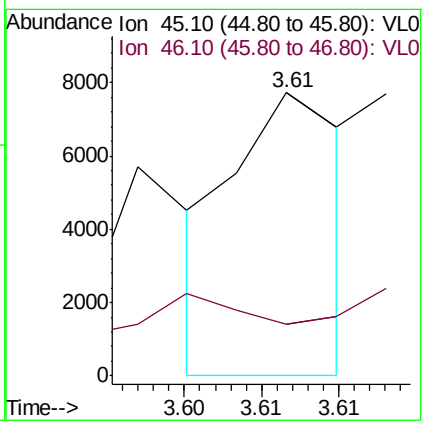


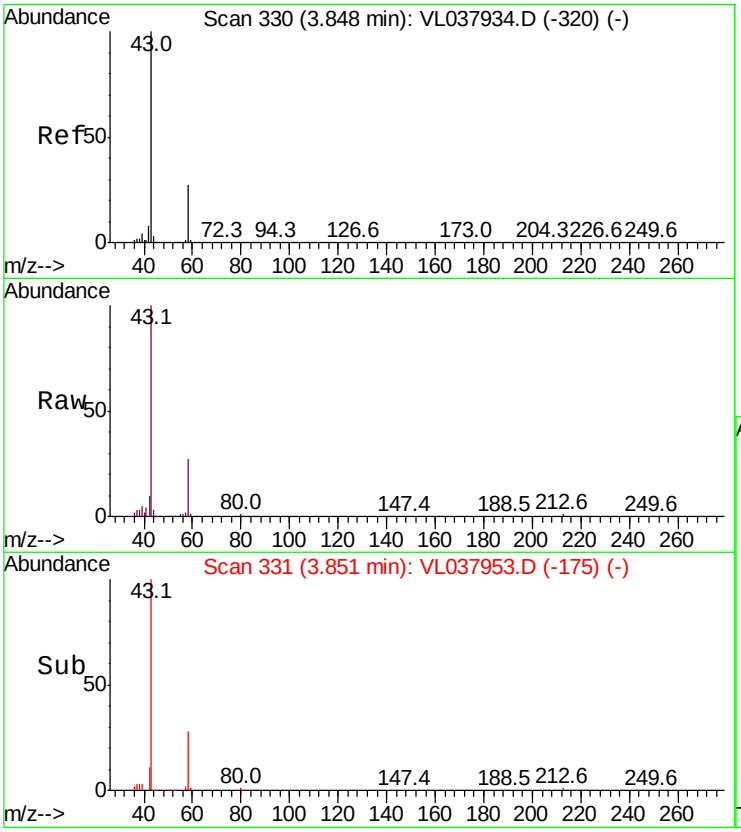


#13
Ethanol
Concen: 0.392 ppbv
RT: 3.61 min Scan# 255
Delta R.T. -0.01 min
Lab File: VL037953.D
Acq: 2 Nov 2021 00:51

Tgt Ion: 45 Resp: 3870

Ion	Ratio	Lower	Upper
45	100		
46	0.0	17.4	69.8#



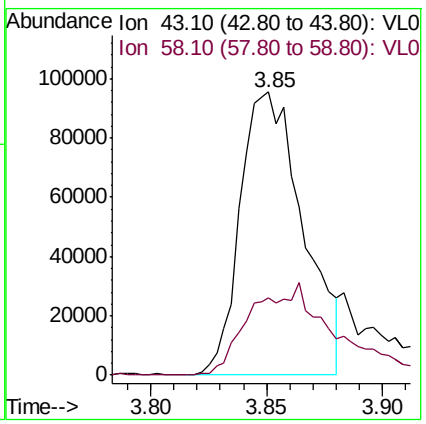


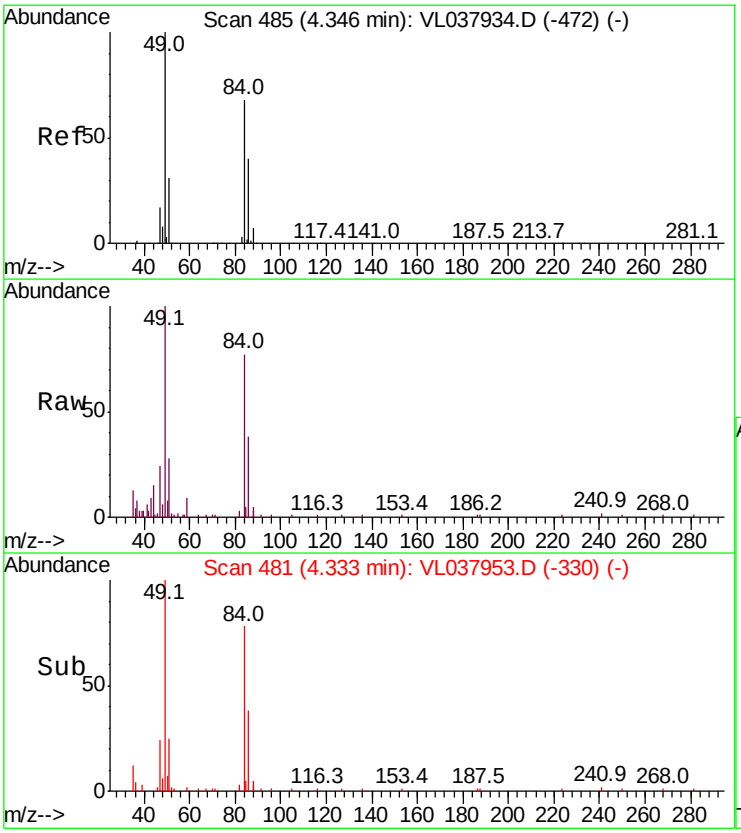
#15
Acetone
Concen: 1.487 ppbv
RT: 3.85
Delta R.T
Lab File:
Acq: 2 Nov 2021 00:51

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 43 Resp: 180311

Ion	Ratio	Lower	Upper
43	100		
58	45.6	23.3	34.9#

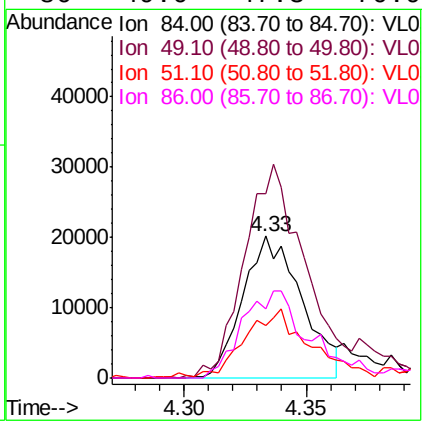


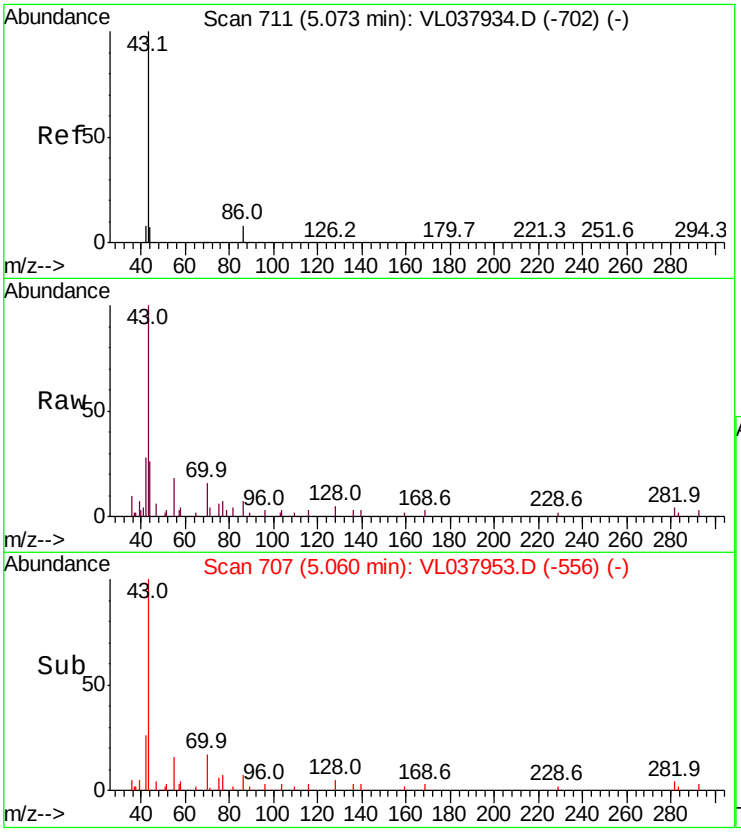


#20
Methylene Chloride
Concen: 0.509 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.01 min
Lab File: VL037953.D
Acq: 2 Nov 2021 00:51

Tgt Ion: 84 Resp: 33888

Ion	Ratio	Lower	Upper
84	100		
49	127.4	117.5	176.3
51	36.9	35.9	53.9
86	49.0	47.3	70.9



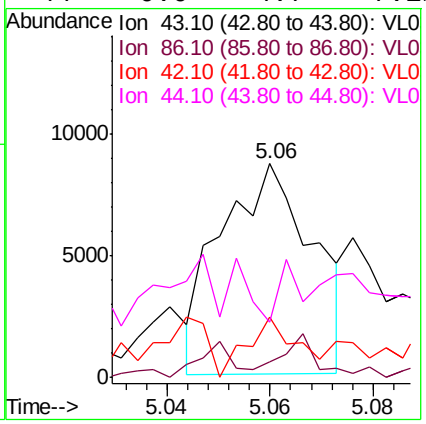


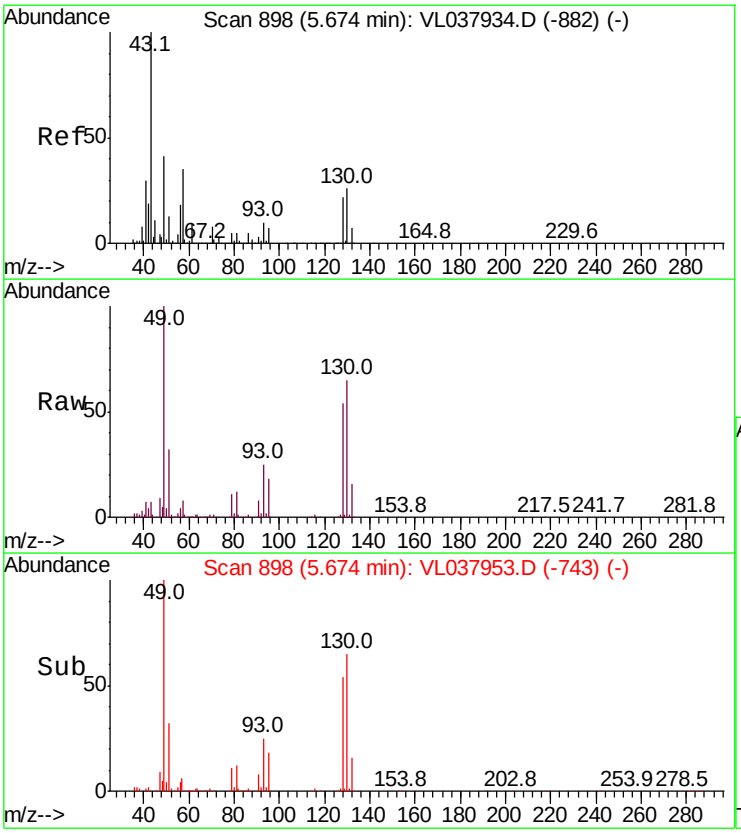
#23
Vinvl Acetate
Concen: 0.059 ppbv
RT: 5.06
Delta R.T
Lab File:
Acq: 2 Nov 2021 00:51

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 43 Resp: 10739

Ion	Ratio	Lower	Upper
43	100		
86	3.6	5.5	8.3#
42	15.2	7.4	11.2#
44	0.0	4.7	7.1#

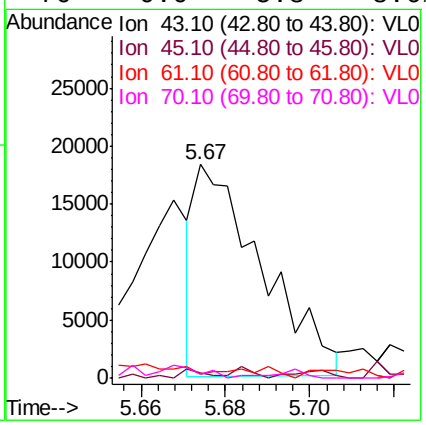


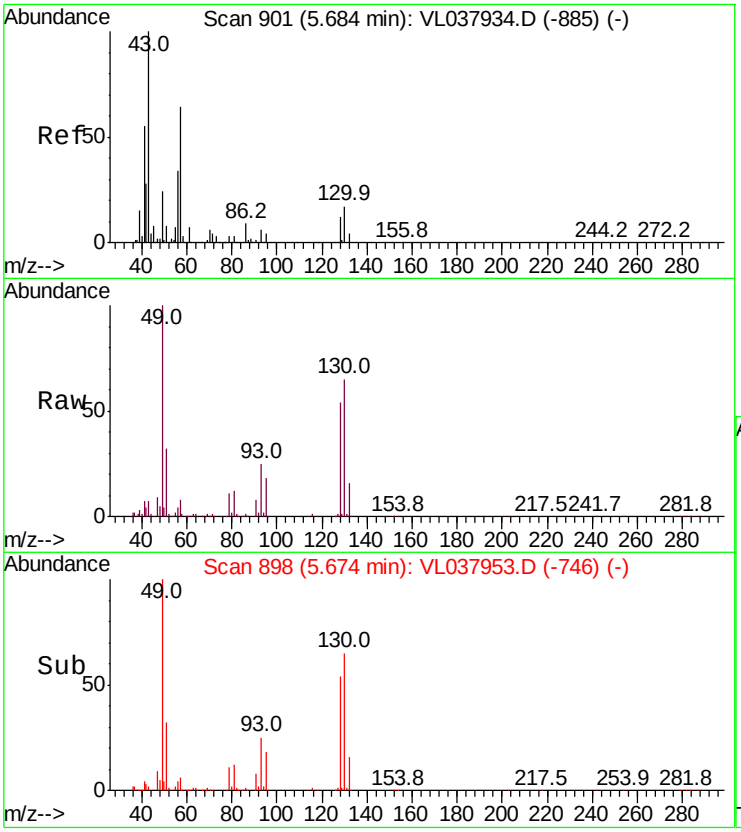


#25
Ethyl Acetate
Concen: 0.056 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.00 min
Lab File: VL037953.D
Acq: 2 Nov 2021 00:51

Tgt Ion: 43 Resp: 20001

Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.1	12.1#
61	0.0	8.1	12.1#
70	0.0	5.8	8.6#



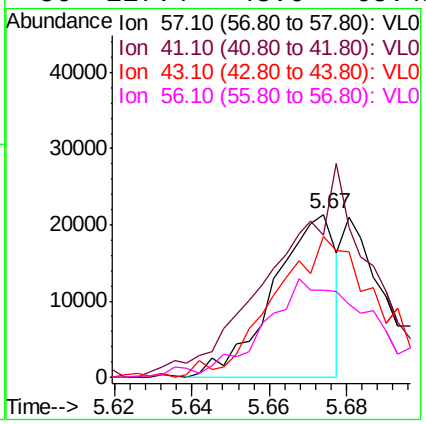


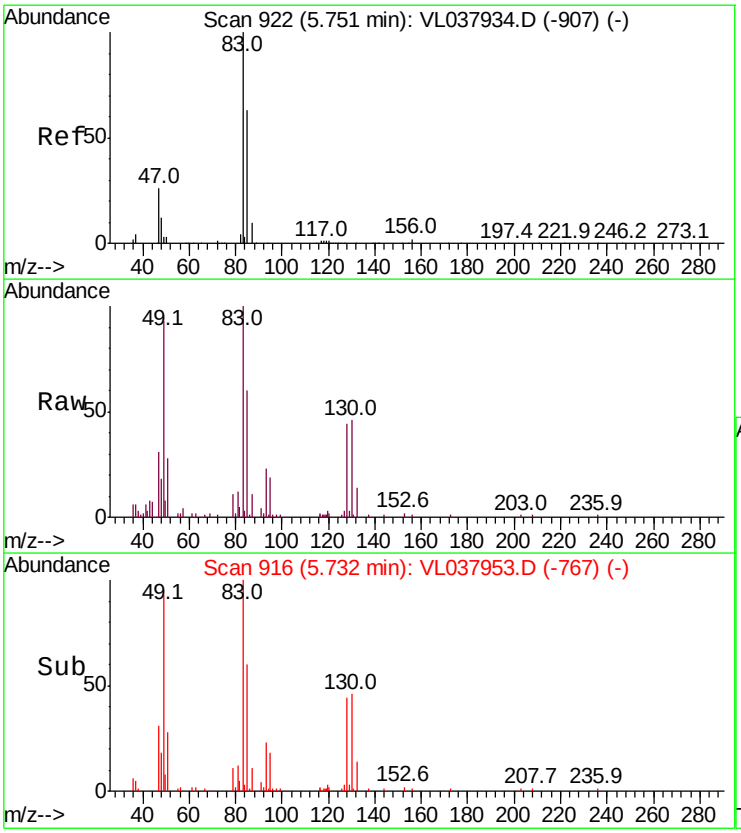
#26
Hexane
Concen: 0.141 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 2 Nov 2021 00:51

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 57 Resp: 24031

Ion	Ratio	Lower	Upper
57	100		
41	0.0	71.0	106.6#
43	156.2	173.0	259.6#
56	117.4	43.6	65.4#

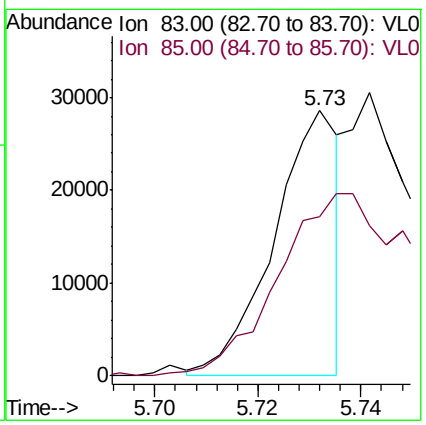


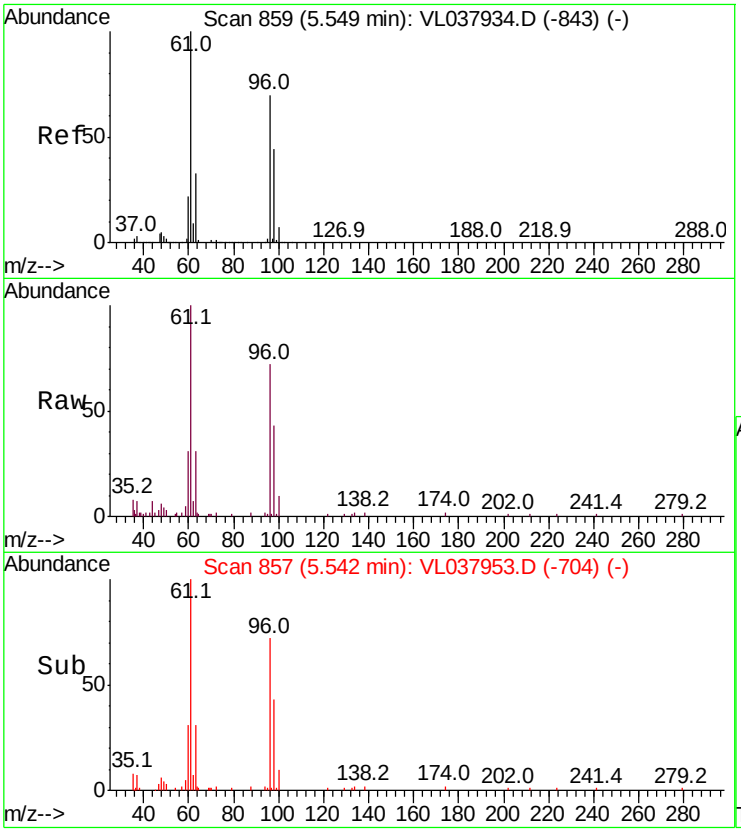


#29
Chloroform
Concen: 0.098 ppbv
RT: 5.73 min Scan# 916
Delta R.T. -0.02 min
Lab File: VL037953.D
Acq: 2 Nov 2021 00:51

Tgt Ion: 83 Resp: 25032

Ion	Ratio	Lower	Upper
83	100		
85	59.7	50.6	76.0



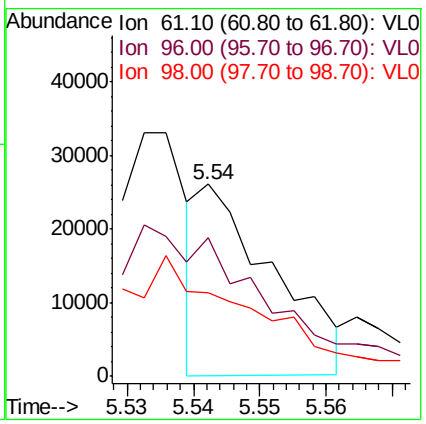


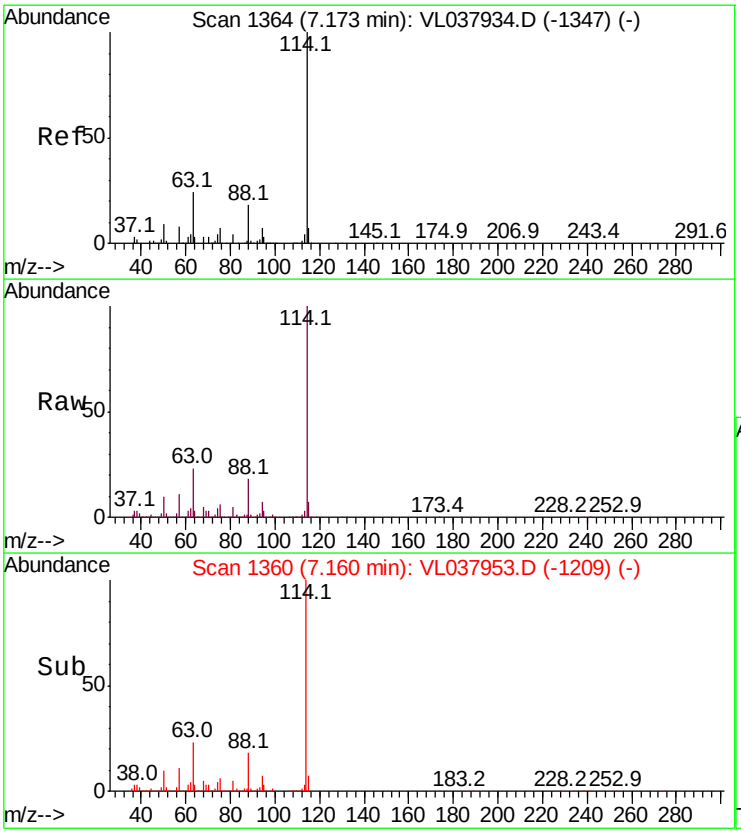
#31
cis-1,2-Dichloroethene
Concen: 0.131 ppbv
RT: 5.54
Delta R.T
Lab File:
Acq: 2 Nov 2021 00:51

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 61 Resp: 20372

Ion	Ratio	Lower	Upper
61	100		
96	74.5	55.6	83.4
98	42.0	34.9	52.3

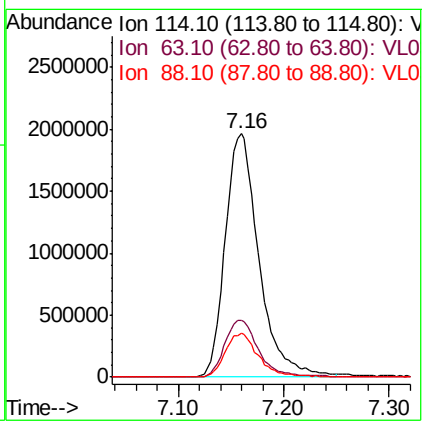


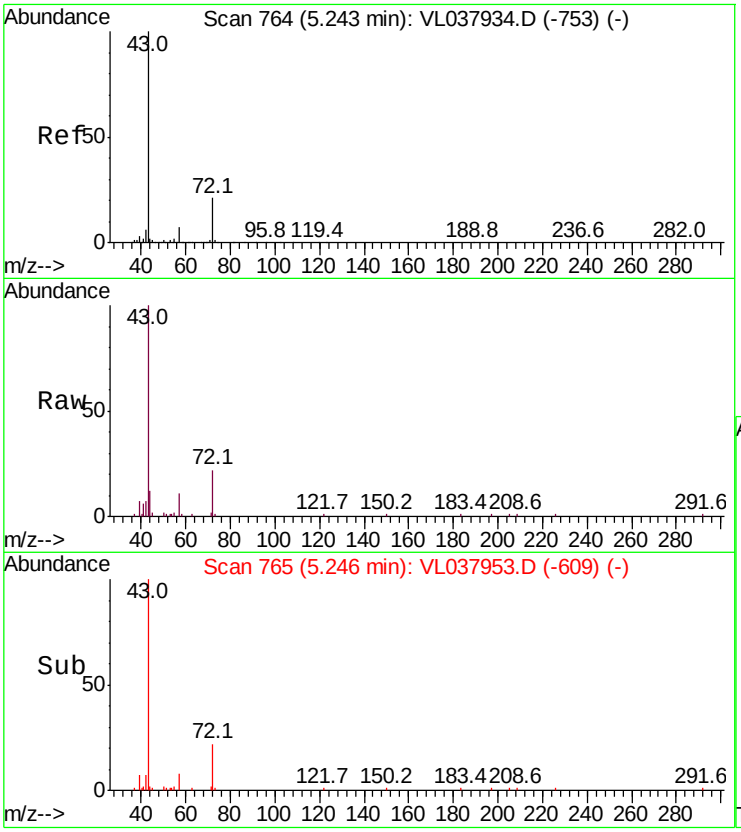


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.01 min
Lab File: VL037953.D
Acq: 2 Nov 2021 00:51

Tgt Ion:114 Resp: 4347424

Ion	Ratio	Lower	Upper
114	100		
63	23.9	19.4	29.0
88	18.0	14.2	21.4



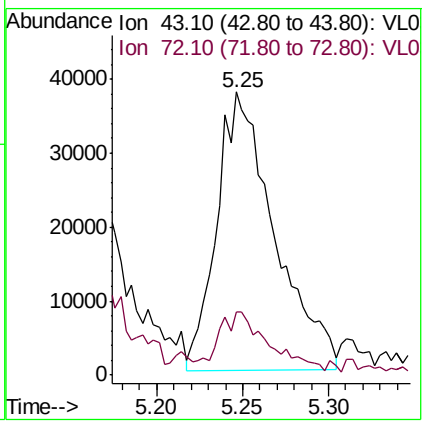


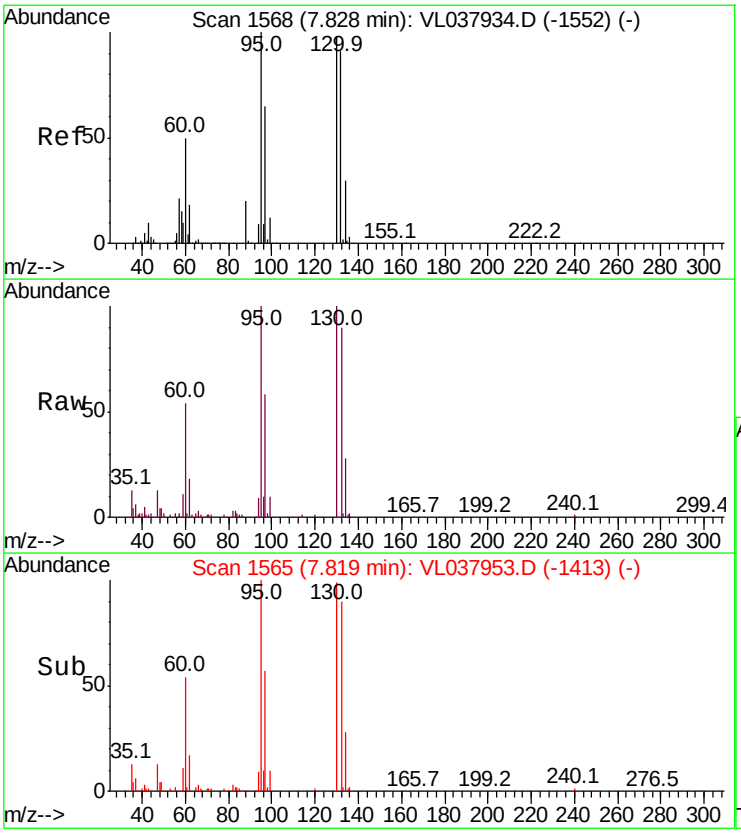
#34
2-Butanone
Concen: 0.548 ppbv
RT: 5.25
Delta R.T
Lab File:
Acq: 2 Nov 2021 00:51

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 43 Resp: 88287

Ion	Ratio	Lower	Upper
43	100		
72	24.2	18.3	27.5

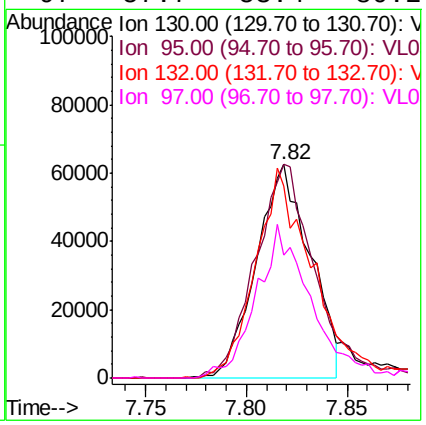


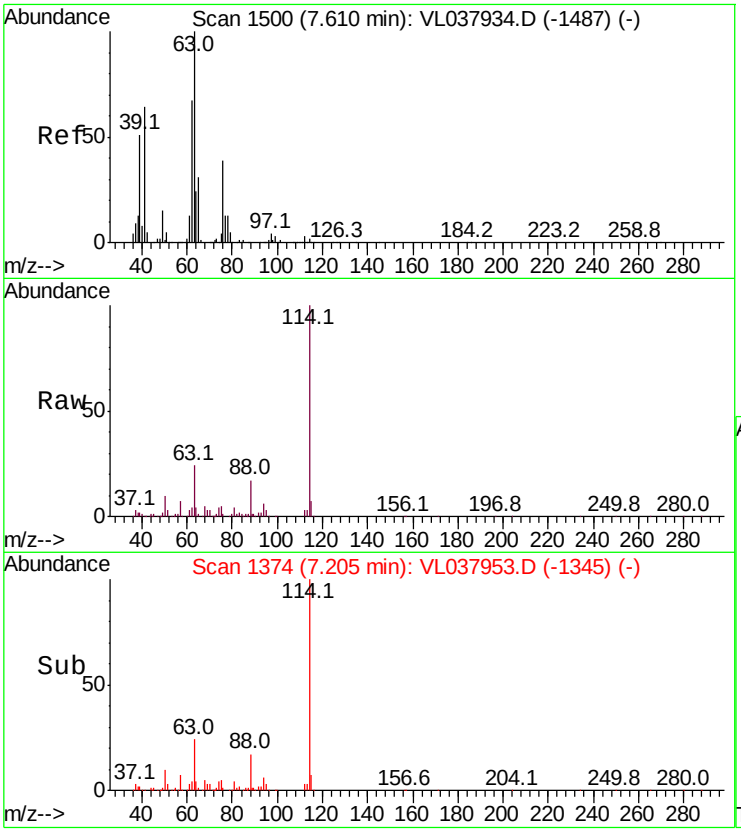


#38
Trichloroethene
Concen: 0.792 ppbv
RT: 7.82 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VL037953.D
Acq: 2 Nov 2021 00:51

Tgt Ion:130 Resp: 116340

Ion	Ratio	Lower	Upper
130	100		
95	99.8	81.8	122.8
132	89.5	74.2	111.2
97	57.7	53.4	80.2



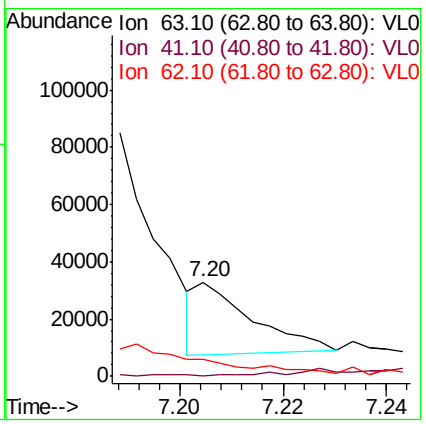


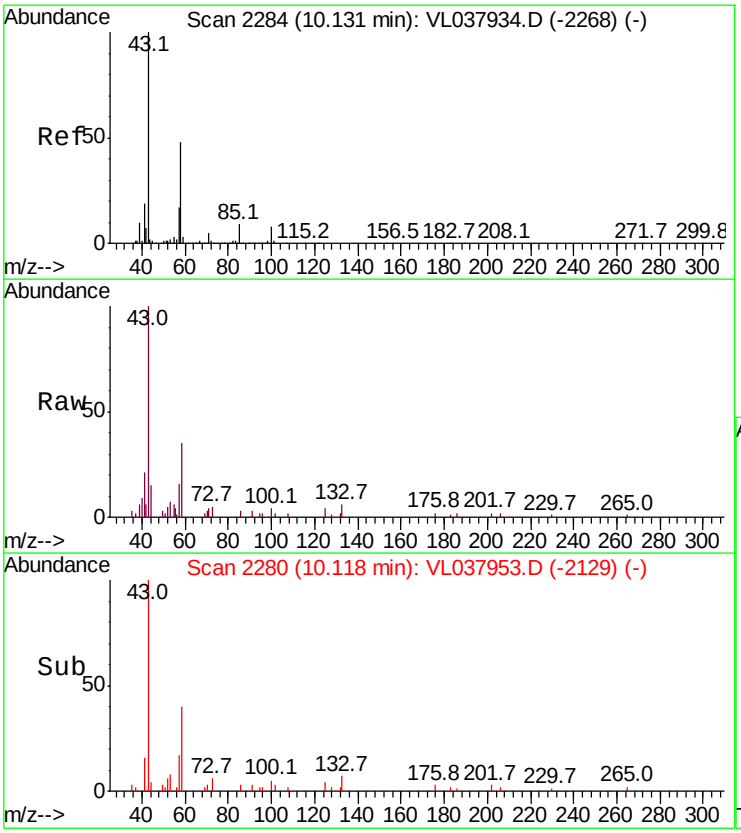
#39
1,2-Dichloropropane
Concen: 0.143 ppbv
RT: 7.20
Delta R.T
Lab File:
Acq: 2 Nov 2021 00:51

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 63 Resp: 19064

Ion	Ratio	Lower	Upper
63	100		
41	0.0	51.6	77.4#
62	20.0	53.5	80.3#

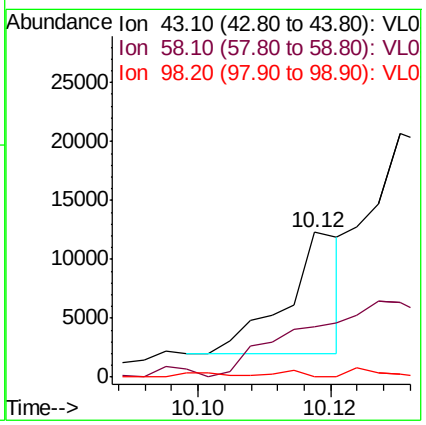


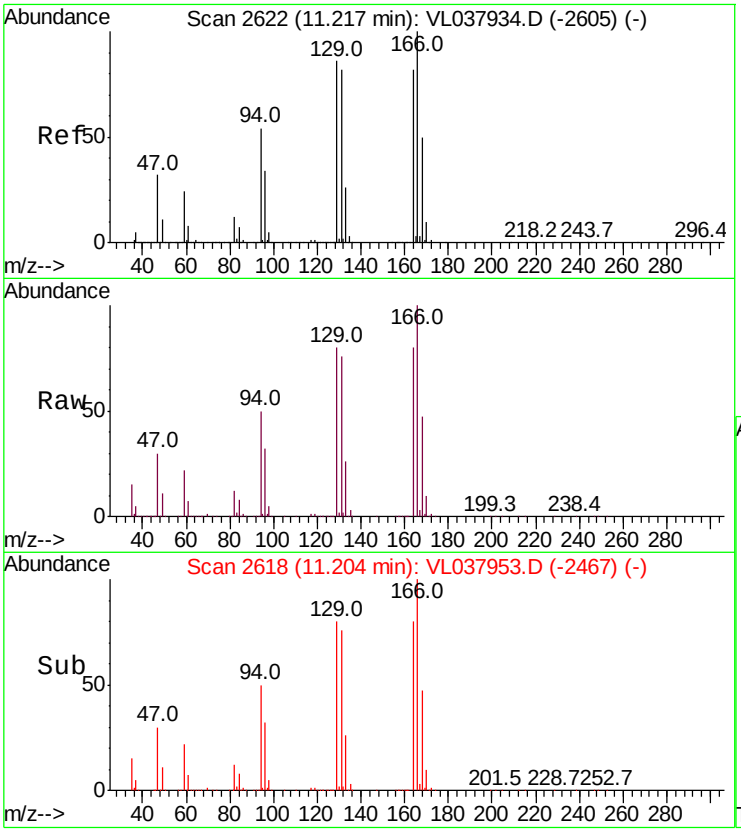


#51
2-Hexanone
Concen: 0.068 ppbv
RT: 10.12 min Scan# 2280
Delta R.T. -0.01 min
Lab File: VL037953.D
Acq: 2 Nov 2021 00:51

Tgt Ion: 43 Resp: 6034

Ion	Ratio	Lower	Upper
43	100		
58	0.0	38.6	57.8#
98	10.4	1.0	1.4#



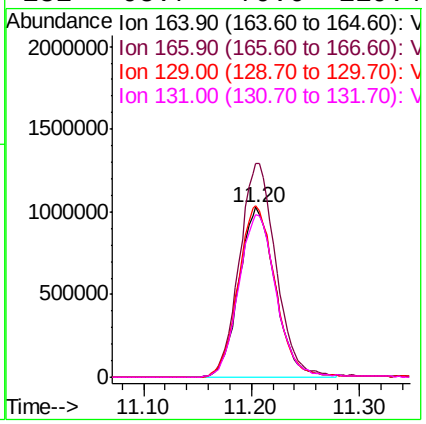


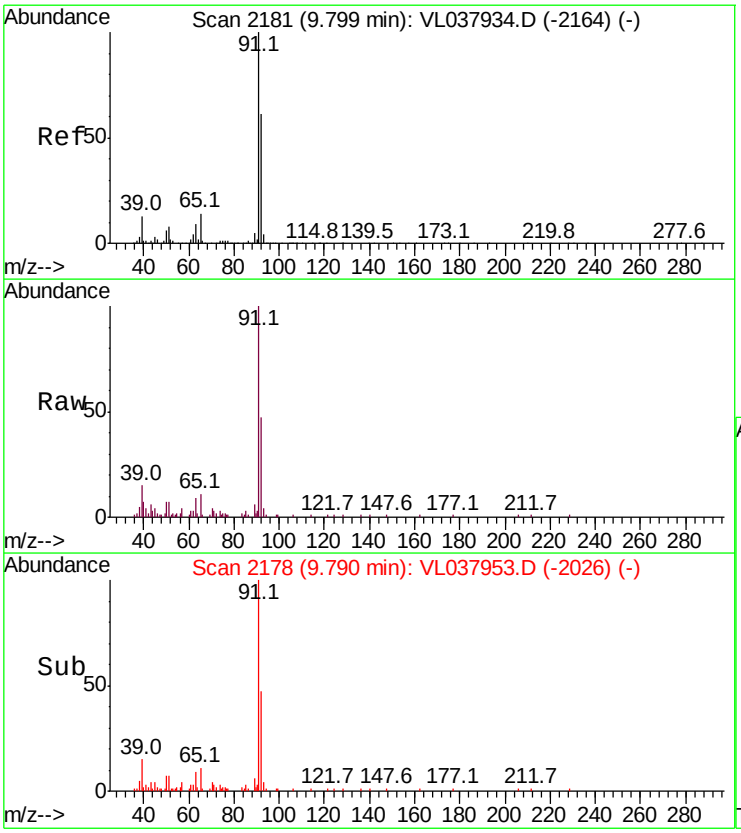
#52
Tetrachloroethene
Concen: 17.879 ppbv
RT: 11.20
Delta R.T
Lab File:
Acq: 2 Nov 2021 00:51

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion:164 Resp: 2401239

Ion	Ratio	Lower	Upper
164	100		
166	125.6	97.6	146.4
129	100.7	84.2	126.2
131	95.7	79.6	119.4

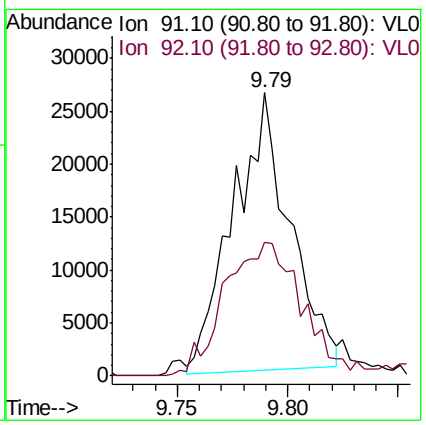


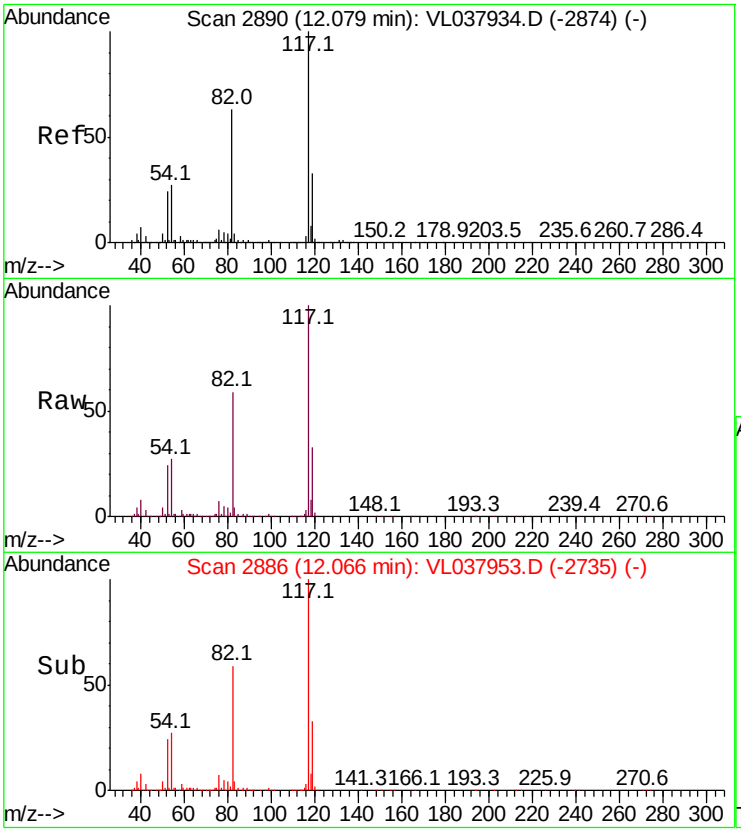


#53
Toluene
Concen: 0.123 ppbv
RT: 9.79 min Scan# 2178
Delta R.T. -0.01 min
Lab File: VL037953.D
Acq: 2 Nov 2021 00:51

Tgt Ion: 91 Resp: 46617

Ion	Ratio	Lower	Upper
91	100		
92	67.9	48.2	72.4



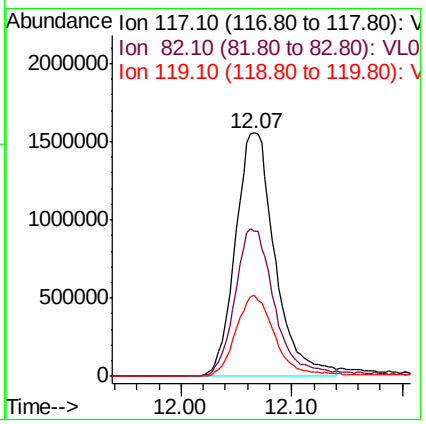


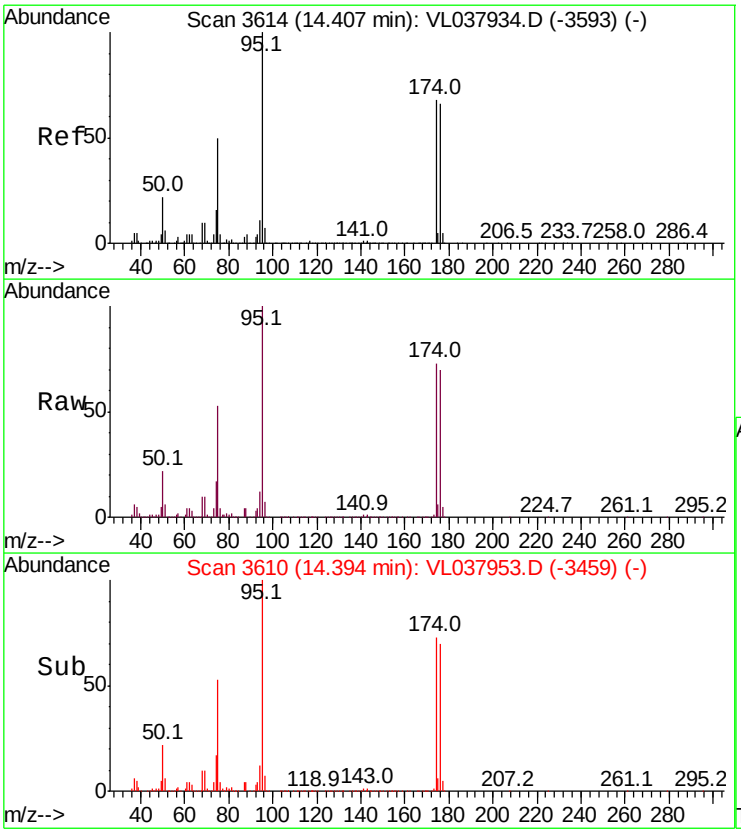
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07
Delta R.T
Lab File:
Acq: 2 Nov 2021 00:51

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion:117 Resp: 3855369

Ion	Ratio	Lower	Upper
117	100		
82	63.7	51.0	76.6
119	34.3	26.9	40.3

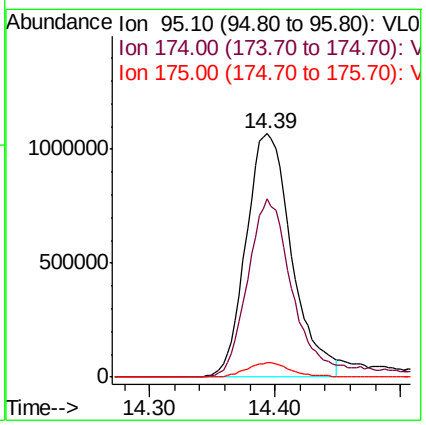


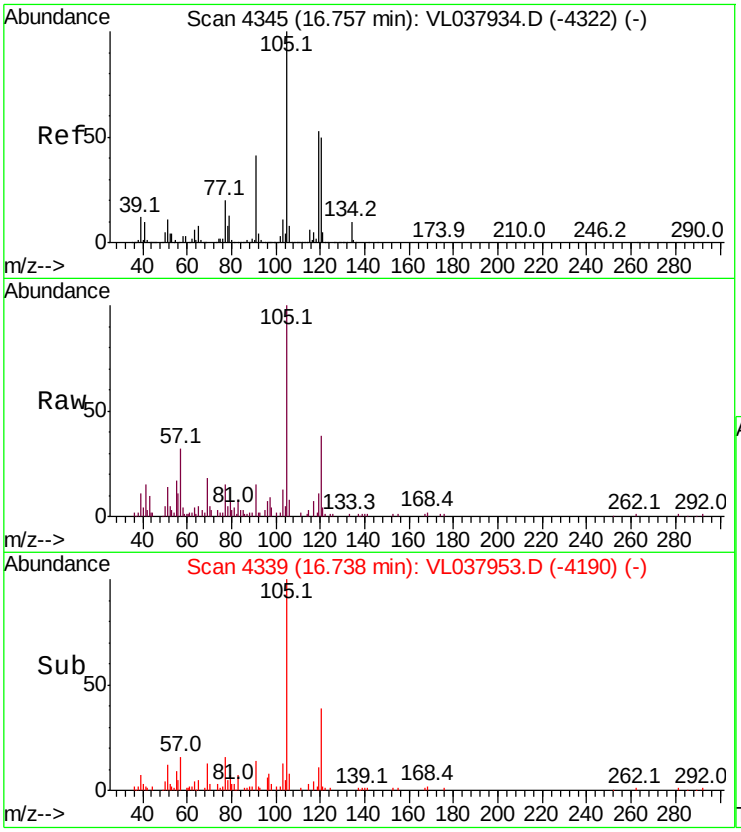


#68
1-Bromo-4-Fluorobenzene
Concen: 9.674 ppbv
RT: 14.39 min Scan# 3610
Delta R.T. -0.01 min
Lab File: VL037953.D
Acq: 2 Nov 2021 00:51

Tgt Ion: 95 Resp: 2710993

Ion	Ratio	Lower	Upper
95	100		
174	78.2	58.3	87.5
175	5.9	4.6	6.8





#74
1,2,4-Trimethylbenzene
Concen: 0.205 ppbv
RT: 16.74
Delta R.T
Lab File:
Acq: 2 Nov 2021 00:31

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion:105 Resp: 90957

Ion	Ratio	Lower	Upper
105	100		
120	38.4	40.0	60.0#
91	13.8	32.6	49.0#
77	13.0	15.8	23.8#