Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110520\
Data File : VL035863.D
Acq On : 5 Nov 2020 16:58
Operator : SY/AP
Sample : L4220-06 2X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV1DL

Quant Time: Nov 06 00:28:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1214665	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	4686573	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	4214953	10.00	ppbv	-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	3007049	10.04	ppbv	-0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.03	85	32022	0.140	ppbv	94
3) Chlorodifluoromethane	2.97	51	25513	0.175	ppbv	95
4) Chloromethane	3.12	50	19674	0.278	ppbv	100
7) Chloroethane	3.54	64	1802	0.057	ppbv #	74
9) Propene	3.00	41	87802	1.649	ppbv #	81
11) Trichlorofluoromethane	3.93	101	29260	0.102	ppbv	94
13) Ethanol	3.59	45	26832	2.323	ppbv	95
15) Acetone	3.83	43	1408992	10.850	ppbv	97
16) 1,3-Butadiene	3.29	39	74182	1.327	ppbv #	9
17) tert-Butyl alcohol	4.29	59	5937	0.034	ppbv #	72
19) Isopropyl Alcohol	3.96	45	7348	0.092	ppbv #	90
20) Methylene Chloride	4.32	84	237261	2.595	ppbv	97
25) Ethyl Acetate	5.66	43	66445	0.260	ppbv #	75
26) Hexane	5.66	57	112744	0.799	ppbv #	45
27) Carbon Disulfide	4.53	76	43488	0.206	ppbv #	71
30) Cyclohexane	7.11	84	7167	0.047	ppbv #	9
34) 2-Butanone	5.23	43	29321	0.193	ppbv #	80
39) 1,2-Dichloropropane	7.15	63	916371	7.812	ppbv #	30
78) Hexachloro-1,3-Butadiene	23.36	225	9860	0.068	ppbv	85
80) Naphthalene,2-methyl-	24.97	142	2479	0.043	ppbv #	71

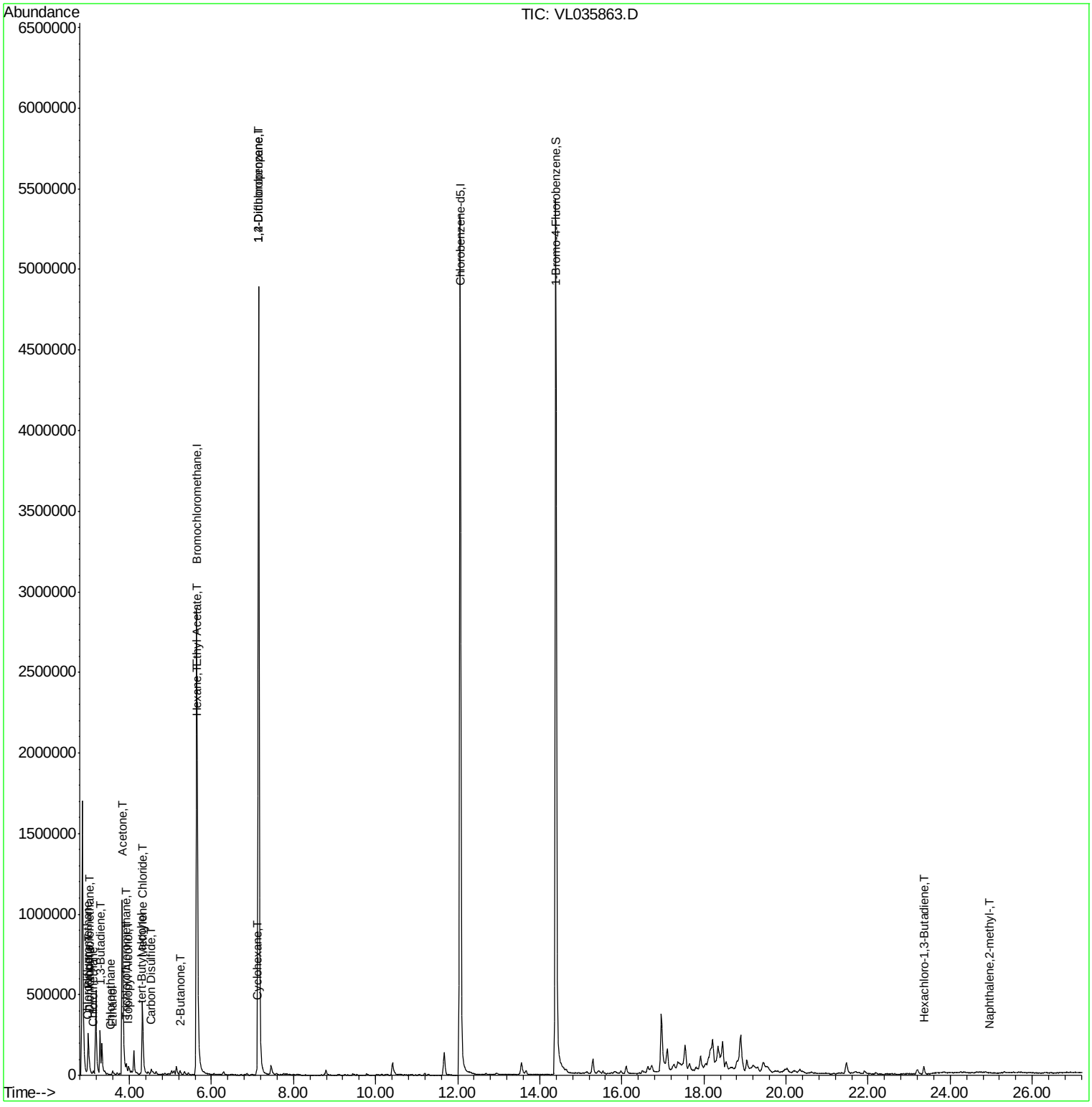
(#) = qualifier out of range (m) = manual integration (+) = signals summed

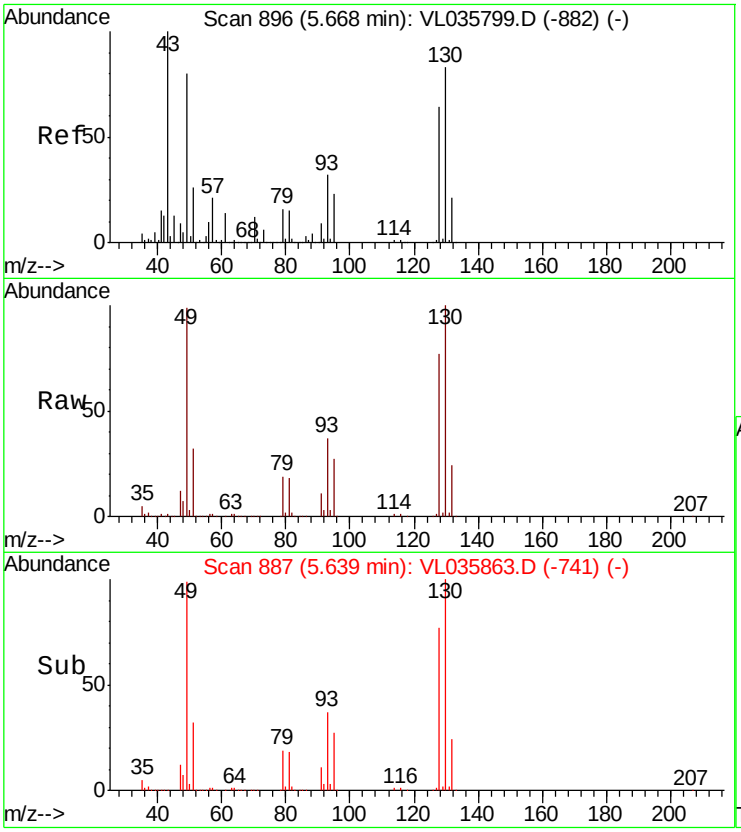
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110520\
Data File : VL035863.D
Acq On : 5 Nov 2020 16:58
Operator : SY/AP
Sample : L4220-06 2X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV1DL

Quant Time: Nov 06 00:28:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration



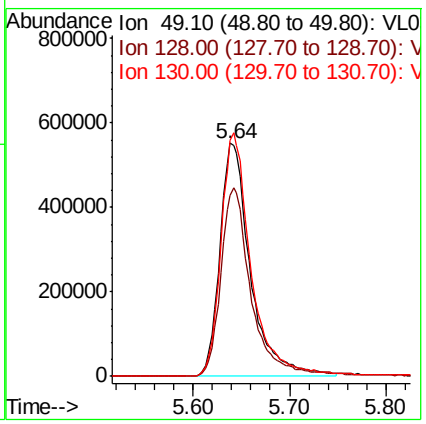


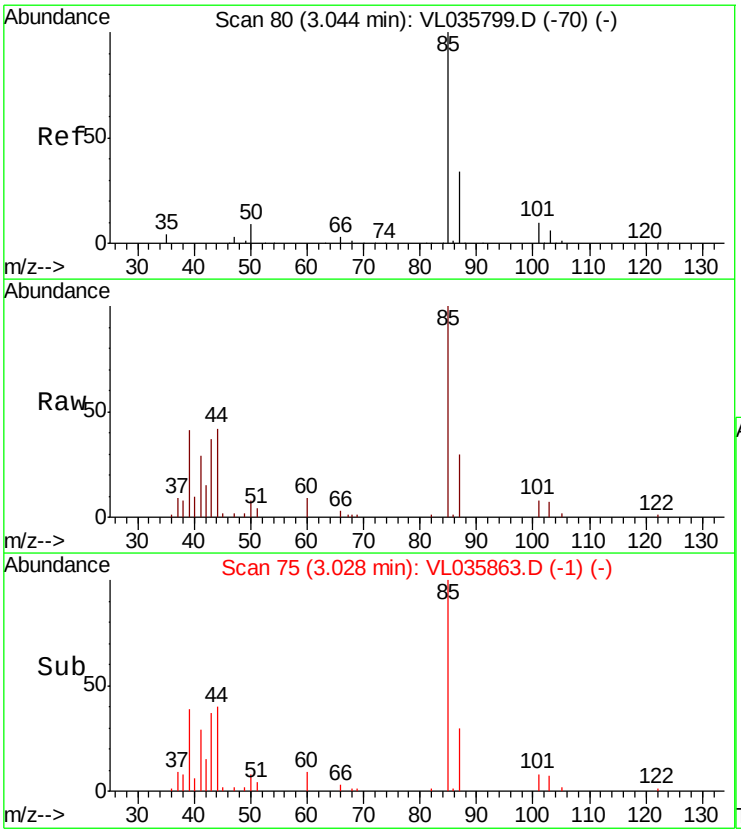
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64 min Scan# 887
Delta R.T. -0.03 min
Lab File: VL035863.D
Acq: 5 Nov 2020 16:58

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 49 Resp: 1214665

Ion	Ratio	Lower	Upper
49	100		
128	81.2	41.5	124.6
130	104.5	53.7	161.1

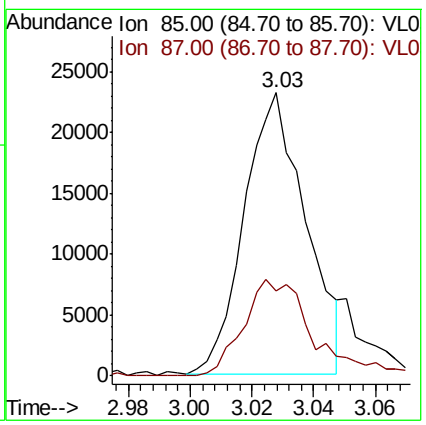


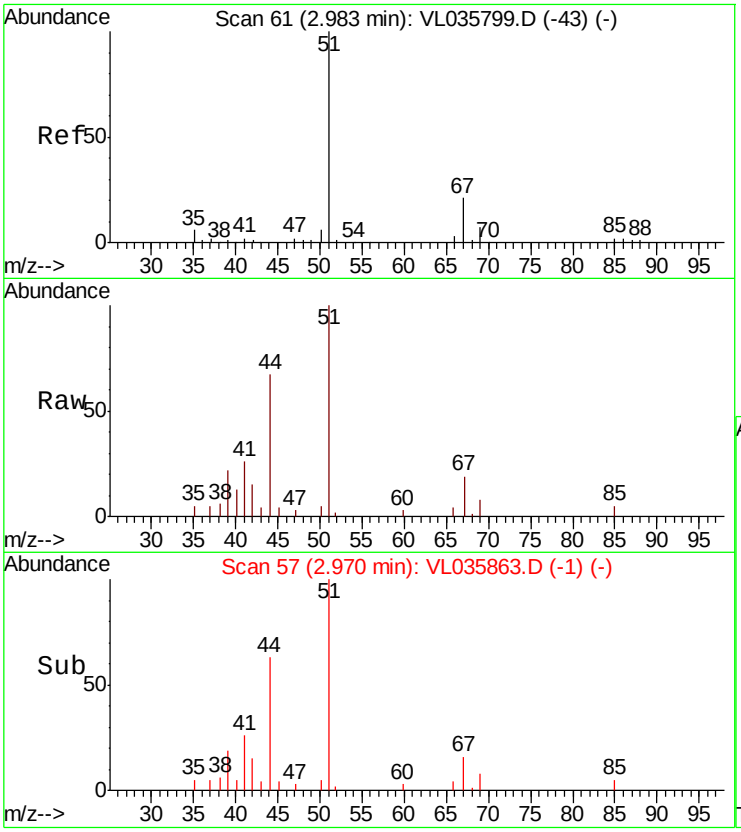


#2
Dichlorodifluoromethane
Concen: 0.140 ppbv
RT: 3.03 min Scan# 75
Delta R.T. -0.02 min
Lab File: VL035863.D
Acq: 5 Nov 2020 16:58

Tgt Ion: 85 Resp: 32022

Ion	Ratio	Lower	Upper
85	100		
87	30.2	27.1	40.7



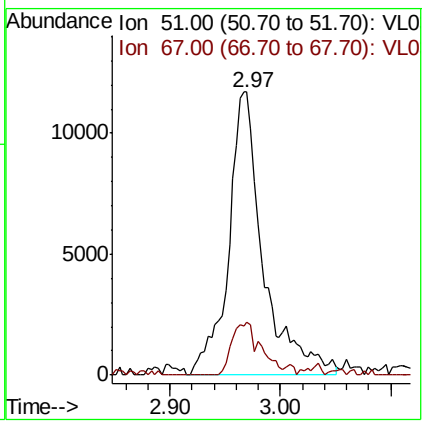


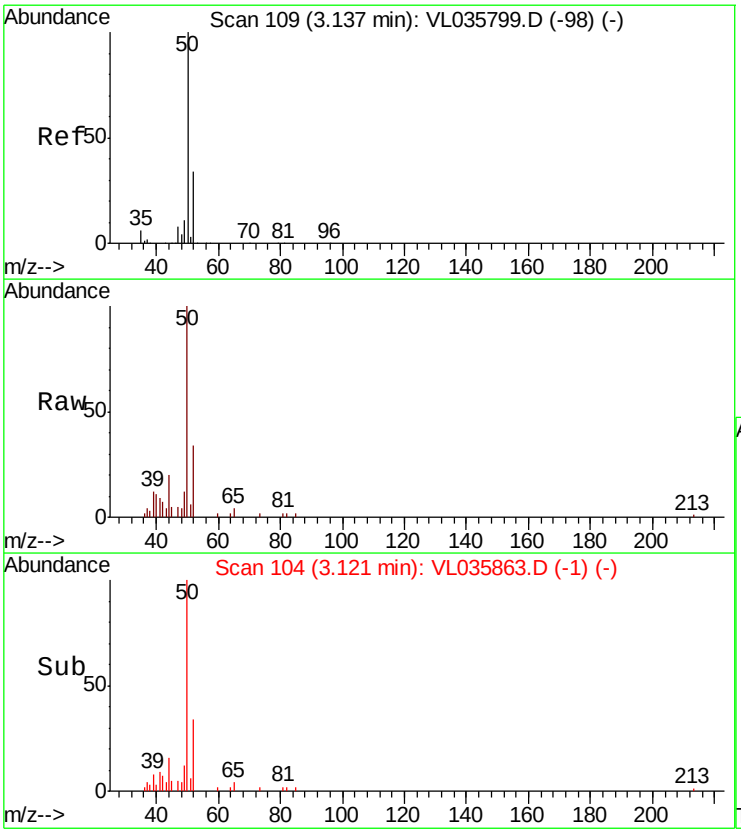
#3
Chlorodifluoromethane
Concen: 0.175 ppbv
RT: 2.97 min Scan# 57
Delta R.T. -0.01 min
Lab File: VL035863.D
Acq: 5 Nov 2020 16:58

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 51 Resp: 25513

Ion	Ratio	Lower	Upper
51	100		
67	18.8	17.0	25.4

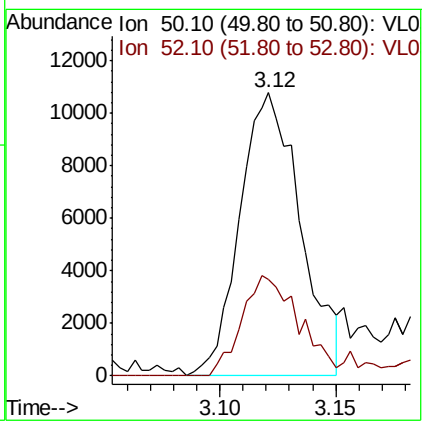


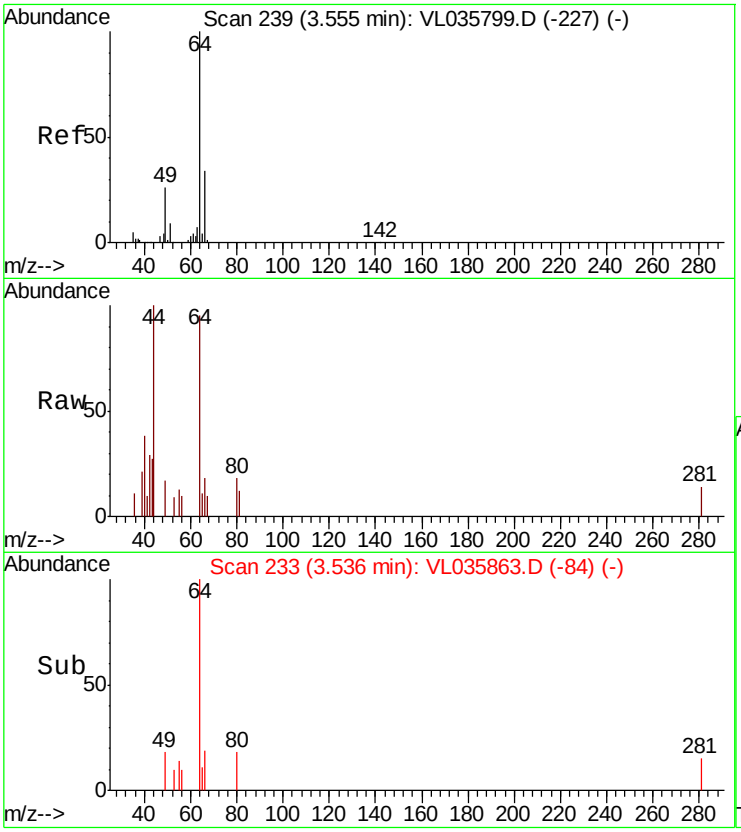


#4
Chloromethane
Concen: 0.278 ppbv
RT: 3.12 min Scan# 104
Delta R.T. -0.02 min
Lab File: VL035863.D
Acq: 5 Nov 2020 16:58

Tgt Ion: 50 Resp: 19674

Ion	Ratio	Lower	Upper
50	100		
52	33.9	27.1	40.7



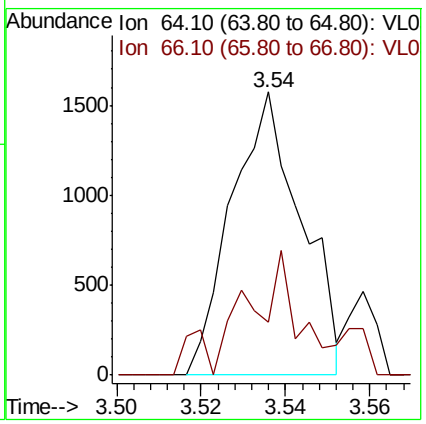


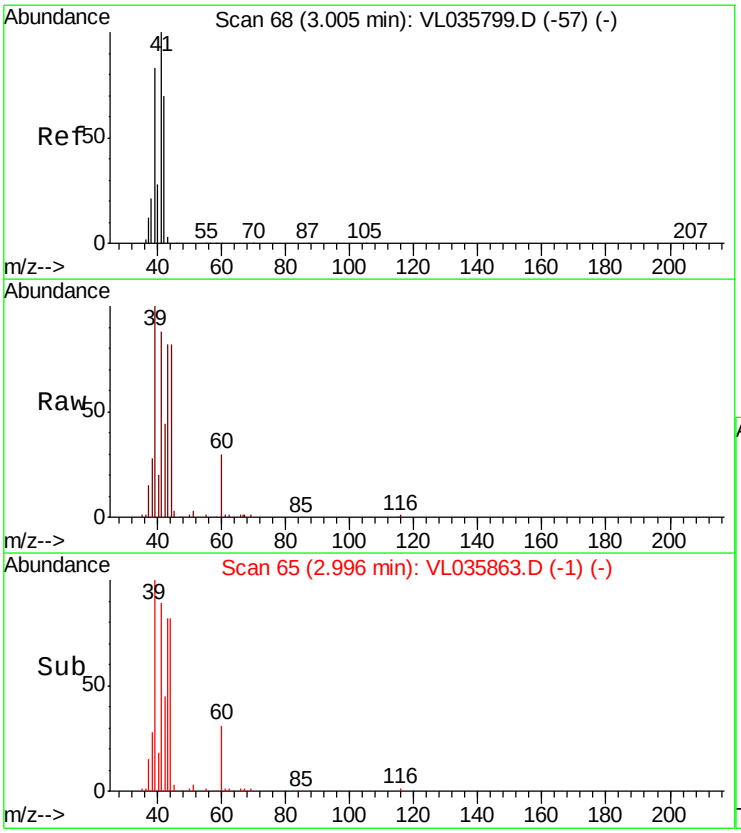
#7
Chloroethane
Concen: 0.057 ppbv
RT: 3.54 min Scan# 233
Delta R.T. -0.02 min
Lab File: VL035863.D
Acq: 5 Nov 2020 16:58

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 64 Resp: 1802

Ion	Ratio	Lower	Upper
64	100		
66	18.8	27.0	40.6#

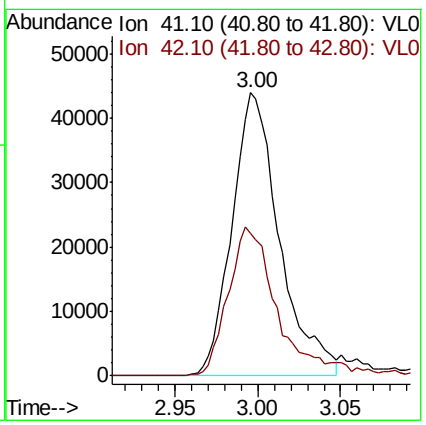


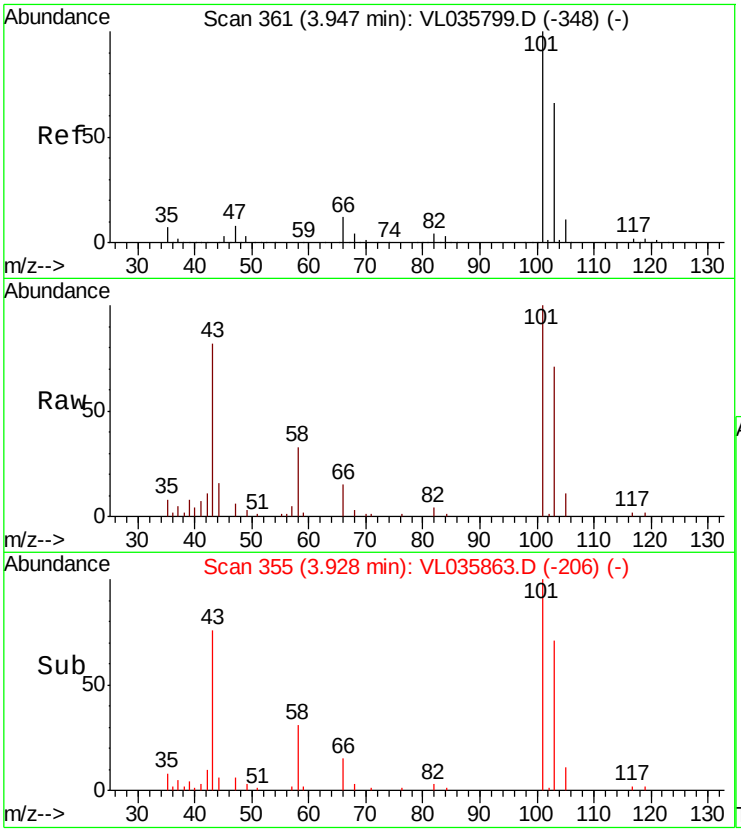


#9
Propene
Concen: 1.649 ppbv
RT: 3.00 min Scan# 65
Delta R.T. -0.01 min
Lab File: VL035863.D
Acq: 5 Nov 2020 16:58

Tgt Ion: 41 Resp: 87802

Ion	Ratio	Lower	Upper
41	100		
42	55.0	56.2	84.4#



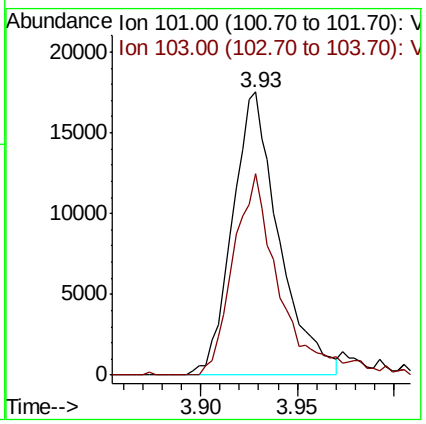


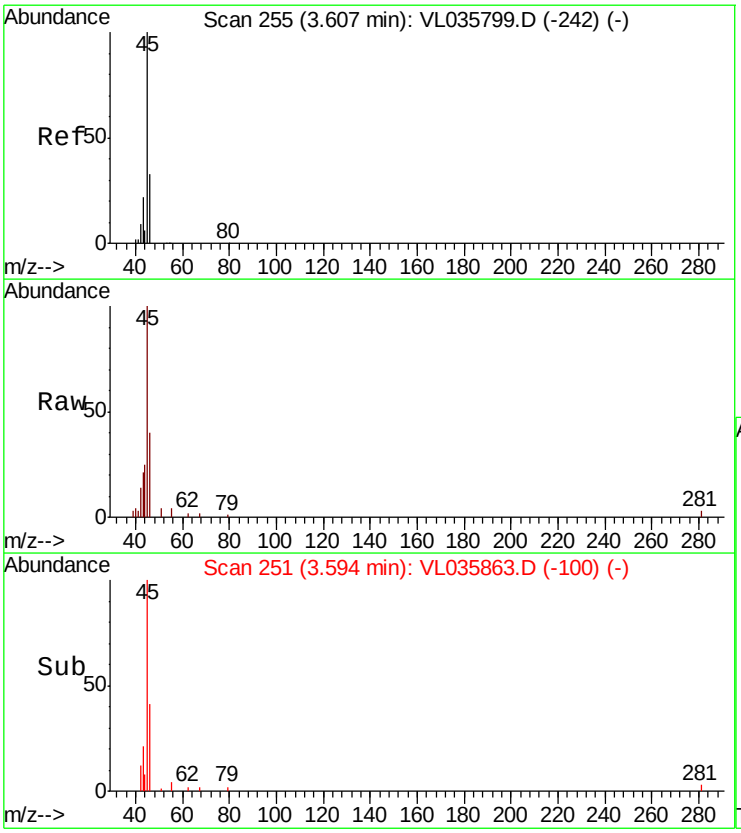
#11
Trichlorofluoromethane
Concen: 0.102 ppbv
RT: 3.93 min Scan# 355
Delta R.T. -0.02 min
Lab File: VL035863.D
Acq: 5 Nov 2020 16:58

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion:101 Resp: 29260

Ion	Ratio	Lower	Upper
101	100		
103	71.1	53.0	79.4

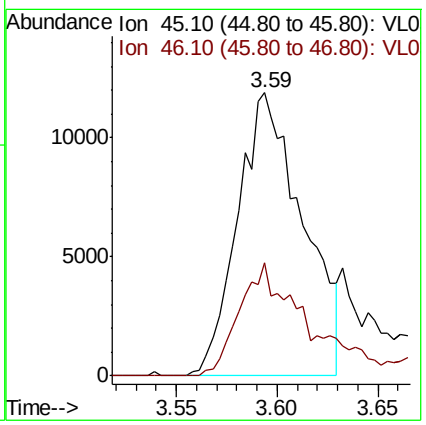


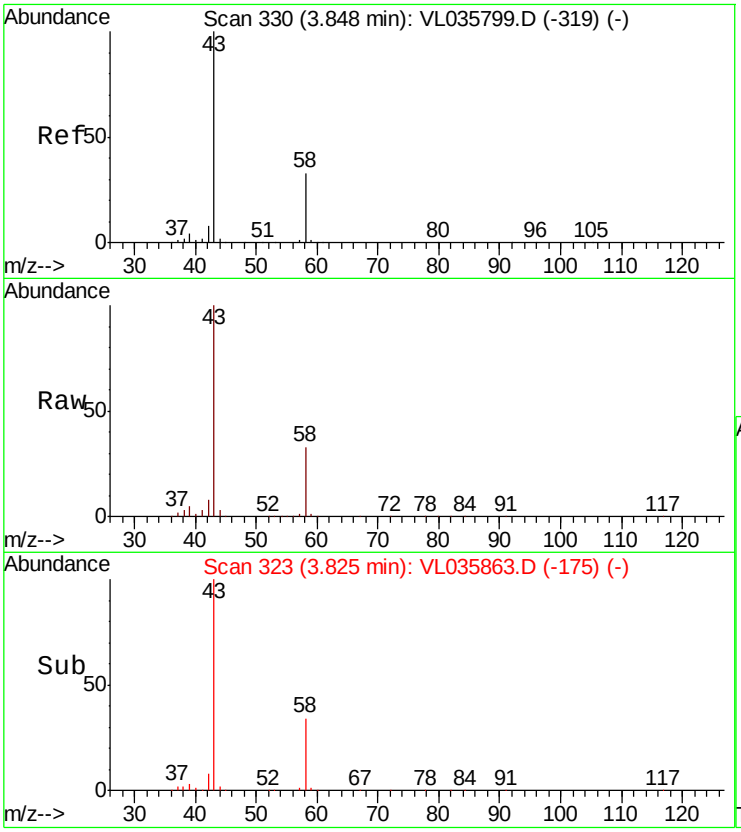


#13
Ethanol
Concen: 2.323 ppbv
RT: 3.59 min Scan# 251
Delta R.T. -0.01 min
Lab File: VL035863.D
Acq: 5 Nov 2020 16:58

Tgt Ion: 45 Resp: 26832

Ion	Ratio	Lower	Upper
45	100		
46	43.5	16.1	64.5



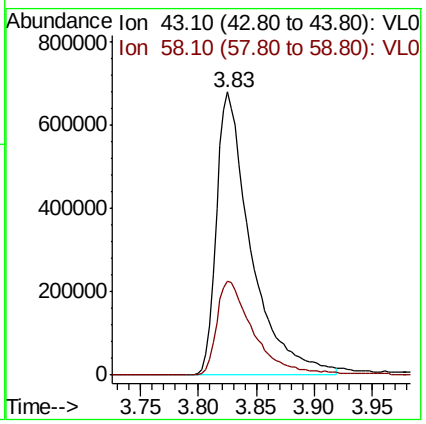


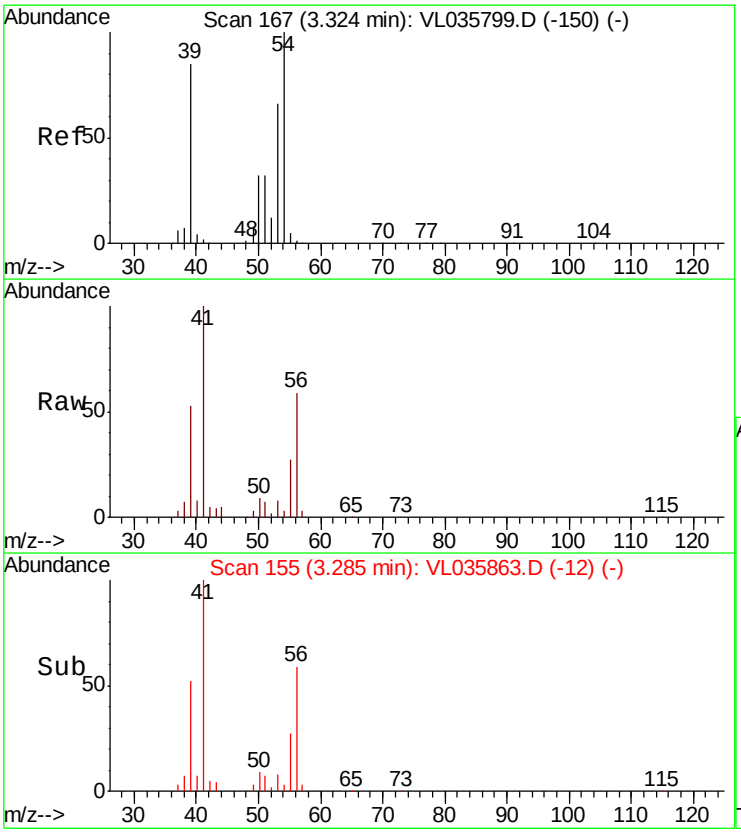
#15
Acetone
Concen: 10.850 ppbv
RT: 3.83 min Scan# 323
Delta R.T. -0.02 min
Lab File: VL035863.D
Acq: 5 Nov 2020 16:58

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 43 Resp: 1408992

Ion	Ratio	Lower	Upper
43	100		
58	36.3	27.5	41.3

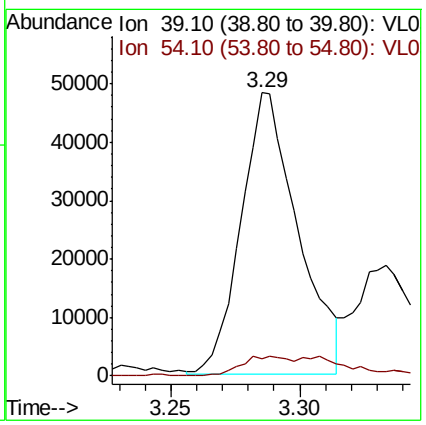


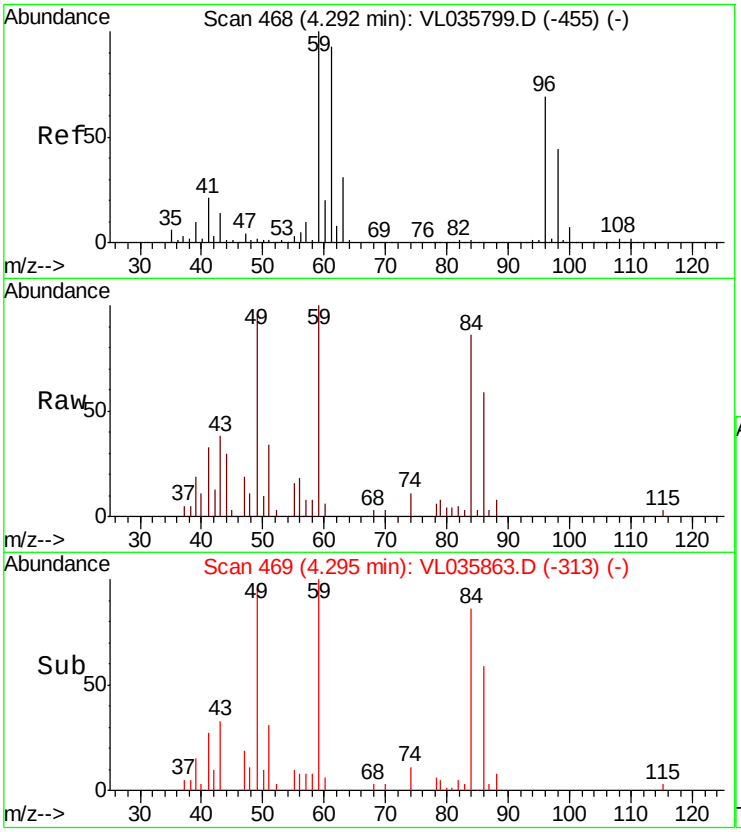


#16
1,3-Butadiene
Concen: 1.327 ppbv
RT: 3.29 min Scan# 155
Delta R.T. -0.04 min
Lab File: VL035863.D
Acq: 5 Nov 2020 16:58

Tgt Ion: 39 Resp: 74182

Ion	Ratio	Lower	Upper
39	100		
54	13.1	87.1	130.7#



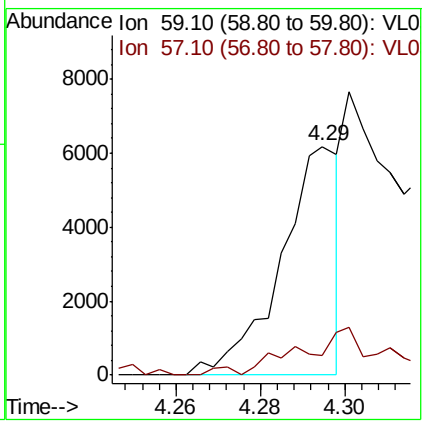


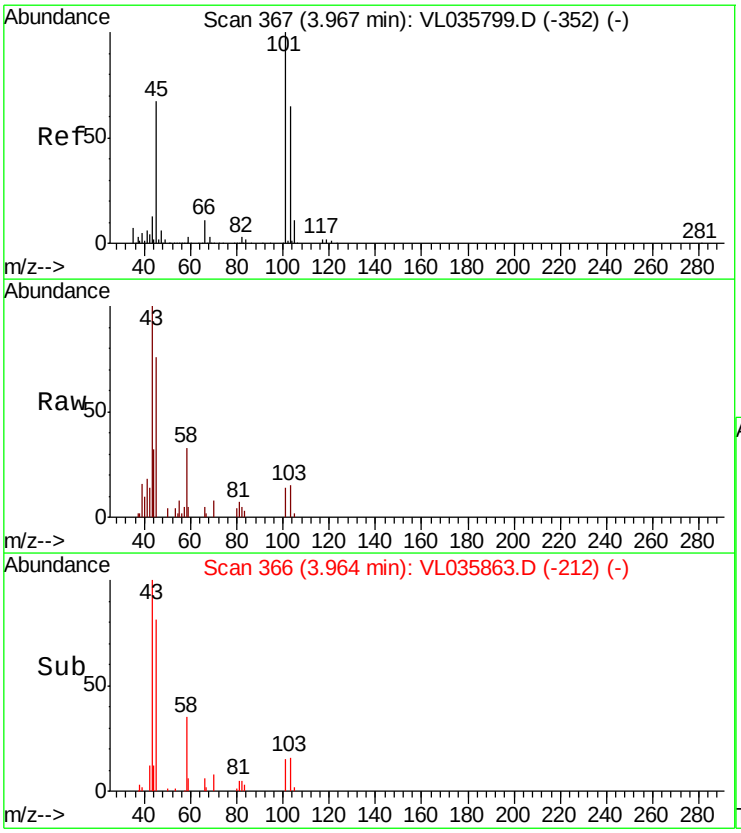
#17
tert-Butyl alcohol
Concen: 0.034 ppbv
RT: 4.29 min Scan# 469
Delta R.T. 0.00 min
Lab File: VL035863.D
Acq: 5 Nov 2020 16:58

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 59 Resp: 5937

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#

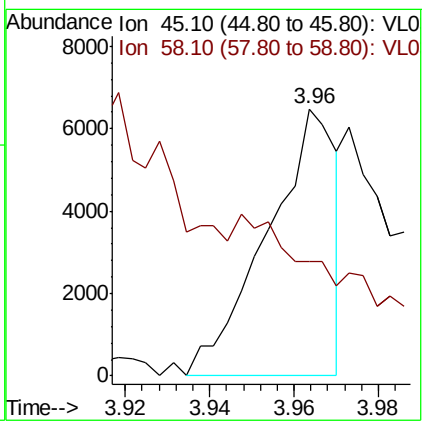


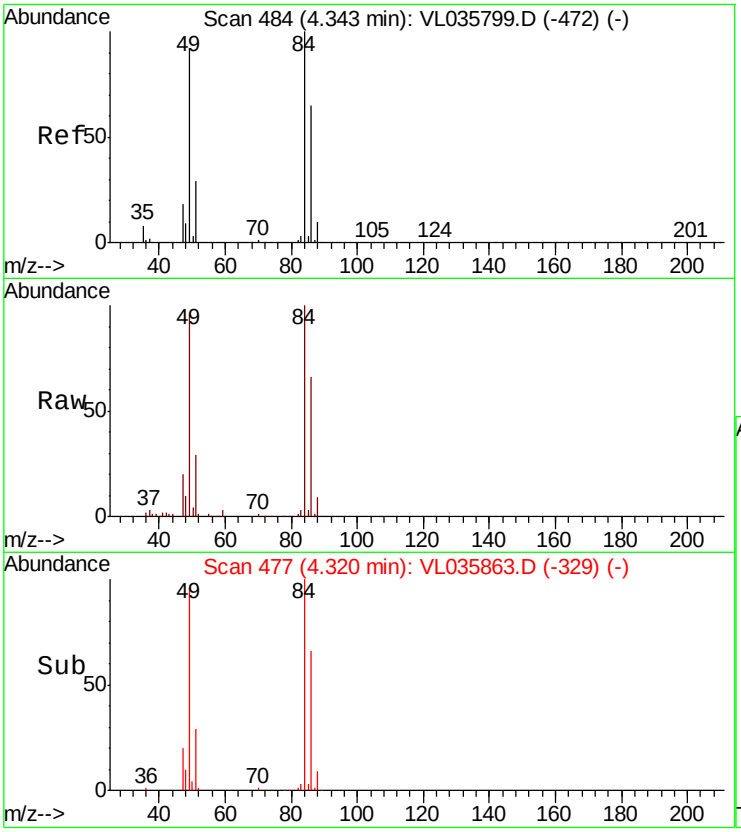


#19
Isopropyl Alcohol
Concen: 0.092 ppbv
RT: 3.96 min Scan# 366
Delta R.T. -0.00 min
Lab File: VL035863.D
Acq: 5 Nov 2020 16:58

Tgt Ion: 45 Resp: 7348

Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.6	3.8#



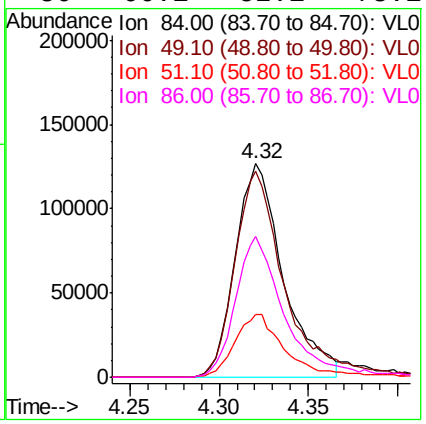


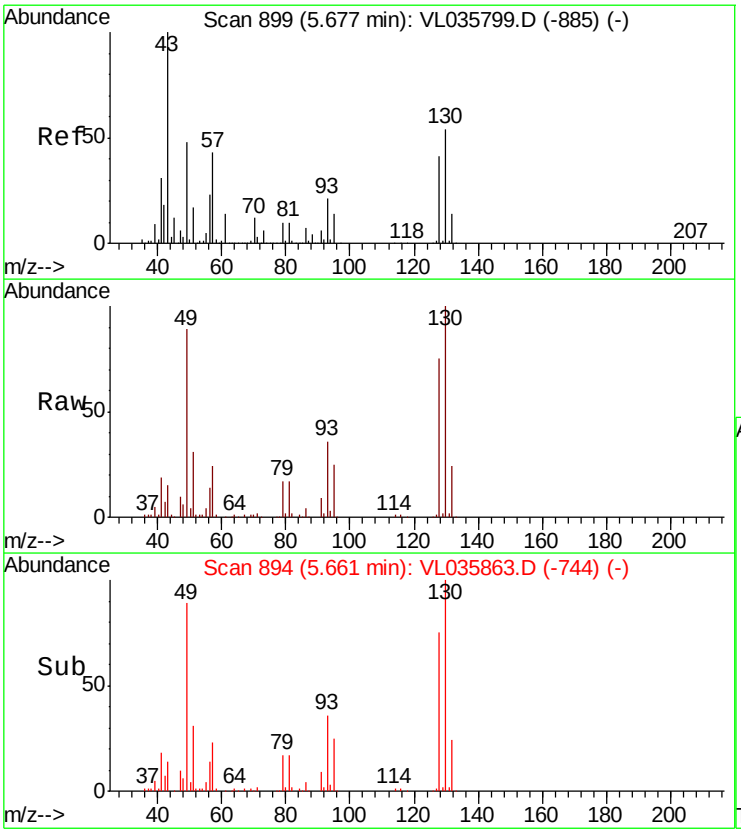
#20
Methylene Chloride
Concen: 2.595 ppbv
RT: 4.32 min Scan# 477
Delta R.T. -0.02 min
Lab File: VL035863.D
Acq: 5 Nov 2020 16:58

Instrument : MSVOA_L
ClientSampleId : SV1DL

Tgt Ion: 84 Resp: 237261

Ion	Ratio	Lower	Upper
84	100		
49	96.4	73.8	110.8
51	29.0	23.0	34.4
86	66.1	52.1	78.1

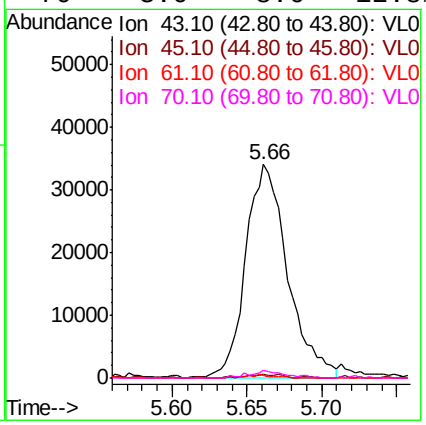


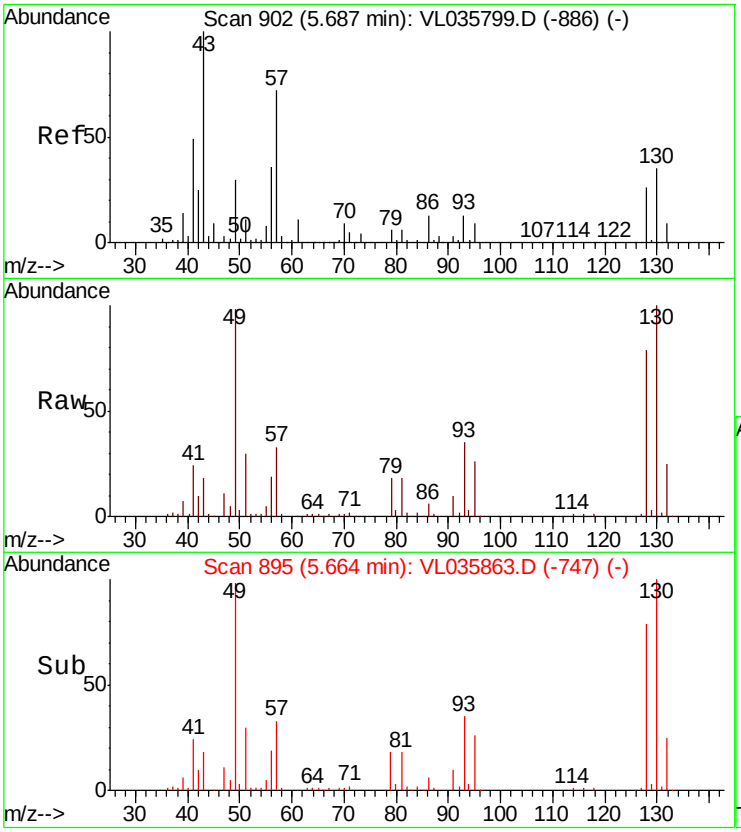


#25
Ethyl Acetate
Concen: 0.260 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.02 min
Lab File: VL035863.D
Acq: 5 Nov 2020 16:58

Tgt Ion: 43 Resp: 66445

Ion	Ratio	Lower	Upper
43	100		
45	1.6	8.5	12.7#
61	1.1	10.7	16.1#
70	3.0	8.6	12.8#



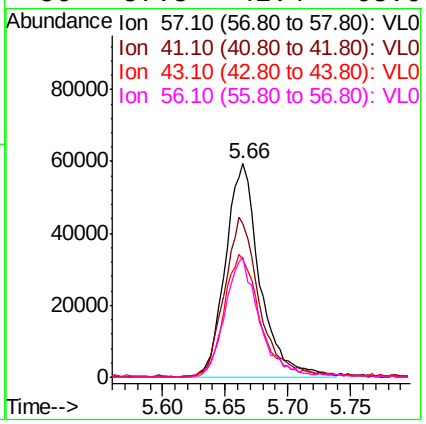


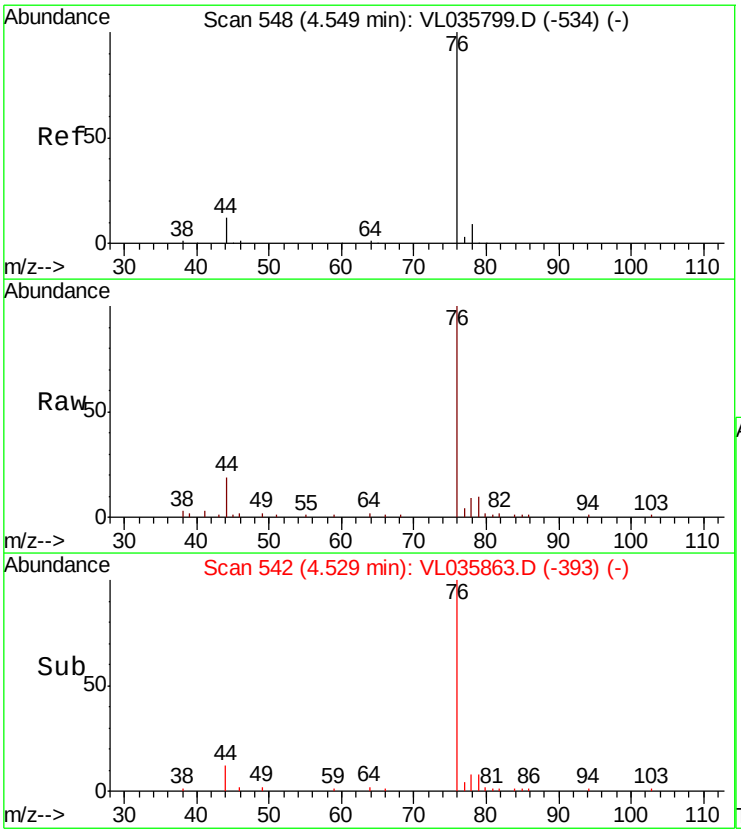
#26
Hexane
Concen: 0.799 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.02 min
Lab File: VL035863.D
Acq: 5 Nov 2020 16:58

Instrument : MSVOA_L
ClientSampleId : SV1DL

Tgt Ion: 57 Resp: 112744

Ion	Ratio	Lower	Upper
57	100		
41	78.3	58.9	88.3
43	59.3	150.2	225.2#
56	57.8	42.4	63.6

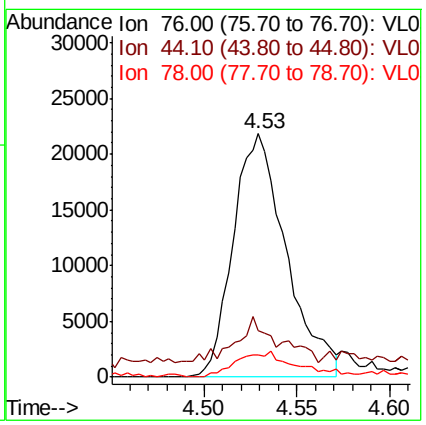


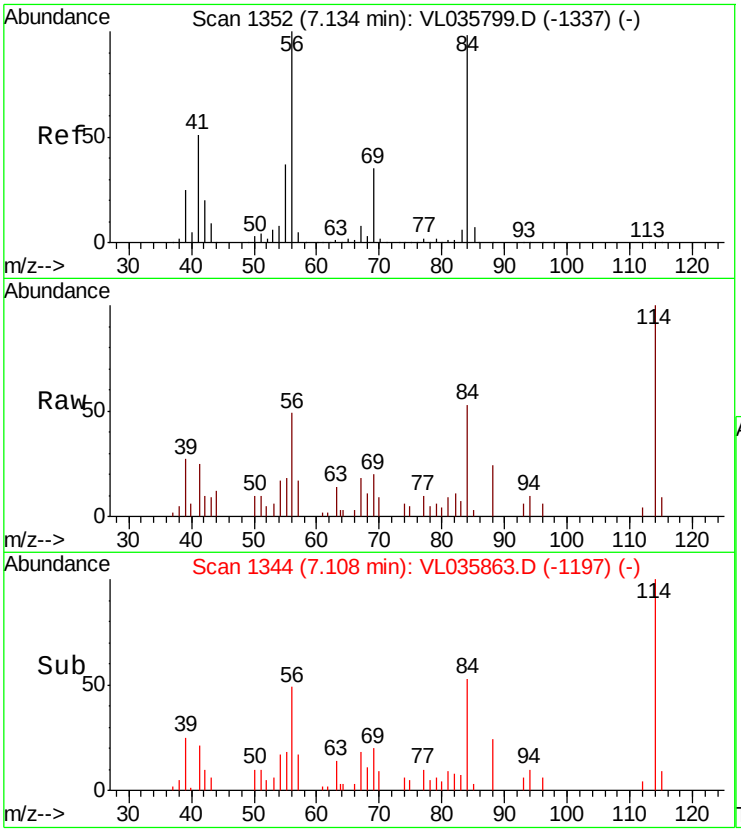


#27
Carbon Disulfide
Concen: 0.206 ppbv
RT: 4.53 min Scan# 542
Delta R.T. -0.02 min
Lab File: VL035863.D
Acq: 5 Nov 2020 16:58

Tgt Ion: 76 Resp: 43488

Ion	Ratio	Lower	Upper
76	100		
44	31.6	9.9	14.9#
78	12.1	8.1	12.1



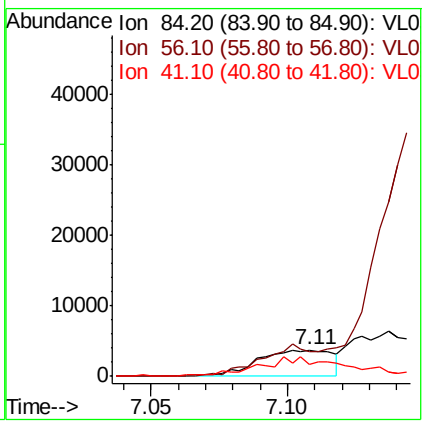


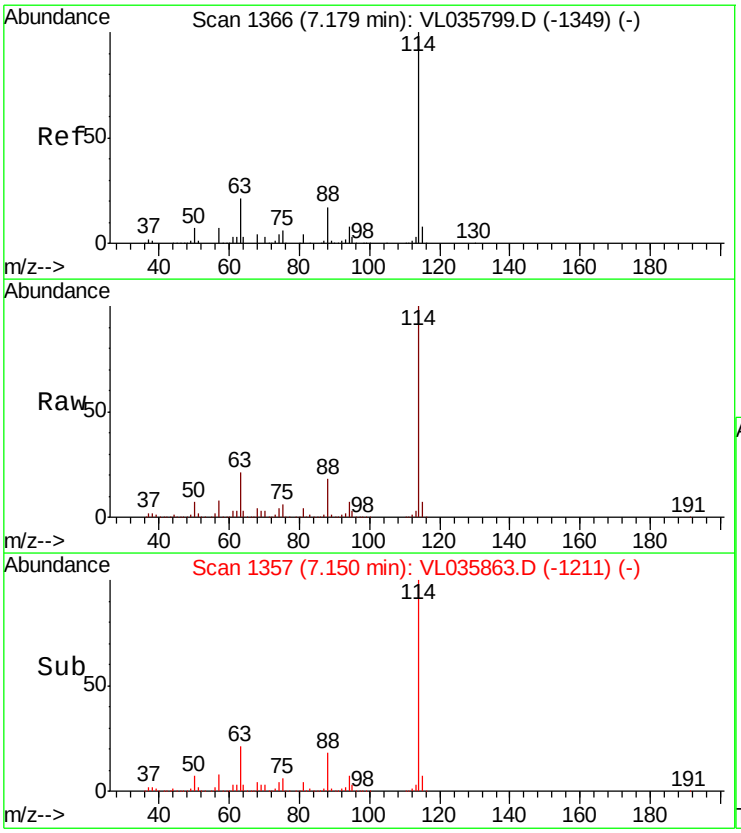
#30
Cyclohexane
Concen: 0.047 ppbv
RT: 7.11 min Scan# 1344
Delta R.T. -0.03 min
Lab File: VL035863.D
Acq: 5 Nov 2020 16:58

Instrument : MSVOA_L
ClientSampleId : SV1DL

Tgt Ion: 84 Resp: 7167

Ion	Ratio	Lower	Upper
84	100		
56	0.0	86.4	129.6#
41	98.5	42.1	63.1#

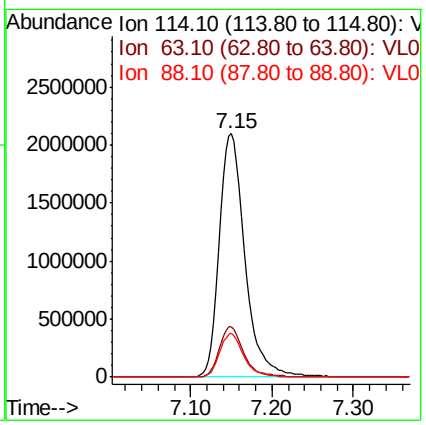


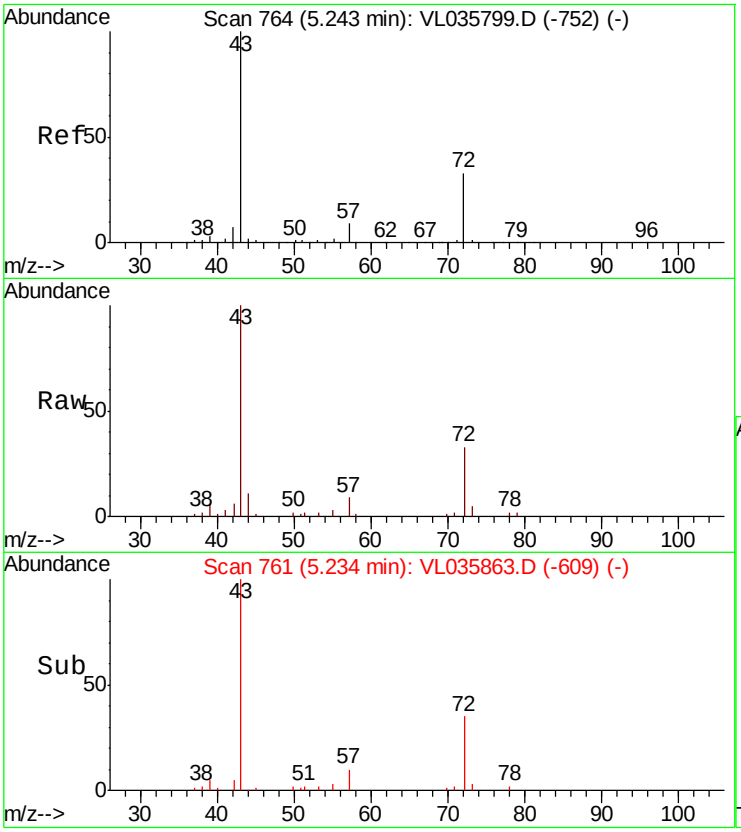


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. -0.03 min
Lab File: VL035863.D
Acq: 5 Nov 2020 16:58

Tgt Ion:114 Resp: 4686573

Ion	Ratio	Lower	Upper
114	100		
63	19.9	16.1	24.1
88	17.1	13.7	20.5



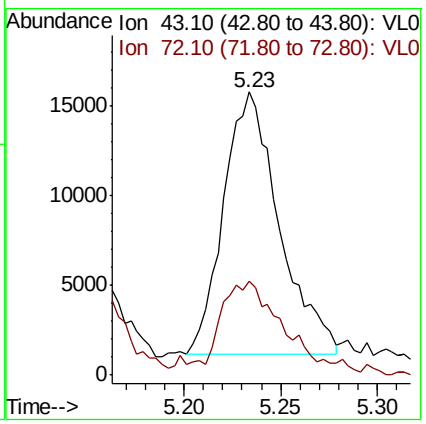


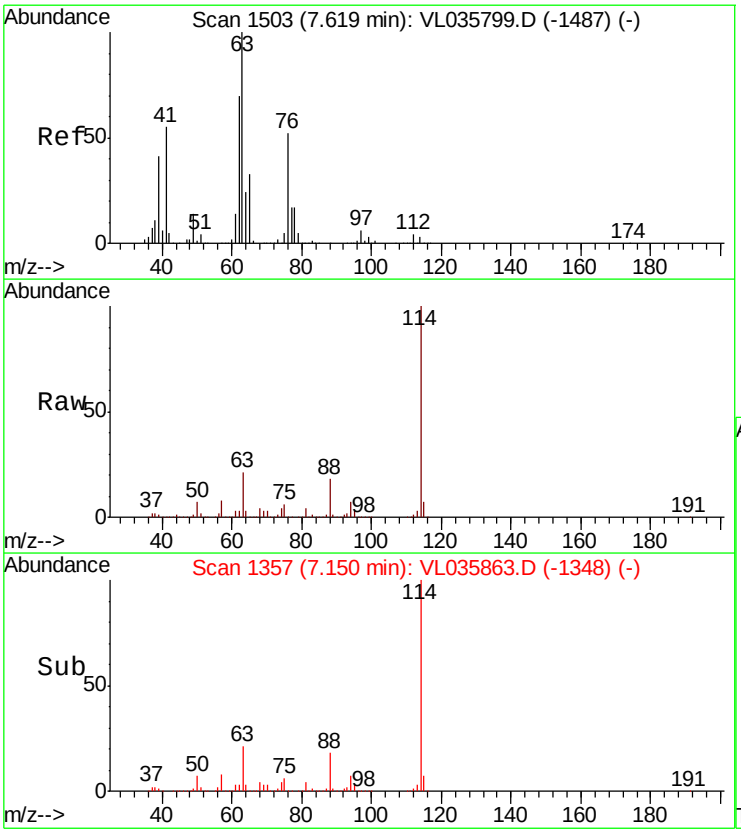
#34
2-Butanone
Concen: 0.193 ppbv
RT: 5.23 min Scan# 761
Delta R.T. -0.01 min
Lab File: VL035863.D
Acq: 5 Nov 2020 16:58

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 43 Resp: 29321

Ion	Ratio	Lower	Upper
43	100		
72	44.6	26.5	39.7#

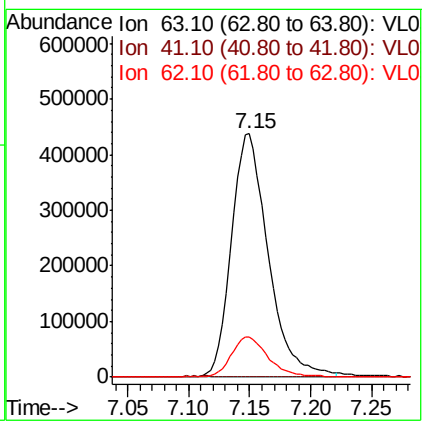


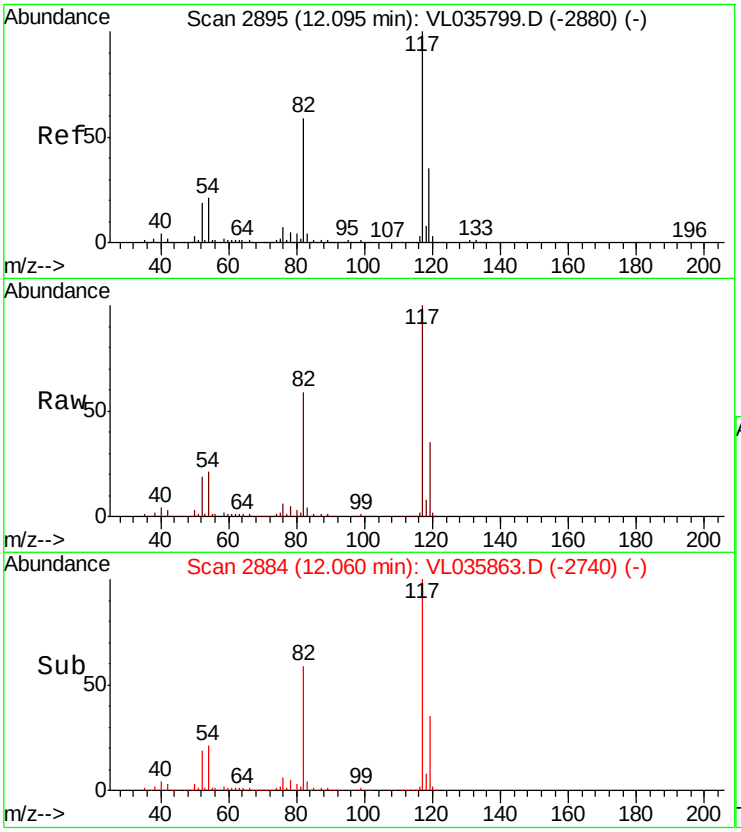


#39
1,2-Dichloropropane
Concen: 7.812 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. -0.47 min
Lab File: VL035863.D
Acq: 5 Nov 2020 16:58

Tgt Ion: 63 Resp: 916371

Ion	Ratio	Lower	Upper
63	100		
41	0.0	43.8	65.6#
62	16.7	56.2	84.2#



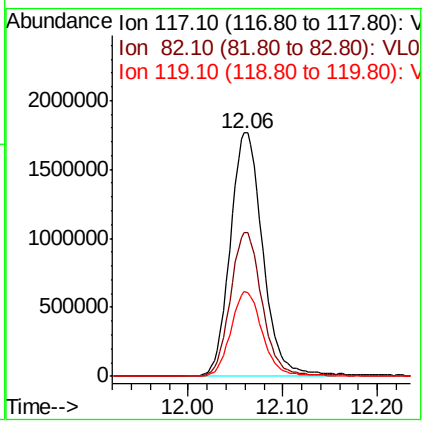


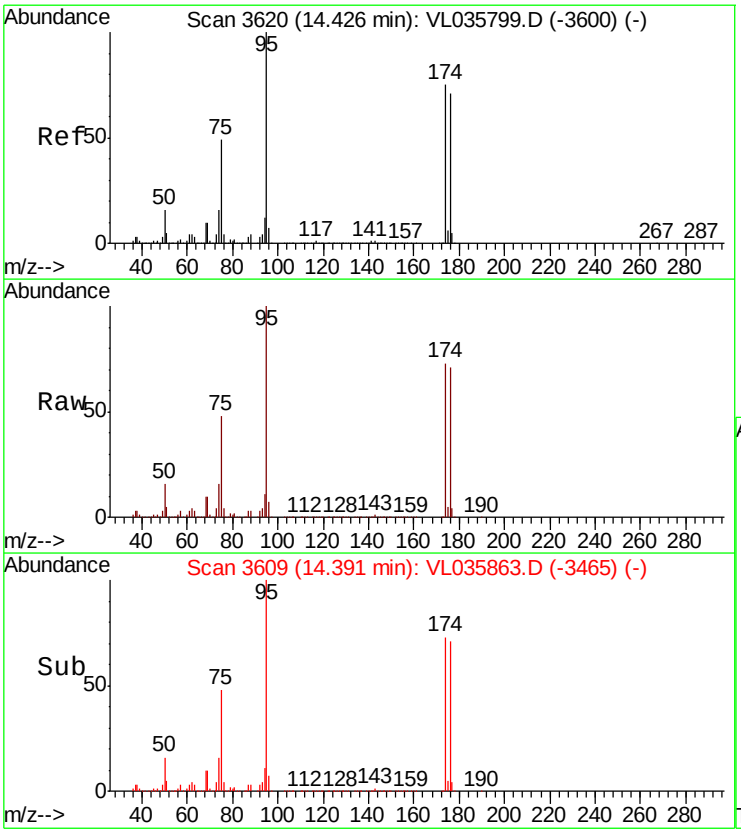
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2884
Delta R.T. -0.04 min
Lab File: VL035863.D
Acq: 5 Nov 2020 16:58

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion:117 Resp: 4214953

Ion	Ratio	Lower	Upper
117	100		
82	58.6	50.6	76.0
119	34.3	52.6	78.8#

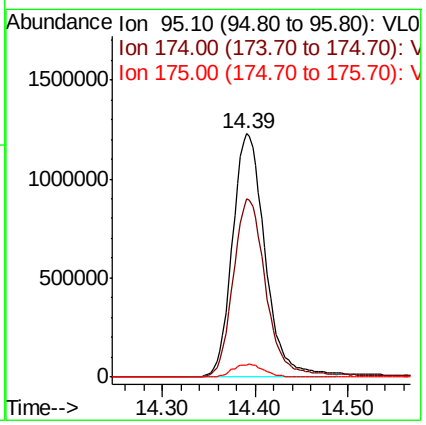


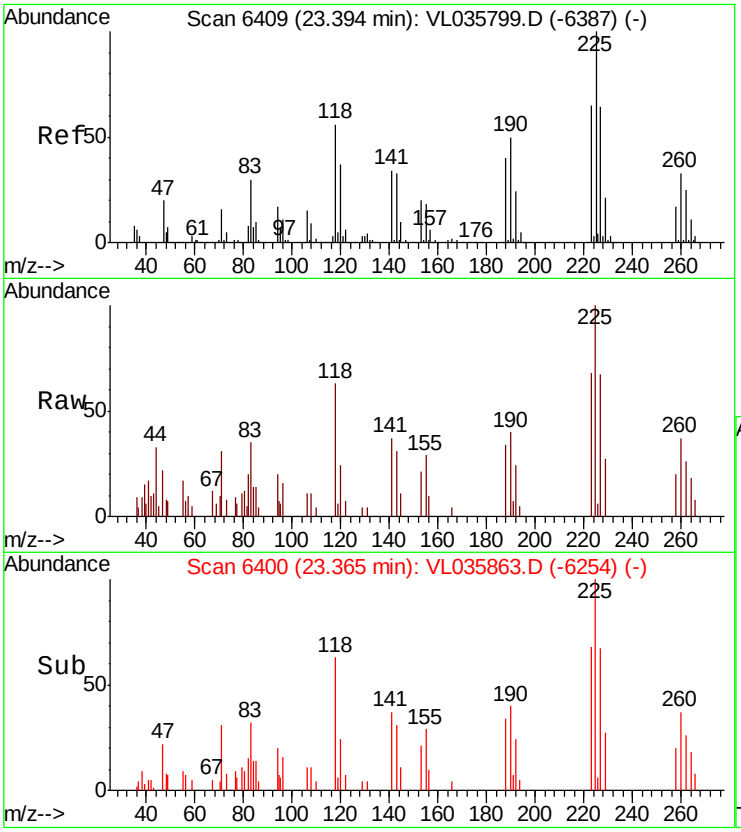


#68
1-Bromo-4-Fluorobenzene
Concen: 10.041 ppbv
RT: 14.39 min Scan# 3609
Delta R.T. -0.04 min
Lab File: VL035863.D
Acq: 5 Nov 2020 16:58

Tgt Ion: 95 Resp: 3007049

Ion	Ratio	Lower	Upper
95	100		
174	75.2	59.8	89.6
175	5.2	4.3	6.5



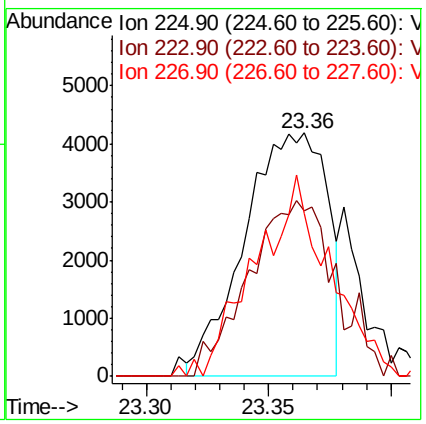


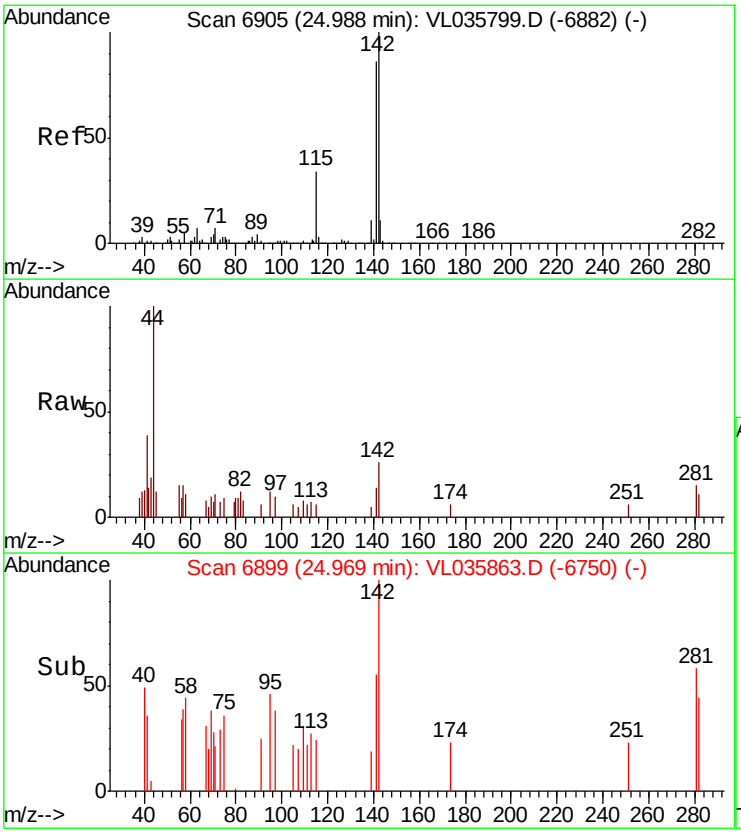
#78
Hexachloro-1,3-Butadiene
Concen: 0.068 ppbv
RT: 23.36 min Scan# 6400
Delta R.T. -0.03 min
Lab File: VL035863.D
Acq: 5 Nov 2020 16:58

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion:225 Resp: 9860

Ion	Ratio	Lower	Upper
225	100		
223	76.3	51.0	76.6
227	75.2	51.2	76.8





#80
Naphthalene,2-methyl-
Concen: 0.043 ppbv
RT: 24.97 min Scan# 6899
Delta R.T. -0.02 min
Lab File: VL035863.D
Acq: 5 Nov 2020 16:58

Tgt Ion:142 Resp: 2479

Ion	Ratio	Lower	Upper
142	100		
141	53.7	67.8	101.8#
115	24.8	28.1	42.1#