Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL021820\

Quantitation Report (Not Reviewed)

Data File : VL034634.D
Acq On : 18 Feb 2020 21:38
Operator : SY/AP
Sample : L1532-08DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : L-SSDL

Quant Time: Feb 19 06:06:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 30 17:16:44 2020
QLast Update : Thu Jan 30 17:16:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	871153	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	1804447	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	1816209	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	1550152	10.10	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.01	85	9826	0.051	ppbv #	65
3) Chlorodifluoromethane	2.95	51	6398	0.061	ppbv #	89
11) Trichlorofluoromethane	3.92	101	5671	0.033	ppbv #	30
13) Ethanol	3.58	45	508	0.046	ppbv #	38
15) Acetone	3.83	43	52996	0.414	ppbv #	87
17) tert-Butyl alcohol	4.30	59	5580	0.059	ppbv #	75
20) Methylene Chloride	4.32	84	22903	0.470	ppbv	95
26) Hexane	5.67	57	4283	0.049	ppbv #	31
30) Cyclohexane	7.17	84	3761	0.058	ppbv #	1
31) cis-1,2-Dichloroethene	5.53	61	22318	0.247	ppbv	94
38) Trichloroethene	7.84	130	2717	0.040	ppbv #	11
39) 1,2-Dichloropropane	7.18	63	530723	7.978	ppbv #	20
52) Tetrachloroethene	11.25	164	718139	11.140	ppbv	97

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

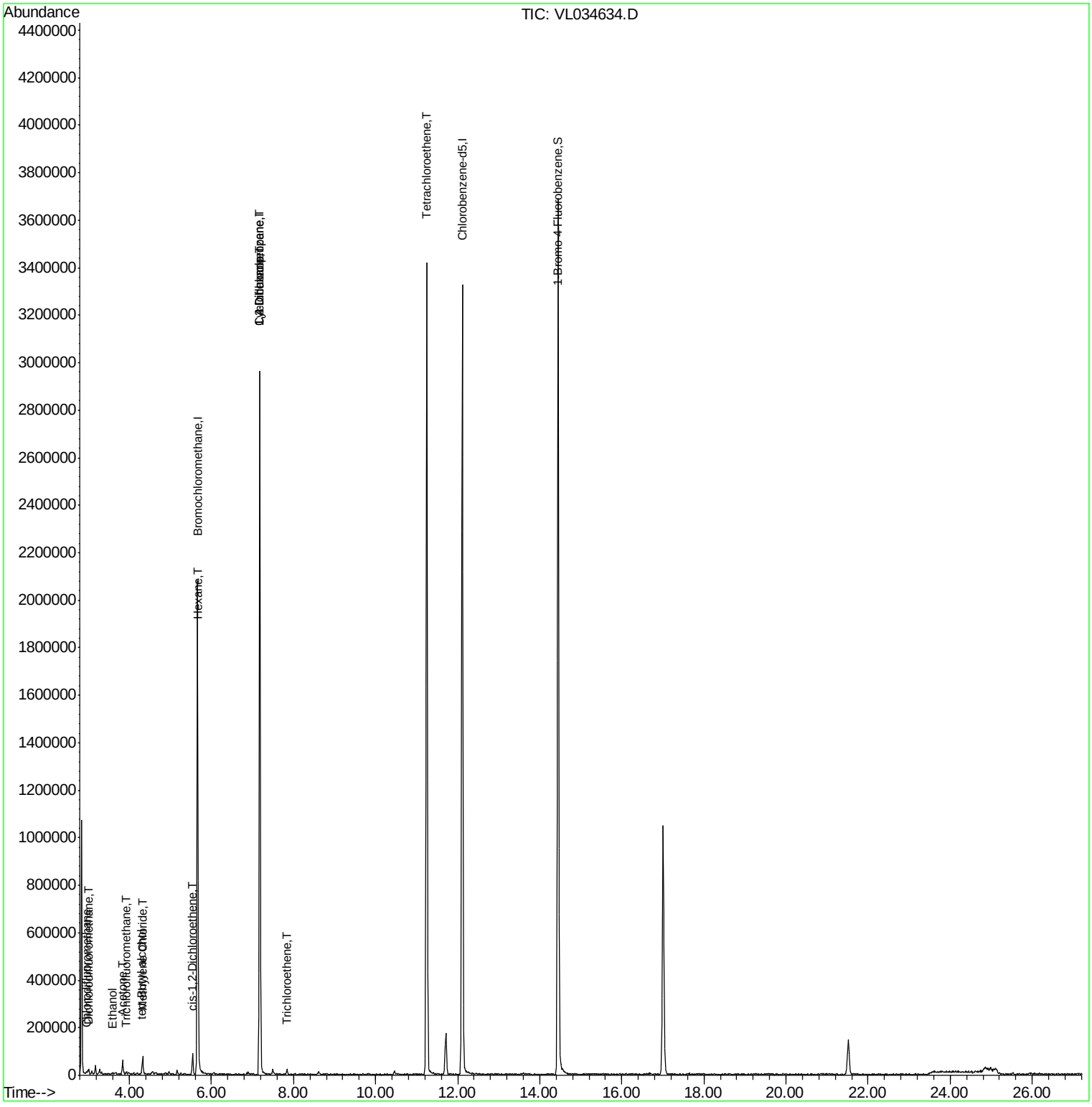
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL021820\

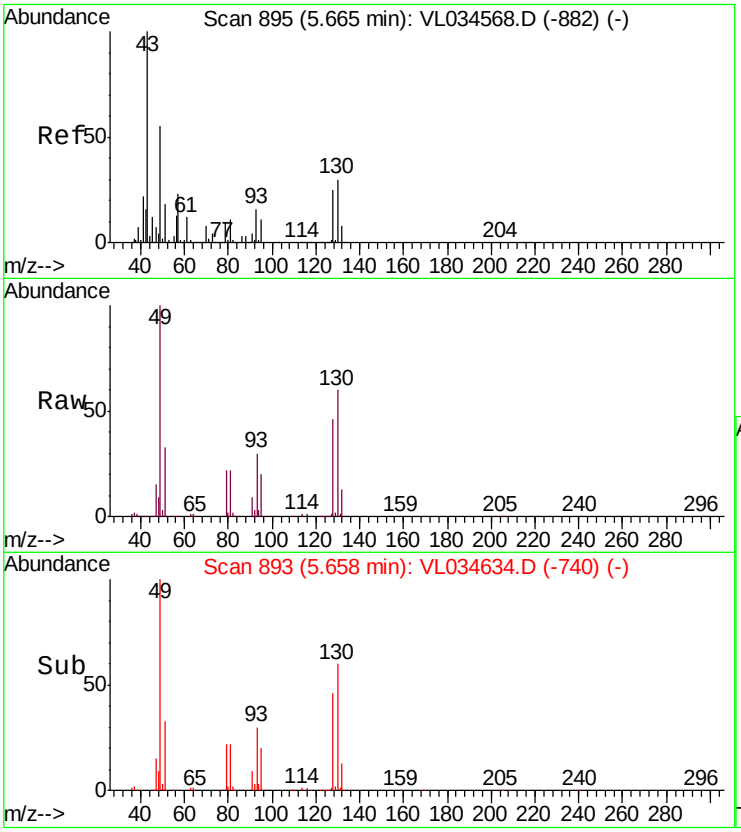
Quantitation Report (Not Reviewed)

Data File : VL034634.D
Acq On : 18 Feb 2020 21:38
Operator : SY/AP
Sample : L1532-08DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : L-SSDL

Quant Time: Feb 19 06:06:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 30 17:16:44 2020
QLast Update : Thu Jan 30 17:16:44 2020
Response via : Initial Calibration



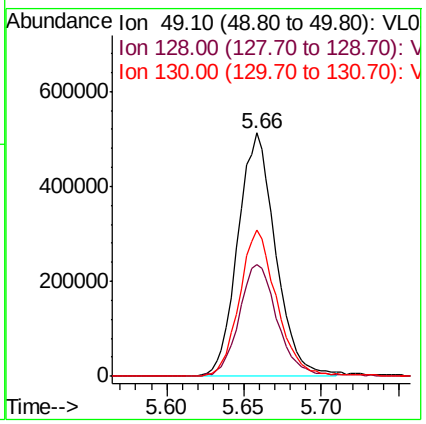


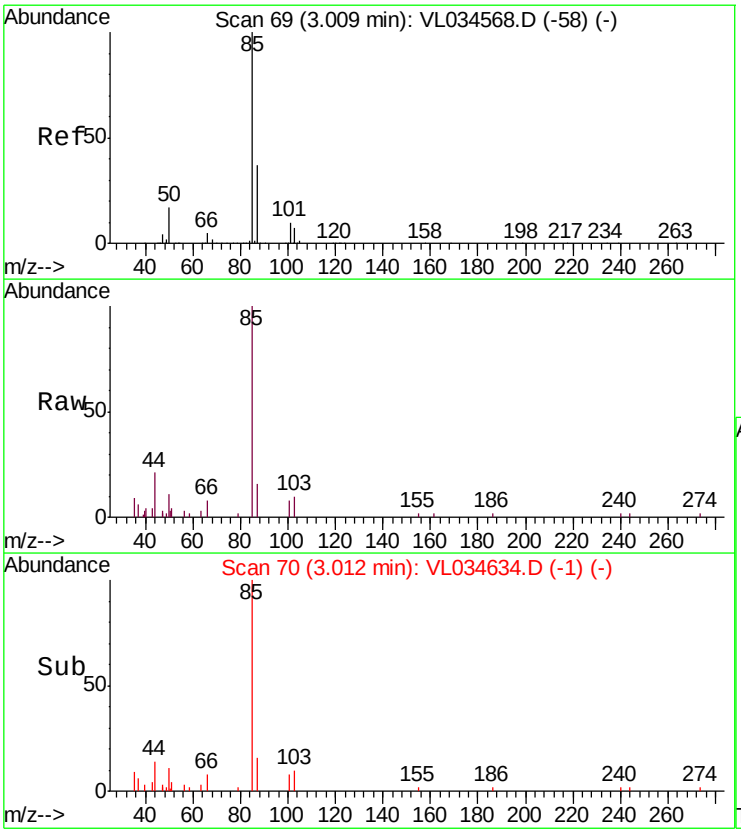
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.01 min
Lab File: VL034634.D
Acq: 18 Feb 2020 21:38

Instrument :
MSVOA_L
ClientSampleId :
L-SSDL

Tgt Ion: 49 Resp: 871153

Ion	Ratio	Lower	Upper
49	100		
128	47.3	22.7	68.1
130	59.8	28.6	85.8

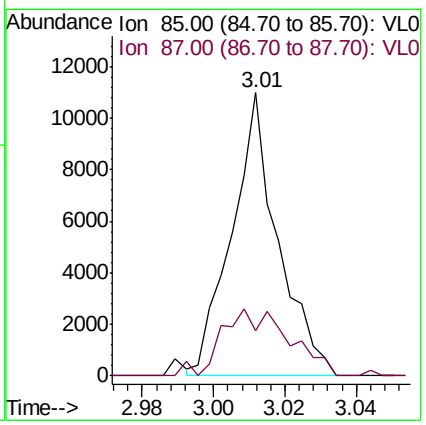


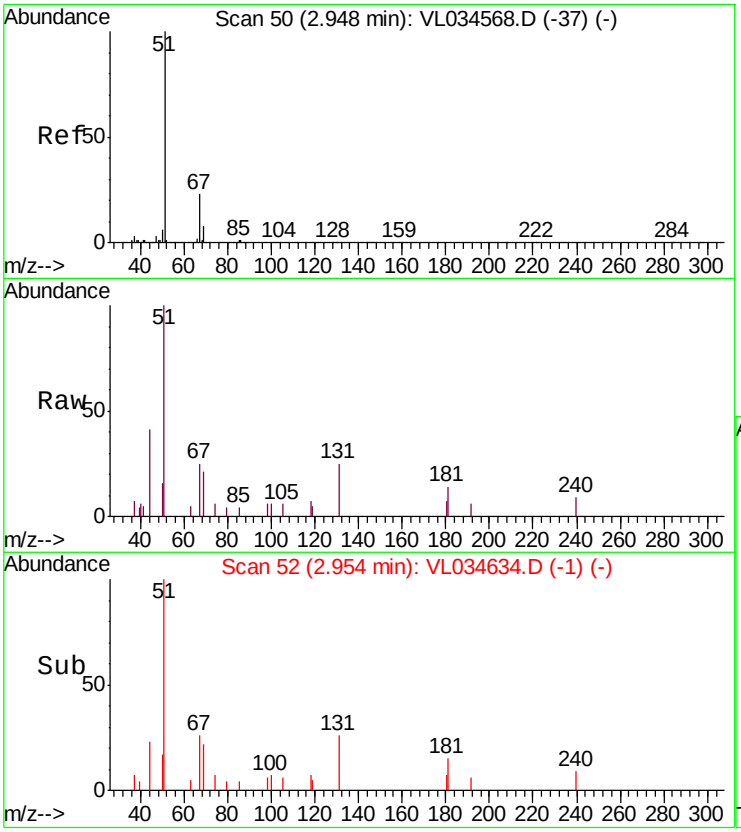


#2
Dichlorodifluoromethane
Concen: 0.051 ppbv
RT: 3.01 min Scan# 70
Delta R.T. 0.00 min
Lab File: VL034634.D
Acq: 18 Feb 2020 21:38

Tgt Ion: 85 Resp: 9826

Ion	Ratio	Lower	Upper
85	100		
87	15.9	29.5	44.3#



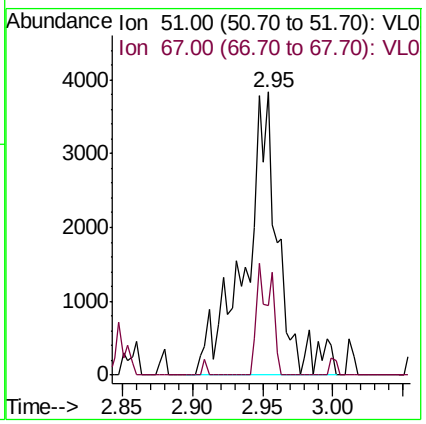


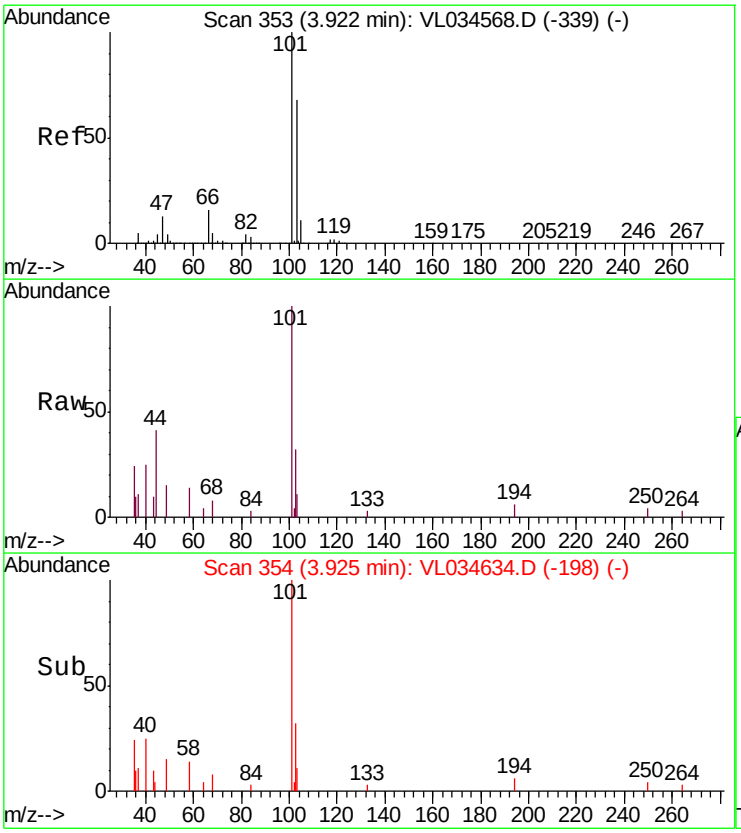
#3
Chlorodifluoromethane
Concen: 0.061 ppbv
RT: 2.95 min Scan# 52
Delta R.T. 0.01 min
Lab File: VL034634.D
Acq: 18 Feb 2020 21:38

Instrument : MSVOA_L
ClientSampleId : L-SSDL

Tgt Ion: 51 Resp: 6398

Ion	Ratio	Lower	Upper
51	100		
67	16.9	17.8	26.8#

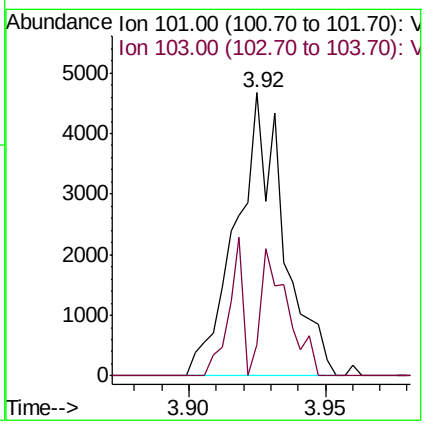


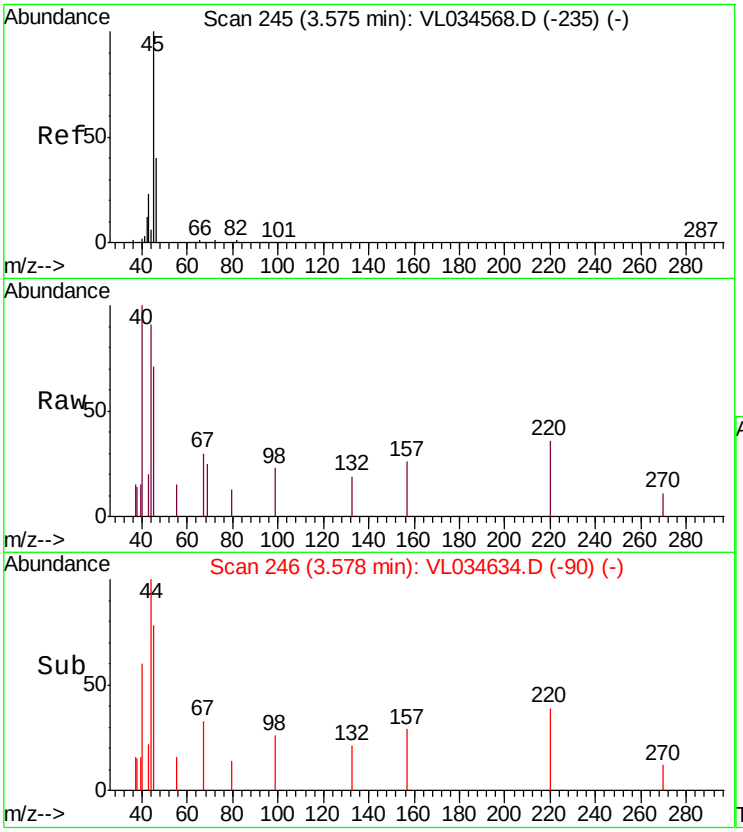


#11
Trichlorofluoromethane
Concen: 0.033 ppbv
RT: 3.92 min Scan# 354
Delta R.T. 0.00 min
Lab File: VL034634.D
Acq: 18 Feb 2020 21:38

Tgt Ion:101 Resp: 5671

Ion	Ratio	Lower	Upper
101	100		
103	11.1	54.4	81.6#



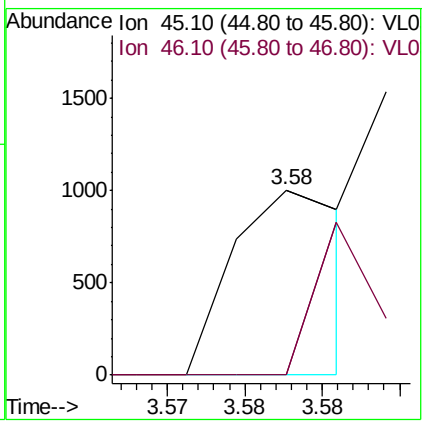


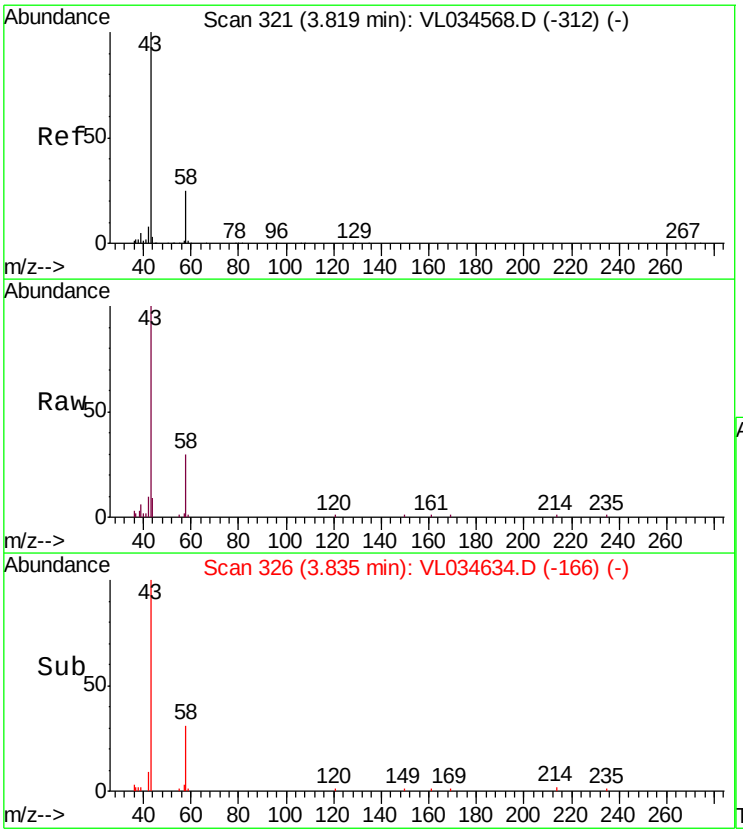
#13
Ethanol
Concen: 0.046 ppbv
RT: 3.58 min Scan# 246
Delta R.T. 0.00 min
Lab File: VL034634.D
Acq: 18 Feb 2020 21:38

Instrument : MSVOA_L
ClientSampleId : L-SSDL

Tgt Ion: 45 Resp: 508

Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.8	59.2#

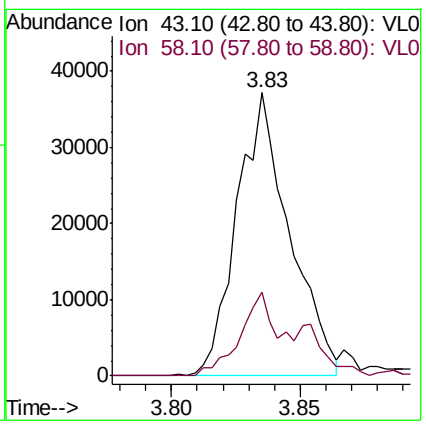


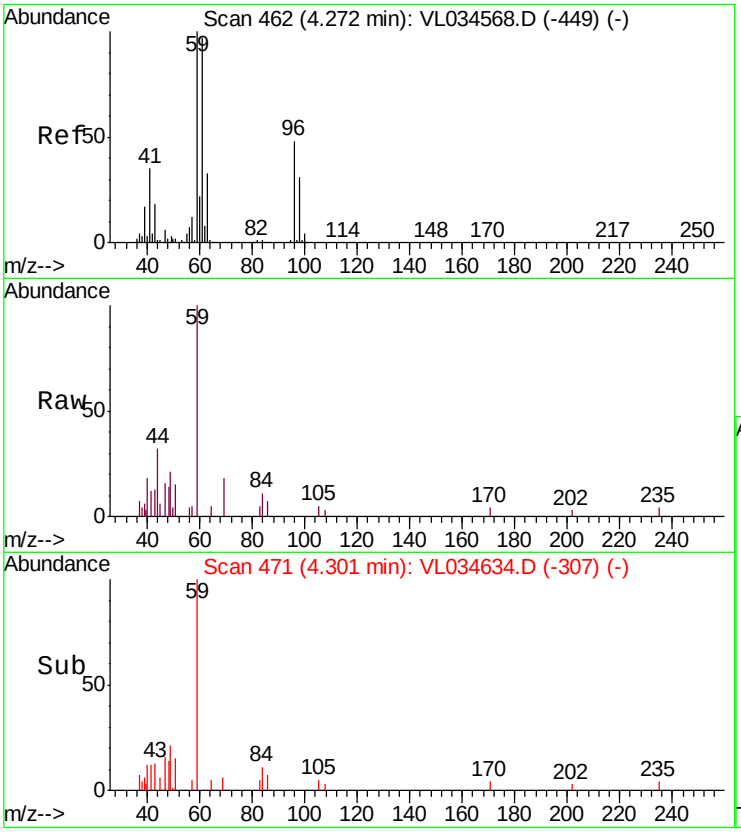


#15
Acetone
Concen: 0.414 ppbv
RT: 3.83 min Scan# 326
Delta R.T. 0.02 min
Lab File: VL034634.D
Acq: 18 Feb 2020 21:38

Tgt Ion: 43 Resp: 52996

Ion	Ratio	Lower	Upper
43	100		
58	32.0	20.3	30.5#



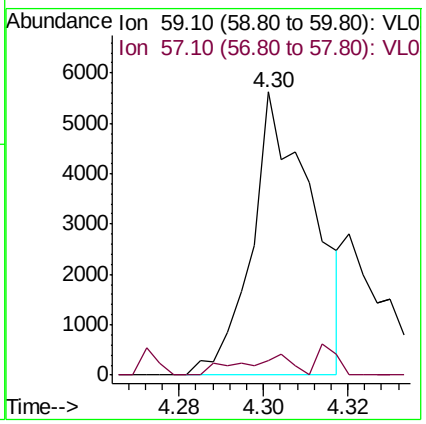


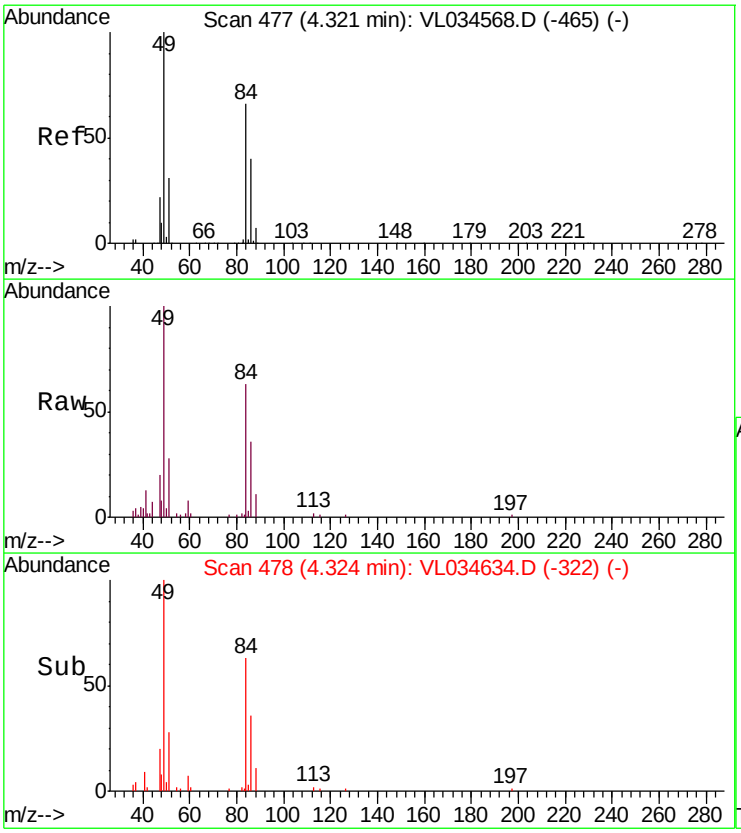
#17
tert-Butyl alcohol
Concen: 0.059 ppbv
RT: 4.30 min Scan# 471
Delta R.T. 0.03 min
Lab File: VL034634.D
Acq: 18 Feb 2020 21:38

Instrument : MSVOA_L
ClientSampleId : L-SSDL

Tgt Ion: 59 Resp: 5580

Ion	Ratio	Lower	Upper
59	100		
57	1.3	8.7	13.1#

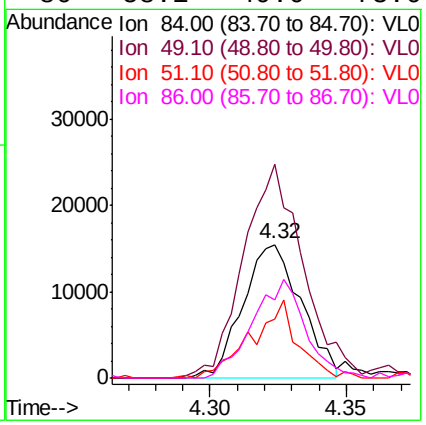


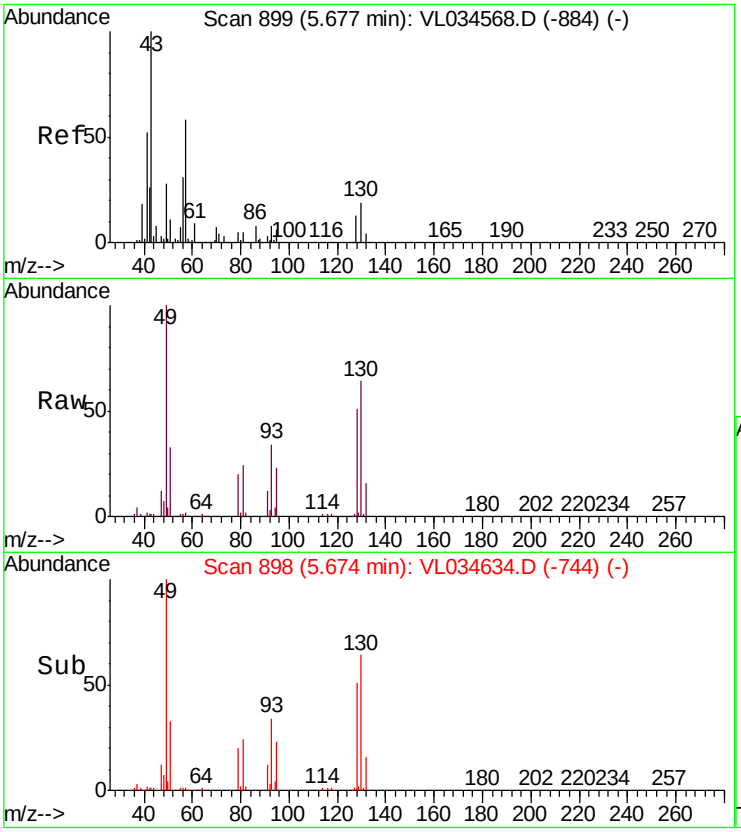


#20
Methylene Chloride
Concen: 0.470 ppbv
RT: 4.32 min Scan# 478
Delta R.T. 0.00 min
Lab File: VL034634.D
Acq: 18 Feb 2020 21:38

Tgt Ion: 84 Resp: 22903

Ion	Ratio	Lower	Upper
84	100		
49	158.3	122.4	183.6
51	43.1	38.6	57.8
86	58.1	49.0	73.6



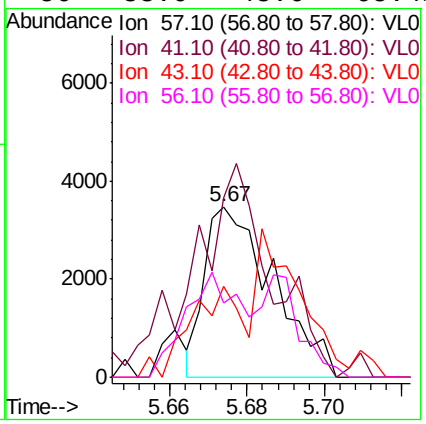


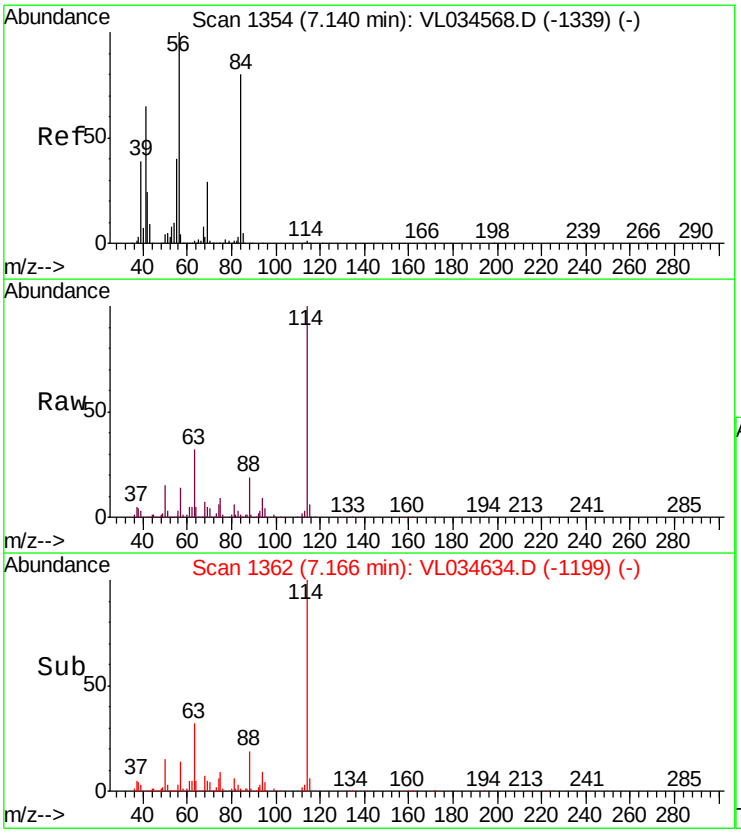
#26
Hexane
Concen: 0.049 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.00 min
Lab File: VL034634.D
Acq: 18 Feb 2020 21:38

Instrument :
MSVOA_L
ClientSampleId :
L-SSDL

Tgt Ion: 57 Resp: 4283

Ion	Ratio	Lower	Upper
57	100		
41	148.3	76.2	114.2#
43	99.0	189.9	284.9#
56	83.0	43.6	65.4#

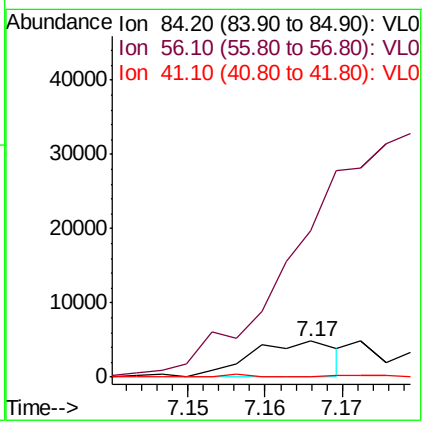


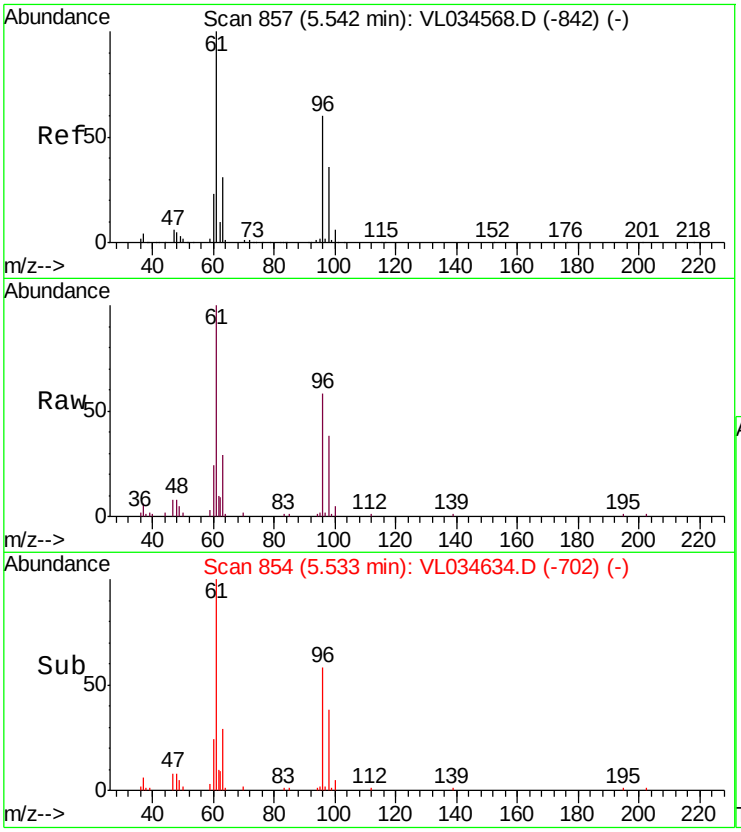


#30
Cyclohexane
Concen: 0.058 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. 0.03 min
Lab File: VL034634.D
Acq: 18 Feb 2020 21:38

Tgt Ion: 84 Resp: 3761

Ion	Ratio	Lower	Upper
84	100		
56	0.0	110.5	165.7#
41	0.0	71.9	107.9#



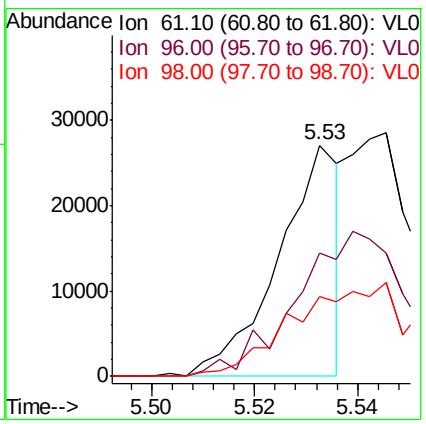


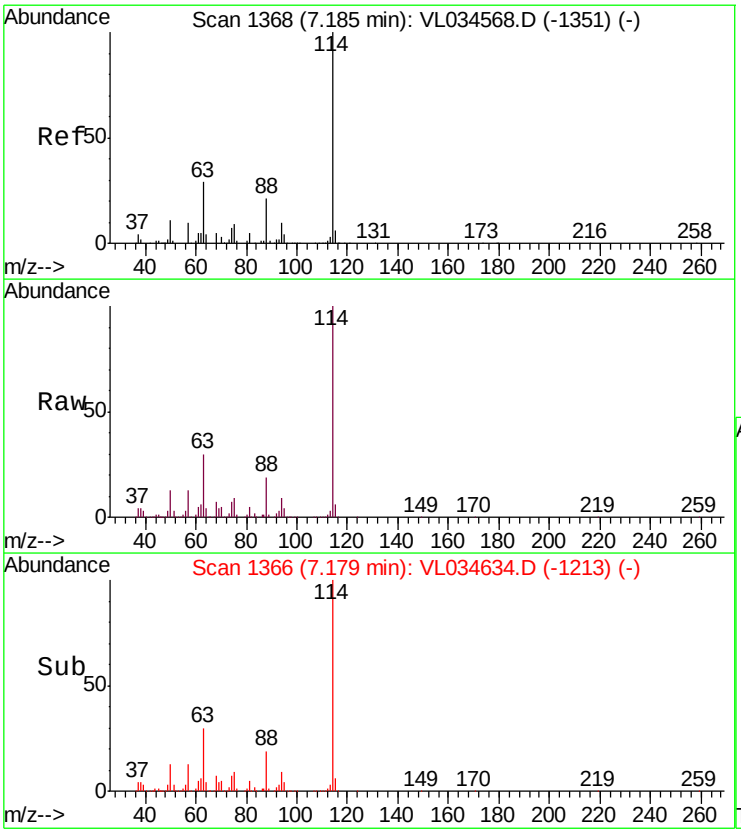
#31
cis-1,2-Dichloroethene
Concen: 0.247 ppbv
RT: 5.53 min Scan# 854
Delta R.T. -0.01 min
Lab File: VL034634.D
Acq: 18 Feb 2020 21:38

Instrument :
MSVOA_L
ClientSampleId :
L-SSDL

Tgt Ion: 61 Resp: 22318

Ion	Ratio	Lower	Upper
61	100		
96	53.6	48.0	72.0
98	34.7	28.6	43.0

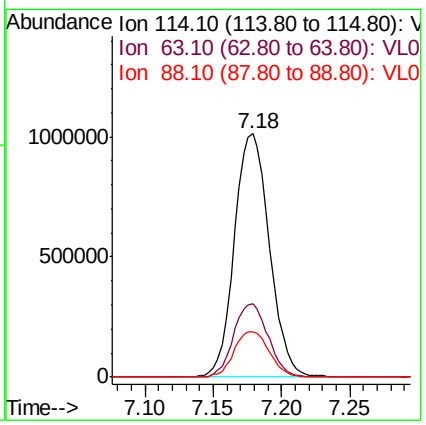


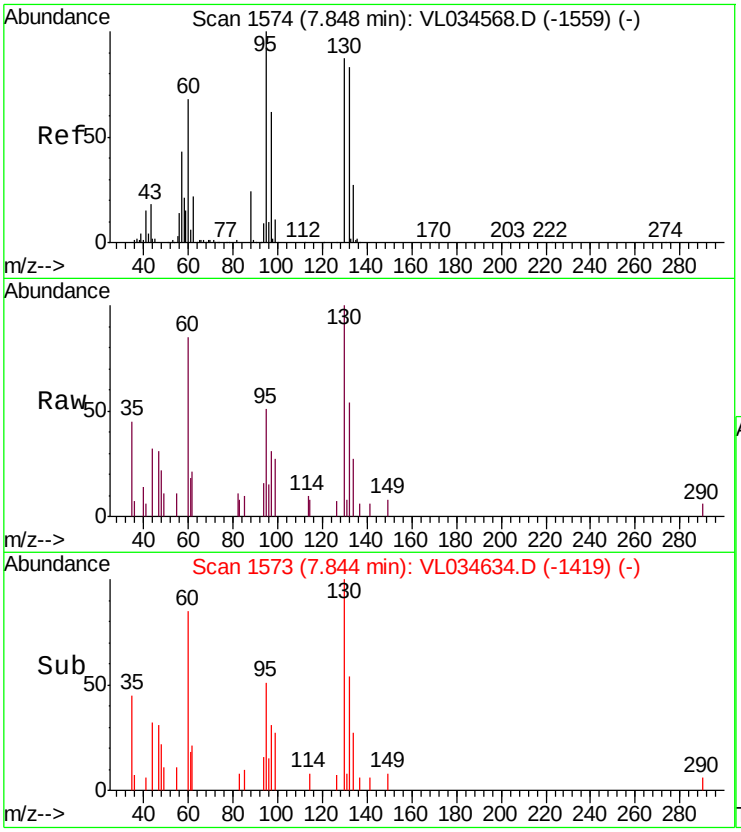


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.01 min
Lab File: VL034634.D
Acq: 18 Feb 2020 21:38

Tgt Ion:114 Resp: 1804447

Ion	Ratio	Lower	Upper
114	100		
63	29.9	24.1	36.1
88	19.0	15.9	23.9



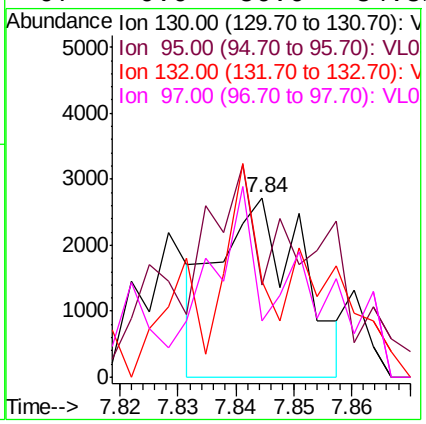


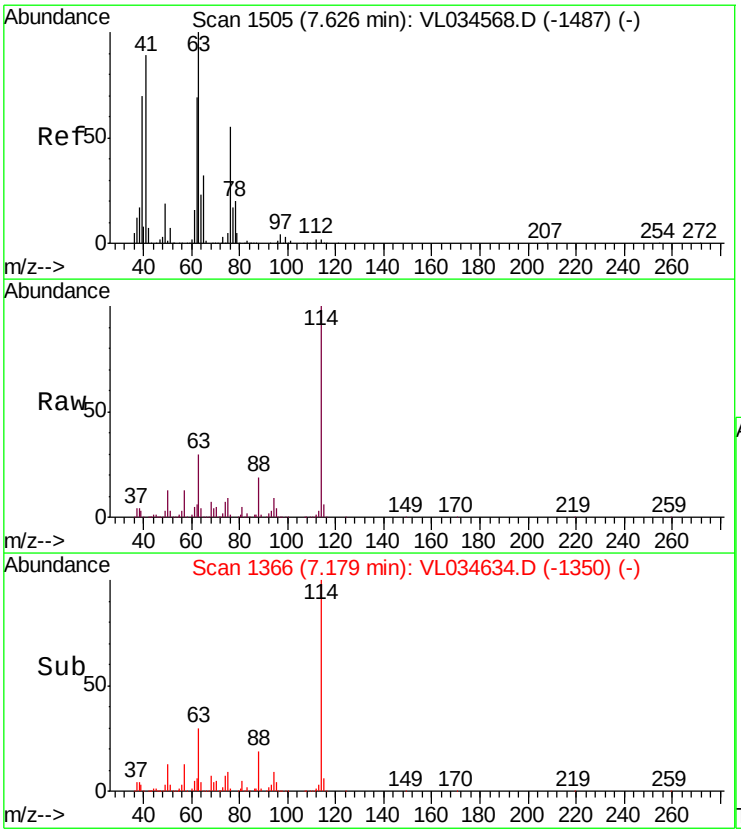
#38
Trichloroethene
Concen: 0.040 ppbv
RT: 7.84 min Scan# 1573
Delta R.T. -0.00 min
Lab File: VL034634.D
Acq: 18 Feb 2020 21:38

Instrument : MSVOA_L
ClientSampleId : L-SSDL

Tgt Ion:130 Resp: 2717

Ion	Ratio	Lower	Upper
130	100		
95	23.9	91.6	137.4#
132	0.0	76.1	114.1#
97	0.0	56.6	84.8#

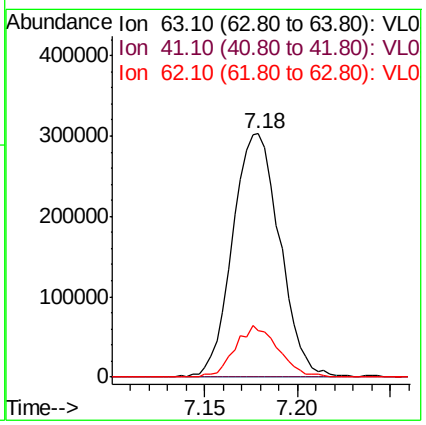


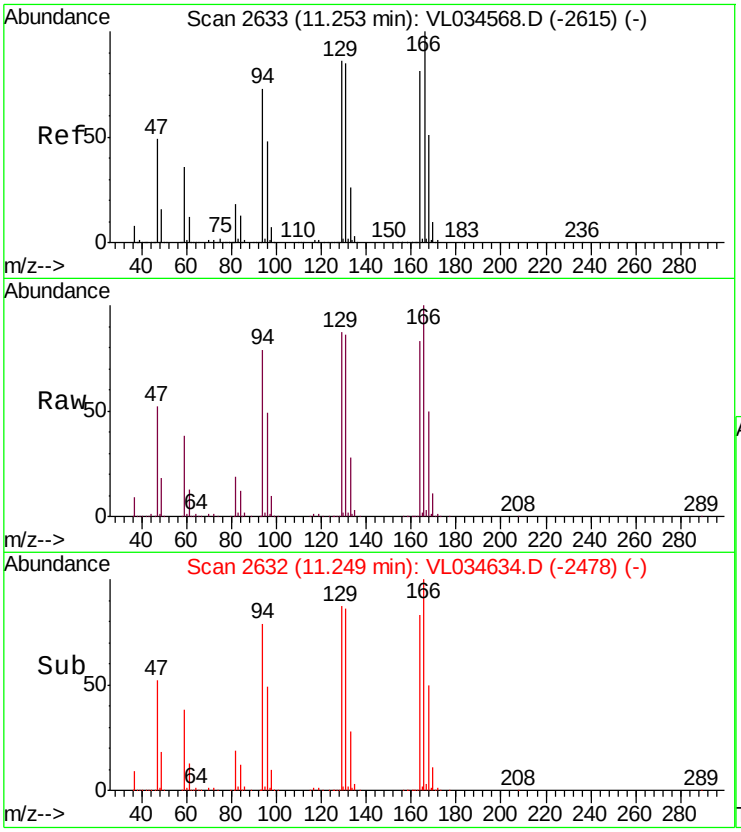


#39
1,2-Dichloropropane
Concen: 7.978 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.45 min
Lab File: VL034634.D
Acq: 18 Feb 2020 21:38

Tgt Ion: 63 Resp: 530723

Ion	Ratio	Lower	Upper
63	100		
41	0.1	71.0	106.4#
62	19.0	55.4	83.0#



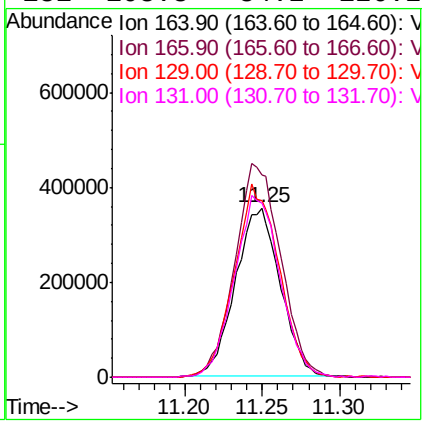


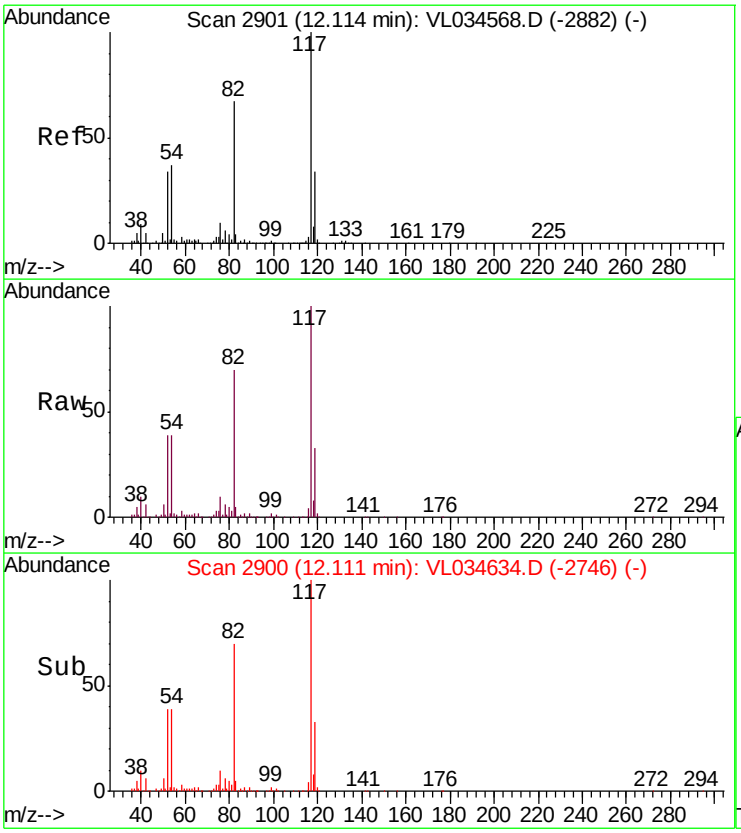
#52
Tetrachloroethene
Concen: 11.140 ppbv
RT: 11.25 min Scan# 2632
Delta R.T. -0.00 min
Lab File: VL034634.D
Acq: 18 Feb 2020 21:38

Instrument : MSVOA_L
ClientSampleId : L-SSDL

Tgt Ion:164 Resp: 718139

Ion	Ratio	Lower	Upper
164	100		
166	119.6	99.0	148.4
129	104.7	85.3	127.9
131	103.3	84.2	126.2

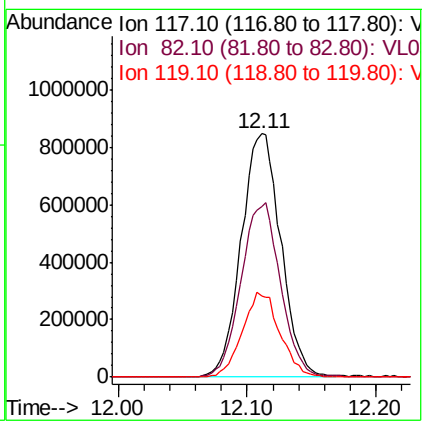


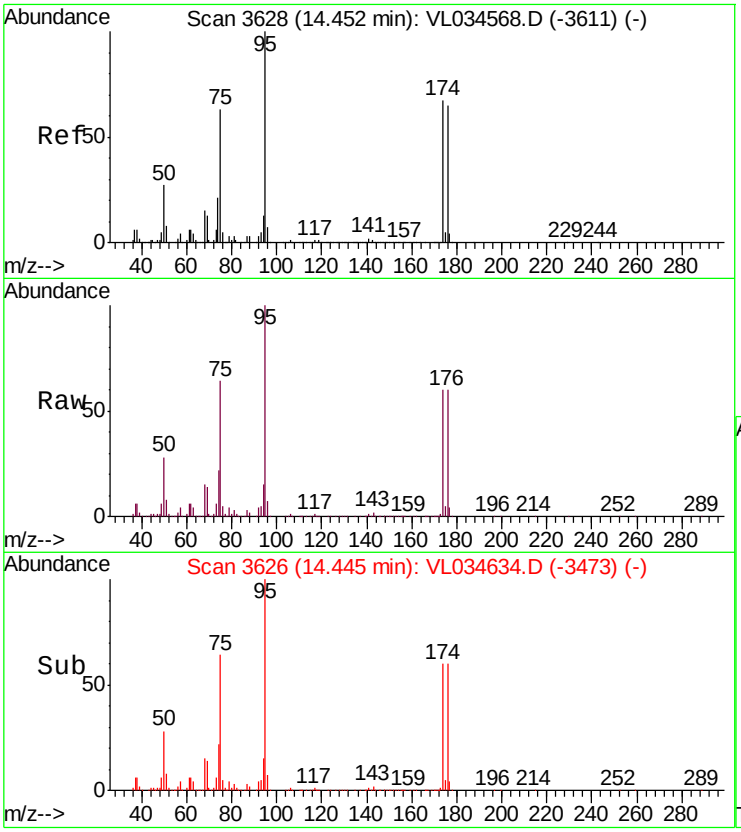


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. -0.00 min
Lab File: VL034634.D
Acq: 18 Feb 2020 21:38

Tgt Ion:117 Resp: 1816209

Ion	Ratio	Lower	Upper
117	100		
82	71.3	54.2	81.4
119	33.2	26.1	39.1





#68
1-Bromo-4-Fluorobenzene
Concen: 10.099 ppbv
RT: 14.45 min Scan# 3626
Delta R.T. -0.01 min
Lab File: VL034634.D
Acq: 18 Feb 2020 21:38

Instrument :
MSVOA_L
ClientSampleId :
L-SSDL

Tgt Ion: 95 Resp: 1550152

Ion	Ratio	Lower	Upper
95	100		
174	64.2	52.3	78.5
175	4.7	3.8	5.6