Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121118\
Data File : VL032975.D
Acq On : 12 Dec 2018 4:25
Operator : SY/AP
Sample : J6262-04DL2 800X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Dec 12 06:25:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Dec 07 09:35:17 2018
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1038424	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2627133	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	2453391	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	1807468	9.97	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.70%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	3.02	51	8062	0.103	ppbv	93
4) Chloromethane	3.18	50	6151	0.134	ppbv #	84
20) Methylene Chloride	4.41	84	4663	0.107	ppbv	93
22) trans-1,2-Dichloroethene	4.97	96	7055	0.130	ppbv	83
30) Cyclohexane	7.28	84	5804	0.072	ppbv #	1
31) cis-1,2-Dichloroethene	5.65	61	11485	0.129	ppbv #	87
38) Trichloroethene	7.96	130	57460	0.715	ppbv	94
39) 1,2-Dichloropropane	7.30	63	656289	8.956	ppbv #	21
52) Tetrachloroethene	11.38	164	355939	5.064	ppbv	95

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

Quantitation Report (Not Reviewed)

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Acq On : 12 Dec 2018 4:25
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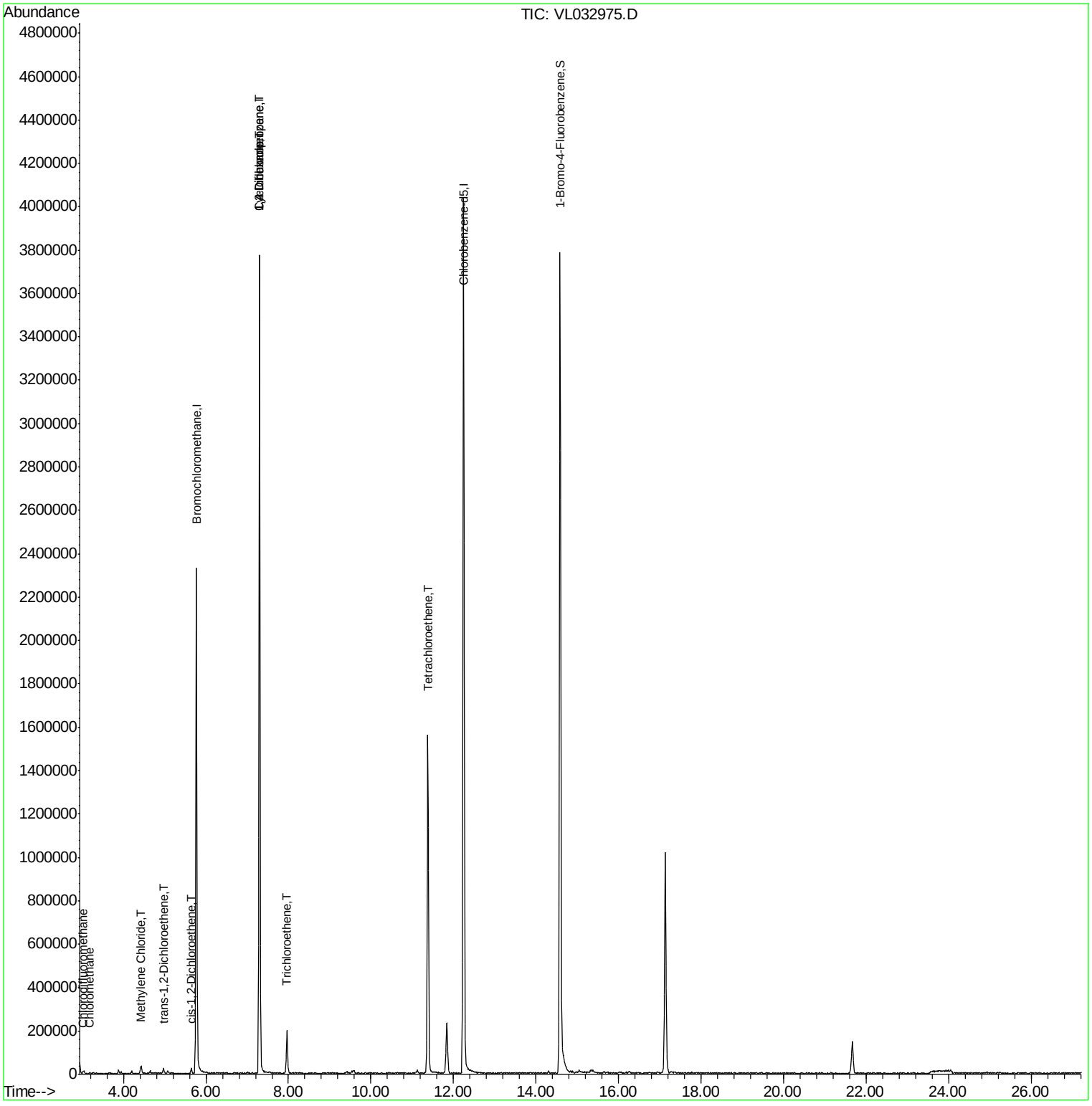
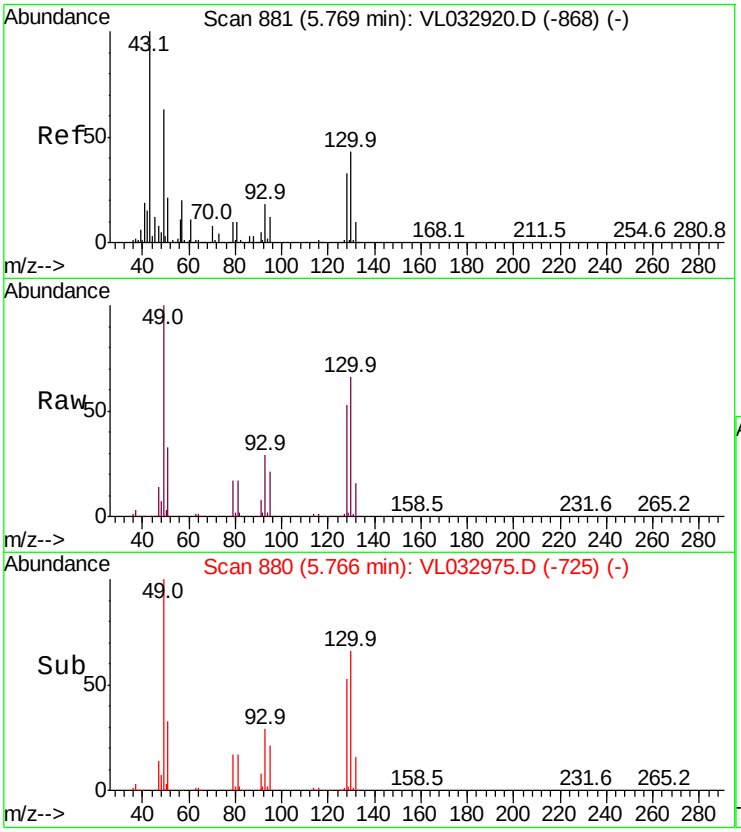
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Dec 12 06:25:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Dec 07 09:35:17 2018
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration



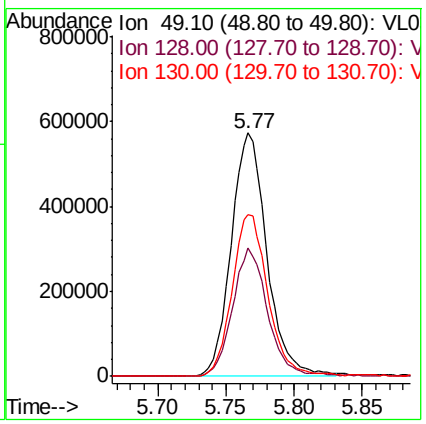


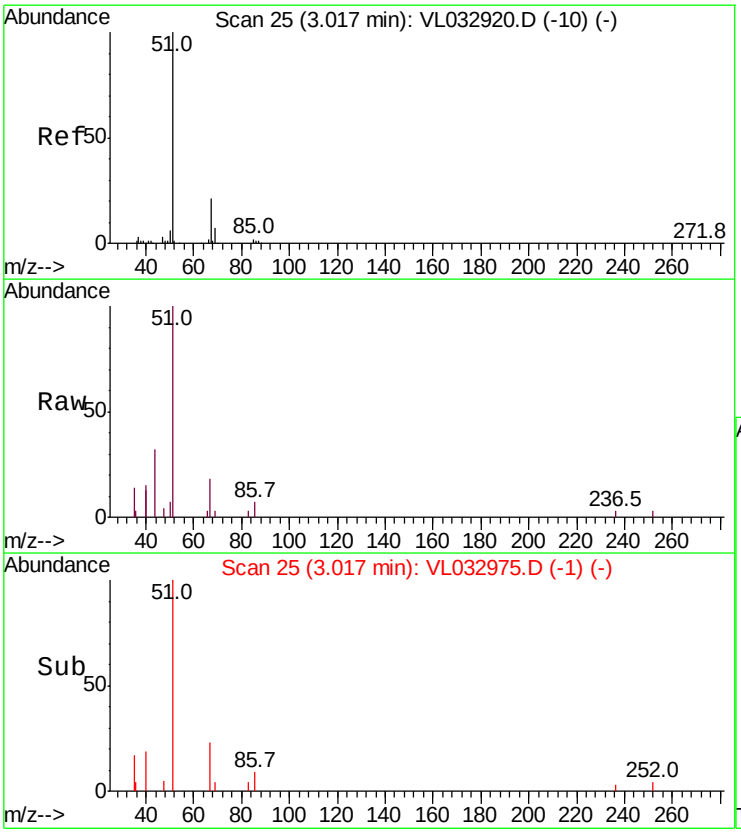
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 880
Delta R.T. -0.00 min
Lab File: VL032975.D
Acq: 12 Dec 2018 4:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1038424

Ion	Ratio	Lower	Upper
49	100		
128	52.5	26.3	78.8
130	67.7	33.9	101.7

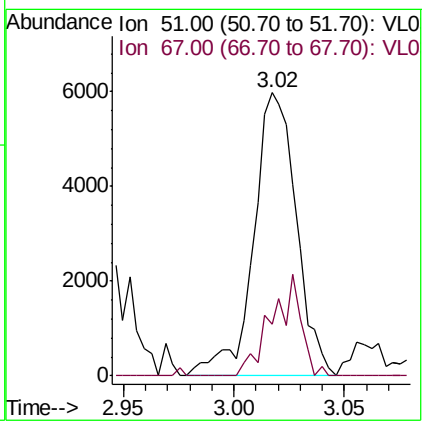


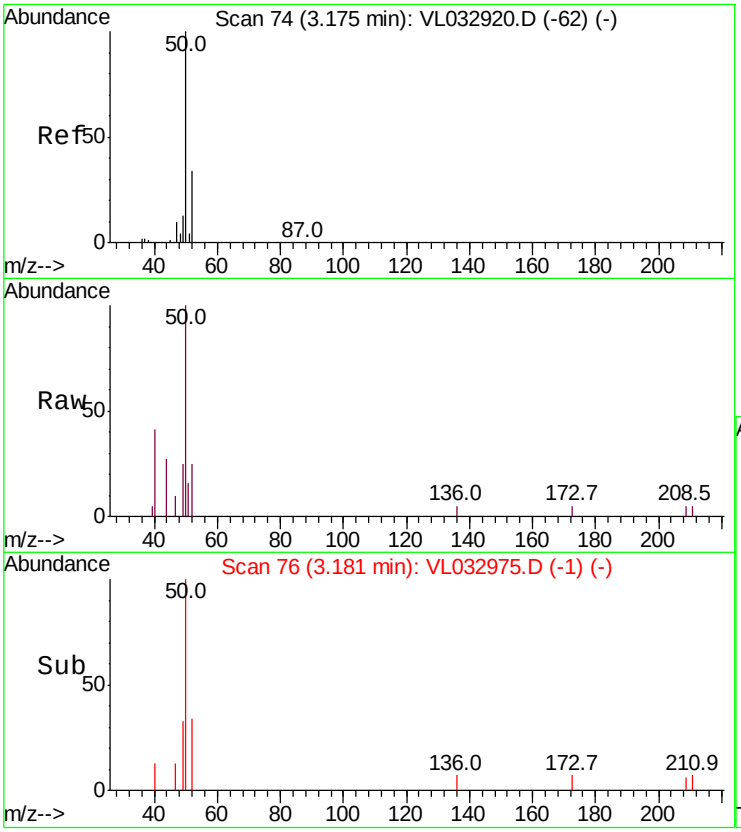


#3
Chlorodifluoromethane
Concen: 0.103 ppbv
RT: 3.02 min Scan# 25
Delta R.T. 0.00 min
Lab File: VL032975.D
Acq: 12 Dec 2018 4:25

Tgt Ion: 51 Resp: 8062

Ion	Ratio	Lower	Upper
51	100		
67	24.4	16.8	25.2



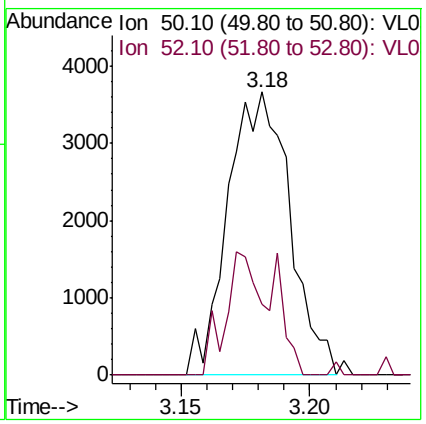


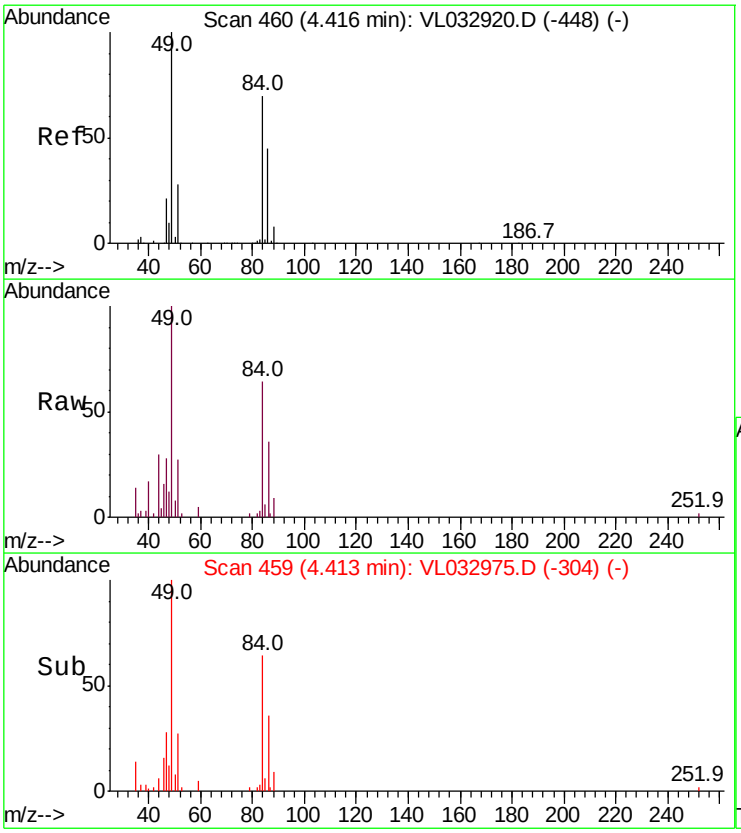
#4
Chloromethane
Concen: 0.134 ppbv
RT: 3.18 min Scan# 76
Delta R.T. 0.01 min
Lab File: VL032975.D
Acq: 12 Dec 2018 4:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 50 Resp: 6151

Ion	Ratio	Lower	Upper
50	100		
52	25.1	27.3	40.9#

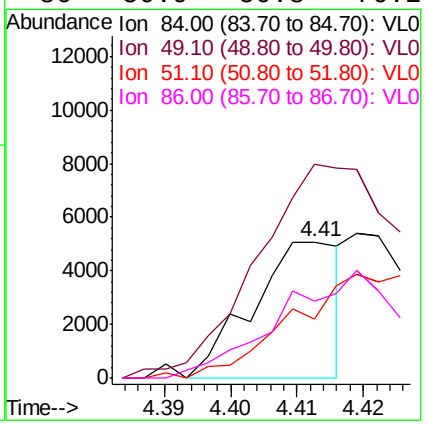


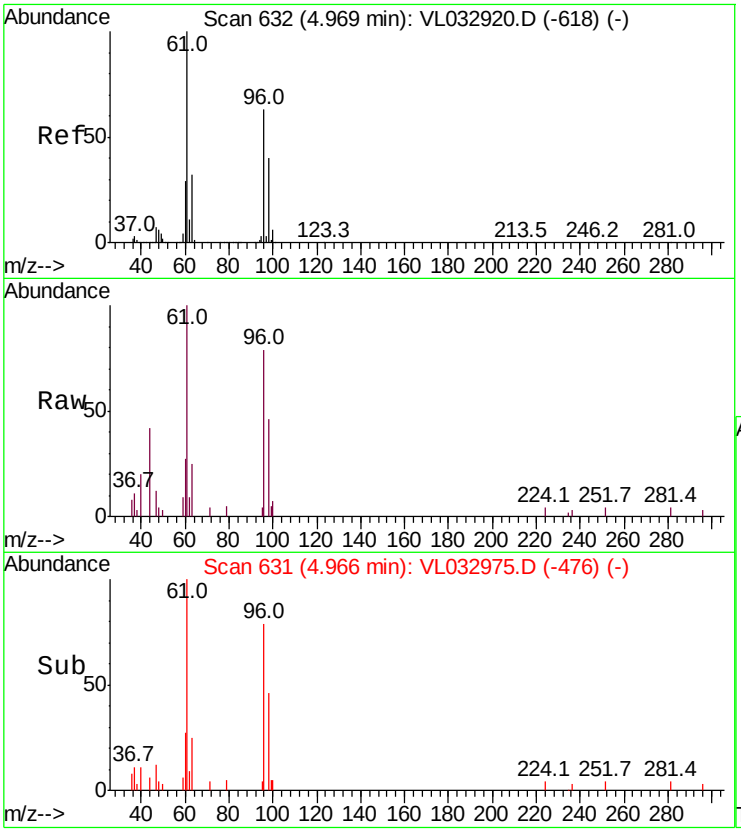


#20
Methylene Chloride
Concen: 0.107 ppbv
RT: 4.41 min Scan# 459
Delta R.T. -0.00 min
Lab File: VL032975.D
Acq: 12 Dec 2018 4:25

Tgt Ion: 84 Resp: 4663

Ion	Ratio	Lower	Upper
84	100		
49	145.7	113.8	170.8
51	43.0	31.8	47.8
86	50.9	50.8	76.2



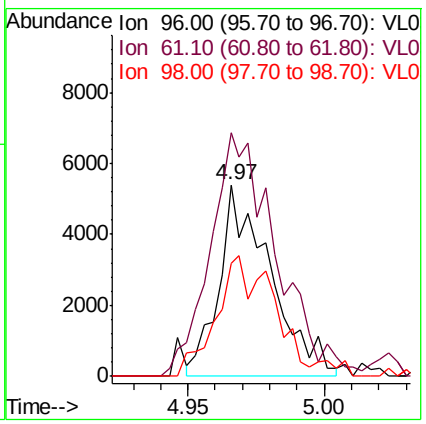


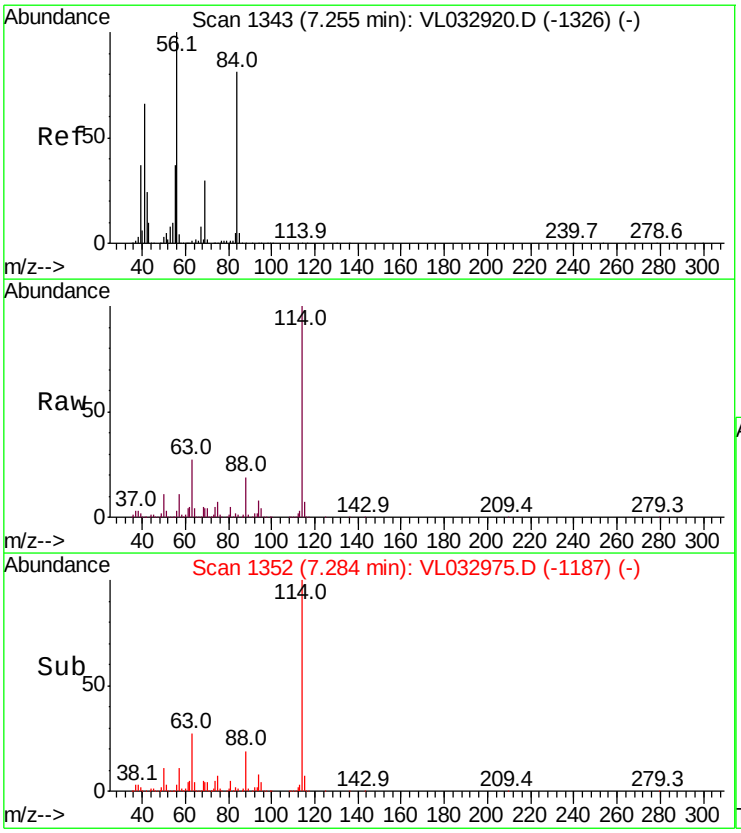
#22
trans-1,2-Dichloroethene
Concen: 0.130 ppbv
RT: 4.97 min Scan# 631
Delta R.T. -0.00 min
Lab File: VL032975.D
Acq: 12 Dec 2018 4:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 96 Resp: 7055

Ion	Ratio	Lower	Upper
96	100		
61	133.2	127.1	190.7
98	56.8	51.3	76.9

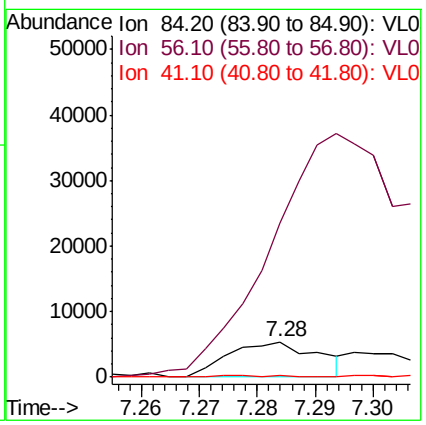


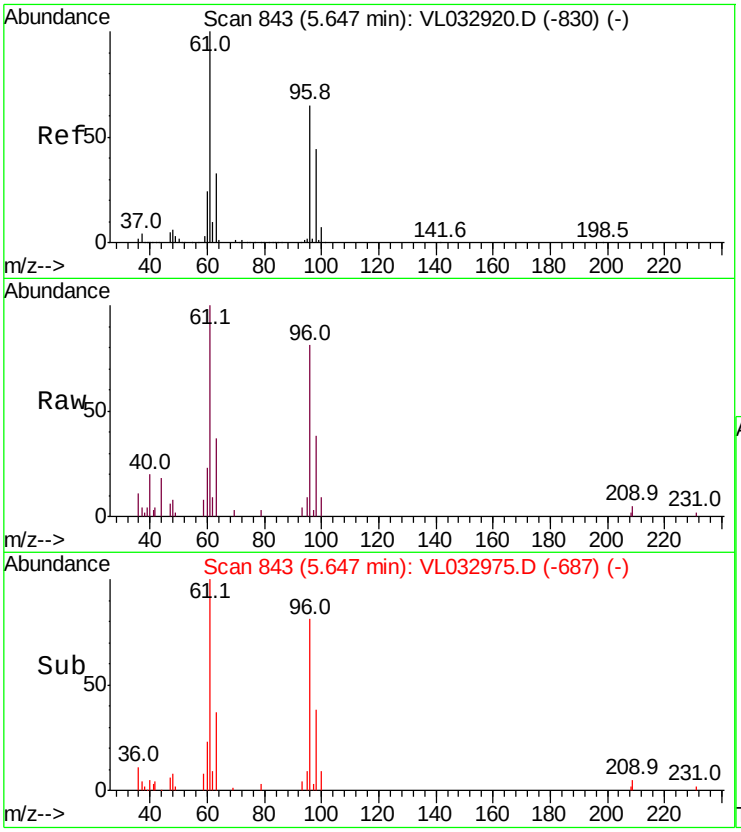


#30
Cyclohexane
Concen: 0.072 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. 0.03 min
Lab File: VL032975.D
Acq: 12 Dec 2018 4:25

Tgt Ion: 84 Resp: 5804

Ion	Ratio	Lower	Upper
84	100		
56	0.0	102.5	153.7#
41	0.0	64.1	96.1#



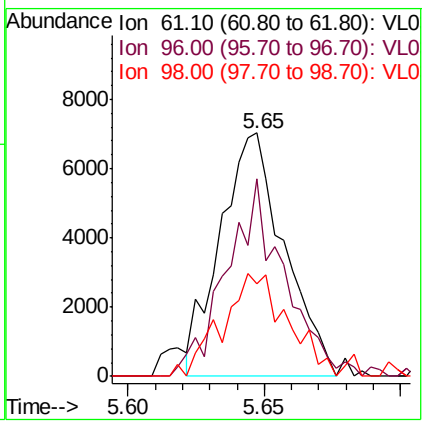


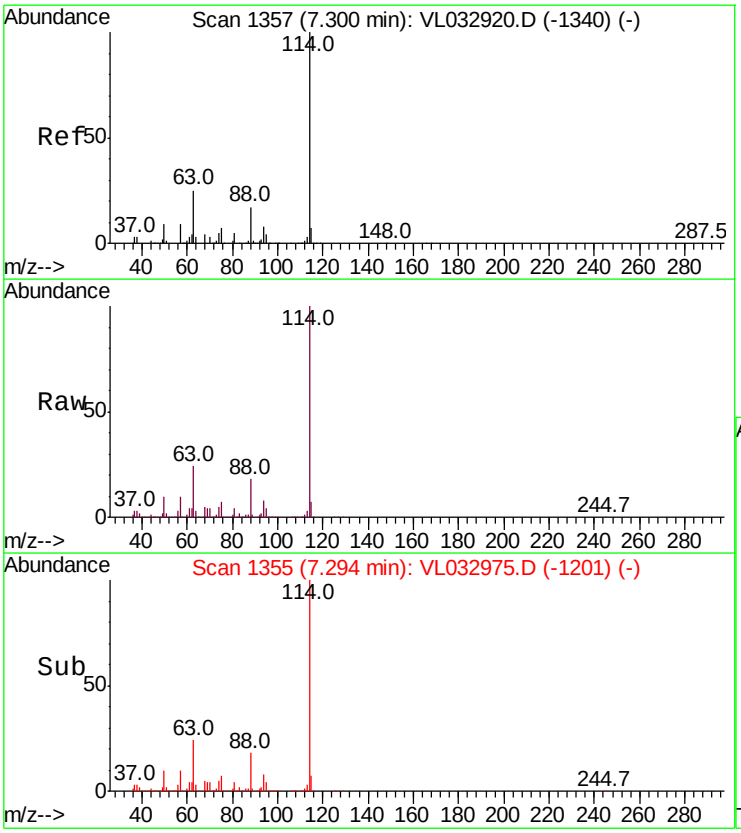
#31
cis-1,2-Dichloroethene
Concen: 0.129 ppbv
RT: 5.65 min Scan# 843
Delta R.T. 0.00 min
Lab File: VL032975.D
Acq: 12 Dec 2018 4:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 61 Resp: 11485

Ion	Ratio	Lower	Upper
61	100		
96	78.0	51.9	77.9#
98	38.3	35.0	52.4

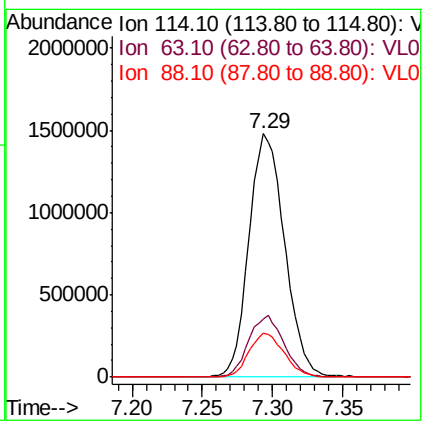


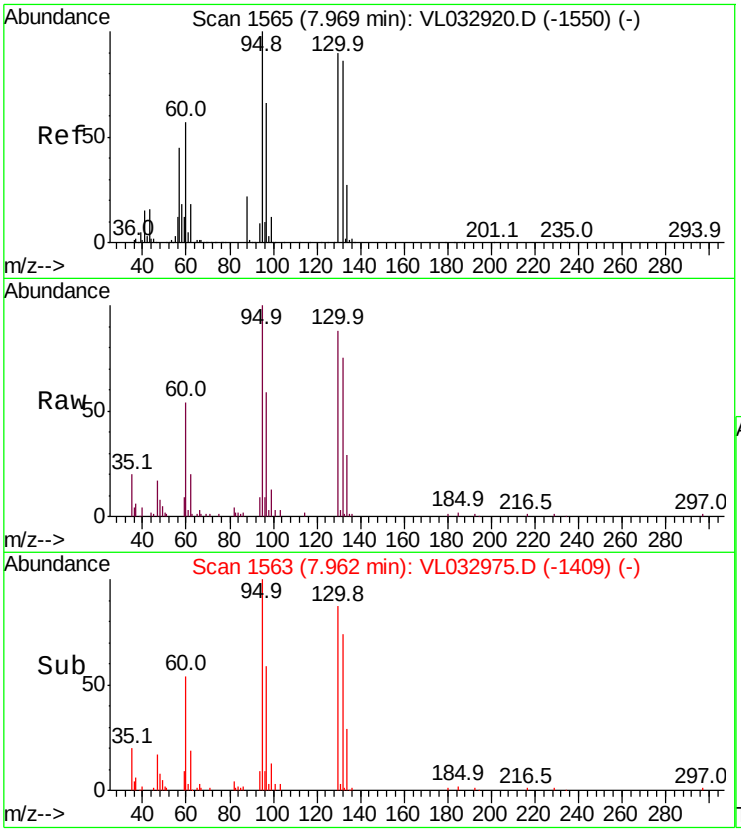


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.01 min
Lab File: VL032975.D
Acq: 12 Dec 2018 4:25

Tgt Ion:114 Resp: 2627133

Ion	Ratio	Lower	Upper
114	100		
63	25.0	20.1	30.1
88	17.8	14.2	21.4



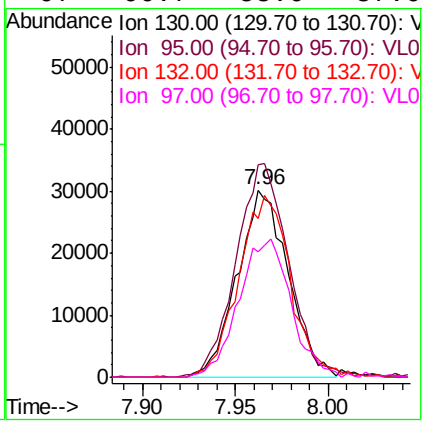


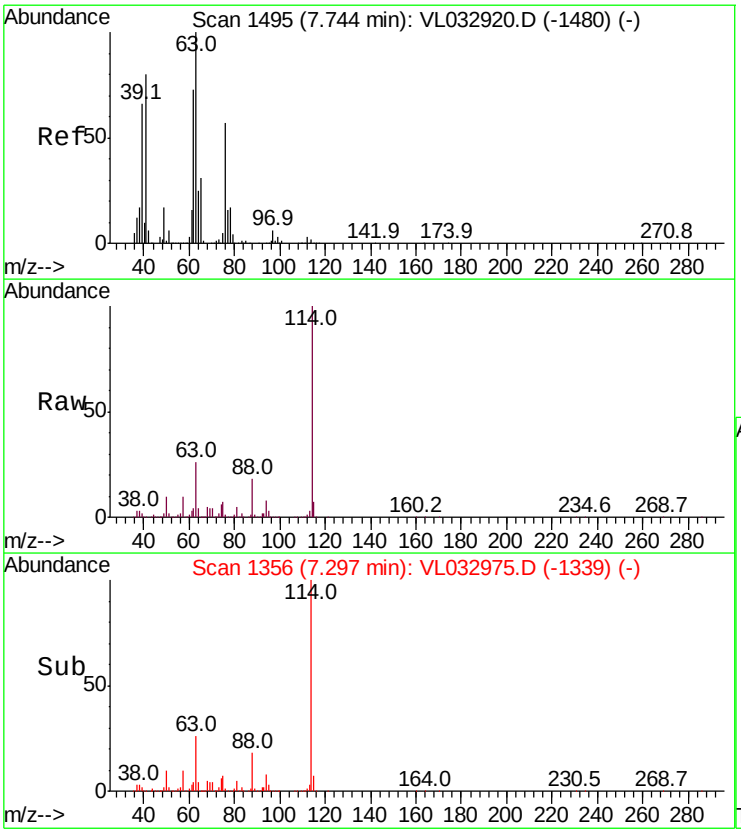
#38
Trichloroethene
Concen: 0.715 ppbv
RT: 7.96 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VL032975.D
Acq: 12 Dec 2018 4:25

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:130 Resp: 57460

Ion	Ratio	Lower	Upper
130	100		
95	112.0	88.6	132.8
132	84.9	76.1	114.1
97	66.7	58.0	87.0

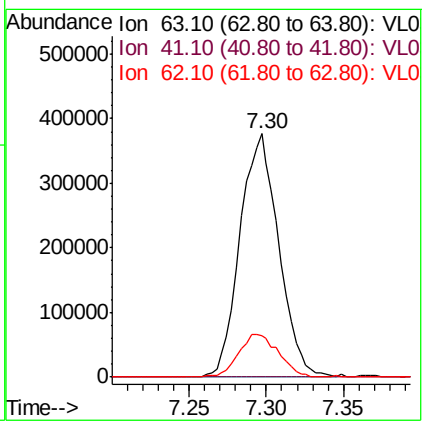


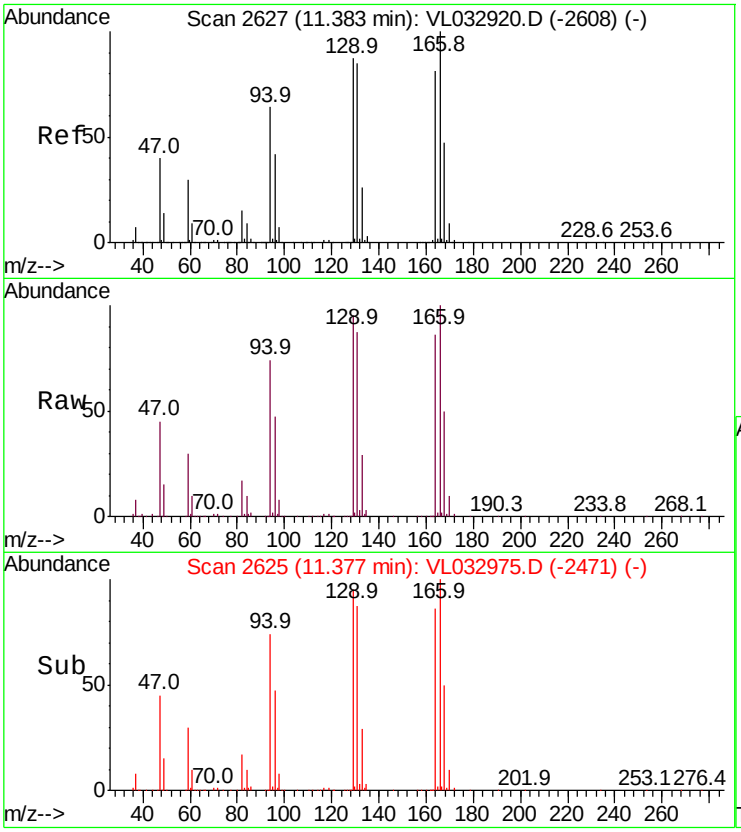


#39
1,2-Dichloropropane
Concen: 8.956 ppbv
RT: 7.30 min Scan# 1356
Delta R.T. -0.45 min
Lab File: VL032975.D
Acq: 12 Dec 2018 4:25

Tgt Ion: 63 Resp: 656289

Ion	Ratio	Lower	Upper
63	100		
41	0.1	63.9	95.9#
62	16.9	58.8	88.2#



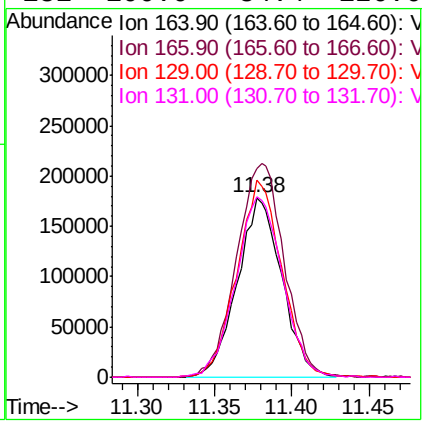


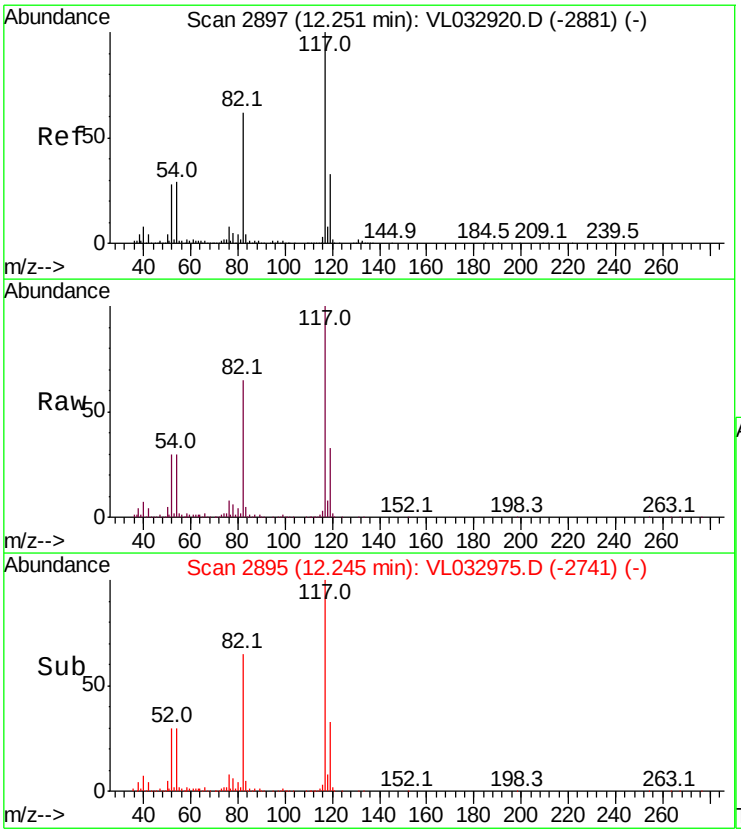
#52
Tetrachloroethene
Concen: 5.064 ppbv
RT: 11.38 min Scan# 2625
Delta R.T. -0.01 min
Lab File: VL032975.D
Acq: 12 Dec 2018 4:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:164 Resp: 355939

Ion	Ratio	Lower	Upper
164	100		
166	115.2	98.8	148.2
129	109.1	85.5	128.3
131	100.0	84.4	126.6

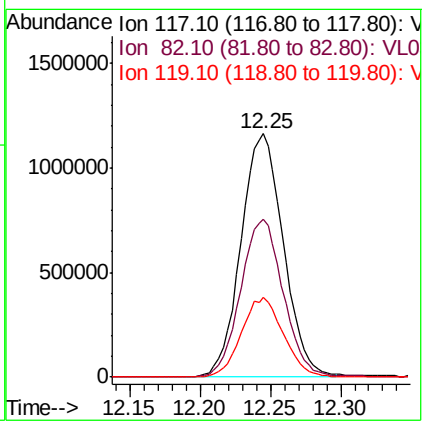


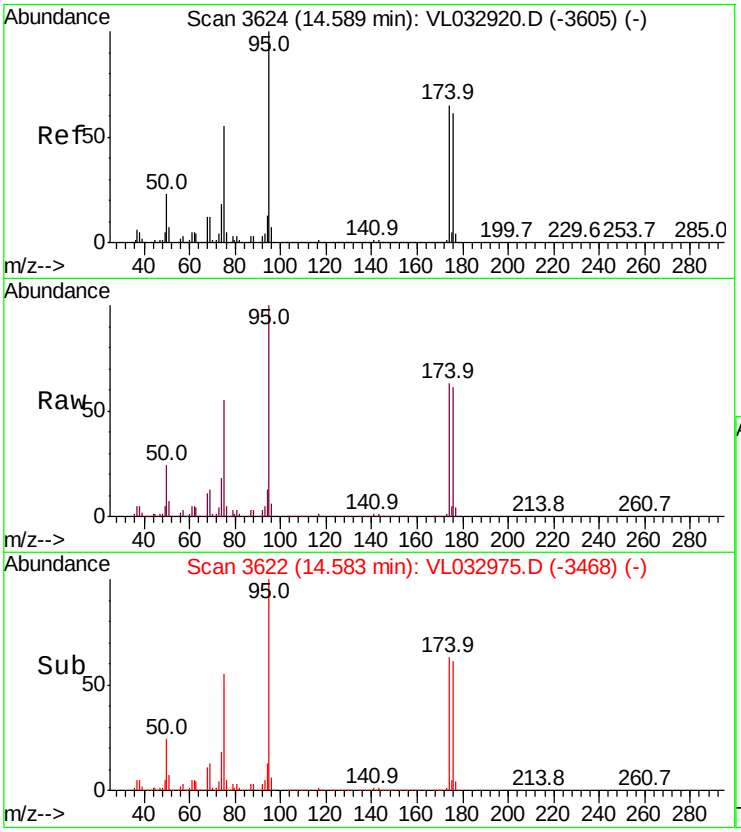


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2895
Delta R.T. -0.01 min
Lab File: VL032975.D
Acq: 12 Dec 2018 4:25

Tgt Ion:117 Resp: 2453391

Ion	Ratio	Lower	Upper
117	100		
82	65.9	47.8	71.8
119	32.8	43.1	64.7#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.972 ppbv
RT: 14.58 min Scan# 3622
Delta R.T. -0.01 min
Lab File: VL032975.D
Acq: 12 Dec 2018 4:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 1807468

Ion	Ratio	Lower	Upper
95	100		
174	65.1	51.4	77.0
175	4.7	3.8	5.6