Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052819\

Quantitation Report (Not Reviewed)

Data File : VL033812.D
Acq On : 28 May 2019 20:35
Operator : SY/AP
Sample : VL0528ABL02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0528ABL02

Quant Time: May 29 05:30:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri May 17 08:15:41 2019
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.75	49	825394	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.28	114	1931229	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.23	117	1888713	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.57	95	1533289	10.01	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.03	85	2313	0.013	ppbv		98
3) Chlorodifluoromethane	3.01	51	1730	0.018	ppbv		97
9) Propene	3.03	41	472	0.012	ppbv	#	15
11) Trichlorofluoromethane	3.88	101	4252	0.026	ppbv	#	74
13) Ethanol	3.66	45	335	0.026	ppbv	#	38
20) Methylene Chloride	4.40	84	1919	0.044	ppbv	#	71
30) Cyclohexane	7.26	84	2603	0.036	ppbv	#	1
39) 1,2-Dichloropropane	7.28	63	500680	7.644	ppbv	#	23

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

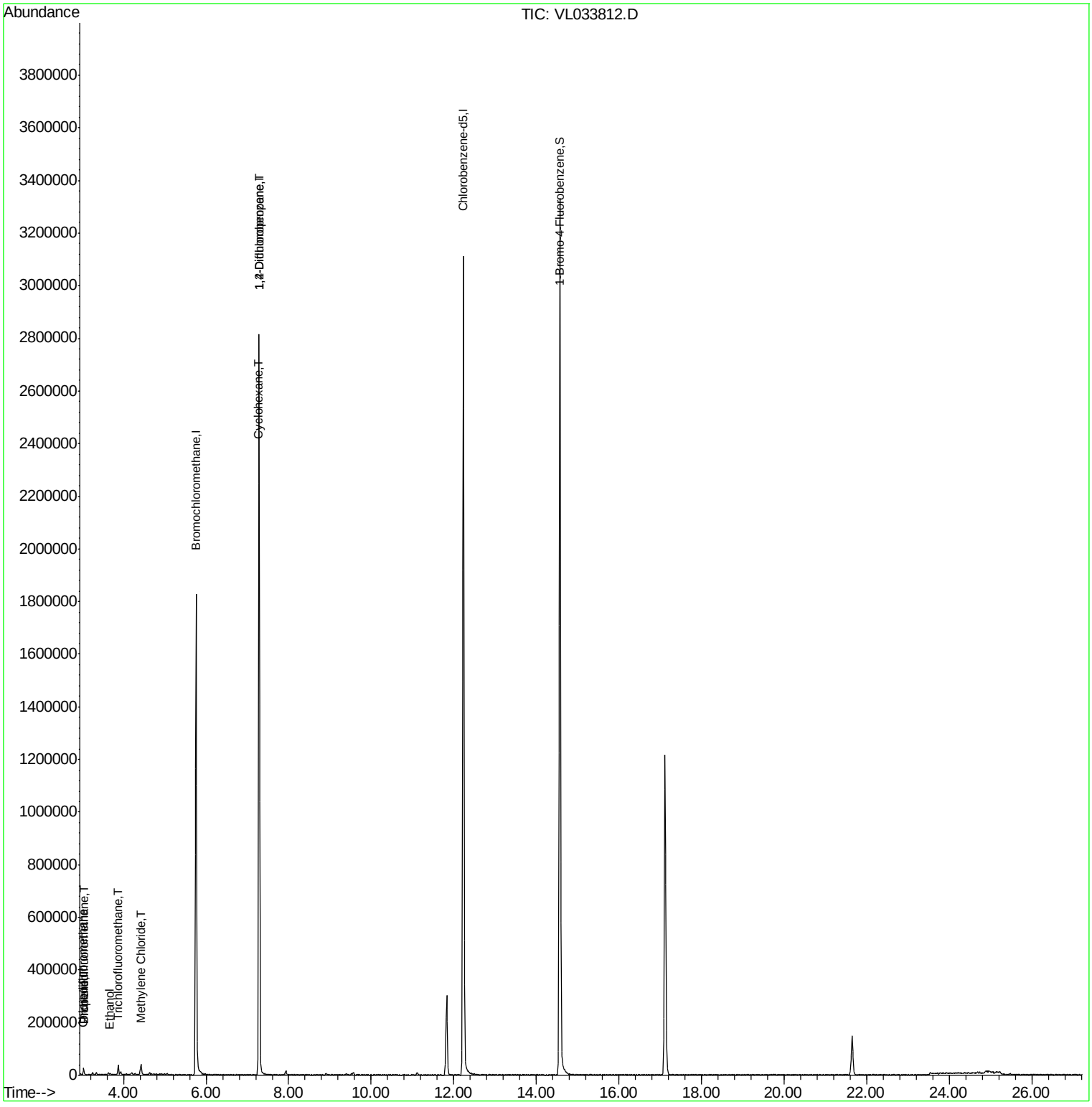
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052819\

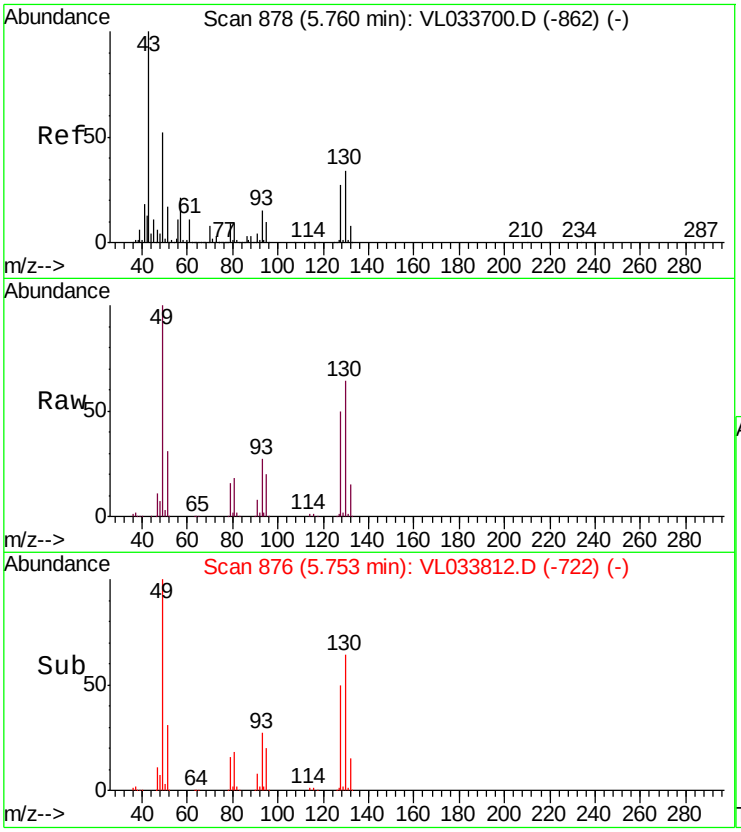
Quantitation Report (Not Reviewed)

Data File : VL033812.D
Acq On : 28 May 2019 20:35
Operator : SY/AP
Sample : VL0528ABL02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0528ABL02

Quant Time: May 29 05:30:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri May 17 08:15:41 2019
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration



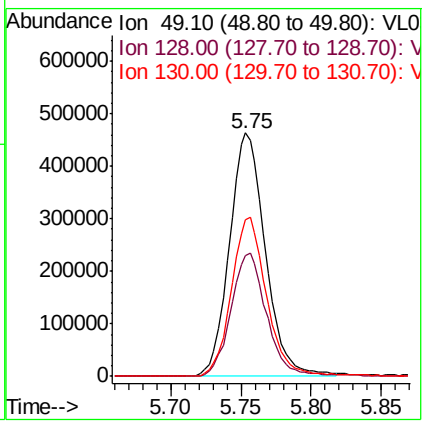


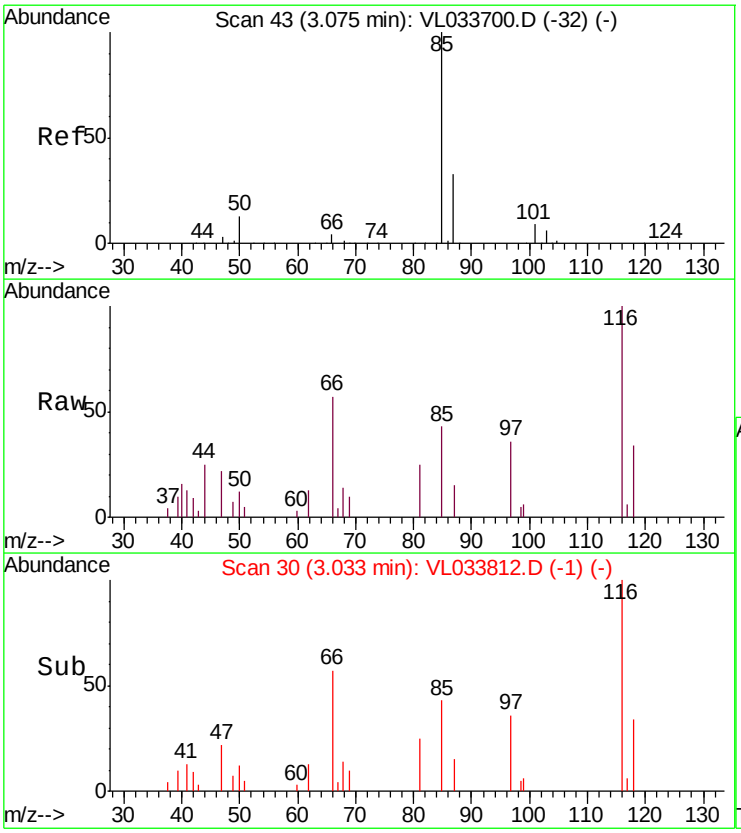
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.75 min Scan# 876
Delta R.T. -0.01 min
Lab File: VL033812.D
Acq: 28 May 2019 20:35

Instrument :
MSVOA_L
ClientSampleId :
VL0528ABL02

Tgt Ion: 49 Resp: 825394

Ion	Ratio	Lower	Upper
49	100		
128	50.6	25.2	75.6
130	65.2	32.5	97.5

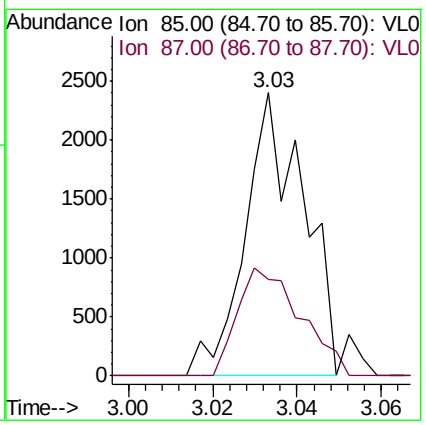


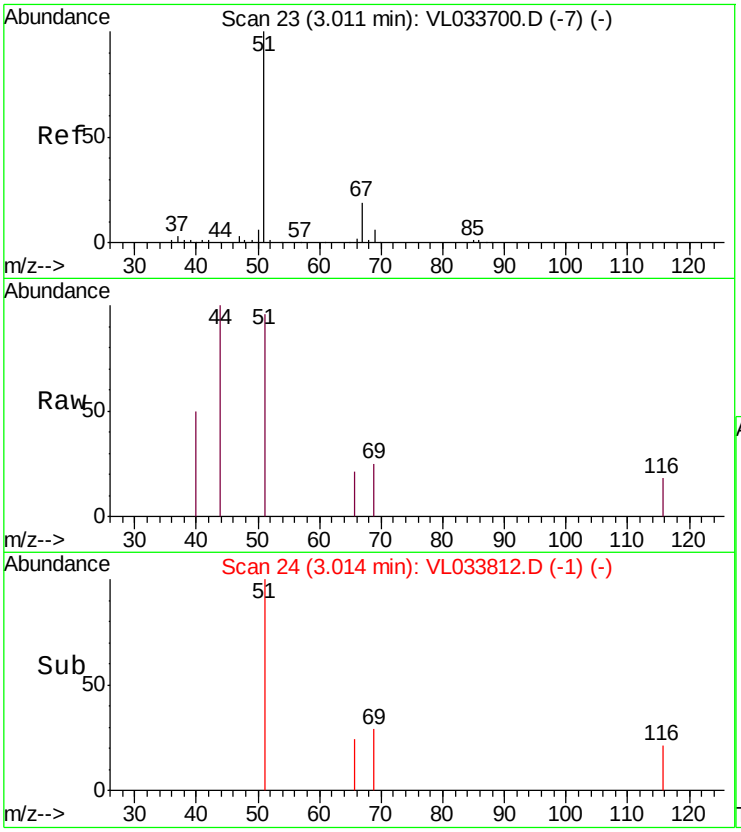


#2
Dichlorodifluoromethane
Concen: 0.013 ppbv
RT: 3.03 min Scan# 30
Delta R.T. -0.04 min
Lab File: VL033812.D
Acq: 28 May 2019 20:35

Tgt Ion: 85 Resp: 2313

Ion	Ratio	Lower	Upper
85	100		
87	34.0	26.3	39.5



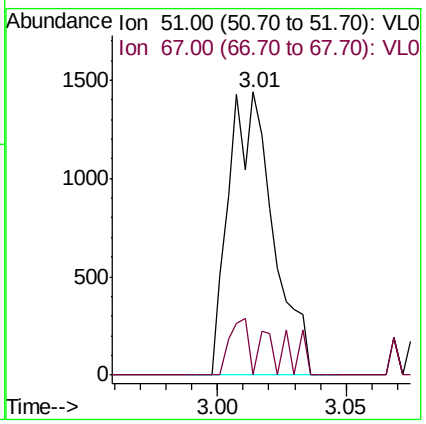


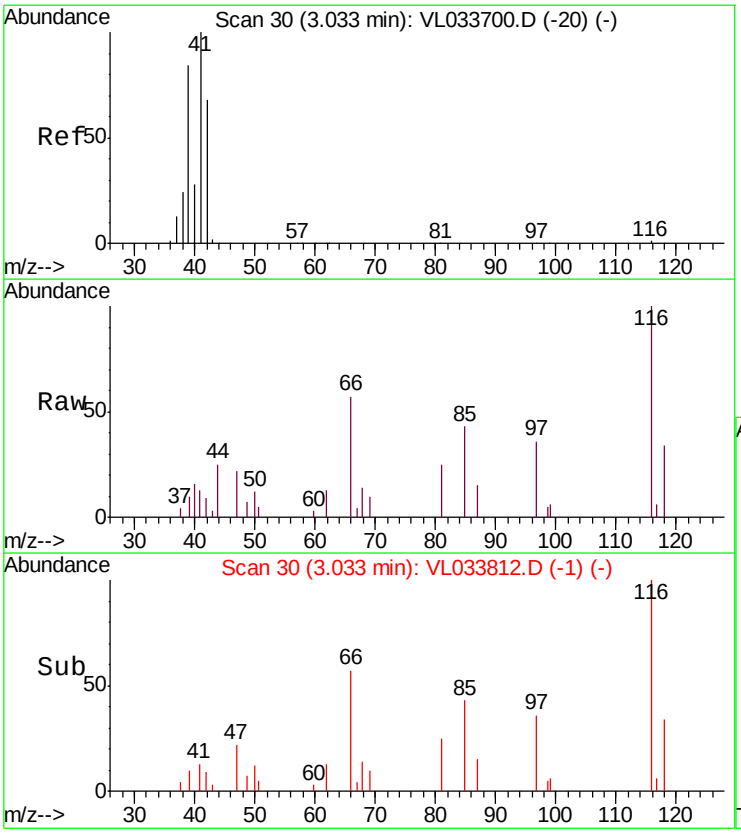
#3
Chlorodifluoromethane
Concen: 0.018 ppbv
RT: 3.01 min Scan# 24
Delta R.T. 0.00 min
Lab File: VL033812.D
Acq: 28 May 2019 20:35

Instrument : MSVOA_L
ClientSampleId : VL0528ABL02

Tgt Ion: 51 Resp: 1730

Ion	Ratio	Lower	Upper
51	100		
67	18.2	15.6	23.4

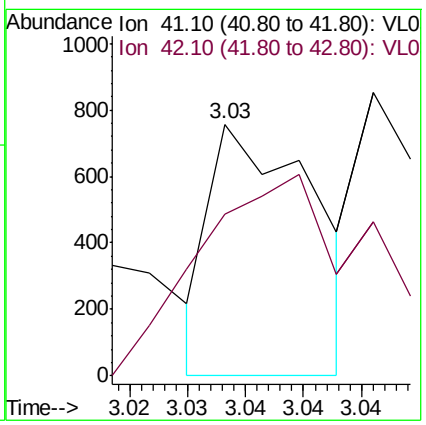


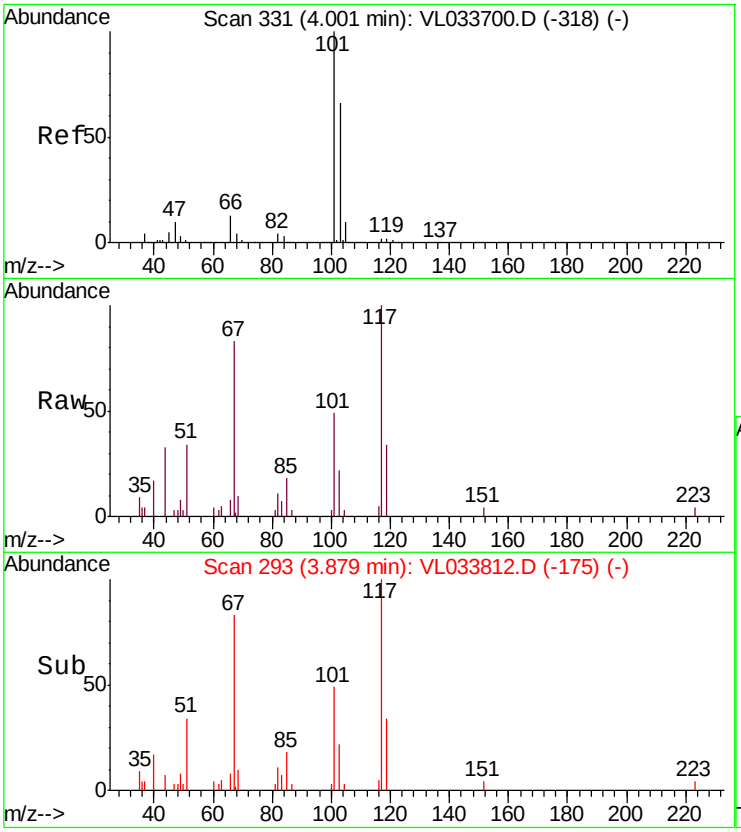


#9
Propene
Concen: 0.012 ppbv
RT: 3.03 min Scan# 30
Delta R.T. 0.00 min
Lab File: VL033812.D
Acq: 28 May 2019 20:35

Tgt Ion: 41 Resp: 472

Ion	Ratio	Lower	Upper
41	100		
42	0.0	56.1	84.1#



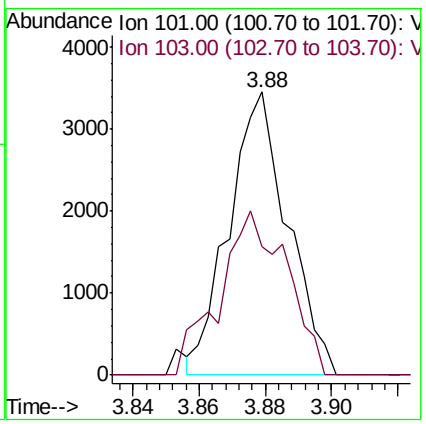


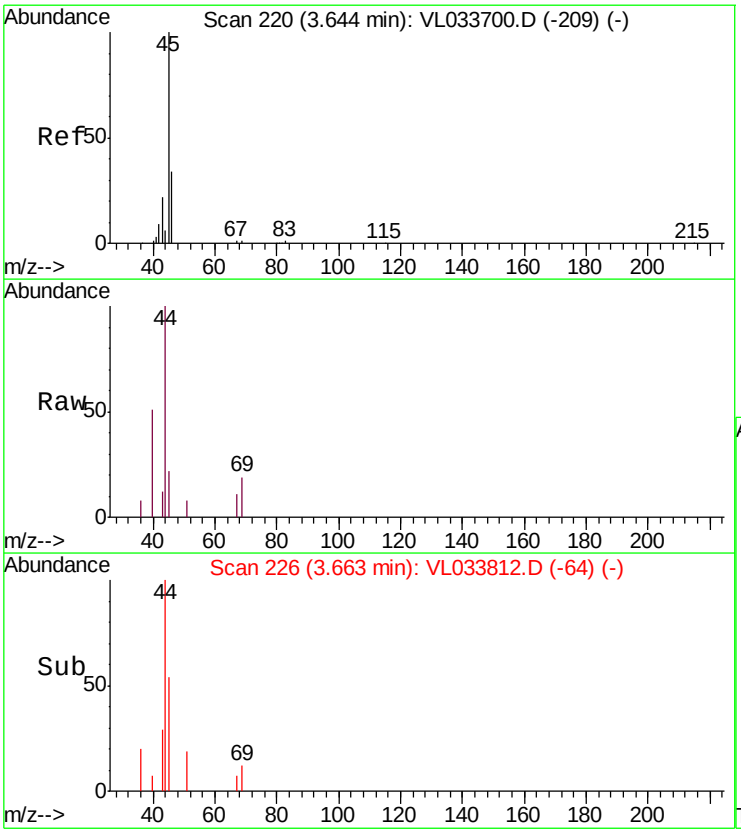
#11
Trichlorofluoromethane
Concen: 0.026 ppbv
RT: 3.88 min Scan# 293
Delta R.T. -0.12 min
Lab File: VL033812.D
Acq: 28 May 2019 20:35

Instrument :
MSVOA_L
ClientSampleId :
VL0528ABL02

Tgt Ion:101 Resp: 4252

Ion	Ratio	Lower	Upper
101	100		
103	45.5	52.6	78.8#

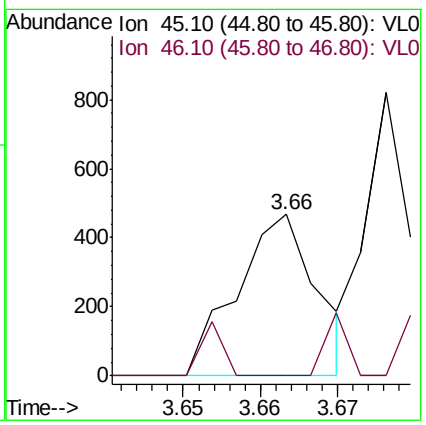


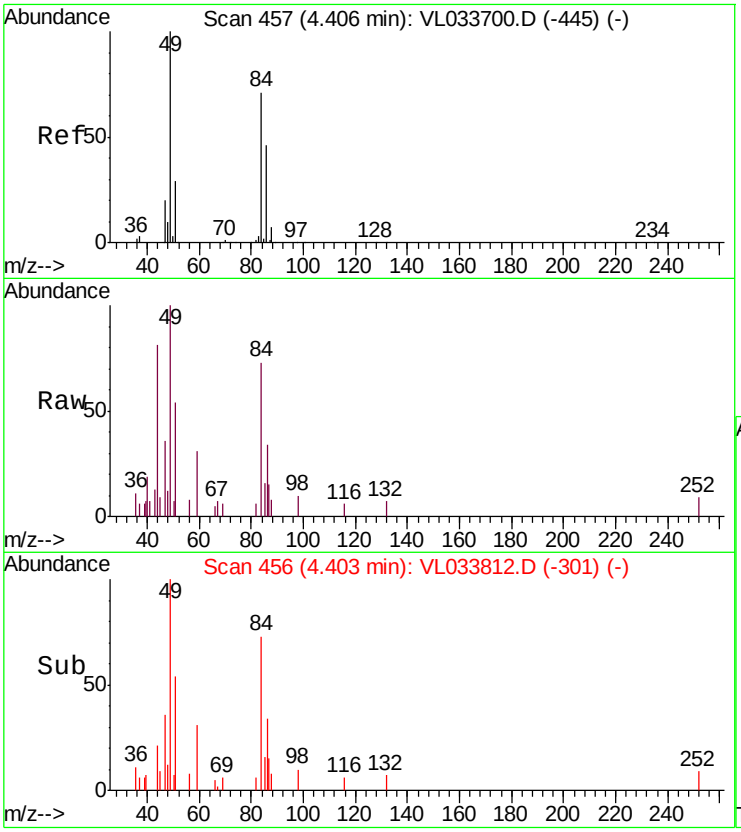


#13
Ethanol
Concen: 0.026 ppbv
RT: 3.66 min Scan# 226
Delta R.T. 0.02 min
Lab File: VL033812.D
Acq: 28 May 2019 20:35

Tgt Ion: 45 Resp: 335

Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.8	59.0#



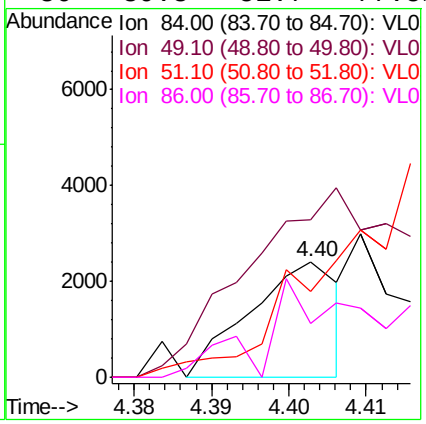


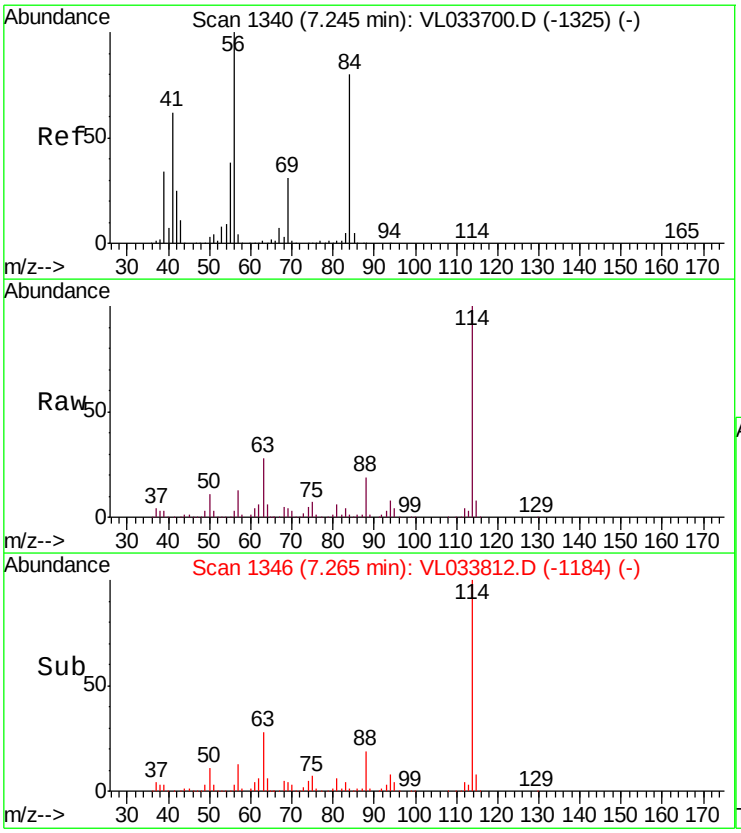
#20
Methylene Chloride
Concen: 0.044 ppbv
RT: 4.40 min Scan# 456
Delta R.T. -0.00 min
Lab File: VL033812.D
Acq: 28 May 2019 20:35

Instrument : MSVOA_L
ClientSampleId : VL0528ABL02

Tgt Ion: 84 Resp: 1919

Ion	Ratio	Lower	Upper
84	100		
49	107.8	112.8	169.2#
51	61.0	33.4	50.0#
86	39.3	51.7	77.5#

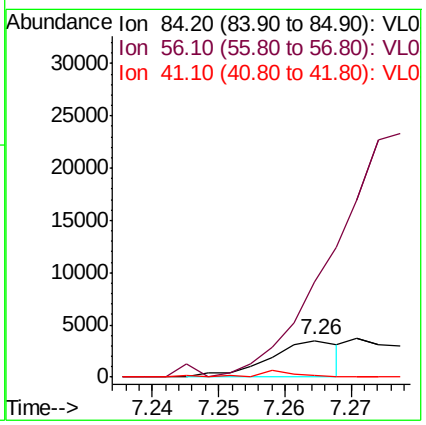


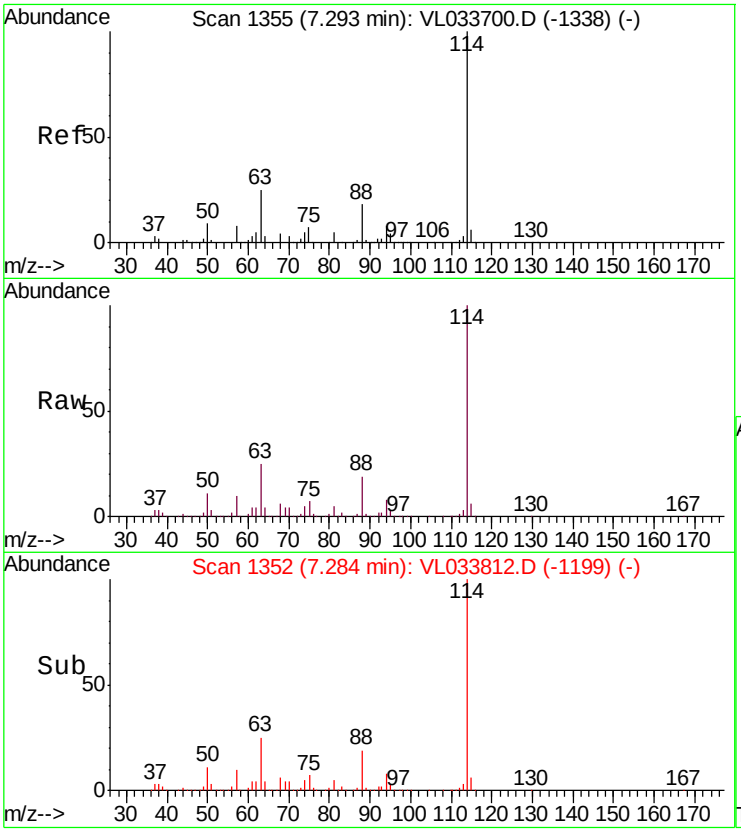


#30
Cyclohexane
Concen: 0.036 ppbv
RT: 7.26 min Scan# 1346
Delta R.T. 0.02 min
Lab File: VL033812.D
Acq: 28 May 2019 20:35

Tgt Ion: 84 Resp: 2603

Ion	Ratio	Lower	Upper
84	100		
56	0.0	107.7	161.5#
41	11.5	66.0	99.0#



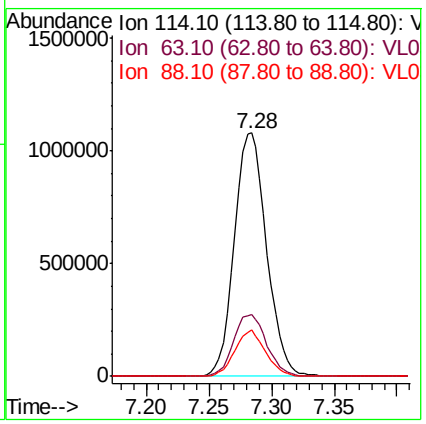


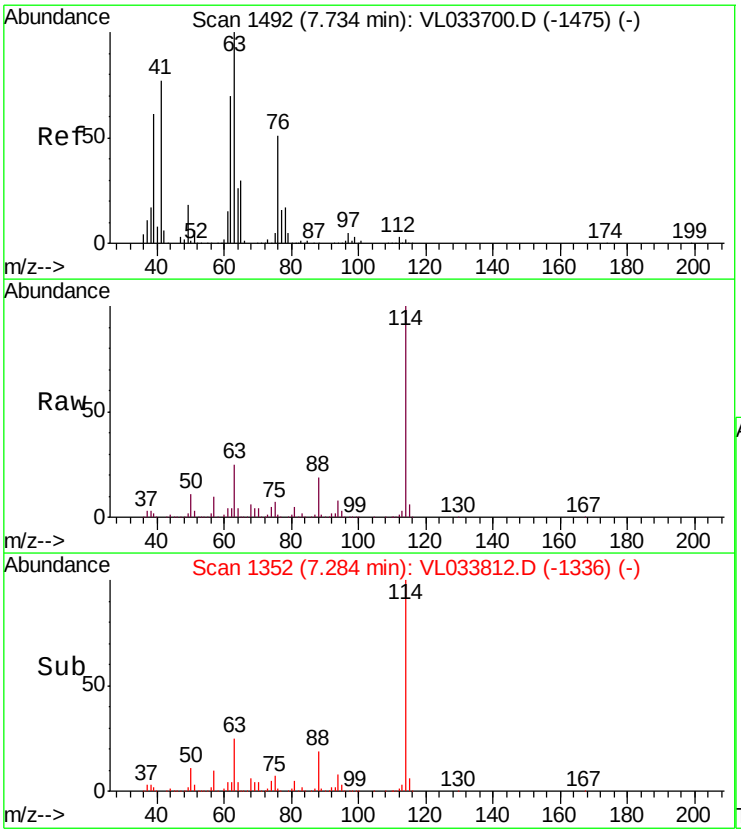
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.01 min
Lab File: VL033812.D
Acq: 28 May 2019 20:35

Instrument :
MSVOA_L
ClientSampleId :
VL0528ABL02

Tgt Ion:114 Resp: 1931229

Ion	Ratio	Lower	Upper
114	100		
63	26.0	20.9	31.3
88	18.0	14.3	21.5

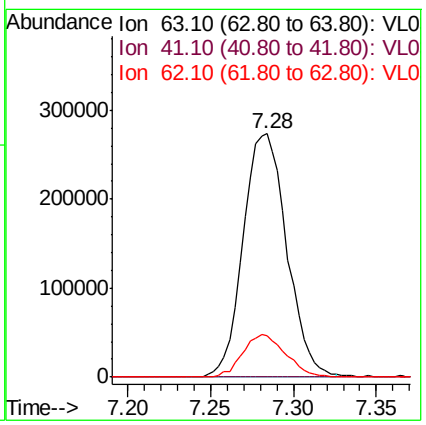


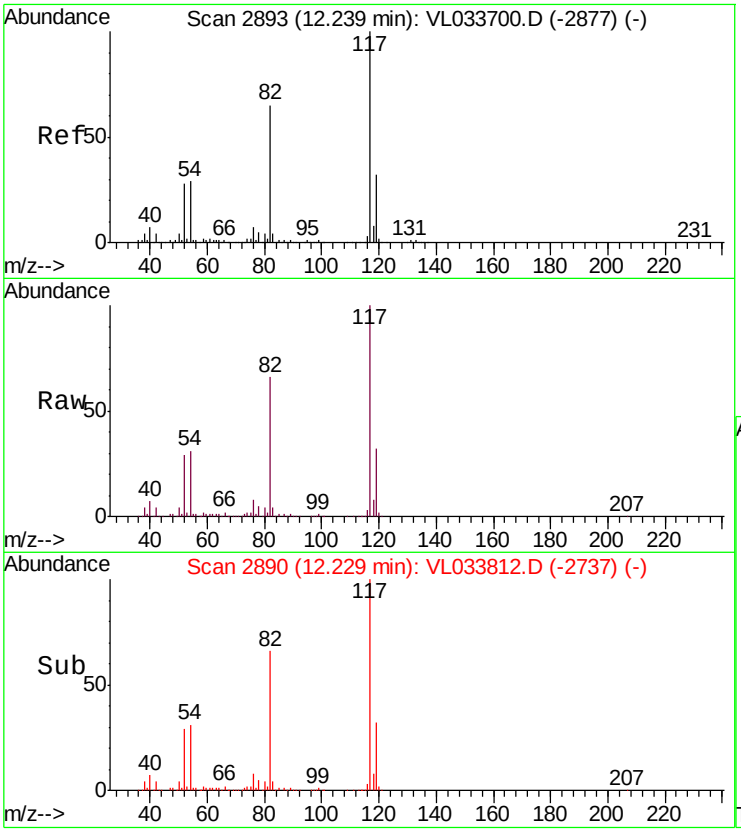


#39
1,2-Dichloropropane
Concen: 7.644 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.45 min
Lab File: VL033812.D
Acq: 28 May 2019 20:35

Tgt Ion: 63 Resp: 500680

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.5	92.3#
62	17.2	56.2	84.4#



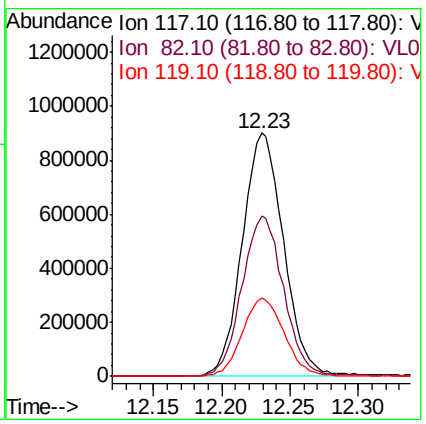


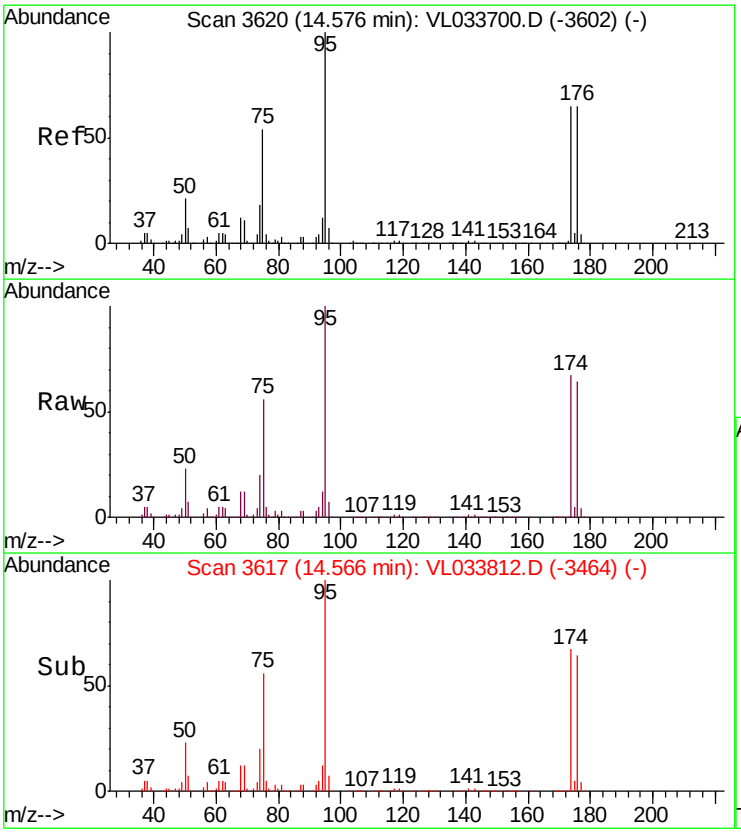
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2890
Delta R.T. -0.01 min
Lab File: VL033812.D
Acq: 28 May 2019 20:35

Instrument : MSVOA_L
ClientSampleId : VL0528ABL02

Tgt Ion:117 Resp: 1888713

Ion	Ratio	Lower	Upper
117	100		
82	67.4	49.4	74.0
119	32.8	24.9	37.3





#68
1-Bromo-4-Fluorobenzene
Concen: 10.014 ppbv
RT: 14.57 min Scan# 3617
Delta R.T. -0.01 min
Lab File: VL033812.D
Acq: 28 May 2019 20:35

Tgt Ion: 95 Resp: 1533289

Ion	Ratio	Lower	Upper
95	100		
174	67.4	53.9	80.9
175	4.9	3.8	5.8