Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL112018\
Data File : VL032785.D
Acq On : 20 Nov 2018 19:26
Operator : SY/AP
Sample : J5961-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Nov 21 04:07:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 07:00:23 2018
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.77	49	1356063	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.30	114	3488110	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.25	117	3057437	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.59	95	2184978	9.55	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	38561	0.198	ppbv		98
3) Chlorodifluoromethane	3.00	51	113000	1.051	ppbv	#	76
4) Chloromethane	3.18	50	75404	1.265	ppbv		99
7) Chloroethane	3.61	64	742	0.033	ppbv		95
9) Propene	3.05	41	75693	1.759	ppbv		86
11) Trichlorofluoromethane	4.01	101	20719	0.113	ppbv		92
13) Ethanol	3.66	45	2680556	190.219	ppbv		98
15) Acetone	3.91	43	1334476	10.776	ppbv		95
16) 1,3-Butadiene	3.35	39	32935	0.687	ppbv	#	34
19) Isopropyl Alcohol	4.04	45	338062	4.098	ppbv	#	1
20) Methylene Chloride	4.42	84	52465	0.818	ppbv		92
25) Ethyl Acetate	5.78	43	17660	0.061	ppbv	#	88
26) Hexane	5.79	57	6088	0.047	ppbv	#	45
29) Chloroform	5.86	83	61304	0.268	ppbv		90
34) 2-Butanone	5.35	43	25337	0.140	ppbv		98
39) 1,2-Dichloropropane	7.30	63	837242	7.911	ppbv	#	23
52) Tetrachloroethene	11.38	164	9970	0.103	ppbv	#	86

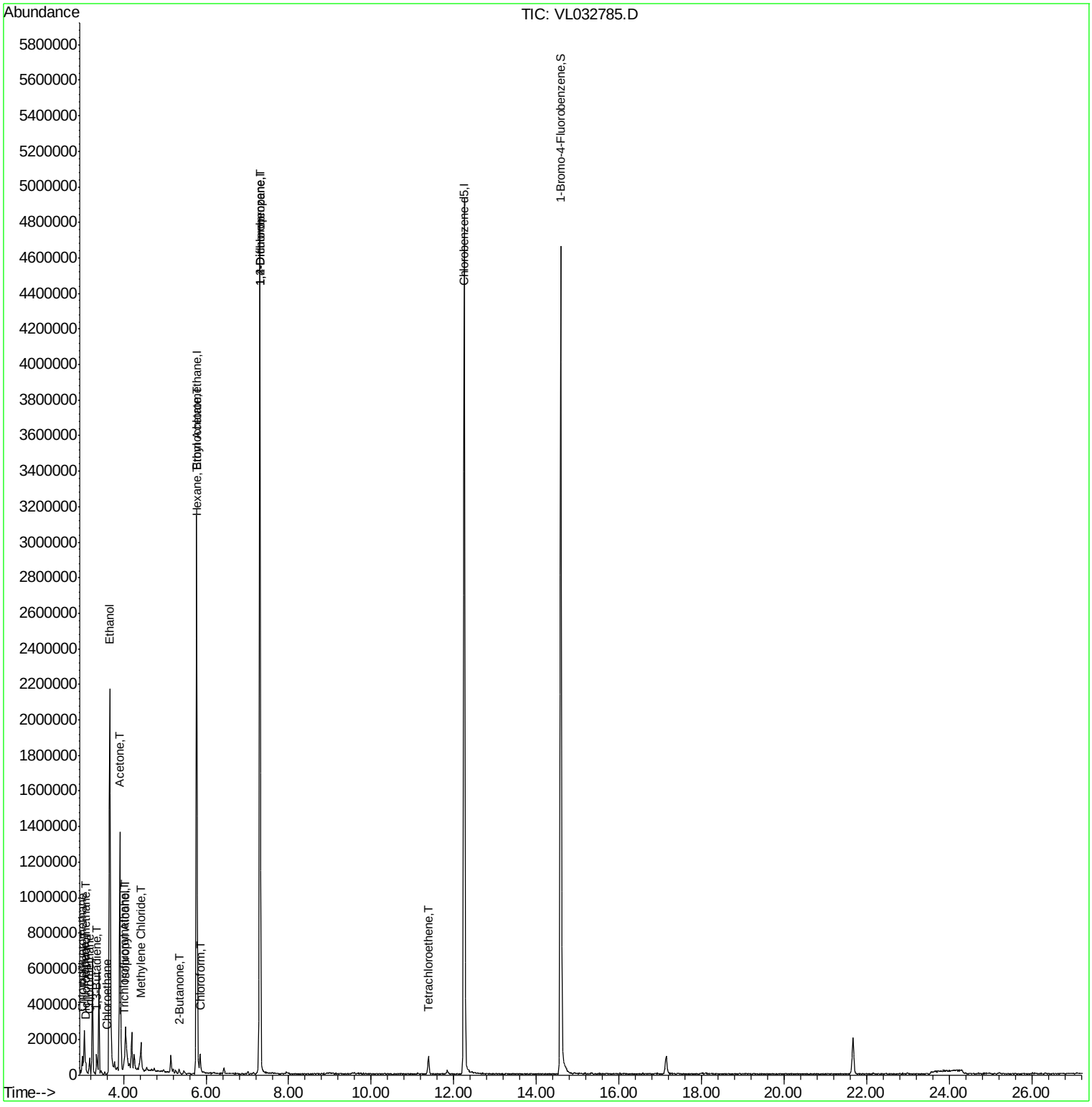
(#) = qualifier out of range (m) = manual integration (+) = signals summed

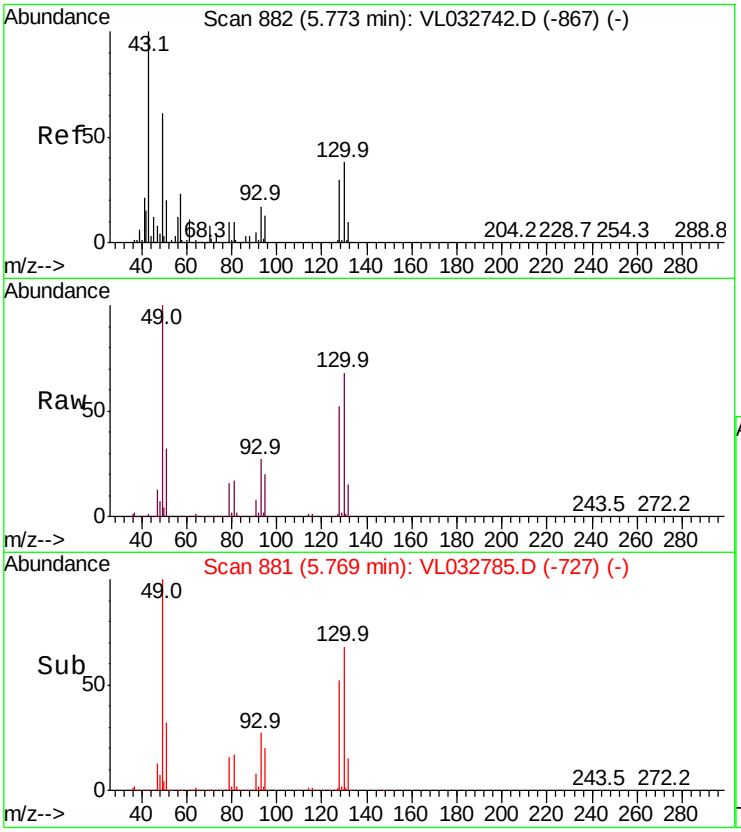
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL112018\
Data File : VL032785.D
Acq On : 20 Nov 2018 19:26
Operator : SY/AP
Sample : J5961-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Nov 21 04:07:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 07:00:23 2018
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration



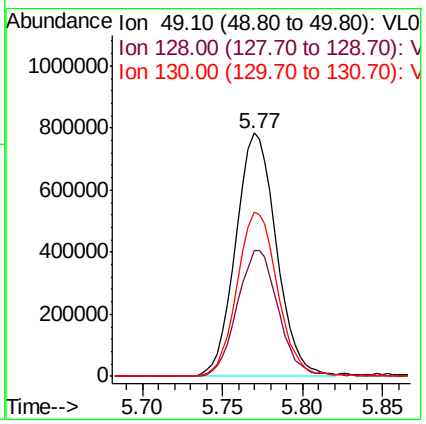


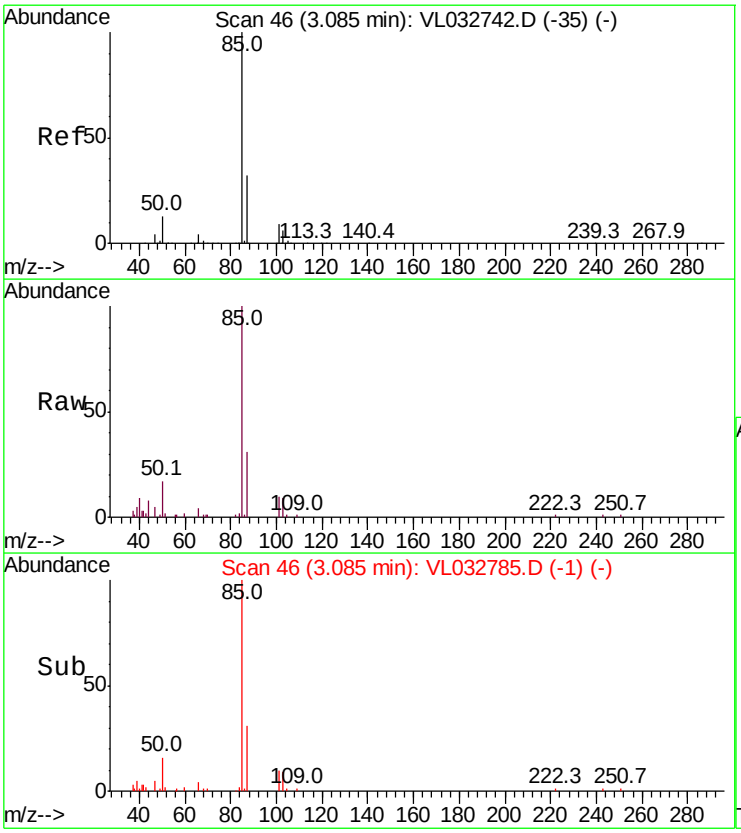
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 881
Delta R.T. -0.00 min
Lab File: VL032785.D
Acq: 20 Nov 2018 19:26

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1356063

Ion	Ratio	Lower	Upper
49	100		
128	52.6	24.9	74.6
130	67.7	31.4	94.2

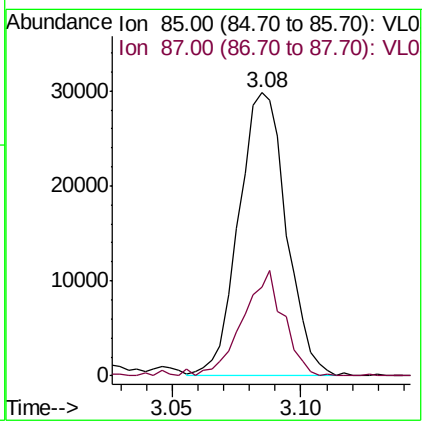


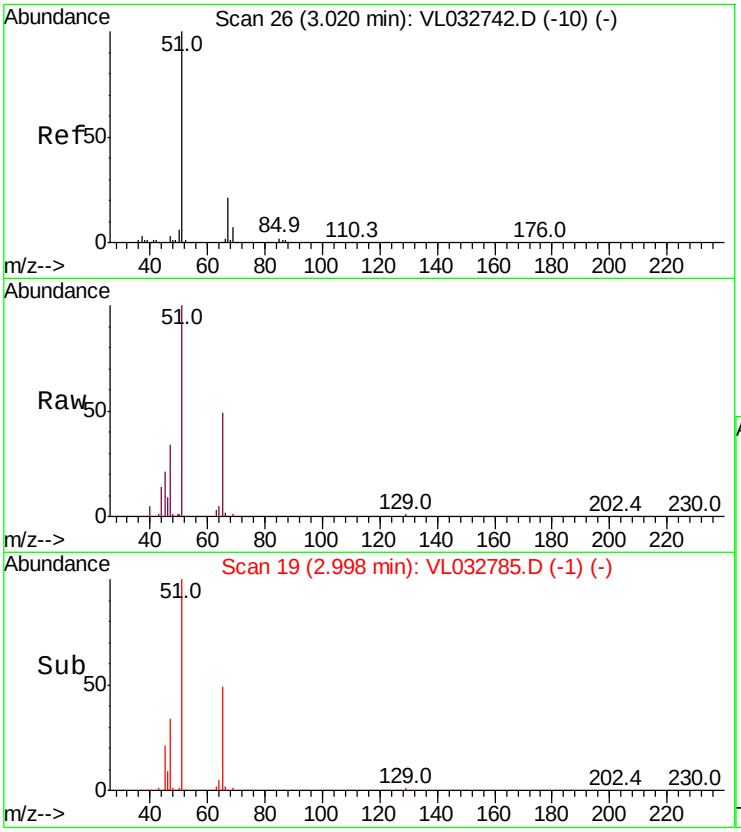


#2
Dichlorodifluoromethane
Concen: 0.198 ppbv
RT: 3.08 min Scan# 46
Delta R.T. -0.00 min
Lab File: VL032785.D
Acq: 20 Nov 2018 19:26

Tgt Ion: 85 Resp: 38561

Ion	Ratio	Lower	Upper
85	100		
87	31.4	26.0	39.0



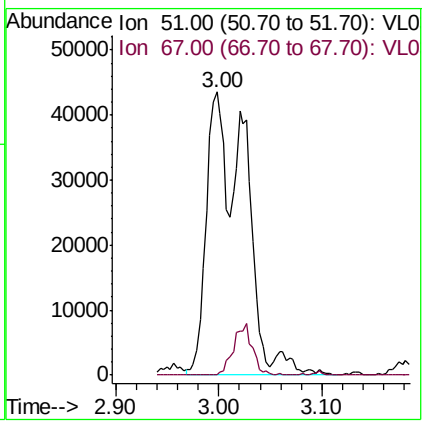


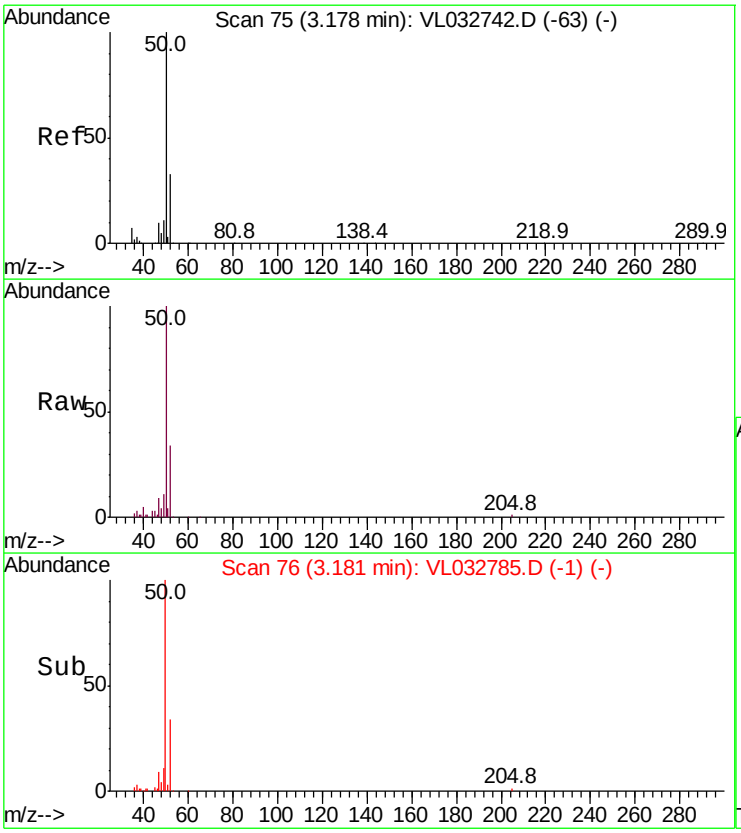
#3
Chlorodifluoromethane
Concen: 1.051 ppbv
RT: 3.00 min Scan# 19
Delta R.T. -0.02 min
Lab File: VL032785.D
Acq: 20 Nov 2018 19:26

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 113000

Ion	Ratio	Lower	Upper
51	100		
67	8.9	16.1	24.1#

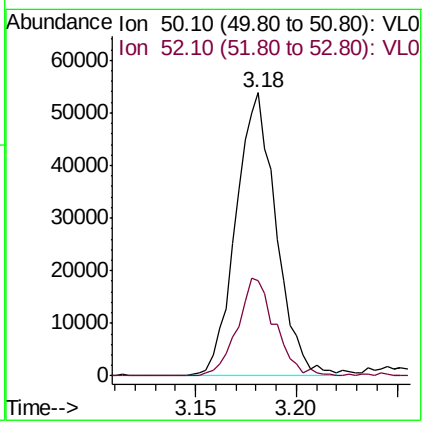


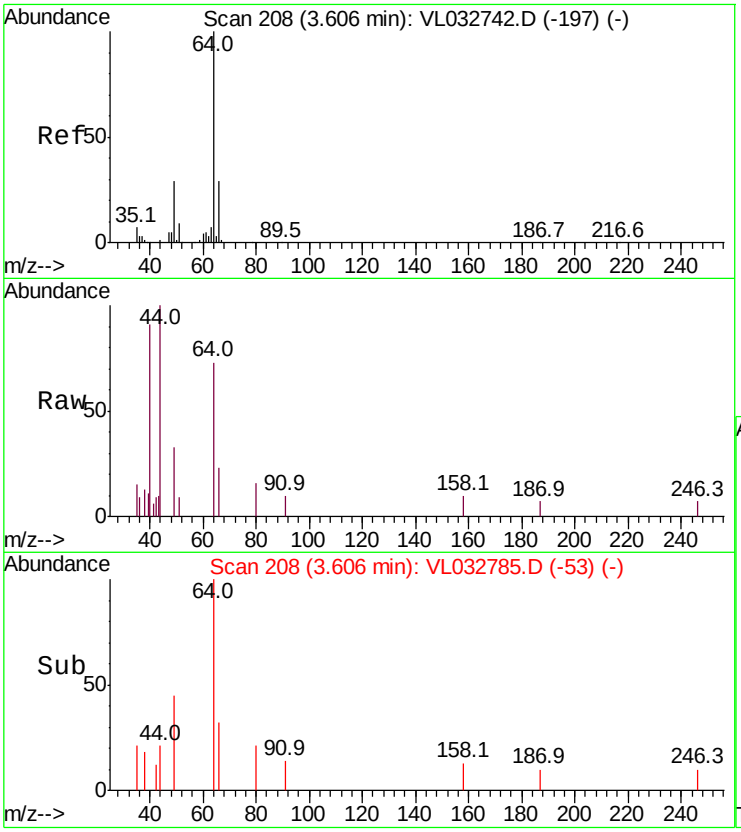


#4
Chloromethane
Concen: 1.265 ppbv
RT: 3.18 min Scan# 76
Delta R.T. 0.00 min
Lab File: VL032785.D
Acq: 20 Nov 2018 19:26

Tgt Ion: 50 Resp: 75404

Ion	Ratio	Lower	Upper
50	100		
52	33.8	26.6	40.0



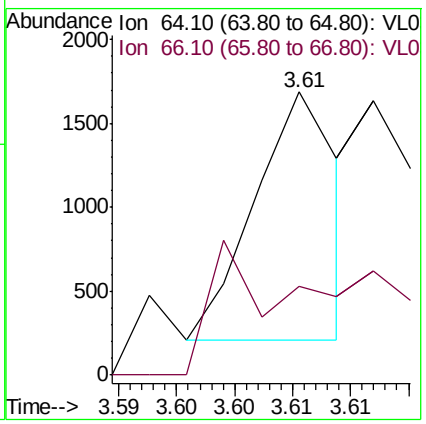


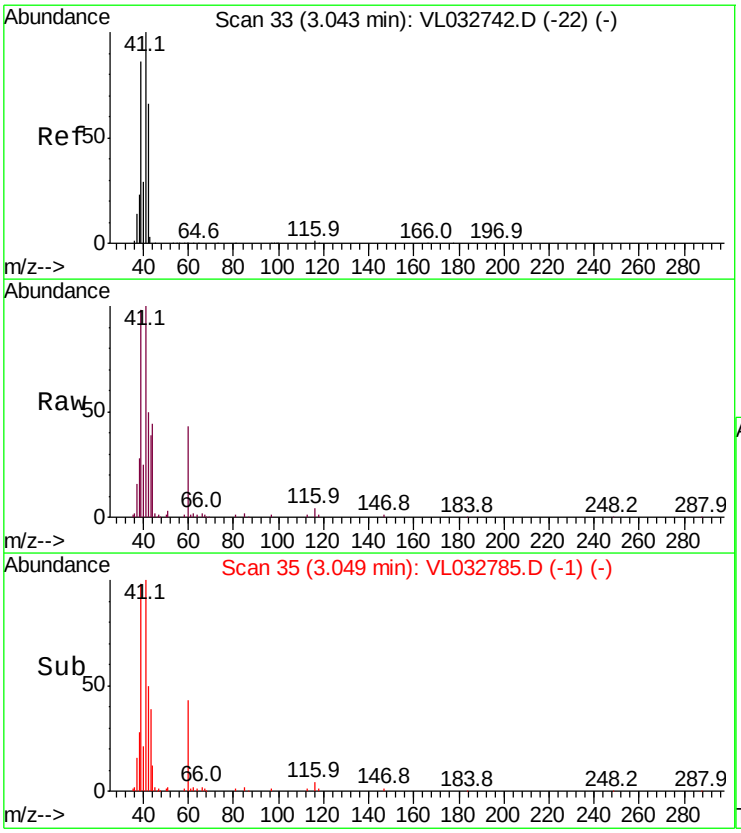
#7
Chloroethane
Concen: 0.033 ppbv
RT: 3.61 min Scan# 208
Delta R.T. -0.00 min
Lab File: VL032785.D
Acq: 20 Nov 2018 19:26

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 742

Ion	Ratio	Lower	Upper
64	100		
66	31.5	23.2	34.8

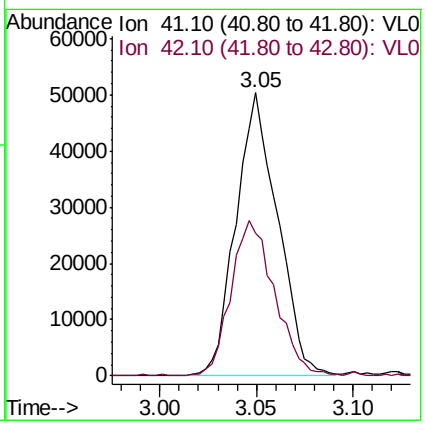


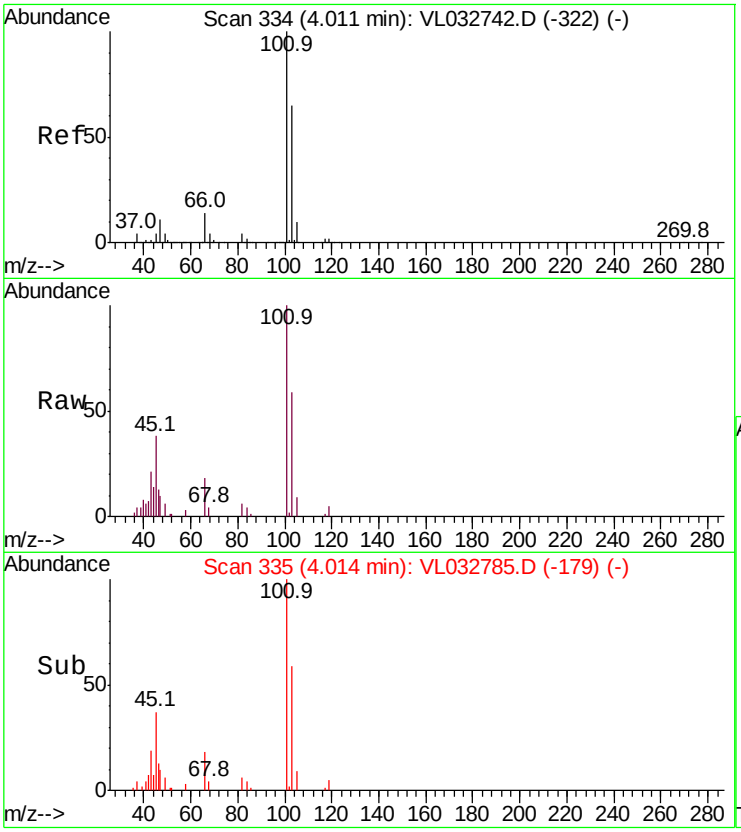


#9
Propene
Concen: 1.759 ppbv
RT: 3.05 min Scan# 35
Delta R.T. 0.01 min
Lab File: VL032785.D
Acq: 20 Nov 2018 19:26

Tgt Ion: 41 Resp: 75693

Ion	Ratio	Lower	Upper
41	100		
42	57.6	55.0	82.6



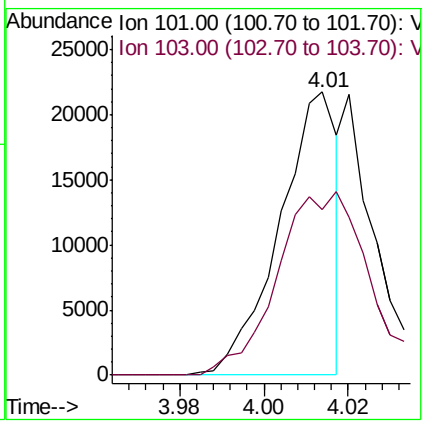


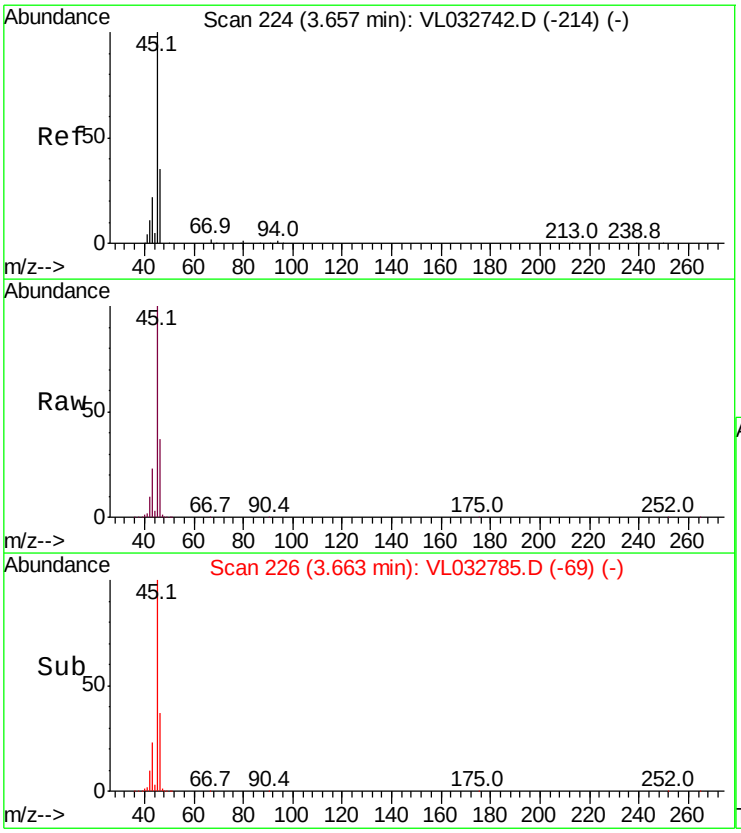
#11
Trichlorofluoromethane
Concen: 0.113 ppbv
RT: 4.01 min Scan# 335
Delta R.T. 0.00 min
Lab File: VL032785.D
Acq: 20 Nov 2018 19:26

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 20719

Ion	Ratio	Lower	Upper
101	100		
103	58.5	51.6	77.4

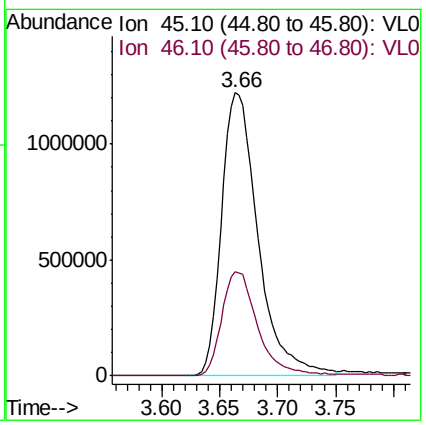


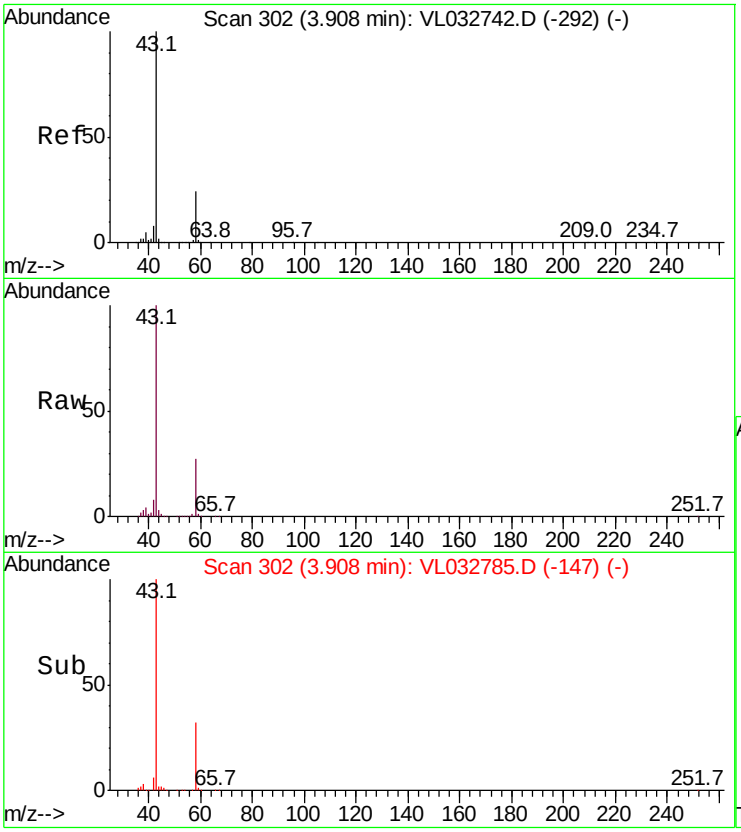


#13
Ethanol
Concen: 190.219 ppbv
RT: 3.66 min Scan# 226
Delta R.T. 0.01 min
Lab File: VL032785.D
Acq: 20 Nov 2018 19:26

Tgt Ion: 45 Resp: 2680556

Ion	Ratio	Lower	Upper
45	100		
46	37.1	14.5	57.9



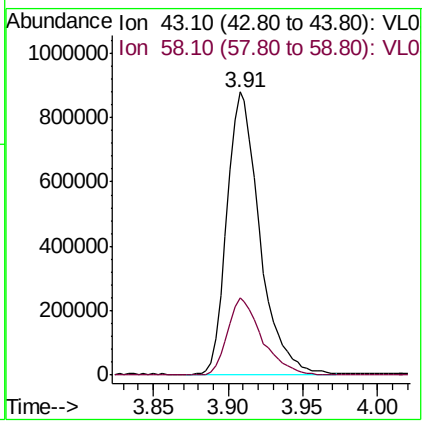


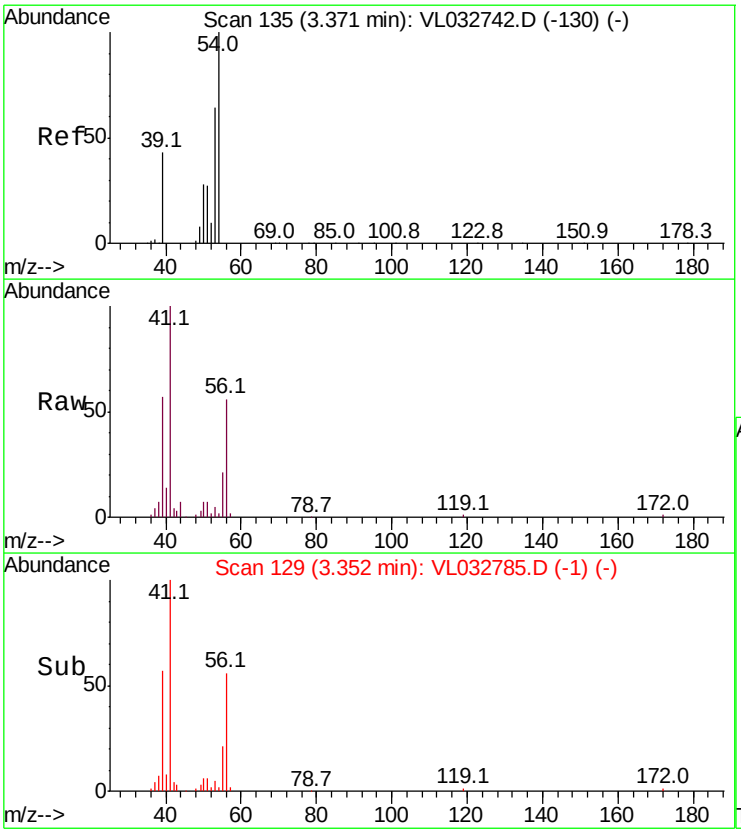
#15
Acetone
Concen: 10.776 ppbv
RT: 3.91 min Scan# 302
Delta R.T. -0.00 min
Lab File: VL032785.D
Acq: 20 Nov 2018 19:26

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 1334476

Ion	Ratio	Lower	Upper
43	100		
58	29.1	21.1	31.7

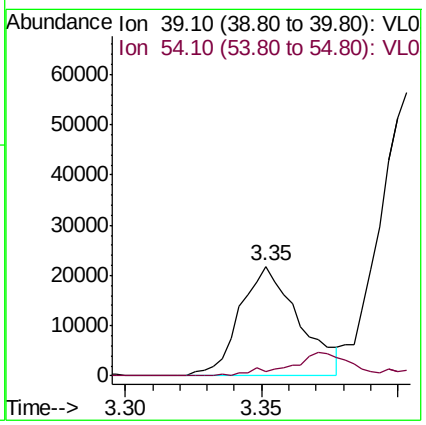


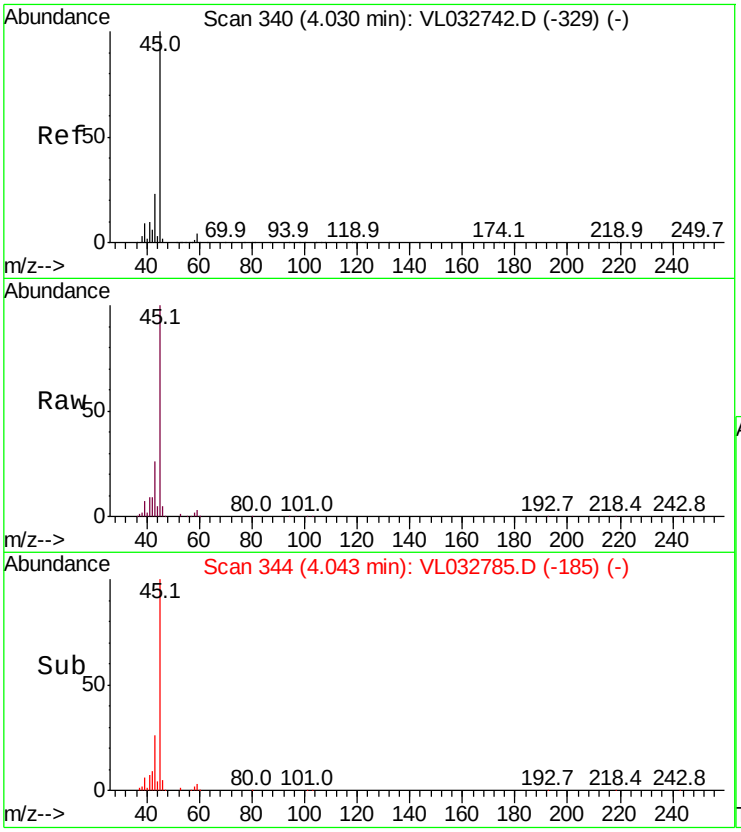


#16
1,3-Butadiene
Concen: 0.687 ppbv
RT: 3.35 min Scan# 129
Delta R.T. -0.02 min
Lab File: VL032785.D
Acq: 20 Nov 2018 19:26

Tgt Ion: 39 Resp: 32935

Ion	Ratio	Lower	Upper
39	100		
54	25.4	68.9	103.3#



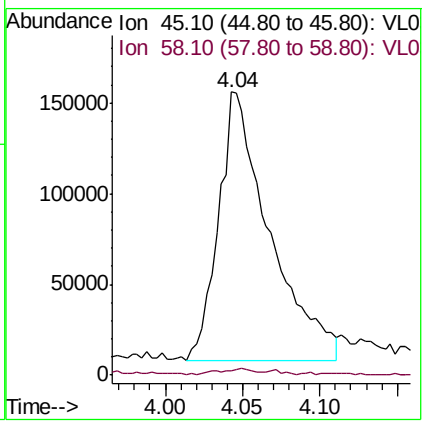


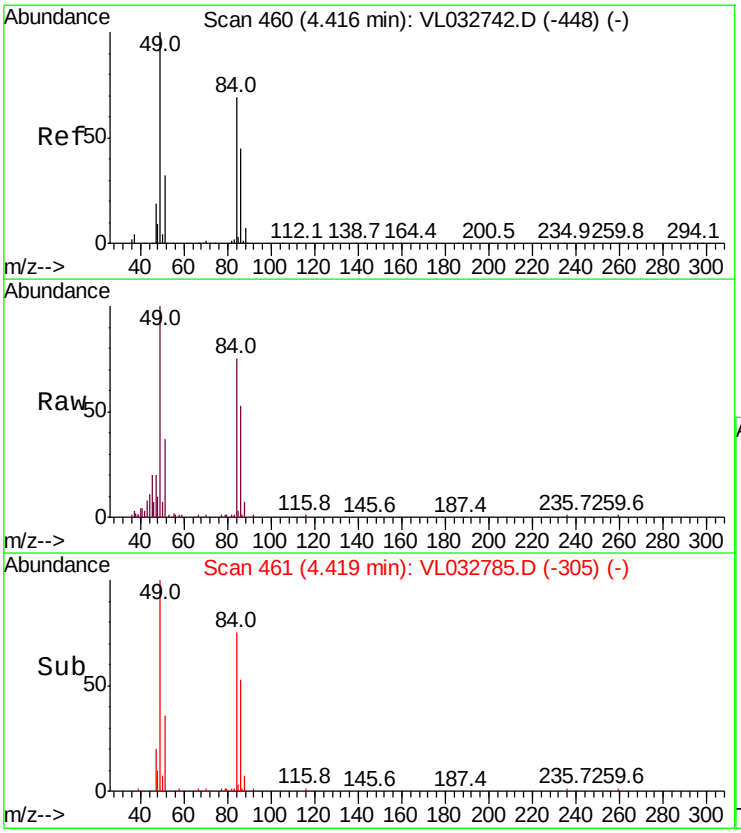
#19
Isopropyl Alcohol
Concen: 4.098 ppbv
RT: 4.04 min Scan# 344
Delta R.T. 0.01 min
Lab File: VL032785.D
Acq: 20 Nov 2018 19:26

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 338062

Ion	Ratio	Lower	Upper
45	100		
58	114.2	1.4	2.0#

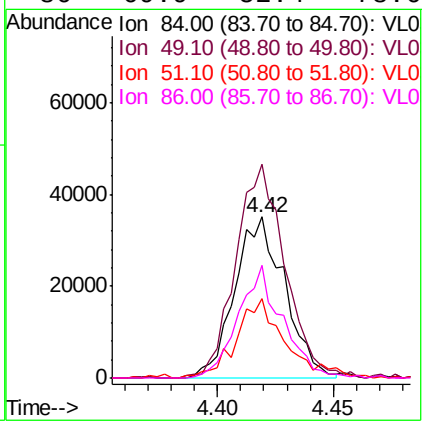


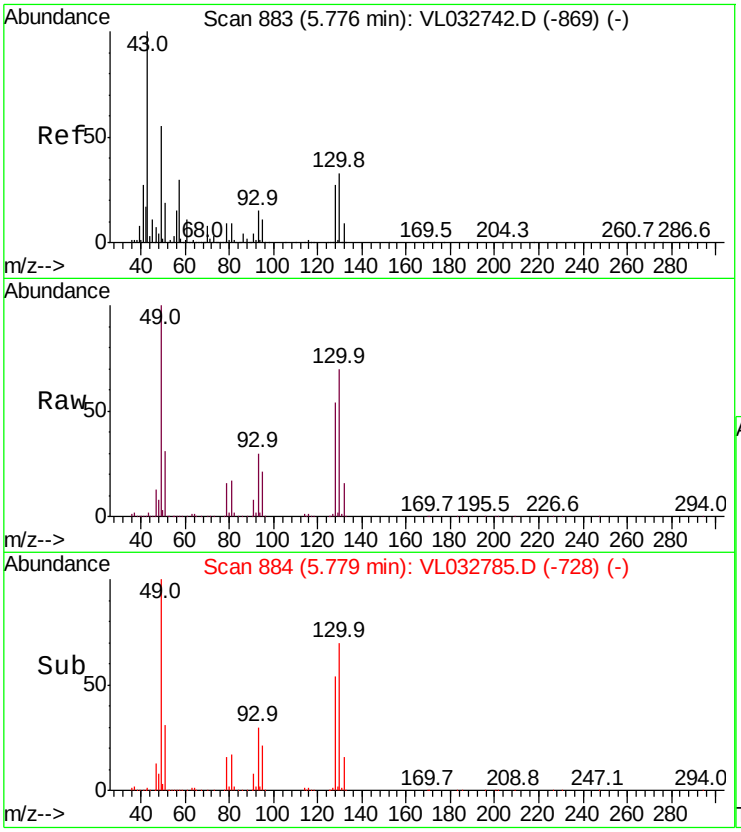


#20
Methylene Chloride
Concen: 0.818 ppbv
RT: 4.42 min Scan# 461
Delta R.T. 0.00 min
Lab File: VL032785.D
Acq: 20 Nov 2018 19:26

Tgt Ion: 84 Resp: 52465

Ion	Ratio	Lower	Upper
84	100		
49	130.7	115.8	173.6
51	47.4	36.9	55.3
86	69.9	52.4	78.6



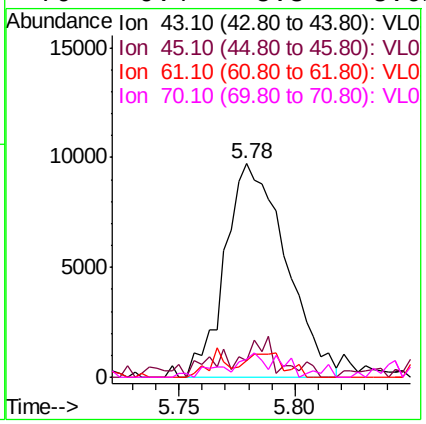


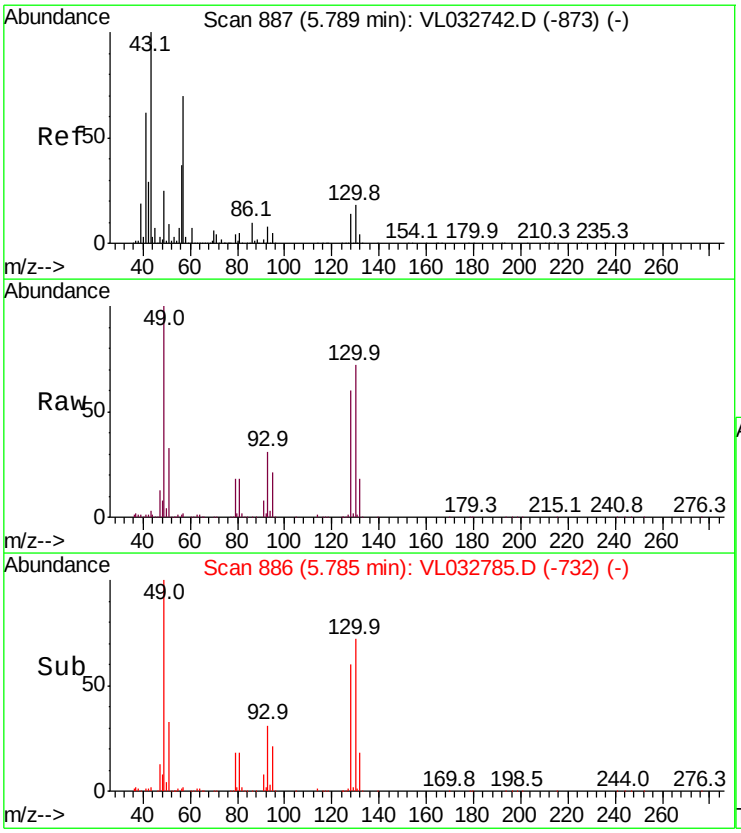
#25
Ethyl Acetate
Concen: 0.061 ppbv
RT: 5.78 min Scan# 884
Delta R.T. 0.00 min
Lab File: VL032785.D
Acq: 20 Nov 2018 19:26

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 17660

Ion	Ratio	Lower	Upper
43	100		
45	18.9	7.9	11.9#
61	11.2	7.8	11.6
70	9.4	5.8	8.6#

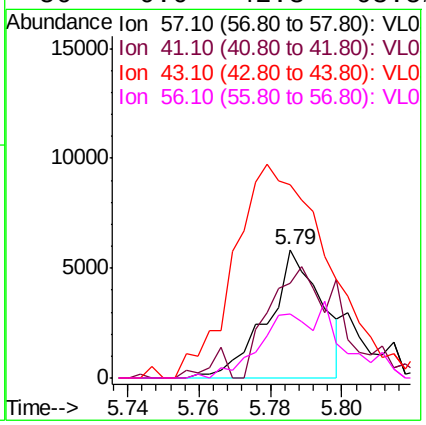


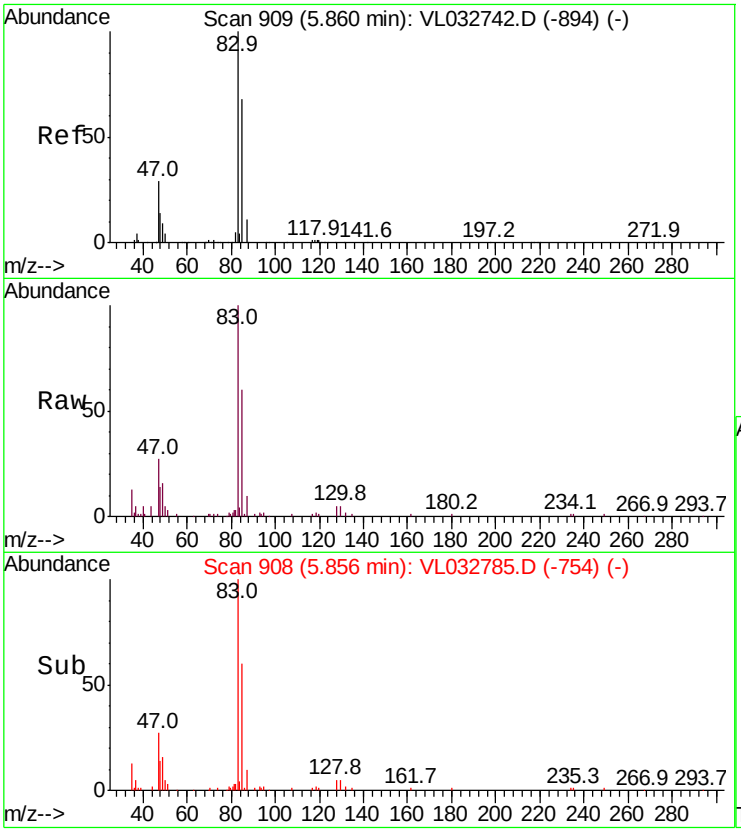


#26
Hexane
Concen: 0.047 ppbv
RT: 5.79 min Scan# 886
Delta R.T. -0.00 min
Lab File: VL032785.D
Acq: 20 Nov 2018 19:26

Tgt Ion: 57 Resp: 6088

Ion	Ratio	Lower	Upper
57	100		
41	130.9	70.3	105.5#
43	304.2	174.0	261.0#
56	0.0	42.3	63.5#



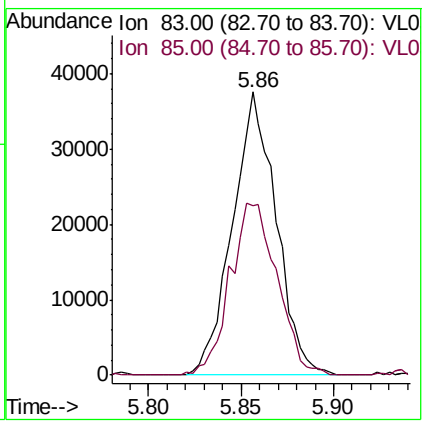


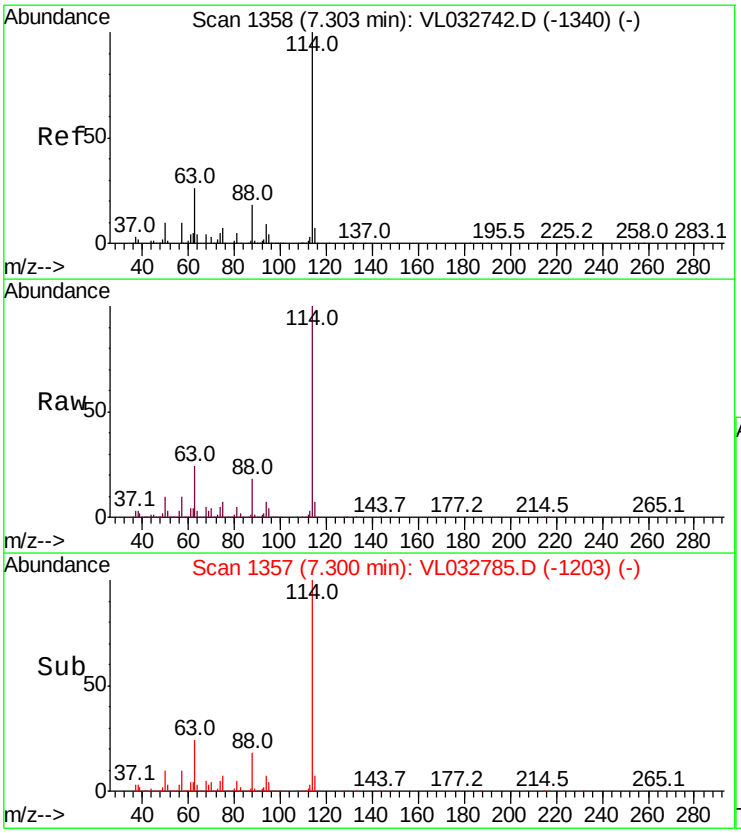
#29
Chloroform
Concen: 0.268 ppbv
RT: 5.86 min Scan# 908
Delta R.T. -0.00 min
Lab File: VL032785.D
Acq: 20 Nov 2018 19:26

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 61304

Ion	Ratio	Lower	Upper
83	100		
85	59.8	54.2	81.4

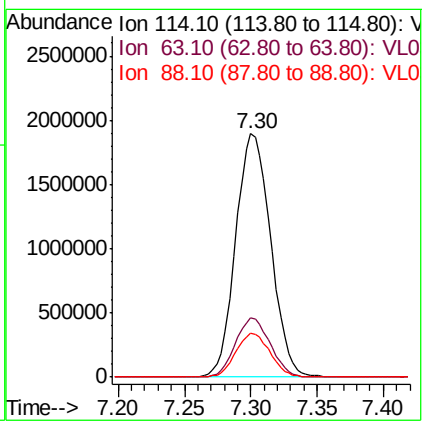


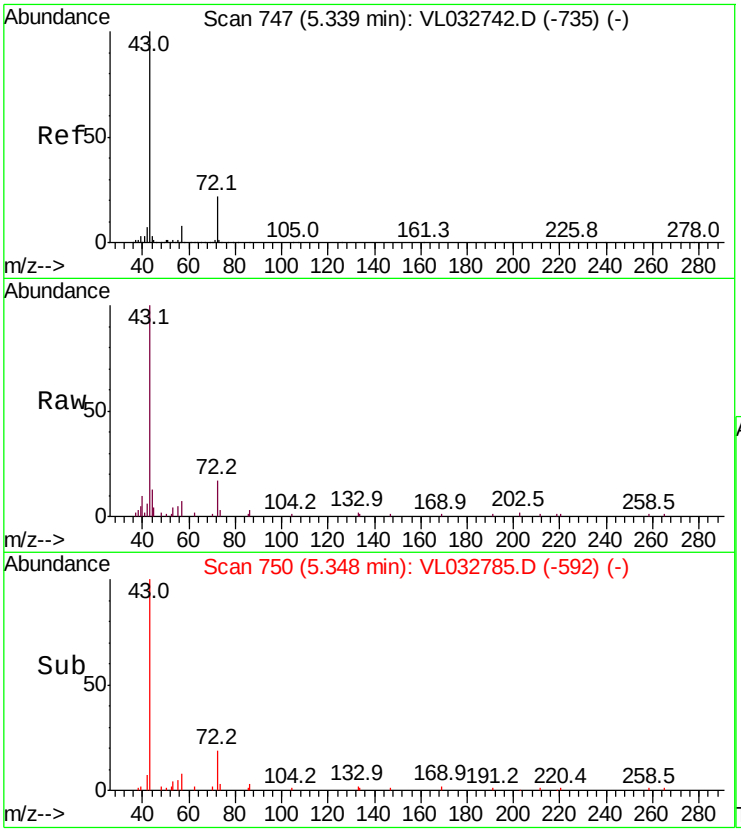


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1357
Delta R.T. -0.00 min
Lab File: VL032785.D
Acq: 20 Nov 2018 19:26

Tgt Ion:114 Resp: 3488110

Ion	Ratio	Lower	Upper
114	100		
63	24.2	20.9	31.3
88	17.5	14.4	21.6



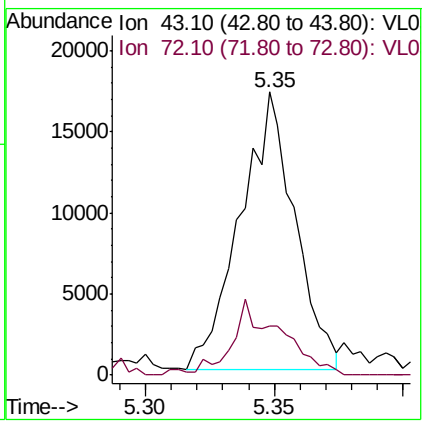


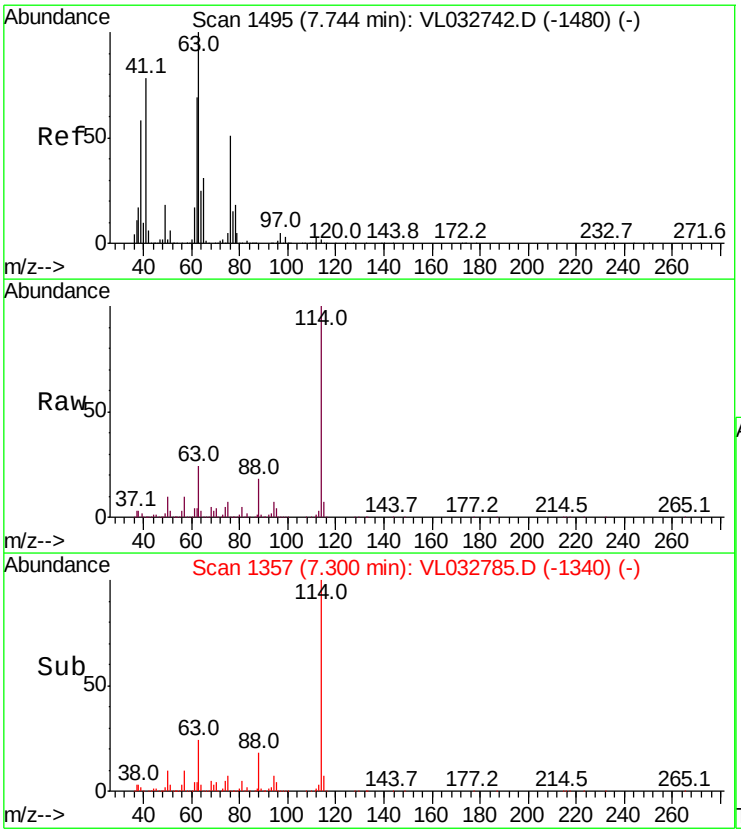
#34
2-Butanone
Concen: 0.140 ppbv
RT: 5.35 min Scan# 750
Delta R.T. 0.01 min
Lab File: VL032785.D
Acq: 20 Nov 2018 19:26

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 25337

Ion	Ratio	Lower	Upper
43	100		
72	24.1	18.4	27.6

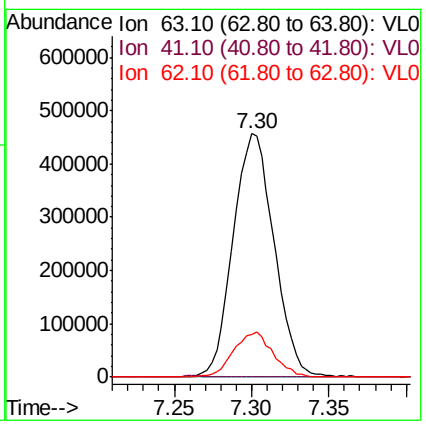


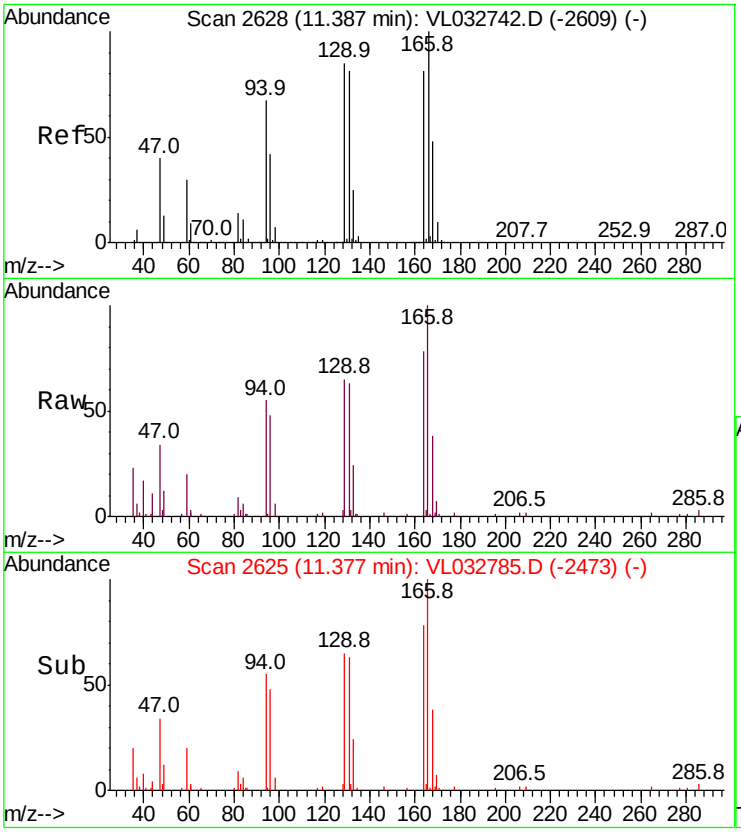


#39
1,2-Dichloropropane
Concen: 7.911 ppbv
RT: 7.30 min Scan# 1357
Delta R.T. -0.44 min
Lab File: VL032785.D
Acq: 20 Nov 2018 19:26

Tgt Ion: 63 Resp: 837242

Ion	Ratio	Lower	Upper
63	100		
41	0.1	62.0	93.0#
62	17.3	55.4	83.2#



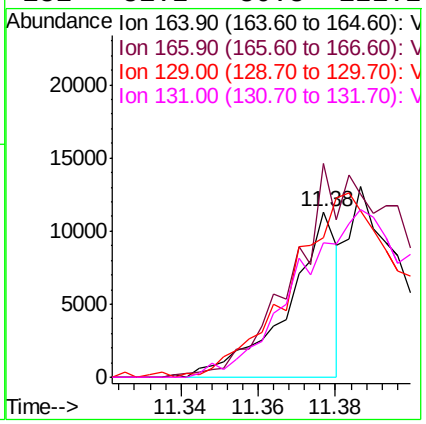


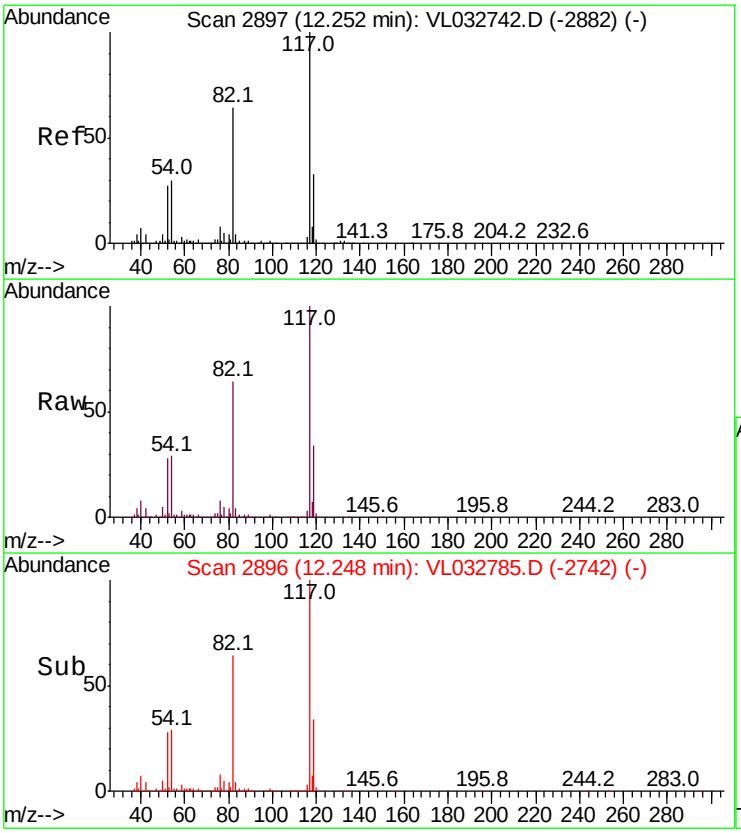
#52
Tetrachloroethene
Concen: 0.103 ppbv
RT: 11.38 min Scan# 2625
Delta R.T. -0.01 min
Lab File: VL032785.D
Acq: 20 Nov 2018 19:26

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:164 Resp: 9970

Ion	Ratio	Lower	Upper
164	100		
166	126.9	99.3	148.9
129	81.9	83.9	125.9#
131	81.2	80.8	121.2

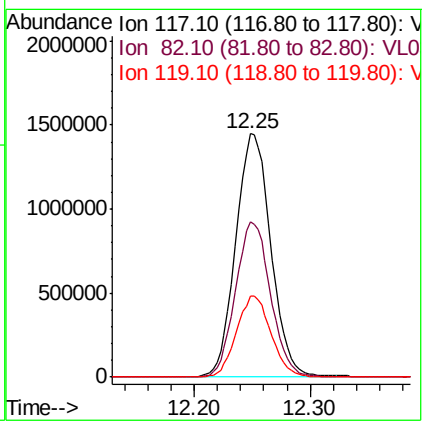


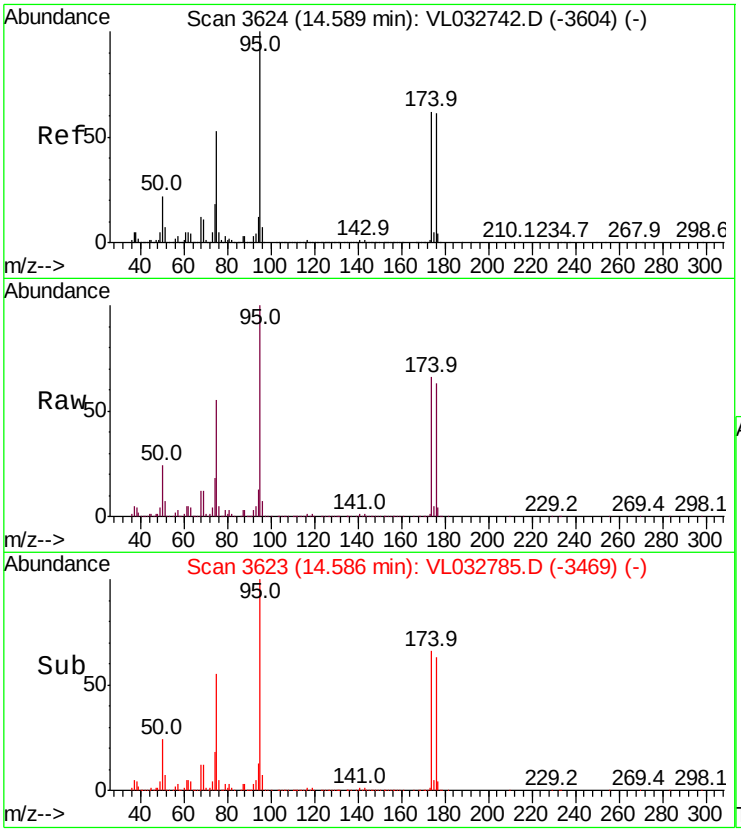


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VL032785.D
Acq: 20 Nov 2018 19:26

Tgt Ion:117 Resp: 3057437

Ion	Ratio	Lower	Upper
117	100		
82	64.1	51.0	76.6
119	32.8	28.0	42.0





#68
1-Bromo-4-Fluorobenzene
Concen: 9.555 ppbv
RT: 14.59 min Scan# 3623
Delta R.T. -0.00 min
Lab File: VL032785.D
Acq: 20 Nov 2018 19:26

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2184978

Ion	Ratio	Lower	Upper
95	100		
174	68.6	50.7	76.1
175	5.0	3.8	5.6