Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL041218\

Quantitation Report (Not Reviewed)

Data File : VL031872.D
Acq On : 12 Apr 2018 19:25
Operator : SY/AP
Sample : J2191-03DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SSDS-INF-040218DL

Quant Time: Apr 14 01:37:15 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL041218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Apr 13 16:50:02 2018
QLast Update : Fri Apr 13 16:50:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.89	49	1272606	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.43	114	2728150	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.39	117	2584470	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.73	95	2078009	10.00	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.17	85	143198	0.55	ppbv		94
3) Chlorodifluoromethane	3.08	51	9456	0.06	ppbv	#	75
9) Propene	3.33	41	30780	0.60	ppbv		97
10) Heptane	8.39	43	17259	0.10	ppbv	#	40
11) Trichlorofluoromethane	4.11	101	254654	0.99	ppbv		97
13) Ethanol	3.75	45	337752	19.45	ppbv		99
15) Acetone	4.01	43	432591	2.21	ppbv		100
19) Isopropyl Alcohol	3.75	45	337752	3.09	ppbv	#	94
20) Methylene Chloride	4.52	84	84725	1.19	ppbv		96
25) Ethyl Acetate	5.91	43	29916	0.10	ppbv	#	87
26) Hexane	5.91	57	51272	0.36	ppbv	#	45
29) Chloroform	5.97	83	18794	0.08	ppbv		97
30) Cyclohexane	7.39	84	18413	0.18	ppbv	#	1
34) 2-Butanone	5.46	43	8084	0.04	ppbv	#	52
39) 1,2-Dichloropropane	7.43	63	725476	7.95	ppbv	#	21
53) Toluene	10.10	91	423192	1.55	ppbv		99

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

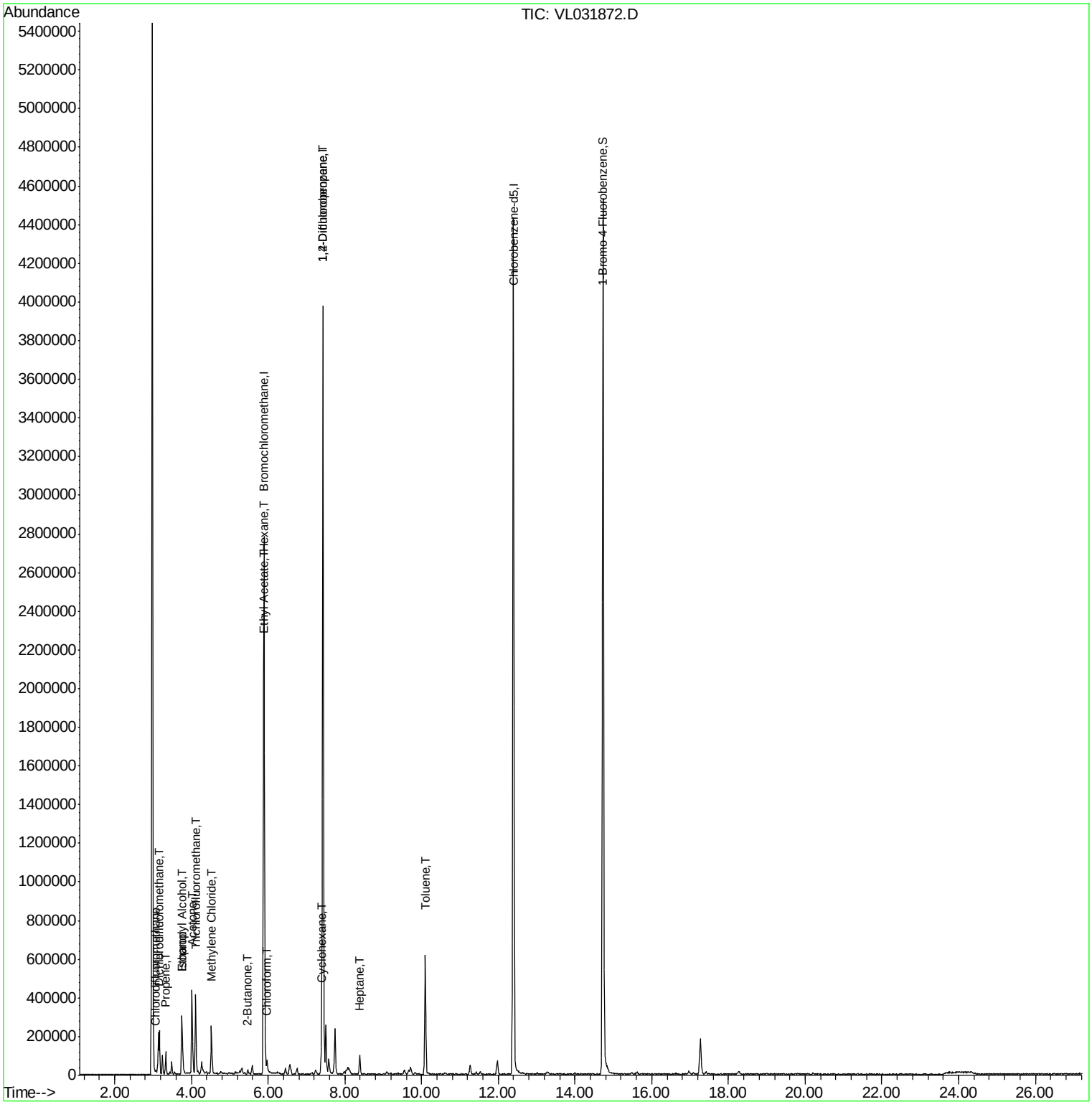
Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL041218\

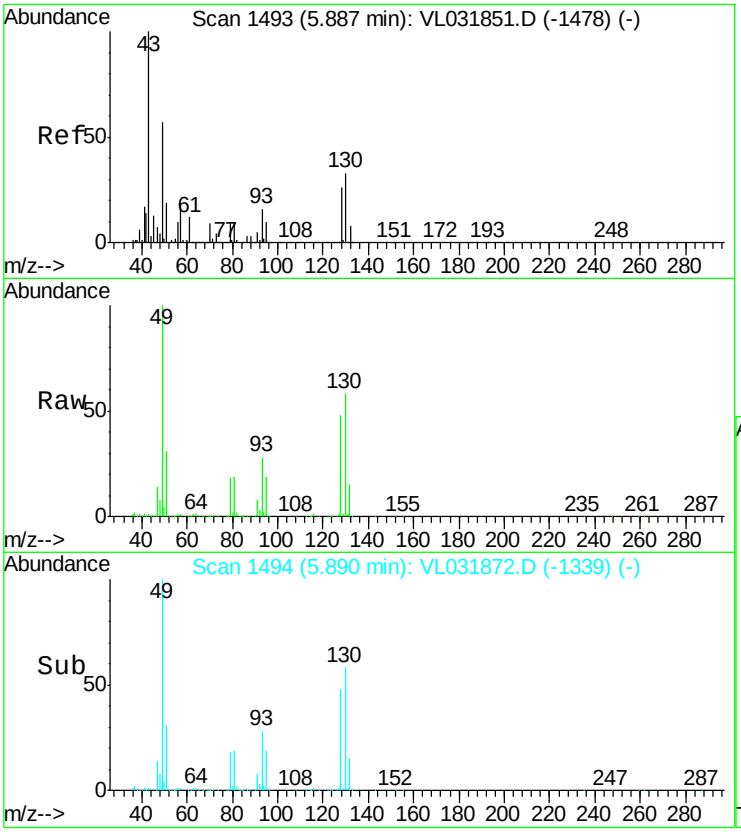
Quantitation Report (Not Reviewed)

Data File : VL031872.D
Acq On : 12 Apr 2018 19:25
Operator : SY/AP
Sample : J2191-03DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SSDS-INF-040218DL

Quant Time: Apr 14 01:37:15 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL041218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Apr 13 16:50:02 2018
QLast Update : Fri Apr 13 16:50:02 2018
Response via : Initial Calibration



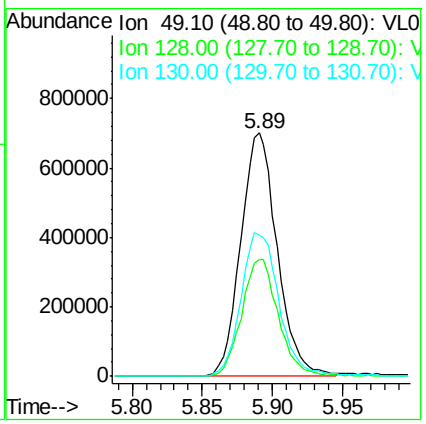


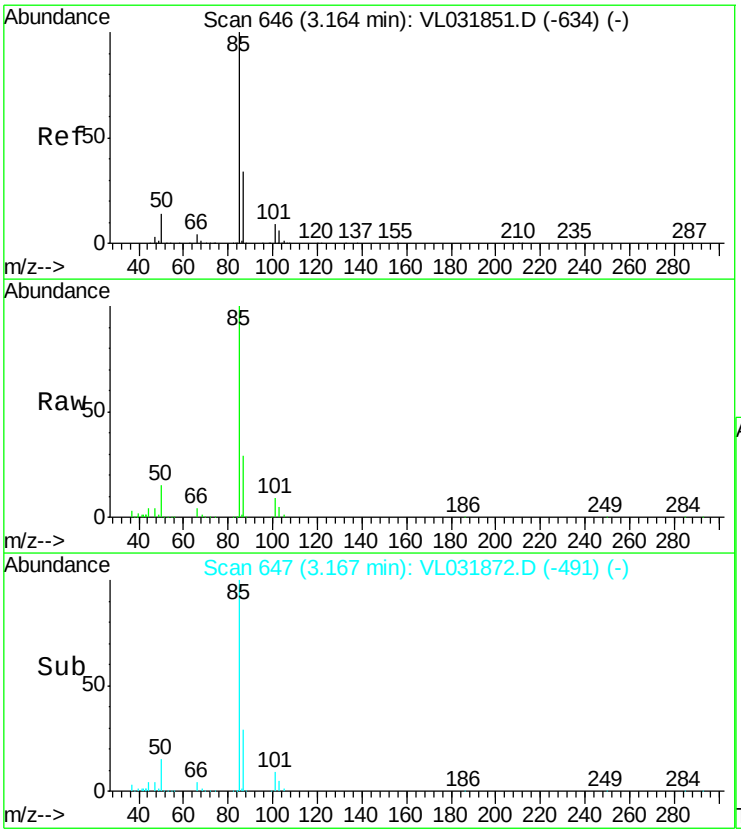
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.89 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VL031872.D
Acq: 12 Apr 2018 19:25

Instrument :
MSVOA_L
ClientSampleId :
SSDS-INF-040218DL

Tgt Ion: 49 Resp: 1272606

Ion	Ratio	Lower	Upper
49	100		
128	48.6	23.9	71.7
130	62.0	30.9	92.7

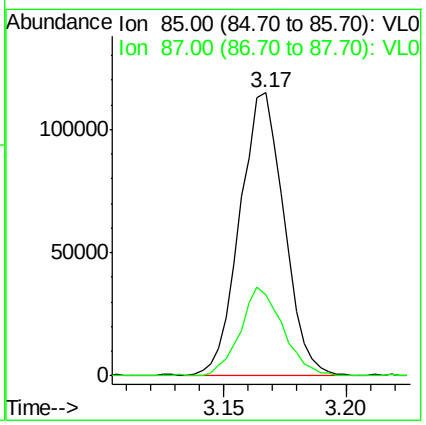


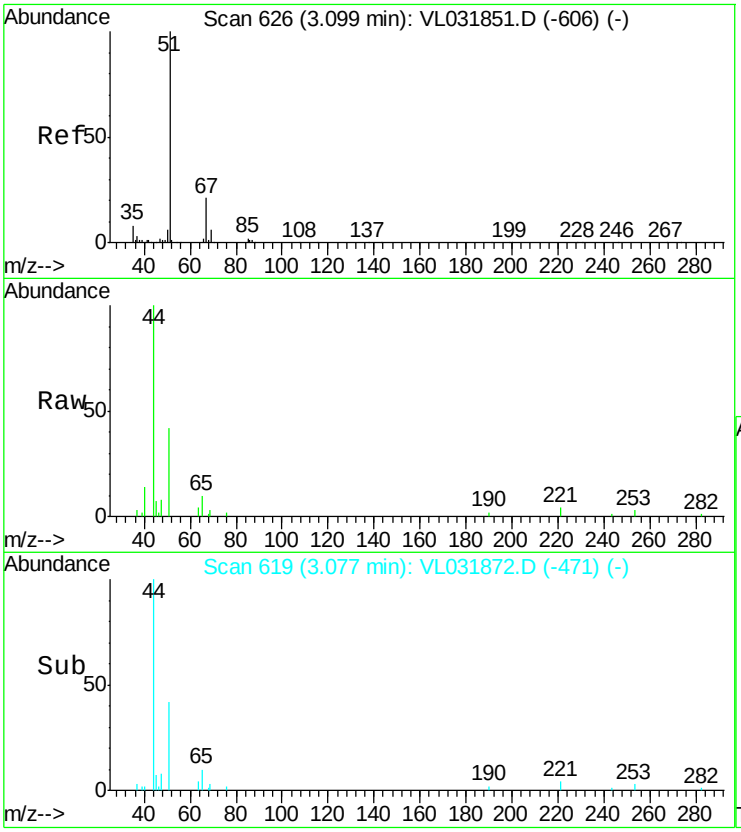


#2
Dichlorodifluoromethane
Concen: 0.55 ppbv
RT: 3.17 min Scan# 647
Delta R.T. 0.00 min
Lab File: VL031872.D
Acq: 12 Apr 2018 19:25

Tgt Ion: 85 Resp: 143198

Ion	Ratio	Lower	Upper
85	100		
87	28.8	25.9	38.9



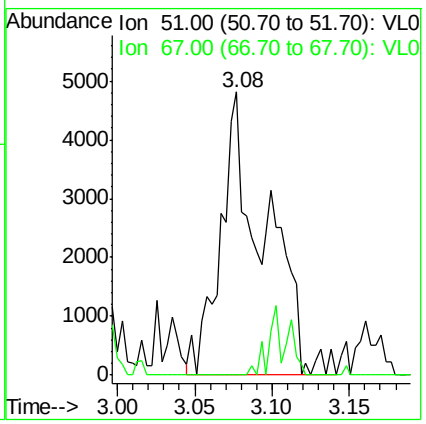


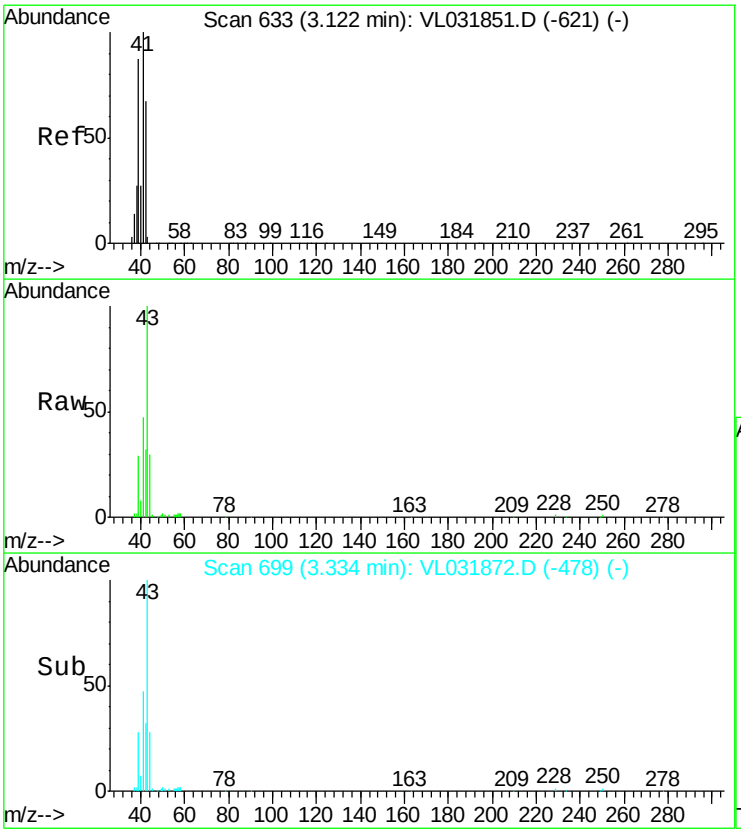
#3
Chlorodifluoromethane
Concen: 0.06 ppbv
RT: 3.08 min Scan# 619
Delta R.T. -0.02 min
Lab File: VL031872.D
Acq: 12 Apr 2018 19:25

Instrument :
MSVOA_L
ClientSampleId :
SSDS-INF-040218DL

Tgt Ion: 51 Resp: 9456

Ion	Ratio	Lower	Upper
51	100		
67	10.0	17.5	26.3#

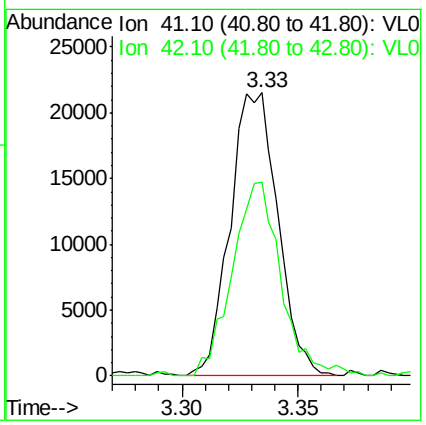


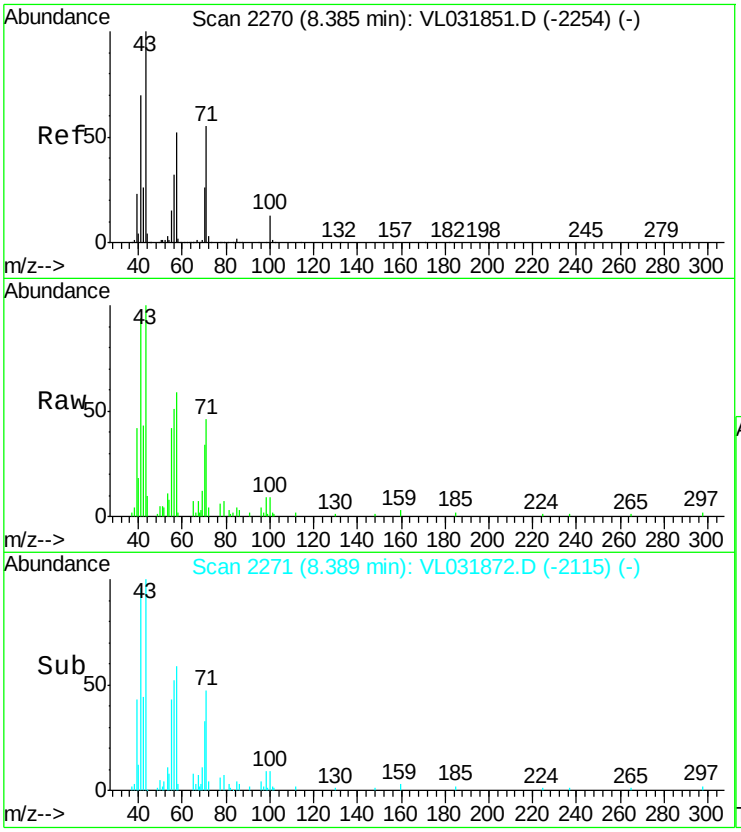


#9
Propene
Concen: 0.60 ppbv
RT: 3.33 min Scan# 699
Delta R.T. 0.21 min
Lab File: VL031872.D
Acq: 12 Apr 2018 19:25

Tgt Ion: 41 Resp: 30780

Ion	Ratio	Lower	Upper
41	100		
42	71.1	55.0	82.4



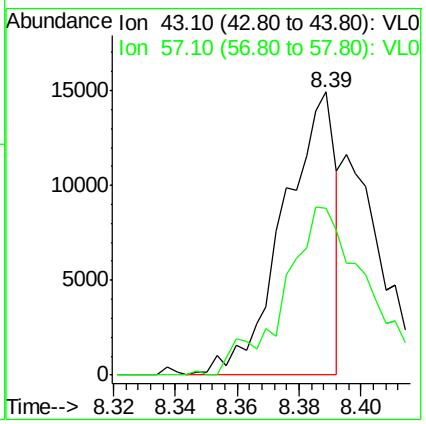


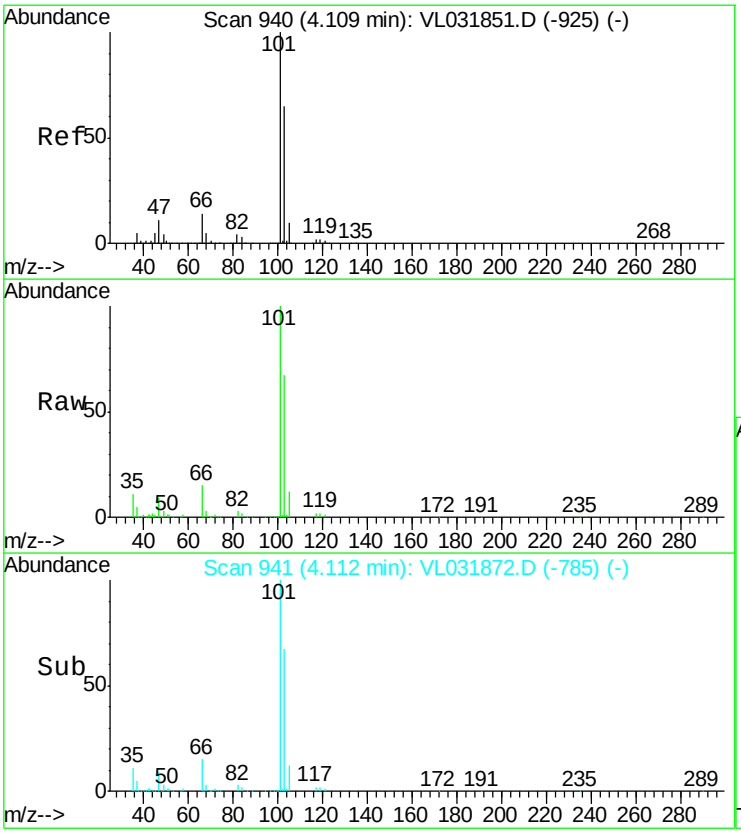
#10
Heptane
Concen: 0.10 ppbv
RT: 8.39 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VL031872.D
Acq: 12 Apr 2018 19:25

Instrument :
MSVOA_L
ClientSampleId :
SSDS-INF-040218DL

Tgt Ion: 43 Resp: 17259

Ion	Ratio	Lower	Upper
43	100		
57	94.0	41.5	62.3#

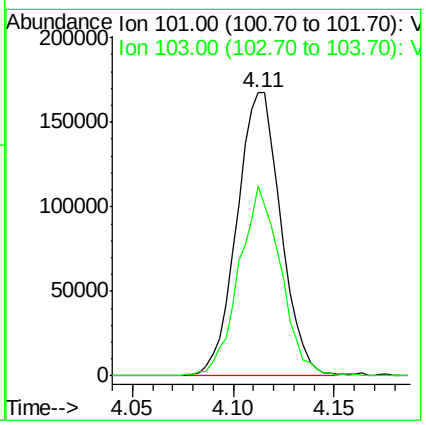


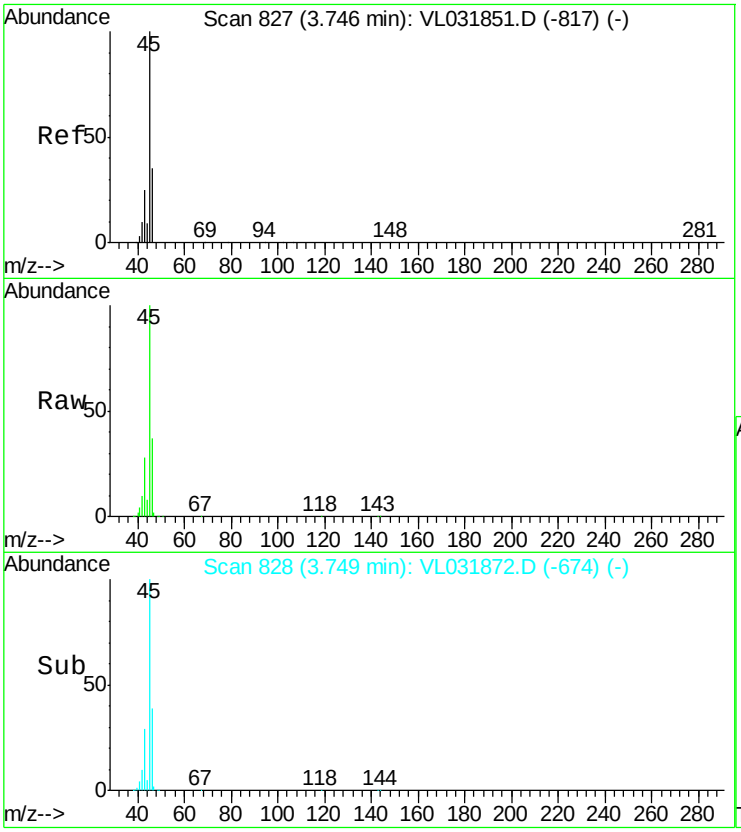


#11
Trichlorofluoromethane
Concen: 0.99 ppbv
RT: 4.11 min Scan# 941
Delta R.T. 0.00 min
Lab File: VL031872.D
Acq: 12 Apr 2018 19:25

Tgt Ion:101 Resp: 254654

Ion	Ratio	Lower	Upper
101	100		
103	66.9	51.8	77.8



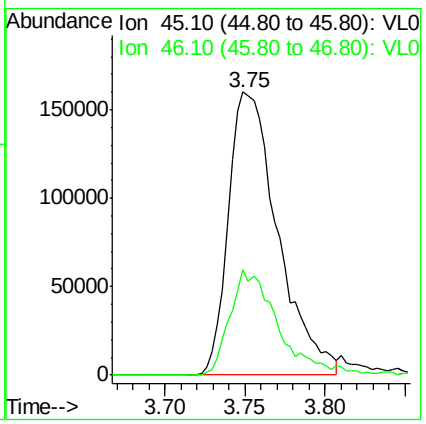


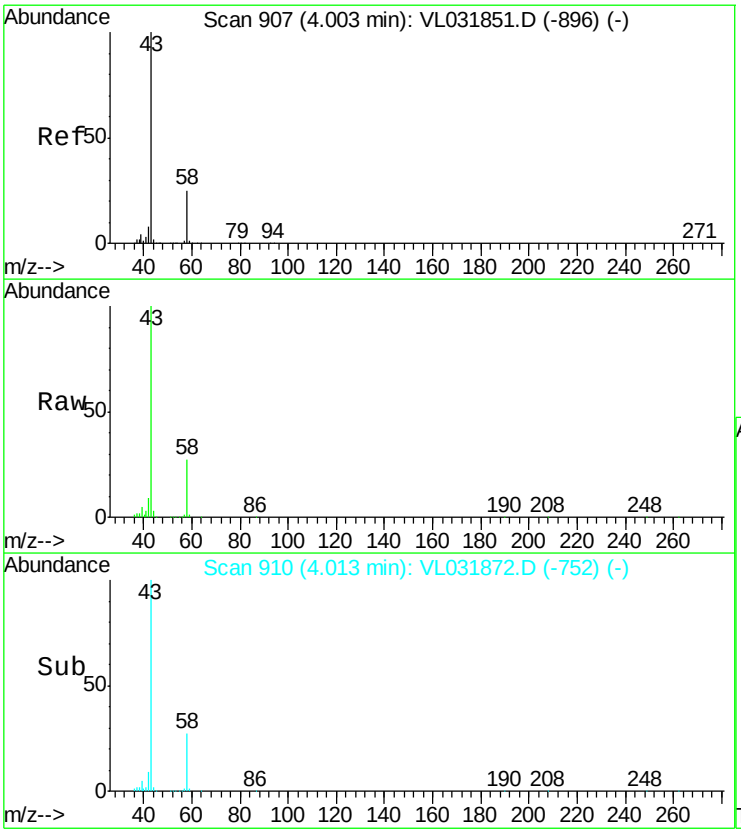
#13
Ethanol
Concen: 19.45 ppbv
RT: 3.75 min Scan# 828
Delta R.T. -0.00 min
Lab File: VL031872.D
Acq: 12 Apr 2018 19:25

Instrument :
MSVOA_L
ClientSampleId :
SSDS-INF-040218DL

Tgt Ion: 45 Resp: 337752

Ion	Ratio	Lower	Upper
45	100		
46	36.2	14.6	58.6

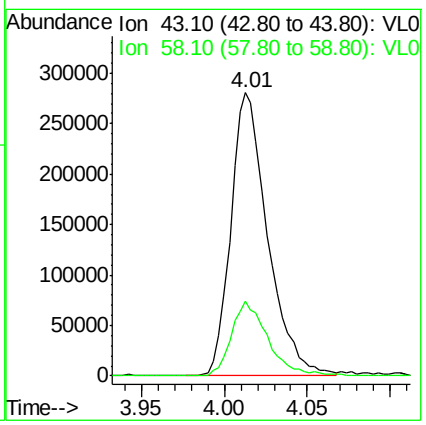


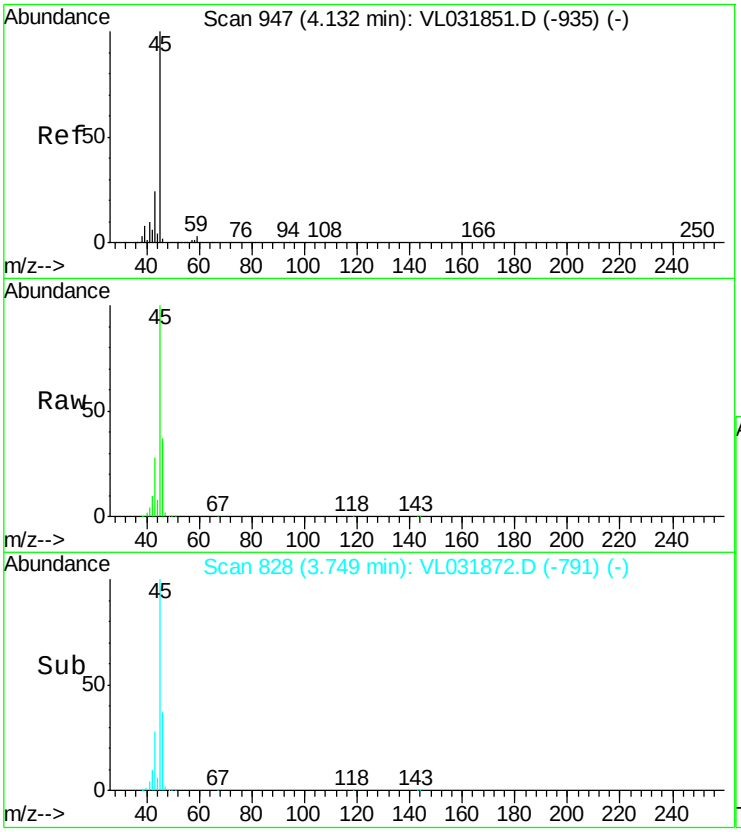


#15
Acetone
Concen: 2.21 ppbv
RT: 4.01 min Scan# 910
Delta R.T. 0.01 min
Lab File: VL031872.D
Acq: 12 Apr 2018 19:25

Tgt Ion: 43 Resp: 432591

Ion	Ratio	Lower	Upper
43	100		
58	26.3	20.9	31.3



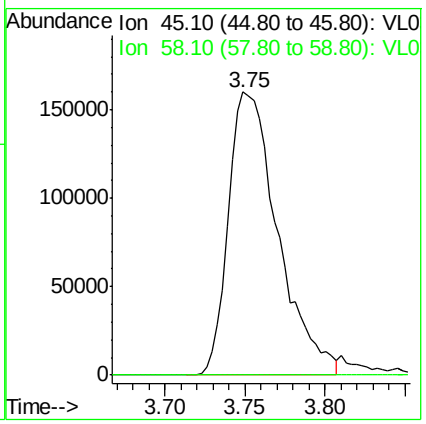


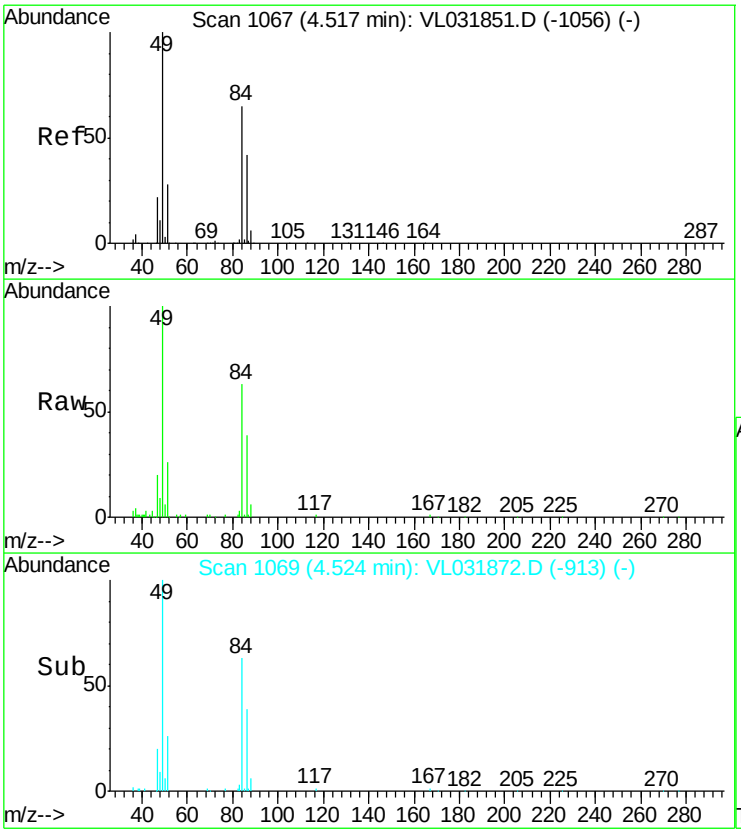
#19
Isopropyl Alcohol
Concen: 3.09 ppbv
RT: 3.75 min Scan# 828
Delta R.T. -0.38 min
Lab File: VL031872.D
Acq: 12 Apr 2018 19:25

Instrument :
MSVOA_L
ClientSampleId :
SSDS-INF-040218DL

Tgt Ion: 45 Resp: 337752

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.7	2.5#

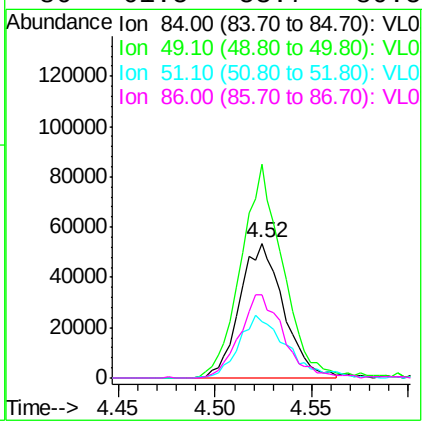


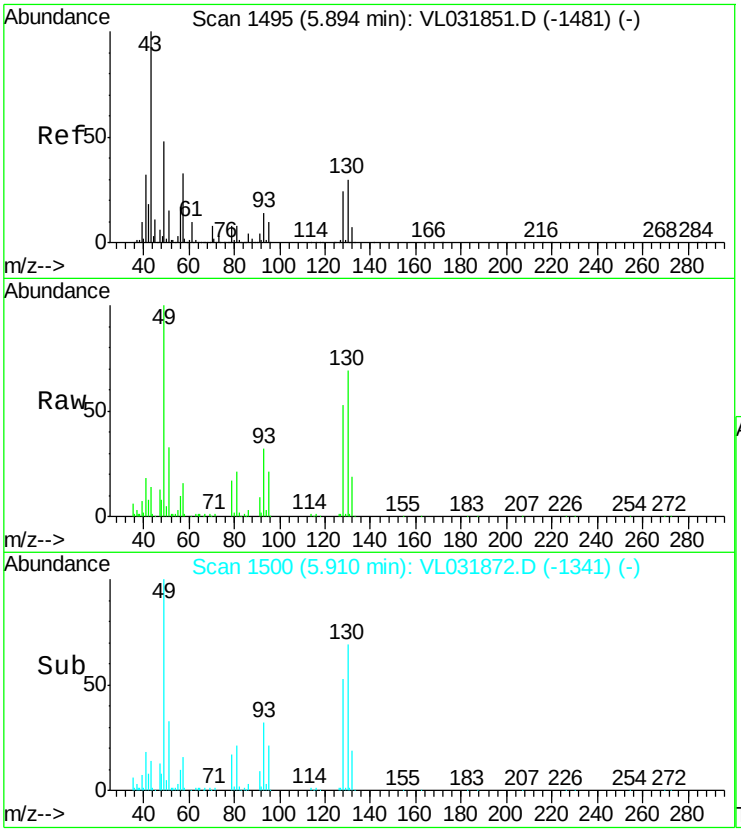


#20
Methylene Chloride
Concen: 1.19 ppbv
RT: 4.52 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VL031872.D
Acq: 12 Apr 2018 19:25

Tgt Ion: 84 Resp: 84725

Ion	Ratio	Lower	Upper
84	100		
49	158.7	125.6	188.4
51	41.5	36.4	54.6
86	61.5	53.7	80.5



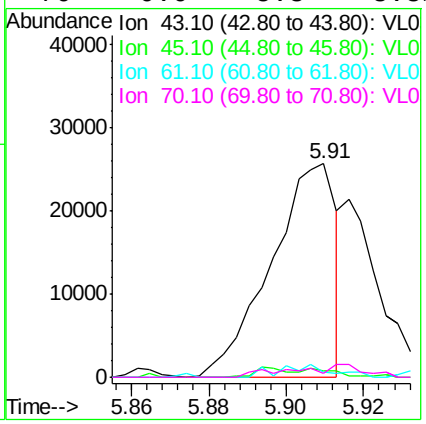


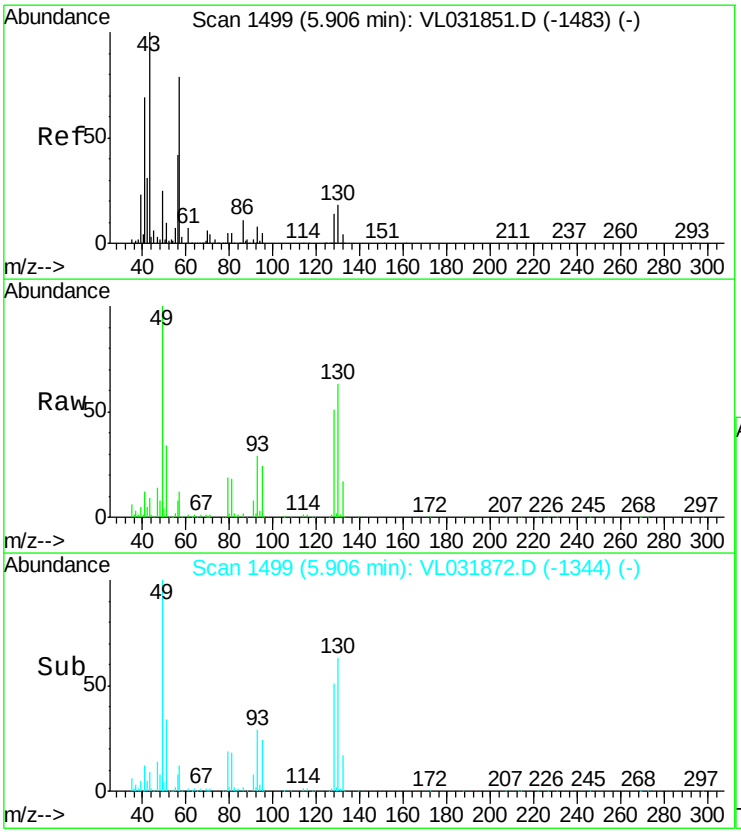
#25
Ethyl Acetate
Concen: 0.10 ppbv
RT: 5.91 min Scan# 1500
Delta R.T. 0.01 min
Lab File: VL031872.D
Acq: 12 Apr 2018 19:25

Instrument : MSVOA_L
ClientSampleId : SSDS-INF-040218DL

Tgt Ion: 43 Resp: 29916

Ion	Ratio	Lower	Upper
43	100		
45	4.8	7.8	11.8#
61	6.5	7.2	10.8#
70	0.0	5.8	8.8#

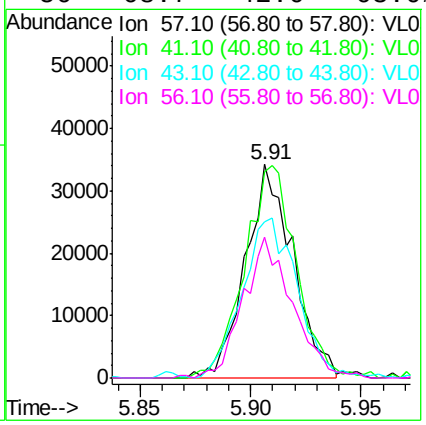


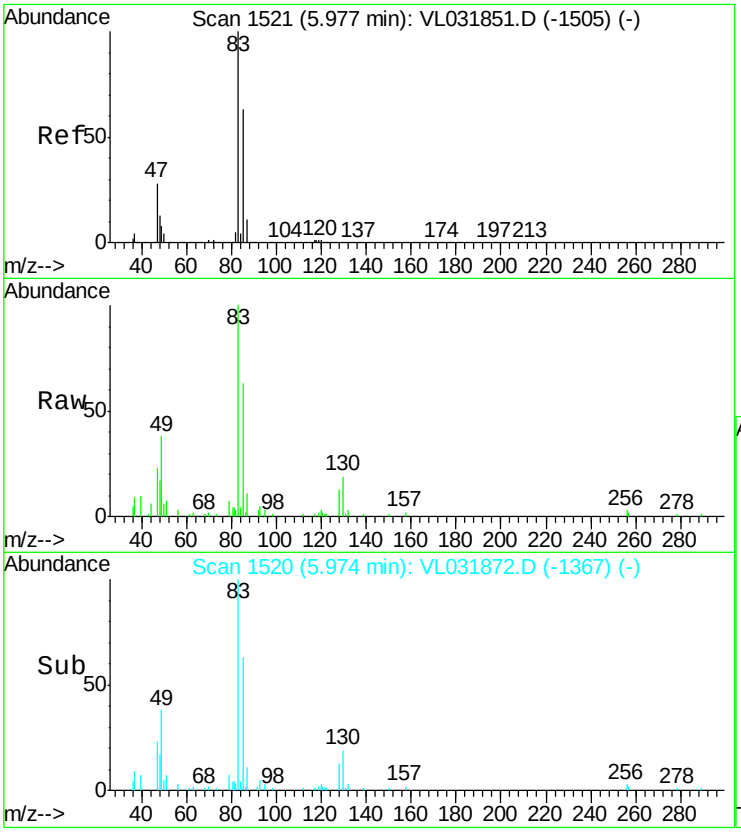


#26
Hexane
Concen: 0.36 ppbv
RT: 5.91 min Scan# 1499
Delta R.T. -0.00 min
Lab File: VL031872.D
Acq: 12 Apr 2018 19:25

Tgt Ion: 57 Resp: 51272

Ion	Ratio	Lower	Upper
57	100		
41	109.0	72.0	108.0#
43	89.2	169.8	254.8#
56	68.7	42.0	63.0#



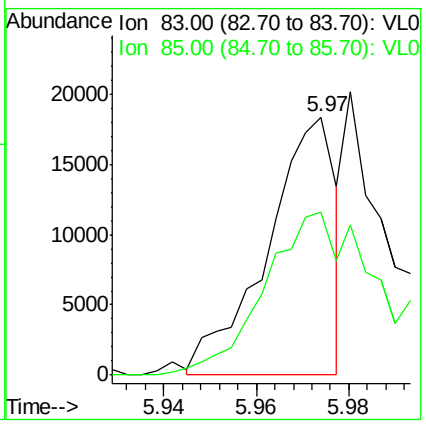


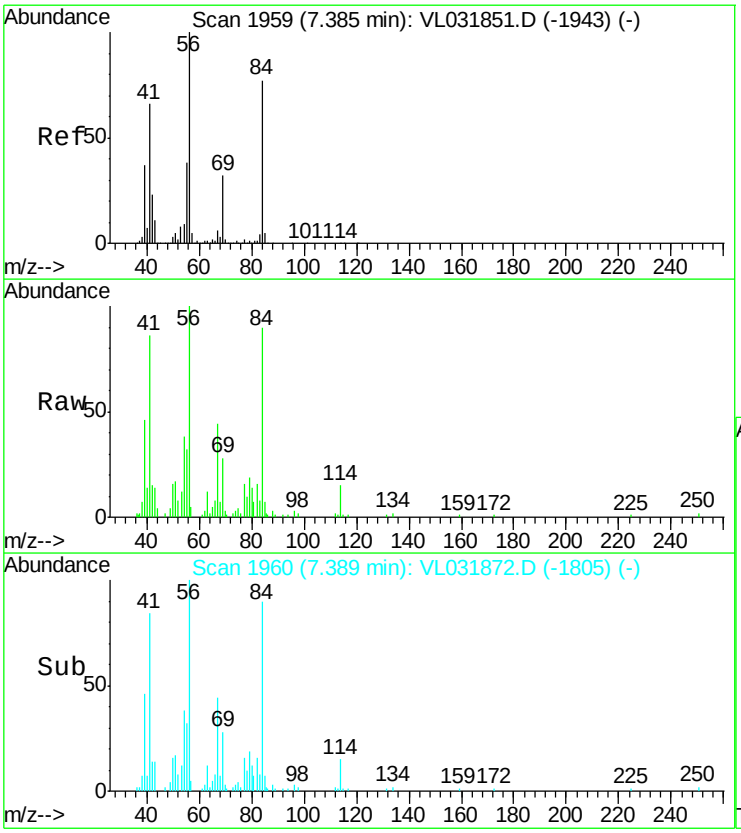
#29
Chloroform
Concen: 0.08 ppbv
RT: 5.97 min Scan# 1520
Delta R.T. -0.01 min
Lab File: VL031872.D
Acq: 12 Apr 2018 19:25

Instrument :
MSVOA_L
ClientSampleId :
SSDS-INF-040218DL

Tgt Ion: 83 Resp: 18794

Ion	Ratio	Lower	Upper
83	100		
85	62.1	51.4	77.0

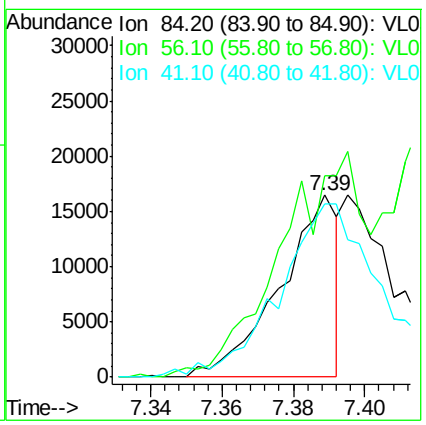


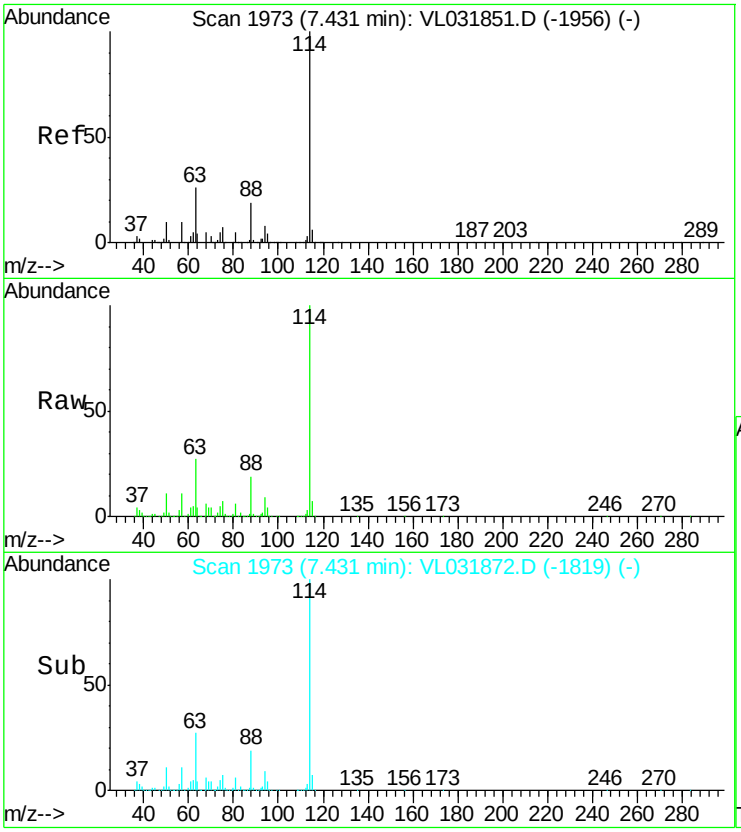


#30
Cyclohexane
Concen: 0.18 ppbv
RT: 7.39 min Scan# 1960
Delta R.T. -0.00 min
Lab File: VL031872.D
Acq: 12 Apr 2018 19:25

Tgt Ion: 84 Resp: 18413

Ion	Ratio	Lower	Upper
84	100		
56	0.0	107.7	161.5#
41	167.3	68.2	102.2#



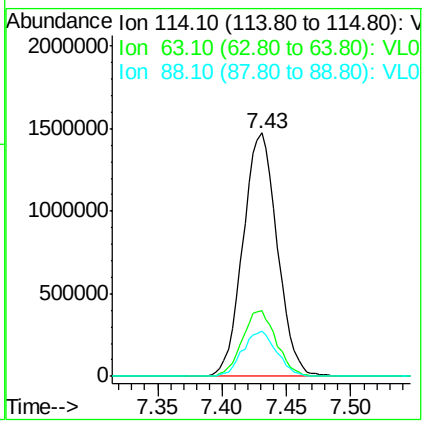


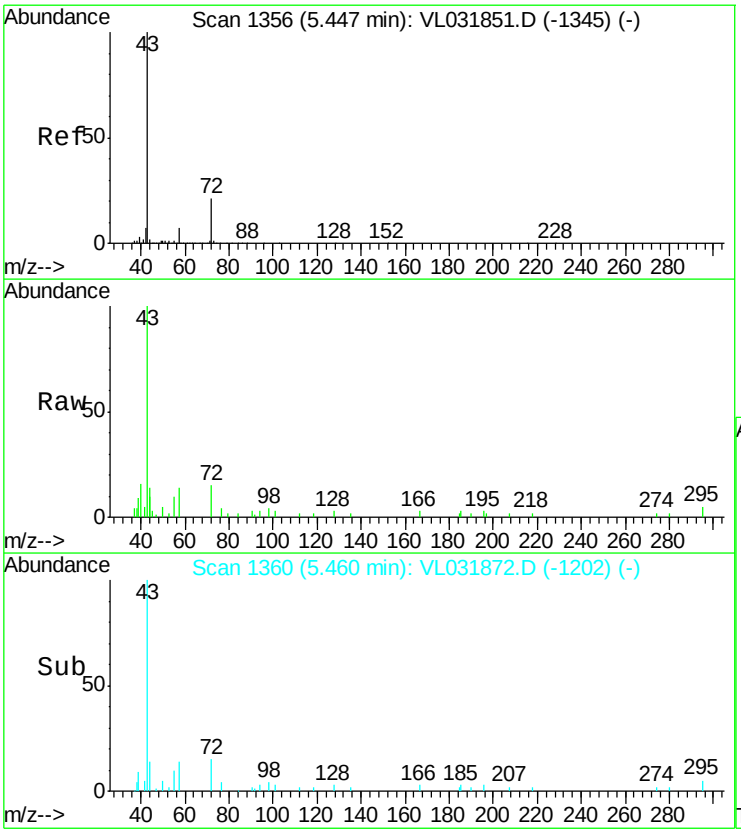
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.43 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VL031872.D
Acq: 12 Apr 2018 19:25

Instrument :
MSVOA_L
ClientSampleId :
SSDS-INF-040218DL

Tgt Ion:114 Resp: 2728150

Ion	Ratio	Lower	Upper
114	100		
63	26.9	21.8	32.6
88	18.6	14.6	22.0

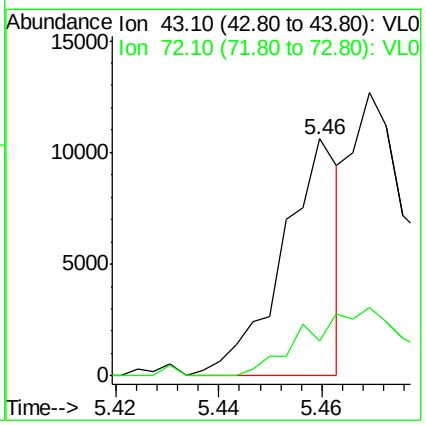


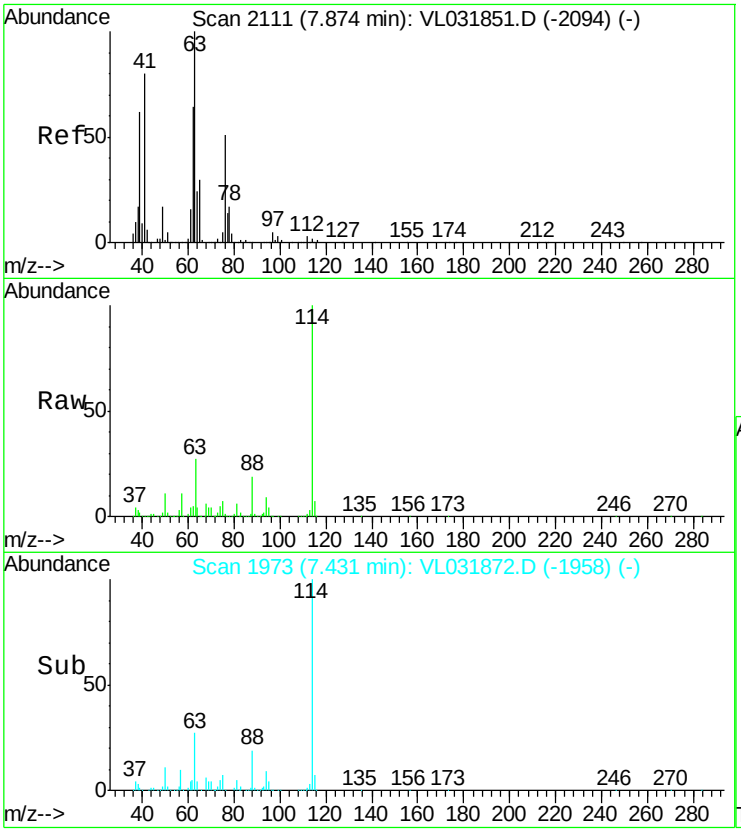


#34
2-Butanone
Concen: 0.04 ppbv
RT: 5.46 min Scan# 1360
Delta R.T. 0.01 min
Lab File: VL031872.D
Acq: 12 Apr 2018 19:25

Tgt Ion: 43 Resp: 8084

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#



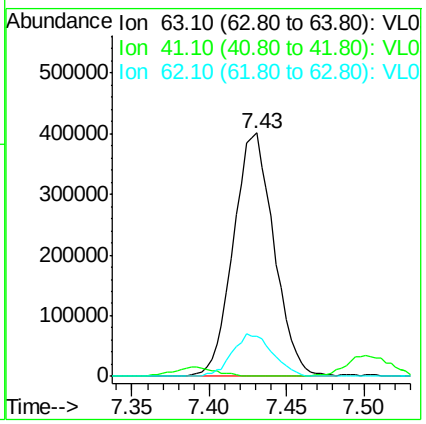


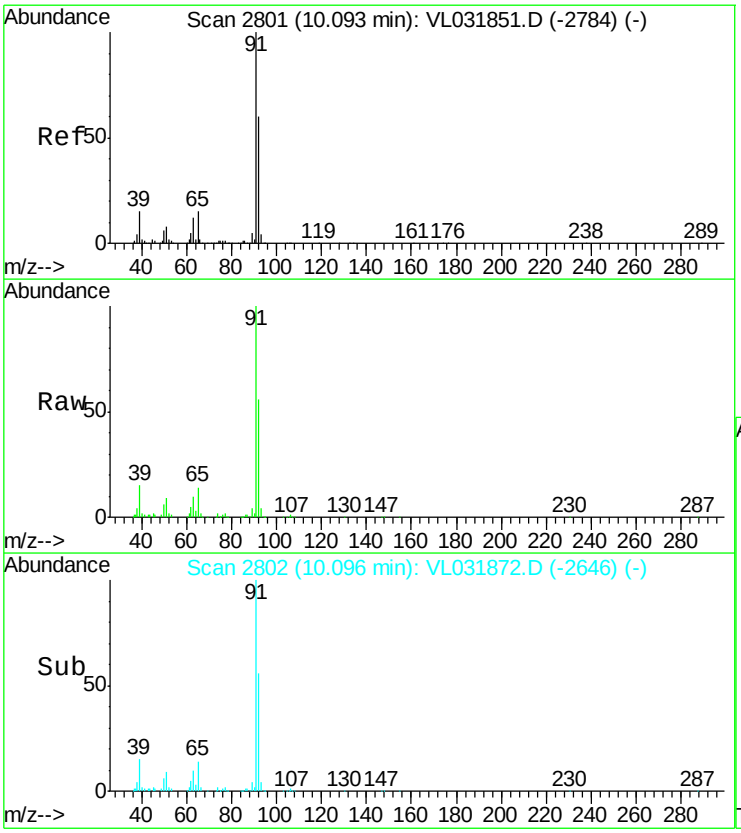
#39
1,2-Dichloropropane
Concen: 7.95 ppbv
RT: 7.43 min Scan# 1973
Delta R.T. -0.45 min
Lab File: VL031872.D
Acq: 12 Apr 2018 19:25

Instrument :
MSVOA_L
ClientSampleId :
SSDS-INF-040218DL

Tgt Ion: 63 Resp: 725476

Ion	Ratio	Lower	Upper
63	100		
41	0.0	65.8	98.6#
62	16.7	55.0	82.6#

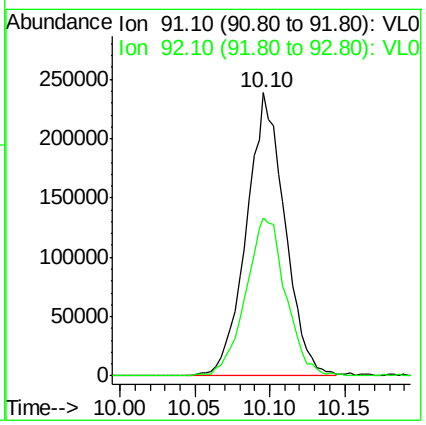


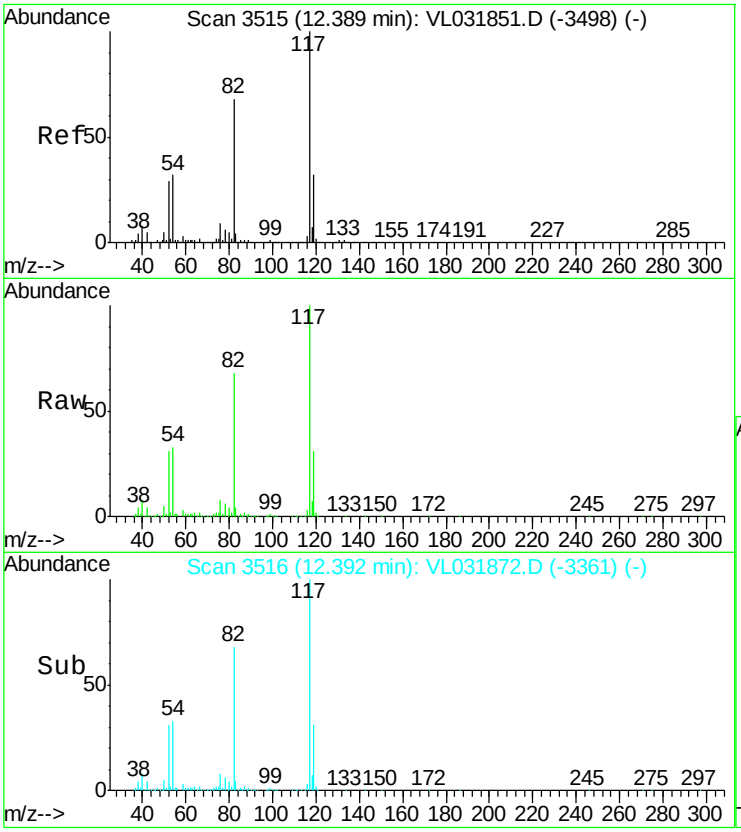


#53
Toluene
Concen: 1.55 ppbv
RT: 10.10 min Scan# 2802
Delta R.T. 0.00 min
Lab File: VL031872.D
Acq: 12 Apr 2018 19:25

Tgt Ion: 91 Resp: 423192

Ion	Ratio	Lower	Upper
91	100		
92	58.7	47.4	71.2



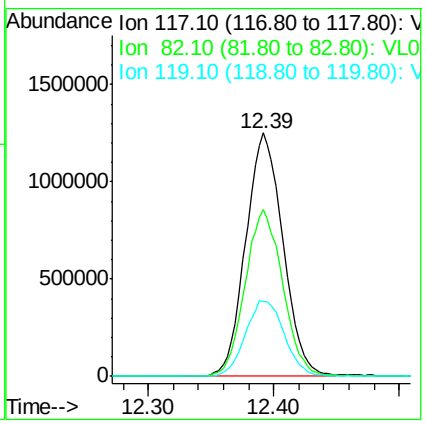


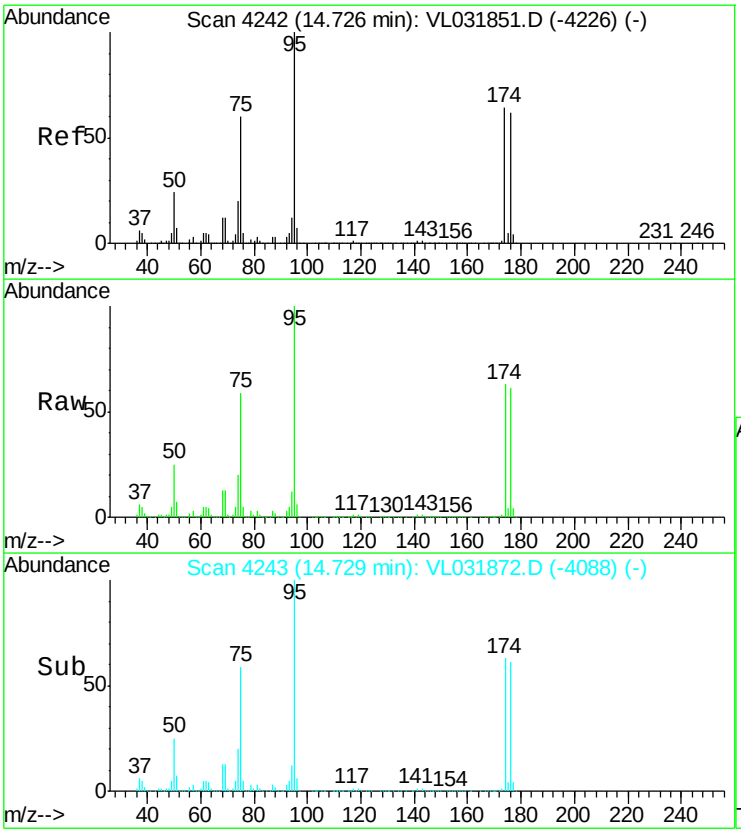
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.39 min Scan# 3516
Delta R.T. -0.00 min
Lab File: VL031872.D
Acq: 12 Apr 2018 19:25

Instrument :
MSVOA_L
ClientSampleId :
SSDS-INF-040218DL

Tgt Ion:117 Resp: 2584470

Ion	Ratio	Lower	Upper
117	100		
82	69.2	54.6	81.8
119	32.6	26.0	39.0





#68
1-Bromo-4-Fluorobenzene
Concen: 10.00 ppbv
RT: 14.73 min Scan# 4243
Delta R.T. -0.00 min
Lab File: VL031872.D
Acq: 12 Apr 2018 19:25

Tgt Ion: 95 Resp: 2078009

Ion	Ratio	Lower	Upper
95	100		
174	64.6	52.3	78.5
175	4.6	3.9	5.9