Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071119\

Quantitation Report (Not Reviewed)

Data File : VL034028.D
Acq On : 11 Jul 2019 22:04
Operator : SY/AP
Sample : K3747-03DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : NVS-1DL

Quant Time: Jul 12 07:03:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL070219AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Jul 02 19:31:31 2019
QLast Update : Tue Jul 02 19:31:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.72	49	1288494	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.25	114	3337863	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.19	117	3261558	10.00	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.53	95	2618241	9.41	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 94.10%			
Target Compounds						Qvalue
9) Propene	3.02	41	732993	12.523	ppbv	91
10) Heptane	8.20	43	11159	0.076	ppbv #	23
13) Ethanol	3.63	45	158283	8.705	ppbv	94
15) Acetone	3.88	43	1147797	5.298	ppbv #	72
16) 1,3-Butadiene	3.32	39	441309	5.769	ppbv #	23
19) Isopropyl Alcohol	4.01	45	45043	0.310	ppbv #	94
20) Methylene Chloride	4.38	84	26069	0.276	ppbv	87
23) Vinyl Acetate	5.11	43	79306	0.367	ppbv #	83
25) Ethyl Acetate	5.74	43	61063	0.206	ppbv #	81
26) Hexane	5.74	57	84798	0.625	ppbv #	42
27) Carbon Disulfide	4.59	76	97337	0.422	ppbv #	73
34) 2-Butanone	5.30	43	242656	1.374	ppbv	100
36) Benzene	6.97	78	74952	0.287	ppbv #	93
39) 1,2-Dichloropropane	7.25	63	803881	8.277	ppbv #	23
53) Toluene	9.90	91	376734	1.260	ppbv	96
58) Ethyl Benzene	12.81	91	47458	0.121	ppbv	90
59) m/p-Xylene	13.11	91	65468	0.184	ppbv #	31
60) o-Xylene	13.80	91	118504	0.334	ppbv	95
72) 4-Ethyltoluene	15.96	105	31622	0.069	ppbv #	50
74) 1,2,4-Trimethylbenzene	16.88	105	77924	0.166	ppbv #	79
80) Naphthalene,2-methyl-	25.08	142	7398	0.051	ppbv #	83

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

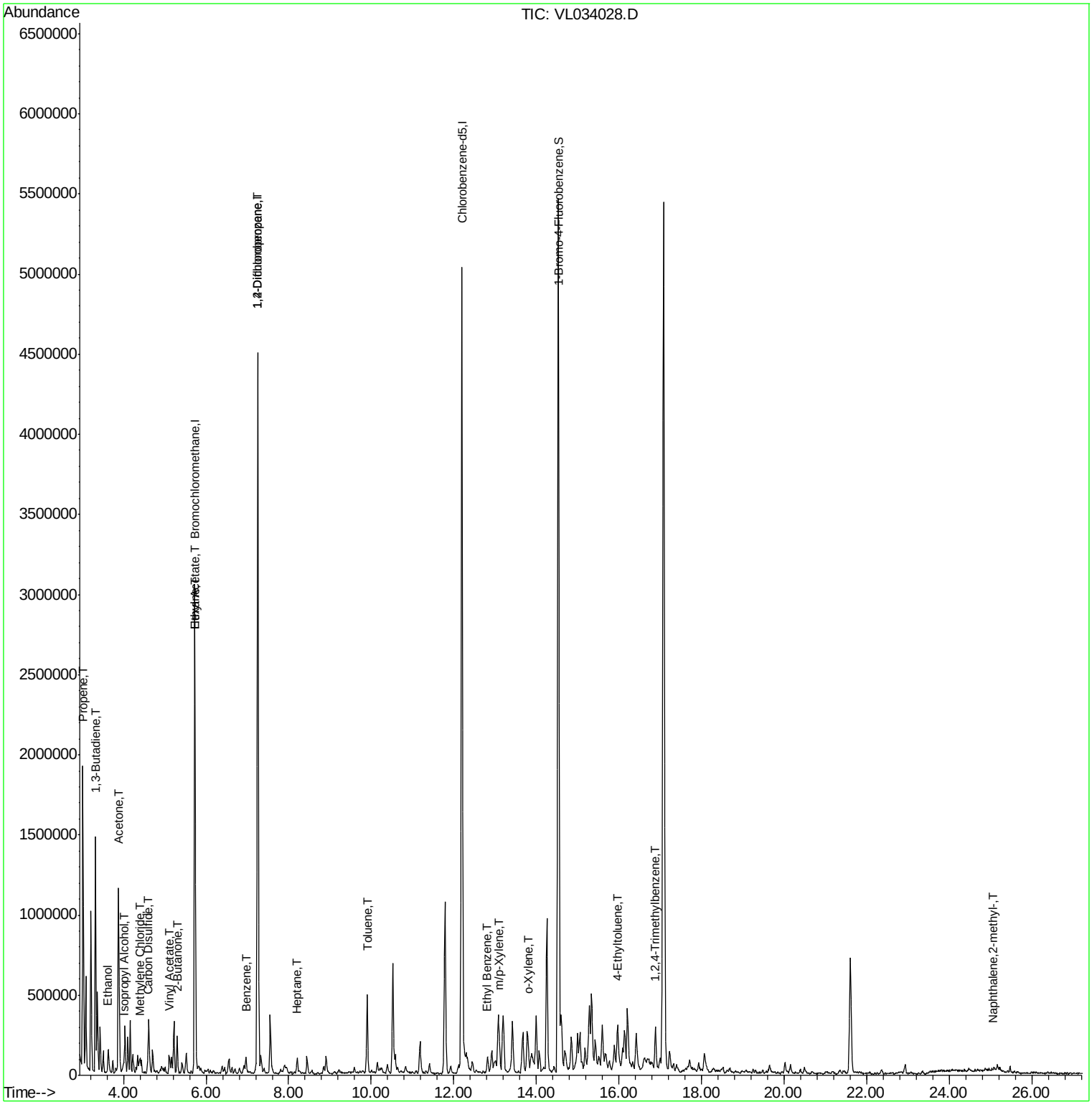
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071119\

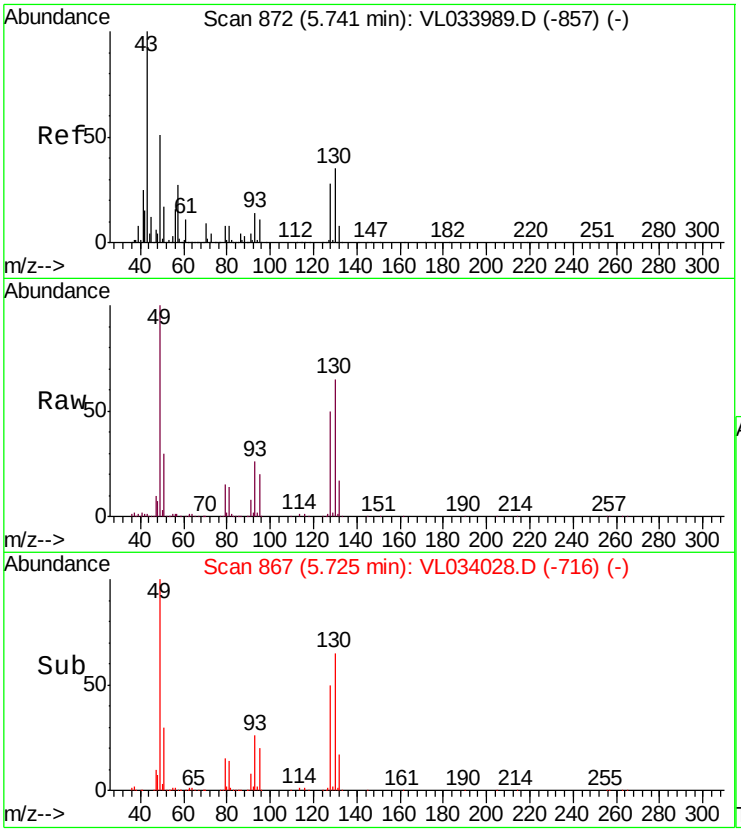
Quantitation Report (Not Reviewed)

Data File : VL034028.D
Acq On : 11 Jul 2019 22:04
Operator : SY/AP
Sample : K3747-03DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : NVS-1DL

Quant Time: Jul 12 07:03:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL070219AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Jul 02 19:31:31 2019
QLast Update : Tue Jul 02 19:31:31 2019
Response via : Initial Calibration



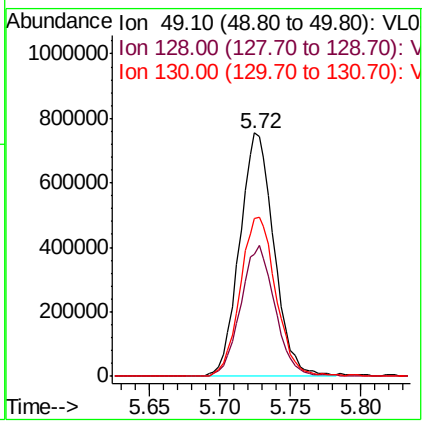


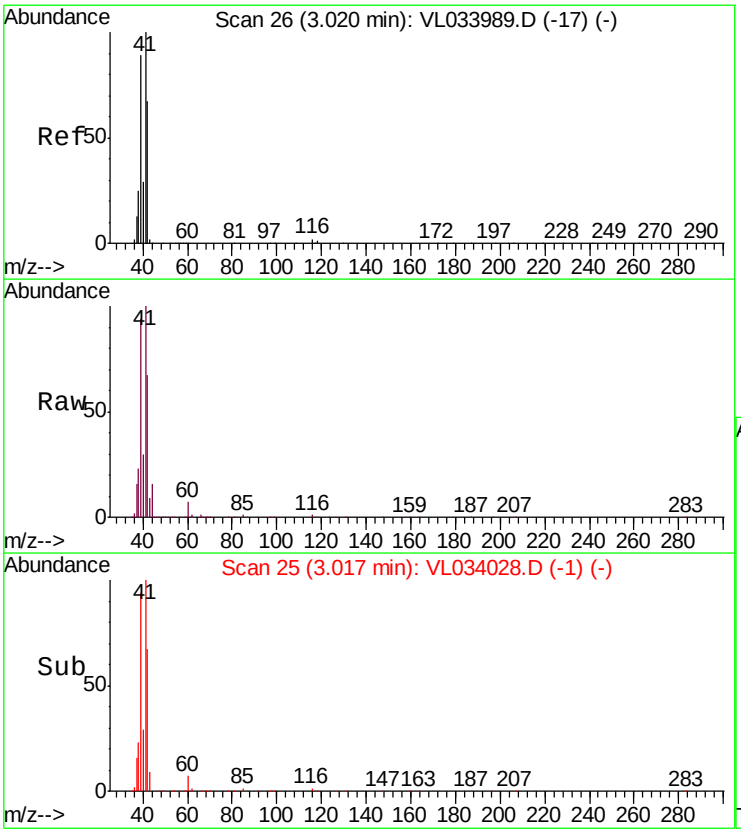
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.72 min Scan# 867
Delta R.T. -0.02 min
Lab File: VL034028.D
Acq: 11 Jul 2019 22:04

Instrument :
MSVOA_L
ClientSampleId :
NVS-1DL

Tgt Ion: 49 Resp: 1288494

Ion	Ratio	Lower	Upper
49	100		
128	53.9	27.9	83.6
130	68.5	35.8	107.4

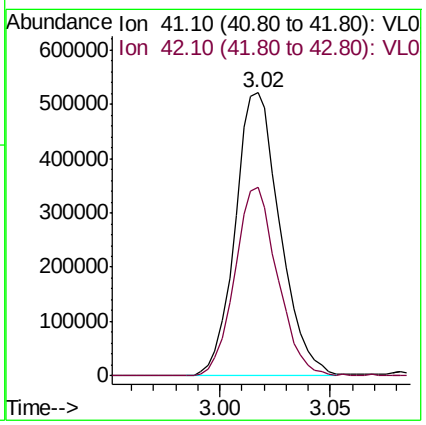


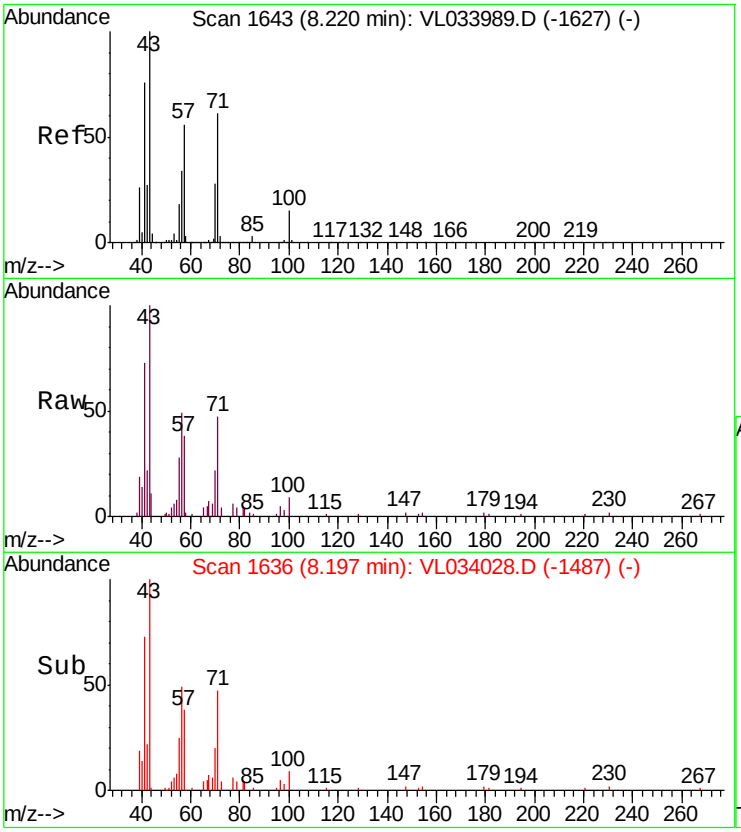


#9
Propene
Concen: 12.523 ppbv
RT: 3.02 min Scan# 25
Delta R.T. -0.00 min
Lab File: VL034028.D
Acq: 11 Jul 2019 22:04

Tgt Ion: 41 Resp: 732993

Ion	Ratio	Lower	Upper
41	100		
42	64.0	57.1	85.7



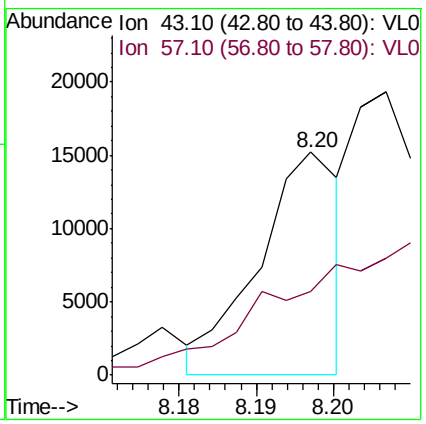


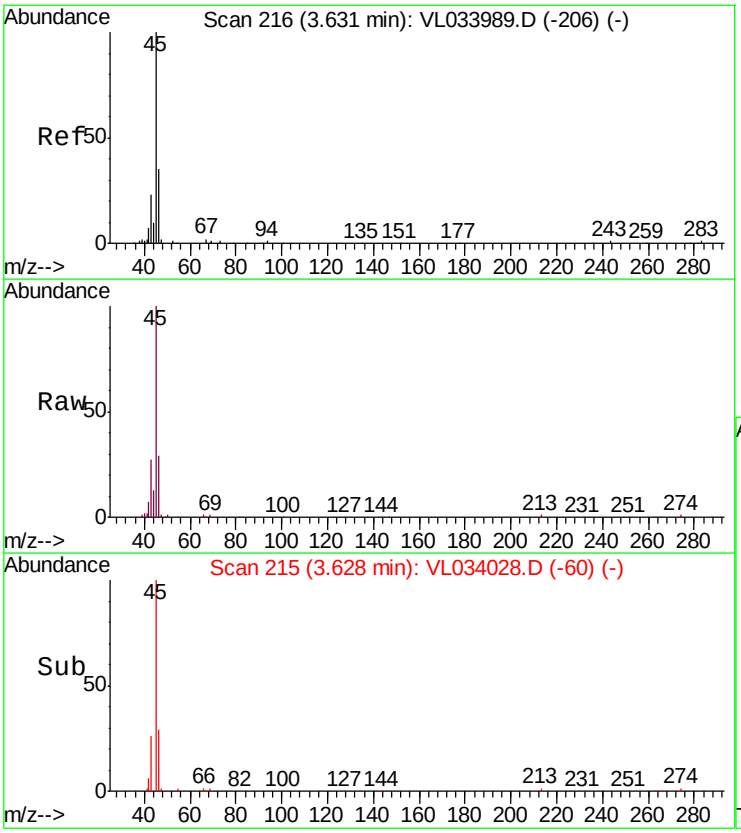
#10
Heptane
Concen: 0.076 ppbv
RT: 8.20 min Scan# 1636
Delta R.T. -0.02 min
Lab File: VL034028.D
Acq: 11 Jul 2019 22:04

Instrument :
MSVOA_L
ClientSampleId :
NVS-1DL

Tgt Ion: 43 Resp: 11159

Ion	Ratio	Lower	Upper
43	100		
57	0.0	44.6	66.8#

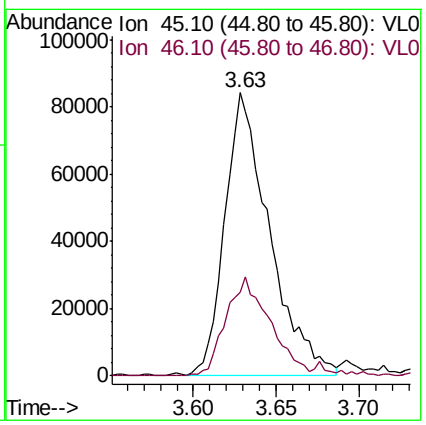


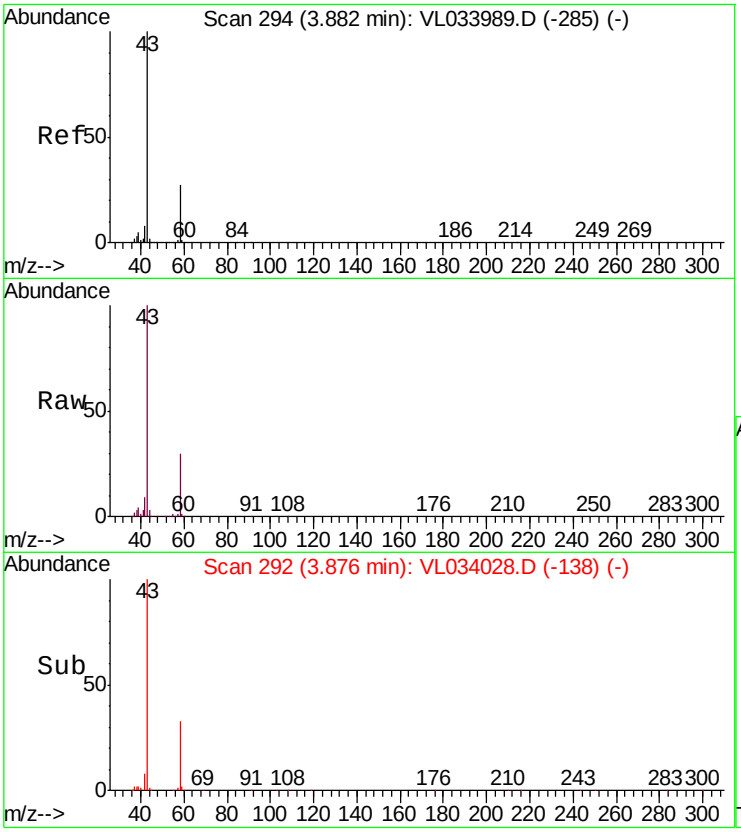


#13
Ethanol
Concen: 8.705 ppbv
RT: 3.63 min Scan# 215
Delta R.T. -0.00 min
Lab File: VL034028.D
Acq: 11 Jul 2019 22:04

Tgt Ion: 45 Resp: 158283

Ion	Ratio	Lower	Upper
45	100		
46	36.5	16.2	64.6



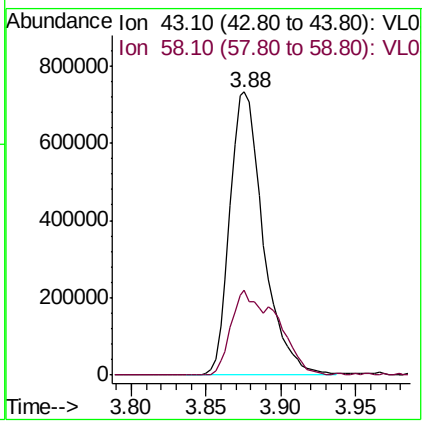


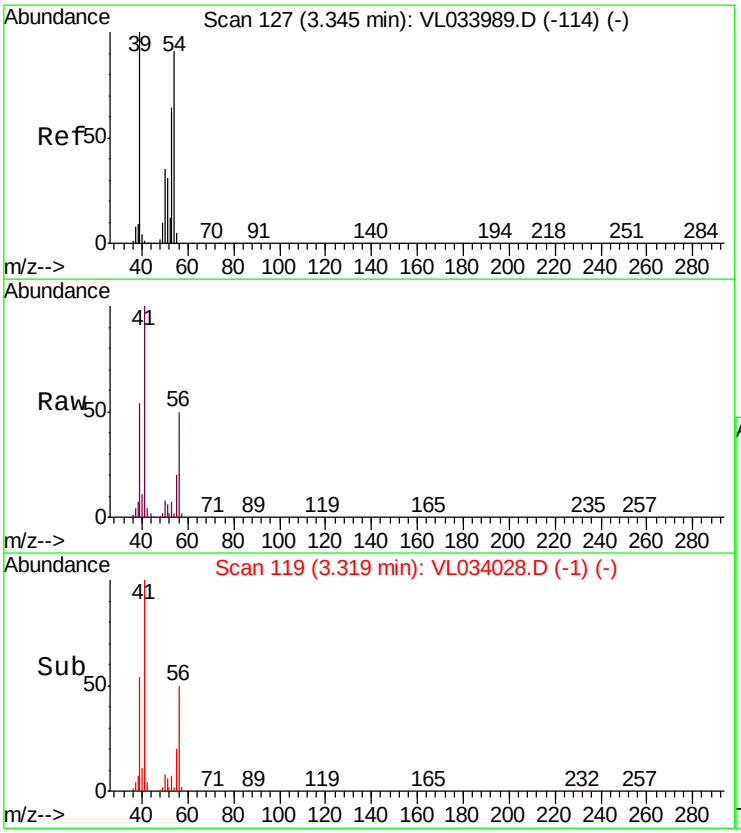
#15
Acetone
Concen: 5.298 ppbv
RT: 3.88 min Scan# 292
Delta R.T. -0.01 min
Lab File: VL034028.D
Acq: 11 Jul 2019 22:04

Instrument : MSVOA_L
ClientSampleId : NVS-1DL

Tgt Ion: 43 Resp: 1147797

Ion	Ratio	Lower	Upper
43	100		
58	41.2	21.4	32.0#

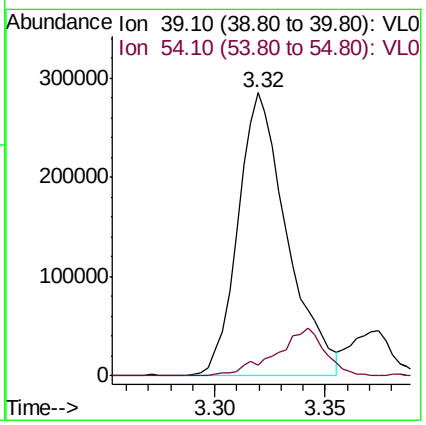


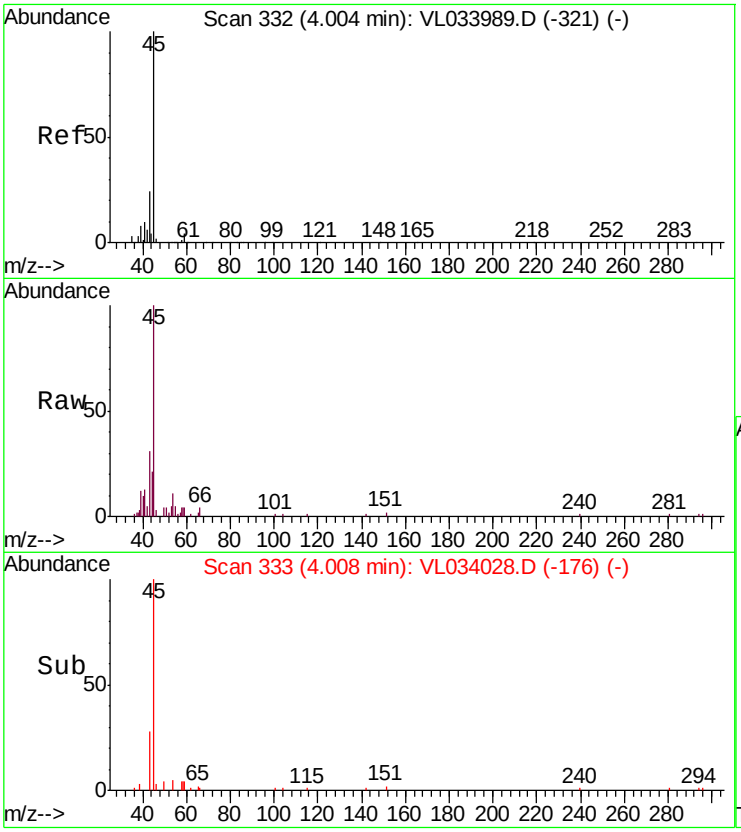


#16
1,3-Butadiene
Concen: 5.769 ppbv
RT: 3.32 min Scan# 119
Delta R.T. -0.03 min
Lab File: VL034028.D
Acq: 11 Jul 2019 22:04

Tgt Ion: 39 Resp: 441309

Ion	Ratio	Lower	Upper
39	100		
54	17.1	71.4	107.2#



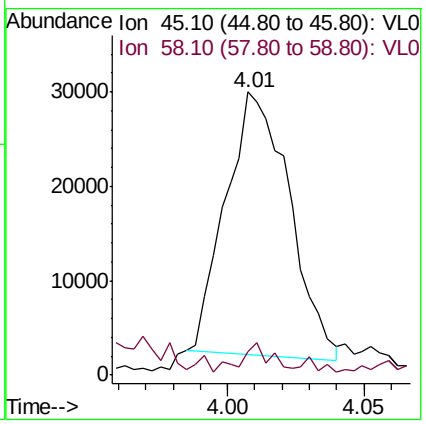


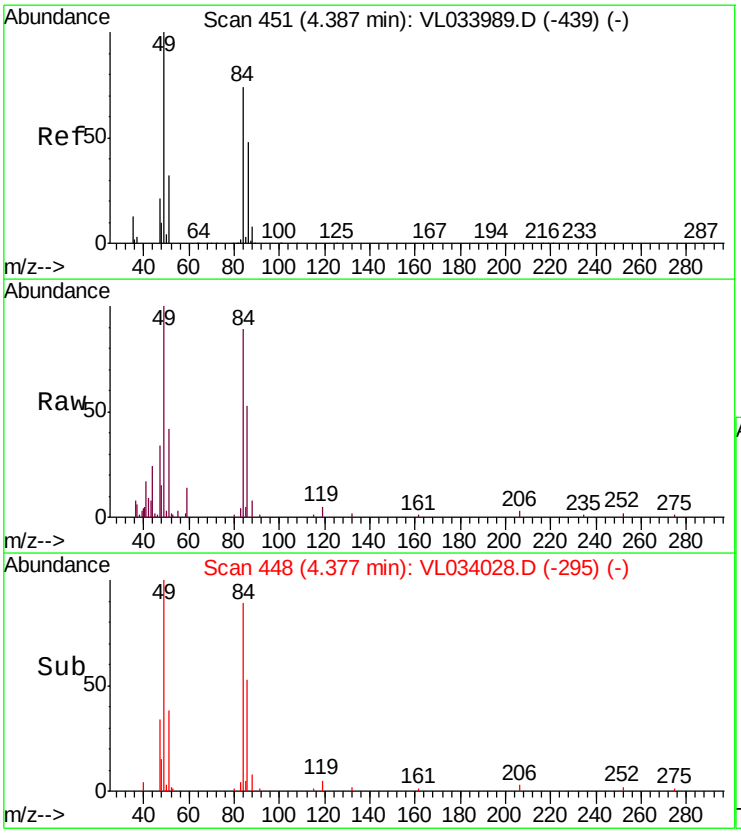
#19
Isopropyl Alcohol
Concen: 0.310 ppbv
RT: 4.01 min Scan# 333
Delta R.T. 0.00 min
Lab File: VL034028.D
Acq: 11 Jul 2019 22:04

Instrument : MSVOA_L
ClientSampleId : NVS-1DL

Tgt Ion: 45 Resp: 45043

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.7	2.5#

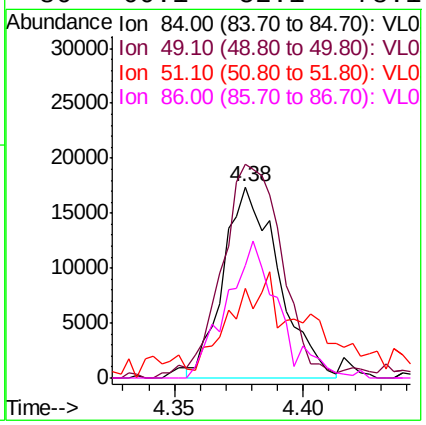


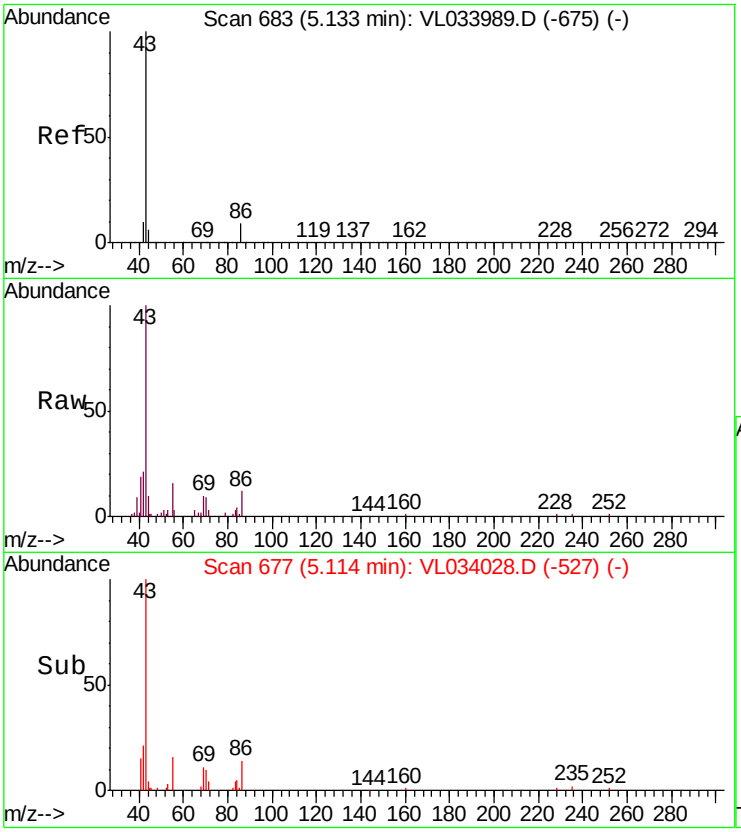


#20
Methylene Chloride
Concen: 0.276 ppbv
RT: 4.38 min Scan# 448
Delta R.T. -0.01 min
Lab File: VL034028.D
Acq: 11 Jul 2019 22:04

Tgt Ion: 84 Resp: 26069

Ion	Ratio	Lower	Upper
84	100		
49	111.2	107.6	161.4
51	43.0	35.0	52.6
86	60.1	52.1	78.1



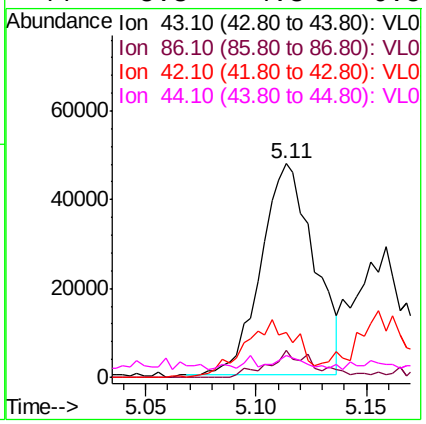


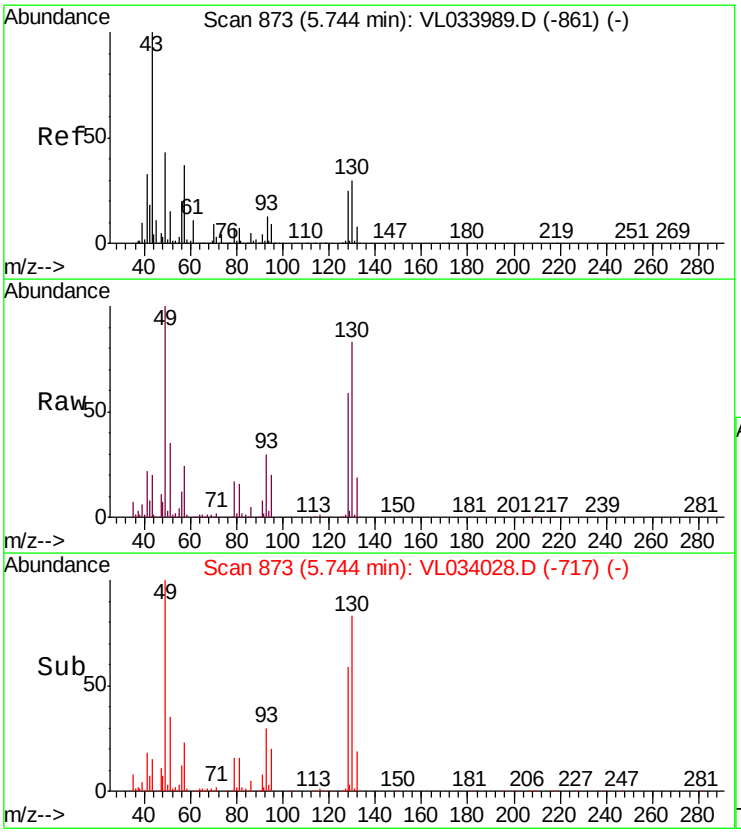
#23
Vinyl Acetate
Concen: 0.367 ppbv
RT: 5.11 min Scan# 677
Delta R.T. -0.02 min
Lab File: VL034028.D
Acq: 11 Jul 2019 22:04

Instrument : MSVOA_L
ClientSampleId : NVS-1DL

Tgt Ion: 43 Resp: 79306

Ion	Ratio	Lower	Upper
43	100		
86	12.5	6.6	9.8#
42	21.1	8.3	12.5#
44	5.3	4.3	6.5

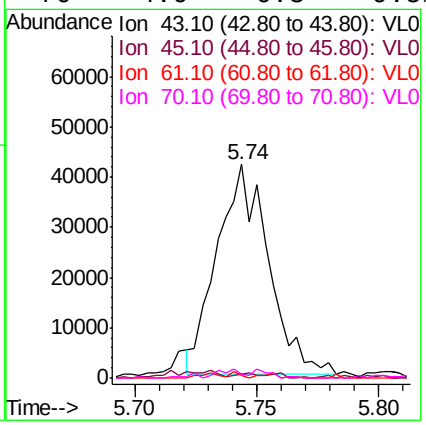


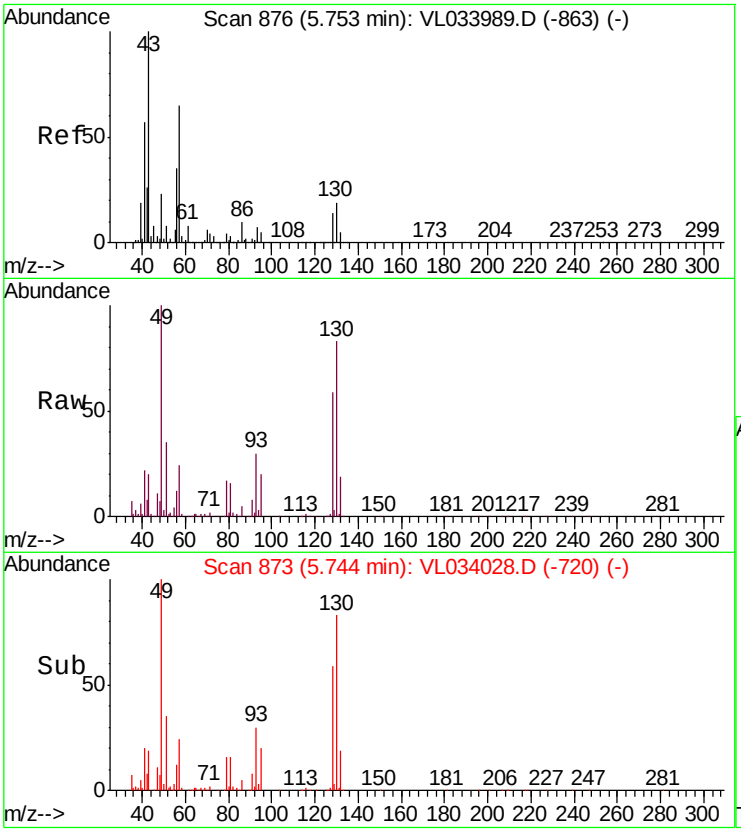


#25
Ethyl Acetate
Concen: 0.206 ppbv
RT: 5.74 min Scan# 873
Delta R.T. 0.00 min
Lab File: VL034028.D
Acq: 11 Jul 2019 22:04

Tgt Ion: 43 Resp: 61063

Ion	Ratio	Lower	Upper
43	100		
45	1.6	8.1	12.1#
61	2.1	8.1	12.1#
70	4.0	6.3	9.5#



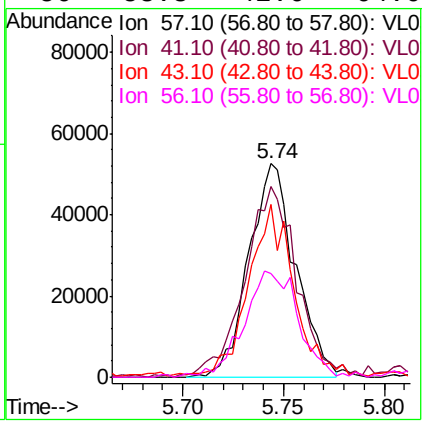


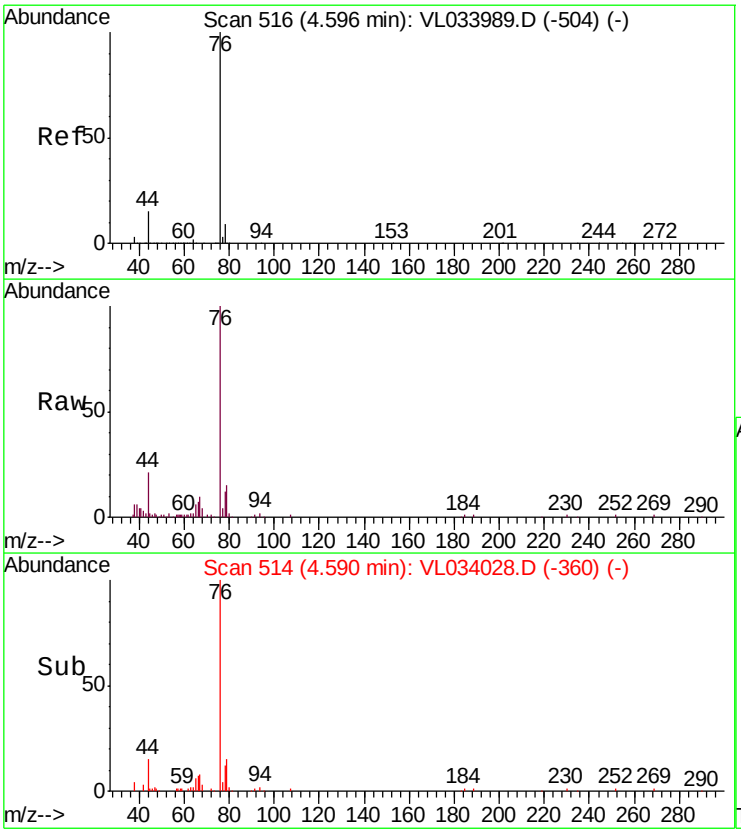
#26
Hexane
Concen: 0.625 ppbv
RT: 5.74 min Scan# 873
Delta R.T. -0.01 min
Lab File: VL034028.D
Acq: 11 Jul 2019 22:04

Instrument : MSVOA_L
ClientSampleId : NVS-1DL

Tgt Ion: 57 Resp: 84798

Ion	Ratio	Lower	Upper
57	100		
41	100.3	70.6	105.8
43	78.5	177.6	266.4#
56	58.8	42.6	64.0

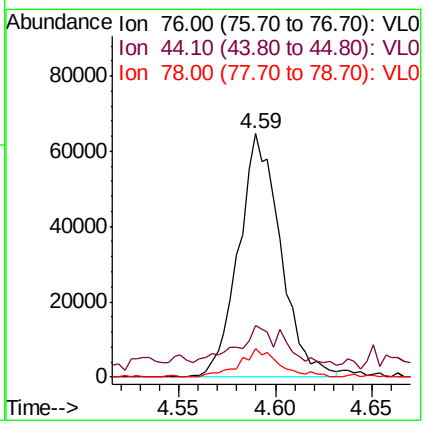


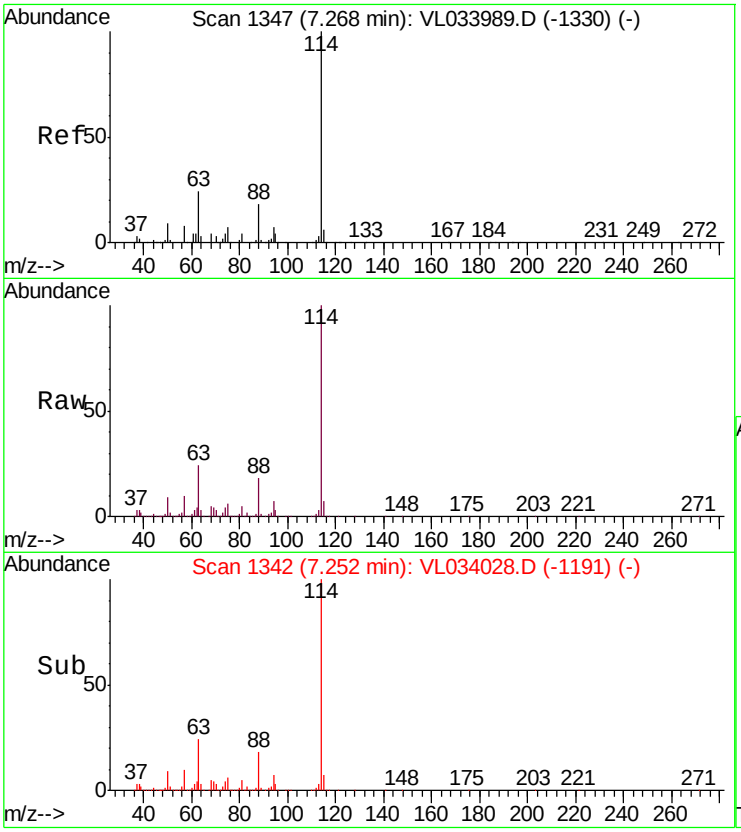


#27
Carbon Disulfide
Concen: 0.422 ppbv
RT: 4.59 min Scan# 514
Delta R.T. -0.01 min
Lab File: VL034028.D
Acq: 11 Jul 2019 22:04

Tgt Ion: 76 Resp: 97337

Ion	Ratio	Lower	Upper
76	100		
44	31.9	12.6	18.8#
78	11.6	7.2	10.8#



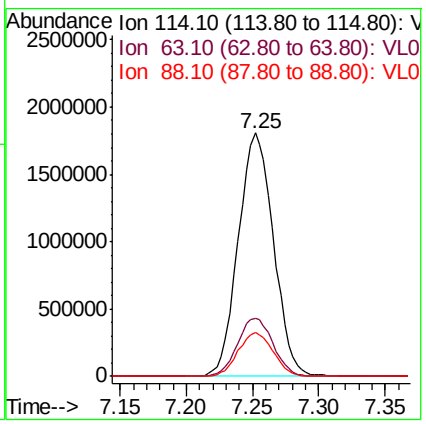


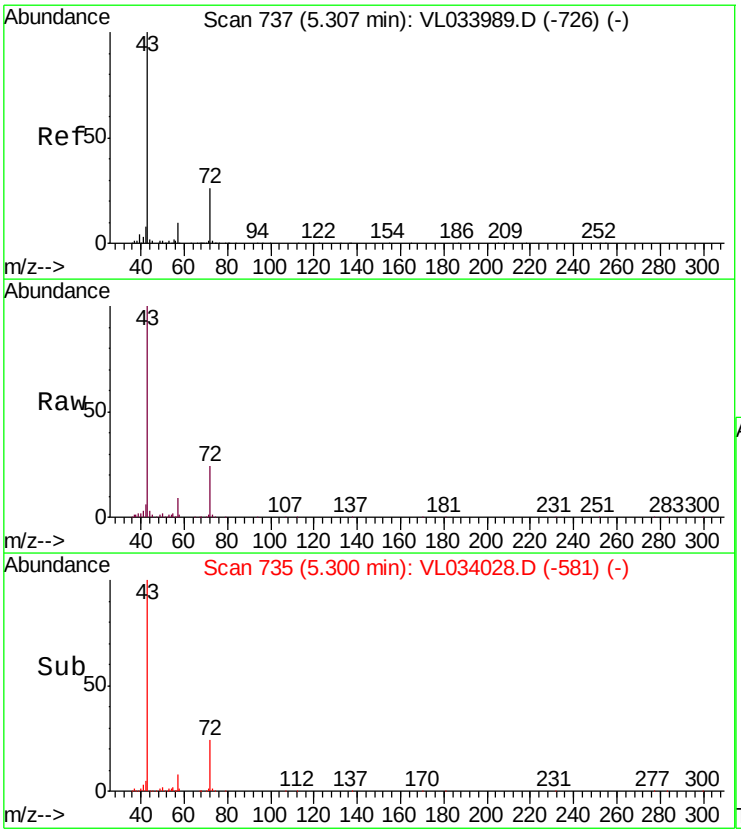
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.25 min Scan# 1342
Delta R.T. -0.02 min
Lab File: VL034028.D
Acq: 11 Jul 2019 22:04

Instrument :
MSVOA_L
ClientSampleId :
NVS-1DL

Tgt Ion:114 Resp: 3337863

Ion	Ratio	Lower	Upper
114	100		
63	24.3	20.2	30.2
88	18.0	14.1	21.1

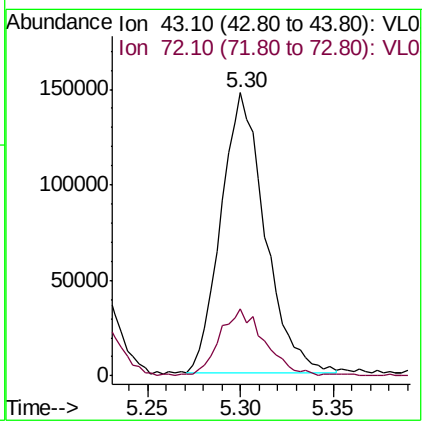


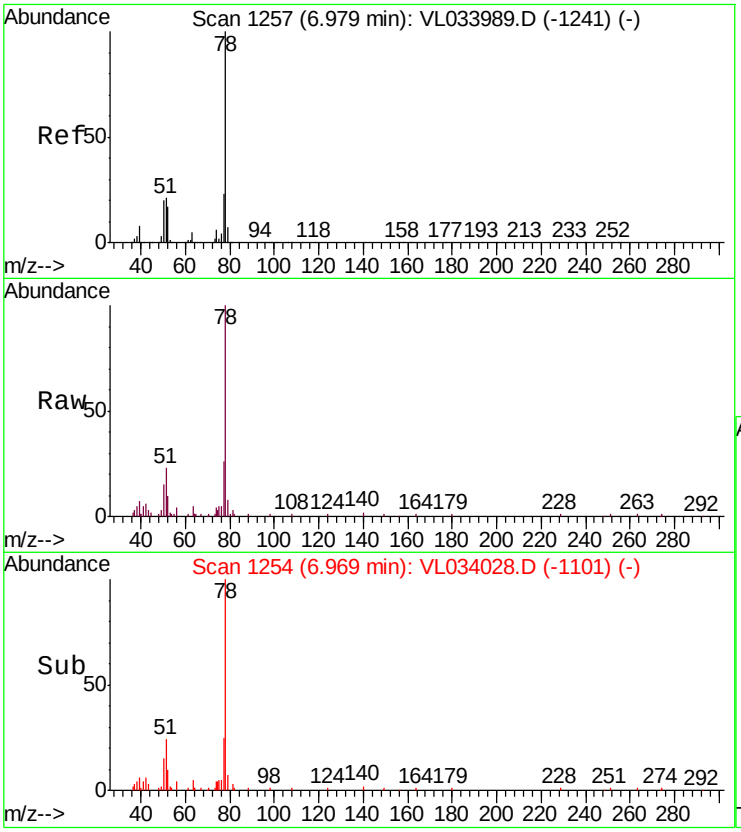


#34
2-Butanone
Concen: 1.374 ppbv
RT: 5.30 min Scan# 735
Delta R.T. -0.01 min
Lab File: VL034028.D
Acq: 11 Jul 2019 22:04

Tgt Ion: 43 Resp: 242656

Ion	Ratio	Lower	Upper
43	100		
72	24.9	19.9	29.9



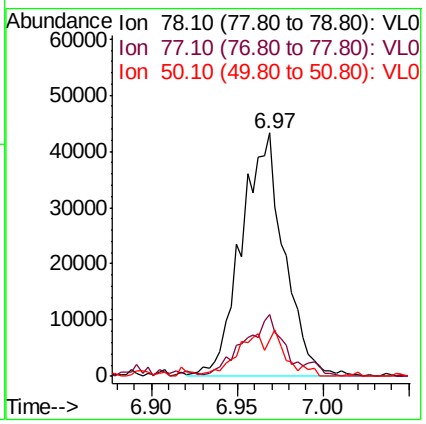


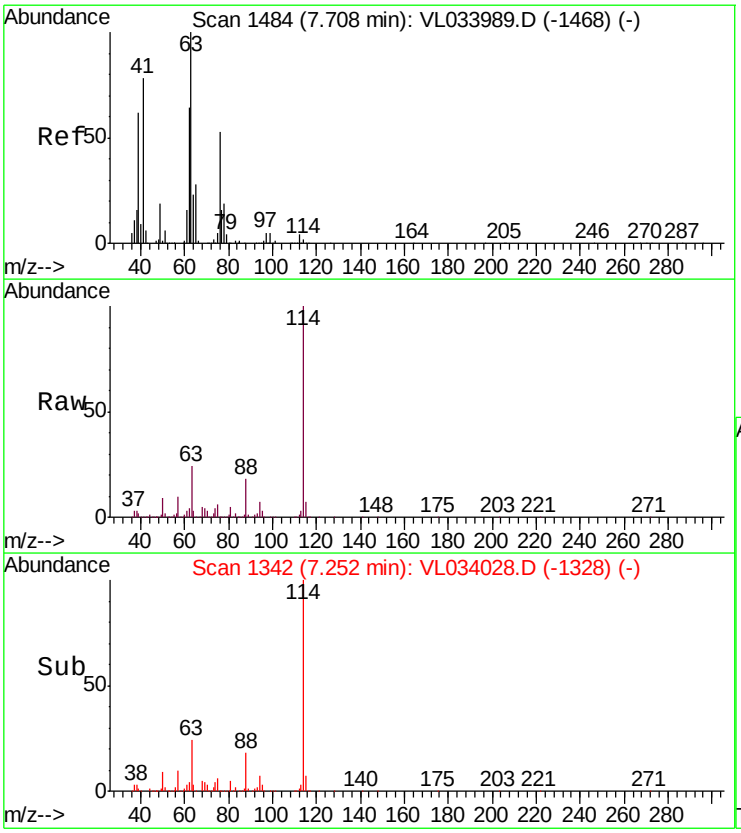
#36
Benzene
Concen: 0.287 ppbv
RT: 6.97 min Scan# 1254
Delta R.T. -0.01 min
Lab File: VL034028.D
Acq: 11 Jul 2019 22:04

Instrument : MSVOA_L
ClientSampleId : NVS-1DL

Tgt Ion: 78 Resp: 74952

Ion	Ratio	Lower	Upper
78	100		
77	24.9	18.7	28.1
50	15.0	16.2	24.2#

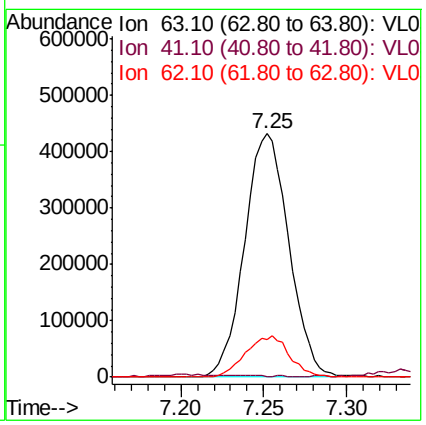


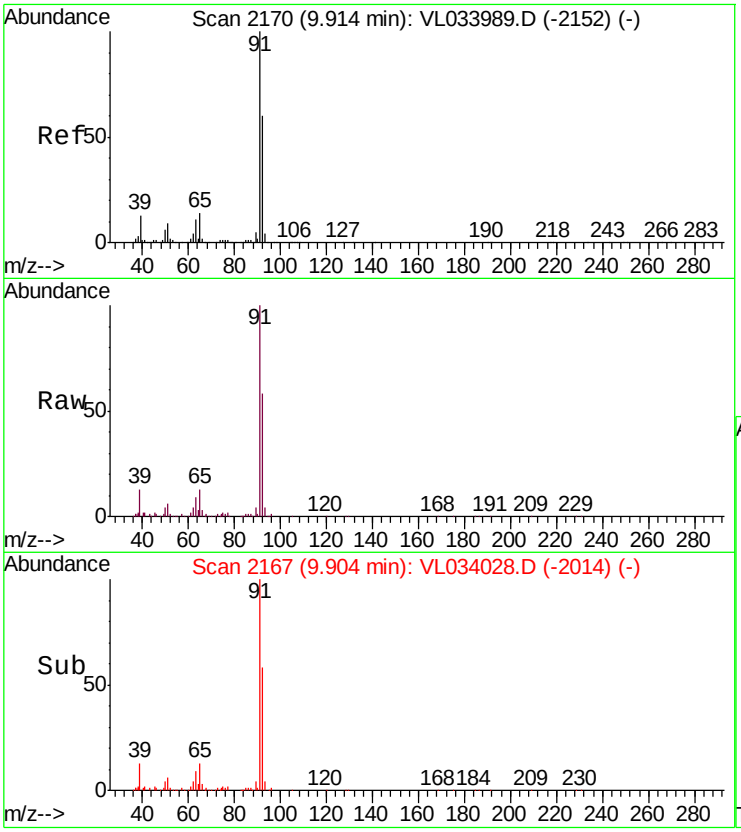


#39
1,2-Dichloropropane
Concen: 8.277 ppbv
RT: 7.25 min Scan# 1342
Delta R.T. -0.46 min
Lab File: VL034028.D
Acq: 11 Jul 2019 22:04

Tgt Ion: 63 Resp: 803881

Ion	Ratio	Lower	Upper
63	100		
41	0.0	62.3	93.5#
62	15.1	51.4	77.2#



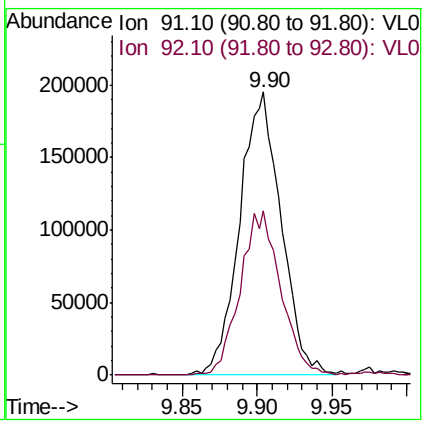


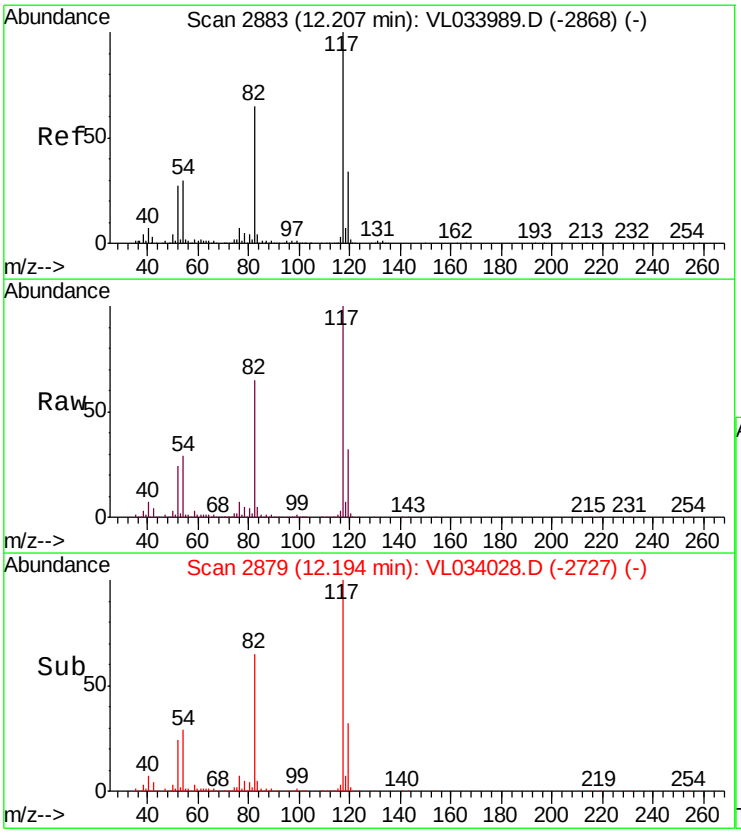
#53
Toluene
Concen: 1.260 ppbv
RT: 9.90 min Scan# 2167
Delta R.T. -0.01 min
Lab File: VL034028.D
Acq: 11 Jul 2019 22:04

Instrument : MSVOA_L
ClientSampleId : NVS-1DL

Tgt Ion: 91 Resp: 376734

Ion	Ratio	Lower	Upper
91	100		
92	56.4	47.7	71.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.19 min Scan# 2879
Delta R.T. -0.01 min
Lab File: VL034028.D
Acq: 11 Jul 2019 22:04

Tgt Ion:117 Resp: 3261558

Ion	Ratio	Lower	Upper
117	100		
82	65.4	50.8	76.2
119	33.1	24.0	36.0