Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052819\
Data File : VL033829.D
Acq On : 29 May 2019 8:17
Operator : SY/AP
Sample : K2960-01DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3010-25DL

Quant Time: May 29 08:58:32 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	817679	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	1873906	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	1762047	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1423745	9.97	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.70%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.99	51	2201	0.023	ppbv	99
4) Chloromethane	3.17	50	562	0.010	ppbv #	76
9) Propene	3.04	41	30609	0.768	ppbv	92
10) Heptane	8.24	43	1623	0.014	ppbv	88
13) Ethanol	3.67	45	10323	0.802	ppbv	87
15) Acetone	3.90	43	437725	3.858	ppbv	99
16) 1,3-Butadiene	3.35	39	26443	0.585	ppbv #	25
17) tert-Butyl alcohol	4.38	59	1093	0.012	ppbv #	72
19) Isopropyl Alcohol	4.06	45	3464	0.047	ppbv #	94
20) Methylene Chloride	4.40	84	3107	0.071	ppbv #	80
26) Hexane	5.77	57	2399	0.028	ppbv #	1
27) Carbon Disulfide	4.62	76	4042	0.034	ppbv #	1
30) Cyclohexane	7.27	84	2962	0.041	ppbv #	1
39) 1,2-Dichloropropane	7.28	63	487478	7.670	ppbv #	23
53) Toluene	9.94	91	18486	0.101	ppbv	92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052819\
Data File : VL033829.D
Acq On : 29 May 2019 8:17
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Sample : K2960-01DL 40X
Misc : 400ml/MSVOA_L
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Instrument : MSVOA_L
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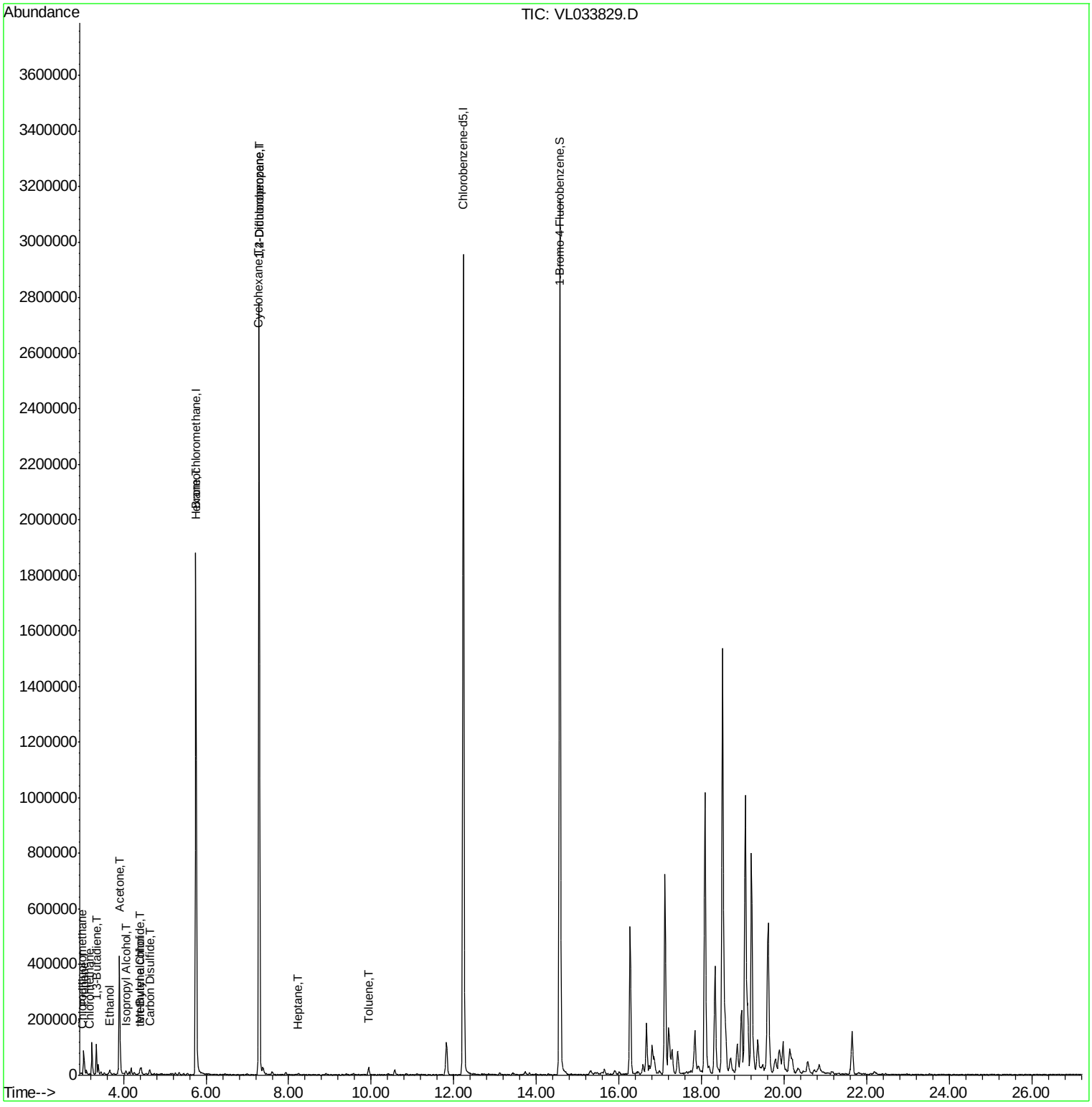
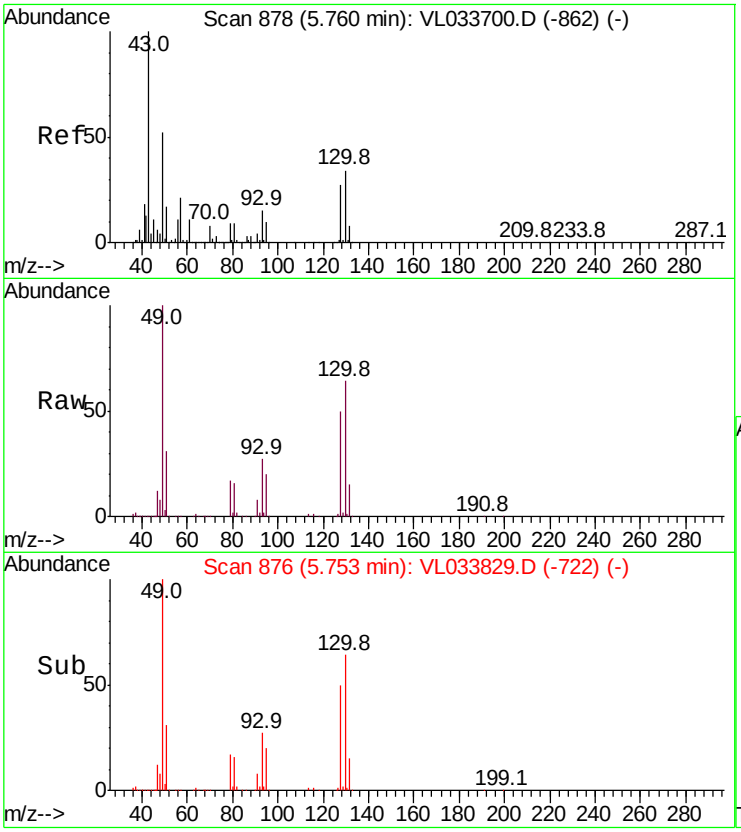
Quant Time: May 29 08:58:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri May 17 08:15:41 2019
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration



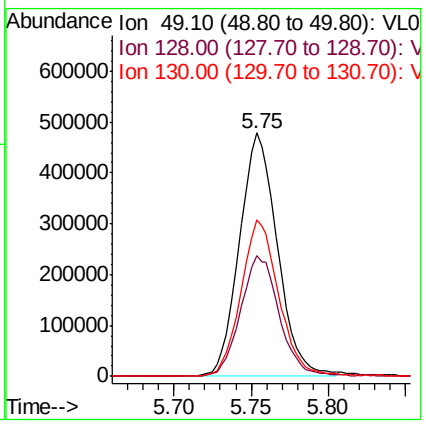


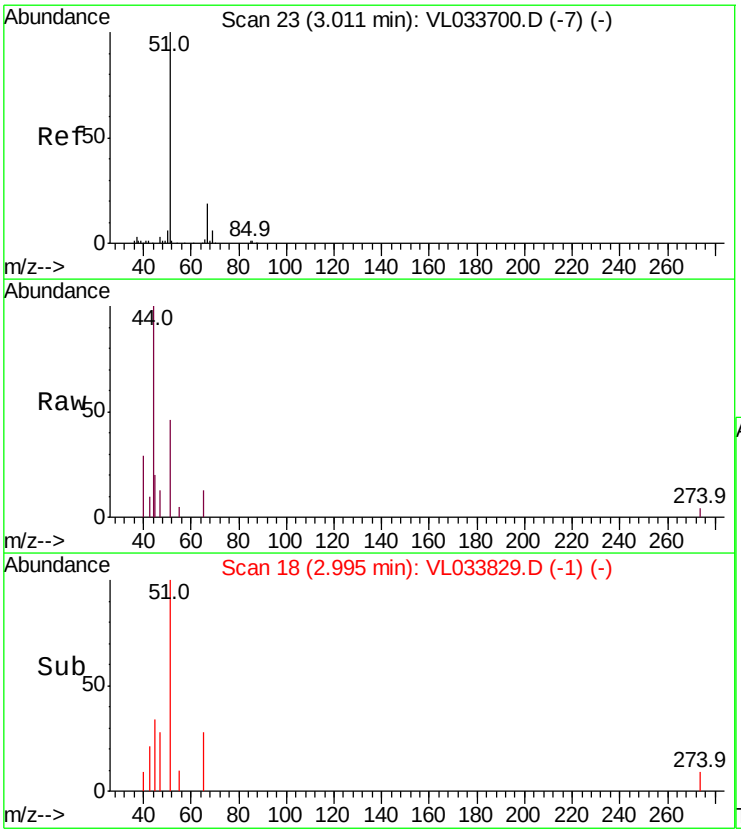
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.75 min Scan# 876
Delta R.T. -0.01 min
Lab File: VL033829.D
Acq: 29 May 2019 8:17

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3010-25DL

Tgt Ion: 49 Resp: 817679

Ion	Ratio	Lower	Upper
49	100		
128	50.9	25.2	75.6
130	64.7	32.5	97.5

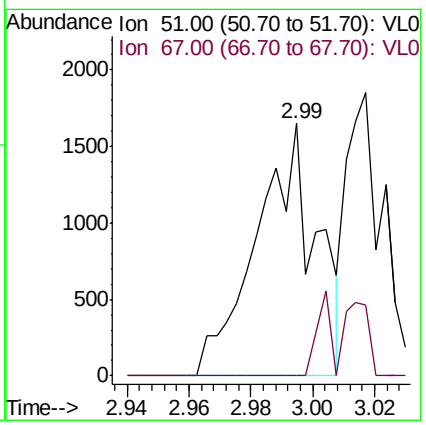


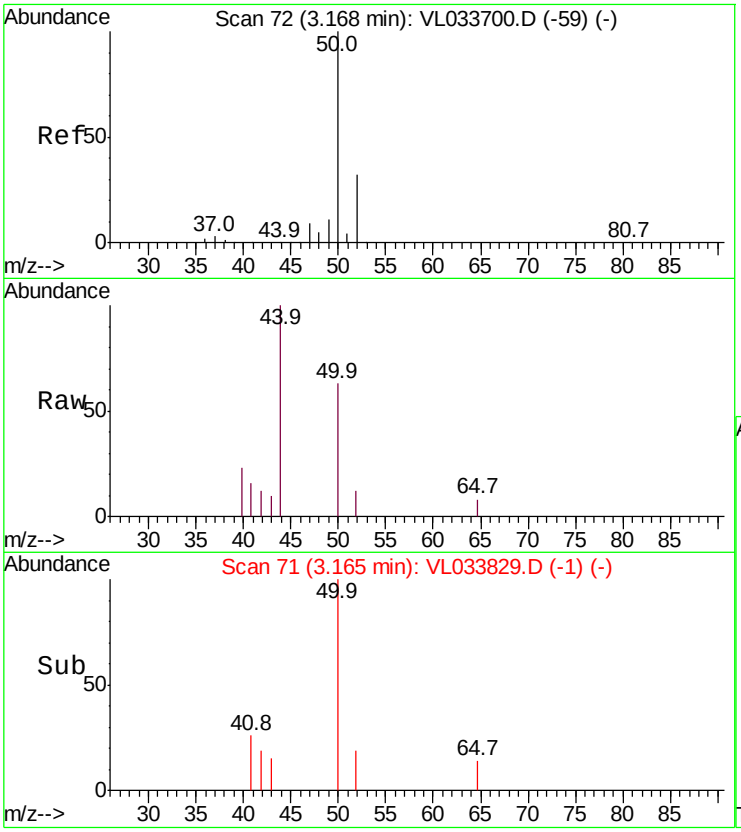


#3
Chlorodifluoromethane
Concen: 0.023 ppbv
RT: 2.99 min Scan# 18
Delta R.T. -0.02 min
Lab File: VL033829.D
Acq: 29 May 2019 8:17

Tgt Ion: 51 Resp: 2201

Ion	Ratio	Lower	Upper
51	100		
67	19.3	15.6	23.4



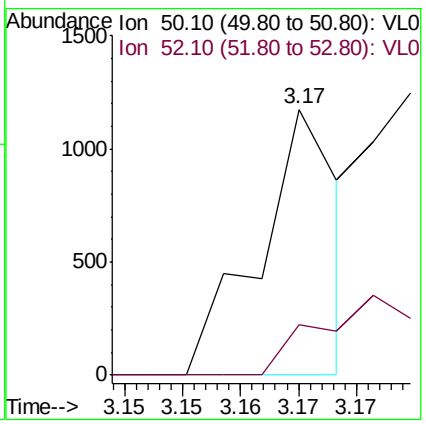


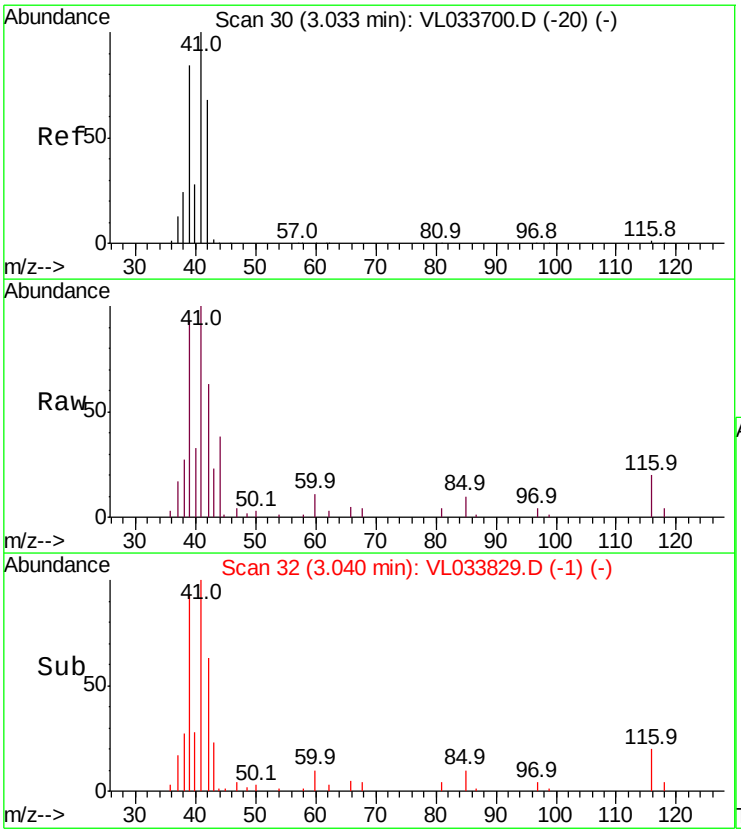
#4
Chloromethane
Concen: 0.010 ppbv
RT: 3.17 min Scan# 71
Delta R.T. -0.00 min
Lab File: VL033829.D
Acq: 29 May 2019 8:17

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3010-25DL

Tgt Ion: 50 Resp: 562

Ion	Ratio	Lower	Upper
50	100		
52	18.7	25.7	38.5#

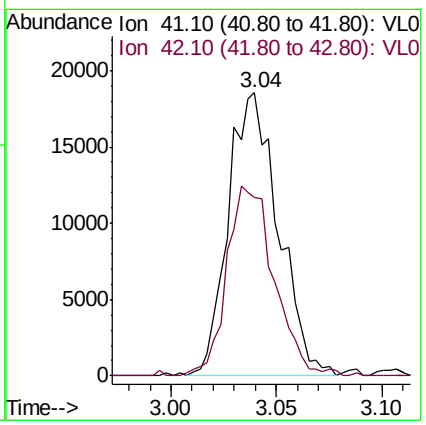


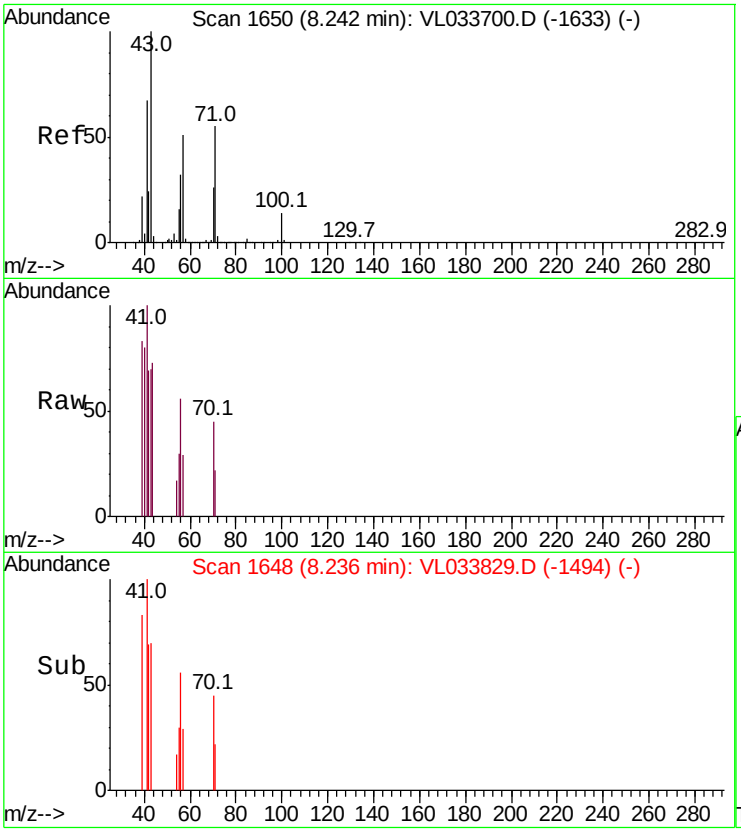


#9
Propene
Concen: 0.768 ppbv
RT: 3.04 min Scan# 32
Delta R.T. 0.01 min
Lab File: VL033829.D
Acq: 29 May 2019 8:17

Tgt Ion: 41 Resp: 30609

Ion	Ratio	Lower	Upper
41	100		
42	63.5	56.1	84.1



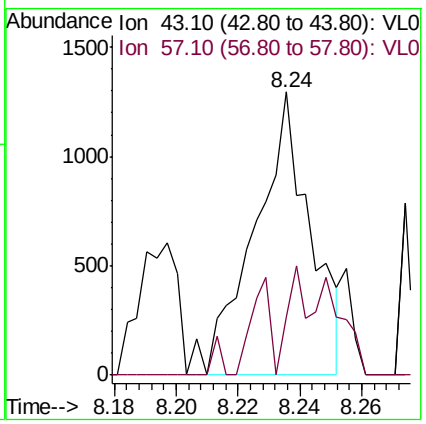


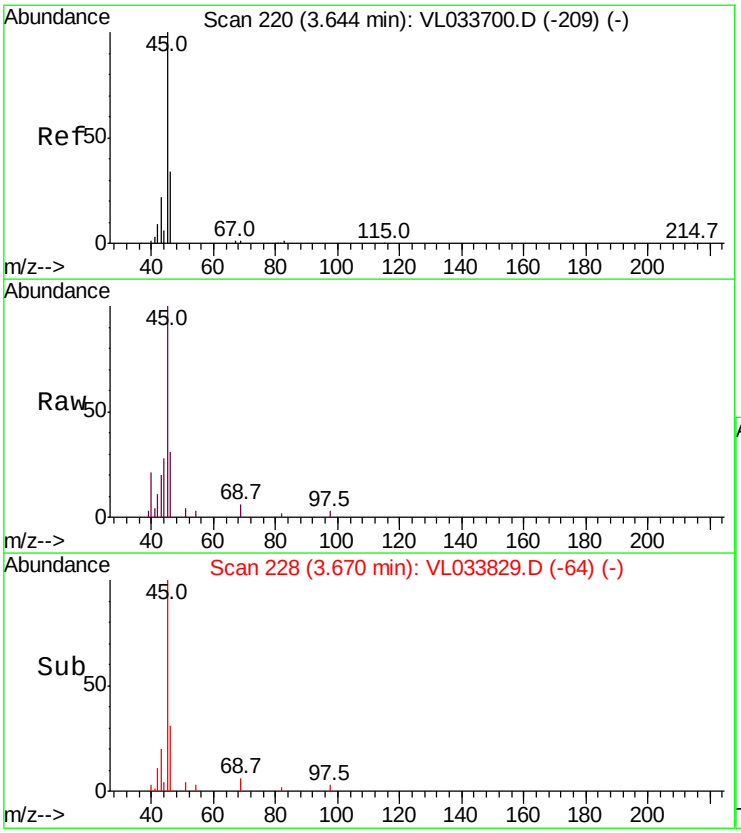
#10
Heptane
Concen: 0.014 ppbv
RT: 8.24 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VL033829.D
Acq: 29 May 2019 8:17

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3010-25DL

Tgt Ion: 43 Resp: 1623

Ion	Ratio	Lower	Upper
43	100		
57	43.4	41.4	62.0

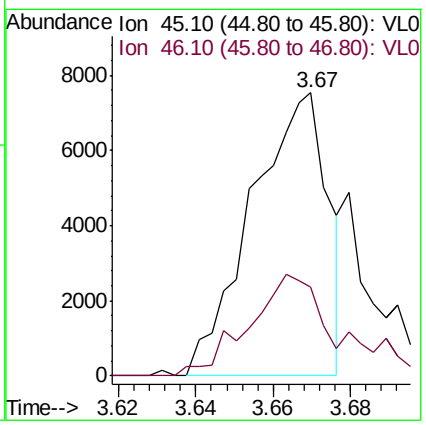


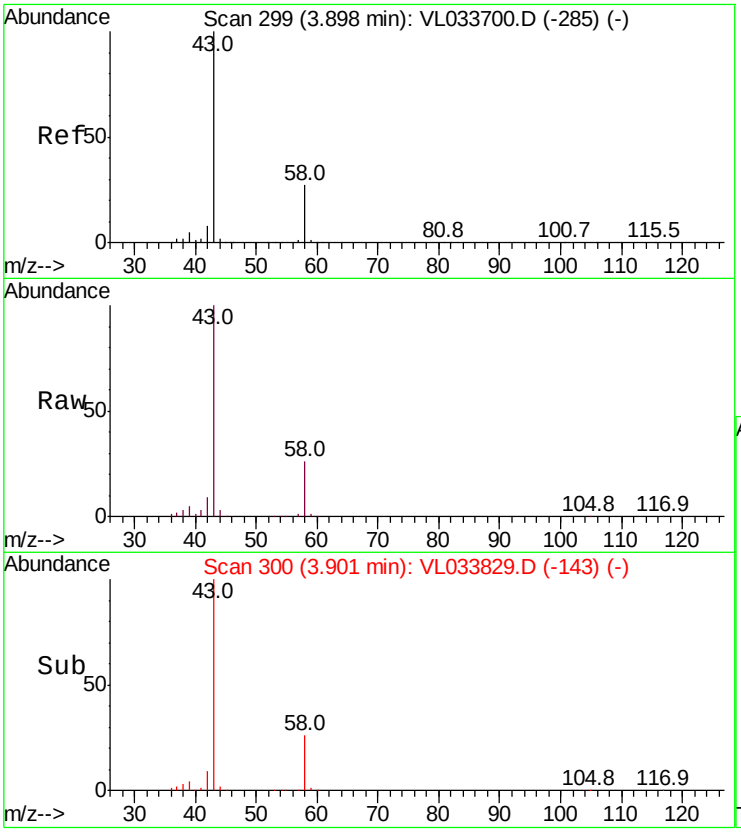


#13
Ethanol
Concen: 0.802 ppbv
RT: 3.67 min Scan# 228
Delta R.T. 0.03 min
Lab File: VL033829.D
Acq: 29 May 2019 8:17

Tgt Ion: 45 Resp: 10323

Ion	Ratio	Lower	Upper
45	100		
46	44.4	14.8	59.0



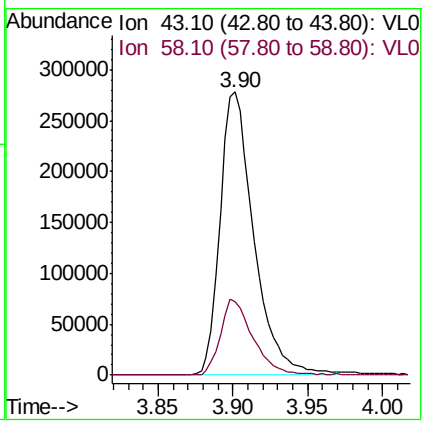


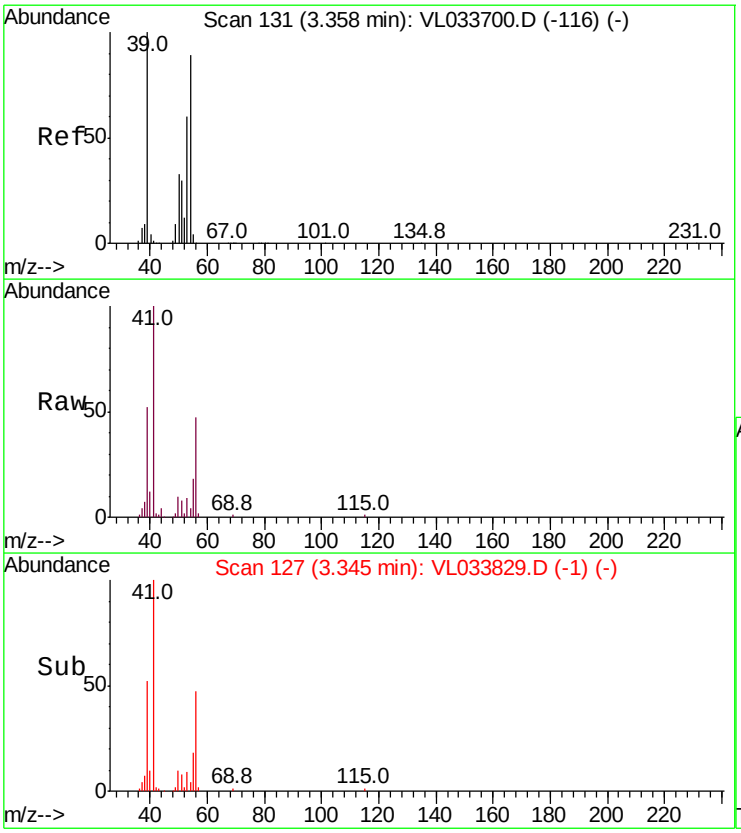
#15
Acetone
Concen: 3.858 ppbv
RT: 3.90 min Scan# 300
Delta R.T. 0.00 min
Lab File: VL033829.D
Acq: 29 May 2019 8:17

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3010-25DL

Tgt Ion: 43 Resp: 437725

Ion	Ratio	Lower	Upper
43	100		
58	26.2	21.3	31.9

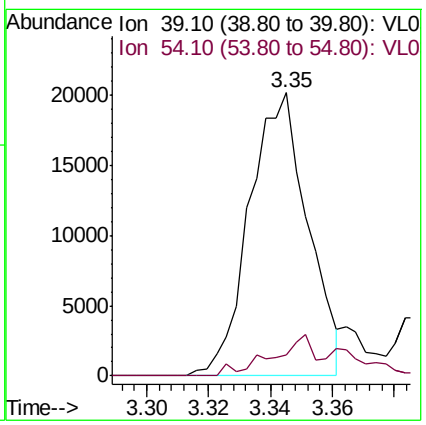


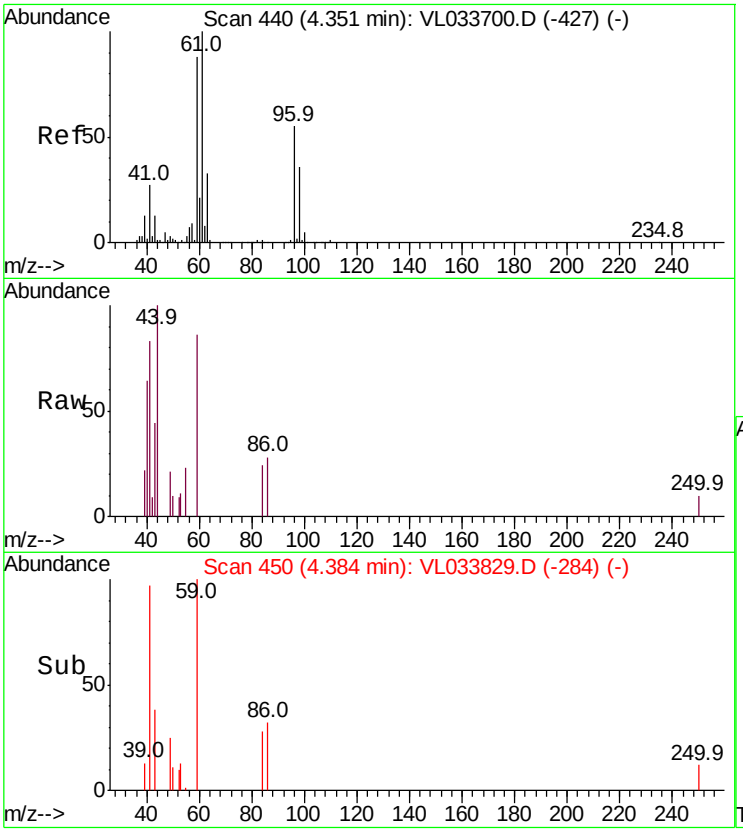


#16
1,3-Butadiene
Concen: 0.585 ppbv
RT: 3.35 min Scan# 127
Delta R.T. -0.01 min
Lab File: VL033829.D
Acq: 29 May 2019 8:17

Tgt Ion: 39 Resp: 26443

Ion	Ratio	Lower	Upper
39	100		
54	17.5	69.0	103.6#



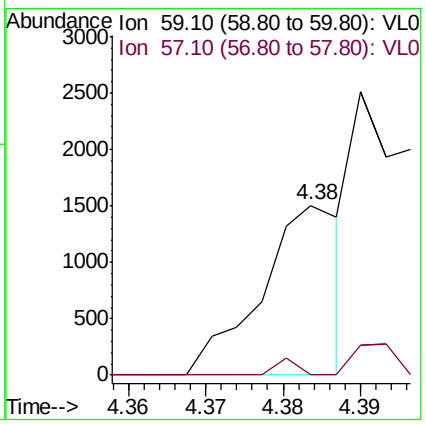


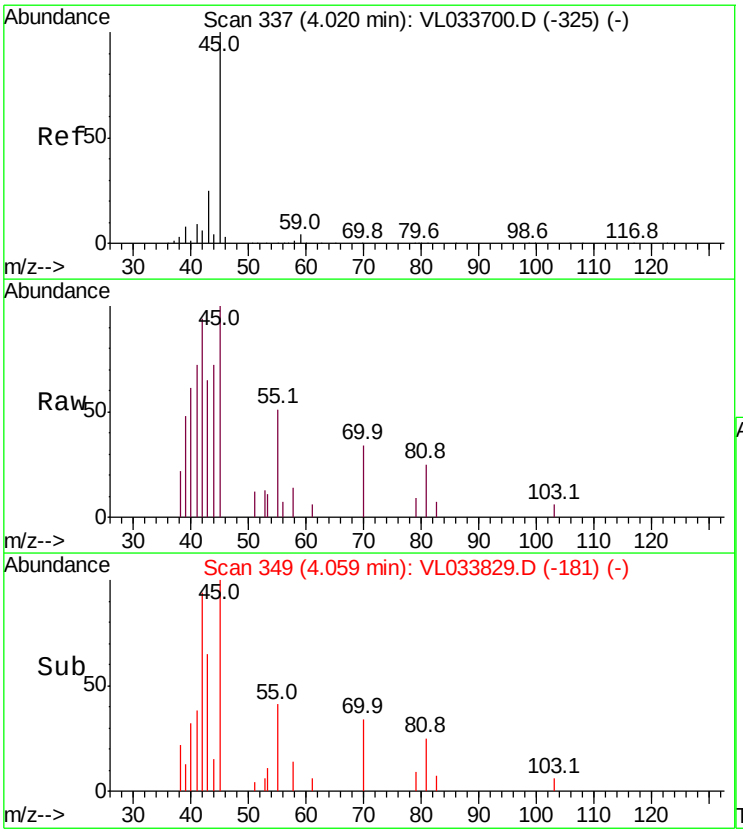
#17
tert-Butyl alcohol
Concen: 0.012 ppbv
RT: 4.38 min Scan# 450
Delta R.T. 0.03 min
Lab File: VL033829.D
Acq: 29 May 2019 8:17

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3010-25DL

Tgt Ion: 59 Resp: 1093

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#

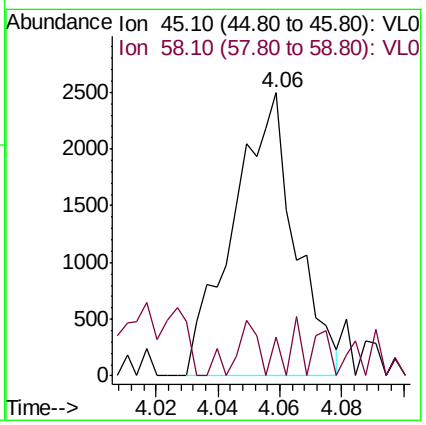


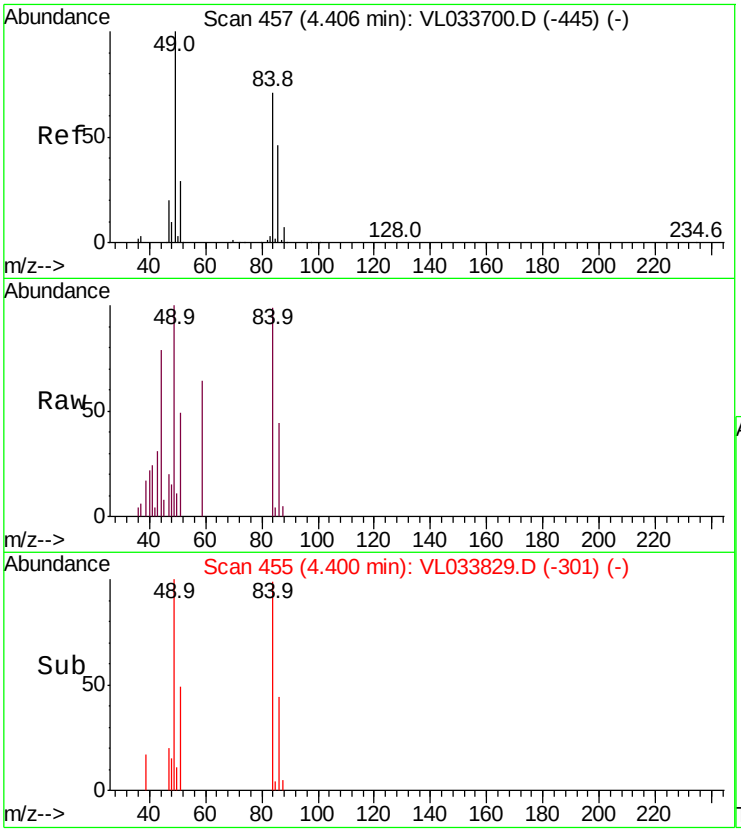


#19
Isopropyl Alcohol
Concen: 0.047 ppbv
RT: 4.06 min Scan# 349
Delta R.T. 0.04 min
Lab File: VL033829.D
Acq: 29 May 2019 8:17

Tgt Ion: 45 Resp: 3464

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.6	2.4#



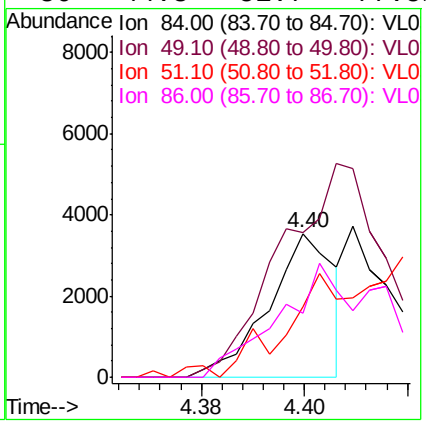


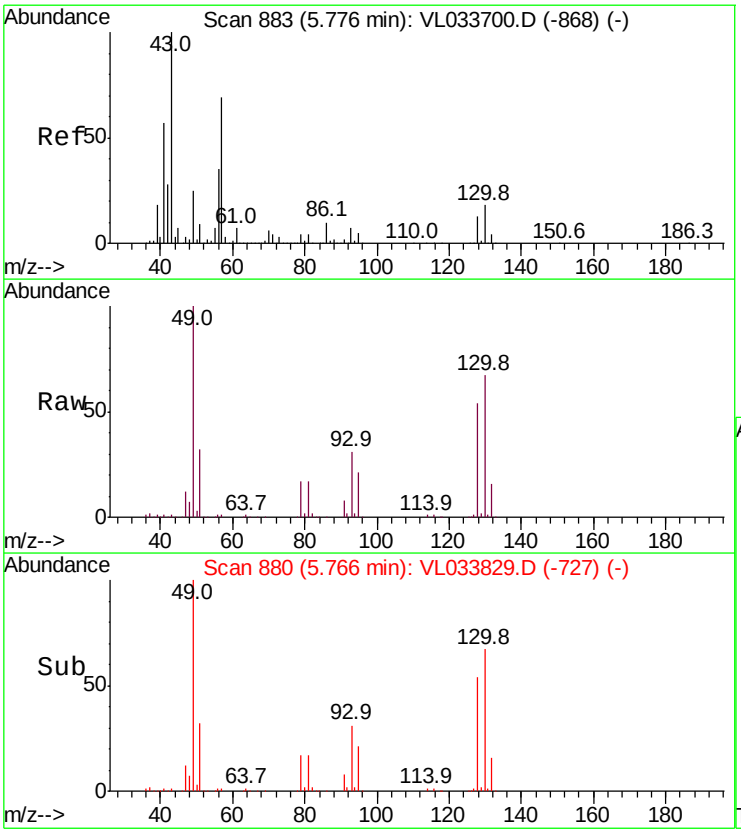
#20
Methylene Chloride
Concen: 0.071 ppbv
RT: 4.40 min Scan# 455
Delta R.T. -0.01 min
Lab File: VL033829.D
Acq: 29 May 2019 8:17

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3010-25DL

Tgt Ion: 84 Resp: 3107

Ion	Ratio	Lower	Upper
84	100		
49	112.0	112.8	169.2#
51	42.2	33.4	50.0
86	44.3	51.7	77.5#

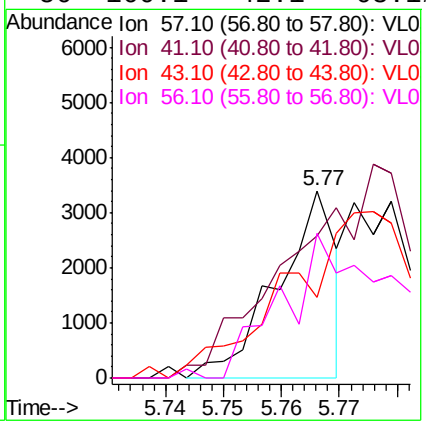


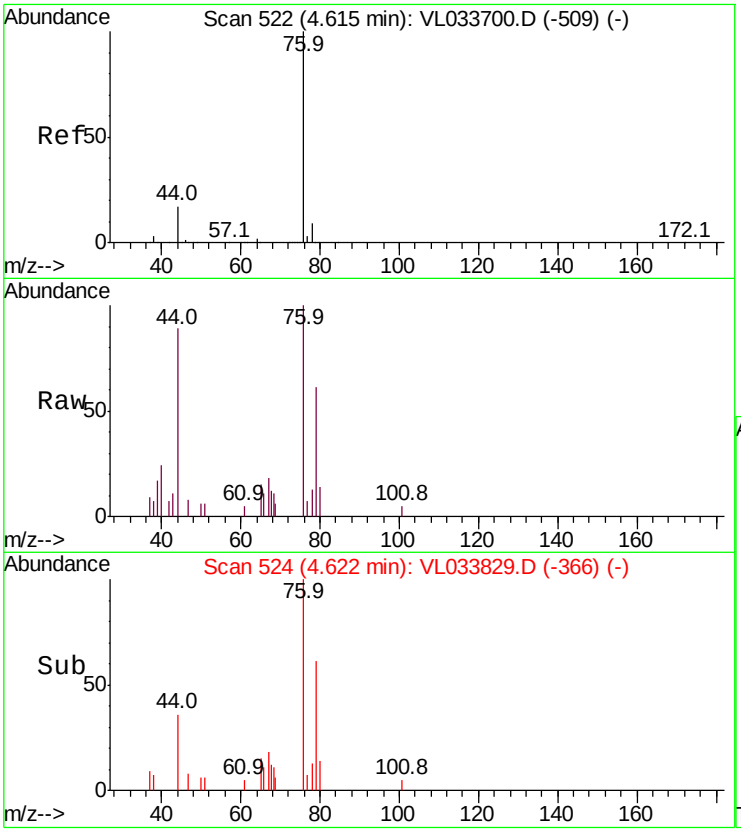


#26
Hexane
Concen: 0.028 ppbv
RT: 5.77 min Scan# 880
Delta R.T. -0.01 min
Lab File: VL033829.D
Acq: 29 May 2019 8:17

Tgt Ion: 57 Resp: 2399

Ion	Ratio	Lower	Upper
57	100		
41	0.0	69.8	104.6#
43	0.0	181.8	272.6#
56	160.1	42.1	63.1#



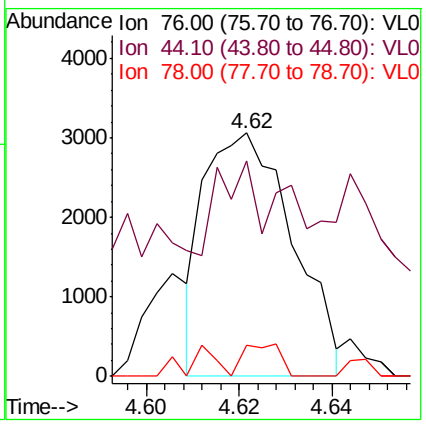


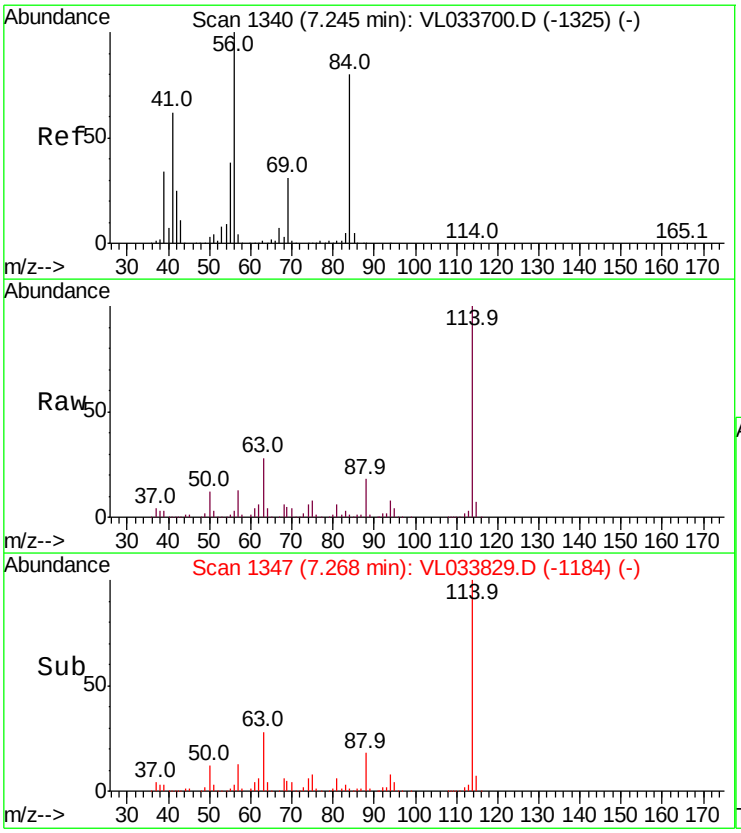
#27
Carbon Disulfide
Concen: 0.034 ppbv
RT: 4.62 min Scan# 524
Delta R.T. 0.01 min
Lab File: VL033829.D
Acq: 29 May 2019 8:17

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3010-25DL

Tgt Ion: 76 Resp: 4042

Ion	Ratio	Lower	Upper
76	100		
44	165.1	13.8	20.8#
78	9.5	7.4	11.0

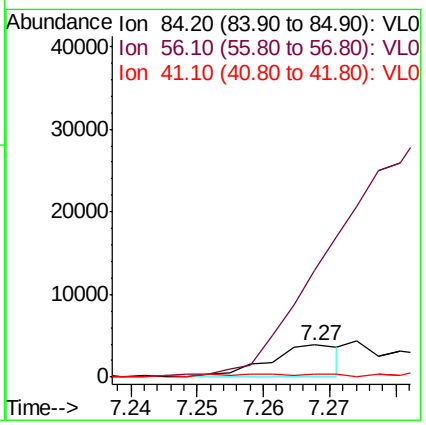


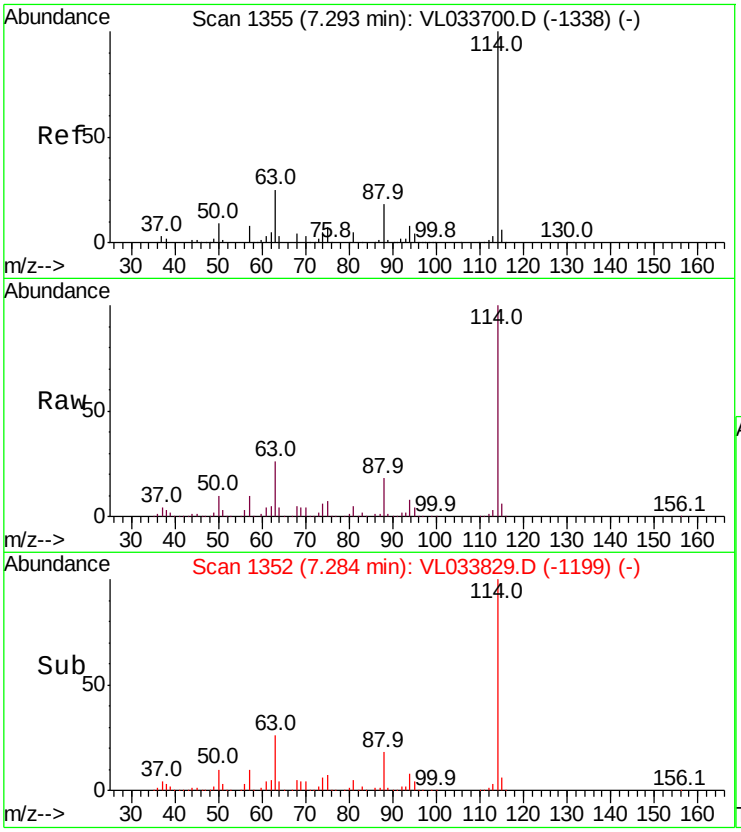


#30
Cyclohexane
Concen: 0.041 ppbv
RT: 7.27 min Scan# 1347
Delta R.T. 0.02 min
Lab File: VL033829.D
Acq: 29 May 2019 8:17

Tgt Ion: 84 Resp: 2962

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



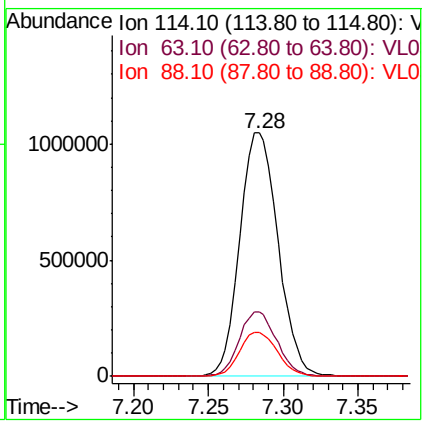


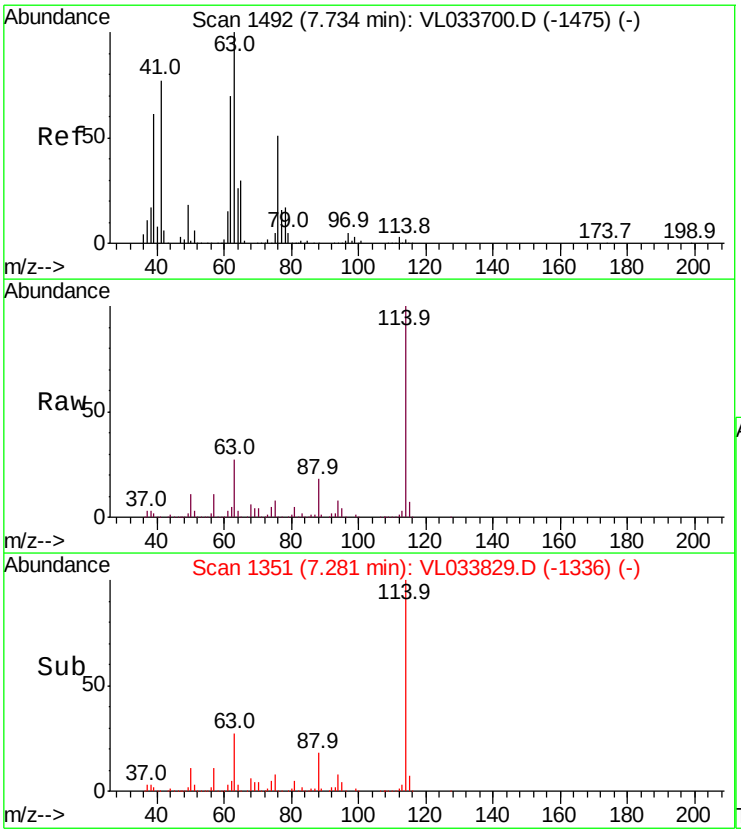
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.01 min
Lab File: VL033829.D
Acq: 29 May 2019 8:17

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3010-25DL

Tgt Ion:114 Resp: 1873906

Ion	Ratio	Lower	Upper
114	100		
63	26.1	20.9	31.3
88	18.0	14.3	21.5

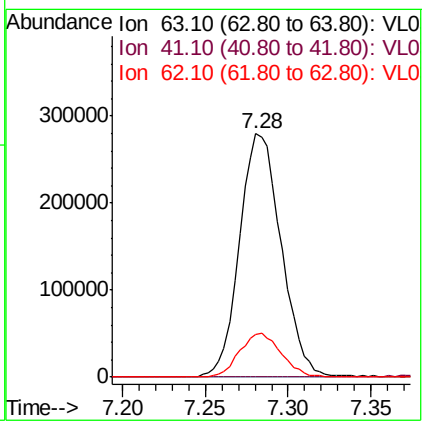


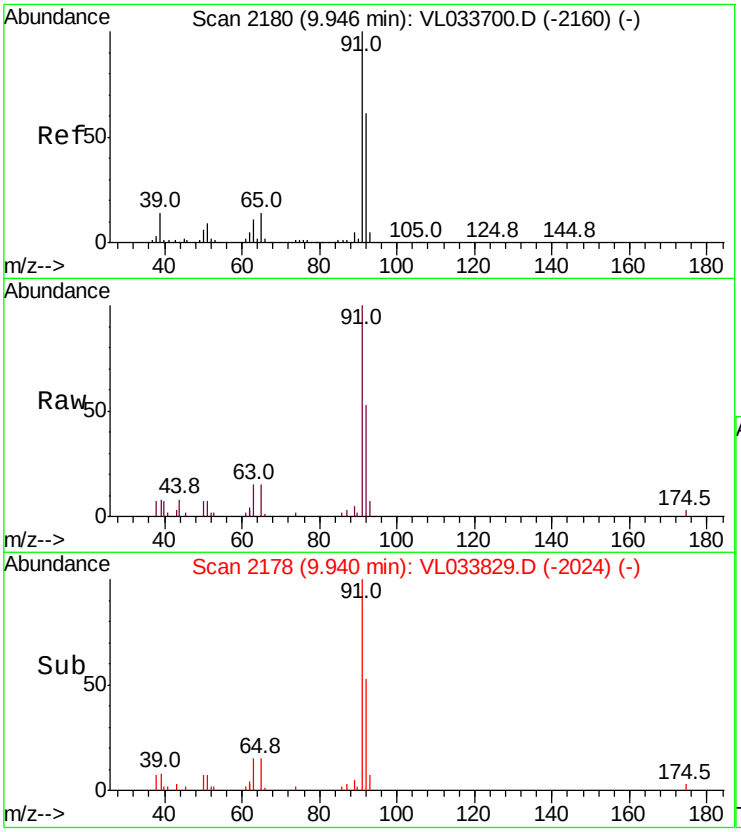


#39
1,2-Dichloropropane
Concen: 7.670 ppbv
RT: 7.28 min Scan# 1351
Delta R.T. -0.45 min
Lab File: VL033829.D
Acq: 29 May 2019 8:17

Tgt Ion: 63 Resp: 487478

Ion	Ratio	Lower	Upper
63	100		
41	0.1	61.5	92.3#
62	17.8	56.2	84.4#



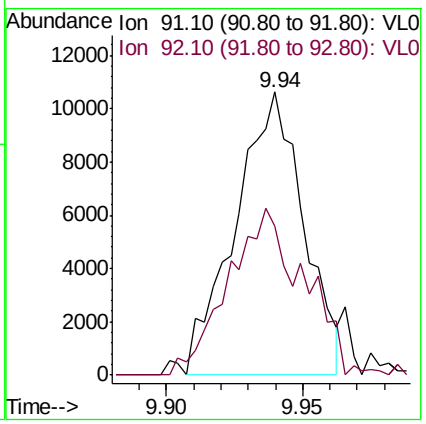


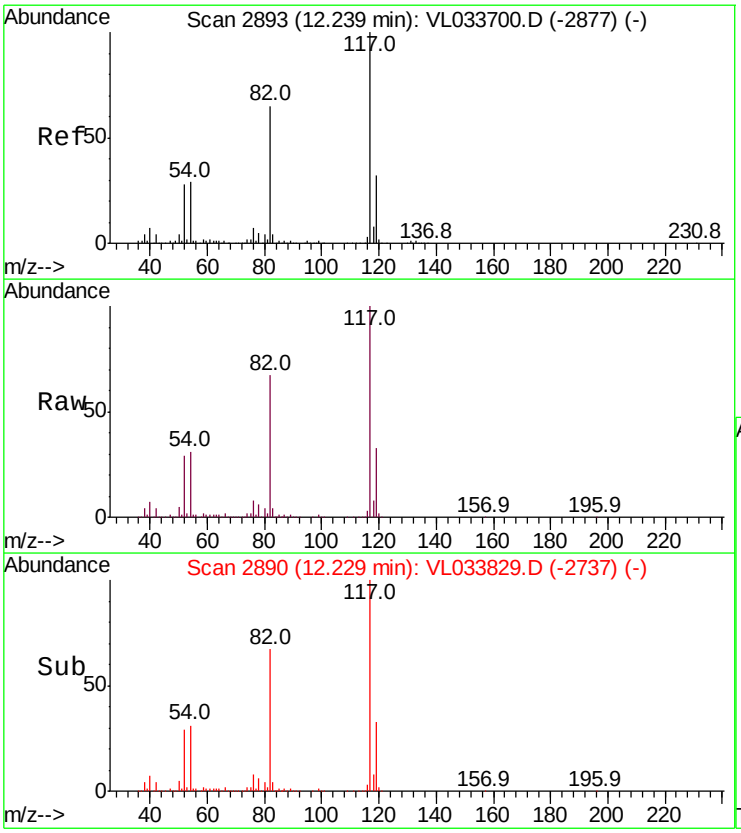
#53
Toluene
Concen: 0.101 ppbv
RT: 9.94 min Scan# 2178
Delta R.T. -0.01 min
Lab File: VL033829.D
Acq: 29 May 2019 8:17

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3010-25DL

Tgt Ion: 91 Resp: 18486

Ion	Ratio	Lower	Upper
91	100		
92	65.3	47.6	71.4

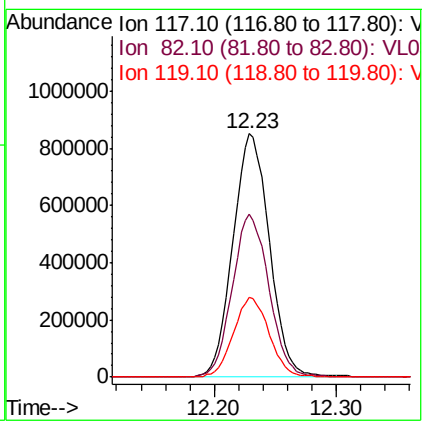


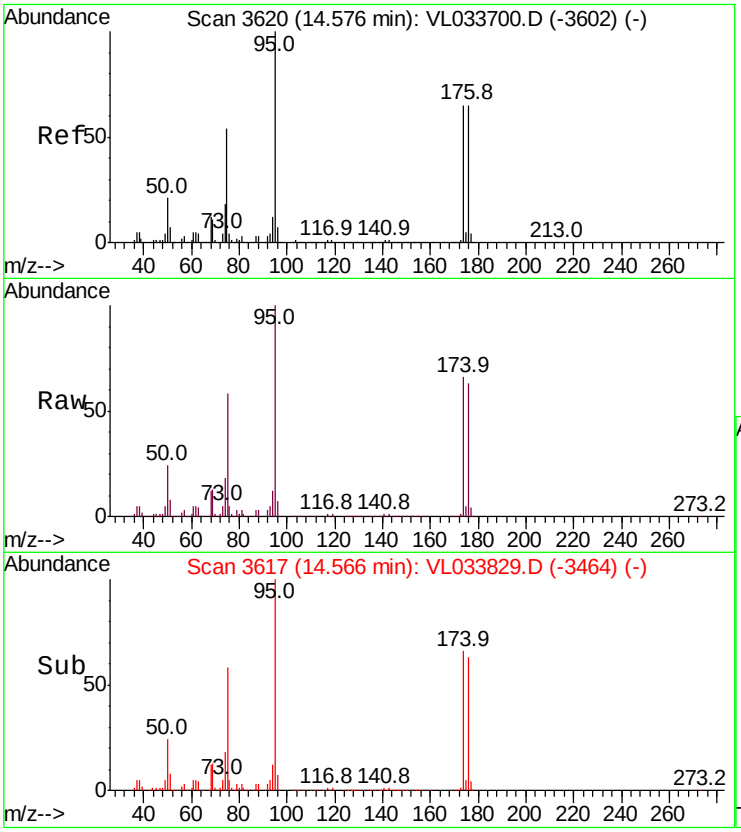


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2890
Delta R.T. -0.01 min
Lab File: VL033829.D
Acq: 29 May 2019 8:17

Tgt Ion:117 Resp: 1762047

Ion	Ratio	Lower	Upper
117	100		
82	67.5	49.4	74.0
119	32.4	24.9	37.3





#68
1-Bromo-4-Fluorobenzene
Concen: 9.967 ppbv
RT: 14.57 min Scan# 3617
Delta R.T. -0.01 min
Lab File: VL033829.D
Acq: 29 May 2019 8:17

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3010-25DL

Tgt Ion: 95 Resp: 1423745

Ion	Ratio	Lower	Upper
95	100		
174	66.1	53.9	80.9
175	4.8	3.8	5.8