Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032919\
Data File : VL033522.D
Acq On : 30 Mar 2019 4:14
Operator : SY/AP
Sample : K2042-07DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Mar 30 05:24:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 26 16:00:50 2019
QLast Update : Tue Mar 26 16:00:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.76	49	789608	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.29	114	1789229	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.24	117	1780610	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.57	95	1369383	9.81	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.10%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	2.99	51	202671	2.23	ppbv	#	60
4) Chloromethane	3.17	50	2329	0.05	ppbv	#	84
9) Propene	3.05	41	12467	0.33	ppbv		84
13) Ethanol	3.66	45	149404	15.12	ppbv		63
15) Acetone	3.90	43	89941	0.95	ppbv		99
16) 1,3-Butadiene	3.35	39	4361	0.12	ppbv	#	18
19) Isopropyl Alcohol	4.04	45	13336	0.22	ppbv	#	89
20) Methylene Chloride	4.41	84	56775	1.41	ppbv		92
25) Ethyl Acetate	5.78	43	25997	0.15	ppbv	#	86
26) Hexane	5.78	57	28158	0.36	ppbv	#	45
39) 1,2-Dichloropropane	7.29	63	473029	8.04	ppbv	#	23
53) Toluene	9.95	91	69077	0.40	ppbv		99
61) Styrene	13.68	104	4723	0.03	ppbv	#	31

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032919\
Data File : VL033522.D
Acq On : 30 Mar 2019 4:14
Operator : SY/AP
Sample : K2042-07DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Mar 30 05:24:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M
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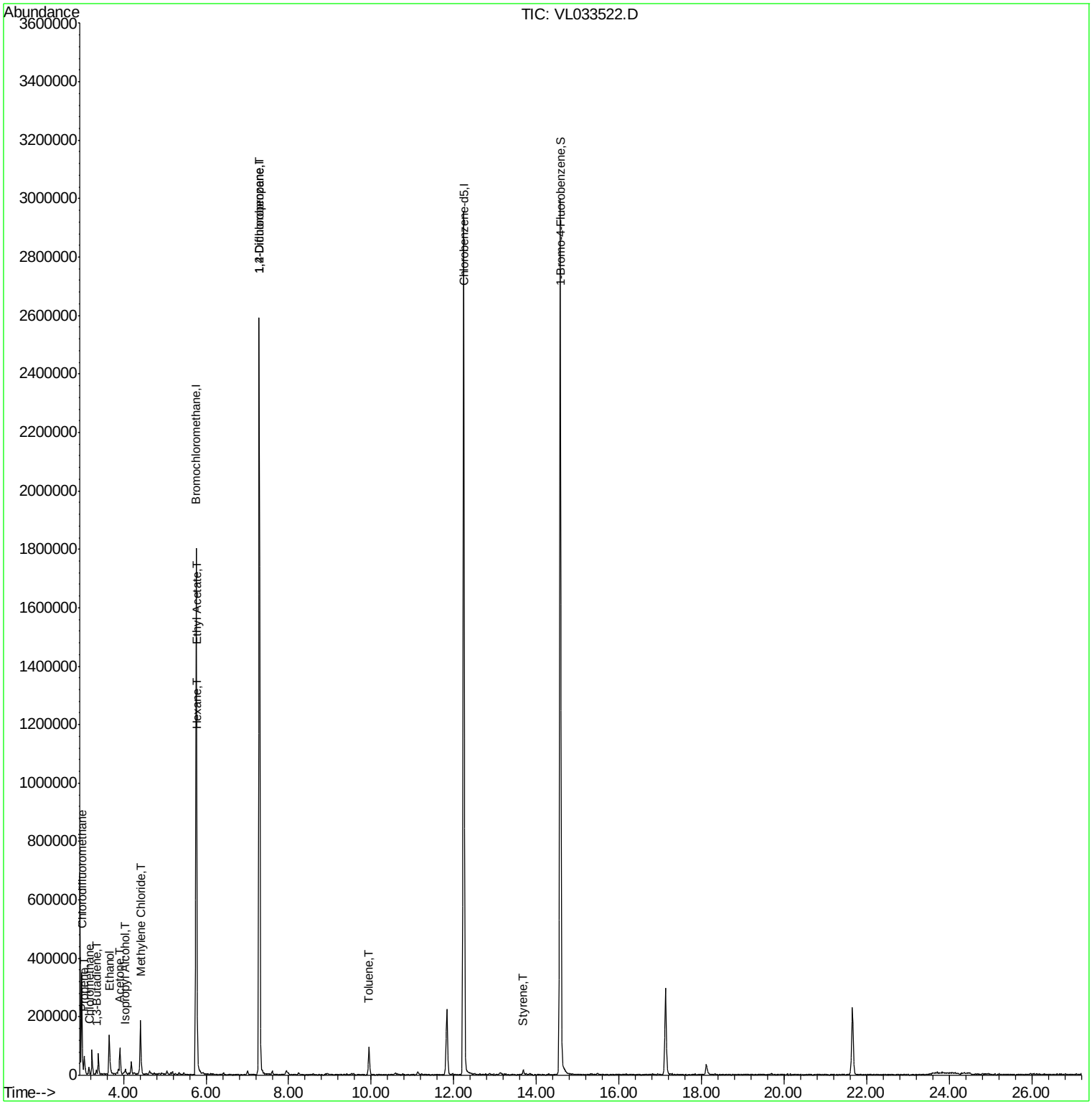
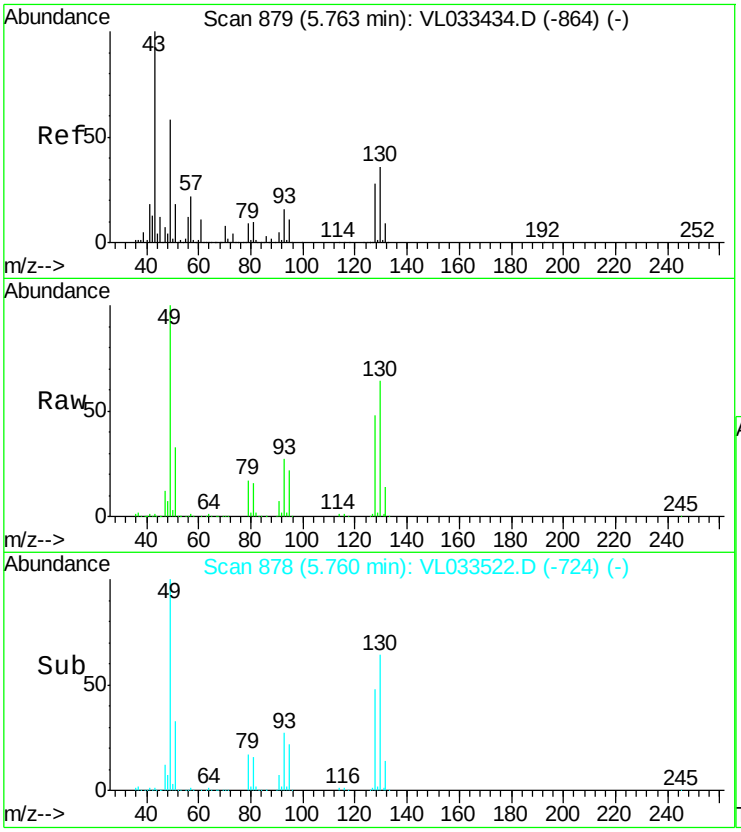
QLast Update : Tue Mar 26 16:00:50 2019
Response via : Initial Calibration



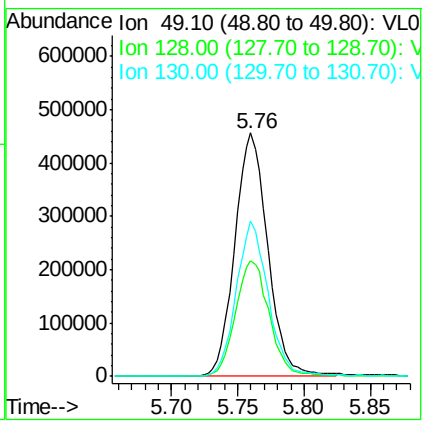


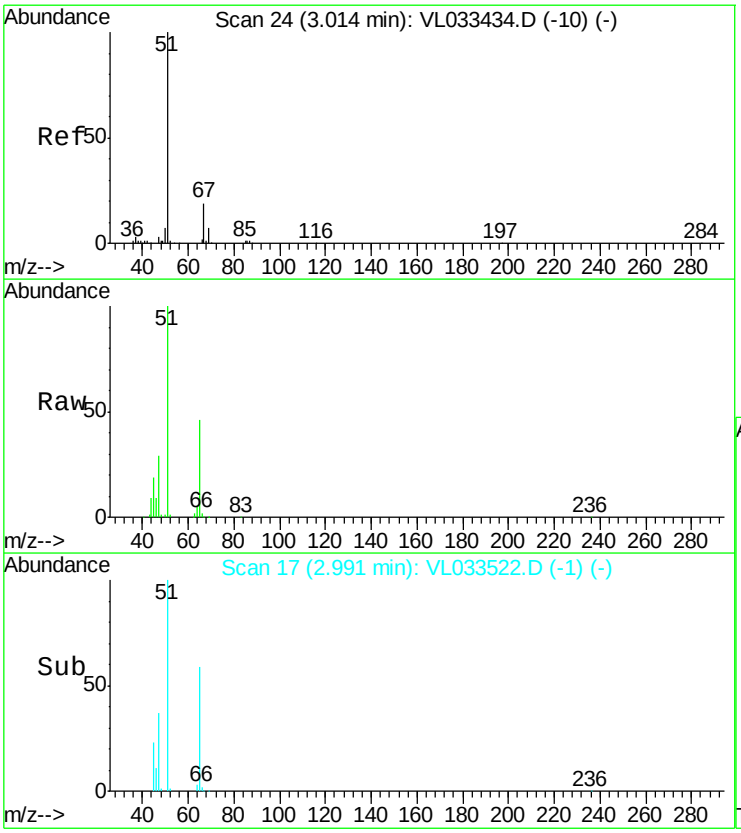
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.76 min Scan# 878
Delta R.T. -0.00 min
Lab File: VL033522.D
Acq: 30 Mar 2019 4:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 789608

Ion	Ratio	Lower	Upper
49	100		
128	49.0	24.0	72.0
130	62.2	31.2	93.6

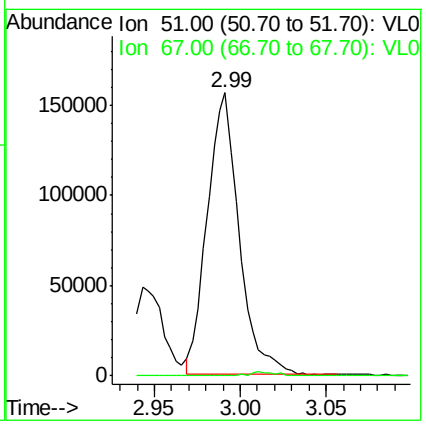


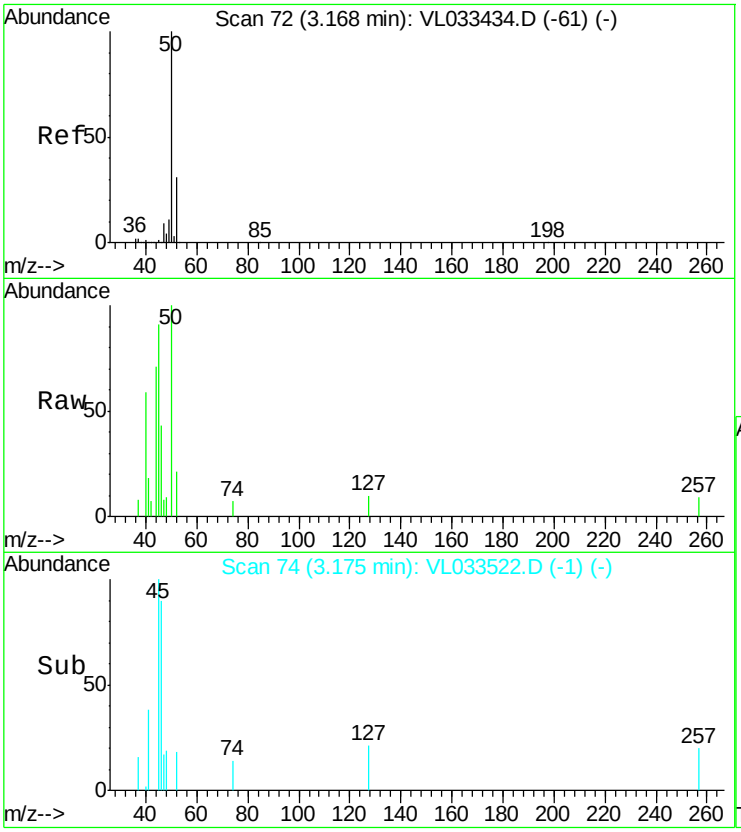


#3
Chlorodifluoromethane
Concen: 2.23 ppbv
RT: 2.99 min Scan# 17
Delta R.T. -0.02 min
Lab File: VL033522.D
Acq: 30 Mar 2019 4:14

Tgt Ion: 51 Resp: 202671

Ion	Ratio	Lower	Upper
51	100		
67	1.2	15.7	23.5#



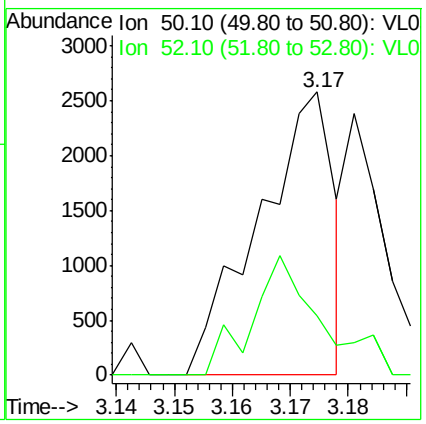


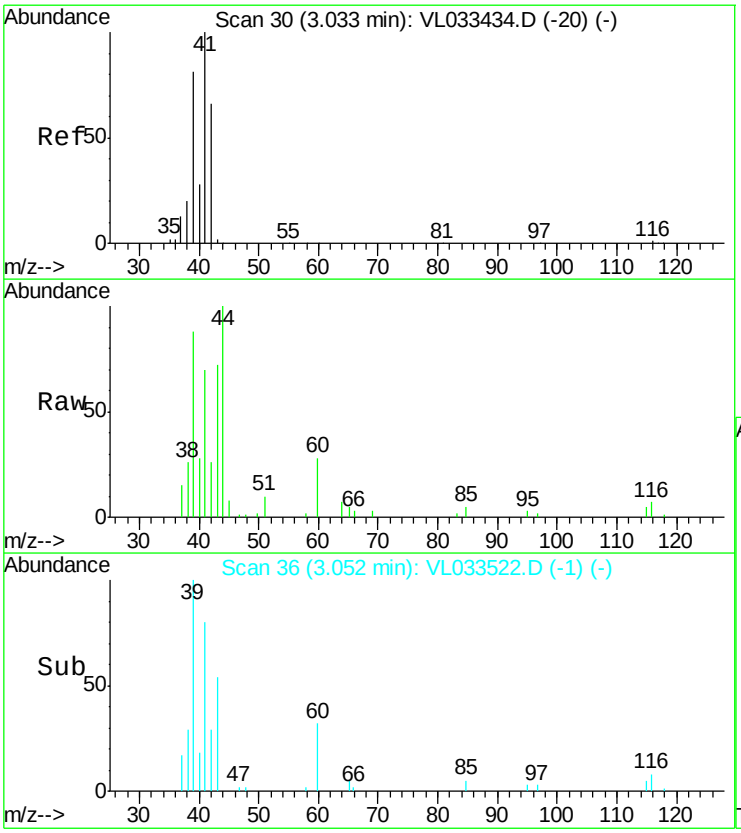
#4
Chloromethane
Concen: 0.05 ppbv
RT: 3.17 min Scan# 74
Delta R.T. 0.01 min
Lab File: VL033522.D
Acq: 30 Mar 2019 4:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 50 Resp: 2329

Ion	Ratio	Lower	Upper
50	100		
52	22.5	25.0	37.6#

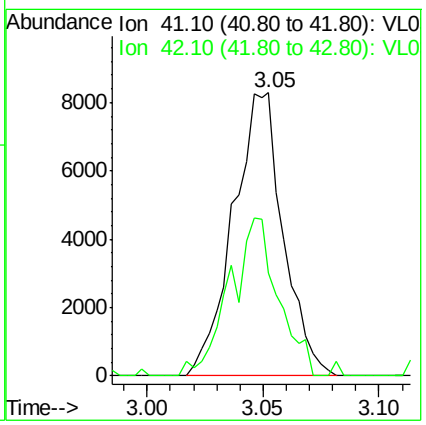


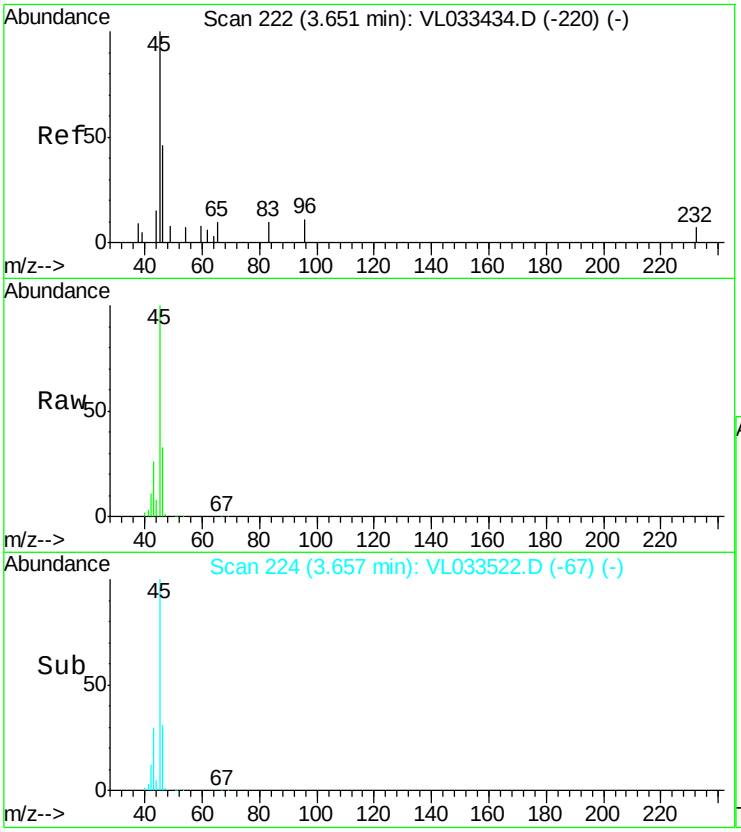


#9
Propene
Concen: 0.33 ppbv
RT: 3.05 min Scan# 36
Delta R.T. 0.02 min
Lab File: VL033522.D
Acq: 30 Mar 2019 4:14

Tgt Ion: 41 Resp: 12467

Ion	Ratio	Lower	Upper
41	100		
42	54.9	53.9	80.9



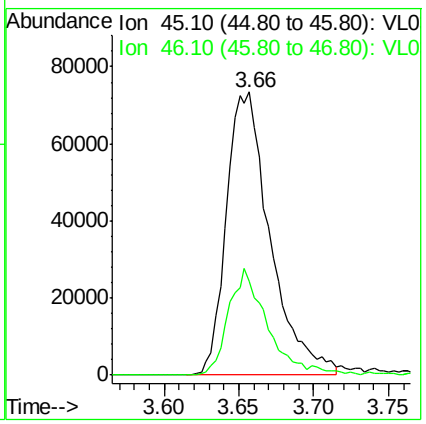


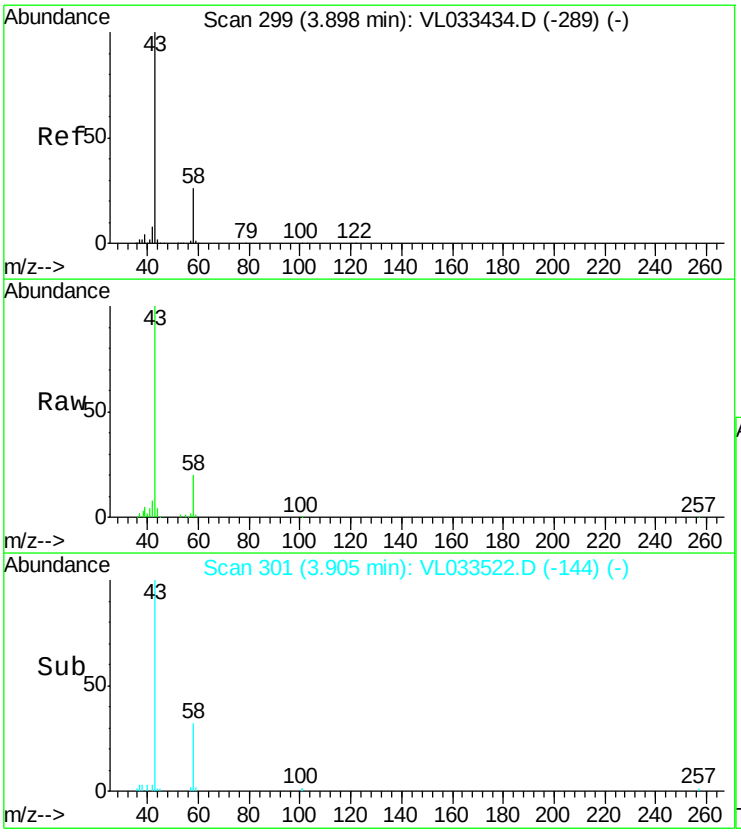
#13
Ethanol
Concen: 15.12 ppbv
RT: 3.66 min Scan# 224
Delta R.T. 0.01 min
Lab File: VL033522.D
Acq: 30 Mar 2019 4:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 149404

Ion	Ratio	Lower	Upper
45	100		
46	34.6	25.4	101.8

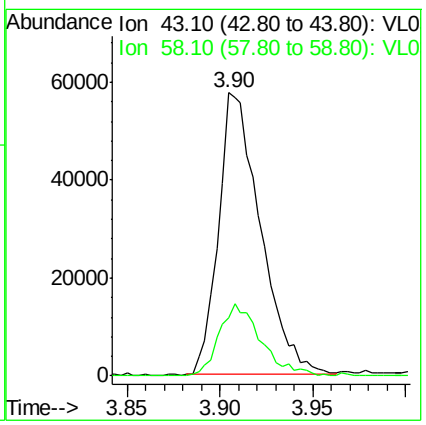


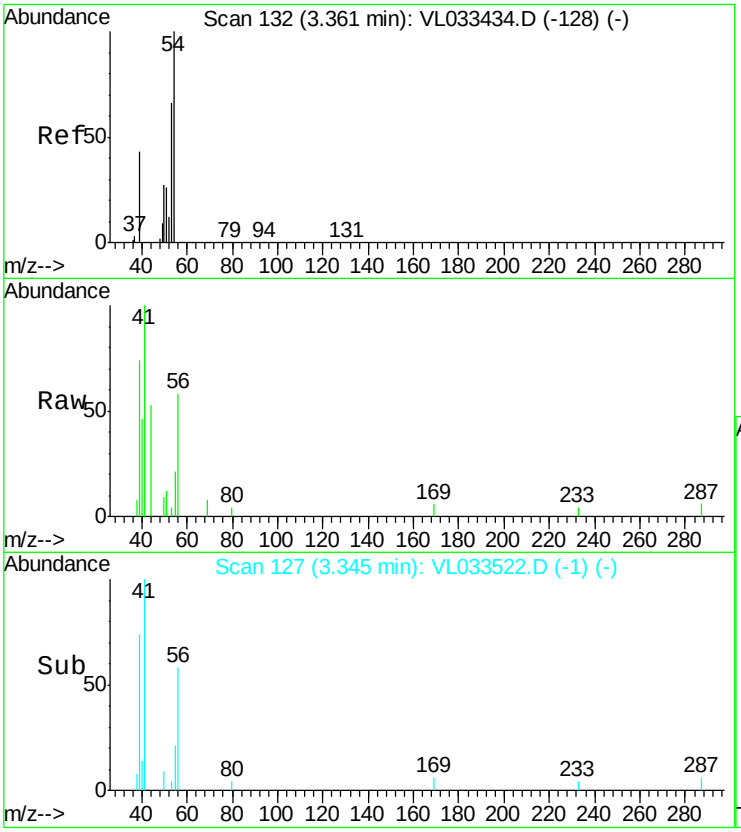


#15
Acetone
Concen: 0.95 ppbv
RT: 3.90 min Scan# 301
Delta R.T. 0.01 min
Lab File: VL033522.D
Acq: 30 Mar 2019 4:14

Tgt Ion: 43 Resp: 89941

Ion	Ratio	Lower	Upper
43	100		
58	25.9	20.5	30.7



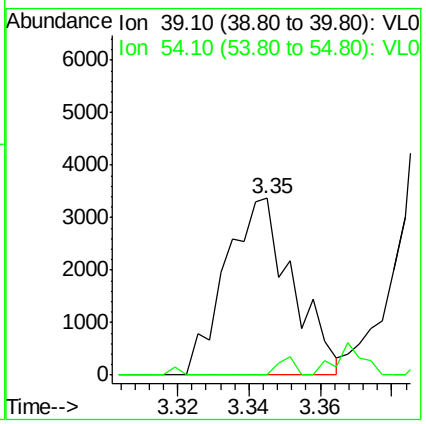


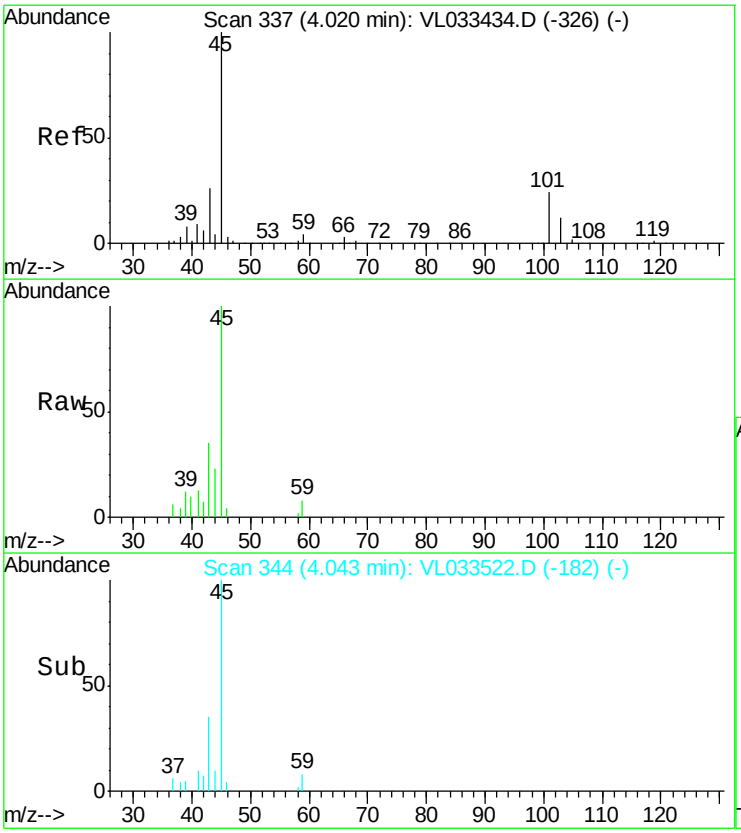
#16
1,3-Butadiene
Concen: 0.12 ppbv
RT: 3.35 min Scan# 127
Delta R.T. -0.02 min
Lab File: VL033522.D
Acq: 30 Mar 2019 4:14

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 39 Resp: 4361

Ion	Ratio	Lower	Upper
39	100		
54	10.7	69.4	104.2#

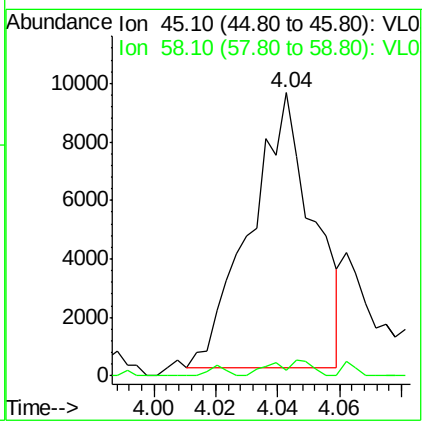


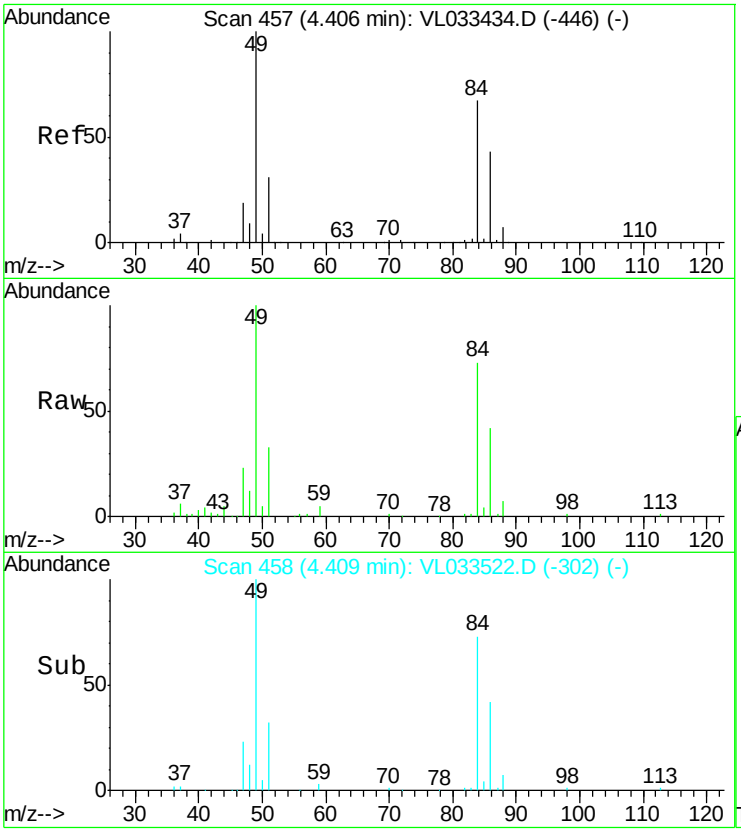


#19
Isopropyl Alcohol
Concen: 0.22 ppbv
RT: 4.04 min Scan# 344
Delta R.T. 0.02 min
Lab File: VL033522.D
Acq: 30 Mar 2019 4:14

Tgt Ion: 45 Resp: 13336

Ion	Ratio	Lower	Upper
45	100		
58	5.8	1.4	2.2#



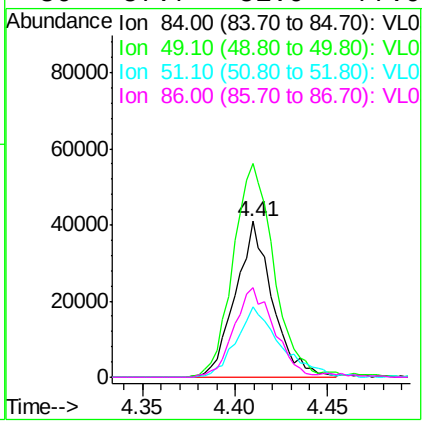


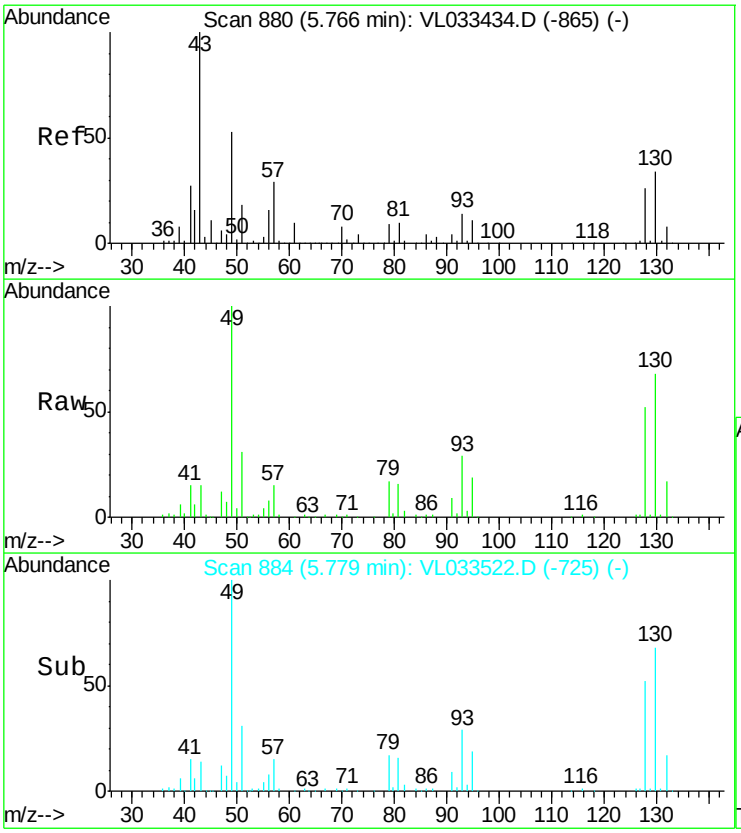
#20
Methylene Chloride
Concen: 1.41 ppbv
RT: 4.41 min Scan# 458
Delta R.T. 0.00 min
Lab File: VL033522.D
Acq: 30 Mar 2019 4:14

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 56775

Ion	Ratio	Lower	Upper
84	100		
49	136.8	120.0	180.0
51	45.0	36.7	55.1
86	57.7	51.9	77.9

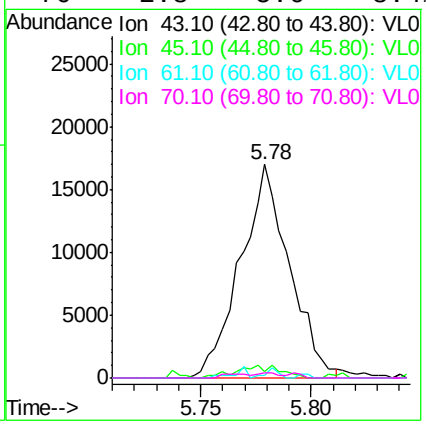


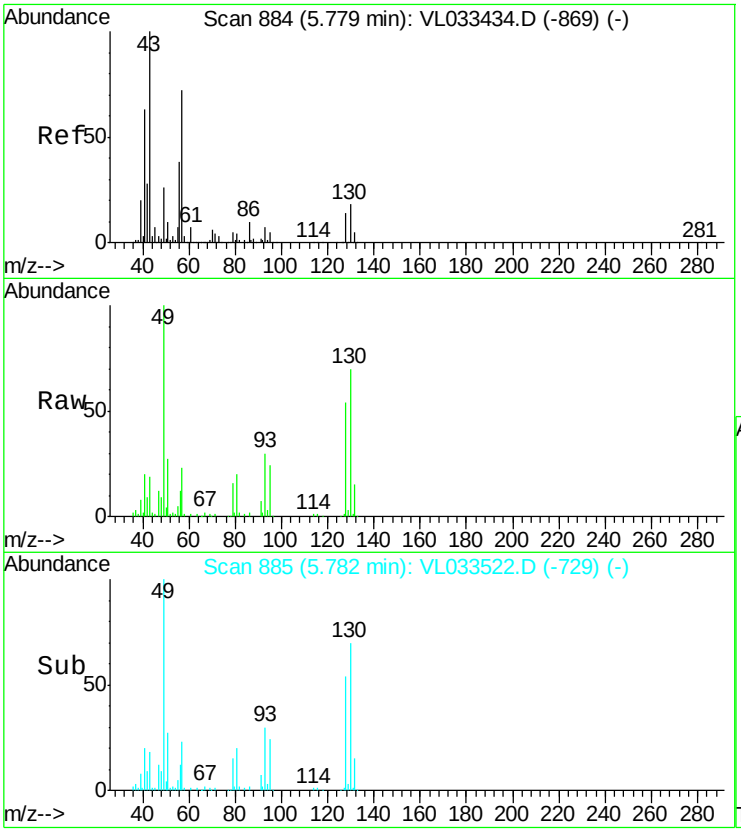


#25
Ethyl Acetate
Concen: 0.15 ppbv
RT: 5.78 min Scan# 884
Delta R.T. 0.01 min
Lab File: VL033522.D
Acq: 30 Mar 2019 4:14

Tgt Ion: 43 Resp: 25997

Ion	Ratio	Lower	Upper
43	100		
45	5.5	7.8	11.6#
61	3.0	7.3	10.9#
70	2.8	5.6	8.4#



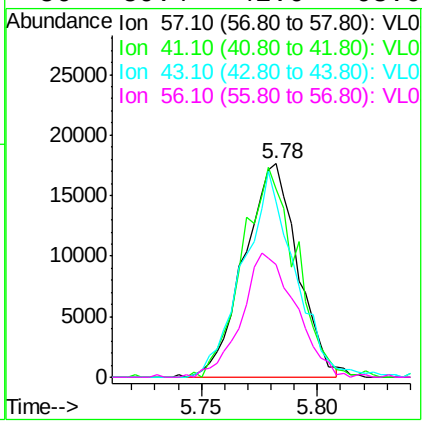


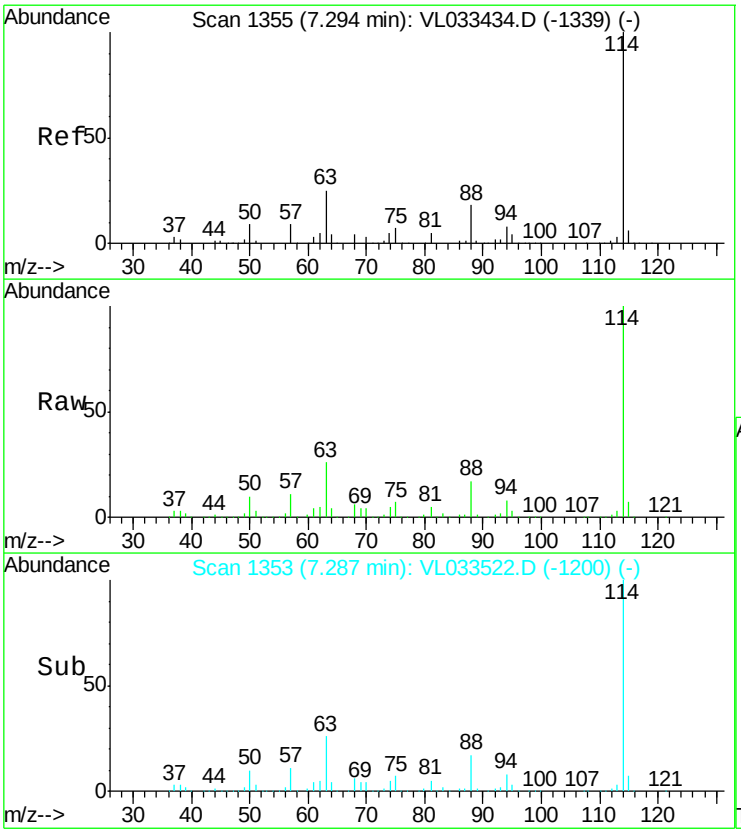
#26
Hexane
Concen: 0.36 ppbv
RT: 5.78 min Scan# 885
Delta R.T. 0.00 min
Lab File: VL033522.D
Acq: 30 Mar 2019 4:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 28158

Ion	Ratio	Lower	Upper
57	100		
41	100.4	70.7	106.1
43	93.9	182.6	274.0#
56	59.4	42.0	63.0

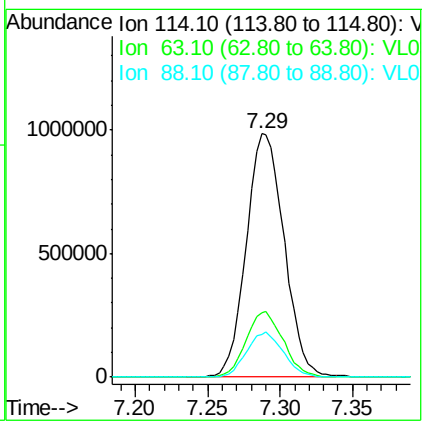


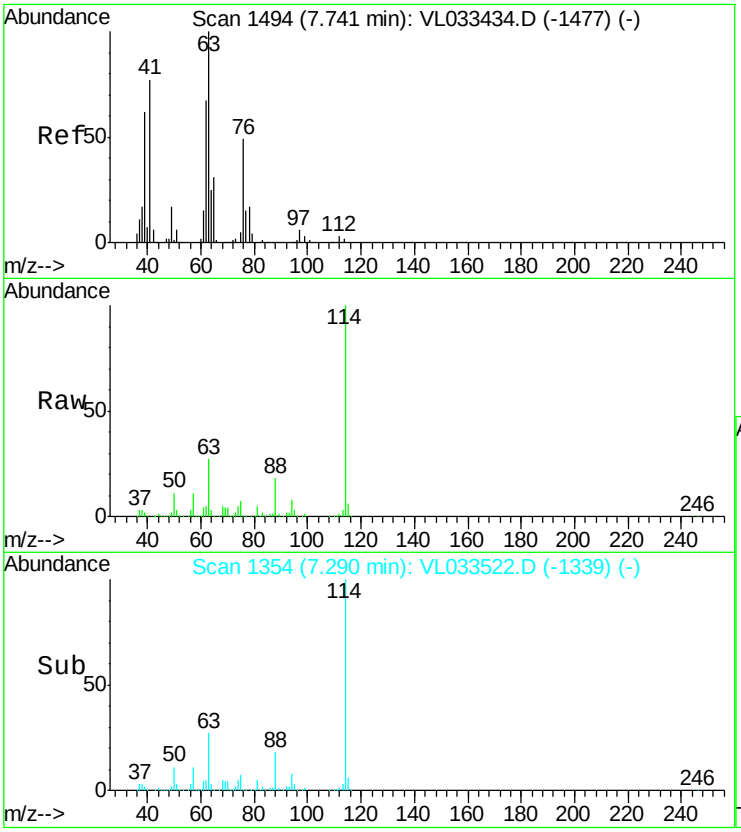


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL033522.D
Acq: 30 Mar 2019 4:14

Tgt Ion:114 Resp: 1789229

Ion	Ratio	Lower	Upper
114	100		
63	26.6	21.5	32.3
88	17.9	14.5	21.7



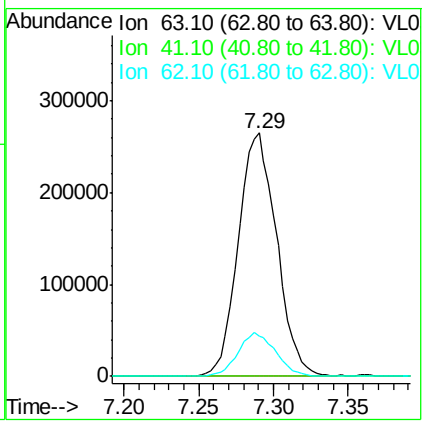


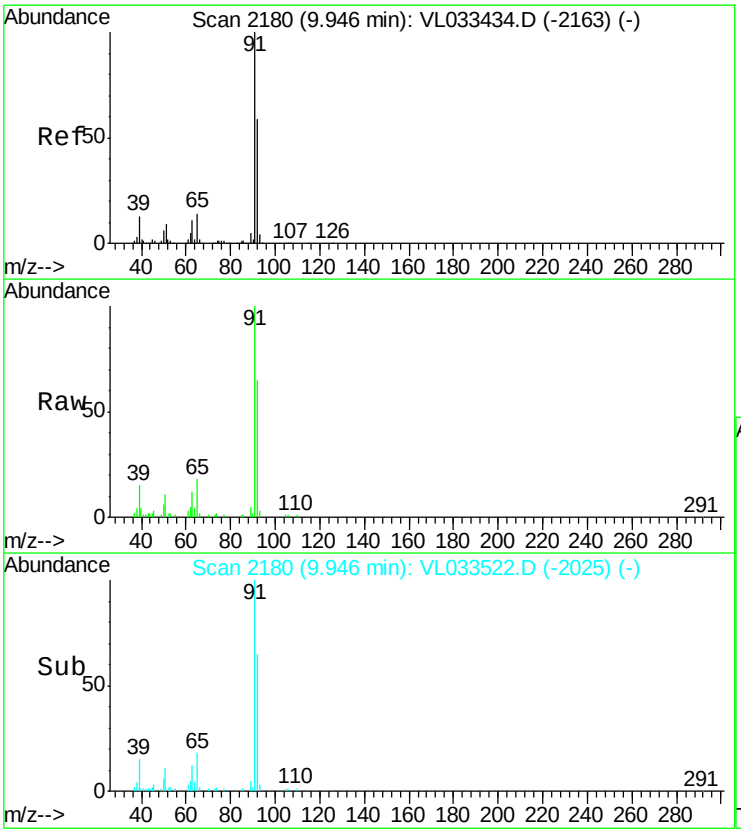
#39
1,2-Dichloropropane
Concen: 8.04 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.45 min
Lab File: VL033522.D
Acq: 30 Mar 2019 4:14

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 473029

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.2	91.8#
62	16.7	54.0	81.0#

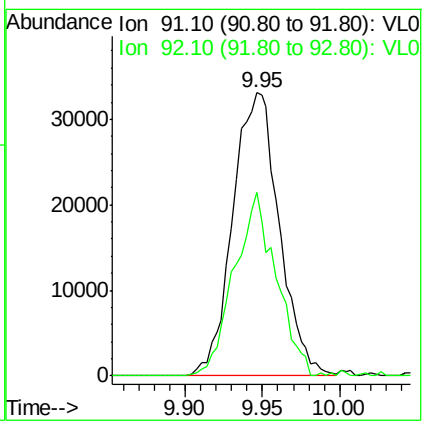


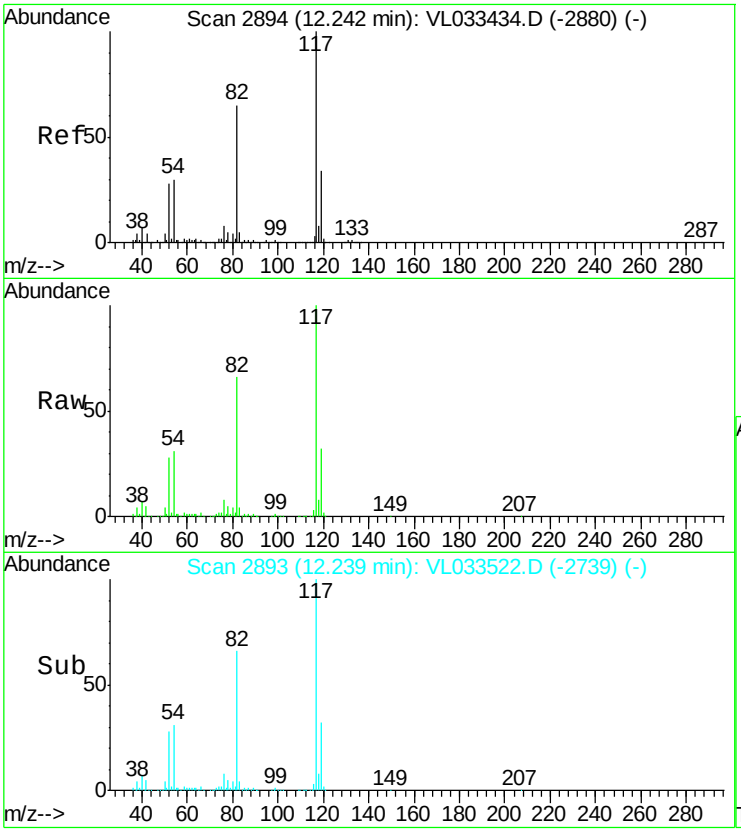


#53
Toluene
Concen: 0.40 ppbv
RT: 9.95 min Scan# 2180
Delta R.T. -0.00 min
Lab File: VL033522.D
Acq: 30 Mar 2019 4:14

Tgt Ion: 91 Resp: 69077

Ion	Ratio	Lower	Upper
91	100		
92	58.6	47.4	71.0



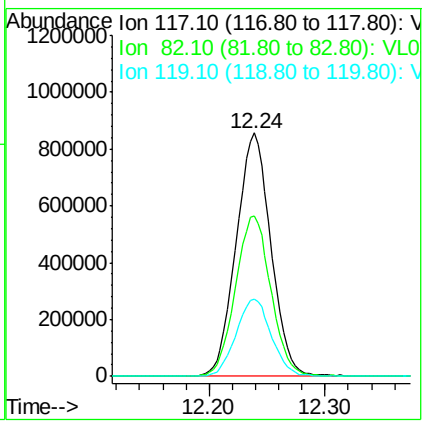


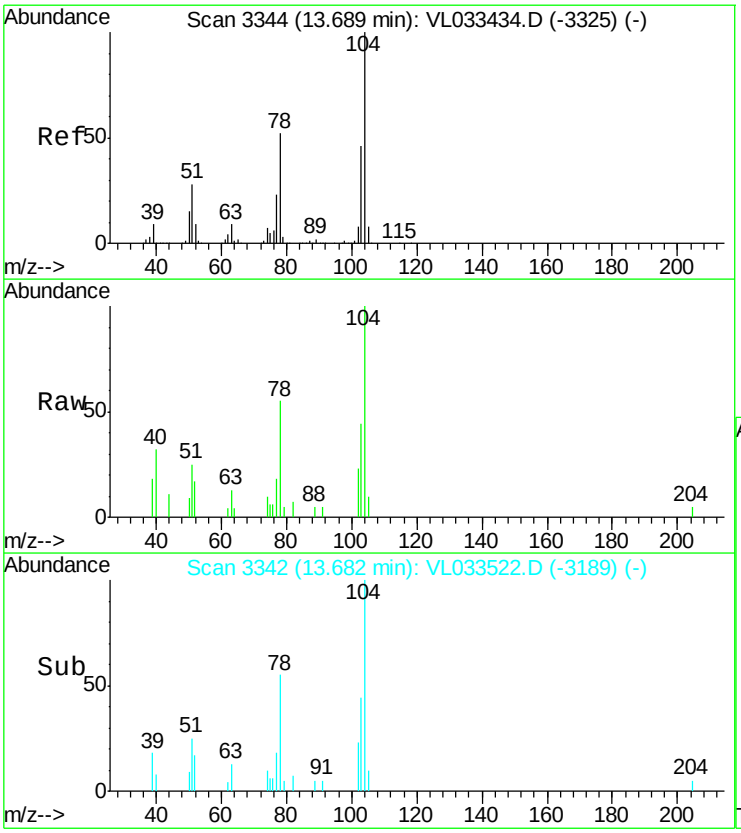
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. -0.00 min
Lab File: VL033522.D
Acq: 30 Mar 2019 4:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 1780610

Ion	Ratio	Lower	Upper
117	100		
82	67.8	51.5	77.3
119	32.2	25.5	38.3

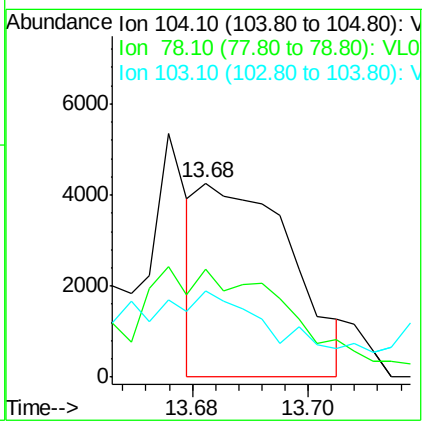


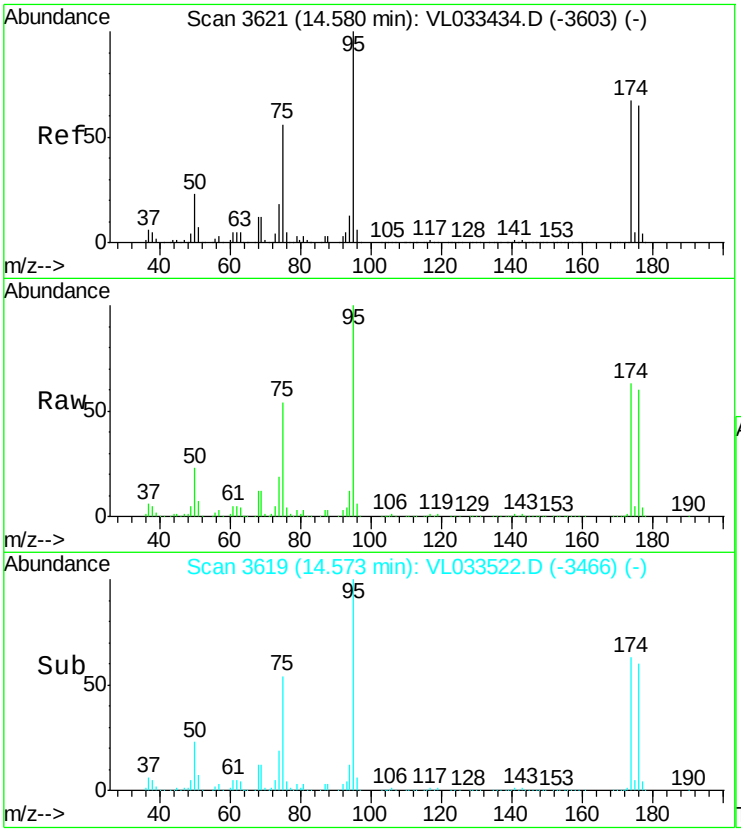


#61
Styrene
Concen: 0.03 ppbv
RT: 13.68 min Scan# 3342
Delta R.T. -0.01 min
Lab File: VL033522.D
Acq: 30 Mar 2019 4:14

Tgt Ion:104 Resp: 4723

Ion	Ratio	Lower	Upper
104	100		
78	0.0	43.2	64.8#
103	88.8	37.8	56.8#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.81 ppbv
RT: 14.57 min Scan# 3619
Delta R.T. -0.01 min
Lab File: VL033522.D
Acq: 30 Mar 2019 4:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 1369383

Ion	Ratio	Lower	Upper
95	100		
174	66.7	52.9	79.3
175	4.8	3.8	5.6