Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031620\
Data File : VL034897.D
Acq On : 16 Mar 2020 19:24
Operator : SY/AP
Sample : L1924-04DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : OA-01DL

Quant Time: Mar 17 04:27:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 09 16:42:53 2020
QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.65	49	870641	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	1863060	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.10	117	1873392	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.44	95	1490683	10.20	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.01	85	9948	0.083	ppbv		89
3) Chlorodifluoromethane	2.95	51	5846	0.060	ppbv	#	86
4) Chloromethane	3.10	50	1709	0.031	ppbv	#	73
9) Propene	2.98	41	6927	0.149	ppbv		98
13) Ethanol	3.58	45	7355	0.521	ppbv	#	18
15) Acetone	3.84	43	62978	0.558	ppbv		100
20) Methylene Chloride	4.31	84	10836	0.304	ppbv	#	92
25) Ethyl Acetate	5.67	43	8791	0.044	ppbv	#	81
26) Hexane	5.67	57	12441	0.144	ppbv	#	44
39) 1,2-Dichloropropane	7.17	63	519826	7.901	ppbv	#	22
53) Toluene	9.81	91	6286	0.033	ppbv	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031620\
Data File : VL034897.D
Acq On : 16 Mar 2020 19:24
Operator : SY/AP
Sample : L1924-04DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : OA-01DL

Quant Time: Mar 17 04:27:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030920AIR.M
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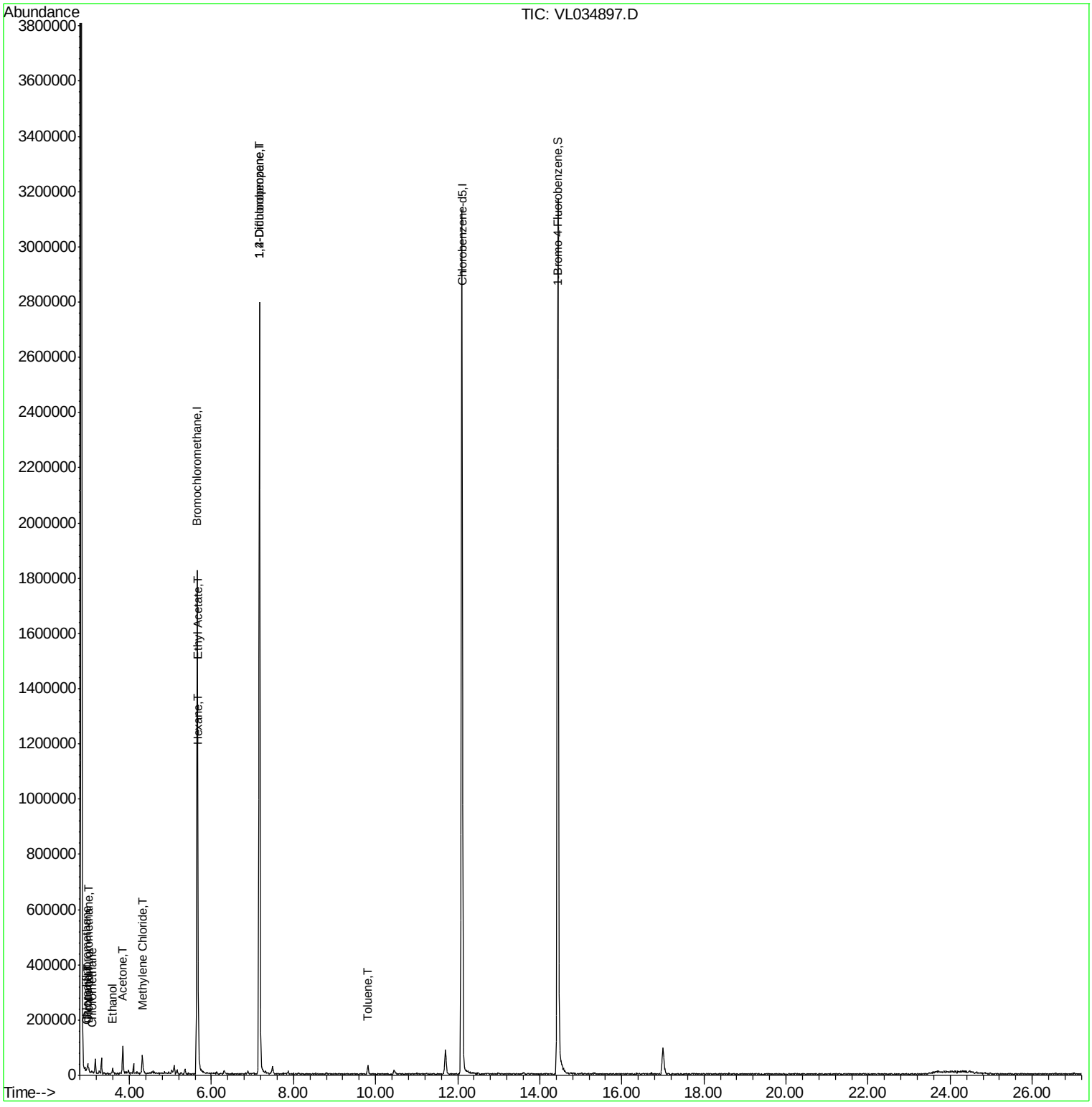
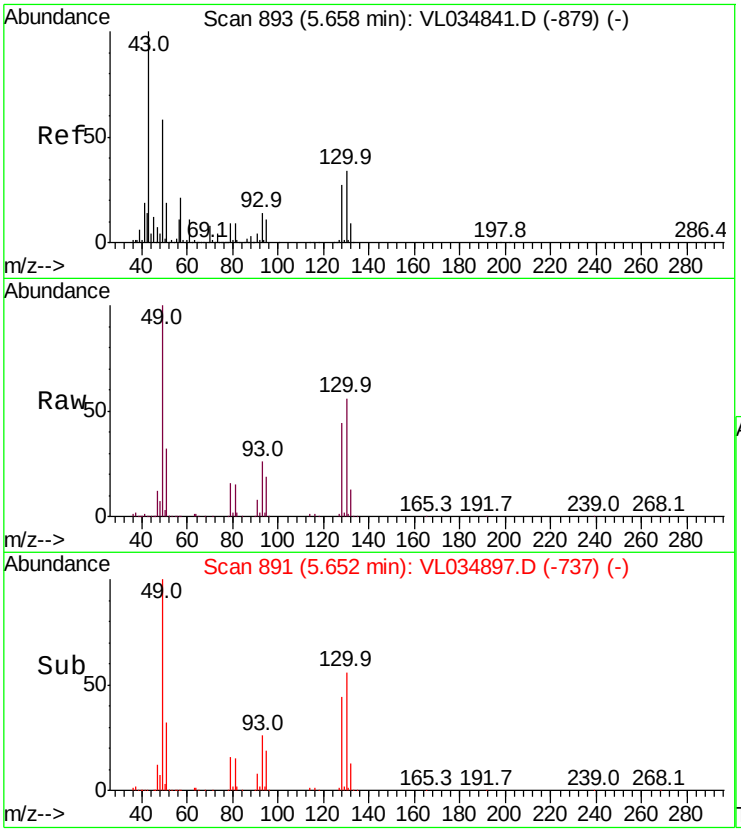
Response via : Initial Calibration



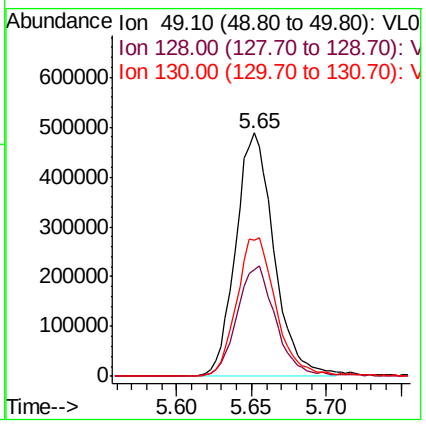


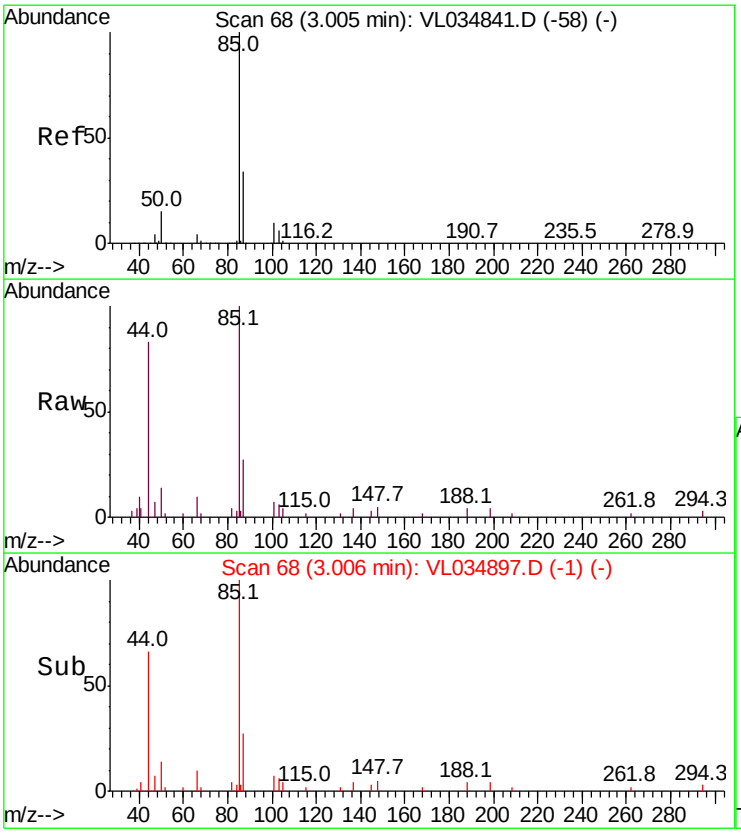
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 891
Delta R.T. -0.01 min
Lab File: VL034897.D
Acq: 16 Mar 2020 19:24

Instrument :
MSVOA_L
ClientSampleId :
OA-01DL

Tgt Ion: 49 Resp: 870641

Ion	Ratio	Lower	Upper
49	100		
128	46.2	23.4	70.3
130	59.2	30.0	90.0

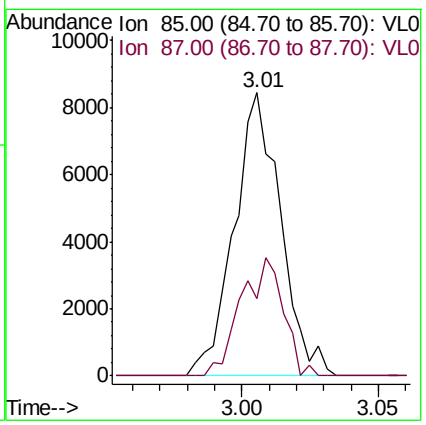


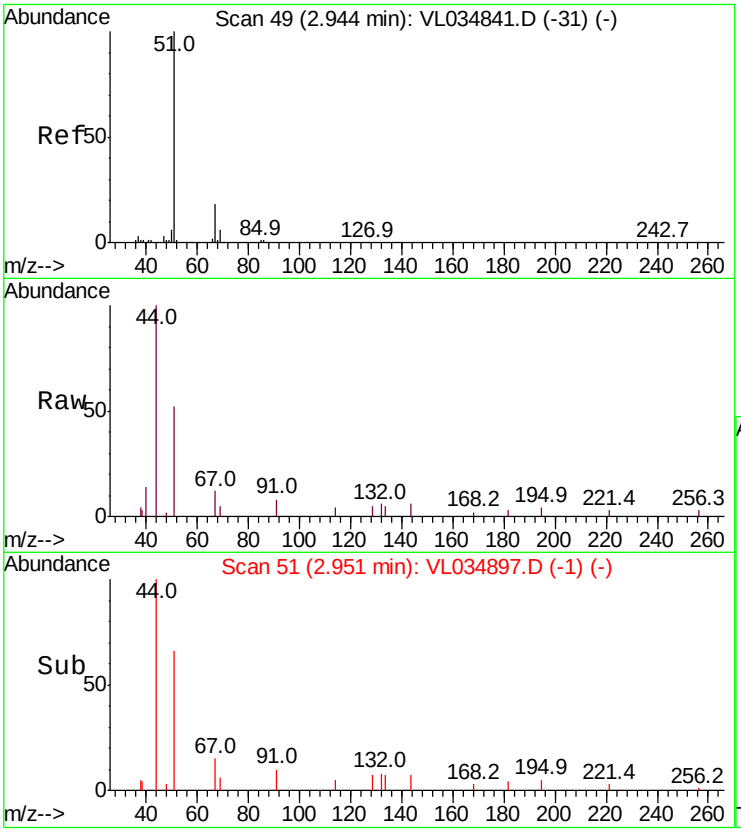


#2
Dichlorodifluoromethane
Concen: 0.083 ppbv
RT: 3.01 min Scan# 68
Delta R.T. 0.00 min
Lab File: VL034897.D
Acq: 16 Mar 2020 19:24

Tgt Ion: 85 Resp: 9948

Ion	Ratio	Lower	Upper
85	100		
87	27.1	26.9	40.3



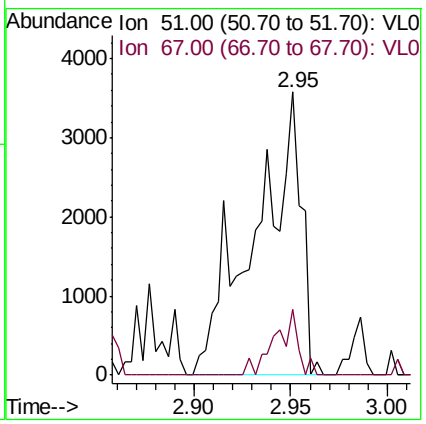


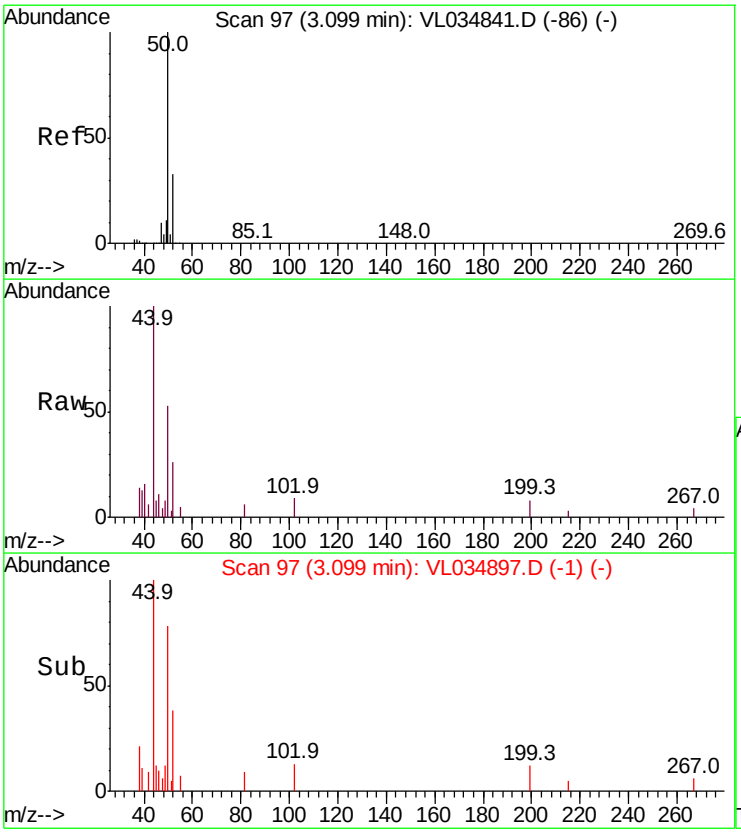
#3
Chlorodifluoromethane
Concen: 0.060 ppbv
RT: 2.95 min Scan# 51
Delta R.T. 0.01 min
Lab File: VL034897.D
Acq: 16 Mar 2020 19:24

Instrument :
MSVOA_L
ClientSampleId :
OA-01DL

Tgt Ion: 51 Resp: 5846

Ion	Ratio	Lower	Upper
51	100		
67	11.6	14.3	21.5#

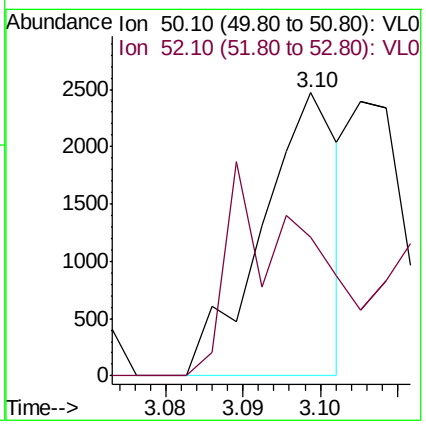


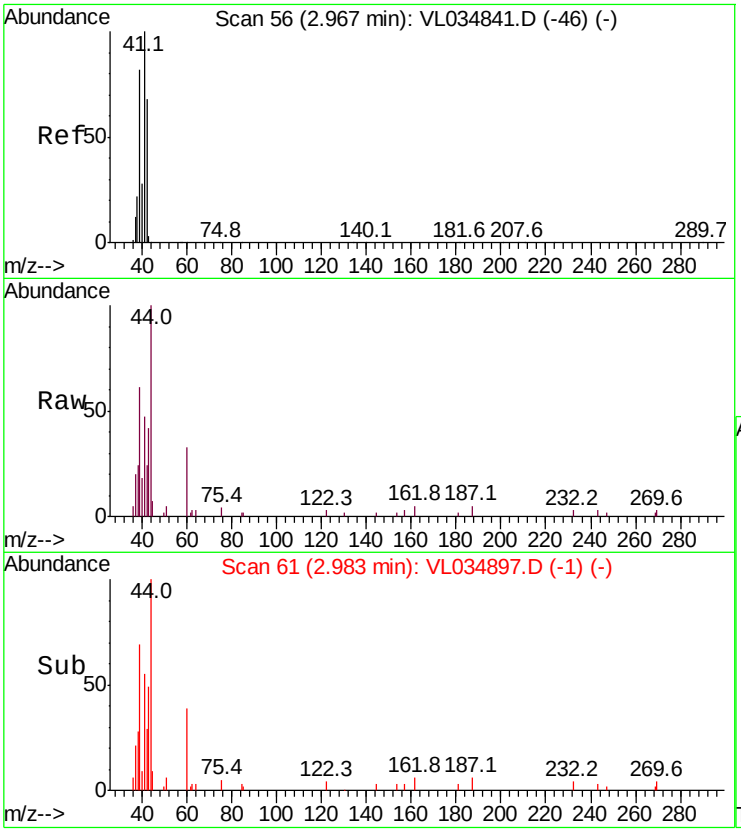


#4
Chloromethane
Concen: 0.031 ppbv
RT: 3.10 min Scan# 97
Delta R.T. 0.00 min
Lab File: VL034897.D
Acq: 16 Mar 2020 19:24

Tgt Ion: 50 Resp: 1709

Ion	Ratio	Lower	Upper
50	100		
52	48.9	26.8	40.2#



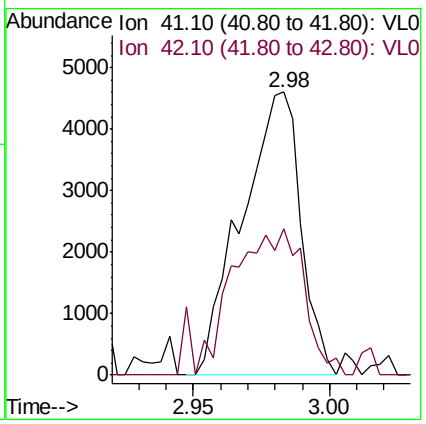


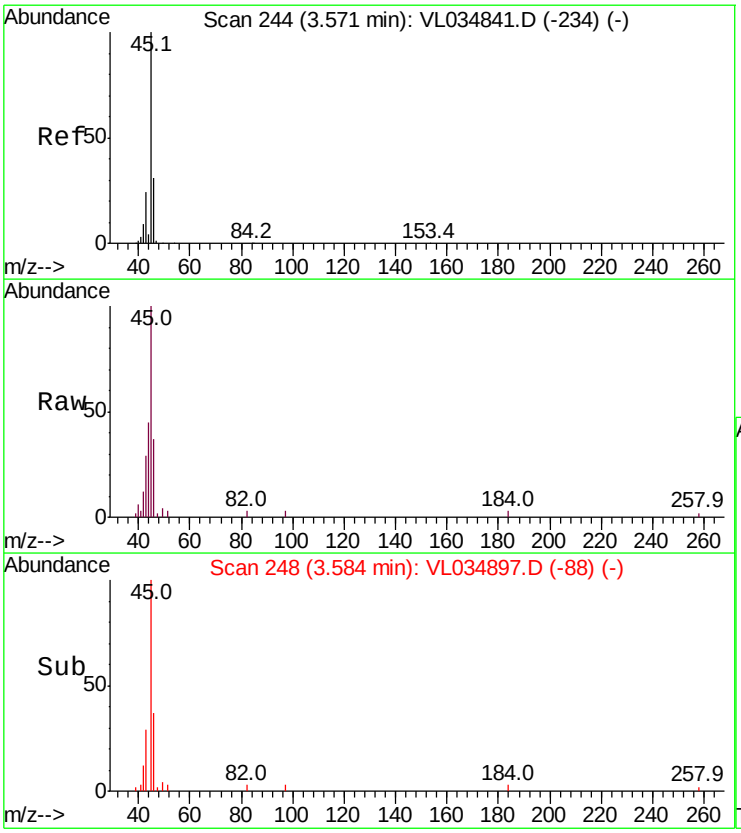
#9
Propene
Concen: 0.149 ppbv
RT: 2.98 min Scan# 61
Delta R.T. 0.02 min
Lab File: VL034897.D
Acq: 16 Mar 2020 19:24

Instrument :
MSVOA_L
ClientSampleId :
OA-01DL

Tgt Ion: 41 Resp: 6927

Ion	Ratio	Lower	Upper
41	100		
42	67.2	55.2	82.8

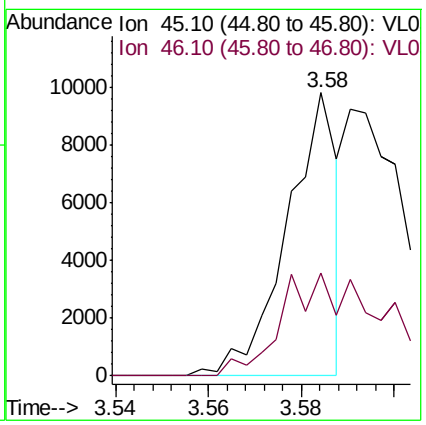


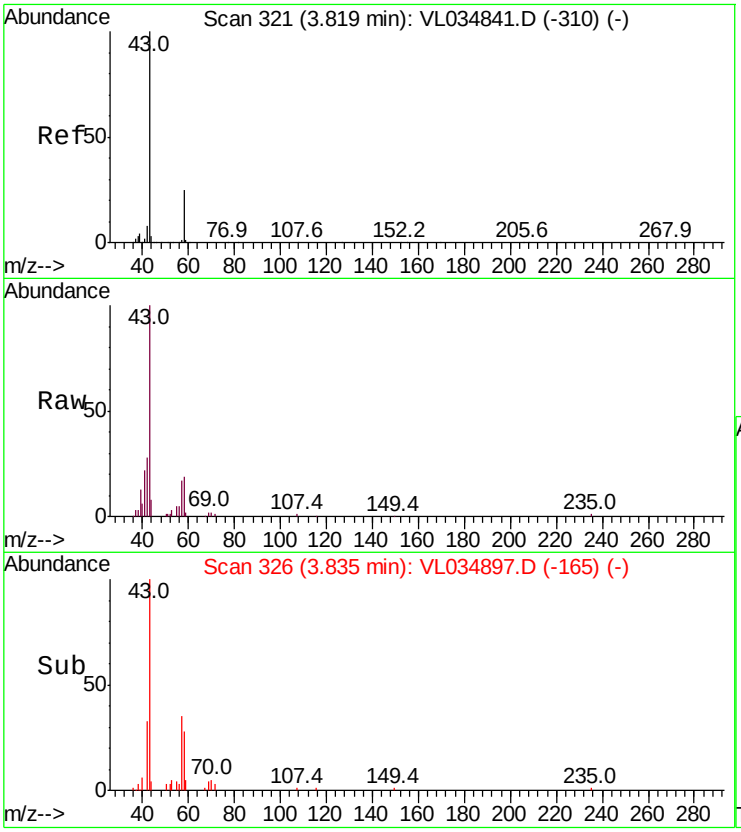


#13
Ethanol
Concen: 0.521 ppbv
RT: 3.58 min Scan# 248
Delta R.T. 0.01 min
Lab File: VL034897.D
Acq: 16 Mar 2020 19:24

Tgt Ion: 45 Resp: 7355

Ion	Ratio	Lower	Upper
45	100		
46	90.9	16.0	64.0#



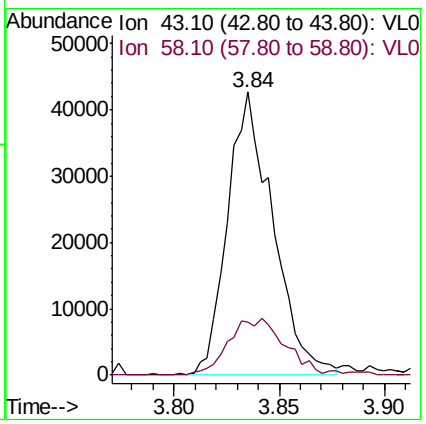


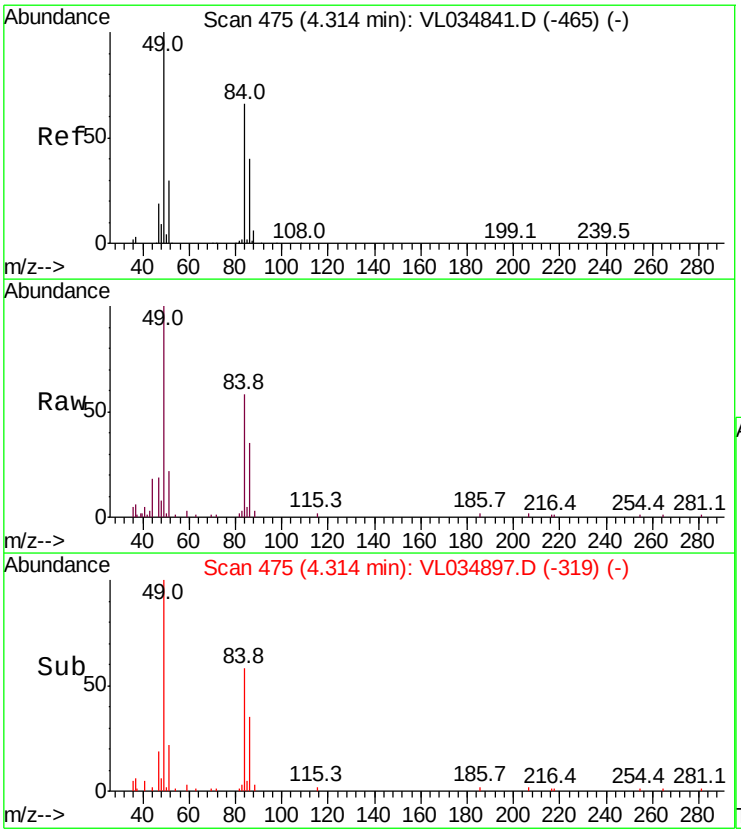
#15
Acetone
Concen: 0.558 ppbv
RT: 3.84 min Scan# 326
Delta R.T. 0.02 min
Lab File: VL034897.D
Acq: 16 Mar 2020 19:24

Instrument : MSVOA_L
ClientSampleId : OA-01DL

Tgt Ion: 43 Resp: 62978

Ion	Ratio	Lower	Upper
43	100		
58	26.2	21.0	31.6

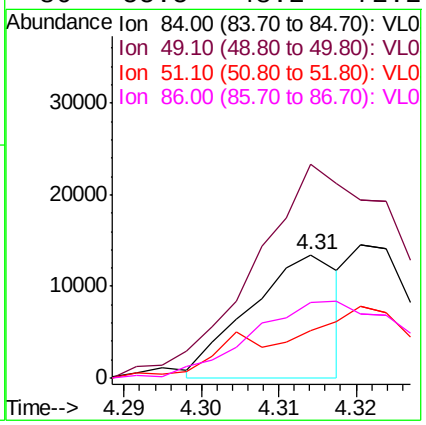


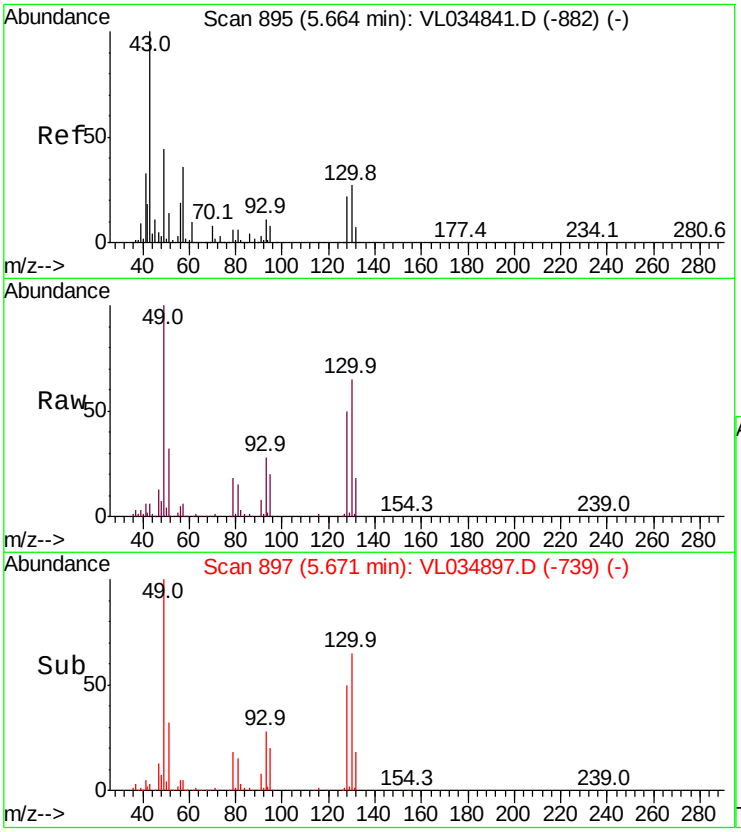


#20
Methylene Chloride
Concen: 0.304 ppbv
RT: 4.31 min Scan# 475
Delta R.T. 0.00 min
Lab File: VL034897.D
Acq: 16 Mar 2020 19:24

Tgt Ion: 84 Resp: 10836

Ion	Ratio	Lower	Upper
84	100		
49	160.8	121.5	182.3
51	35.1	36.6	55.0#
86	55.5	48.2	72.2



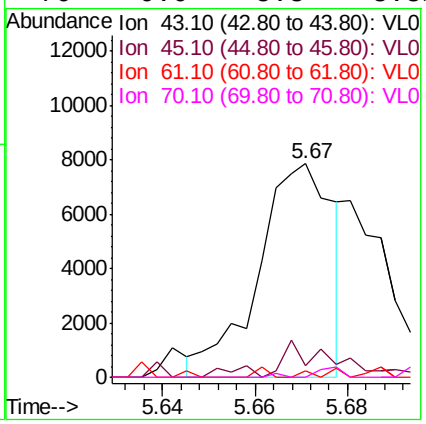


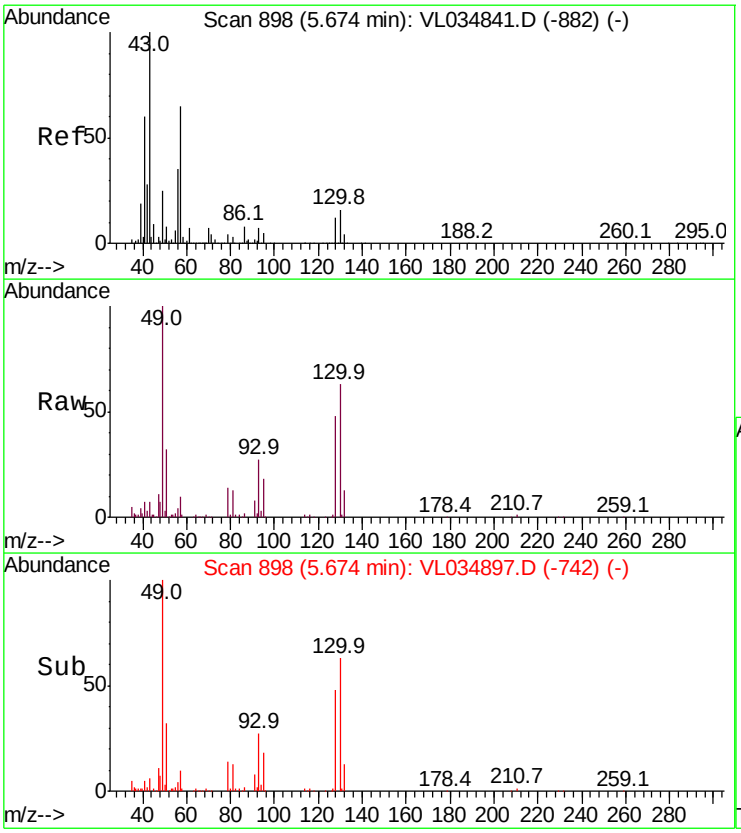
#25
Ethyl Acetate
Concen: 0.044 ppbv
RT: 5.67 min Scan# 897
Delta R.T. 0.01 min
Lab File: VL034897.D
Acq: 16 Mar 2020 19:24

Instrument : MSVOA_L
ClientSampleId : OA-01DL

Tgt Ion: 43 Resp: 8791

Ion	Ratio	Lower	Upper
43	100		
45	16.7	8.2	12.2#
61	2.6	7.8	11.6#
70	0.0	5.8	8.8#

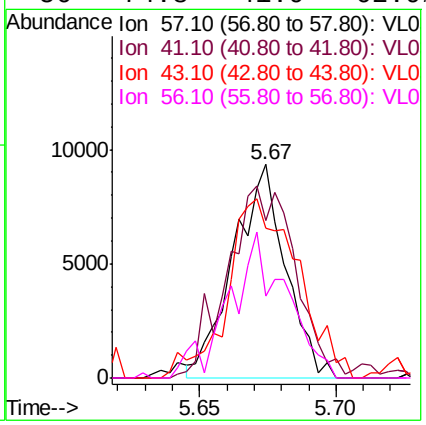


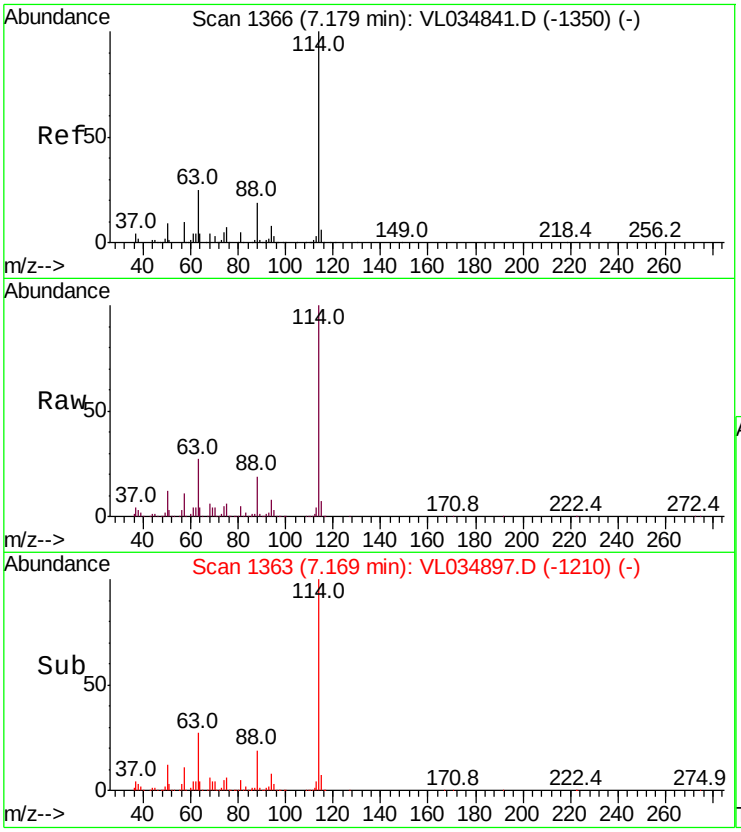


#26
Hexane
Concen: 0.144 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.00 min
Lab File: VL034897.D
Acq: 16 Mar 2020 19:24

Tgt Ion: 57 Resp: 12441

Ion	Ratio	Lower	Upper
57	100		
41	120.5	72.6	109.0#
43	113.0	183.8	275.6#
56	74.8	41.9	62.9#



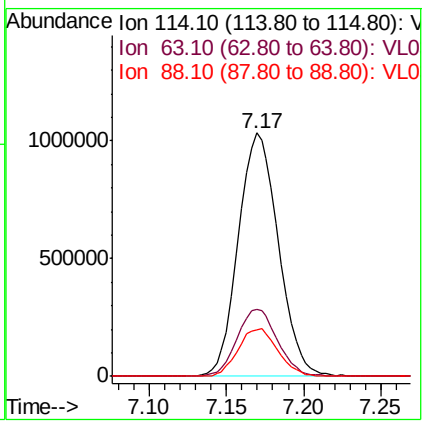


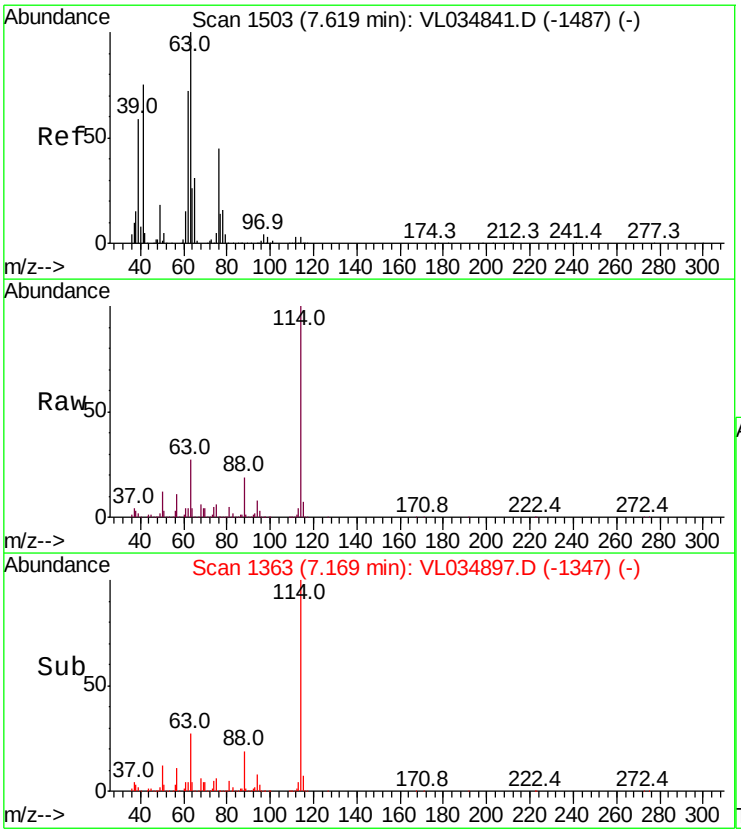
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VL034897.D
Acq: 16 Mar 2020 19:24

Instrument :
MSVOA_L
ClientSampleId :
OA-01DL

Tgt Ion:114 Resp: 1863060

Ion	Ratio	Lower	Upper
114	100		
63	28.1	20.6	31.0
88	19.6	15.0	22.6

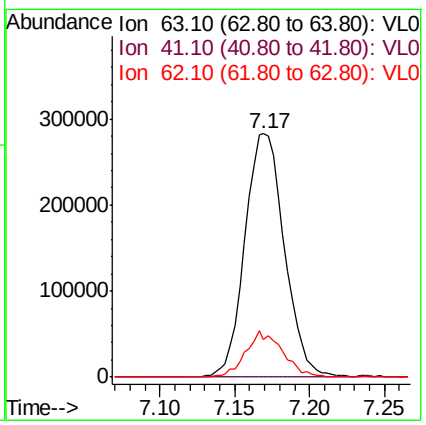


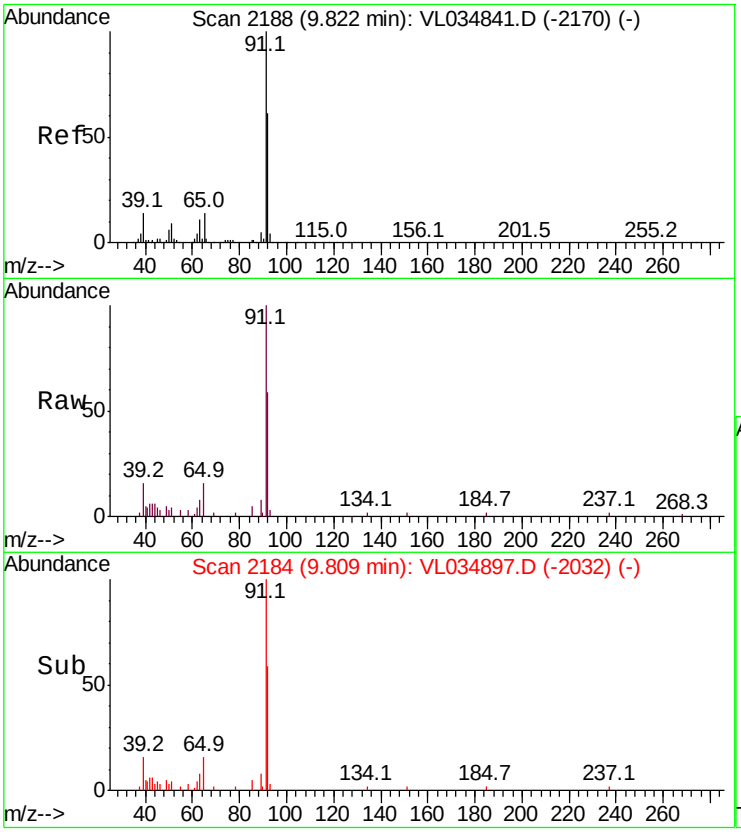


#39
1,2-Dichloropropane
Concen: 7.901 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.45 min
Lab File: VL034897.D
Acq: 16 Mar 2020 19:24

Tgt Ion: 63 Resp: 519826

Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.8	89.8#
62	15.7	57.6	86.4#



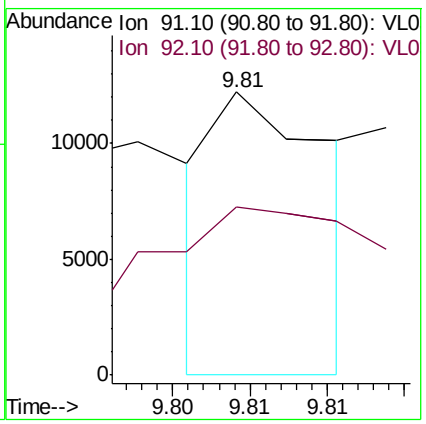


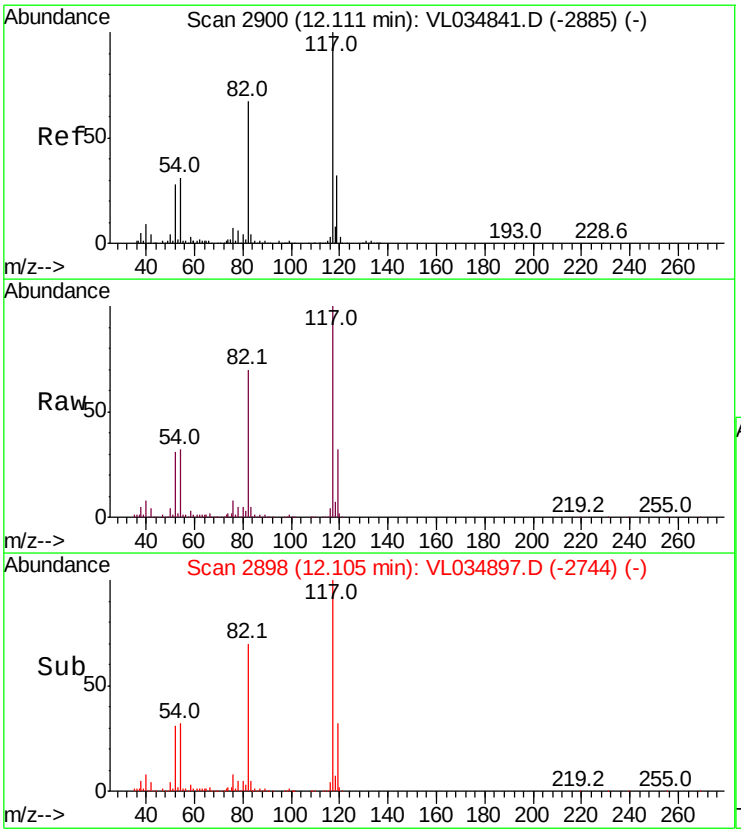
#53
Toluene
Concen: 0.033 ppbv
RT: 9.81 min Scan# 2184
Delta R.T. -0.01 min
Lab File: VL034897.D
Acq: 16 Mar 2020 19:24

Instrument :
MSVOA_L
ClientSampleId :
OA-01DL

Tgt Ion: 91 Resp: 6286

Ion	Ratio	Lower	Upper
91	100		
92	214.9	48.6	72.8#

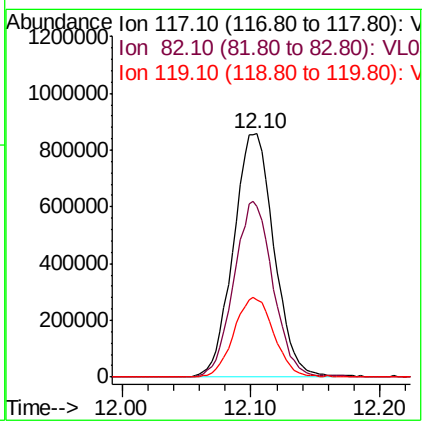


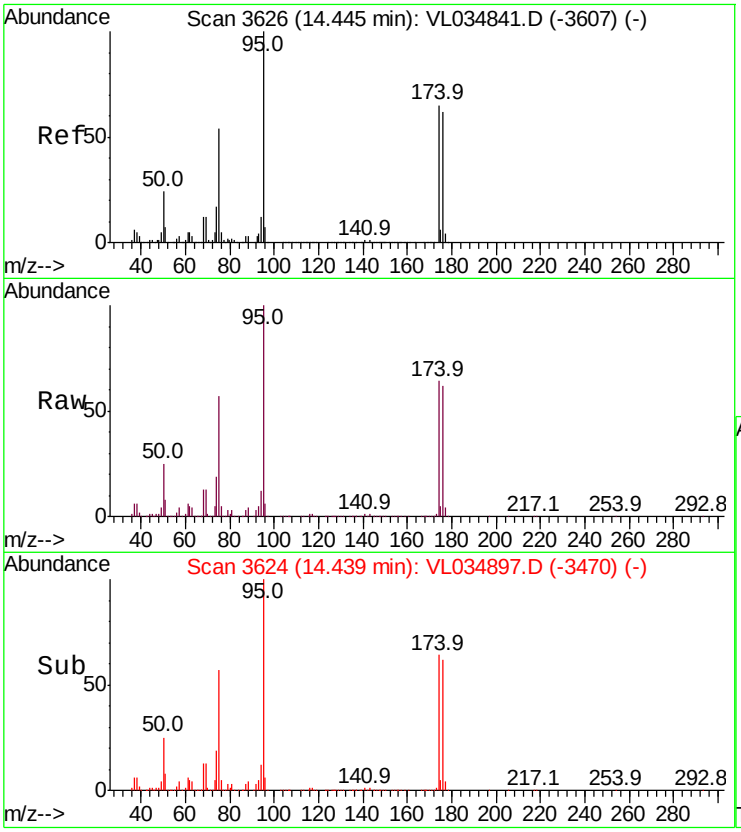


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.01 min
Lab File: VL034897.D
Acq: 16 Mar 2020 19:24

Tgt Ion:117 Resp: 1873392

Ion	Ratio	Lower	Upper
117	100		
82	70.0	51.1	76.7
119	32.5	27.3	40.9





#68
1-Bromo-4-Fluorobenzene
Concen: 10.203 ppbv
RT: 14.44 min Scan# 3624
Delta R.T. -0.01 min
Lab File: VL034897.D
Acq: 16 Mar 2020 19:24

Instrument :
MSVOA_L
ClientSampleId :
OA-01DL

Tgt Ion: 95 Resp: 1490683

Ion	Ratio	Lower	Upper
95	100		
174	65.7	55.2	82.8
175	4.8	4.3	6.5