Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL051419\

Quantitation Report (Not Reviewed)

Data File : VL033694.D
Acq On : 14 May 2019 16:58
Operator : SY/AP
Sample : K2730-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SS02

Quant Time: May 15 02:35:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon May 06 15:19:01 2019
QLast Update : Mon May 06 15:19:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.76	49	989977	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.29	114	2593894	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.24	117	2452823	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.57	95	2178162	10.83	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 108.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.07	85	30947	0.133	ppbv		96
3) Chlorodifluoromethane	3.01	51	22583	0.158	ppbv	#	90
4) Chloromethane	3.17	50	30390	0.409	ppbv		98
6) Bromomethane	3.52	94	803	0.017	ppbv	#	75
7) Chloroethane	3.60	64	1005	0.038	ppbv	#	88
9) Propene	3.24	41	3287511	60.316	ppbv		96
10) Heptane	8.25	43	14006	0.104	ppbv	#	26
11) Trichlorofluoromethane	4.01	101	19589	0.090	ppbv	#	78
12) 1,1,2-Trichlorotrifluoroet	4.56	101	4855	0.033	ppbv	#	70
13) Ethanol	3.66	45	303561	18.555	ppbv		98
15) Acetone	3.89	43	6503780	44.160	ppbv	#	74
16) 1,3-Butadiene	3.34	39	199815	3.163	ppbv	#	7
17) tert-Butyl alcohol	4.37	59	96994	0.867	ppbv	#	72
19) Isopropyl Alcohol	4.04	45	568203	6.280	ppbv	#	93
20) Methylene Chloride	4.41	84	27340	0.489	ppbv		91
21) Allyl Chloride	4.67	41	698053	7.830	ppbv	#	60
23) Vinyl Acetate	5.14	43	2195969	11.475	ppbv	#	1
24) 1,1-Dichloroethane	5.09	63	3992	0.028	ppbv	#	89
25) Ethyl Acetate	5.79	43	473527	1.976	ppbv	#	78
26) Hexane	5.79	57	683878	6.640	ppbv	#	40
27) Carbon Disulfide	4.62	76	89678	0.637	ppbv		95
28) Methyl tert-Butyl Ether	5.12	73	2195	0.013	ppbv	#	54
30) Cyclohexane	7.25	84	5920989	68.454	ppbv		90
34) 2-Butanone	5.33	43	393043	2.366	ppbv		96
36) Benzene	7.00	78	240770	1.035	ppbv		98
37) 1,2-Dichloroethane	6.43	62	39138	0.241	ppbv	#	85
39) 1,2-Dichloropropane	7.92	63	7381	0.085	ppbv	#	1
41) Tetrahydrofuran	6.12	42	28624	0.333	ppbv	#	48
42) Bromodichloromethane	7.92	83	374823	1.789	ppbv	#	25
43) Methyl Methacrylate	7.99	69	813011	9.293	ppbv	#	60
44) 2,2,4-Trimethylpentane	7.99	57	369256	0.928	ppbv	#	1
47) 1,1,2-Trichloroethane	9.70	97	50063	0.503	ppbv	#	58
50) 4-Methyl-2-Pentanone	8.88	43	12586	0.050	ppbv	#	39
52) Tetrachloroethene	11.37	164	2199	0.027	ppbv	#	33
53) Toluene	9.94	91	262040	1.043	ppbv		97
57) Chlorobenzene	12.29	112	2099	0.010	ppbv	#	41
58) Ethyl Benzene	12.86	91	143903	0.450	ppbv		96
59) m/p-Xylene	13.11	91	509216	1.807	ppbv		98
60) o-Xylene	13.84	91	228708	0.802	ppbv		97
61) Styrene	13.68	104	14712	0.077	ppbv	#	70
62) Isopropylbenzene	14.82	105	1084531	2.786	ppbv		100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL051419\

Quantitation Report (Not Reviewed)

Data File : VL033694.D
Acq On : 14 May 2019 16:58
Operator : SY/AP
Sample : K2730-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SS02

Quant Time: May 15 02:35:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon May 06 15:19:01 2019
QLast Update : Mon May 06 15:19:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
64) n-propylbenzene	16.00	120	2874	0.029	ppbv		67
65) tert-Butylbenzene	16.91	119	17755	0.050	ppbv	#	73
67) sec-Butylbenzene	17.45	105	5566	0.011	ppbv	#	59
69) p-Isopropyltoluene	17.81	119	9366	0.023	ppbv	#	11
71) 2-Chlorotoluene	15.72	91	13061	0.045	ppbv		89
72) 4-Ethyltoluene	16.00	105	16745	0.050	ppbv	#	45
73) 1,3,5-Trimethylbenzene	16.15	105	82287	0.254	ppbv		99
74) 1,2,4-Trimethylbenzene	16.92	105	144872	0.402	ppbv	#	76
79) Naphthalene	22.41	128	8507	0.026	ppbv	#	63
80) Naphthalene,2-methyl-	25.13	142	3513	0.028	ppbv	#	82

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

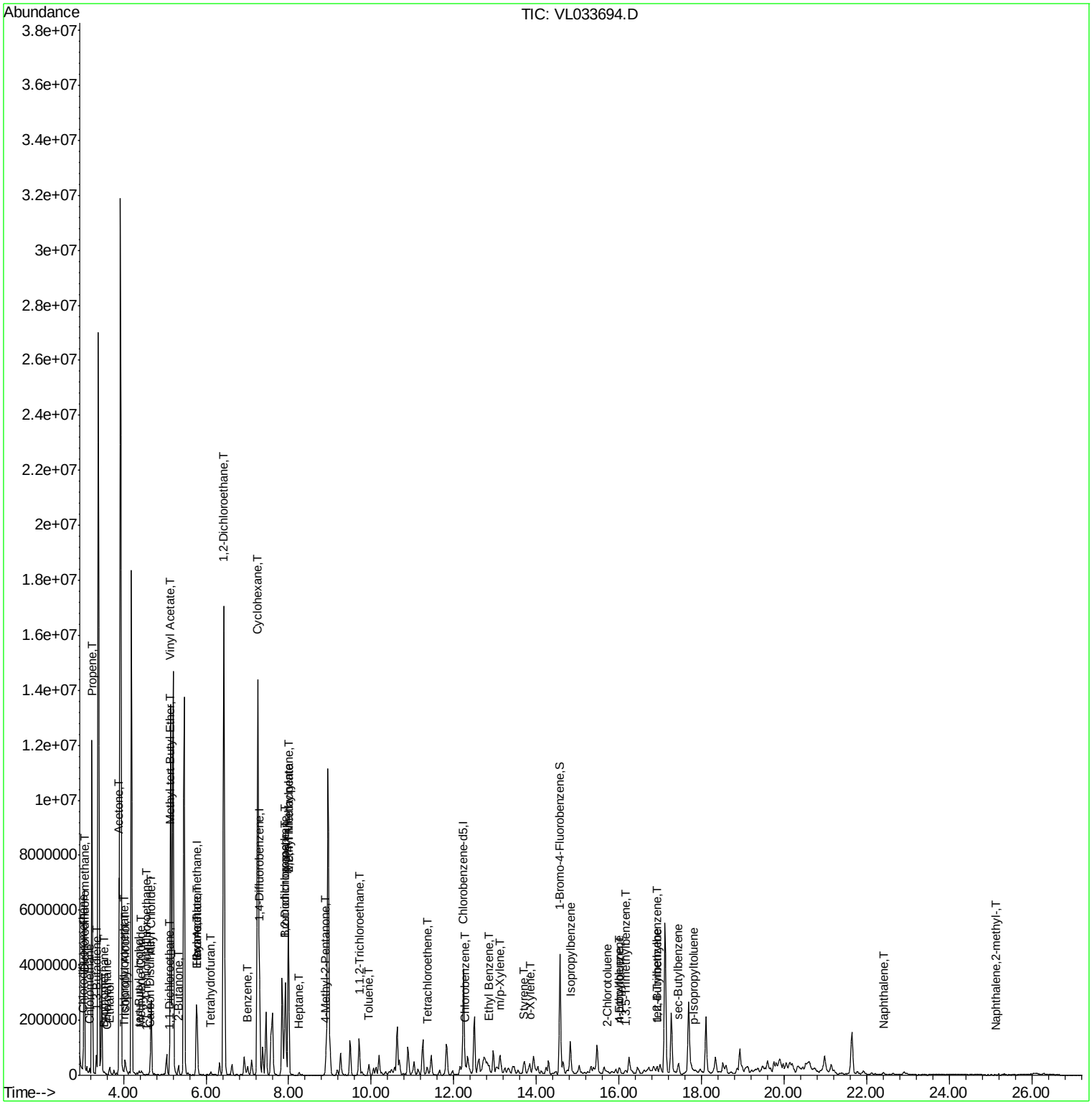
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL051419\

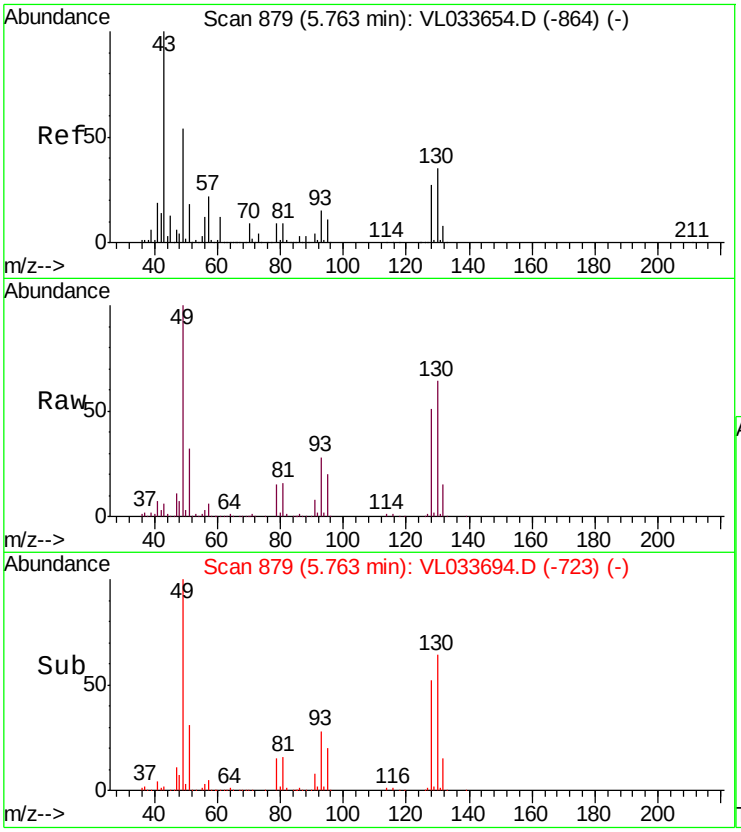
Quantitation Report (Not Reviewed)

Data File : VL033694.D
Acq On : 14 May 2019 16:58
Operator : SY/AP
Sample : K2730-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SS02

Quant Time: May 15 02:35:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon May 06 15:19:01 2019
QLast Update : Mon May 06 15:19:01 2019
Response via : Initial Calibration



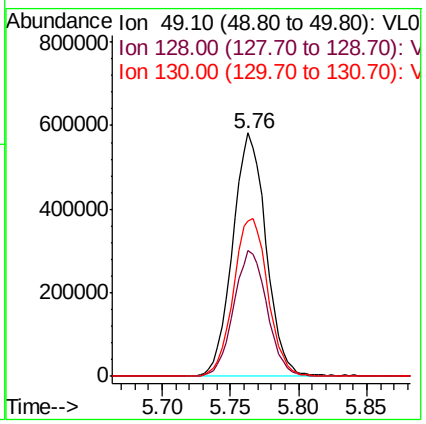


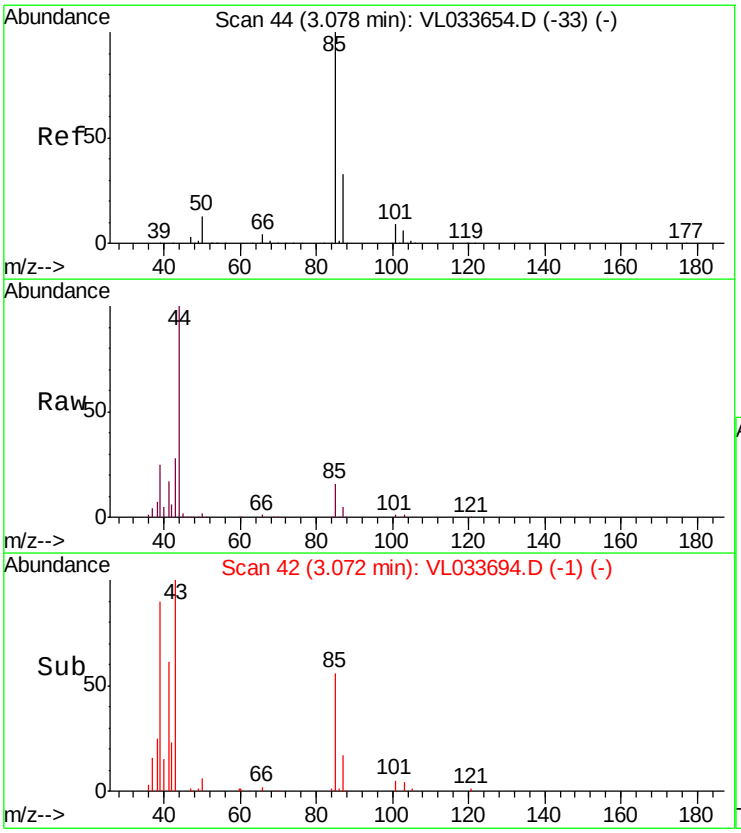
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 879
Delta R.T. 0.00 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Instrument :
MSVOA_L
ClientSampleId :
SS02

Tgt Ion: 49 Resp: 989977

Ion	Ratio	Lower	Upper
49	100		
128	52.0	24.8	74.3
130	67.1	32.1	96.5

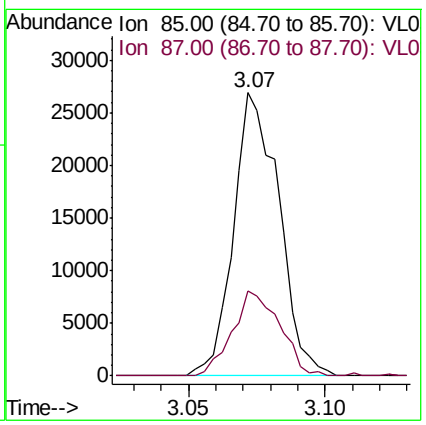


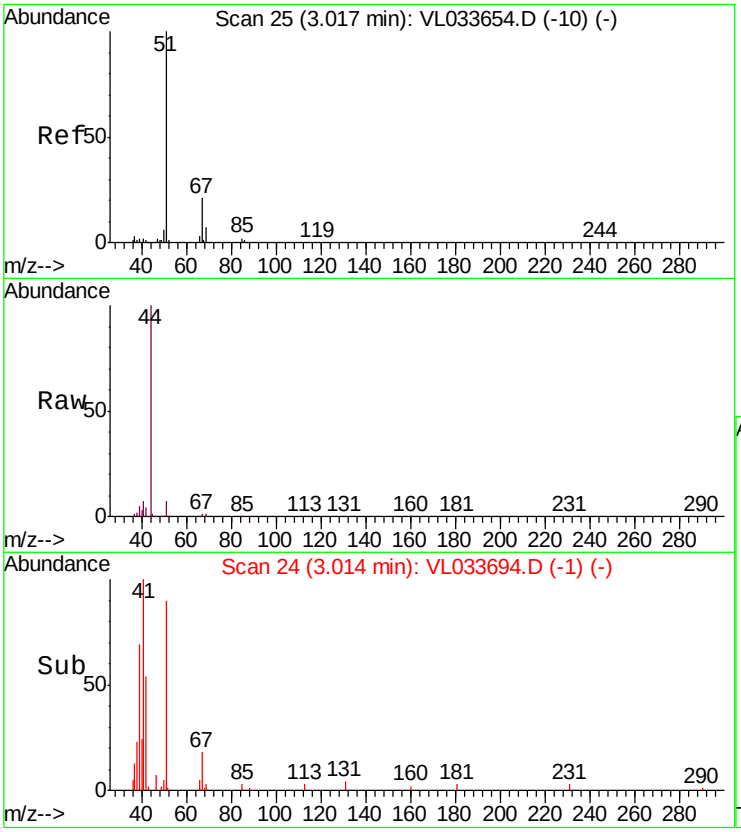


#2
Dichlorodifluoromethane
Concen: 0.133 ppbv
RT: 3.07 min Scan# 42
Delta R.T. -0.01 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Tgt Ion: 85 Resp: 30947

Ion	Ratio	Lower	Upper
85	100		
87	30.1	26.0	39.0



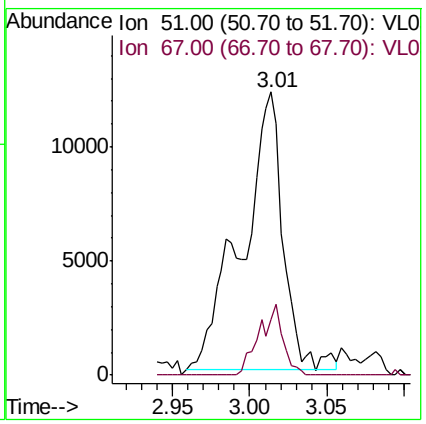


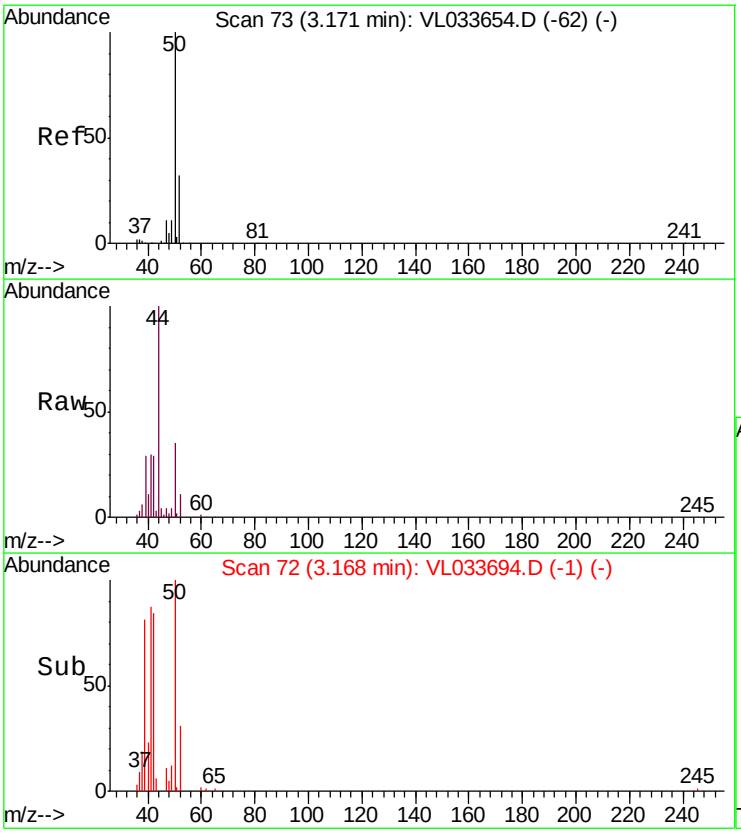
#3
Chlorodifluoromethane
Concen: 0.158 ppbv
RT: 3.01 min Scan# 24
Delta R.T. -0.00 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Instrument :
MSVOA_L
ClientSampleId :
SS02

Tgt Ion: 51 Resp: 22583

Ion	Ratio	Lower	Upper
51	100		
67	14.8	15.7	23.5#

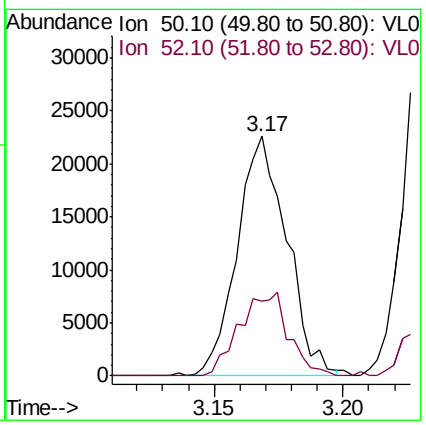


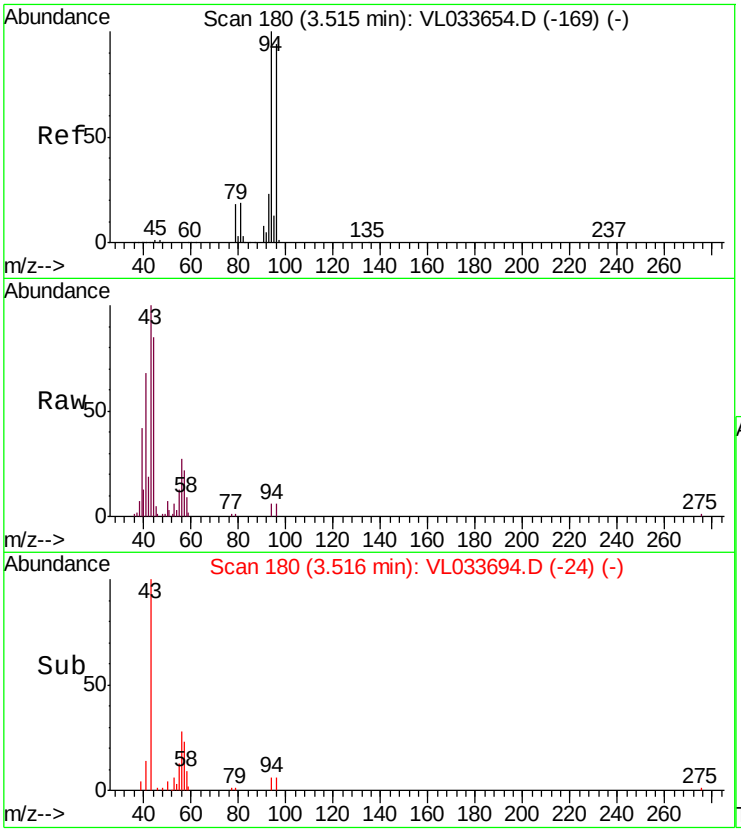


#4
Chloromethane
Concen: 0.409 ppbv
RT: 3.17 min Scan# 72
Delta R.T. -0.00 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Tgt Ion: 50 Resp: 30390

Ion	Ratio	Lower	Upper
50	100		
52	31.3	25.8	38.8



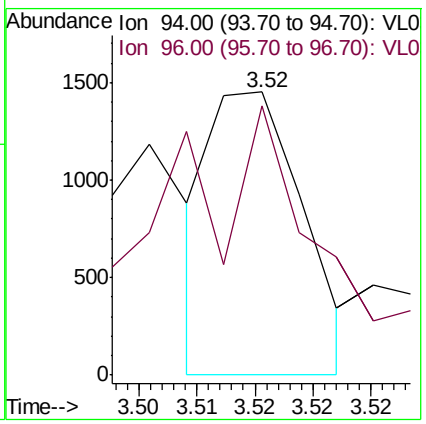


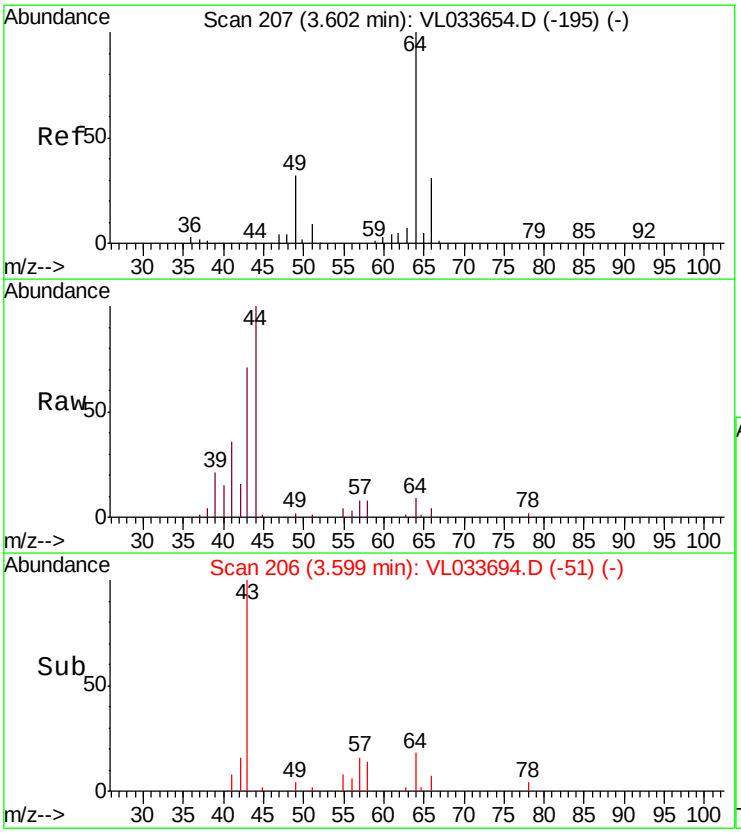
#6
Bromomethane
Concen: 0.017 ppbv
RT: 3.52 min Scan# 180
Delta R.T. 0.00 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Instrument :
MSVOA_L
ClientSampleId :
SS02

Tgt Ion: 94 Resp: 803

Ion	Ratio	Lower	Upper
94	100		
96	69.7	75.2	112.8#

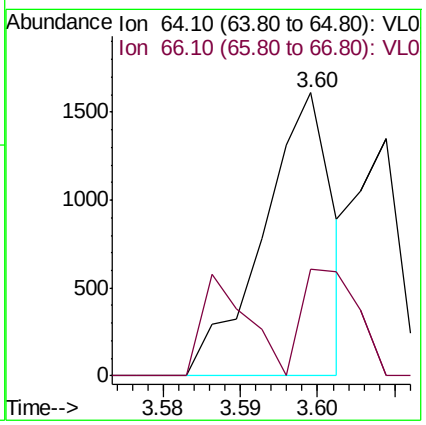


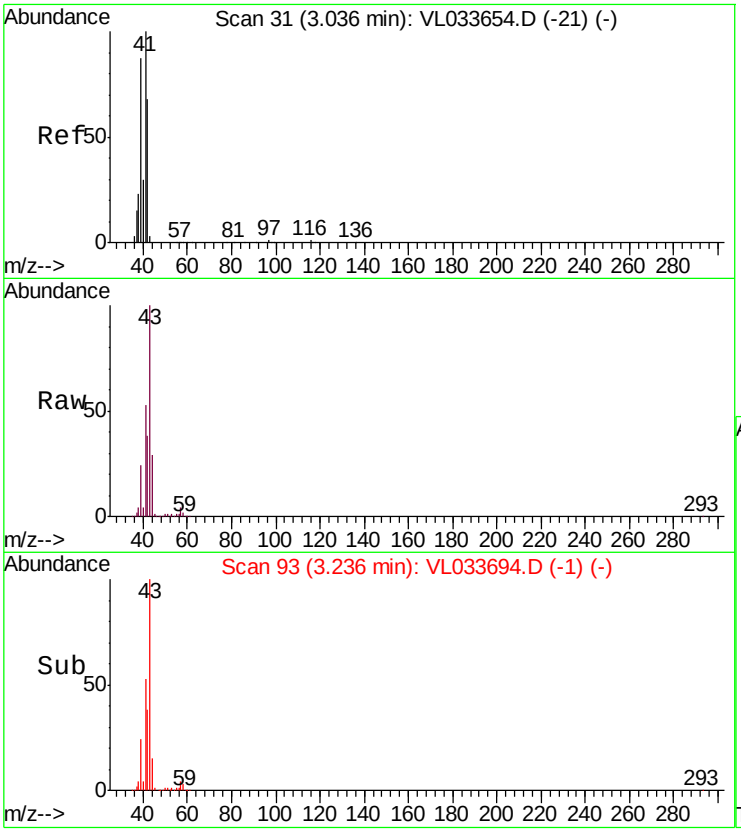


#7
Chloroethane
Concen: 0.038 ppbv
RT: 3.60 min Scan# 206
Delta R.T. -0.00 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Tgt Ion: 64 Resp: 1005

Ion	Ratio	Lower	Upper
64	100		
66	37.8	25.1	37.7#



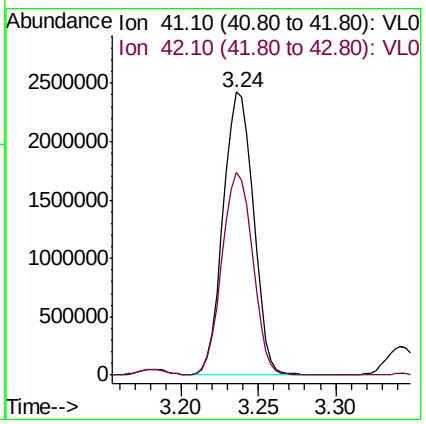


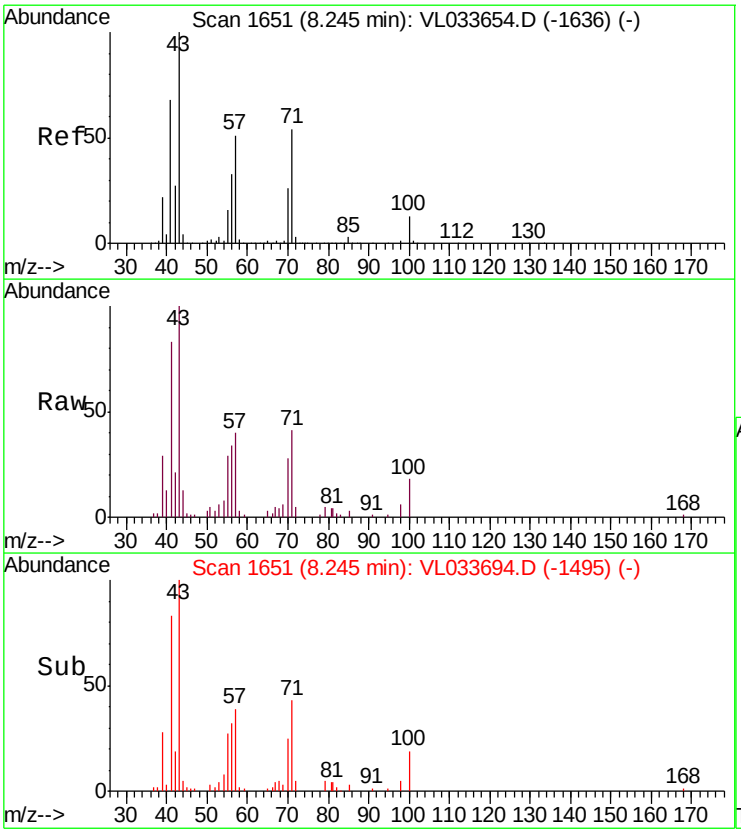
#9
Propene
Concen: 60.316 ppbv
RT: 3.24 min Scan# 93
Delta R.T. 0.20 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Instrument :
MSVOA_L
ClientSampleId :
SS02

Tgt Ion: 41 Resp: 3287511

Ion	Ratio	Lower	Upper
41	100		
42	72.6	55.6	83.4

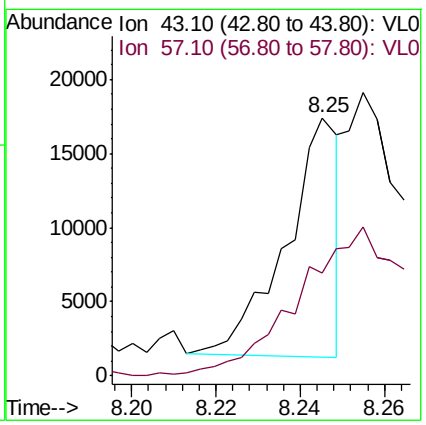


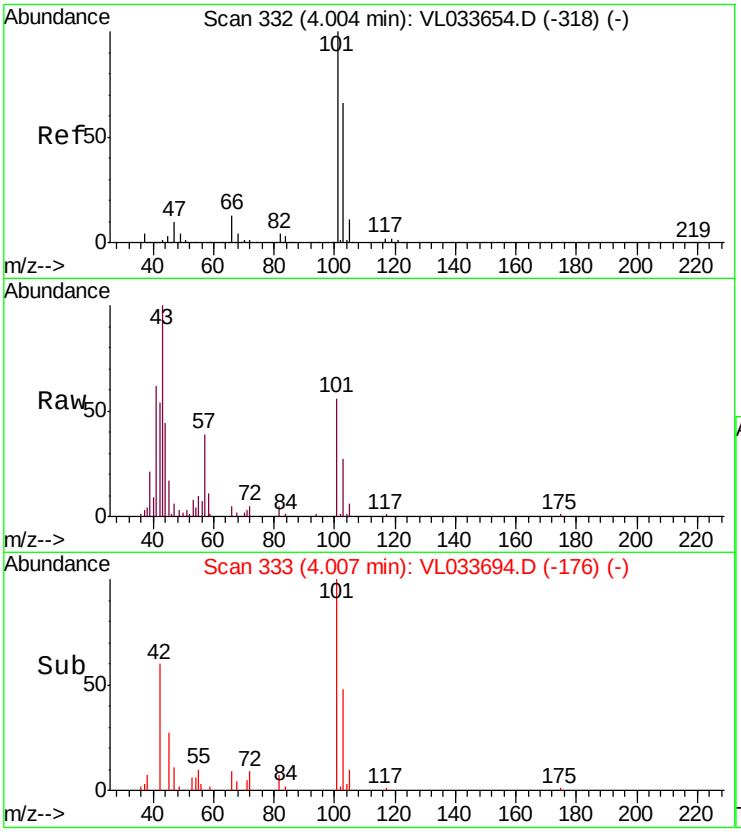


#10
Heptane
Concen: 0.104 ppbv
RT: 8.25 min Scan# 1651
Delta R.T. 0.00 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Tgt Ion: 43 Resp: 14006

Ion	Ratio	Lower	Upper
43	100		
57	0.0	41.8	62.6#



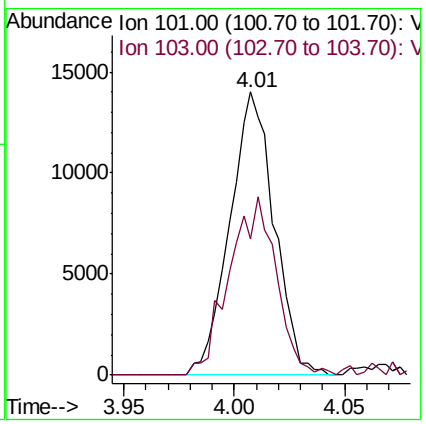


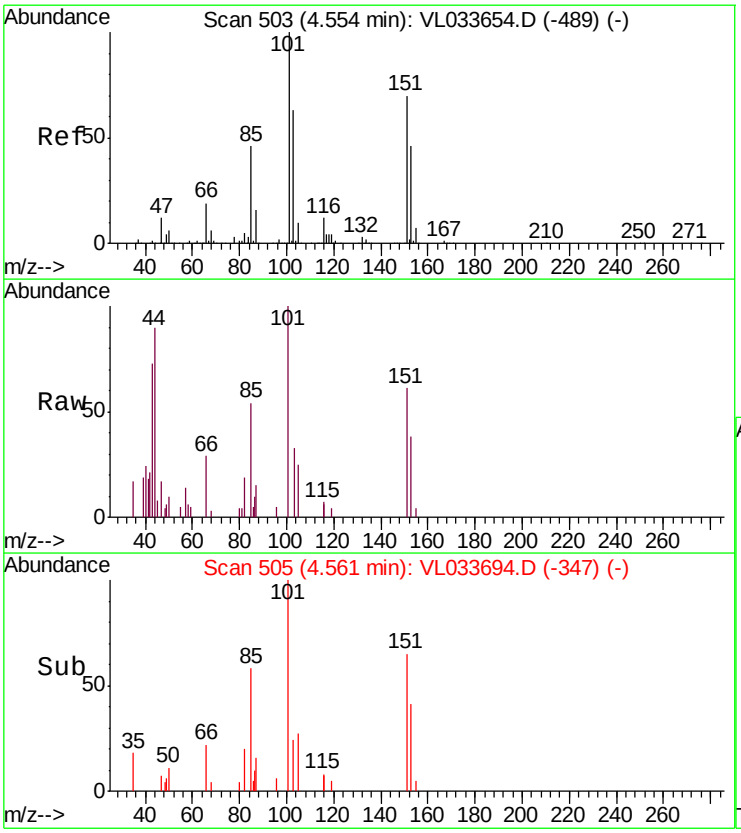
#11
Trichlorofluoromethane
Concen: 0.090 ppbv
RT: 4.01 min Scan# 333
Delta R.T. 0.00 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Instrument :
MSVOA_L
ClientSampleId :
SS02

Tgt Ion:101 Resp: 19589

Ion	Ratio	Lower	Upper
101	100		
103	48.2	52.7	79.1#

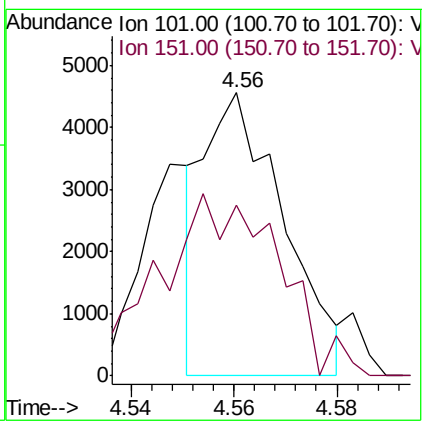


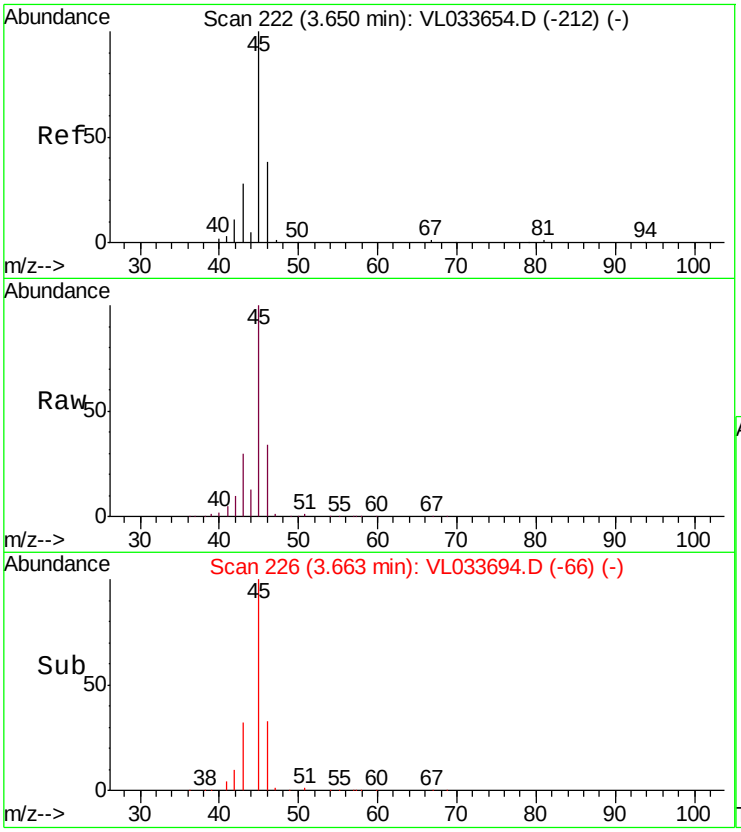


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.033 ppbv
RT: 4.56 min Scan# 505
Delta R.T. 0.01 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Tgt Ion:101 Resp: 4855

Ion	Ratio	Lower	Upper
101	100		
151	97.7	58.0	87.0#



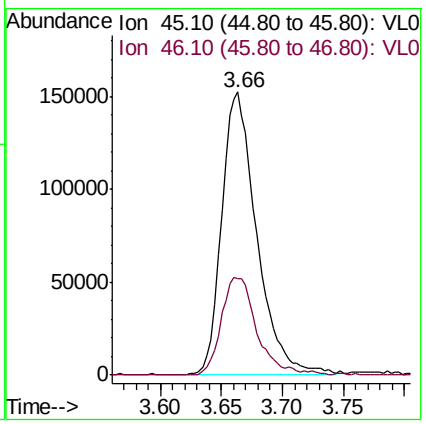


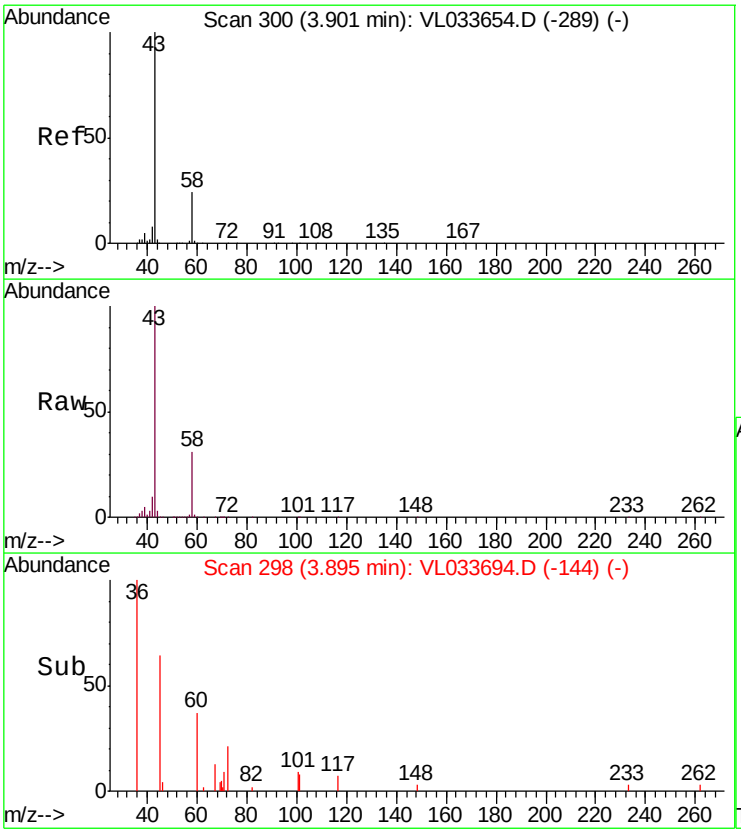
#13
Ethanol
Concen: 18.555 ppbv
RT: 3.66 min Scan# 226
Delta R.T. 0.01 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Instrument :
MSVOA_L
ClientSampleId :
SS02

Tgt Ion: 45 Resp: 303561

Ion	Ratio	Lower	Upper
45	100		
46	36.0	14.9	59.7

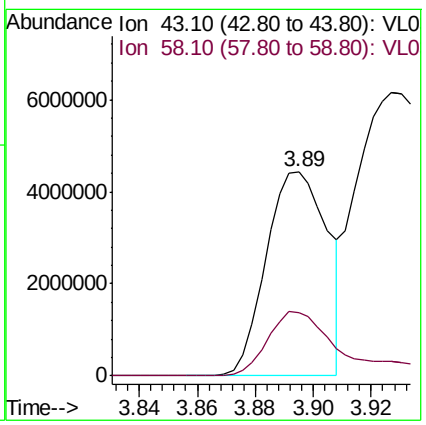


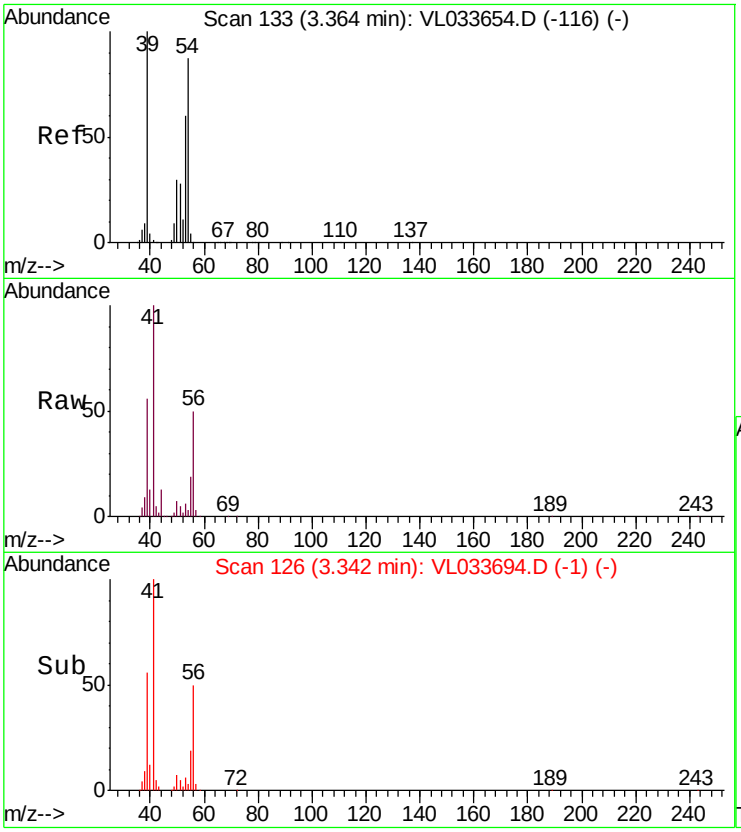


#15
Acetone
Concen: 44.160 ppbv
RT: 3.89 min Scan# 298
Delta R.T. -0.01 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Tgt Ion: 43 Resp: 6503780

Ion	Ratio	Lower	Upper
43	100		
58	39.2	20.9	31.3#



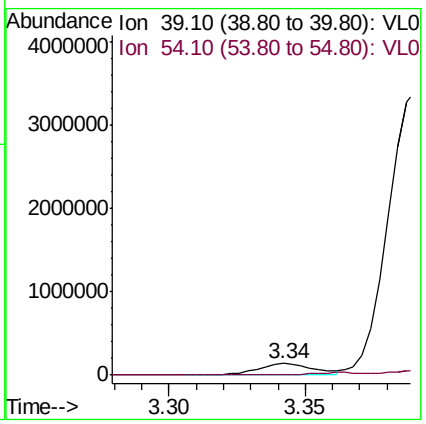


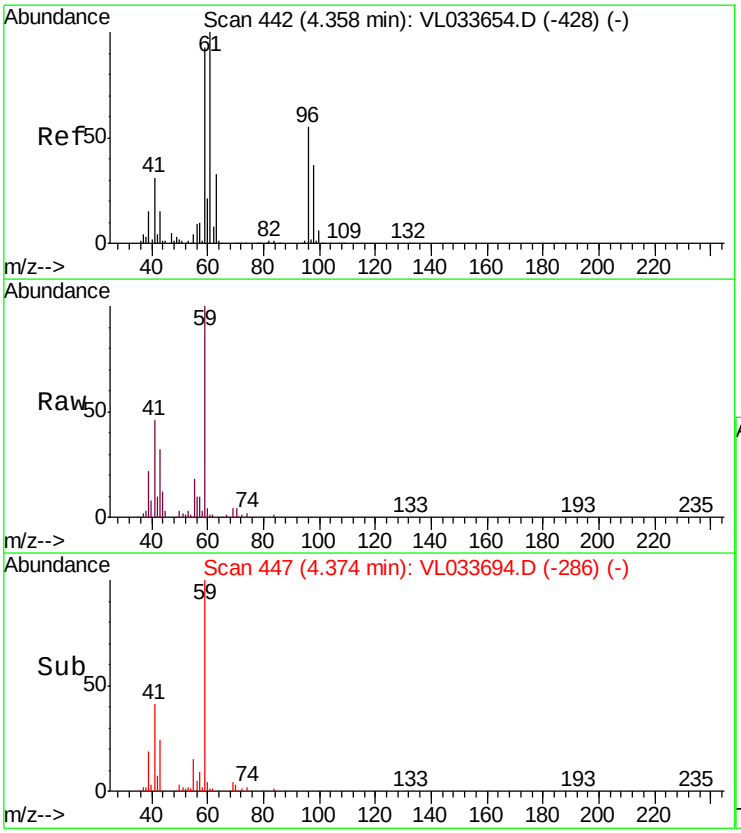
#16
1,3-Butadiene
Concen: 3.163 ppbv
RT: 3.34 min Scan# 126
Delta R.T. -0.02 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Instrument :
MSVOA_L
ClientSampleId :
SS02

Tgt Ion: 39 Resp: 199815

Ion	Ratio	Lower	Upper
39	100		
54	0.0	67.0	100.4#

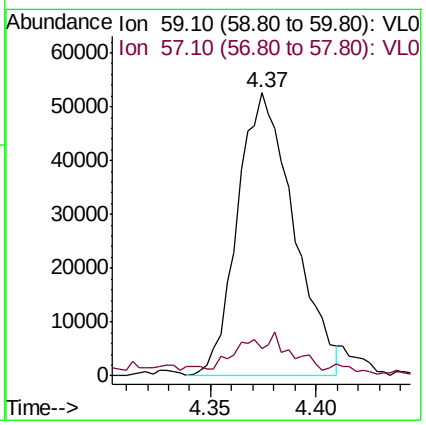


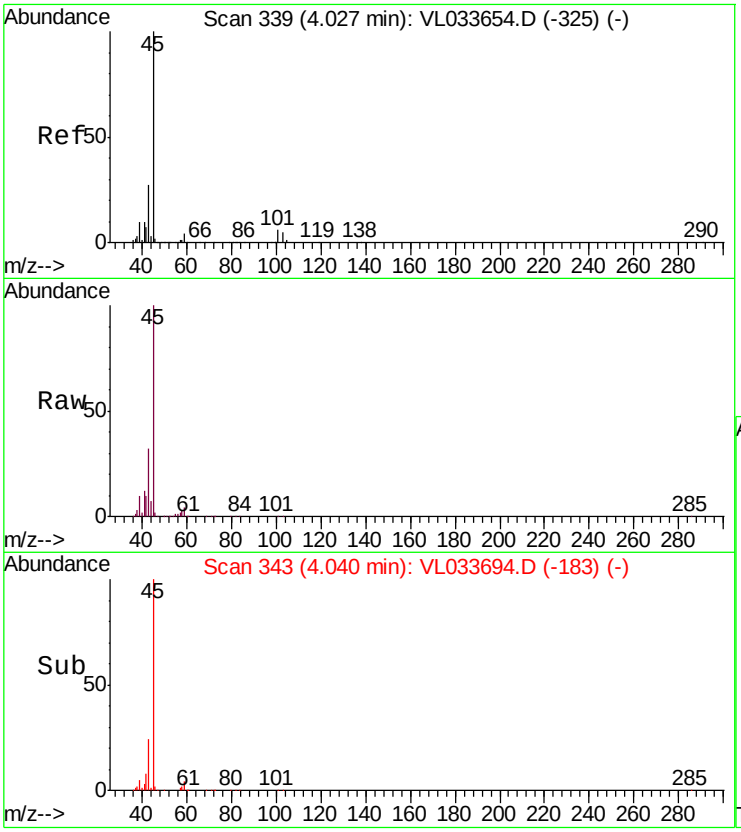


#17
tert-Butyl alcohol
Concen: 0.867 ppbv
RT: 4.37 min Scan# 447
Delta R.T. 0.02 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Tgt Ion: 59 Resp: 96994

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#



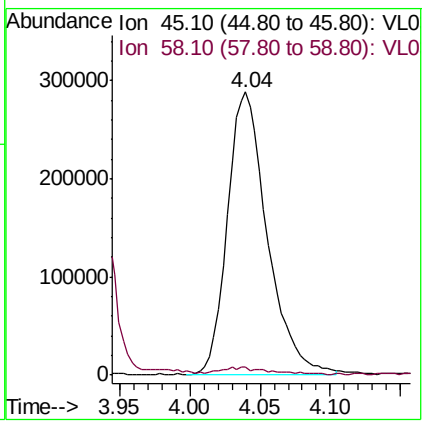


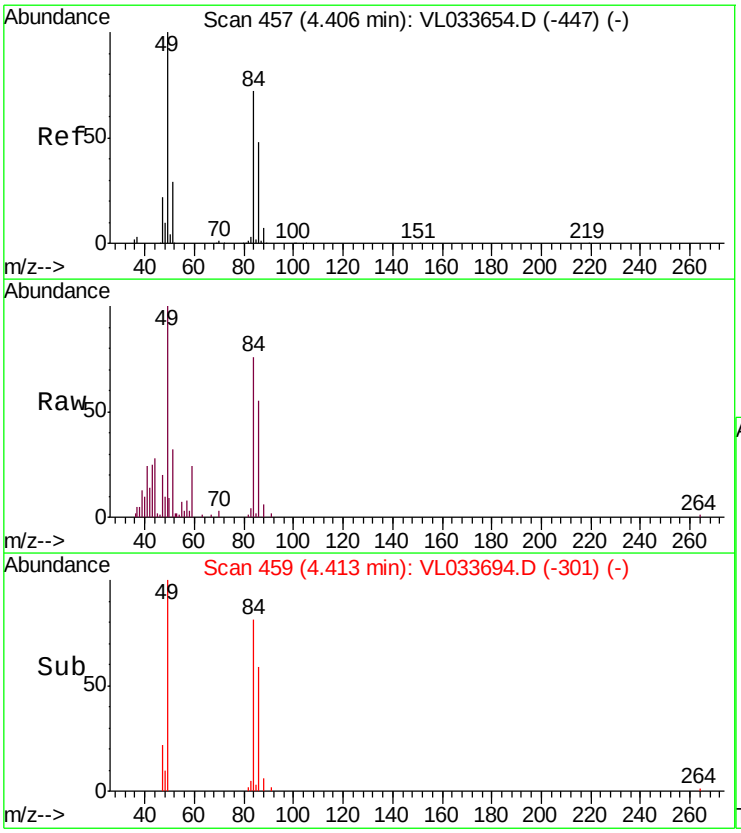
#19
Isopropyl Alcohol
Concen: 6.280 ppbv
RT: 4.04 min Scan# 343
Delta R.T. 0.01 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Instrument :
MSVOA_L
ClientSampleId :
SS02

Tgt Ion: 45 Resp: 568203

Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.0	3.0#

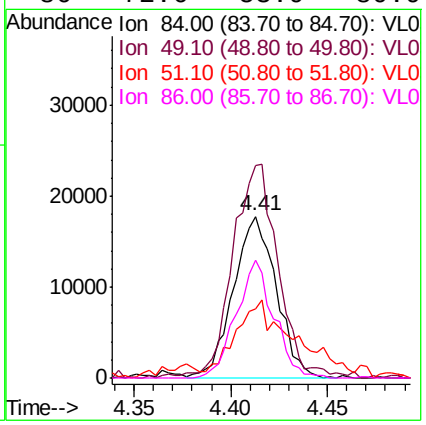


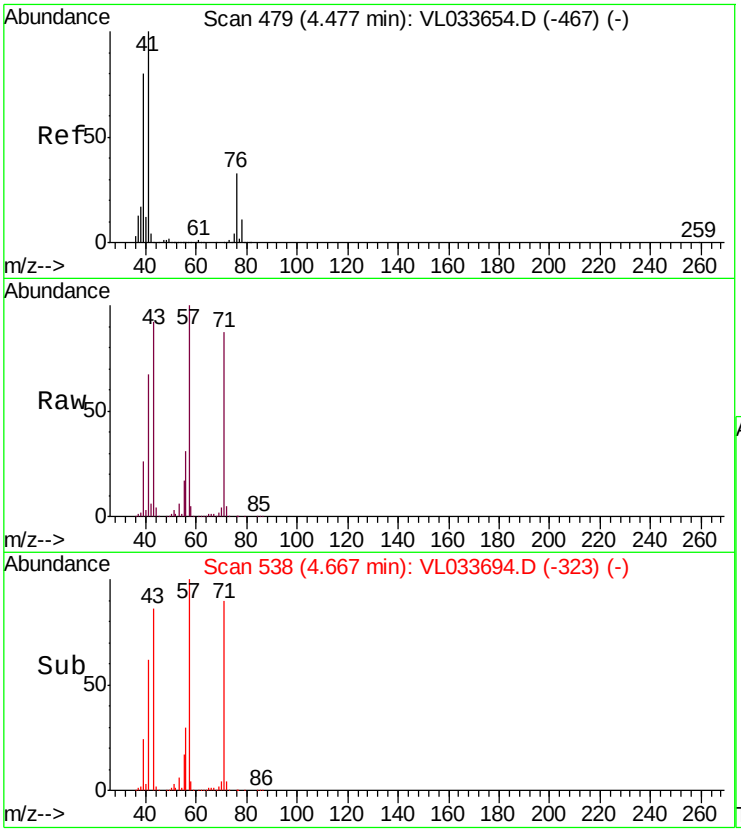


#20
Methylene Chloride
Concen: 0.489 ppbv
RT: 4.41 min Scan# 459
Delta R.T. 0.01 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Tgt Ion: 84 Resp: 27340

Ion	Ratio	Lower	Upper
84	100		
49	128.7	111.8	167.6
51	34.0	32.3	48.5
86	72.6	53.9	80.9



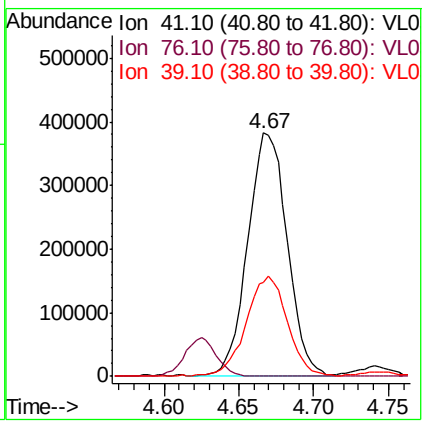


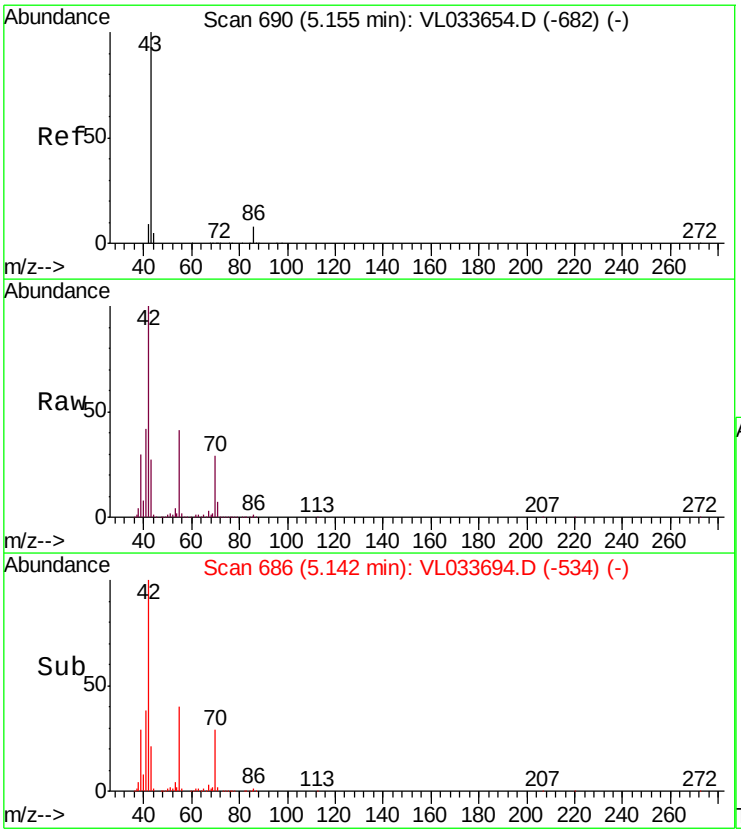
#21
Allyl Chloride
Concen: 7.830 ppbv
RT: 4.67 min Scan# 538
Delta R.T. 0.19 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Instrument : MSVOA_L
ClientSampleId : SS02

Tgt Ion: 41 Resp: 698053

Ion	Ratio	Lower	Upper
41	100		
76	13.0	26.0	39.0#
39	42.9	64.4	96.6#

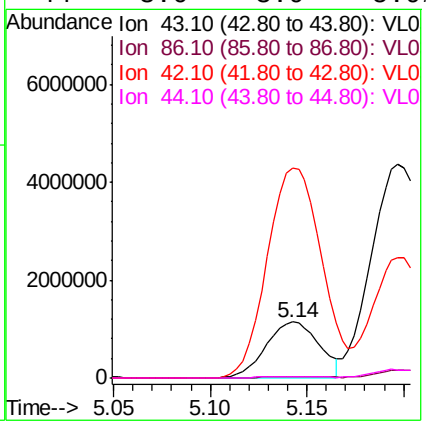


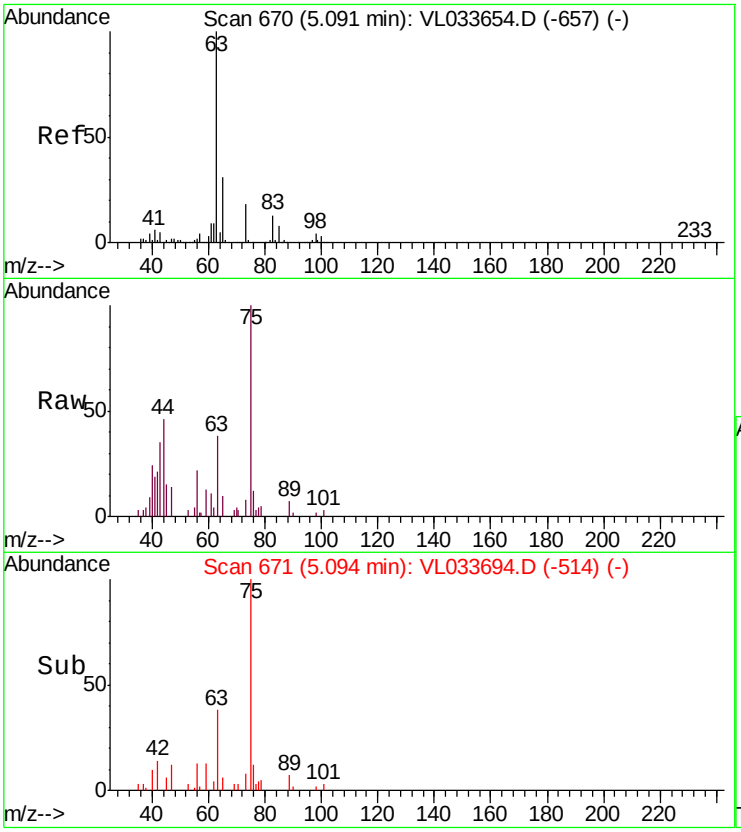


#23
Vinyl Acetate
Concen: 11.475 ppbv
RT: 5.14 min Scan# 686
Delta R.T. -0.01 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Tgt Ion: 43 Resp: 2195969

Ion	Ratio	Lower	Upper
43	100		
86	3.2	6.0	9.0#
42	377.6	8.0	12.0#
44	3.0	3.9	5.9#



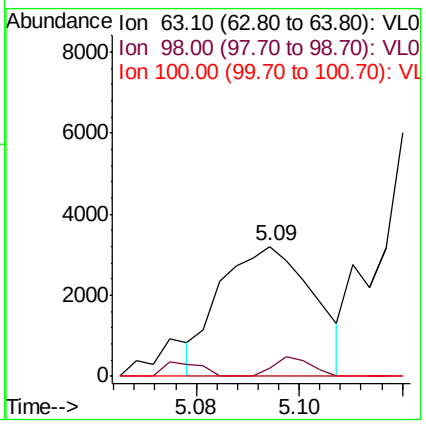


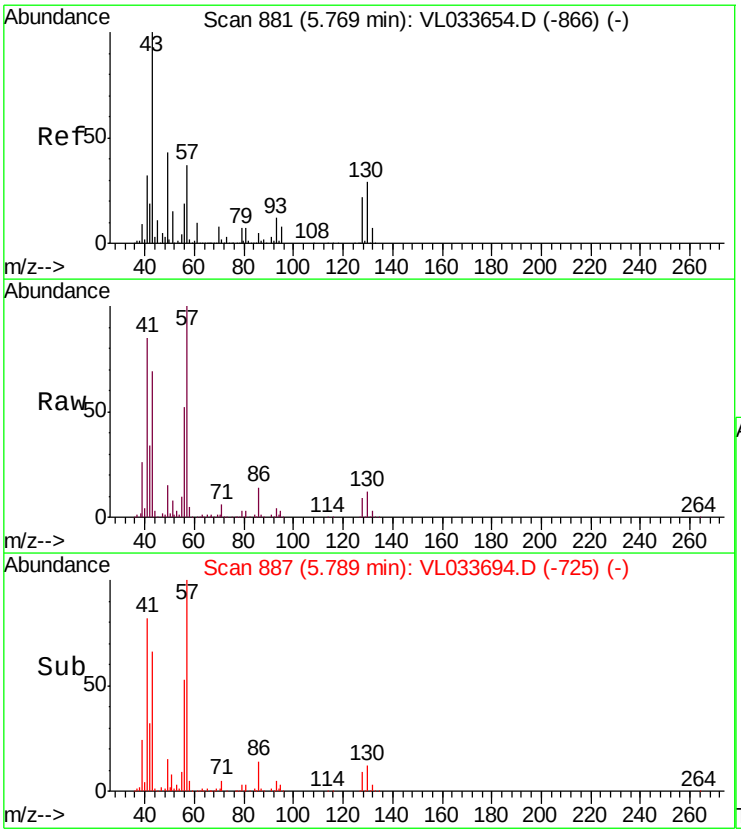
#24
1,1-Dichloroethane
Concen: 0.028 ppbv
RT: 5.09 min Scan# 671
Delta R.T. 0.00 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Instrument :
MSVOA_L
ClientSampleId :
SS02

Tgt Ion: 63 Resp: 3992

Ion	Ratio	Lower	Upper
63	100		
98	8.4	2.1	6.2#
100	0.0	1.5	4.4#

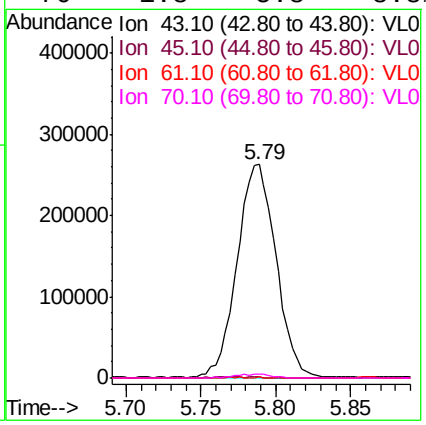


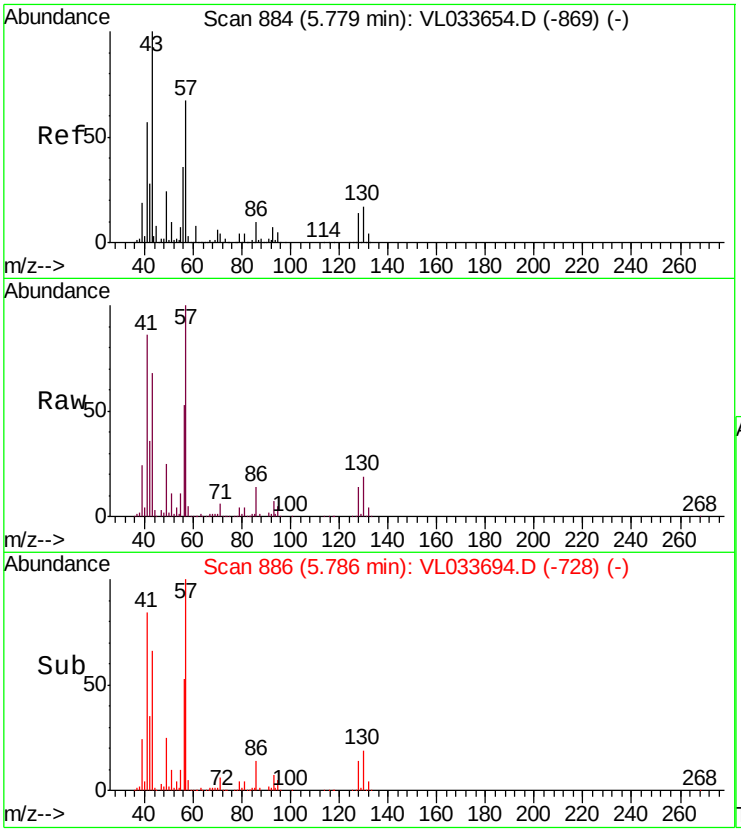


#25
Ethyl Acetate
Concen: 1.976 ppbv
RT: 5.79 min Scan# 887
Delta R.T. 0.02 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Tgt Ion: 43 Resp: 473527

Ion	Ratio	Lower	Upper
43	100		
45	0.8	8.0	12.0#
61	0.5	7.5	11.3#
70	1.8	5.8	8.8#



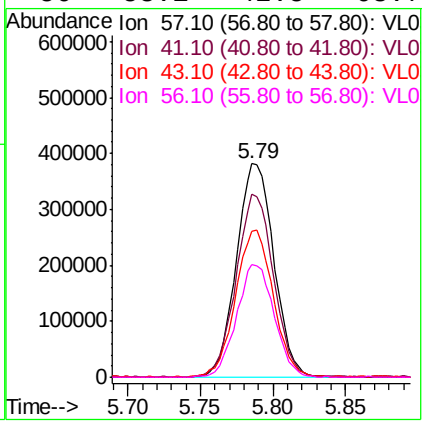


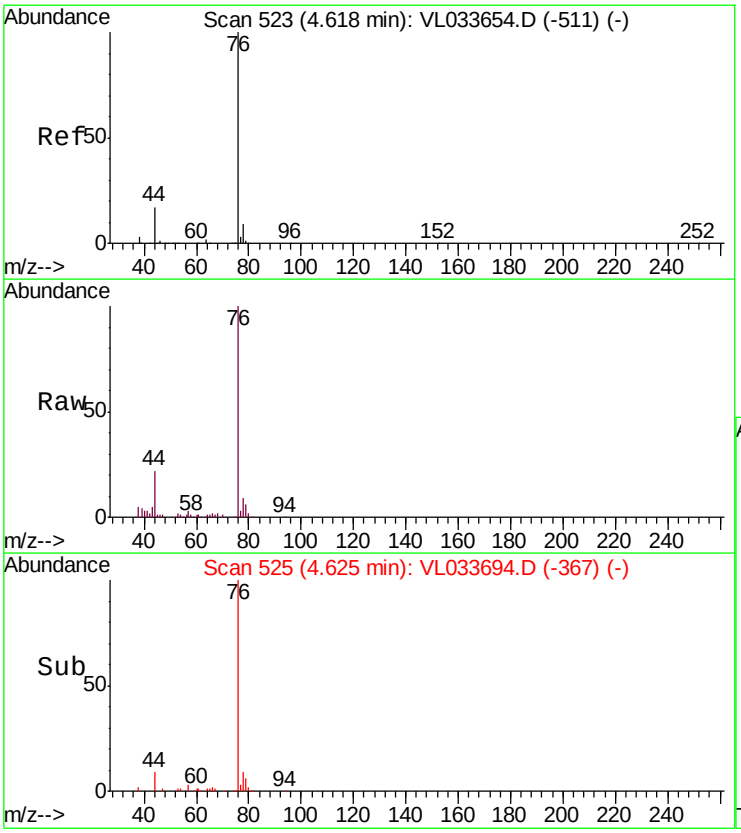
#26
Hexane
Concen: 6.640 ppbv
RT: 5.79 min Scan# 886
Delta R.T. 0.01 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Instrument : MSVOA_L
ClientSampleId : SS02

Tgt Ion: 57 Resp: 683878

Ion	Ratio	Lower	Upper
57	100		
41	85.9	69.7	104.5
43	69.2	181.9	272.9#
56	53.1	42.5	63.7

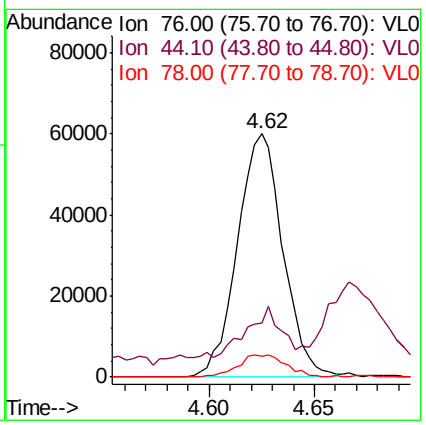


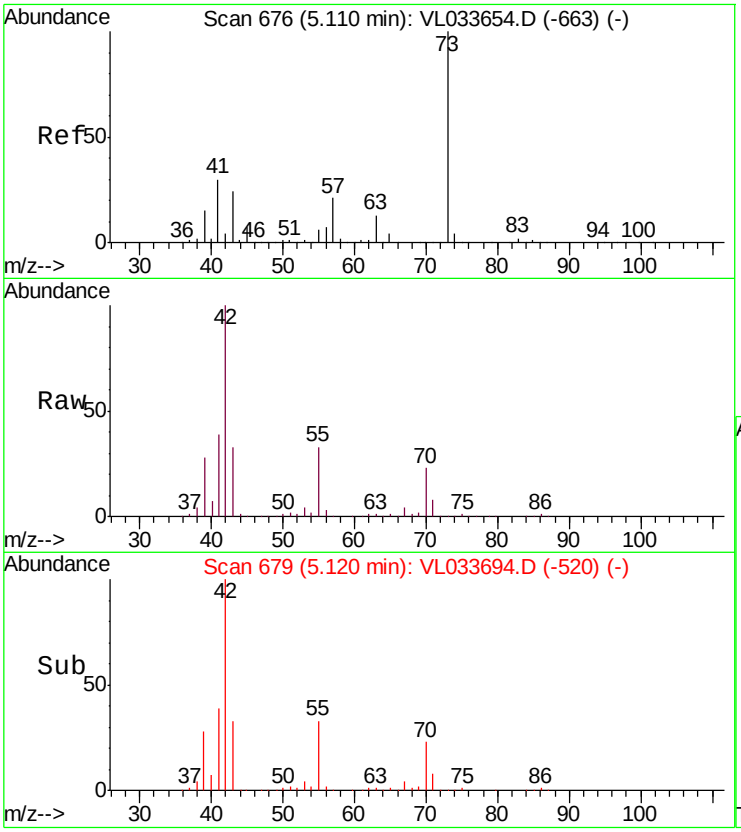


#27
Carbon Disulfide
Concen: 0.637 ppbv
RT: 4.62 min Scan# 525
Delta R.T. 0.01 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Tgt Ion: 76 Resp: 89678

Ion	Ratio	Lower	Upper
76	100		
44	21.3	14.4	21.6
78	9.9	7.4	11.2



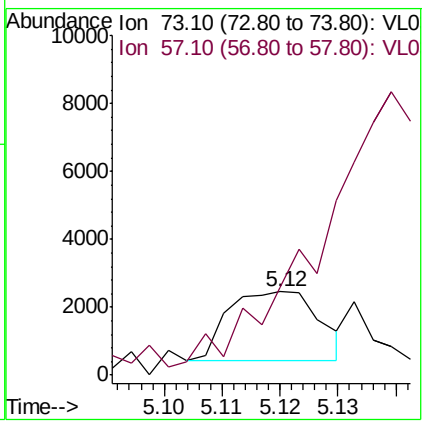


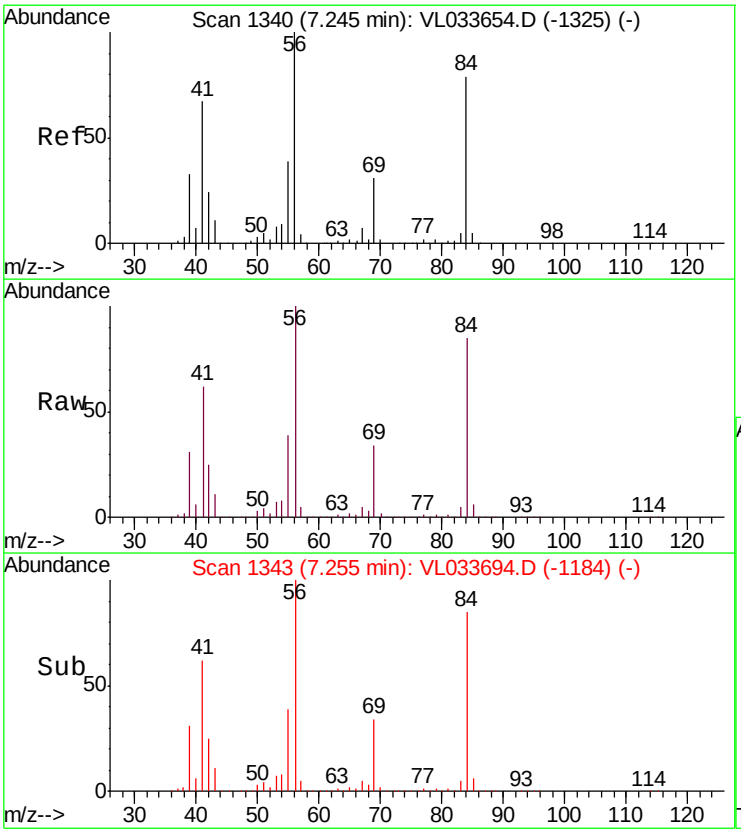
#28
Methyl tert-Butyl Ether
Concen: 0.013 ppbv
RT: 5.12 min Scan# 679
Delta R.T. 0.01 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Instrument :
MSVOA_L
ClientSampleId :
SS02

Tgt Ion: 73 Resp: 2195

Ion	Ratio	Lower	Upper
73	100		
57	0.0	17.4	26.0#

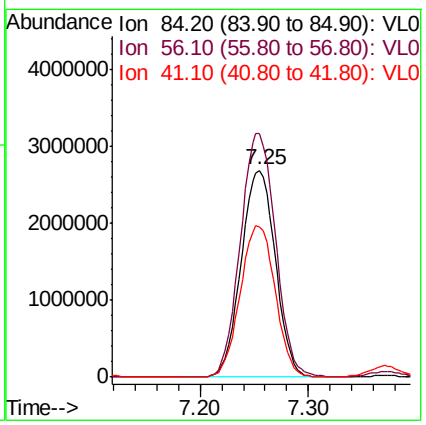


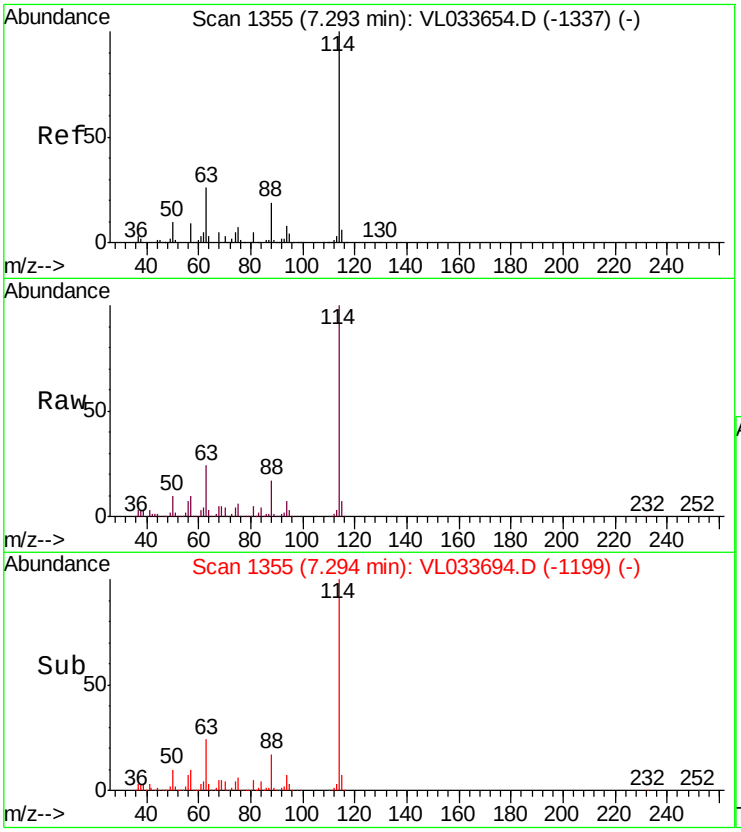


#30
Cyclohexane
Concen: 68.454 ppbv
RT: 7.25 min Scan# 1343
Delta R.T. 0.01 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Tgt Ion: 84 Resp: 5920989

Ion	Ratio	Lower	Upper
84	100		
56	121.4	107.0	160.4
41	74.7	66.6	99.8



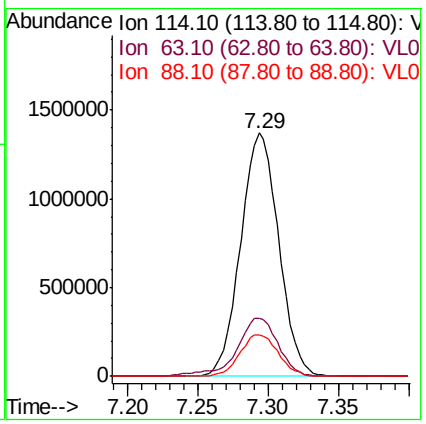


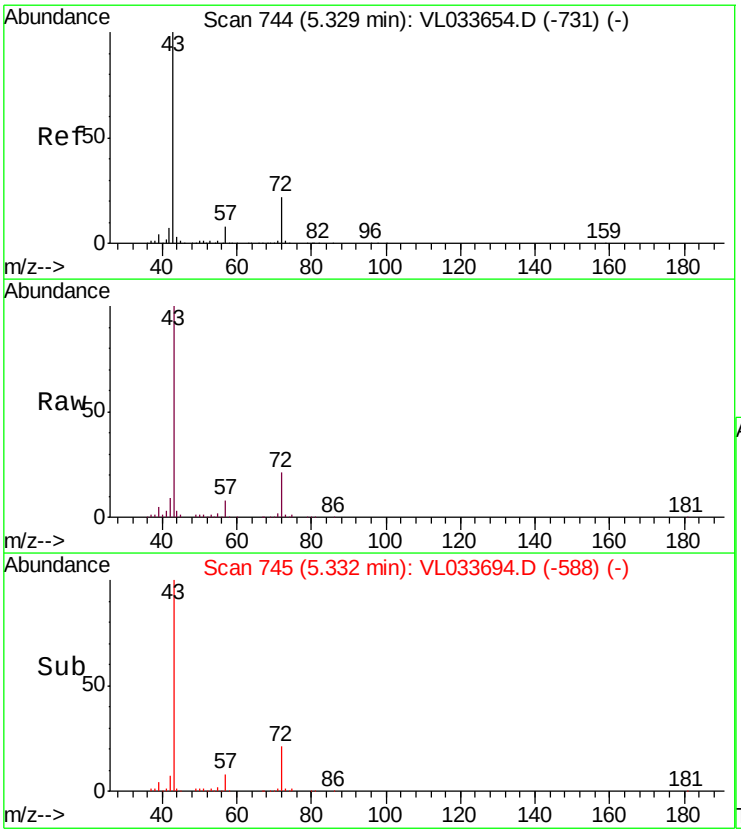
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. 0.00 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Instrument :
MSVOA_L
ClientSampleId :
SS02

Tgt Ion:114 Resp: 2593894

Ion	Ratio	Lower	Upper
114	100		
63	26.1	21.3	31.9
88	17.3	14.4	21.6

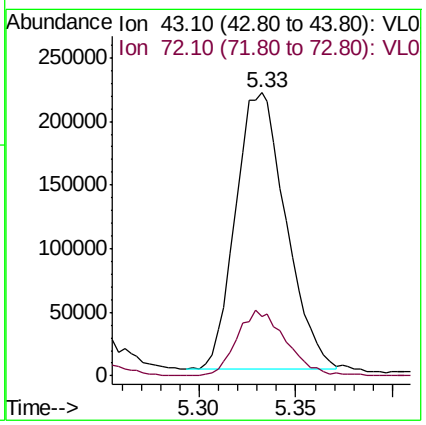


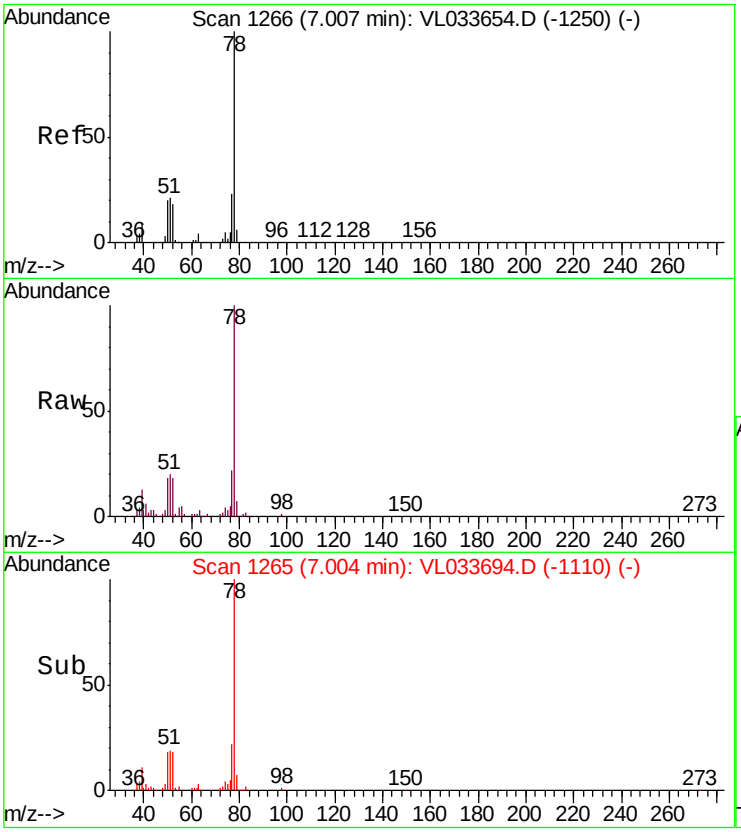


#34
2-Butanone
Concen: 2.366 ppbv
RT: 5.33 min Scan# 745
Delta R.T. 0.00 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Tgt Ion: 43 Resp: 393043

Ion	Ratio	Lower	Upper
43	100		
72	23.6	17.5	26.3



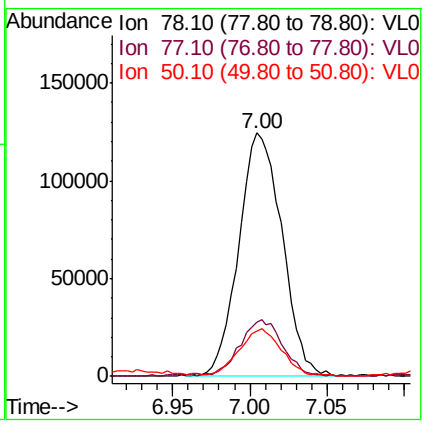


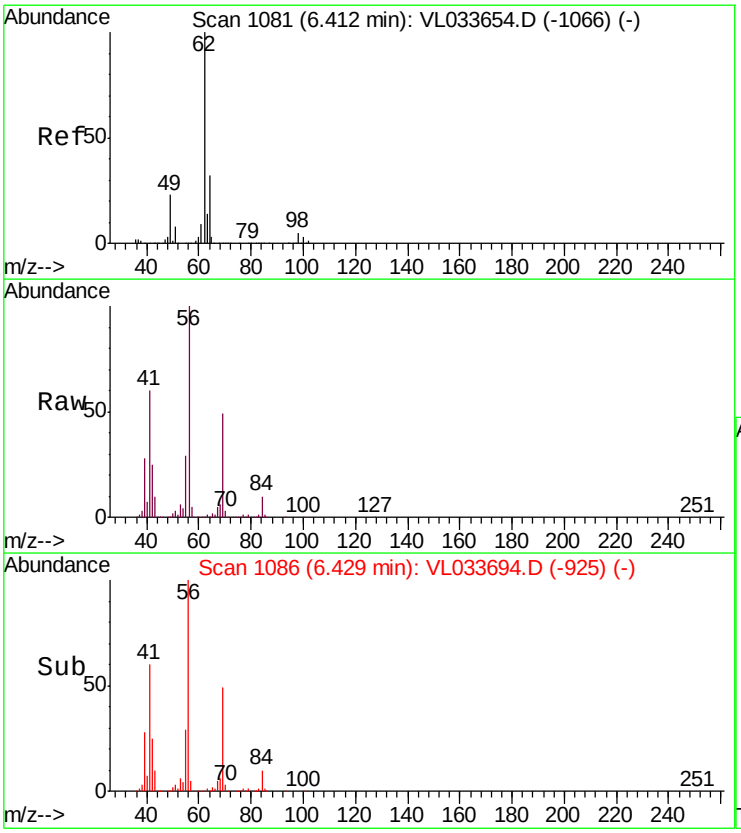
#36
Benzene
Concen: 1.035 ppbv
RT: 7.00 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Instrument :
MSVOA_L
ClientSampleId :
SS02

Tgt Ion: 78 Resp: 240770

Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.2	27.2
50	18.0	15.8	23.6

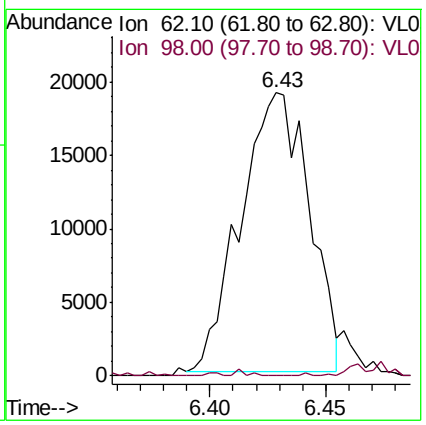


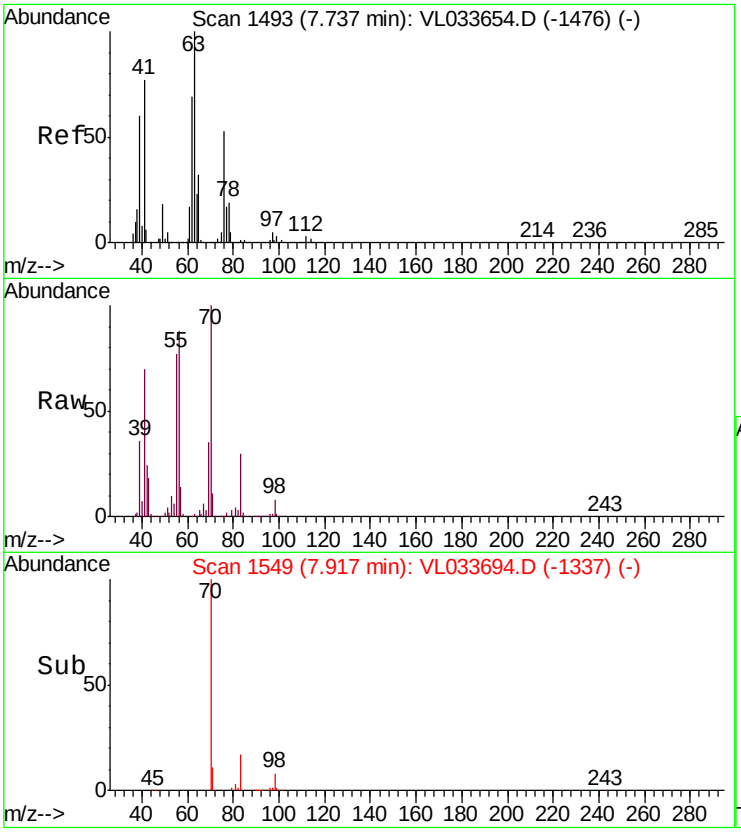


#37
1,2-Dichloroethane
Concen: 0.241 ppbv
RT: 6.43 min Scan# 1086
Delta R.T. 0.02 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Tgt Ion: 62 Resp: 39138

Ion	Ratio	Lower	Upper
62	100		
98	0.5	4.5	6.7#



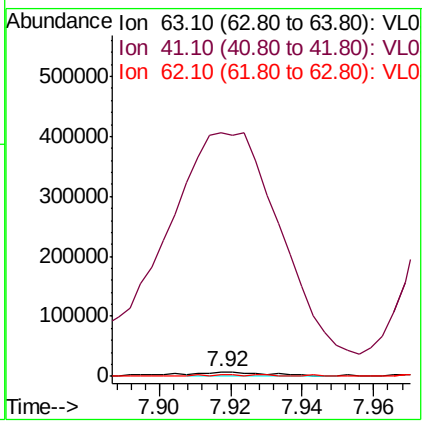


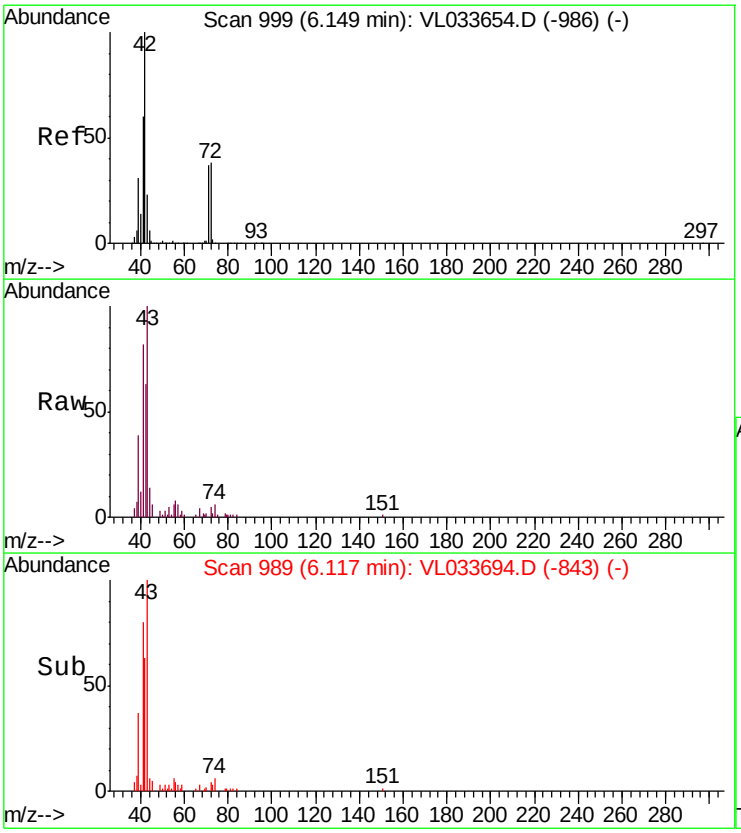
#39
1,2-Dichloropropane
Concen: 0.085 ppbv
RT: 7.92 min Scan# 1549
Delta R.T. 0.18 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Instrument : MSVOA_L
ClientSampleId : SS02

Tgt Ion: 63 Resp: 7381

Ion	Ratio	Lower	Upper
63	100		
41	5905.3	61.6	92.4#
62	25.7	55.0	82.6#

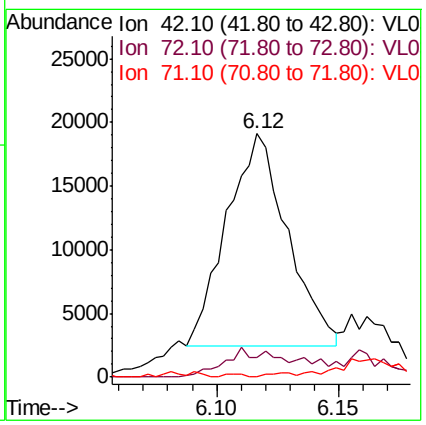


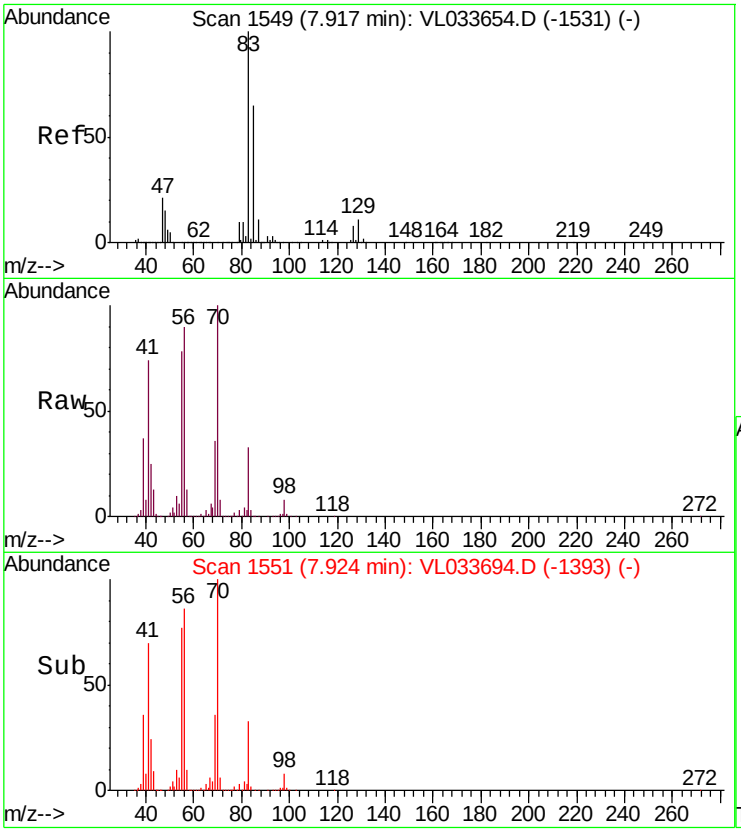


#41
Tetrahydrofuran
Concen: 0.333 ppbv
RT: 6.12 min Scan# 989
Delta R.T. -0.03 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Tgt Ion: 42 Resp: 28624

Ion	Ratio	Lower	Upper
42	100		
72	14.0	31.6	47.4#
71	0.0	30.6	46.0#



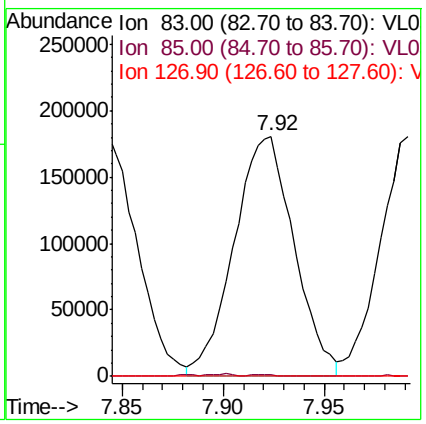


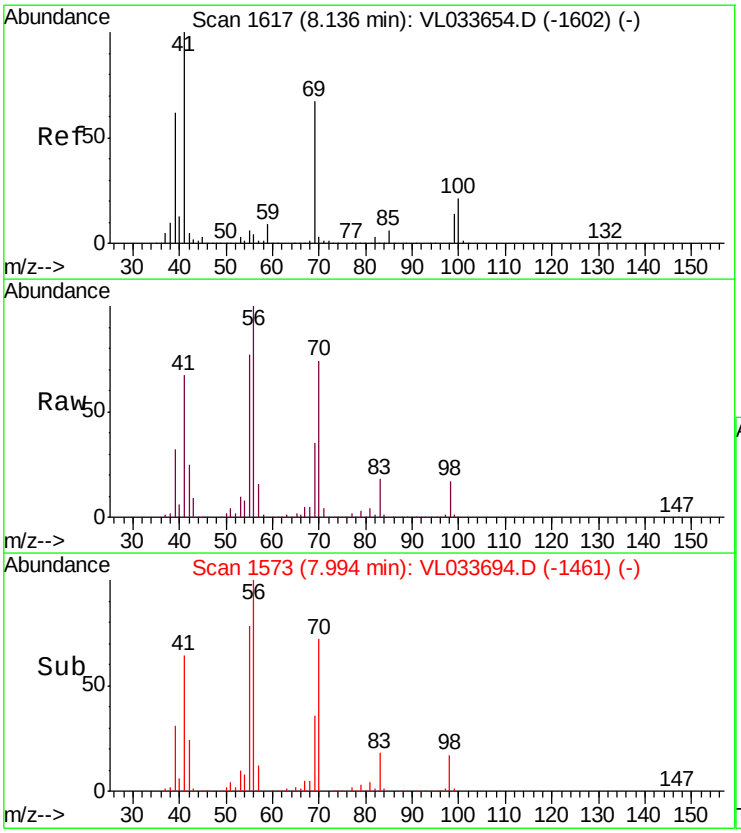
#42
Bromodichloromethane
Concen: 1.789 ppbv
RT: 7.92 min Scan# 1551
Delta R.T. 0.01 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Instrument : MSVOA_L
ClientSampleId : SS02

Tgt Ion: 83 Resp: 374823

Ion	Ratio	Lower	Upper
83	100		
85	0.5	52.4	78.6#
127	0.0	6.6	9.8#

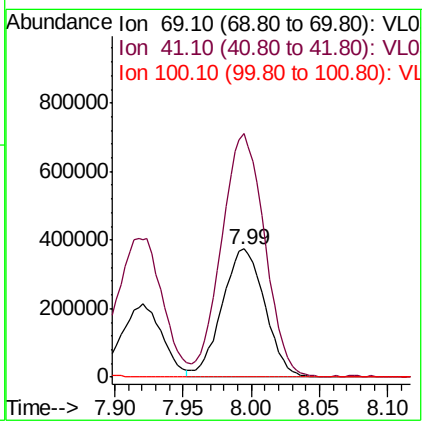


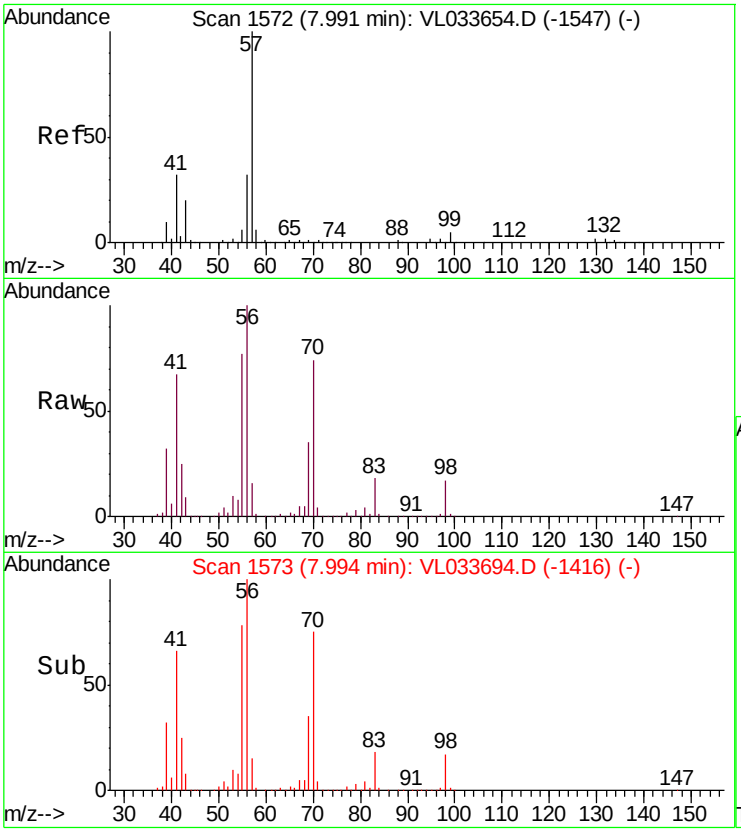


#43
Methyl Methacrylate
Concen: 9.293 ppbv
RT: 7.99 min Scan# 1573
Delta R.T. -0.14 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Tgt Ion: 69 Resp: 813011

Ion	Ratio	Lower	Upper
69	100		
41	191.1	116.6	175.0#
100	0.2	24.6	37.0#



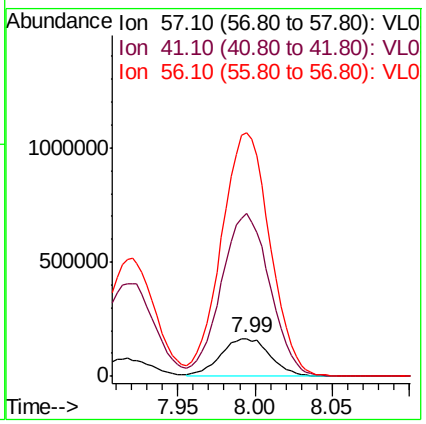


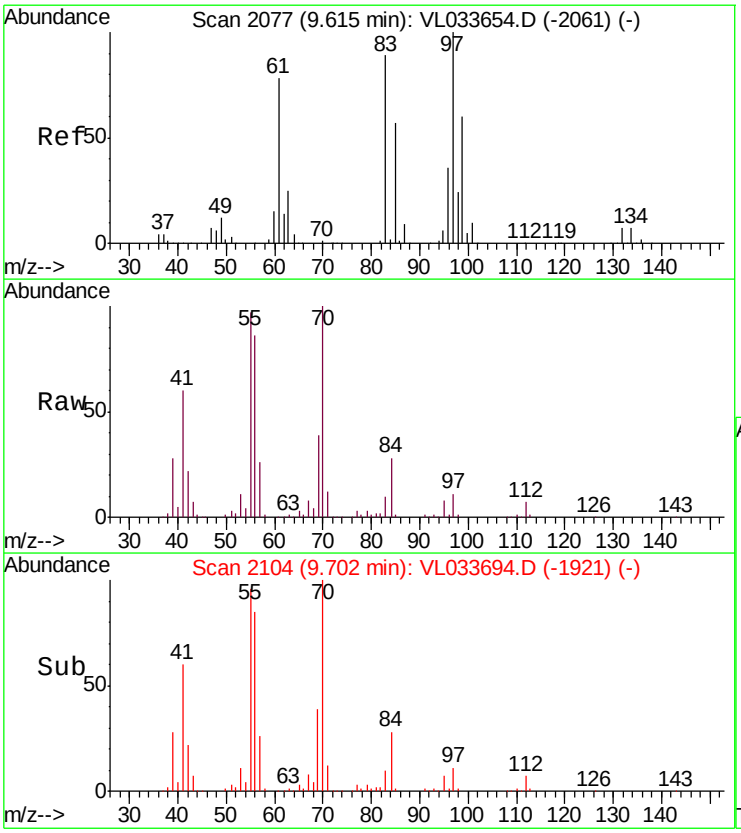
#44
2,2,4-Trimethylpentane
Concen: 0.928 ppbv
RT: 7.99 min Scan# 1573
Delta R.T. 0.00 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Instrument :
MSVOA_L
ClientSampleId :
SS02

Tgt Ion: 57 Resp: 369256

Ion	Ratio	Lower	Upper
57	100		
41	420.7	25.7	38.5#
56	631.8	25.0	37.6#

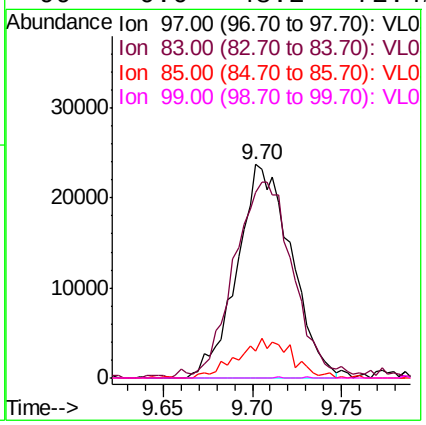


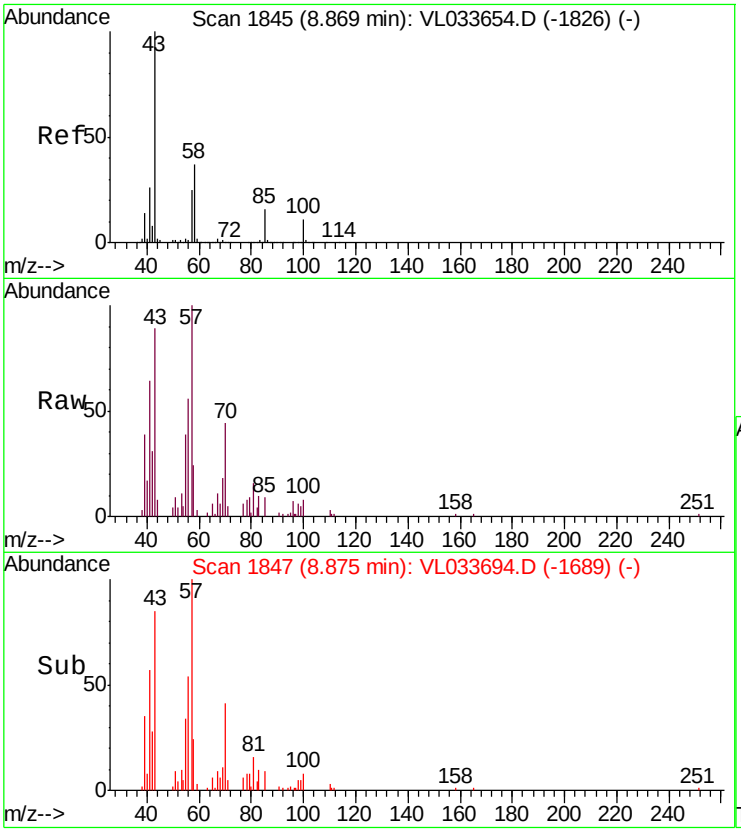


#47
1,1,2-Trichloroethane
Concen: 0.503 ppbv
RT: 9.70 min Scan# 2104
Delta R.T. 0.09 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Tgt Ion: 97 Resp: 50063

Ion	Ratio	Lower	Upper
97	100		
83	84.5	70.9	106.3
85	12.7	45.8	68.6#
99	0.0	48.2	72.4#



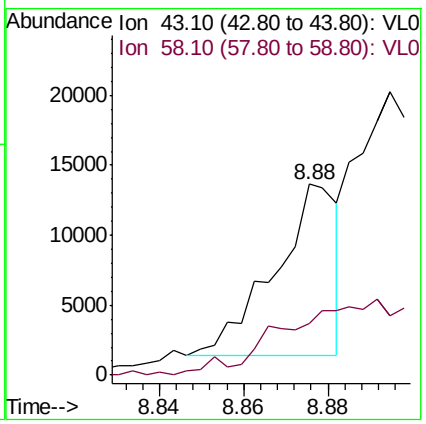


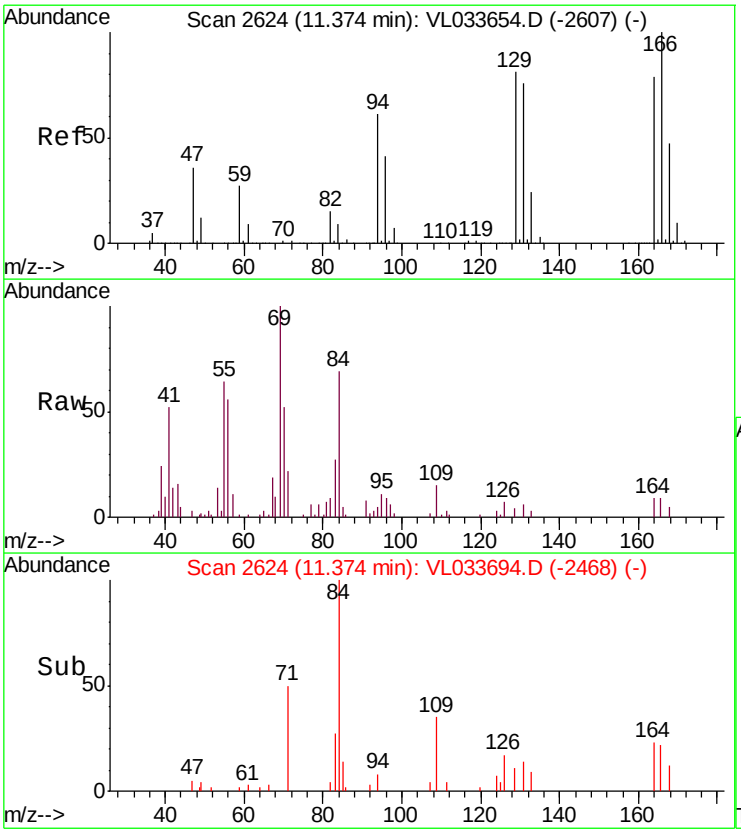
#50
4-Methyl-2-Pentanone
Concen: 0.050 ppbv
RT: 8.88 min Scan# 1847
Delta R.T. 0.01 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Instrument :
MSVOA_L
ClientSampleId :
SS02

Tgt Ion: 43 Resp: 12586

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.8	43.2#

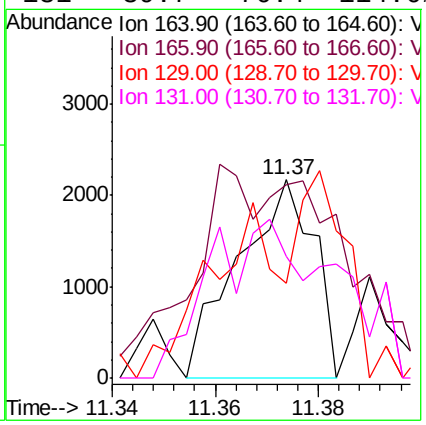


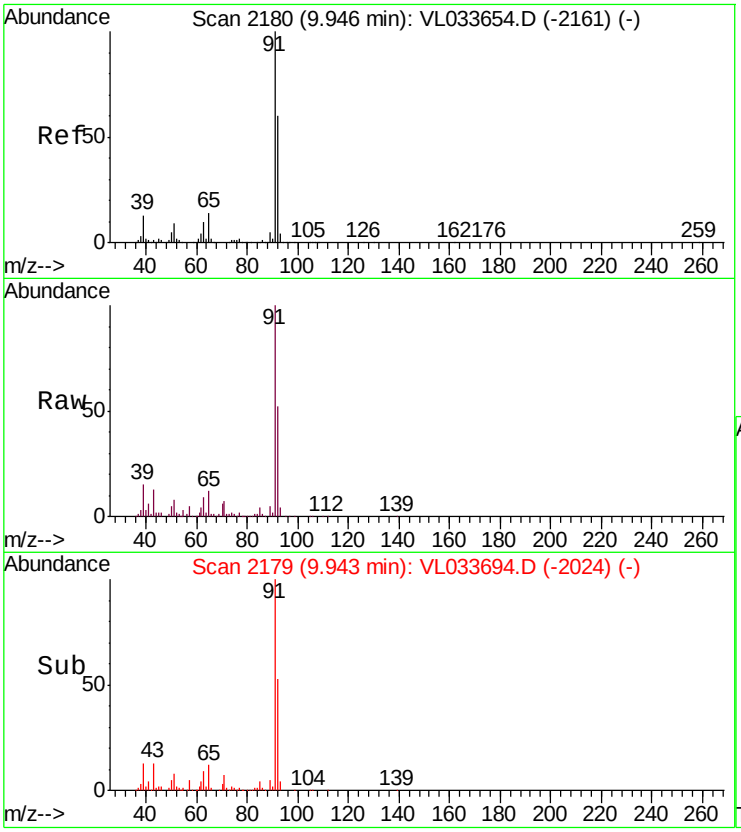


#52
Tetrachloroethene
Concen: 0.027 ppbv
RT: 11.37 min Scan# 2624
Delta R.T. 0.00 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Tgt Ion:164 Resp: 2199

Ion	Ratio	Lower	Upper
164	100		
166	58.5	100.6	151.0#
129	13.3	81.0	121.6#
131	39.7	76.4	114.6#



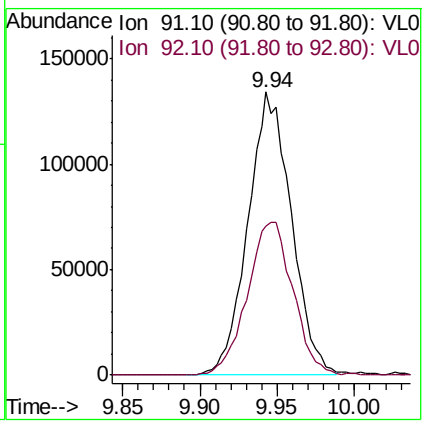


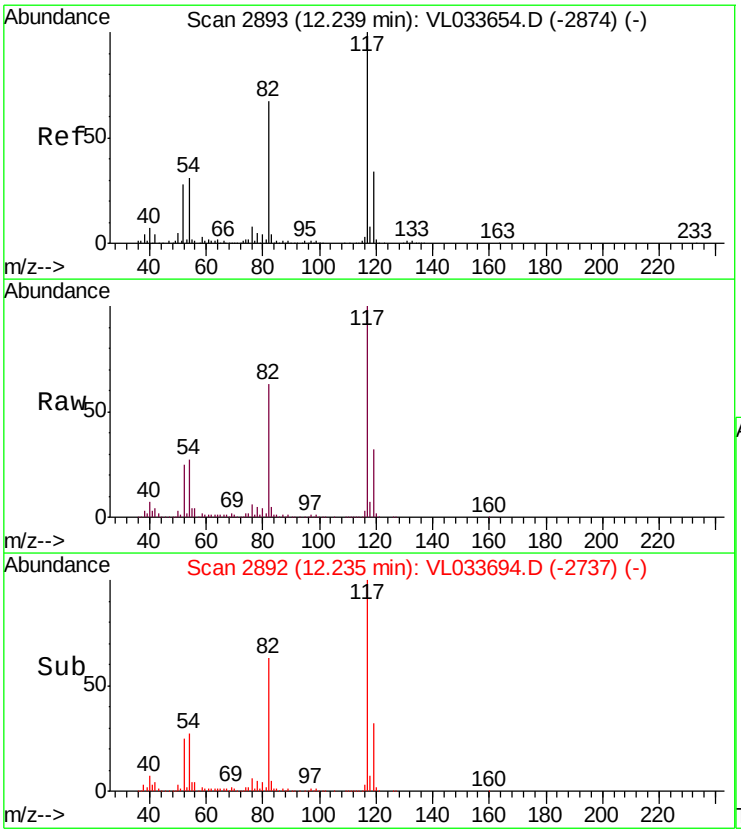
#53
Toluene
Concen: 1.043 ppbv
RT: 9.94 min Scan# 2179
Delta R.T. -0.00 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Instrument :
MSVOA_L
ClientSampleId :
SS02

Tgt Ion: 91 Resp: 262040

Ion	Ratio	Lower	Upper
91	100		
92	57.2	47.7	71.5

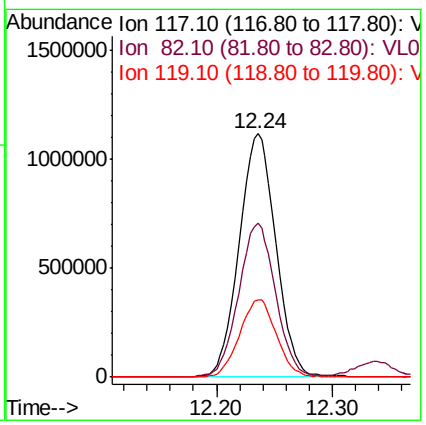


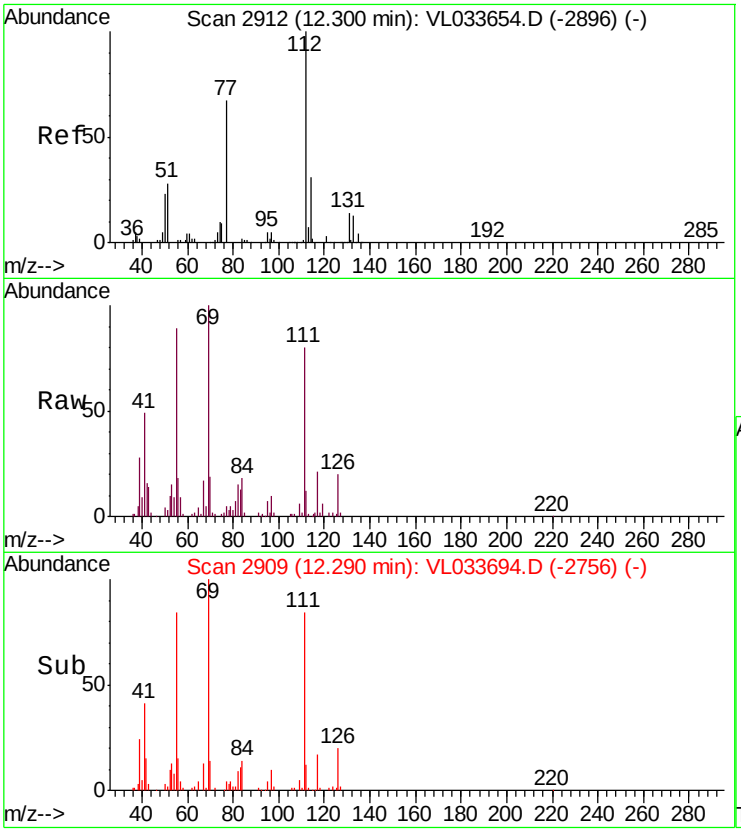


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.00 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Tgt Ion:117 Resp: 2452823

Ion	Ratio	Lower	Upper
117	100		
82	63.7	49.7	74.5
119	32.2	24.8	37.2



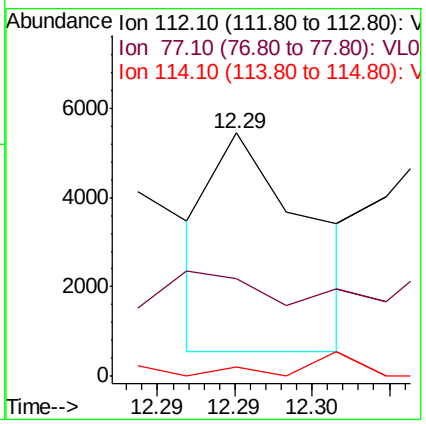


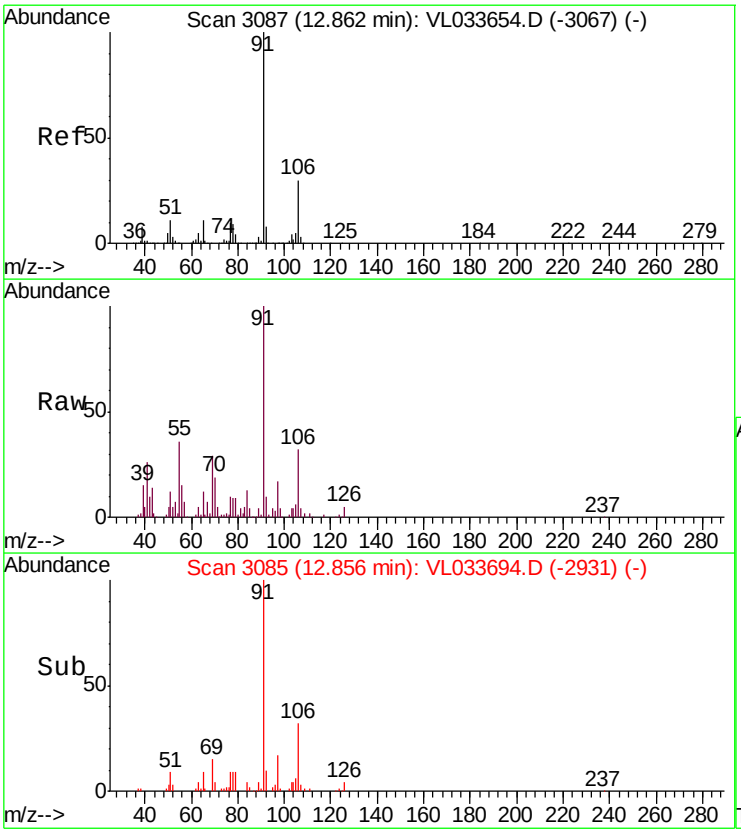
#57
Chlorobenzene
Concen: 0.010 ppbv
RT: 12.29 min Scan# 2909
Delta R.T. -0.01 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Instrument :
MSVOA_L
ClientSampleId :
SS02

Tgt Ion:112 Resp: 2099

Ion	Ratio	Lower	Upper
112	100		
77	12.1	54.4	81.6#
114	10.5	28.2	34.4#

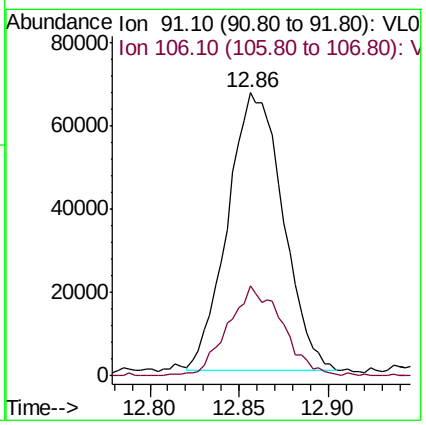


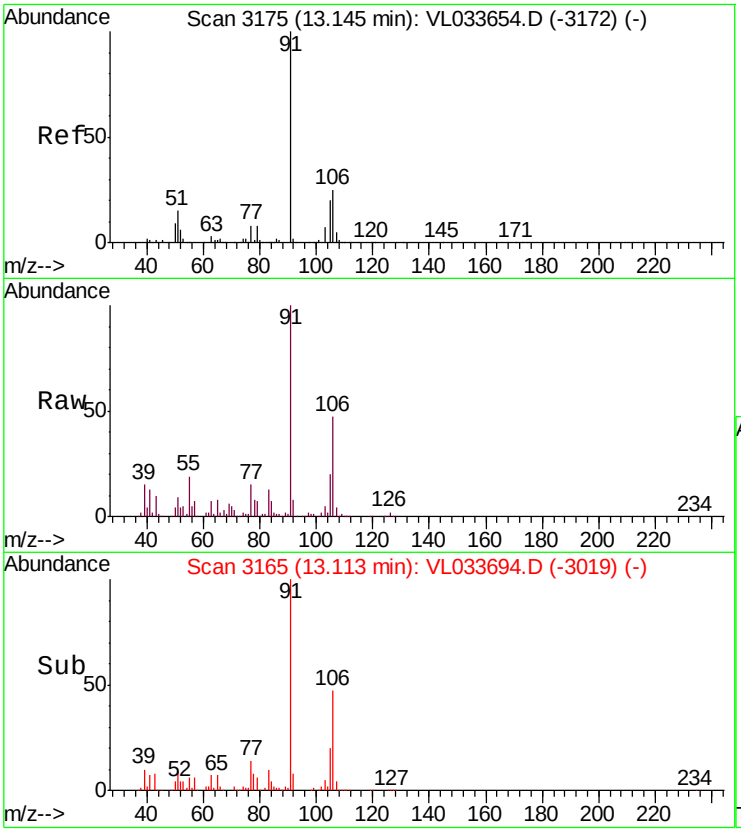


#58
Ethyl Benzene
Concen: 0.450 ppbv
RT: 12.86 min Scan# 3085
Delta R.T. -0.01 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Tgt Ion: 91 Resp: 143903

Ion	Ratio	Lower	Upper
91	100		
106	31.7	23.7	35.5



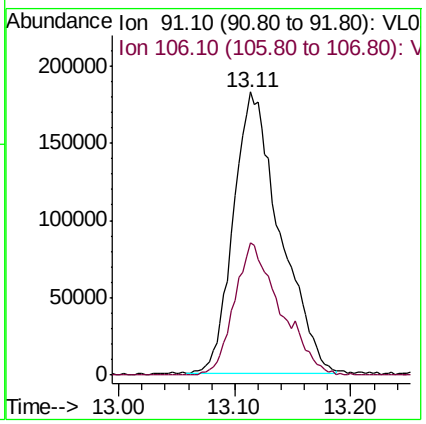


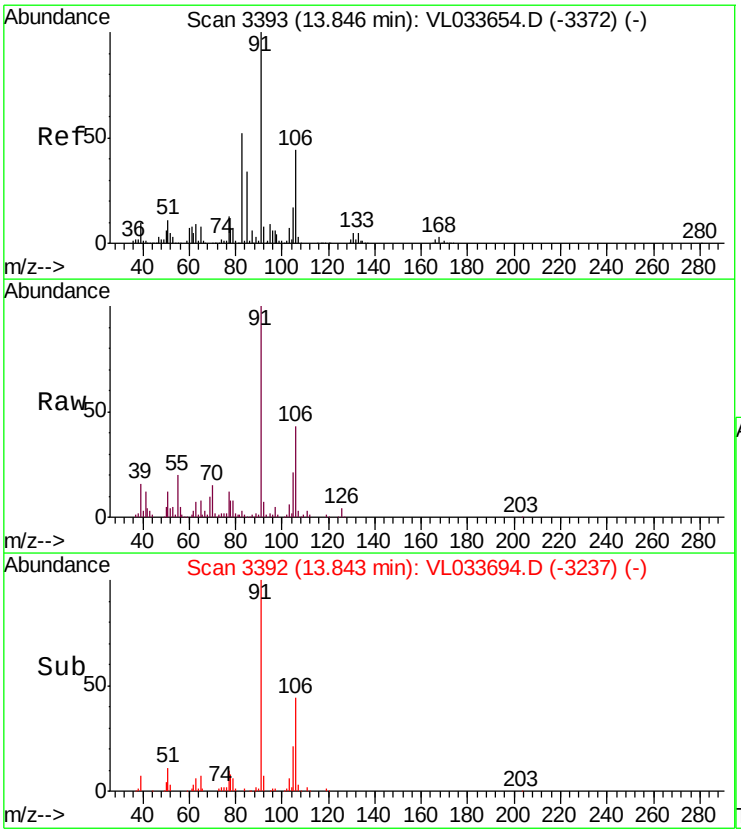
#59
m/p-Xylene
Concen: 1.807 ppbv
RT: 13.11 min Scan# 3165
Delta R.T. -0.03 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Instrument :
MSVOA_L
ClientSampleId :
SS02

Tgt Ion: 91 Resp: 509216

Ion	Ratio	Lower	Upper
91	100		
106	46.3	36.2	54.2

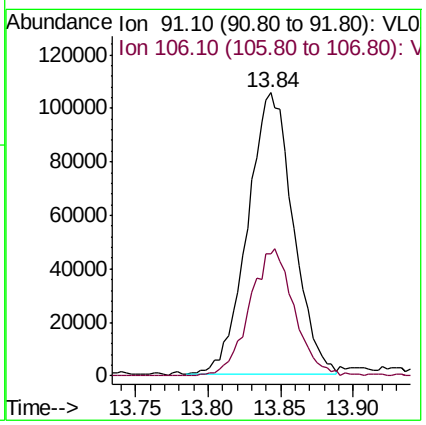


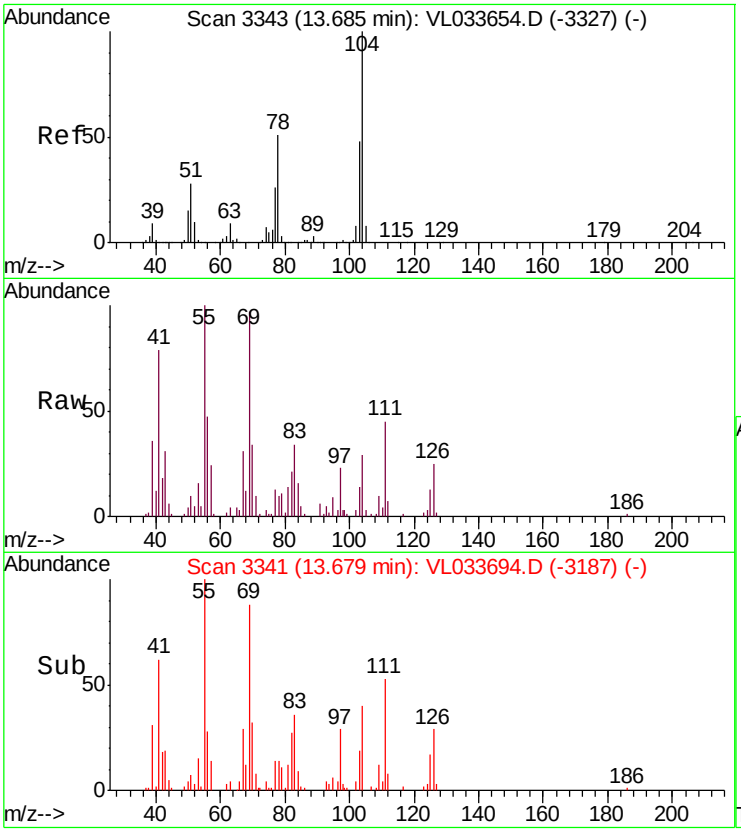


#60
o-Xylene
Concen: 0.802 ppbv
RT: 13.84 min Scan# 3392
Delta R.T. -0.00 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Tgt Ion: 91 Resp: 228708

Ion	Ratio	Lower	Upper
91	100		
106	45.0	21.7	65.1



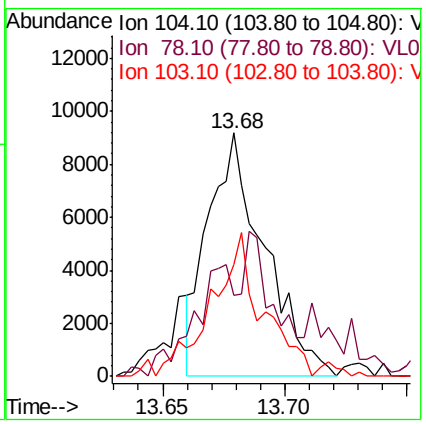


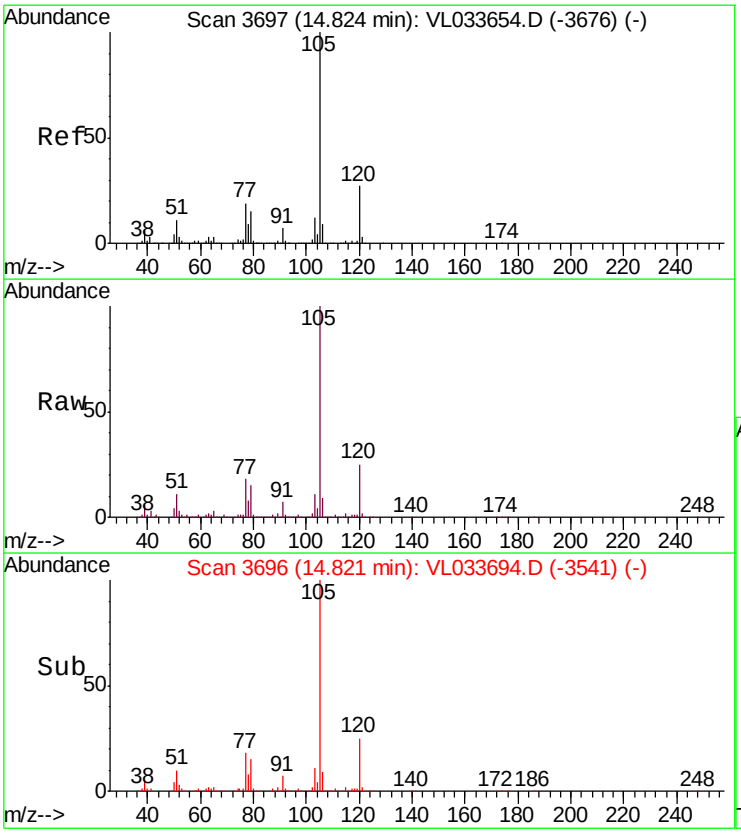
#61
Styrene
Concen: 0.077 ppbv
RT: 13.68 min Scan# 3341
Delta R.T. -0.01 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Instrument :
MSVOA_L
ClientSampleId :
SS02

Tgt Ion:104 Resp: 14712

Ion	Ratio	Lower	Upper
104	100		
78	85.3	43.0	64.6#
103	56.5	38.1	57.1

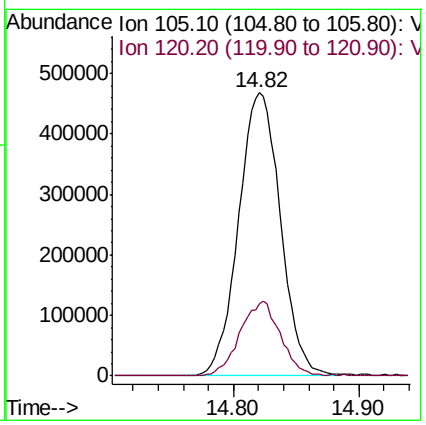


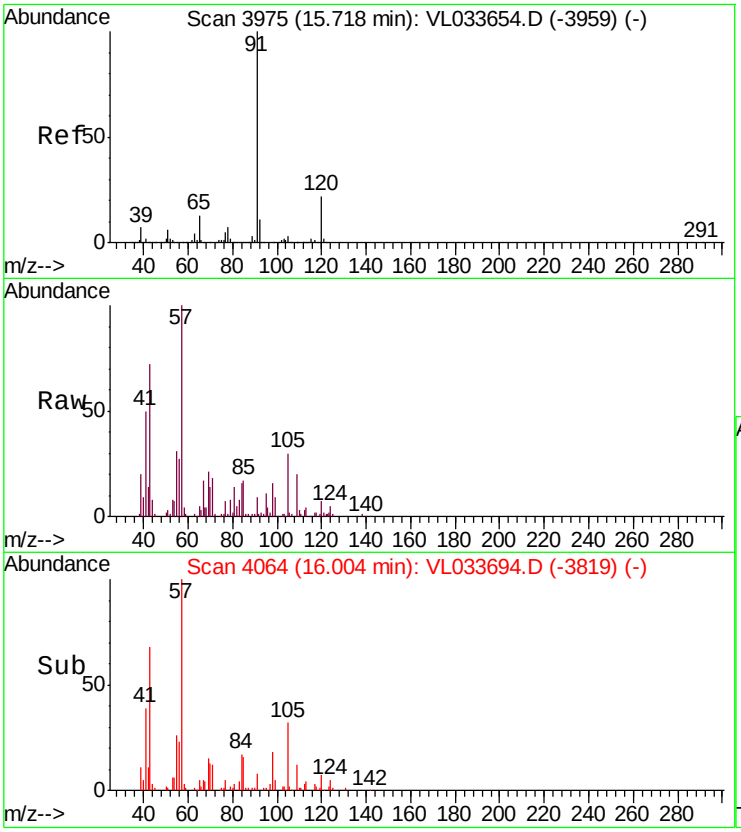


#62
Isopropylbenzene
Concen: 2.786 ppbv
RT: 14.82 min Scan# 3696
Delta R.T. -0.00 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Tgt Ion:105 Resp: 1084531

Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.5	30.7



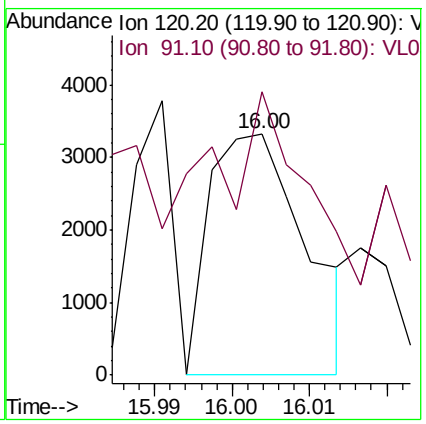


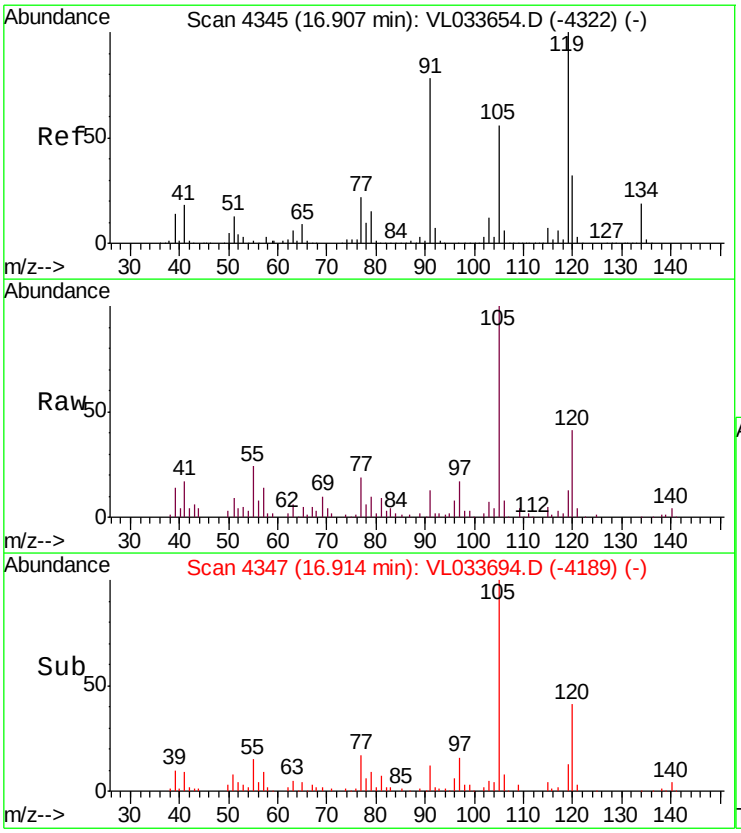
#64
n-propylbenzene
Concen: 0.029 ppbv
RT: 16.00 min Scan# 4064
Delta R.T. 0.29 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Instrument :
MSVOA_L
ClientSampleId :
SS02

Tgt Ion:120 Resp: 2874

Ion	Ratio	Lower	Upper
120	100		
91	386.2	379.0	568.6

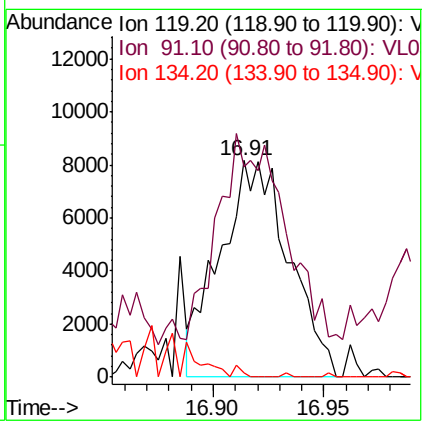


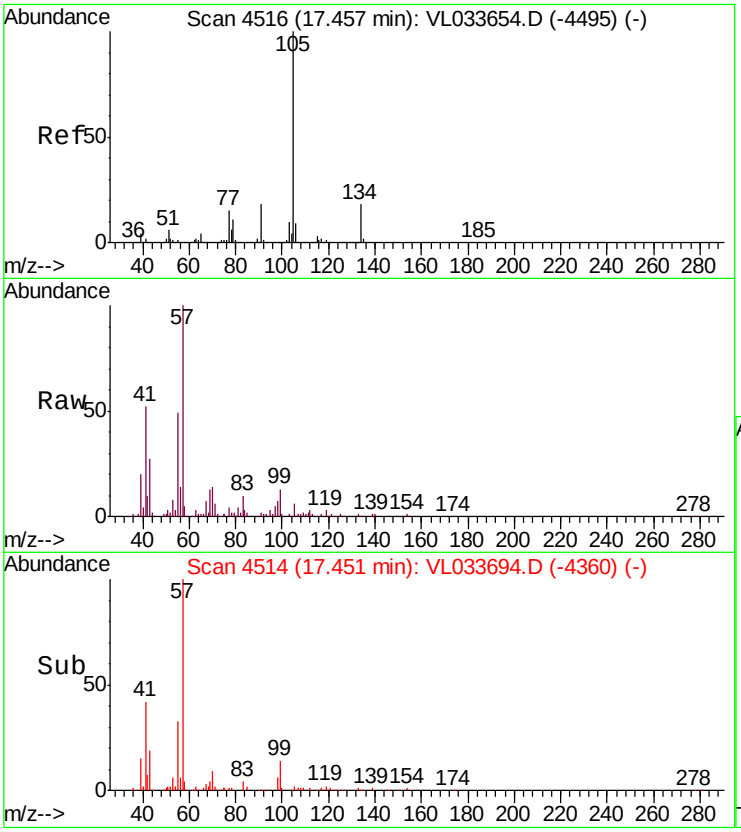


#65
tert-Butylbenzene
Concen: 0.050 ppbv
RT: 16.91 min Scan# 4347
Delta R.T. 0.01 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Tgt Ion:119 Resp: 17755

Ion	Ratio	Lower	Upper
119	100		
91	103.0	65.9	98.9#
134	0.0	15.5	23.3#



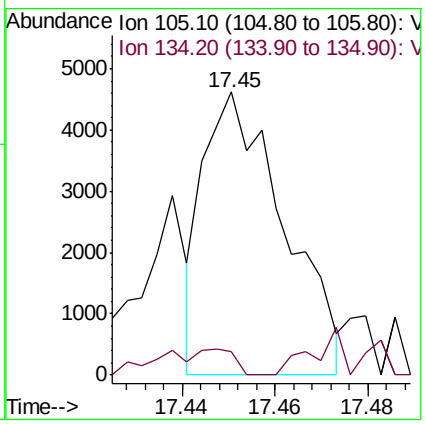


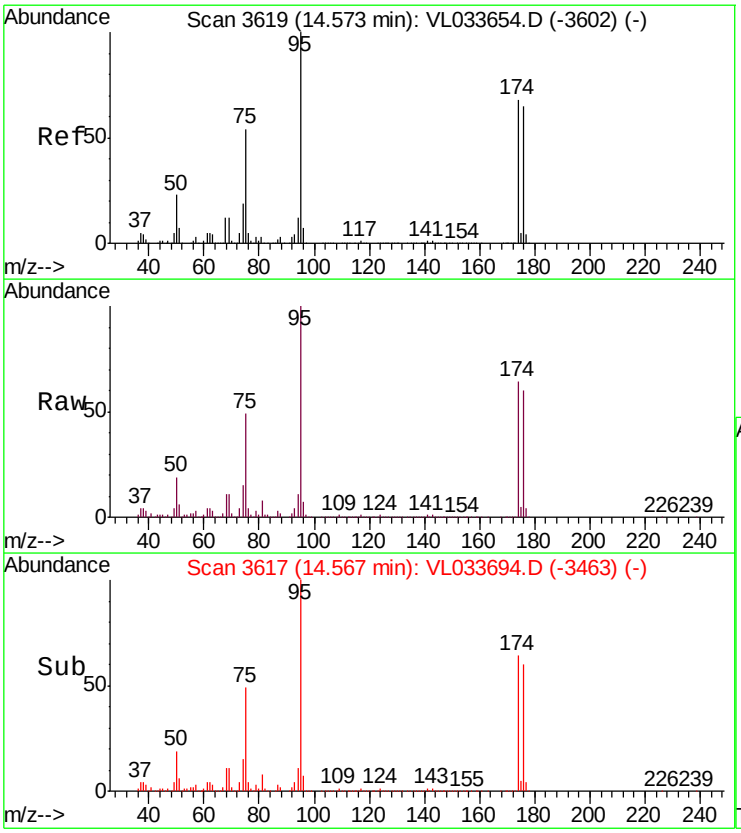
#67
sec-Butylbenzene
Concen: 0.011 ppbv
RT: 17.45 min Scan# 4514
Delta R.T. -0.01 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Instrument : MSVOA_L
ClientSampleId : SS02

Tgt Ion:105 Resp: 5566

Ion	Ratio	Lower	Upper
105	100		
134	0.0	14.6	22.0#

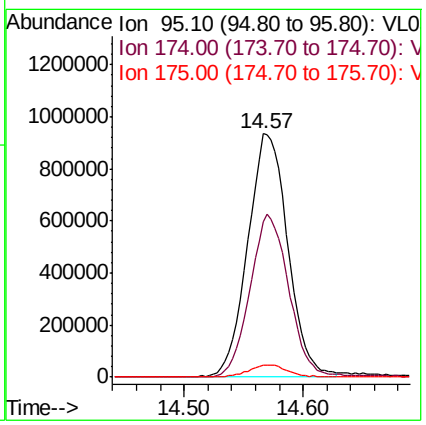


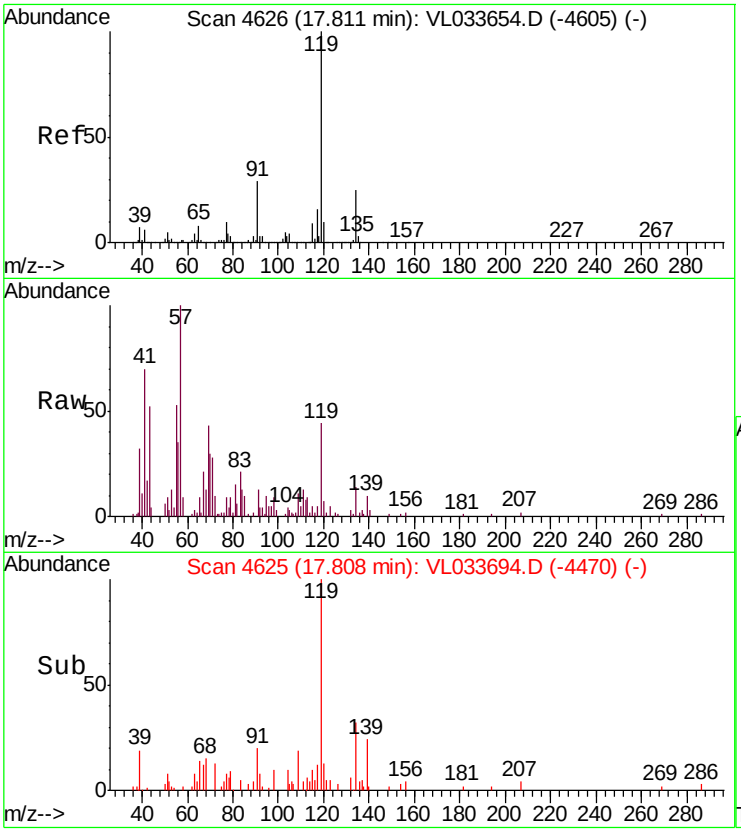


#68
1-Bromo-4-Fluorobenzene
Concen: 10.833 ppbv
RT: 14.57 min Scan# 3617
Delta R.T. -0.01 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Tgt Ion: 95 Resp: 2178162

Ion	Ratio	Lower	Upper
95	100		
174	65.7	54.0	81.0
175	4.9	3.8	5.8



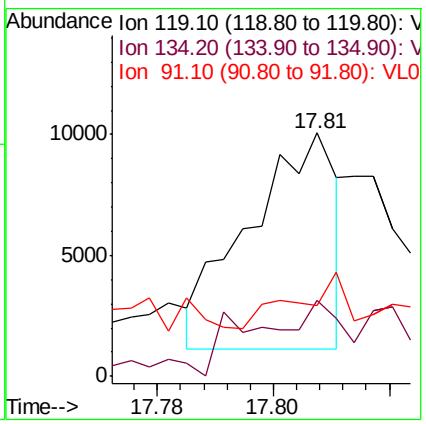


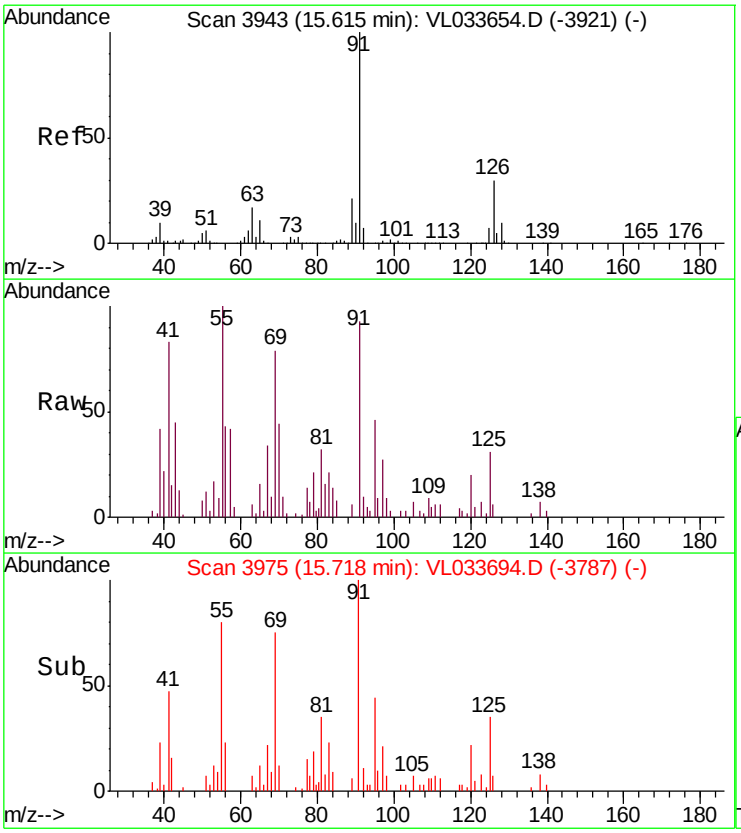
#69
p-Isopropyltoluene
Concen: 0.023 ppbv
RT: 17.81 min Scan# 4625
Delta R.T. -0.00 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Instrument :
MSVOA_L
ClientSampleId :
SS02

Tgt Ion:119 Resp: 9366

Ion	Ratio	Lower	Upper
119	100		
134	61.7	20.2	30.2#
91	84.5	23.4	35.2#

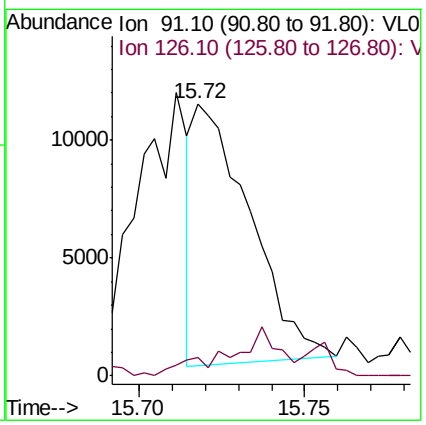


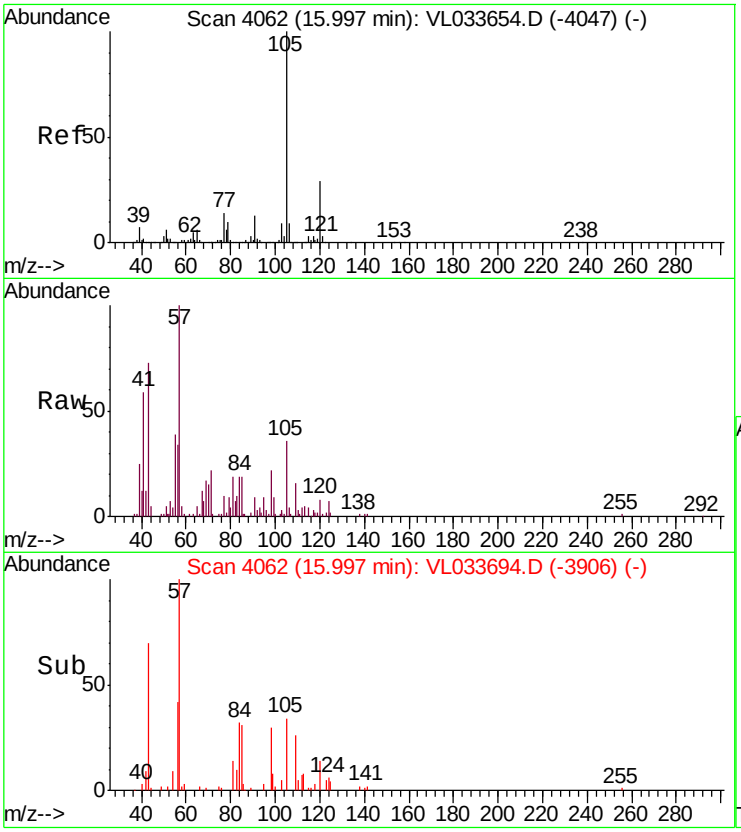


#71
2-Chlorotoluene
Concen: 0.045 ppbv
RT: 15.72 min Scan# 3975
Delta R.T. 0.10 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Tgt Ion: 91 Resp: 13061

Ion	Ratio	Lower	Upper
91	100		
126	23.8	12.0	47.8



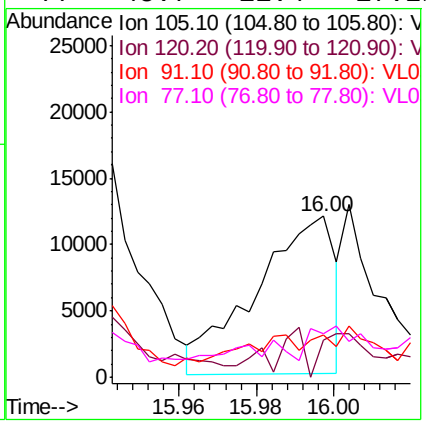


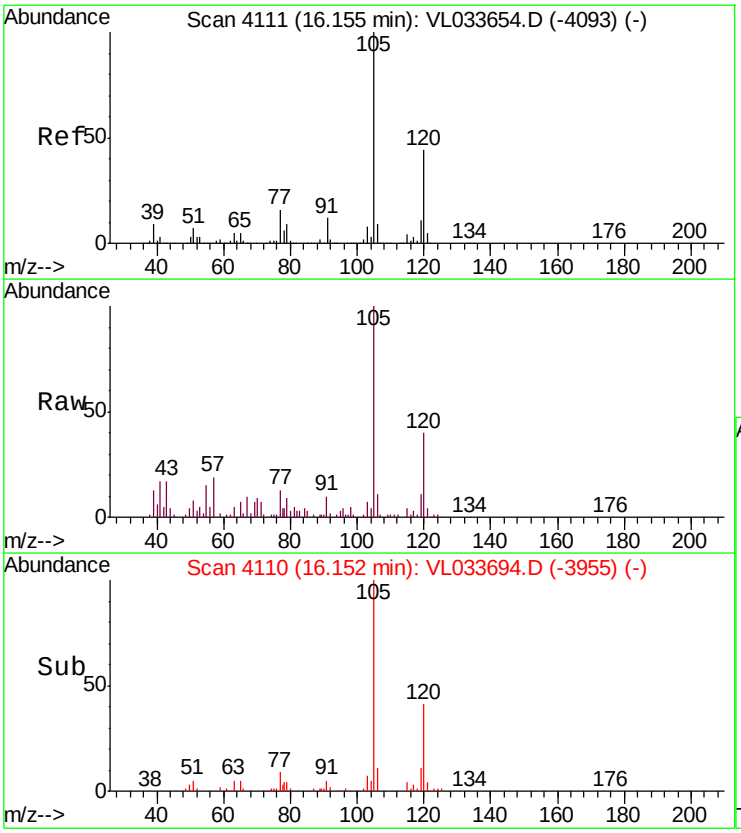
#72
4-Ethyltoluene
Concen: 0.050 ppbv
RT: 16.00 min Scan# 4062
Delta R.T. 0.00 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Instrument :
MSVOA_L
ClientSampleId :
SS02

Tgt Ion:105 Resp: 16745

Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.0	34.6#
91	0.0	10.5	15.7#
77	45.7	11.4	17.2#

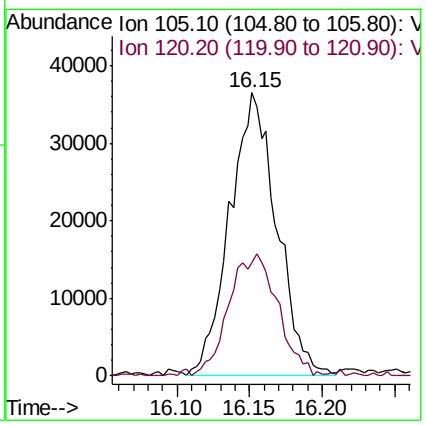


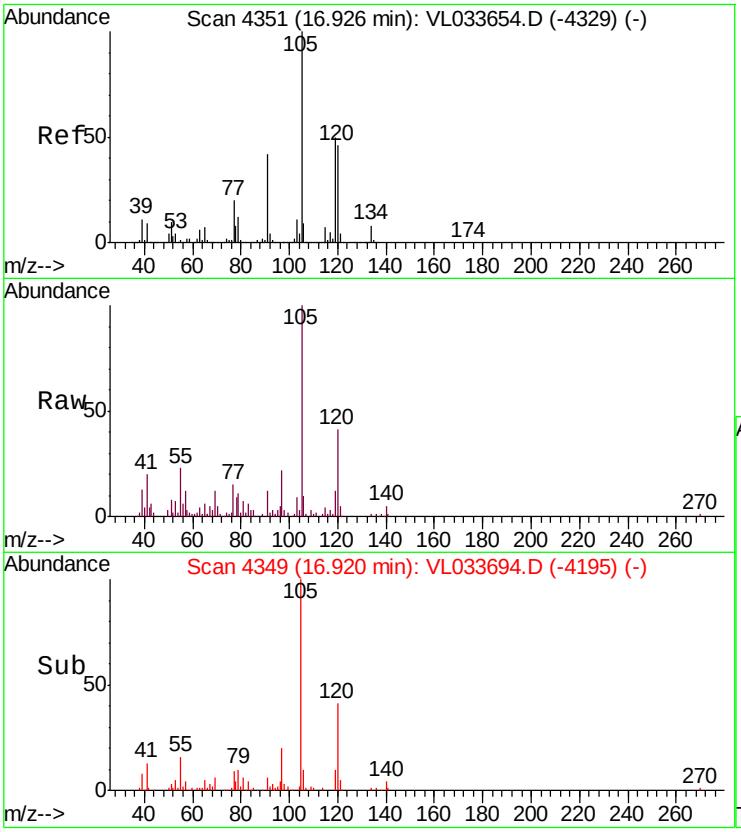


#73
1,3,5-Trimethylbenzene
Concen: 0.254 ppbv
RT: 16.15 min Scan# 4110
Delta R.T. -0.00 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Tgt Ion:105 Resp: 82287

Ion	Ratio	Lower	Upper
105	100		
120	43.9	35.5	53.3



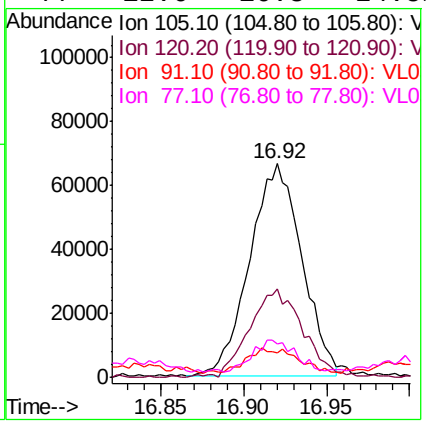


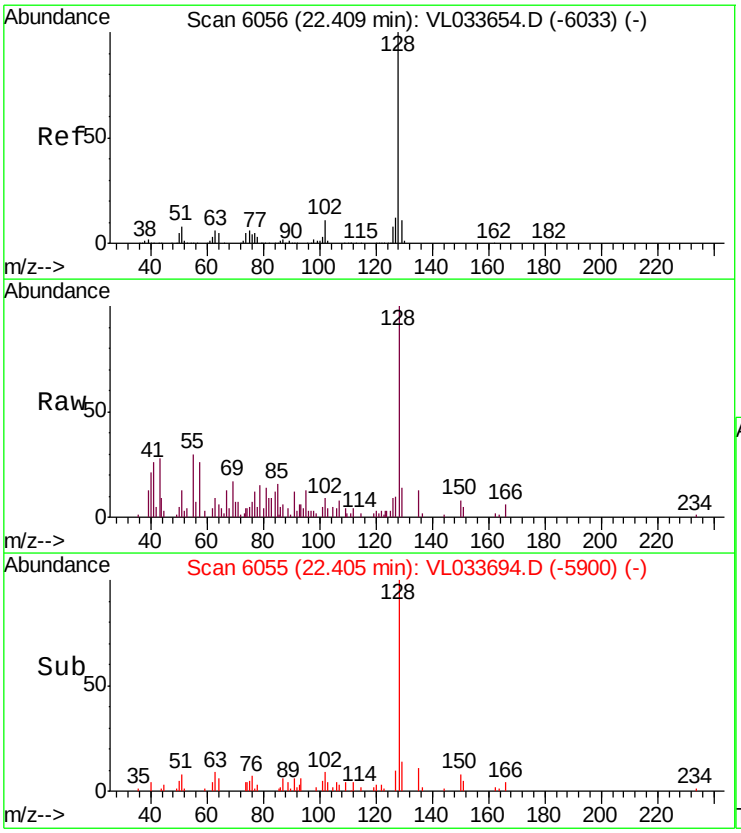
#74
1,2,4-Trimethylbenzene
Concen: 0.402 ppbv
RT: 16.92 min Scan# 4349
Delta R.T. -0.01 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Instrument :
MSVOA_L
ClientSampleId :
SS02

Tgt Ion:105 Resp: 144872

Ion	Ratio	Lower	Upper
105	100		
120	46.8	36.5	54.7
91	9.3	33.7	50.5#
77	12.6	16.3	24.5#

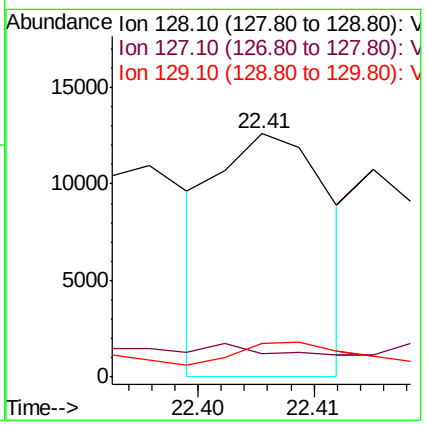


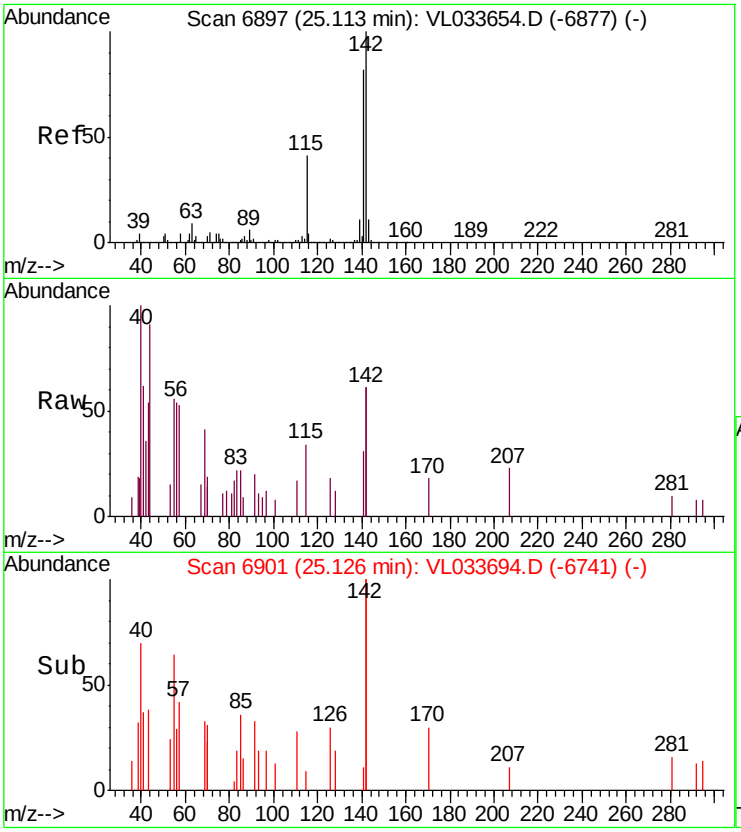


#79
Naphthalene
Concen: 0.026 ppbv
RT: 22.41 min Scan# 6055
Delta R.T. -0.00 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Tgt Ion:128 Resp: 8507

Ion	Ratio	Lower	Upper
128	100		
127	2.0	9.8	14.8#
129	29.5	8.8	13.2#





#80
Naphthalene,2-methyl-
Concen: 0.028 ppbv
RT: 25.13 min Scan# 6901
Delta R.T. 0.01 min
Lab File: VL033694.D
Acq: 14 May 2019 16:58

Instrument :
MSVOA_L
ClientSampleId :
SS02

Tgt Ion:142 Resp: 3513

Ion	Ratio	Lower	Upper
142	100		
141	68.1	67.9	101.9
115	53.6	34.2	51.4#