Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091019\

Quantitation Report (Not Reviewed)

Data File : VL034147.D
Acq On : 10 Sep 2019 17:53
Operator : SY/AP
Sample : K4775-03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV3

Quant Time: Sep 11 01:51:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL090519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 05 10:21:45 2019
QLast Update : Thu Sep 05 10:21:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.73	49	609640	10.00	ppbv		0.02
33) 1,4-Difluorobenzene	7.25	114	1378449	10.00	ppbv		0.01
55) Chlorobenzene-d5	12.18	117	1384706	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.51	95	1237436	10.93	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 109.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.03	85	80767	0.803	ppbv		98
3) Chlorodifluoromethane	2.98	51	24295	0.358	ppbv		95
4) Chloromethane	3.13	50	59466	1.400	ppbv		89
5) Vinyl Chloride	3.25	62	3077	0.080	ppbv	#	74
7) Chloroethane	3.56	64	8037	0.610	ppbv		98
9) Propene	3.00	41	3027294	79.620	ppbv		95
10) Heptane	8.19	43	1842129	18.669	ppbv		100
11) Trichlorofluoromethane	3.96	101	39388	0.480	ppbv		86
12) 1,1,2-Trichlorotrifluoroet	4.51	101	1830	0.033	ppbv	#	1
13) Ethanol	3.63	45	950864	127.659	ppbv		98
15) Acetone	3.88	43	15175568	206.544	ppbv	#	18
16) 1,3-Butadiene	3.35	39	881694	23.695	ppbv	#	10
17) tert-Butyl alcohol	4.33	59	1728648	32.409	ppbv		98
19) Isopropyl Alcohol	4.00	45	2492056	50.251	ppbv	#	97
20) Methylene Chloride	4.38	84	25794	1.062	ppbv	#	79
21) Allyl Chloride	4.38	41	89029	1.838	ppbv	#	20
23) Vinyl Acetate	5.14	43	2507921	20.119	ppbv	#	44
25) Ethyl Acetate	5.73	43	1559715	9.671	ppbv	#	78
26) Hexane	5.72	57	2014977	28.101	ppbv	#	37
27) Carbon Disulfide	4.57	76	1201385	18.564	ppbv		99
28) Methyl tert-Butyl Ether	5.06	73	45853	0.436	ppbv	#	1
29) Chloroform	5.82	83	177025	1.830	ppbv		99
30) Cyclohexane	7.19	84	569092	10.978	ppbv		88
31) cis-1,2-Dichloroethene	5.60	61	2097	0.031	ppbv	#	78
32) 1,1,1-Trichloroethane	6.57	97	3897498	42.654	ppbv		98
34) 2-Butanone	5.29	43	6644009	50.136	ppbv	#	80
36) Benzene	6.96	78	1124318	7.136	ppbv		94
37) 1,2-Dichloroethane	6.37	62	10324	0.107	ppbv	#	84
38) Trichloroethene	7.91	130	128788	2.191	ppbv		92
39) 1,2-Dichloropropane	7.25	63	391845	5.811	ppbv	#	24
40) 1,4-Dioxane	7.91	88	2723	0.110	ppbv	#	1
41) Tetrahydrofuran	6.10	42	24381	0.307	ppbv	#	78
42) Bromodichloromethane	7.86	83	46969	0.373	ppbv	#	27
43) Methyl Methacrylate	8.12	69	183916	2.833	ppbv	#	58
44) 2,2,4-Trimethylpentane	7.93	57	459387	1.581	ppbv	#	17
50) 4-Methyl-2-Pentanone	8.81	43	677506	3.350	ppbv		98
51) 2-Hexanone	10.21	43	3497031	20.018	ppbv	#	98
52) Tetrachloroethene	11.34	164	8282439	149.075	ppbv		90
53) Toluene	9.89	91	3261009	18.713	ppbv		99
57) Chlorobenzene	12.23	112	3742	0.031	ppbv	#	30
58) Ethyl Benzene	12.80	91	1297563	5.715	ppbv		95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091019\

Quantitation Report (Not Reviewed)

Data File : VL034147.D
Acq On : 10 Sep 2019 17:53
Operator : SY/AP
Sample : K4775-03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV3

Quant Time: Sep 11 01:51:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL090519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 05 10:21:45 2019
QLast Update : Thu Sep 05 10:21:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
59) m/p-Xylene	13.06	91	3614500	19.514	ppbv		98
60) o-Xylene	13.79	91	1617056	8.765	ppbv		100
61) Styrene	13.62	104	28268	0.205	ppbv	#	31
62) Isopropylbenzene	14.76	105	163464	0.681	ppbv		98
64) n-propylbenzene	15.66	120	116921	1.944	ppbv		77
65) tert-Butylbenzene	16.87	119	103447	0.499	ppbv	#	1
67) sec-Butylbenzene	17.40	105	15469	0.052	ppbv	#	14
69) p-Isopropyltoluene	17.76	119	7783	0.033	ppbv	#	1
71) 2-Chlorotoluene	15.93	91	41076	0.209	ppbv		72
72) 4-Ethyltoluene	15.94	105	682813	3.280	ppbv		97
73) 1,3,5-Trimethylbenzene	16.10	105	574060	2.838	ppbv		99
74) 1,2,4-Trimethylbenzene	16.87	105	1812850	8.702	ppbv	#	74
79) Naphthalene	22.35	128	43268	0.230	ppbv		99

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

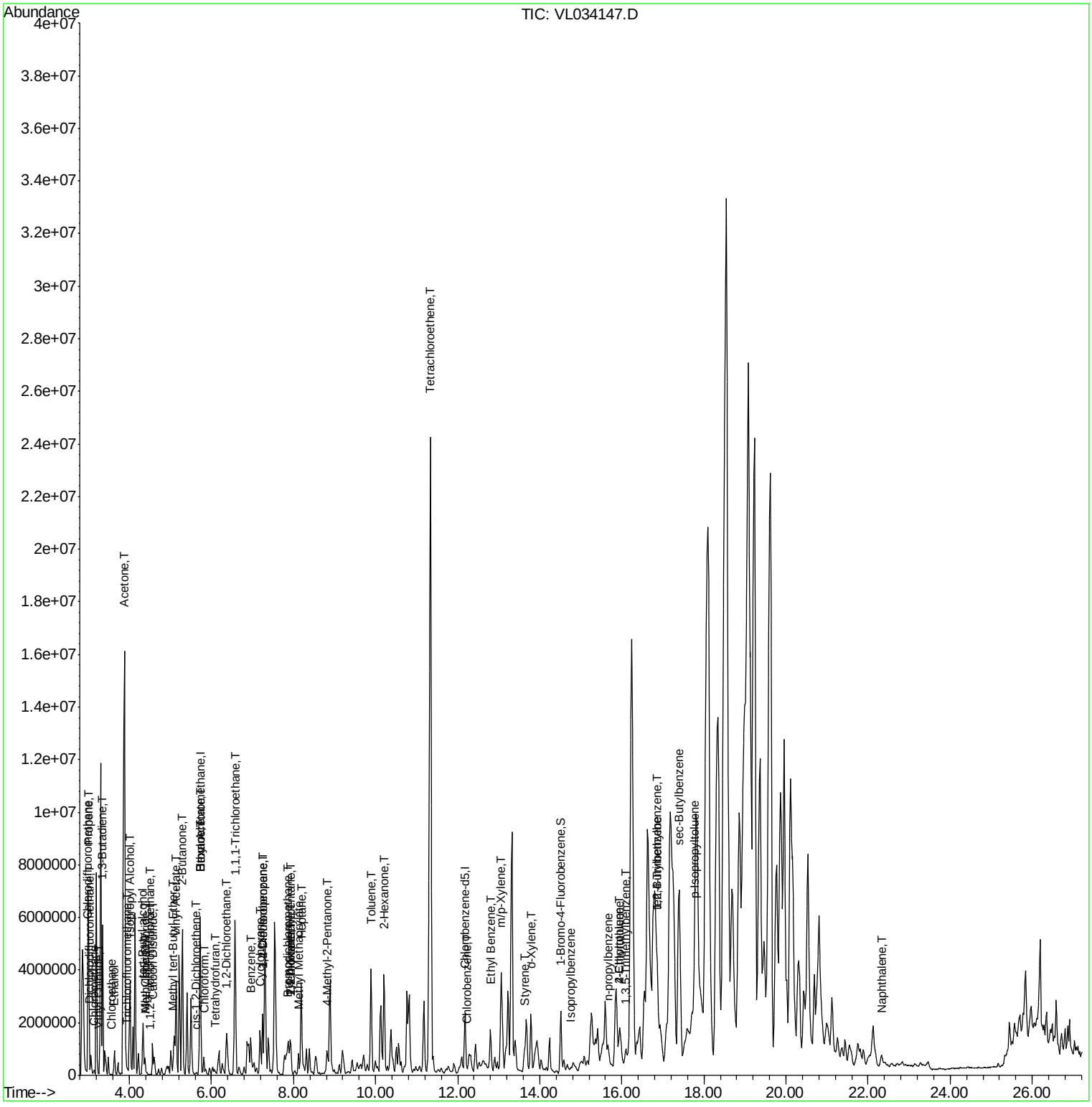
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091019\

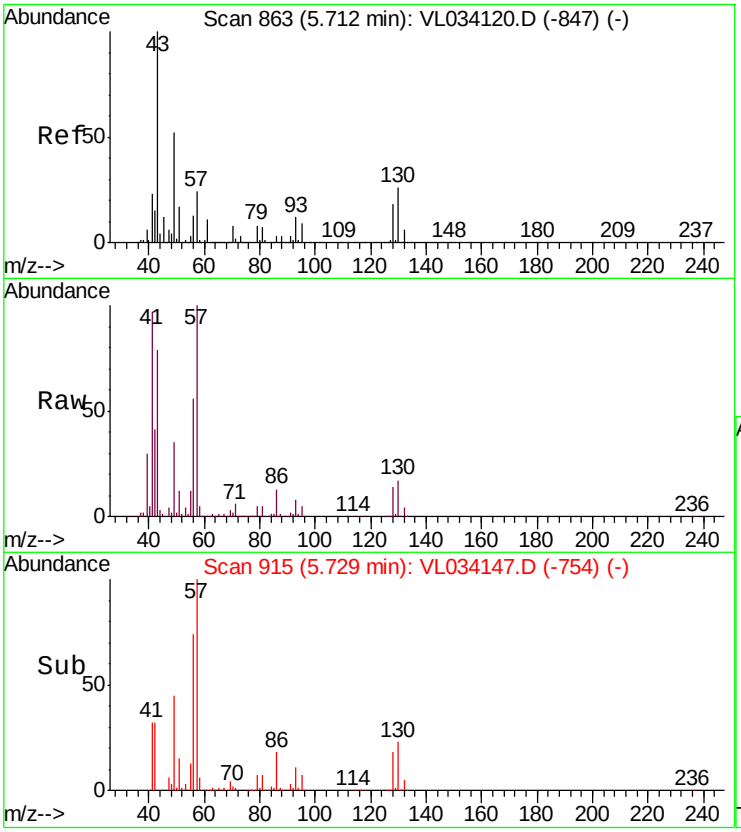
Quantitation Report (Not Reviewed)

Data File : VL034147.D
Acq On : 10 Sep 2019 17:53
Operator : SY/AP
Sample : K4775-03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV3

Quant Time: Sep 11 01:51:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL090519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 05 10:21:45 2019
QLast Update : Thu Sep 05 10:21:45 2019
Response via : Initial Calibration



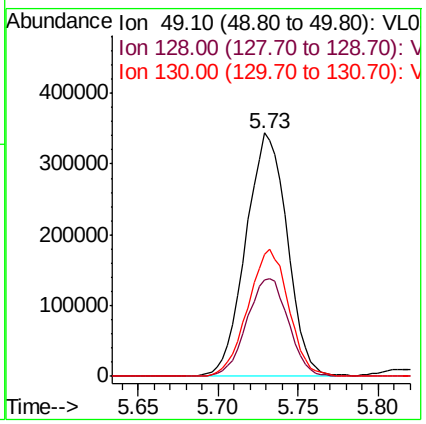


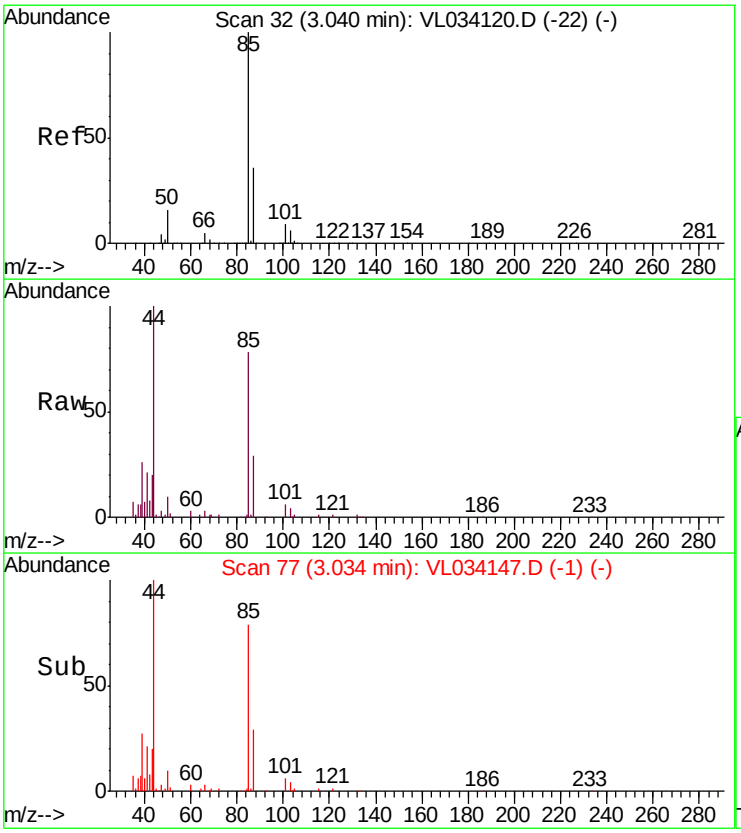
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.73 min Scan# 915
Delta R.T. 0.02 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Instrument : MSVOA_L
ClientSampleId : SV3

Tgt Ion: 49 Resp: 609640

Ion	Ratio	Lower	Upper
49	100		
128	40.4	18.4	55.0
130	51.6	23.5	70.6

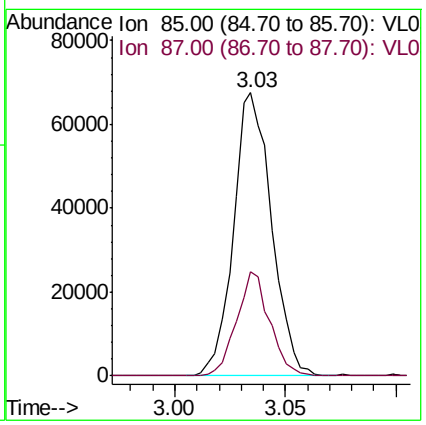


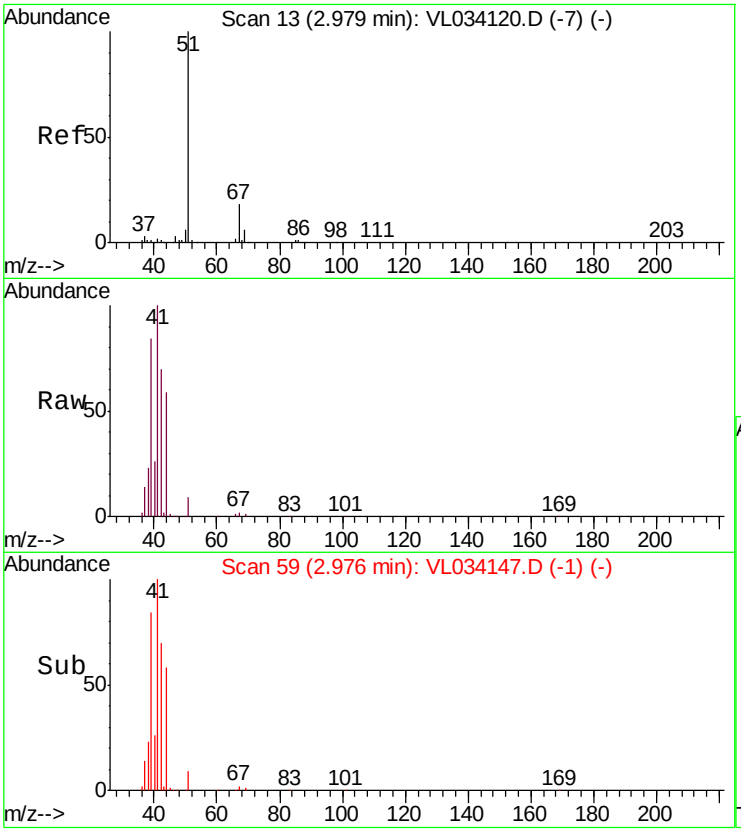


#2
Dichlorodifluoromethane
Concen: 0.803 ppbv
RT: 3.03 min Scan# 77
Delta R.T. -0.01 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Tgt Ion: 85 Resp: 80767

Ion	Ratio	Lower	Upper
85	100		
87	36.9	28.6	43.0



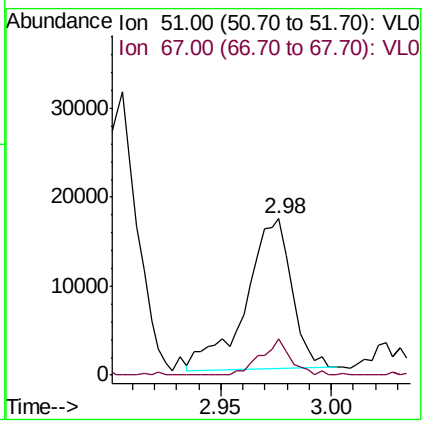


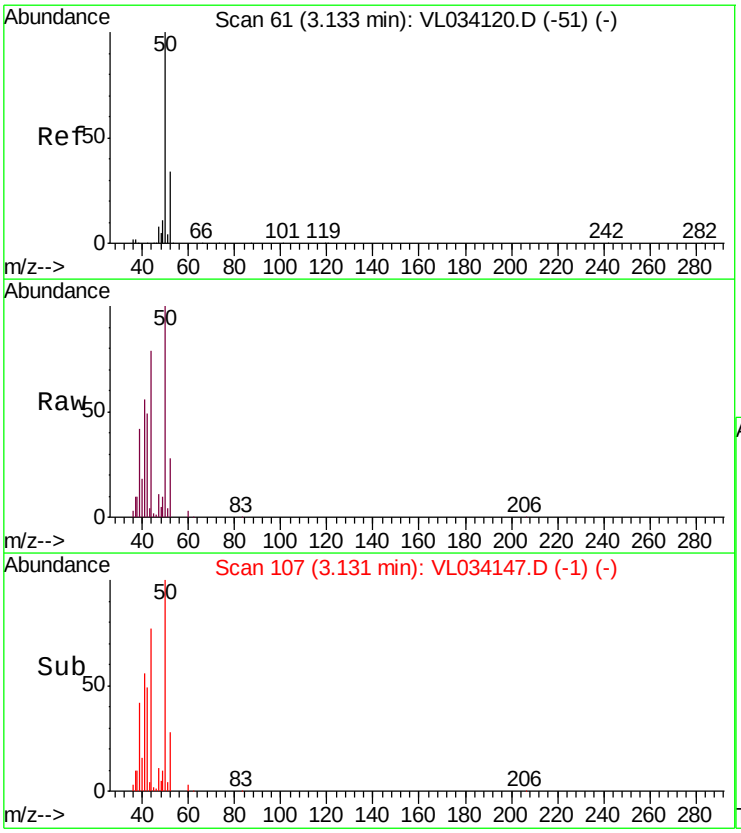
#3
Chlorodifluoromethane
Concen: 0.358 ppbv
RT: 2.98 min Scan# 59
Delta R.T. -0.00 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Instrument : MSVOA_L
ClientSampleId : SV3

Tgt Ion: 51 Resp: 24295

Ion	Ratio	Lower	Upper
51	100		
67	15.6	14.2	21.4

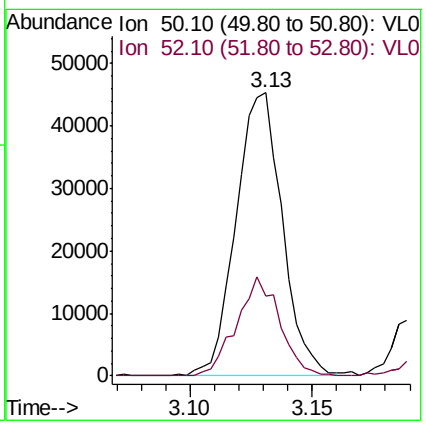


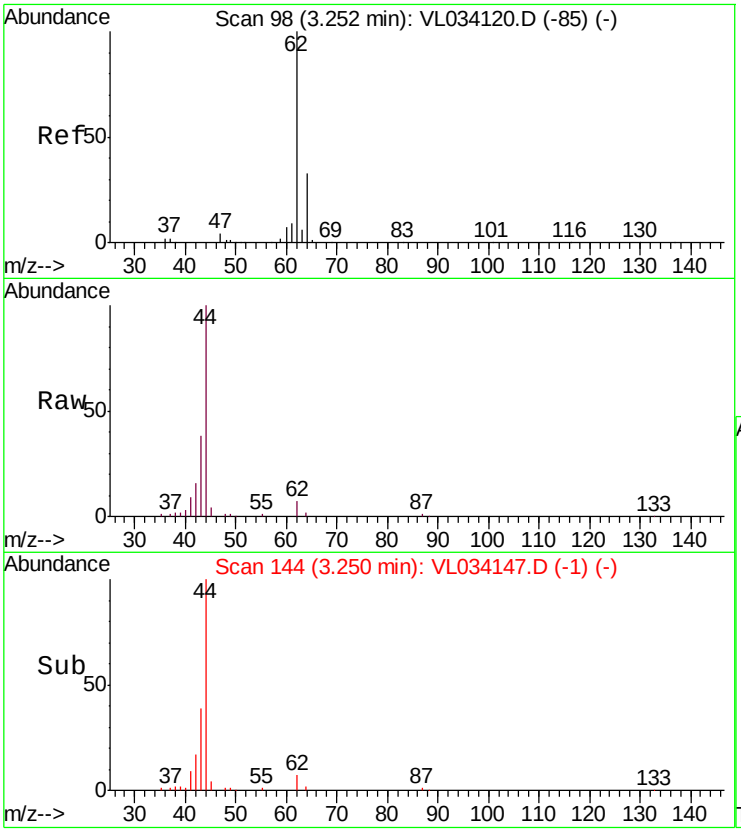


#4
Chloromethane
Concen: 1.400 ppbv
RT: 3.13 min Scan# 107
Delta R.T. -0.00 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Tgt Ion: 50 Resp: 59466

Ion	Ratio	Lower	Upper
50	100		
52	28.1	27.4	41.2



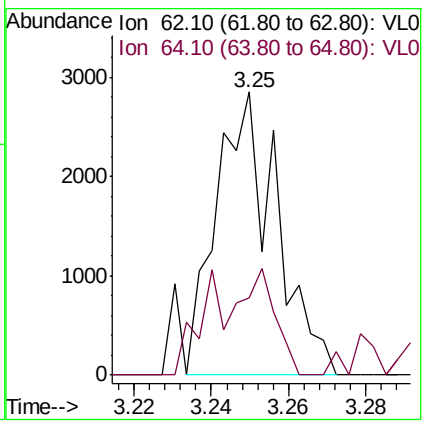


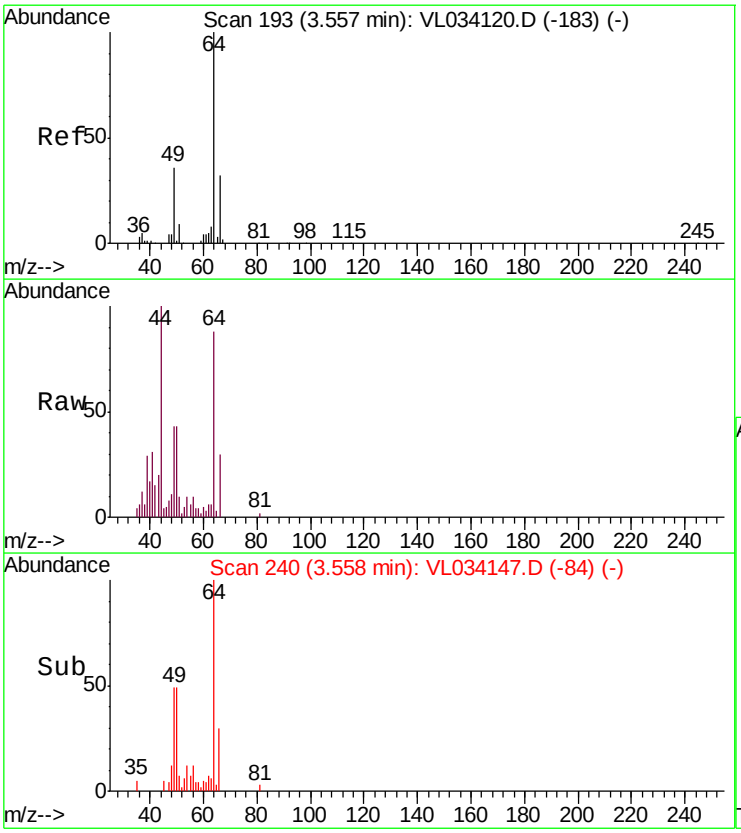
#5
Vinyl Chloride
Concen: 0.080 ppbv
RT: 3.25 min Scan# 144
Delta R.T. -0.00 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Instrument : MSVOA_L
ClientSampleId : SV3

Tgt Ion: 62 Resp: 3077

Ion	Ratio	Lower	Upper
62	100		
64	18.7	26.6	39.8#

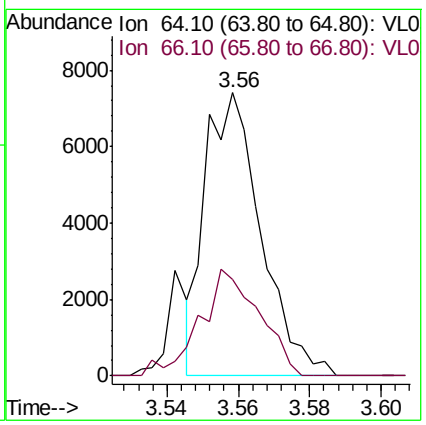


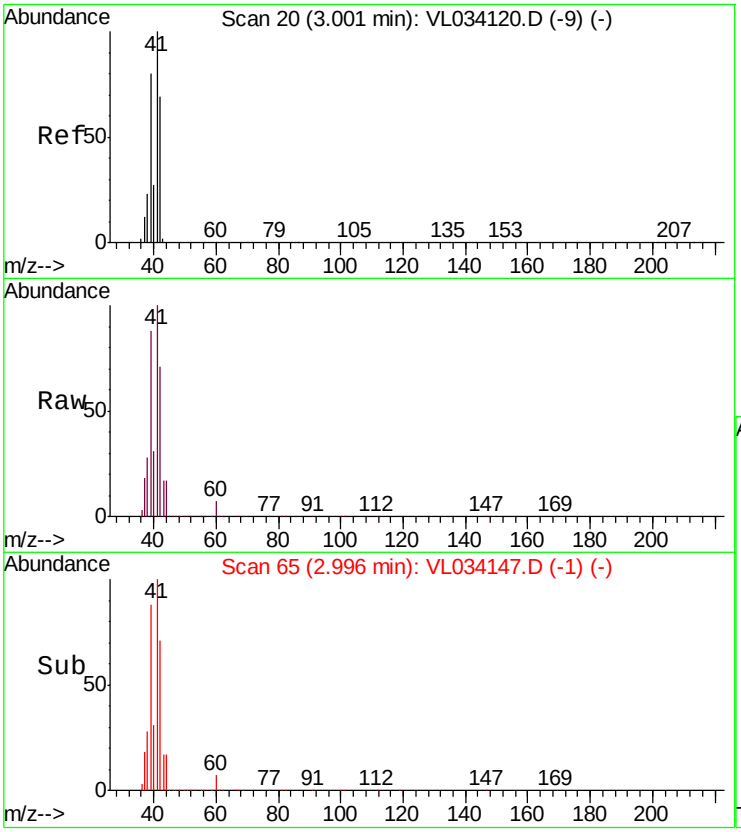


#7
Chloroethane
Concen: 0.610 ppbv
RT: 3.56 min Scan# 240
Delta R.T. 0.00 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Tgt Ion: 64 Resp: 8037

Ion	Ratio	Lower	Upper
64	100		
66	33.0	25.4	38.2



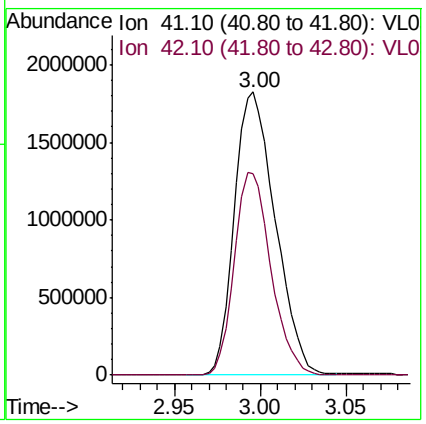


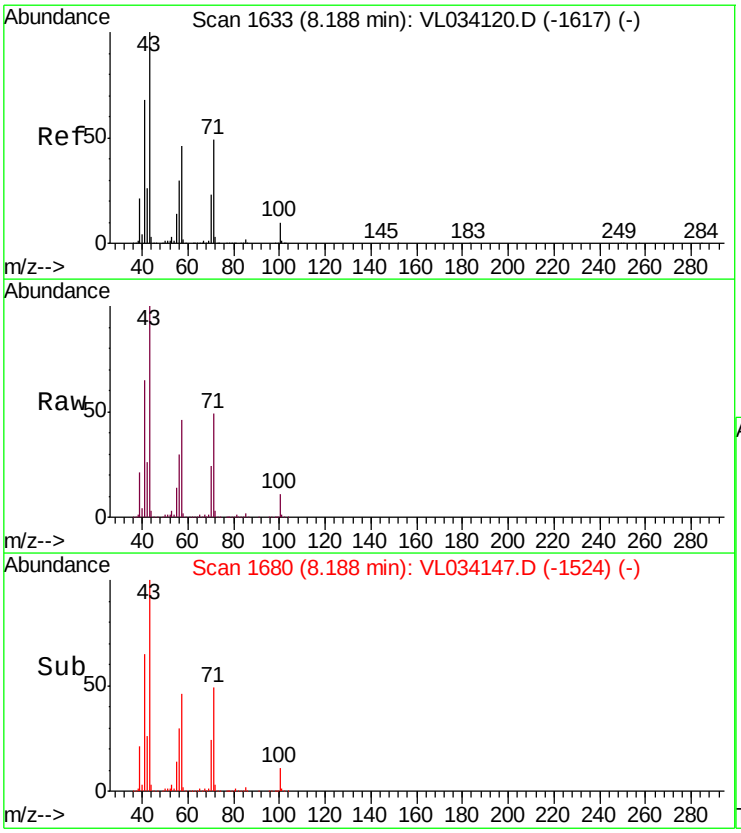
#9
Propene
Concen: 79.620 ppbv
RT: 3.00 min Scan# 65
Delta R.T. -0.01 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Instrument :
MSVOA_L
ClientSampleId :
SV3

Tgt Ion: 41 Resp: 3027294

Ion	Ratio	Lower	Upper
41	100		
42	64.4	54.6	81.8

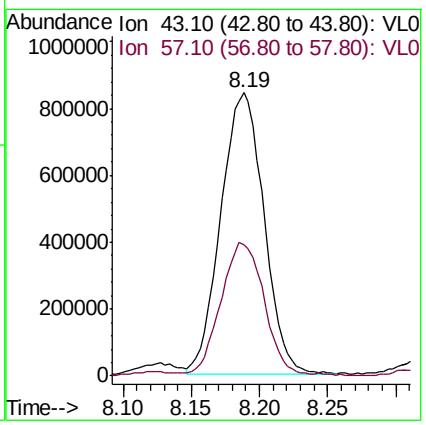


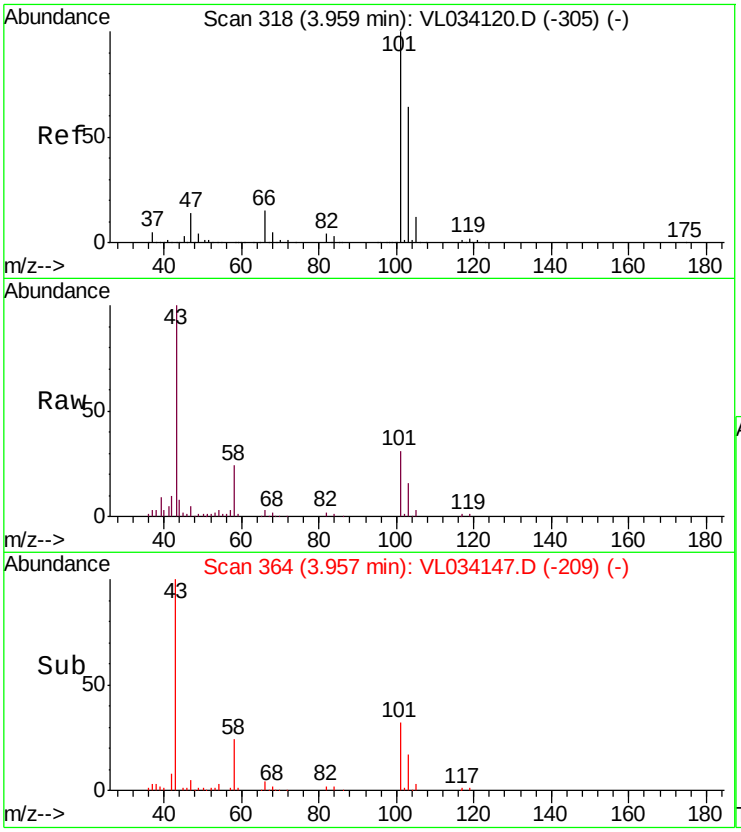


#10
Heptane
Concen: 18.669 ppbv
RT: 8.19 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Tgt Ion: 43 Resp: 1842129

Ion	Ratio	Lower	Upper
43	100		
57	47.8	38.1	57.1



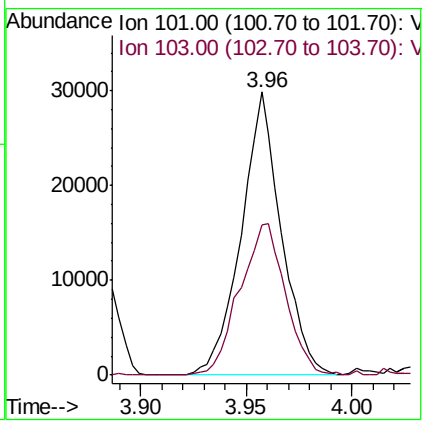


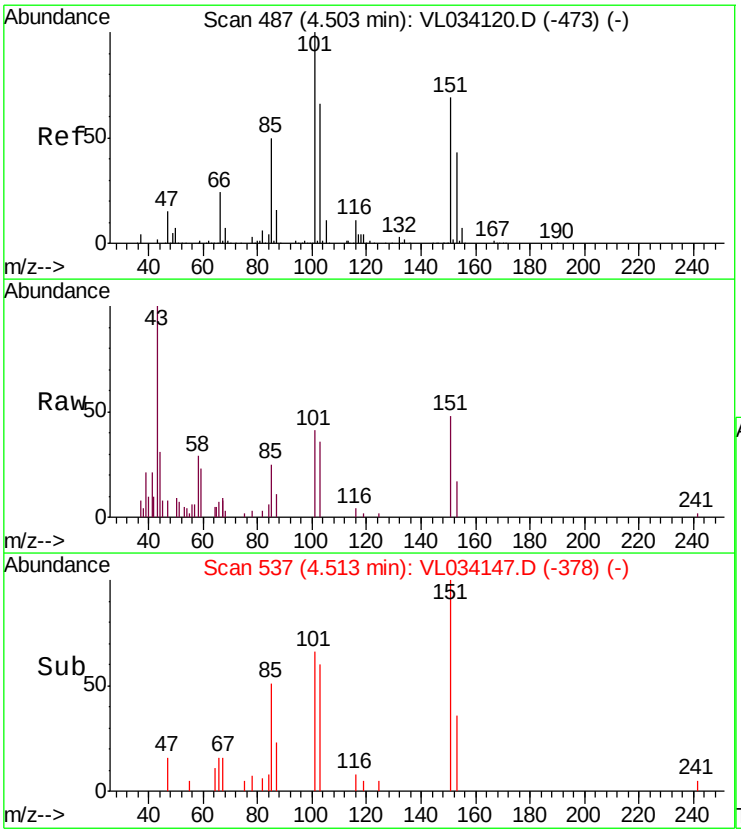
#11
Trichlorofluoromethane
Concen: 0.480 ppbv
RT: 3.96 min Scan# 364
Delta R.T. -0.00 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Instrument :
MSVOA_L
ClientSampleId :
SV3

Tgt Ion:101 Resp: 39388

Ion	Ratio	Lower	Upper
101	100		
103	53.2	51.4	77.2

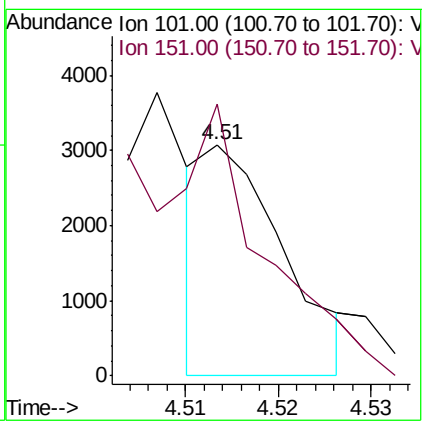


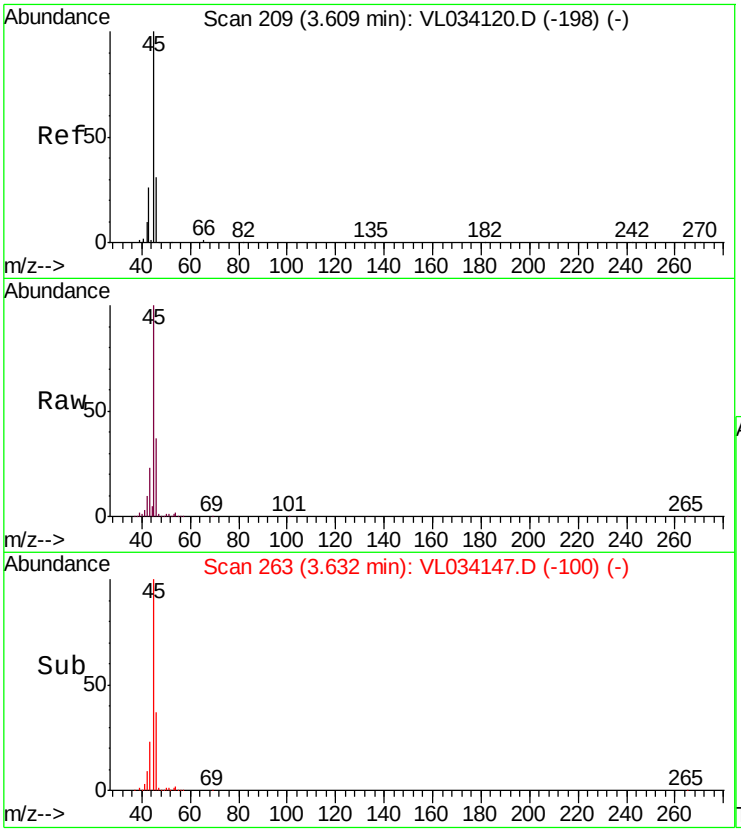


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.033 ppbv
RT: 4.51 min Scan# 537
Delta R.T. 0.01 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Tgt Ion:101 Resp: 1830

Ion	Ratio	Lower	Upper
101	100		
151	270.7	53.0	79.6#



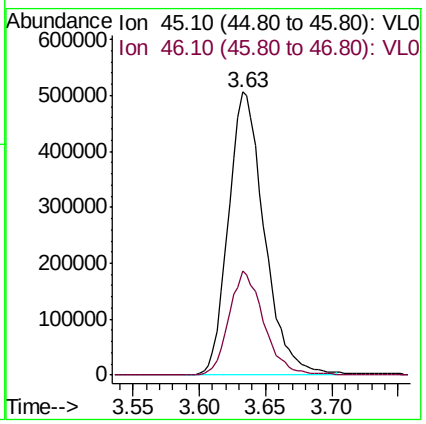


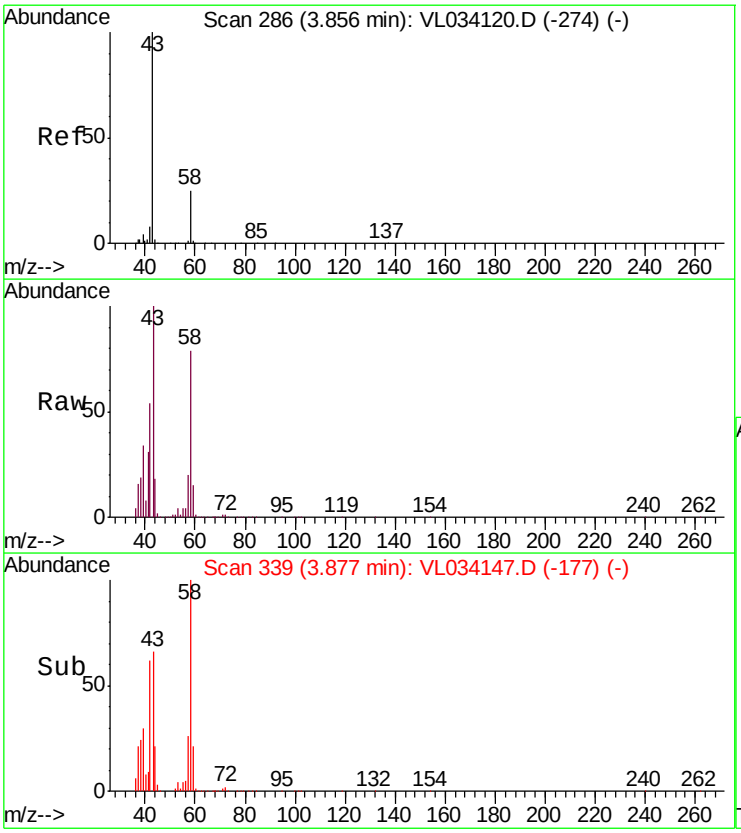
#13
Ethanol
Concen: 127.659 ppbv
RT: 3.63 min Scan# 263
Delta R.T. 0.02 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Instrument :
MSVOA_L
ClientSampleId :
SV3

Tgt Ion: 45 Resp: 950864

Ion	Ratio	Lower	Upper
45	100		
46	36.4	15.0	60.0

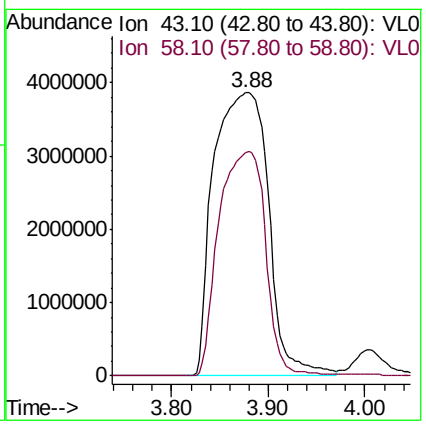


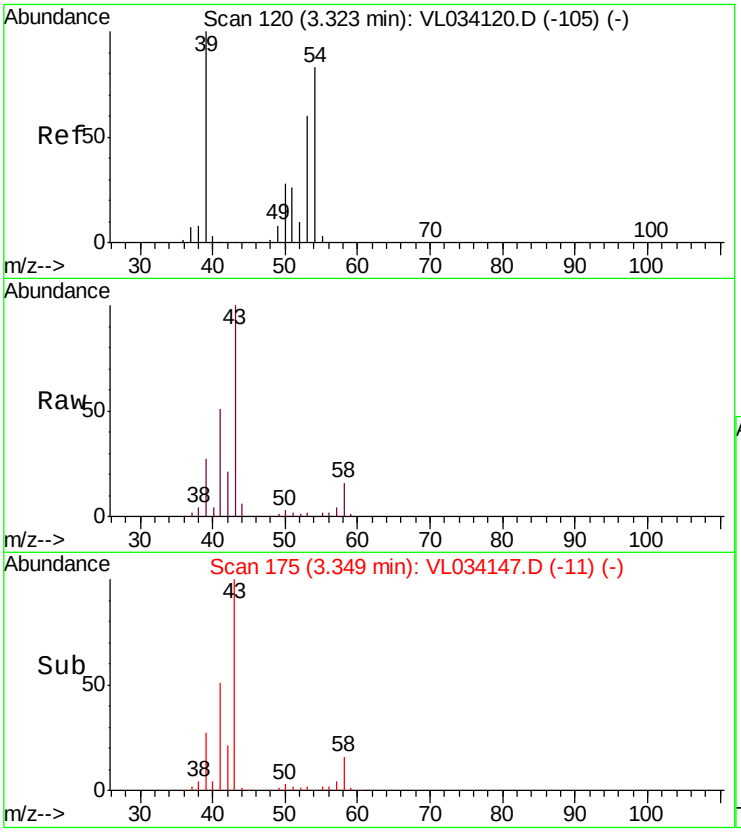


#15
Acetone
Concen: 206.544 ppbv
RT: 3.88 min Scan# 339
Delta R.T. 0.02 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Tgt Ion: 43 Resp:15175568

Ion	Ratio	Lower	Upper
43	100		
58	67.4	20.6	30.8#



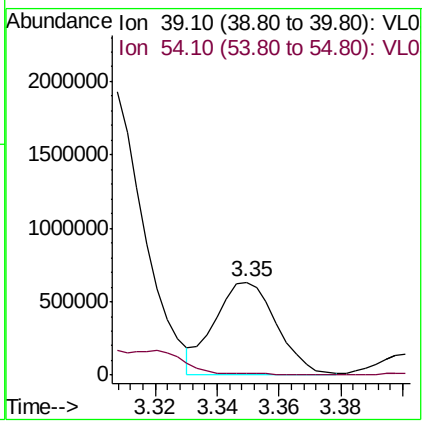


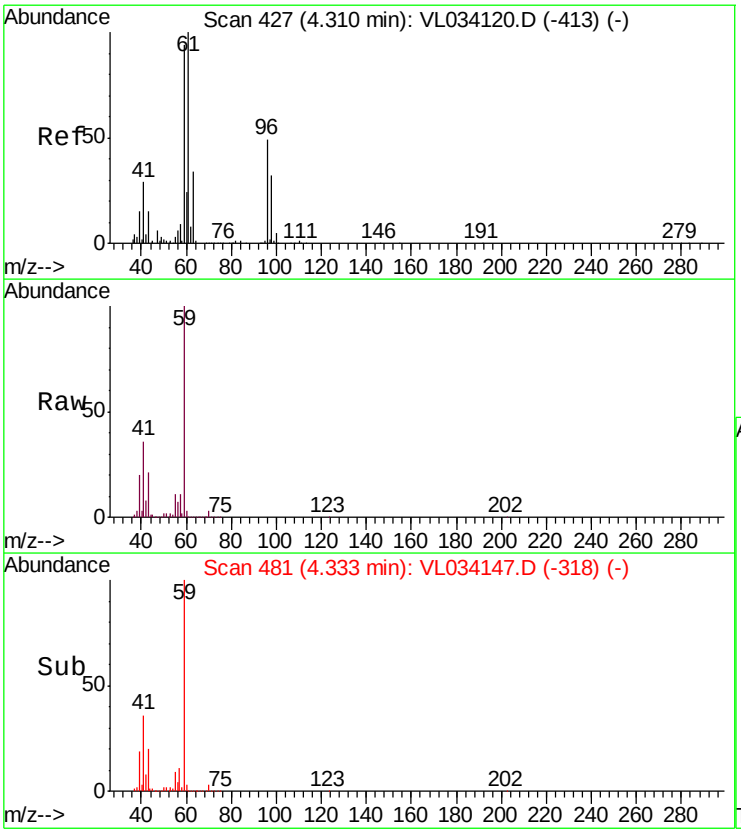
#16
1,3-Butadiene
Concen: 23.695 ppbv
RT: 3.35 min Scan# 175
Delta R.T. 0.03 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Instrument : MSVOA_L
ClientSampleId : SV3

Tgt Ion: 39 Resp: 881694

Ion	Ratio	Lower	Upper
39	100		
54	0.0	63.5	95.3#

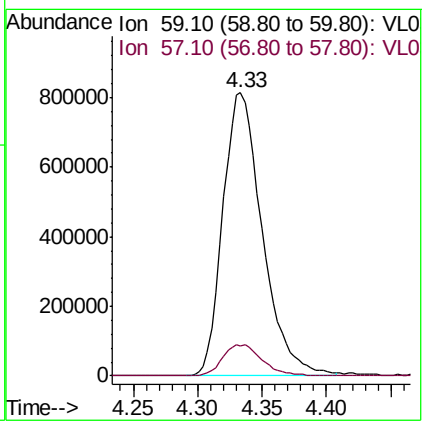


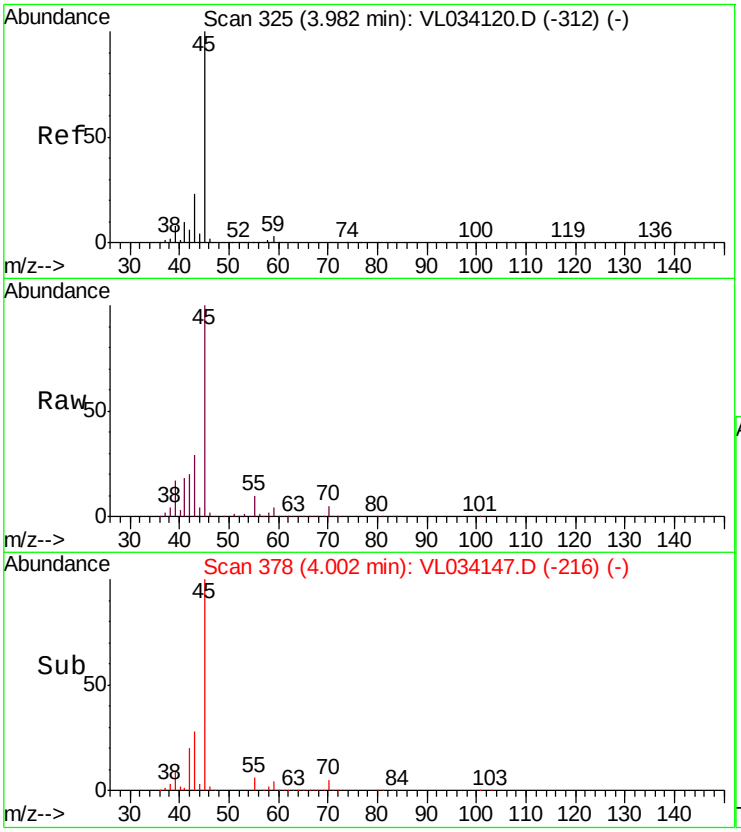


#17
tert-Butyl alcohol
Concen: 32.409 ppbv
RT: 4.33 min Scan# 481
Delta R.T. 0.02 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Tgt Ion: 59 Resp: 1728648

Ion	Ratio	Lower	Upper
59	100		
57	11.3	8.6	12.8



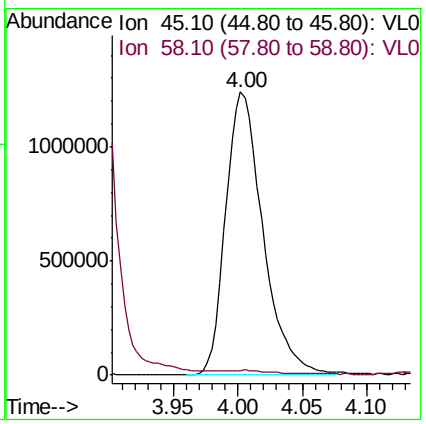


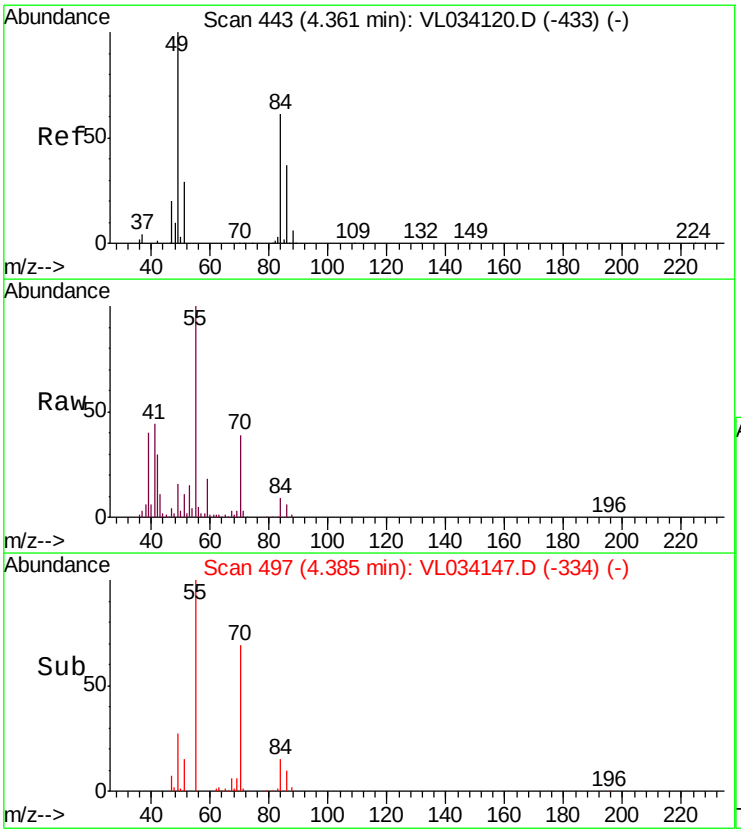
#19
Isopropyl Alcohol
Concen: 50.251 ppbv
RT: 4.00 min Scan# 378
Delta R.T. 0.02 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Instrument :
MSVOA_L
ClientSampleId :
SV3

Tgt Ion: 45 Resp: 2492056

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.0	1.6#

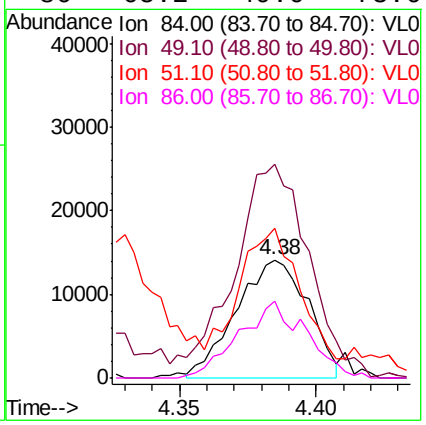


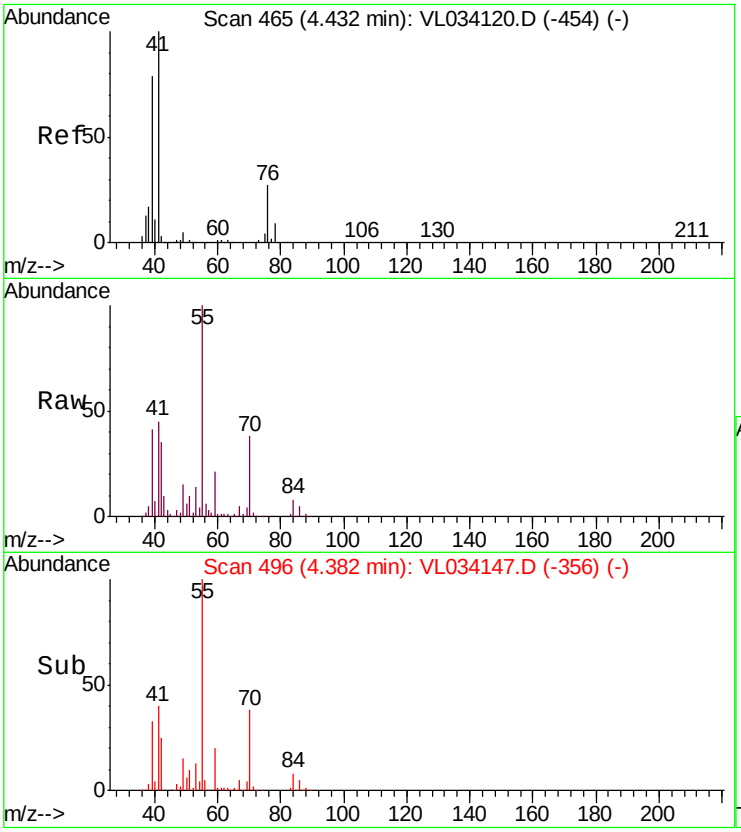


#20
Methylene Chloride
Concen: 1.062 ppbv
RT: 4.38 min Scan# 497
Delta R.T. 0.02 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Tgt Ion: 84 Resp: 25794

Ion	Ratio	Lower	Upper
84	100		
49	169.7	131.0	196.6
51	113.7	38.1	57.1#
86	65.2	49.0	73.6



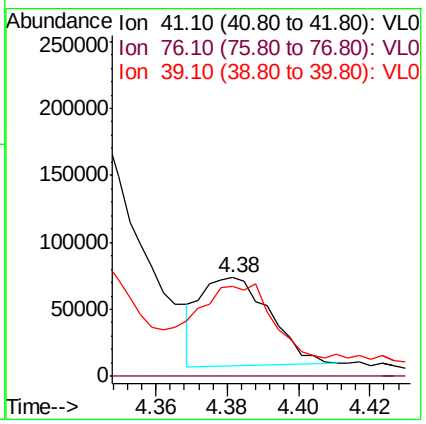


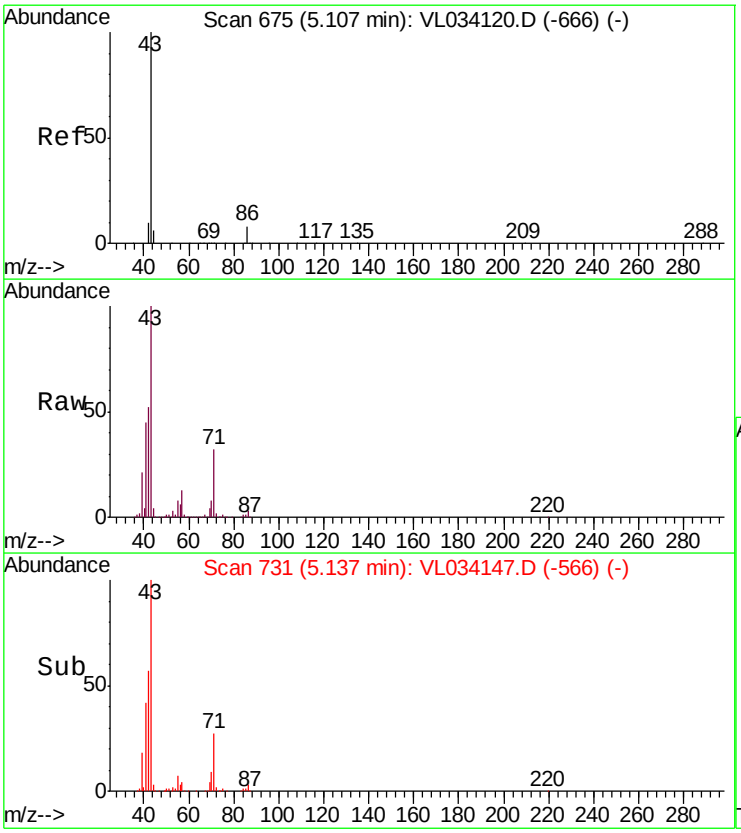
#21
Allyl Chloride
Concen: 1.838 ppbv
RT: 4.38 min Scan# 496
Delta R.T. -0.05 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Instrument : MSVOA_L
ClientSampleId : SV3

Tgt Ion: 41 Resp: 89029

Ion	Ratio	Lower	Upper
41	100		
76	0.0	21.6	32.4#
39	160.3	65.0	97.4#

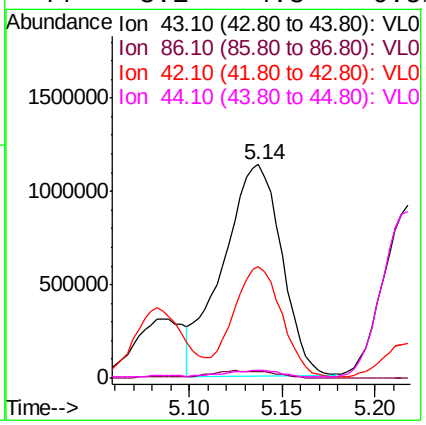


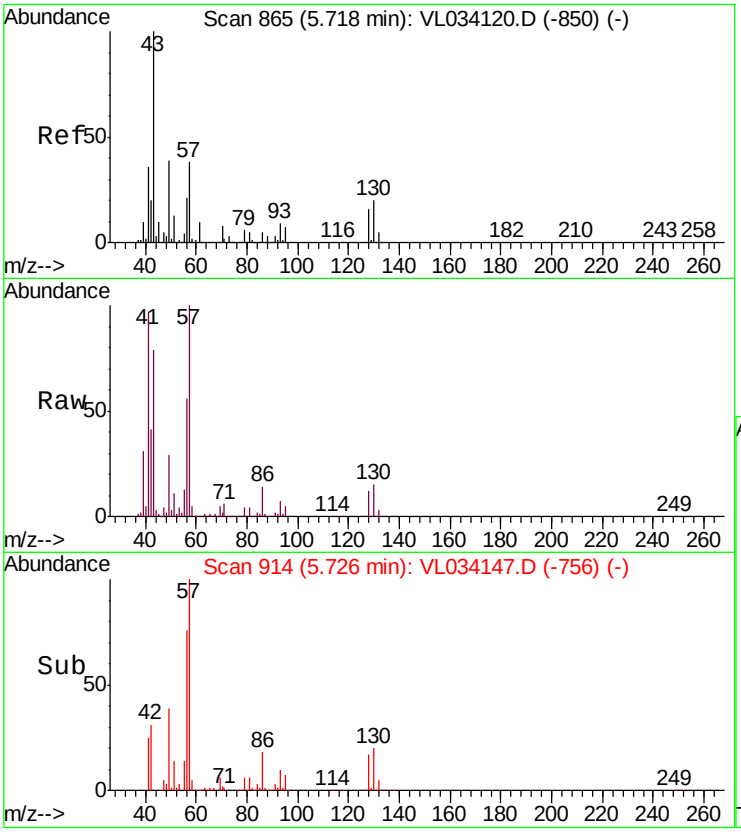


#23
Vinyl Acetate
Concen: 20.119 ppbv
RT: 5.14 min Scan# 731
Delta R.T. 0.03 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Tgt Ion: 43 Resp: 2507921

Ion	Ratio	Lower	Upper
43	100		
86	2.9	5.5	8.3#
42	52.2	8.2	12.4#
44	3.1	4.3	6.5#



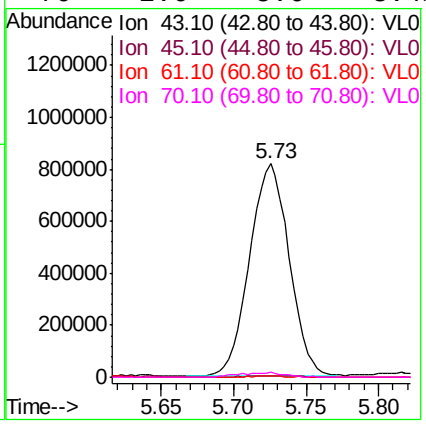


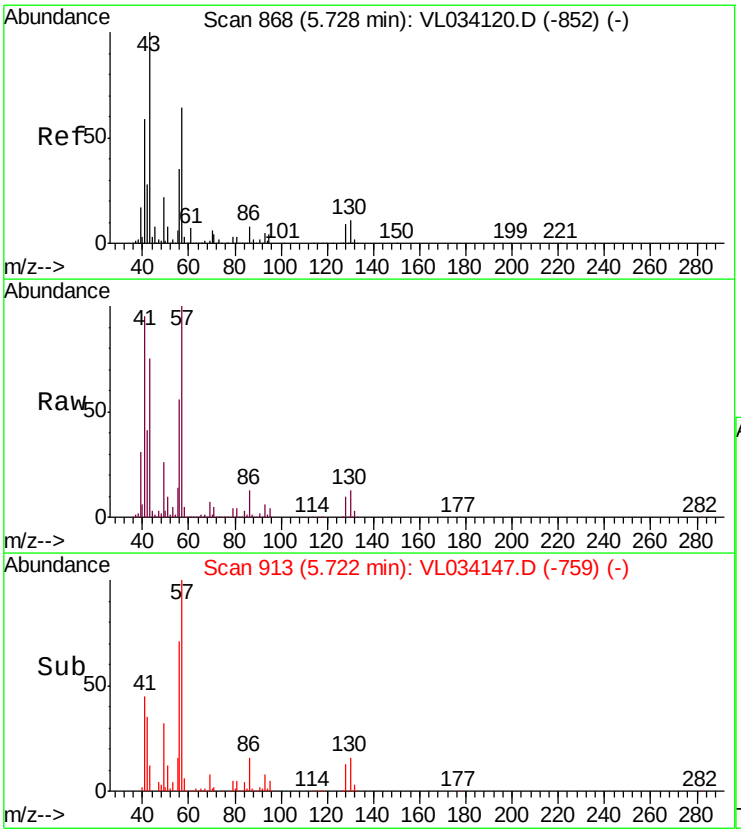
#25
Ethyl Acetate
Concen: 9.671 ppbv
RT: 5.73 min Scan# 914
Delta R.T. 0.01 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Instrument : MSVOA_L
ClientSampleId : SV3

Tgt Ion: 43 Resp: 1559715

Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.2	12.4#
61	0.6	7.4	11.2#
70	2.6	5.6	8.4#

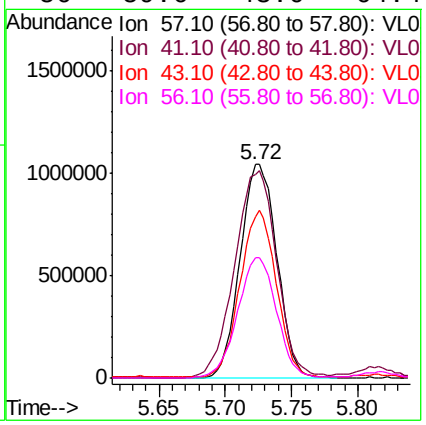


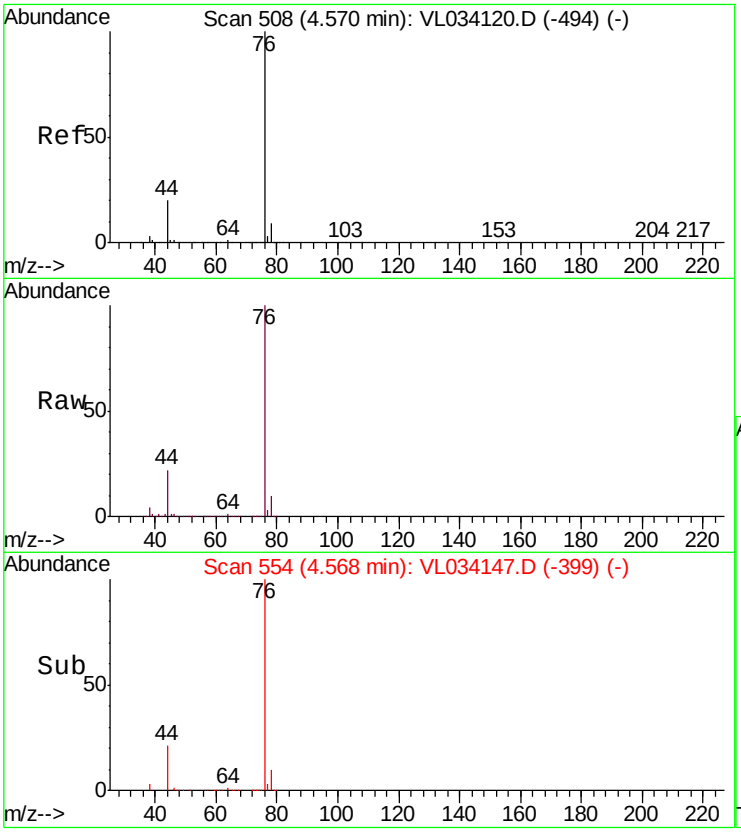


#26
Hexane
Concen: 28.101 ppbv
RT: 5.72 min Scan# 913
Delta R.T. -0.01 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Tgt Ion: 57 Resp: 2014977

Ion	Ratio	Lower	Upper
57	100		
41	110.5	76.6	115.0
43	77.6	189.2	283.8#
56	59.6	43.0	64.4



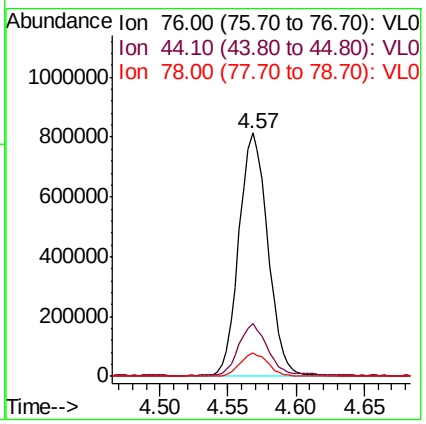


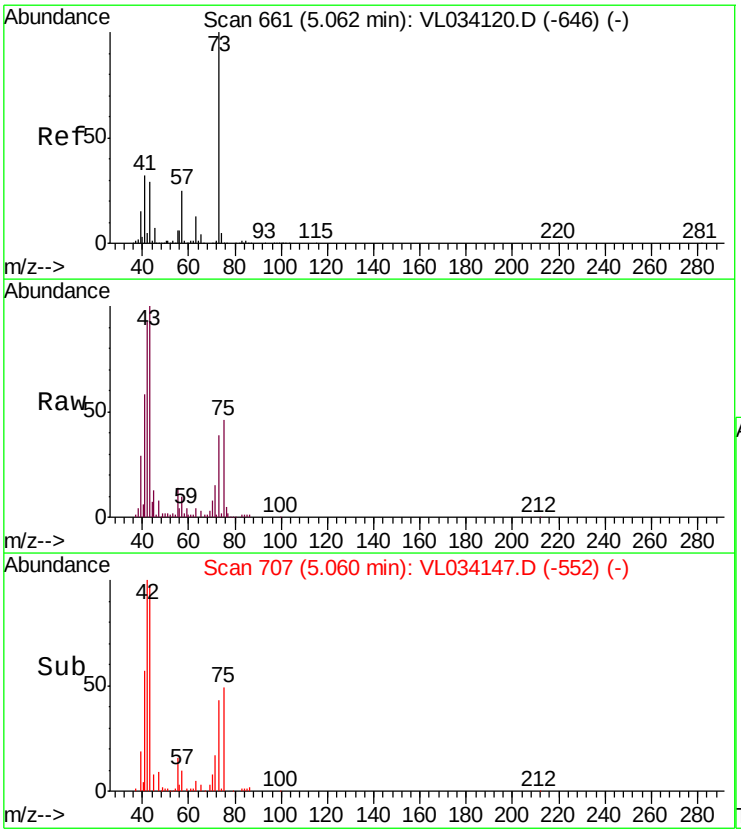
#27
Carbon Disulfide
Concen: 18.564 ppbv
RT: 4.57 min Scan# 554
Delta R.T. -0.00 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Instrument : MSVOA_L
ClientSampleId : SV3

Tgt Ion: 76 Resp: 1201385

Ion	Ratio	Lower	Upper
76	100		
44	21.6	17.6	26.4
78	9.3	7.3	10.9

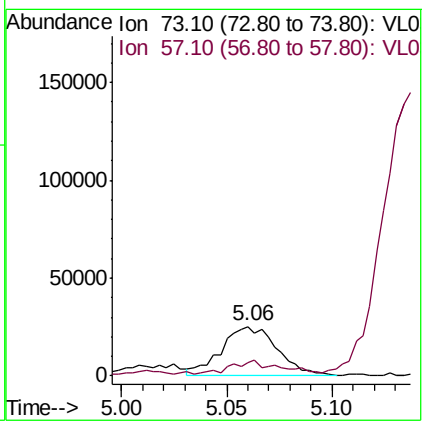


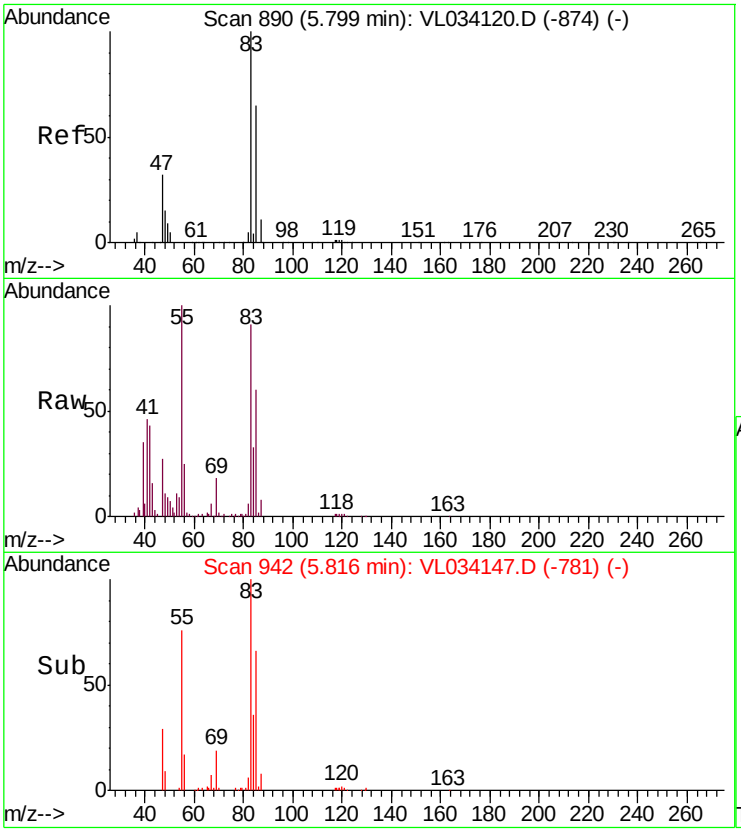


#28
Methyl tert-Butyl Ether
Concen: 0.436 ppbv
RT: 5.06 min Scan# 707
Delta R.T. -0.00 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Tgt Ion: 73 Resp: 45853

Ion	Ratio	Lower	Upper
73	100		
57	567.6	19.8	29.8#



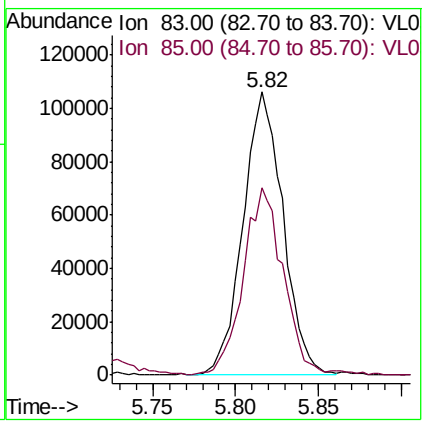


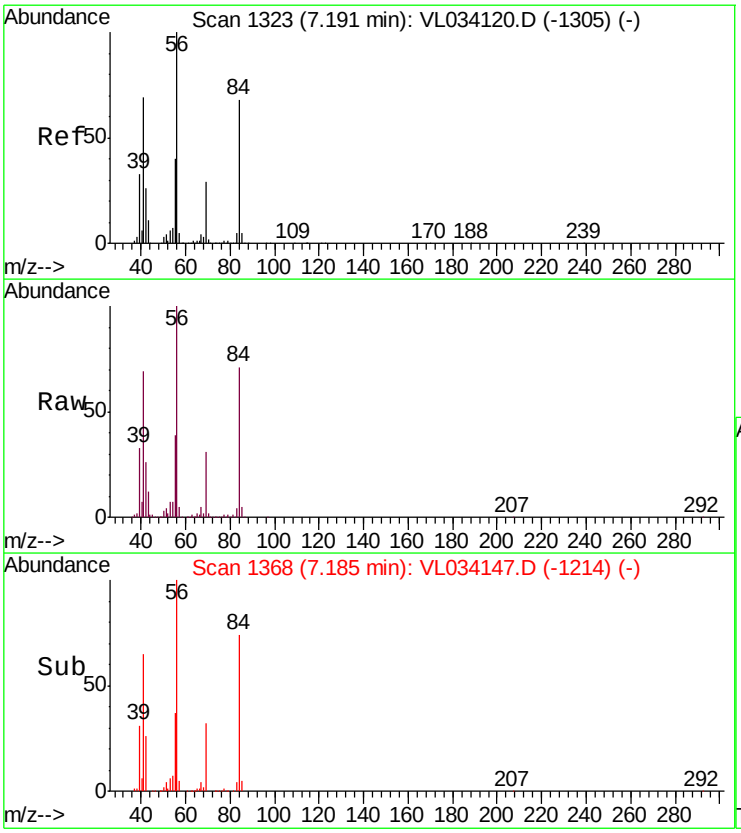
#29
Chloroform
Concen: 1.830 ppbv
RT: 5.82 min Scan# 942
Delta R.T. 0.02 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Instrument : MSVOA_L
ClientSampleId : SV3

Tgt Ion: 83 Resp: 177025

Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.8	77.6

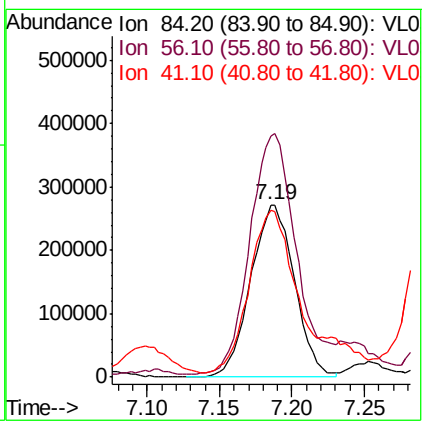


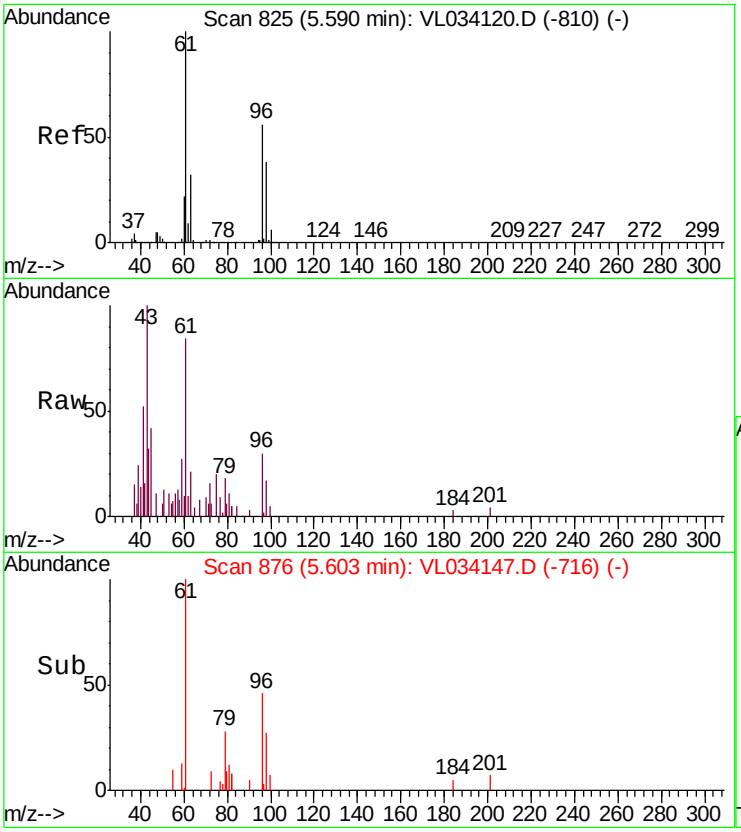


#30
Cyclohexane
Concen: 10.978 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Tgt Ion: 84 Resp: 569092

Ion	Ratio	Lower	Upper
84	100		
56	164.4	122.6	183.8
41	115.0	79.1	118.7



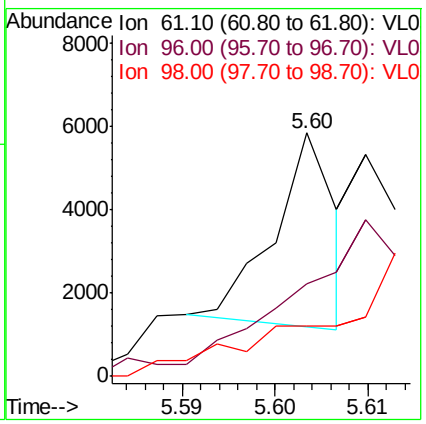


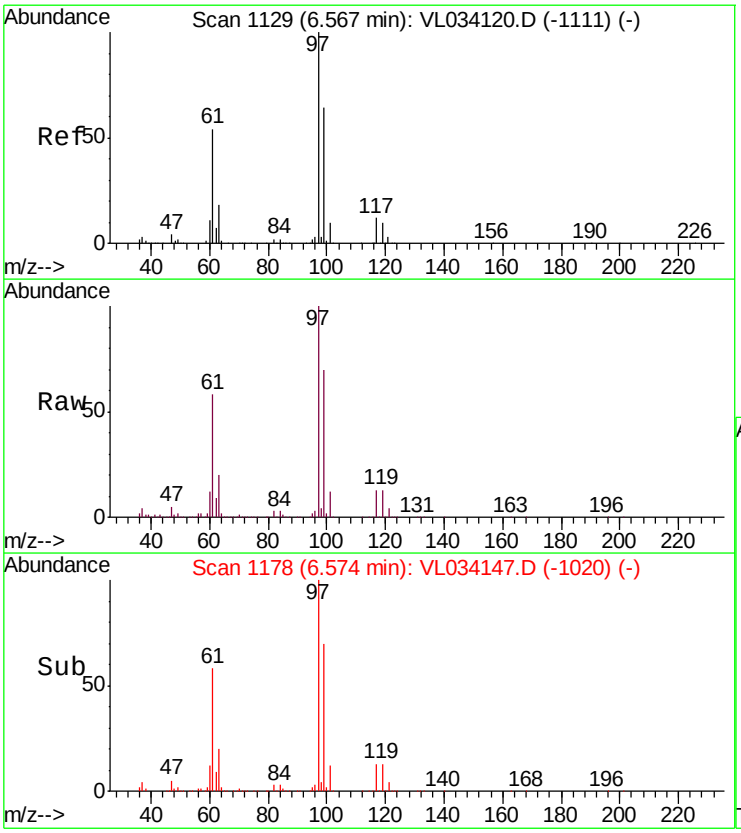
#31
cis-1,2-Dichloroethene
Concen: 0.031 ppbv
RT: 5.60 min Scan# 876
Delta R.T. 0.01 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Instrument : MSVOA_L
ClientSampleId : SV3

Tgt Ion: 61 Resp: 2097

Ion	Ratio	Lower	Upper
61	100		
96	44.2	44.4	66.6#
98	19.1	30.0	45.0#

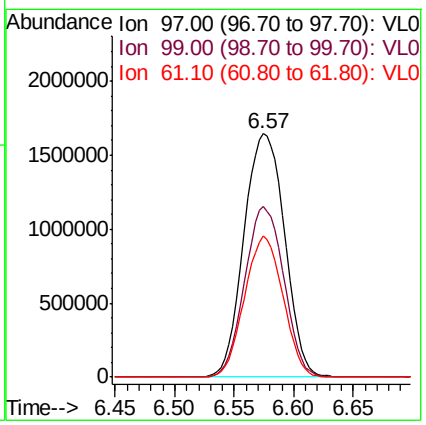


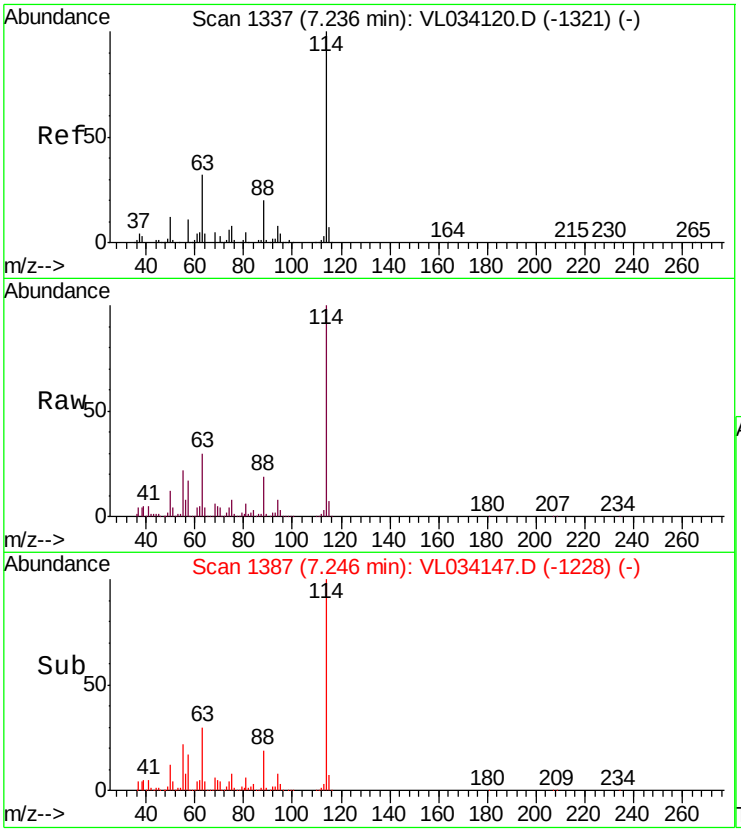


#32
1,1,1-Trichloroethane
Concen: 42.654 ppbv
RT: 6.57 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Tgt Ion: 97 Resp: 3897498

Ion	Ratio	Lower	Upper
97	100		
99	67.6	51.7	77.5
61	54.8	44.0	66.0



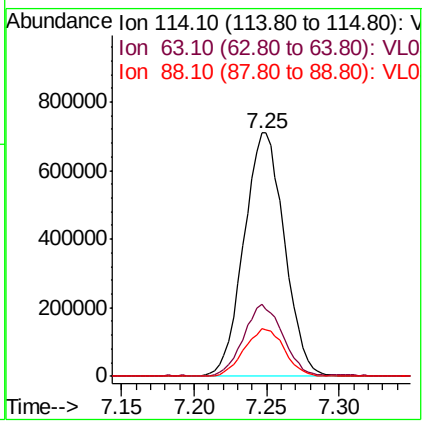


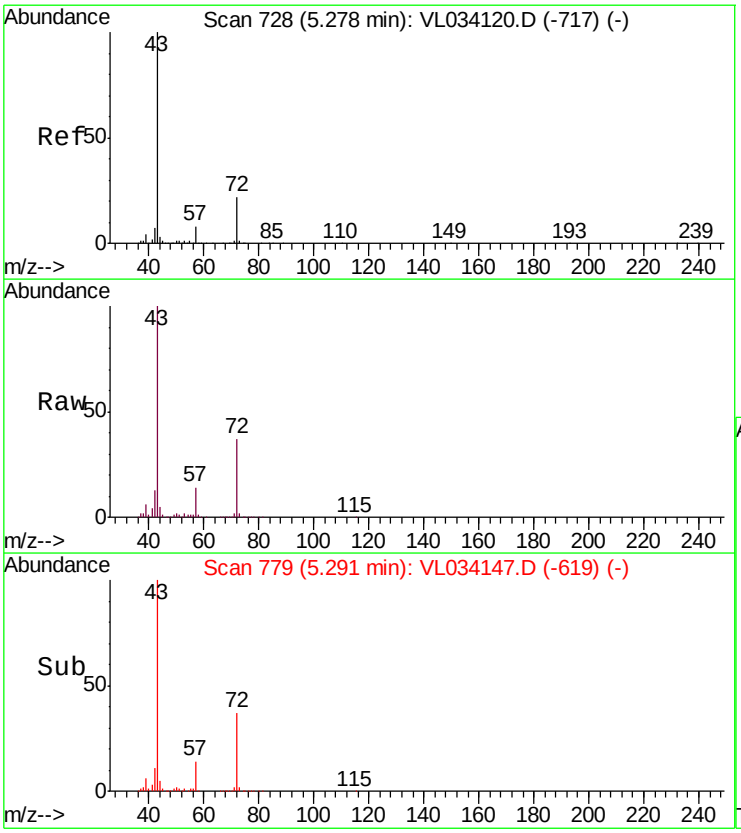
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.25 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Instrument :
MSVOA_L
ClientSampleId :
SV3

Tgt Ion:114 Resp: 1378449

Ion	Ratio	Lower	Upper
114	100		
63	29.8	25.5	38.3
88	19.6	16.8	25.2

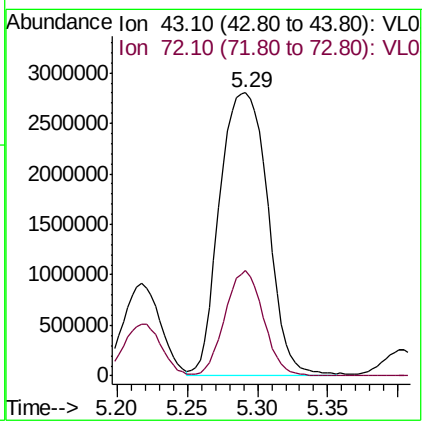


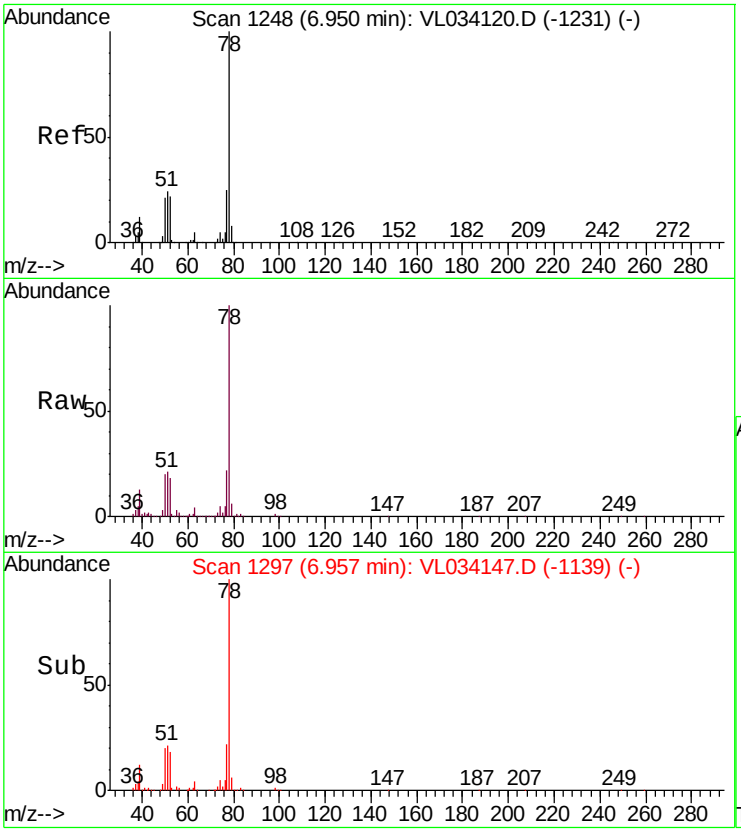


#34
2-Butanone
Concen: 50.136 ppbv
RT: 5.29 min Scan# 779
Delta R.T. 0.01 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Tgt Ion: 43 Resp: 6644009

Ion	Ratio	Lower	Upper
43	100		
72	29.7	16.5	24.7#



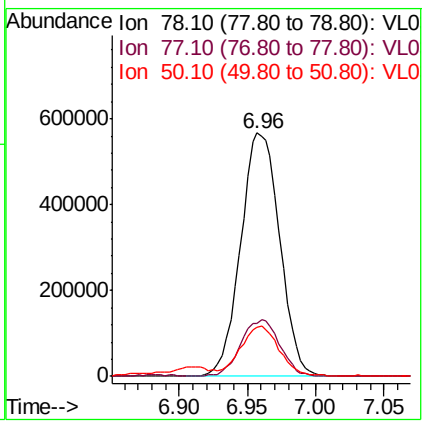


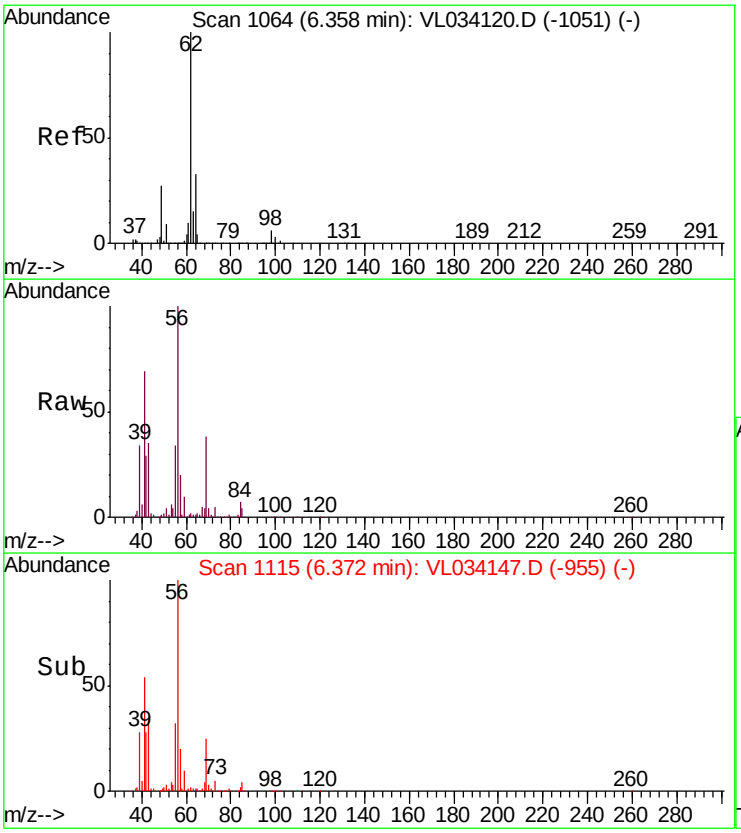
#36
Benzene
Concen: 7.136 ppbv
RT: 6.96 min Scan# 1297
Delta R.T. 0.01 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Instrument :
MSVOA_L
ClientSampleId :
SV3

Tgt Ion: 78 Resp: 1124318

Ion	Ratio	Lower	Upper
78	100		
77	21.7	20.3	30.5
50	19.5	16.9	25.3

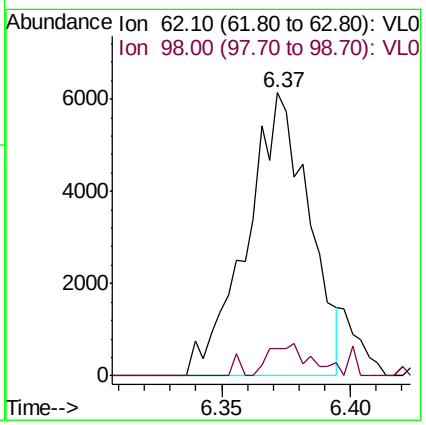


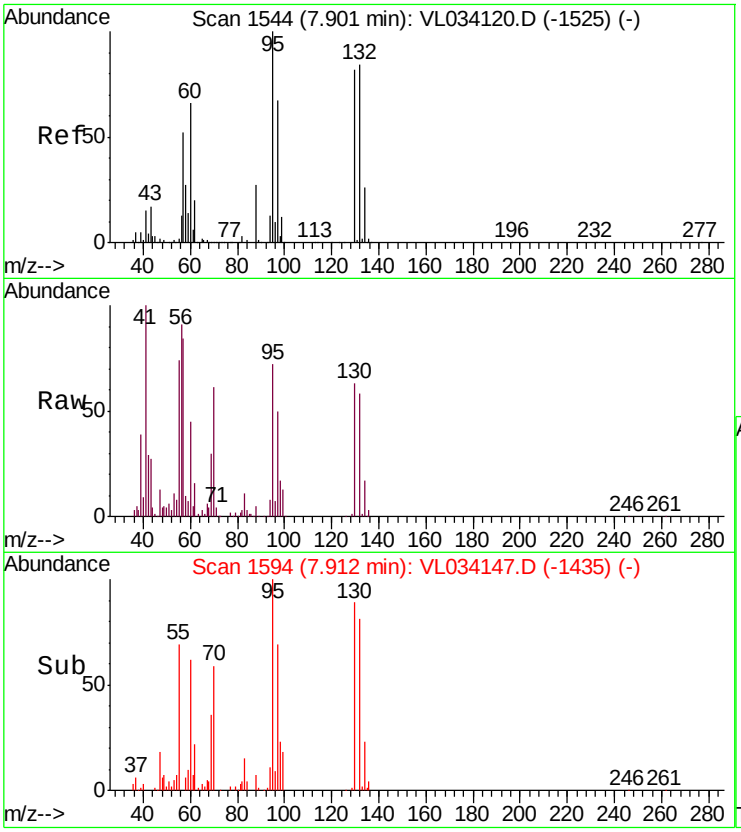


#37
1,2-Dichloroethane
Concen: 0.107 ppbv
RT: 6.37 min Scan# 1115
Delta R.T. 0.01 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Tgt Ion: 62 Resp: 10324

Ion	Ratio	Lower	Upper
62	100		
98	0.0	4.4	6.6#



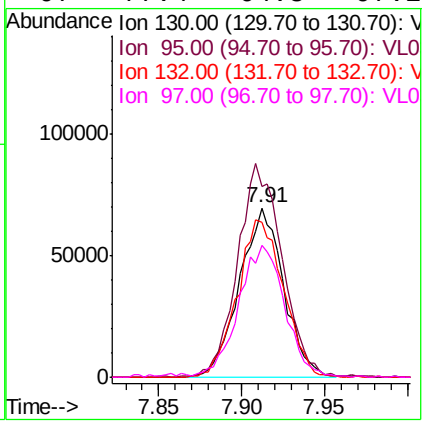


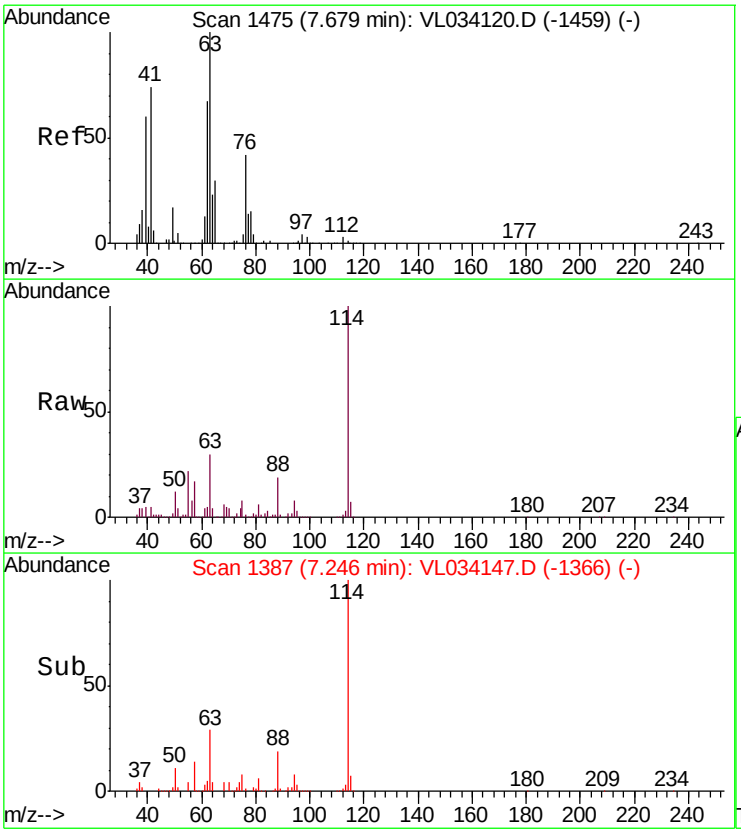
#38
Trichloroethene
Concen: 2.191 ppbv
RT: 7.91 min Scan# 1594
Delta R.T. 0.01 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Instrument : MSVOA_L
ClientSampleId : SV3

Tgt Ion:130 Resp: 128788

Ion	Ratio	Lower	Upper
130	100		
95	112.0	97.2	145.8
132	91.4	81.4	122.2
97	77.4	64.8	97.2

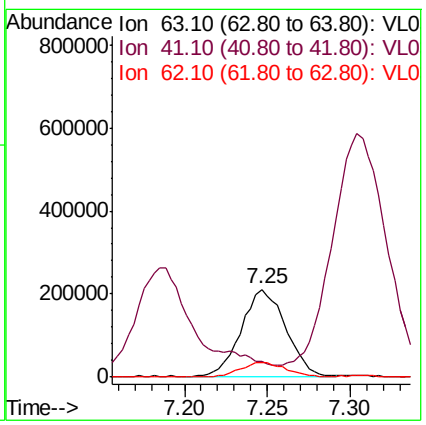


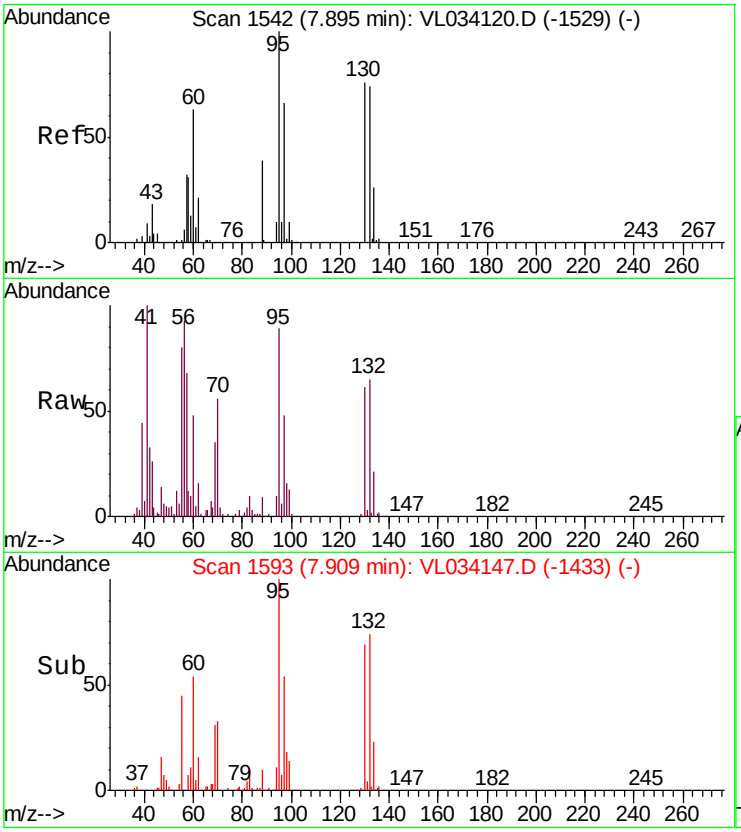


#39
1,2-Dichloropropane
Concen: 5.811 ppbv
RT: 7.25 min Scan# 1387
Delta R.T. -0.43 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Tgt Ion: 63 Resp: 391845

Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.3	88.9#
62	16.8	53.8	80.6#



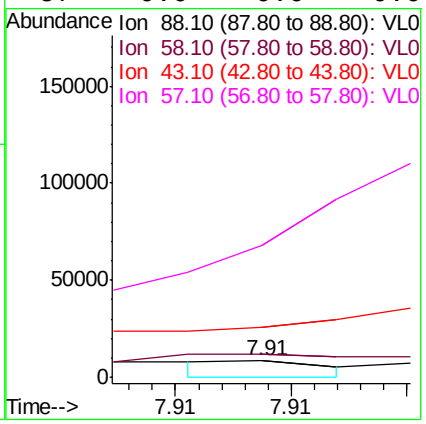


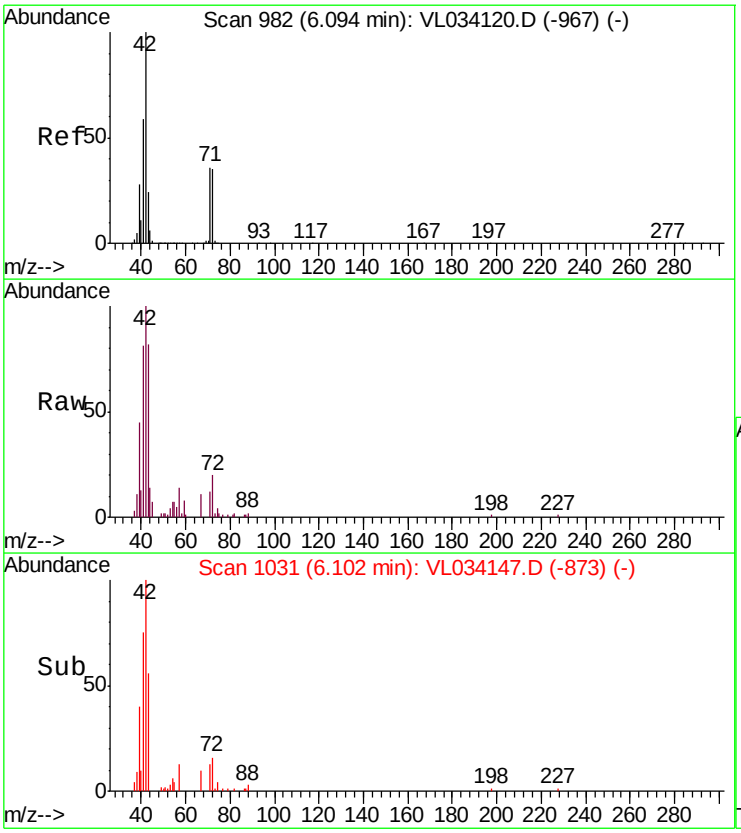
#40
1,4-Dioxane
Concen: 0.110 ppbv
RT: 7.91 min Scan# 1593
Delta R.T. 0.01 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Instrument : MSVOA_L
ClientSampleId : SV3

Tgt Ion: 88 Resp: 2723

Ion	Ratio	Lower	Upper
88	100		
58	0.0	121.7	182.5#
43	0.0	0.0	0.0
57	0.0	0.0	0.0

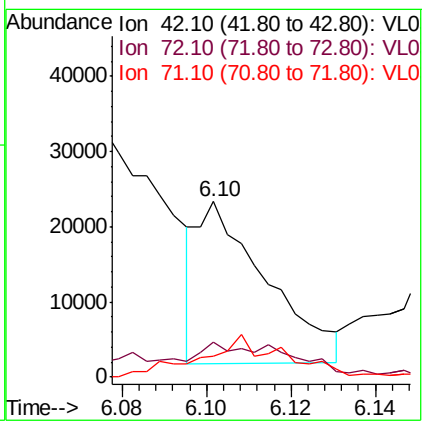


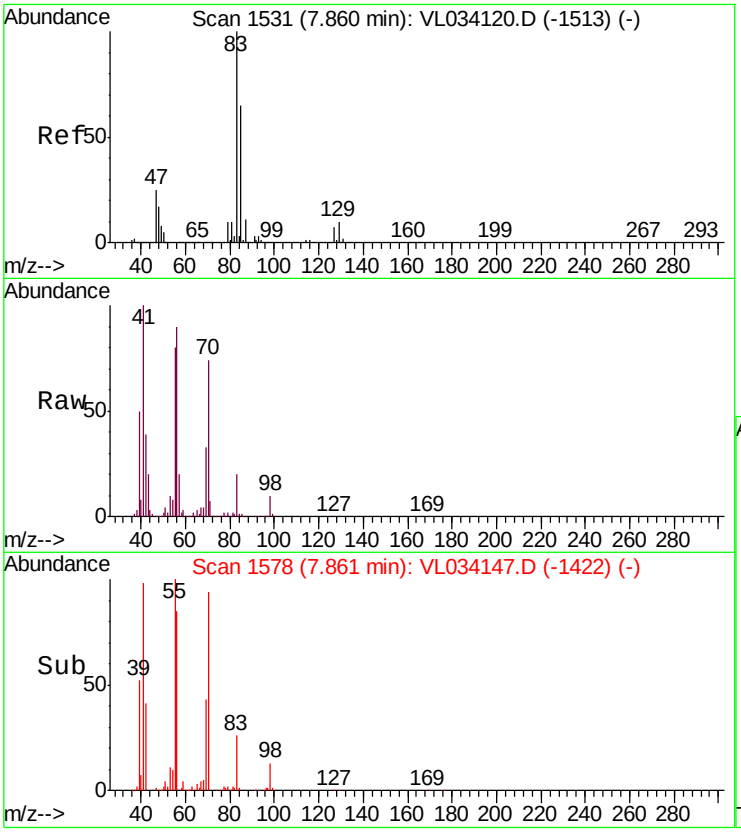


#41
Tetrahydrofuran
Concen: 0.307 ppbv
RT: 6.10 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Tgt Ion: 42 Resp: 24381

Ion	Ratio	Lower	Upper
42	100		
72	58.5	27.7	41.5#
71	32.8	26.7	40.1



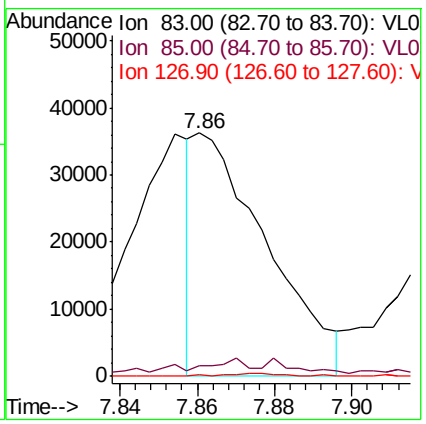


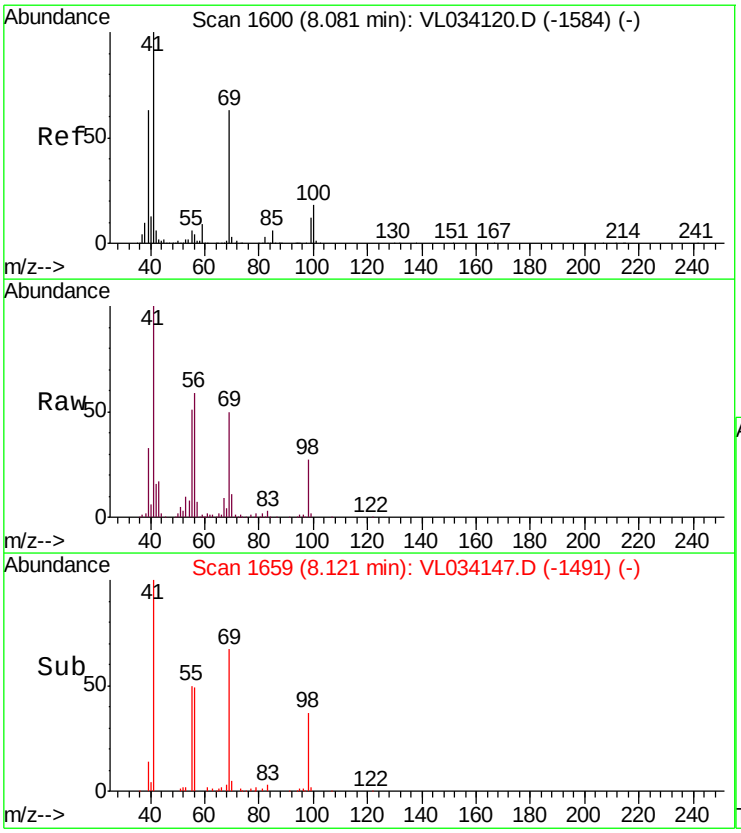
#42
Bromodichloromethane
Concen: 0.373 ppbv
RT: 7.86 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Instrument : MSVOA_L
ClientSampleId : SV3

Tgt Ion: 83 Resp: 46969

Ion	Ratio	Lower	Upper
83	100		
85	2.5	51.6	77.4#
127	0.6	5.4	8.0#

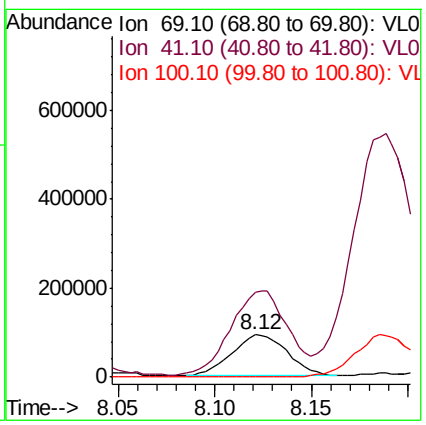


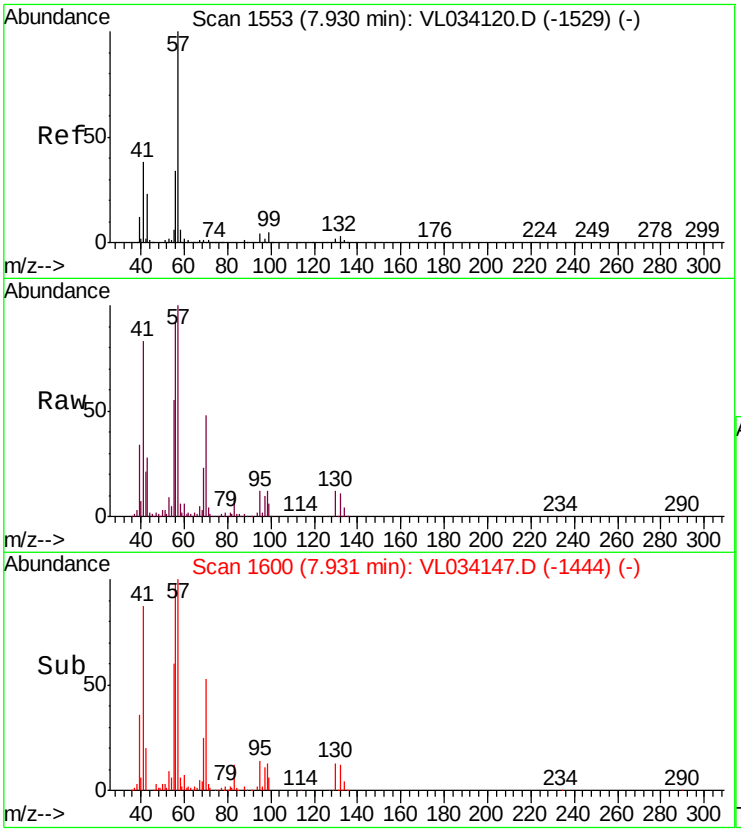


#43
Methyl Methacrylate
Concen: 2.833 ppbv
RT: 8.12 min Scan# 1659
Delta R.T. 0.04 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Tgt Ion: 69 Resp: 183916

Ion	Ratio	Lower	Upper
69	100		
41	217.2	131.0	196.6#
100	0.0	22.6	33.8#



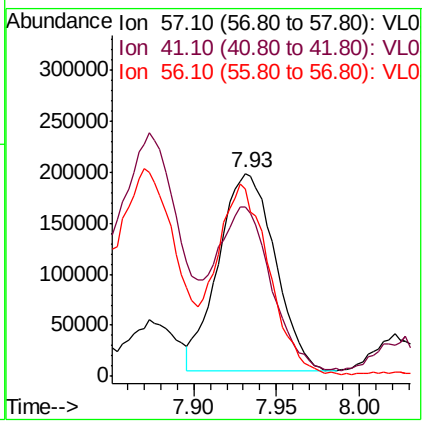


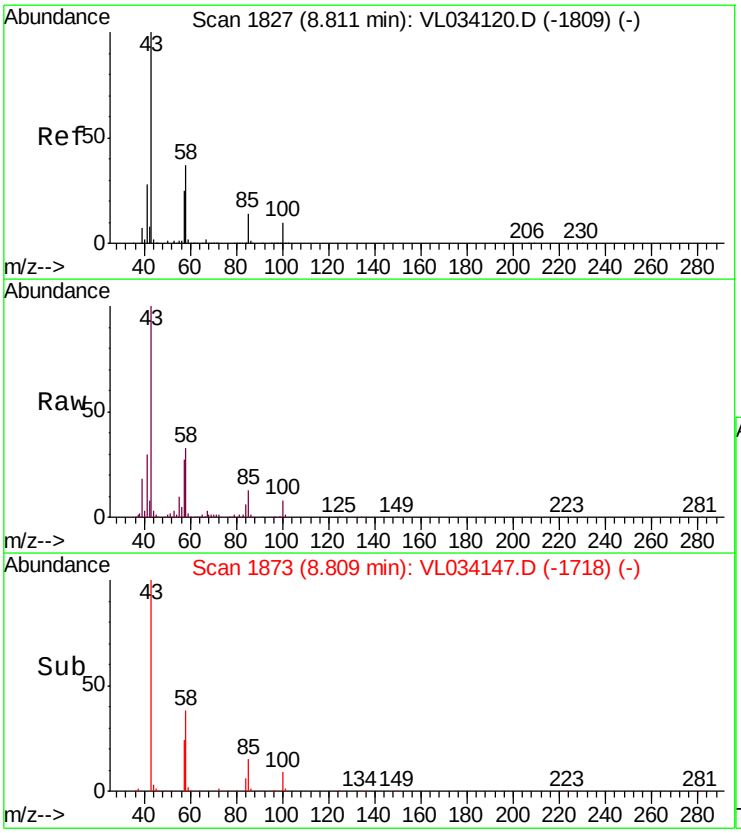
#44
2,2,4-Trimethylpentane
Concen: 1.581 ppbv
RT: 7.93 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Instrument :
MSVOA_L
ClientSampleId :
SV3

Tgt Ion: 57 Resp: 459387

Ion	Ratio	Lower	Upper
57	100		
41	78.4	28.4	42.6#
56	85.7	26.3	39.5#

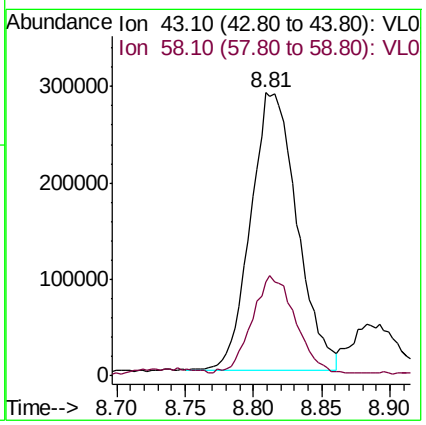


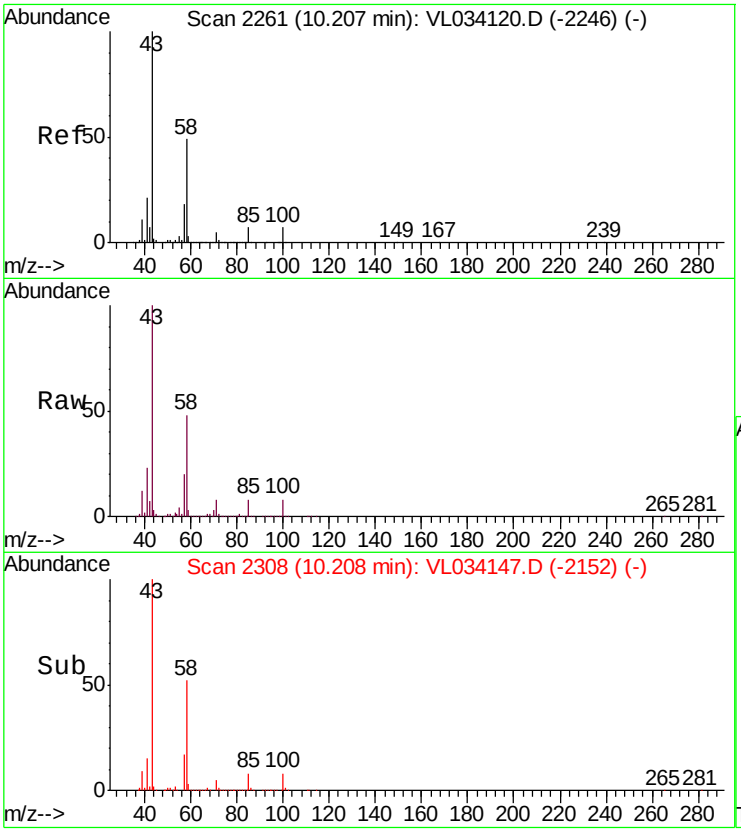


#50
4-Methyl-2-Pentanone
Concen: 3.350 ppbv
RT: 8.81 min Scan# 1873
Delta R.T. -0.00 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Tgt Ion: 43 Resp: 677506

Ion	Ratio	Lower	Upper
43	100		
58	34.6	28.5	42.7



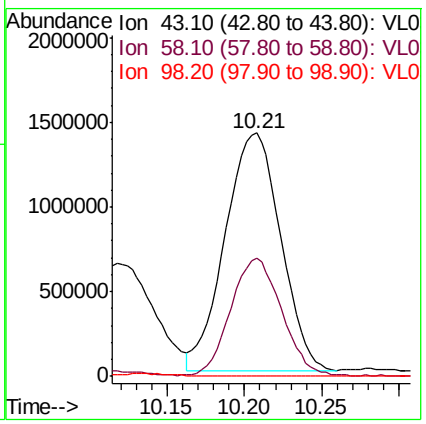


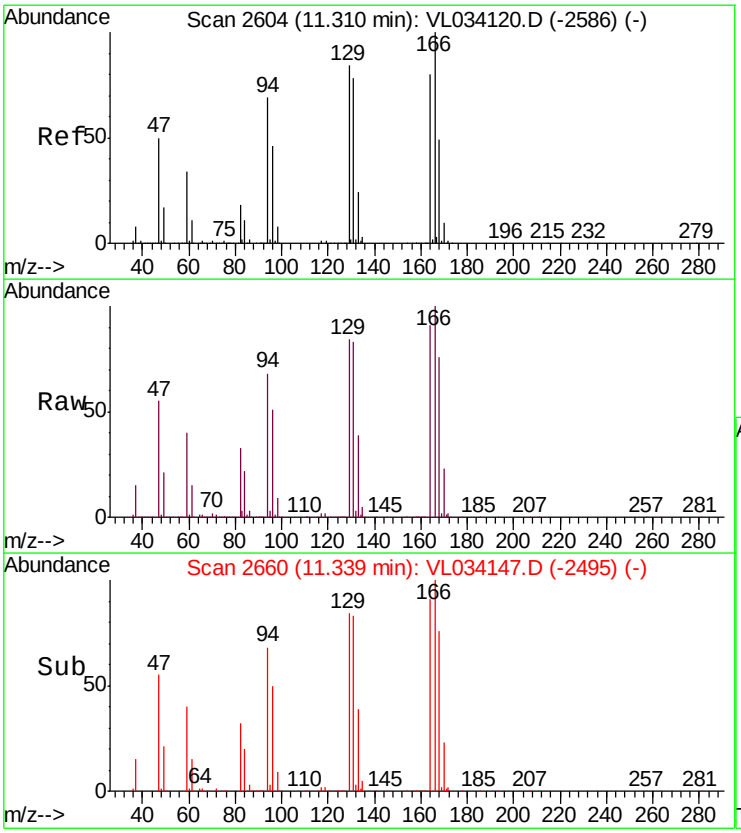
#51
2-Hexanone
Concen: 20.018 ppbv
RT: 10.21 min Scan# 2308
Delta R.T. 0.00 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Instrument :
MSVOA_L
ClientSampleId :
SV3

Tgt Ion: 43 Resp: 3497031

Ion	Ratio	Lower	Upper
43	100		
58	46.3	38.2	57.2
98	0.0	0.1	0.1#

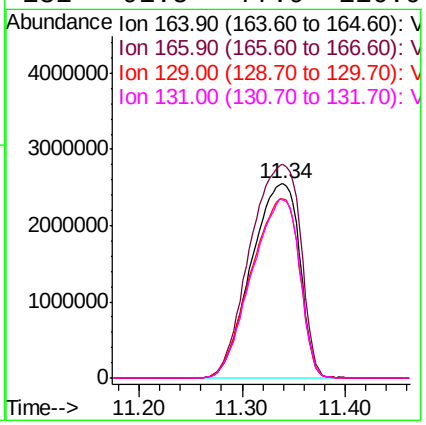


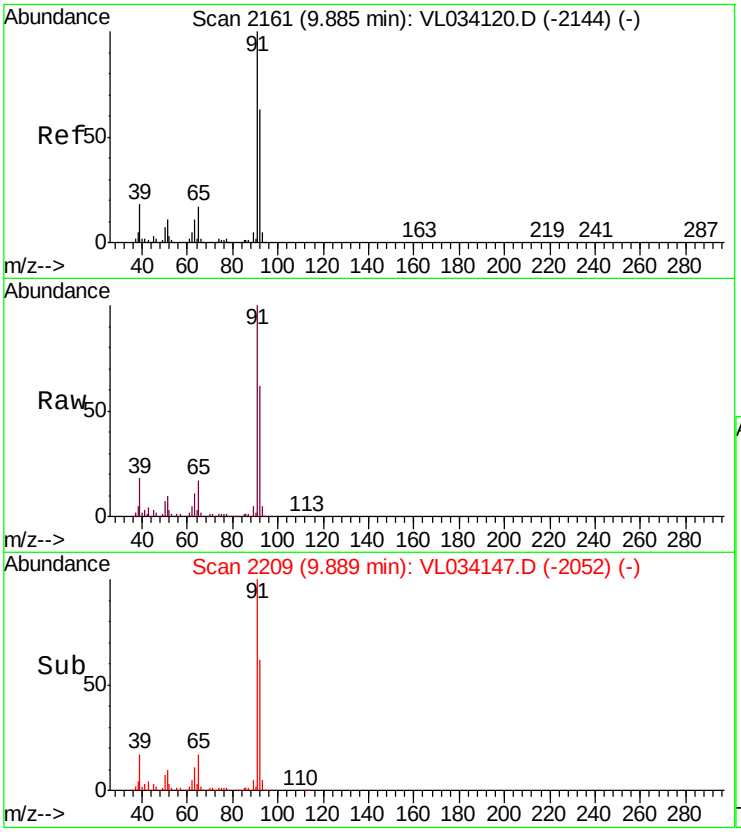


#52
Tetrachloroethene
Concen: 149.075 ppbv
RT: 11.34 min Scan# 2660
Delta R.T. 0.03 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Tgt Ion:164 Resp: 8282439

Ion	Ratio	Lower	Upper
164	100		
166	110.0	99.5	149.3
129	92.4	83.6	125.4
131	91.5	77.9	116.9



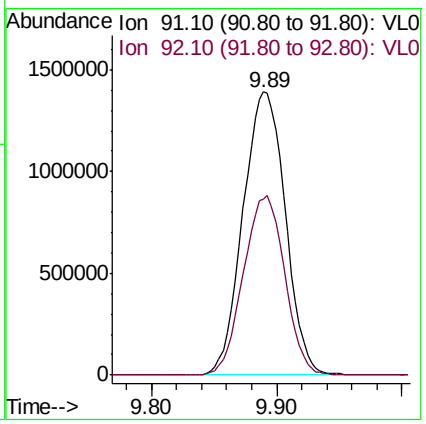


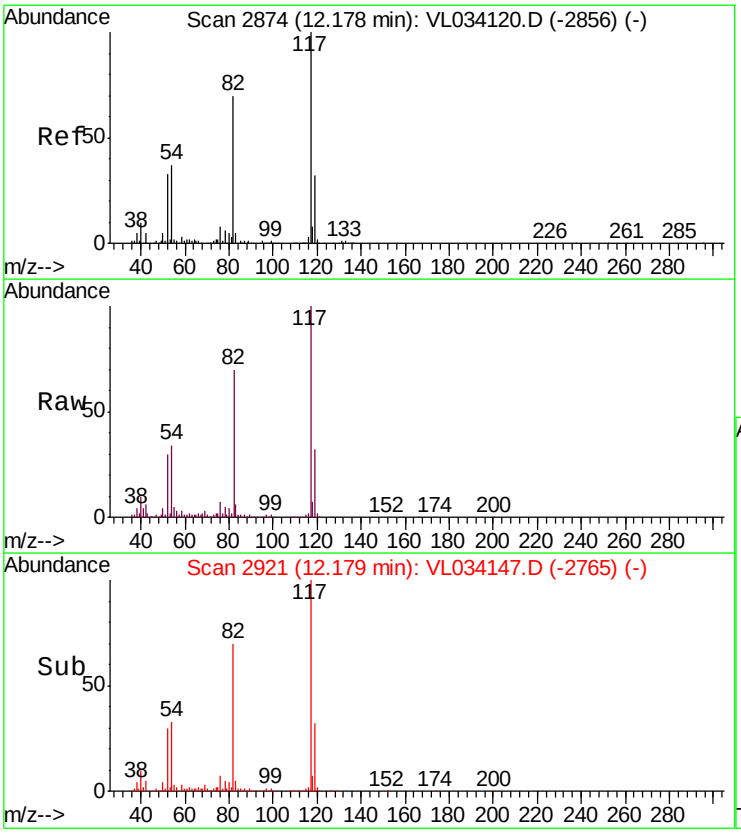
#53
Toluene
Concen: 18.713 ppbv
RT: 9.89 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Instrument : MSVOA_L
ClientSampleId : SV3

Tgt Ion: 91 Resp: 3261009

Ion	Ratio	Lower	Upper
91	100		
92	62.1	49.3	73.9

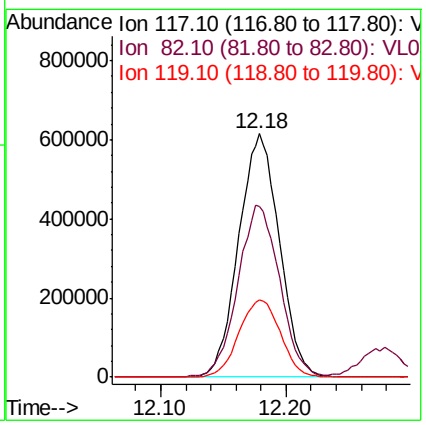


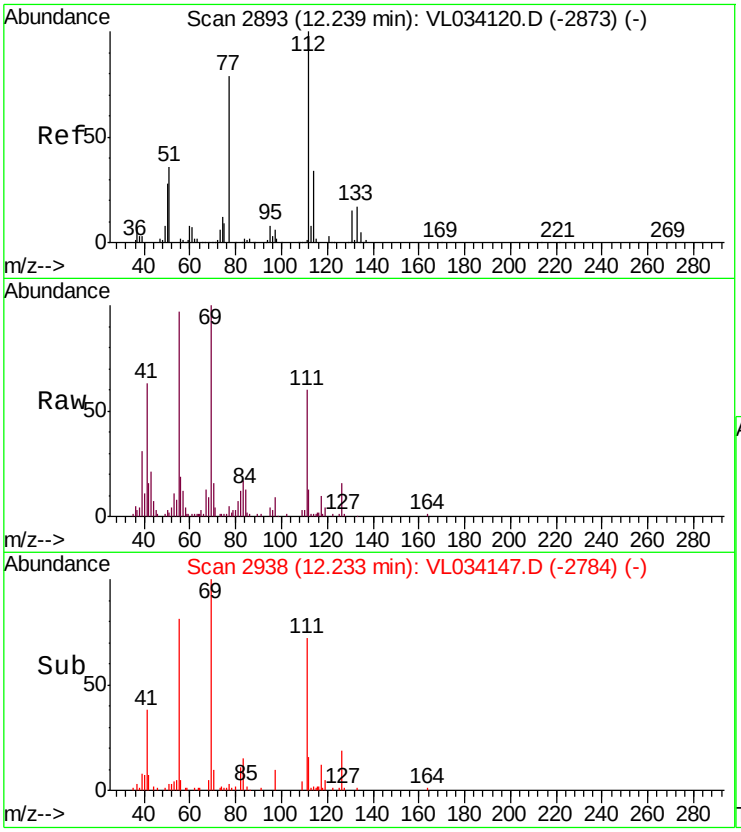


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.18 min Scan# 2921
Delta R.T. 0.00 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Tgt Ion:117 Resp: 1384706

Ion	Ratio	Lower	Upper
117	100		
82	72.1	55.8	83.6
119	32.5	43.1	64.7#



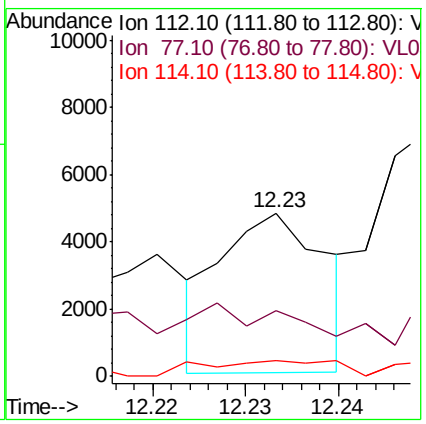


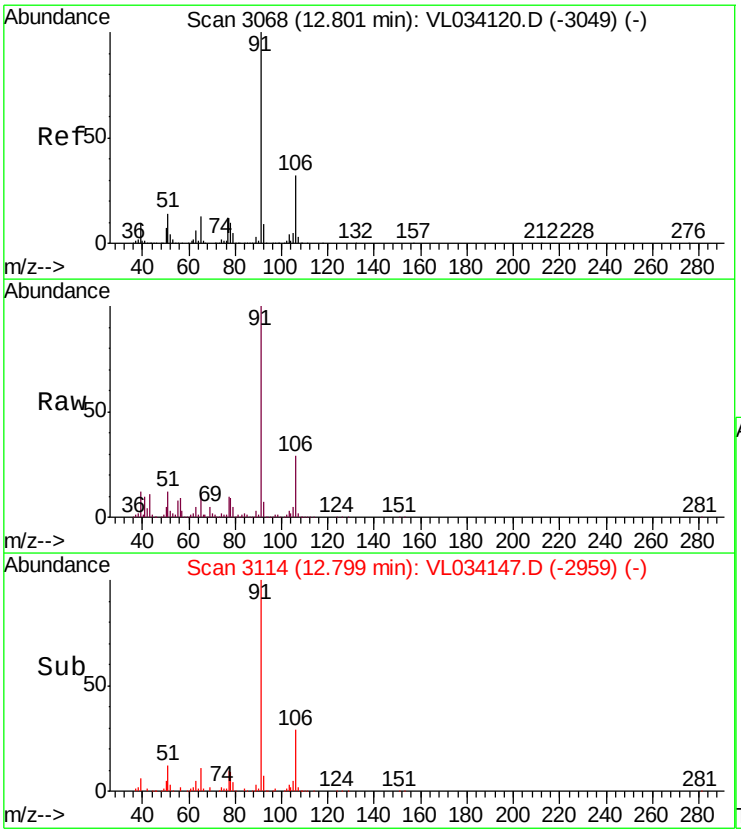
#57
Chlorobenzene
Concen: 0.031 ppbv
RT: 12.23 min Scan# 2938
Delta R.T. -0.01 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Instrument :
MSVOA_L
ClientSampleId :
SV3

Tgt Ion:112 Resp: 3742

Ion	Ratio	Lower	Upper
112	100		
77	12.8	64.4	96.6#
114	1.8	30.3	37.1#

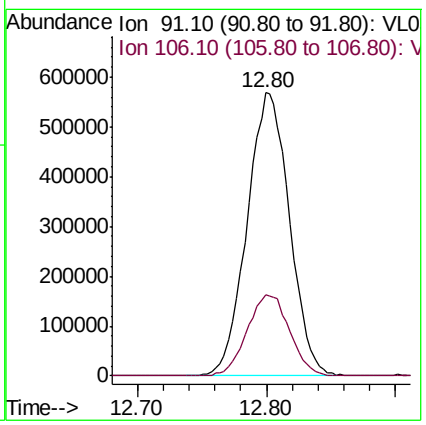


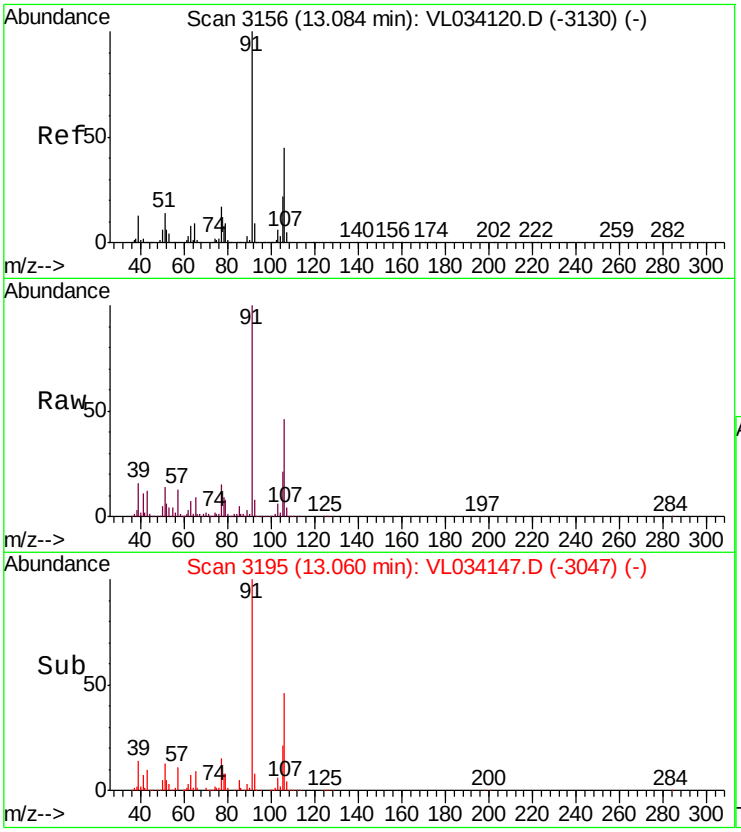


#58
Ethyl Benzene
Concen: 5.715 ppbv
RT: 12.80 min Scan# 3114
Delta R.T. -0.00 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Tgt Ion: 91 Resp: 1297563

Ion	Ratio	Lower	Upper
91	100		
106	28.7	25.3	37.9



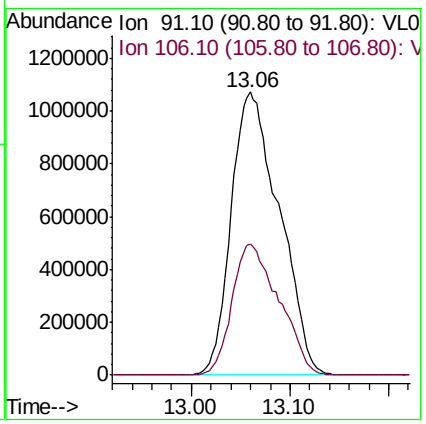


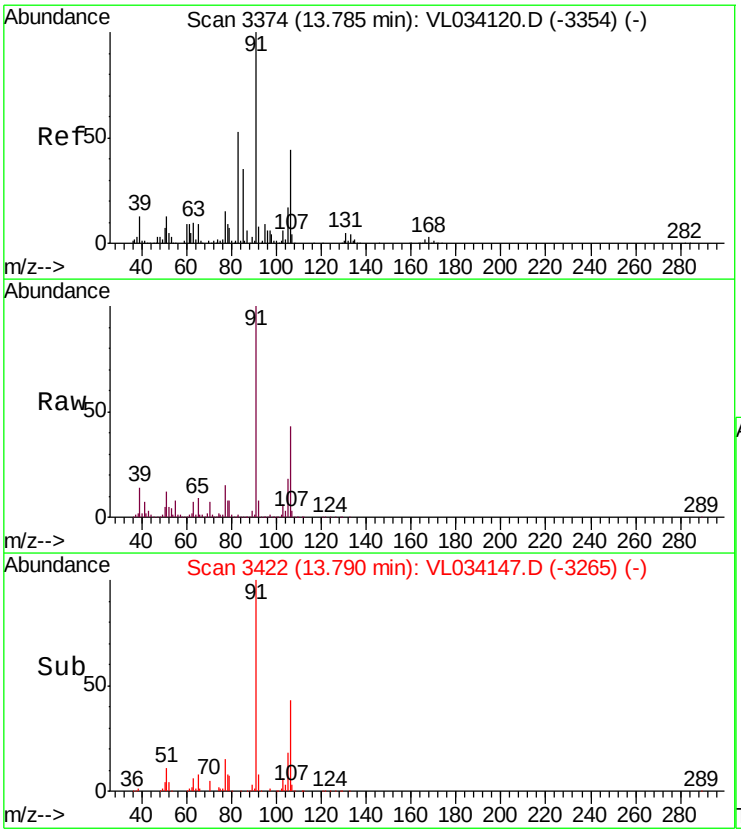
#59
m/p-Xylene
Concen: 19.514 ppbv
RT: 13.06 min Scan# 3195
Delta R.T. -0.02 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Instrument : MSVOA_L
ClientSampleId : SV3

Tgt Ion: 91 Resp: 3614500

Ion	Ratio	Lower	Upper
91	100		
106	45.5	35.4	53.2

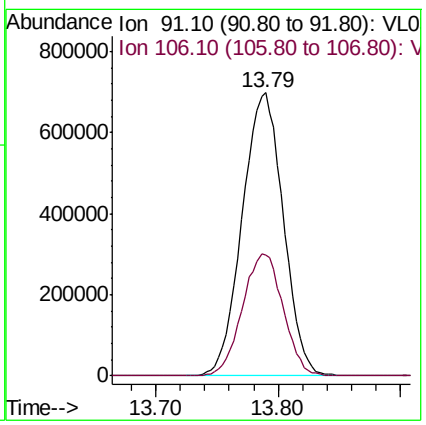


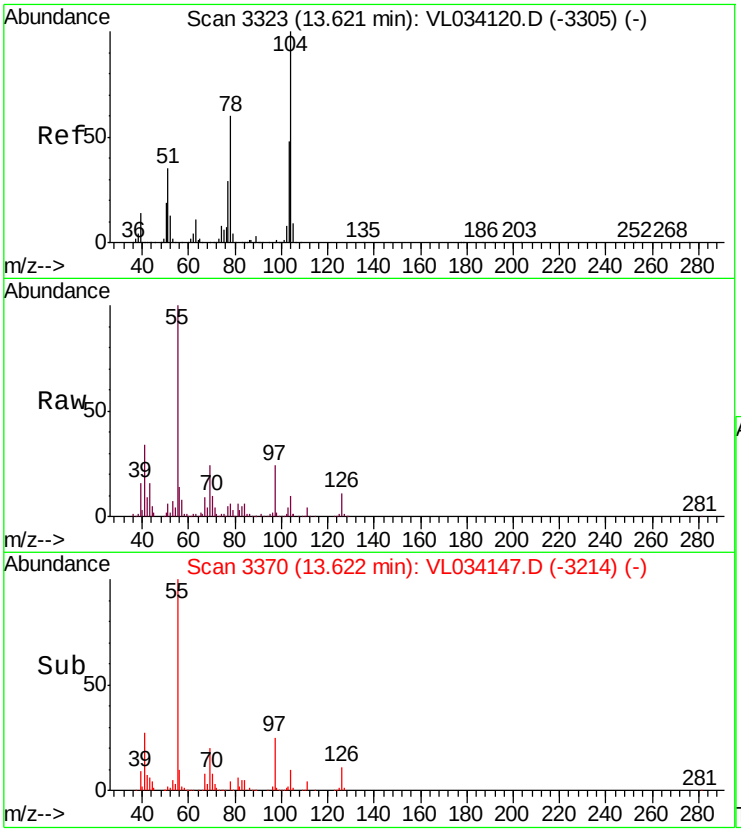


#60
o-Xylene
Concen: 8.765 ppbv
RT: 13.79 min Scan# 3422
Delta R.T. 0.00 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Tgt Ion: 91 Resp: 1617056

Ion	Ratio	Lower	Upper
91	100		
106	43.0	21.4	64.3



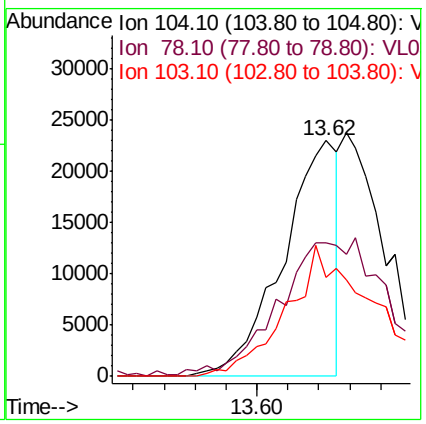


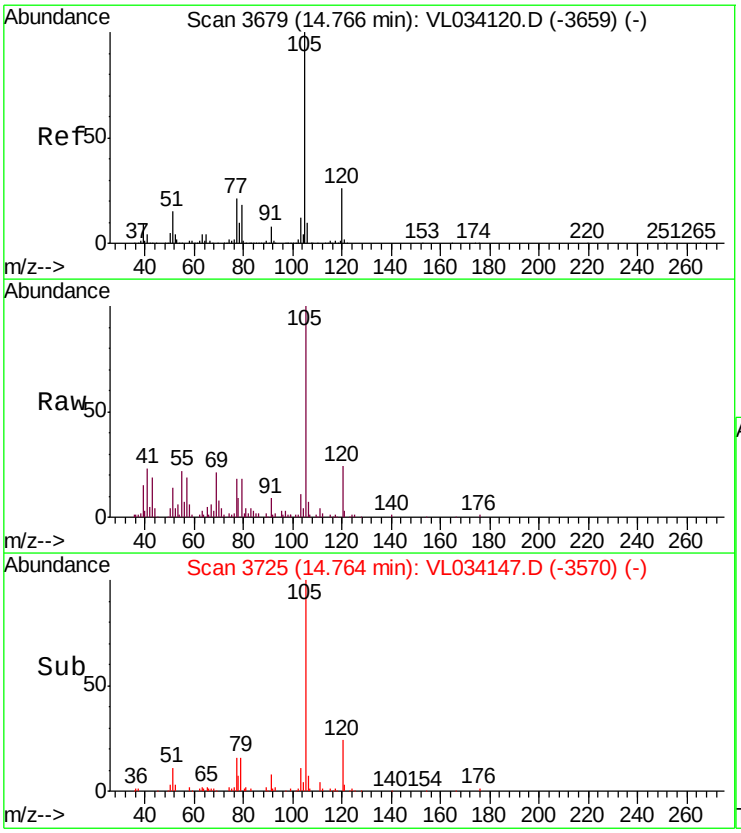
#61
Styrene
Concen: 0.205 ppbv
RT: 13.62 min Scan# 3370
Delta R.T. 0.00 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Instrument :
MSVOA_L
ClientSampleId :
SV3

Tgt Ion:104 Resp: 28268

Ion	Ratio	Lower	Upper
104	100		
78	0.0	47.8	71.6#
103	87.1	38.7	58.1#

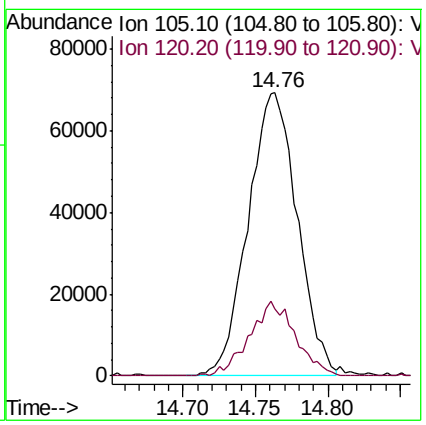


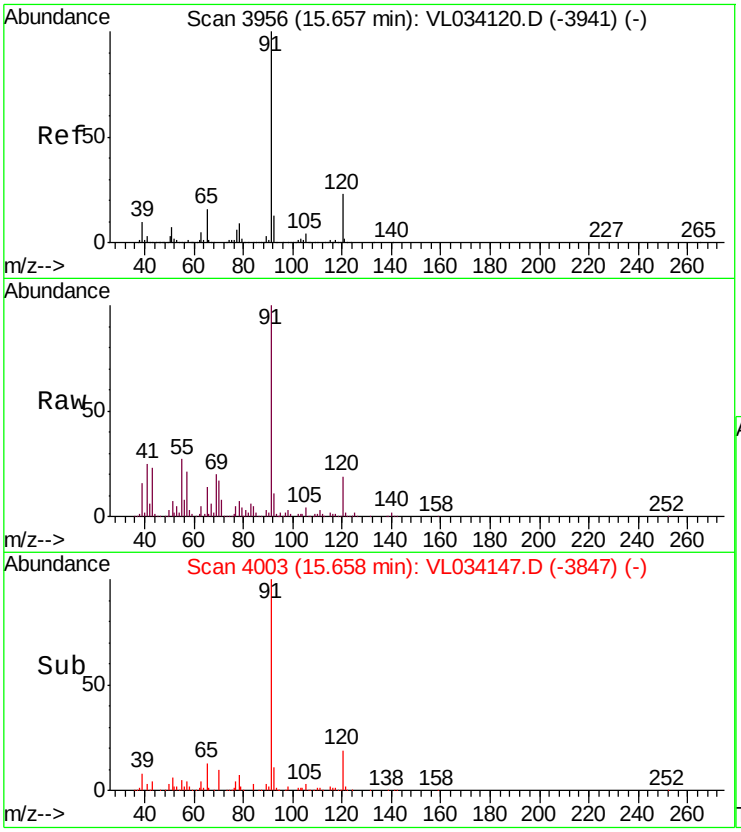


#62
Isopropylbenzene
Concen: 0.681 ppbv
RT: 14.76 min Scan# 3725
Delta R.T. -0.00 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Tgt Ion:105 Resp: 163464

Ion	Ratio	Lower	Upper
105	100		
120	24.6	20.6	31.0



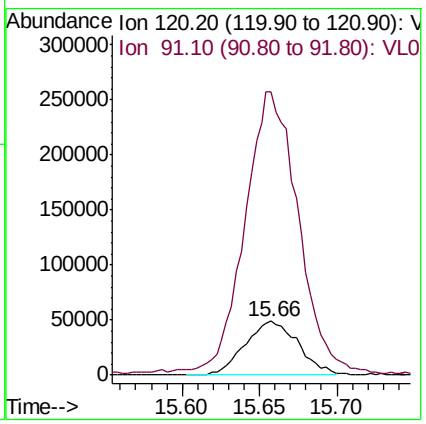


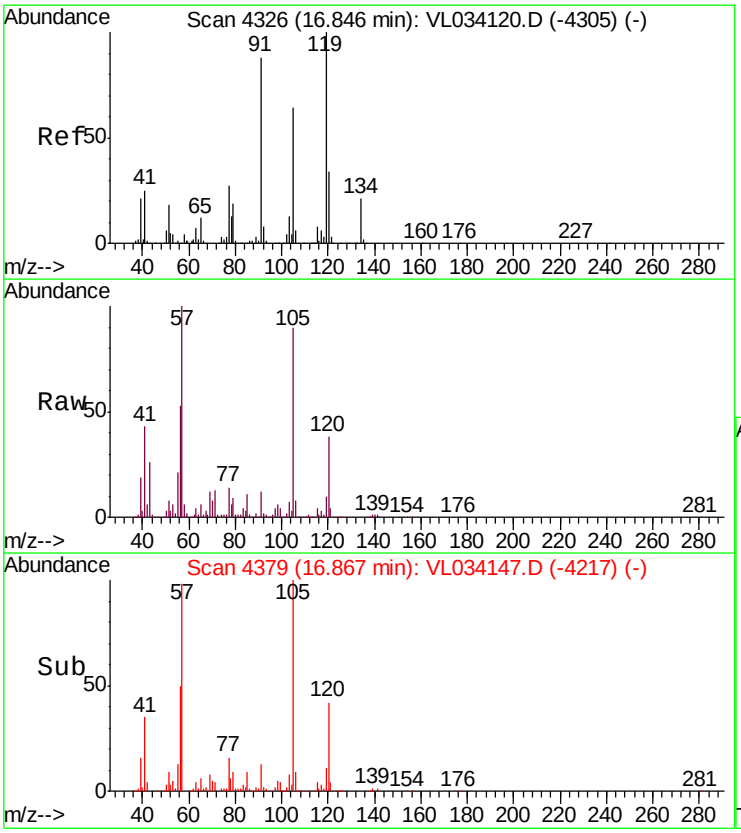
#64
n-propylbenzene
Concen: 1.944 ppbv
RT: 15.66 min Scan# 4003
Delta R.T. 0.00 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Instrument :
MSVOA_L
ClientSampleId :
SV3

Tgt Ion:120 Resp: 116921

Ion	Ratio	Lower	Upper
120	100		
91	531.7	376.8	565.2

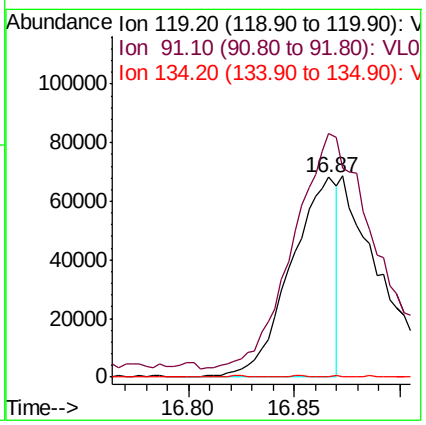


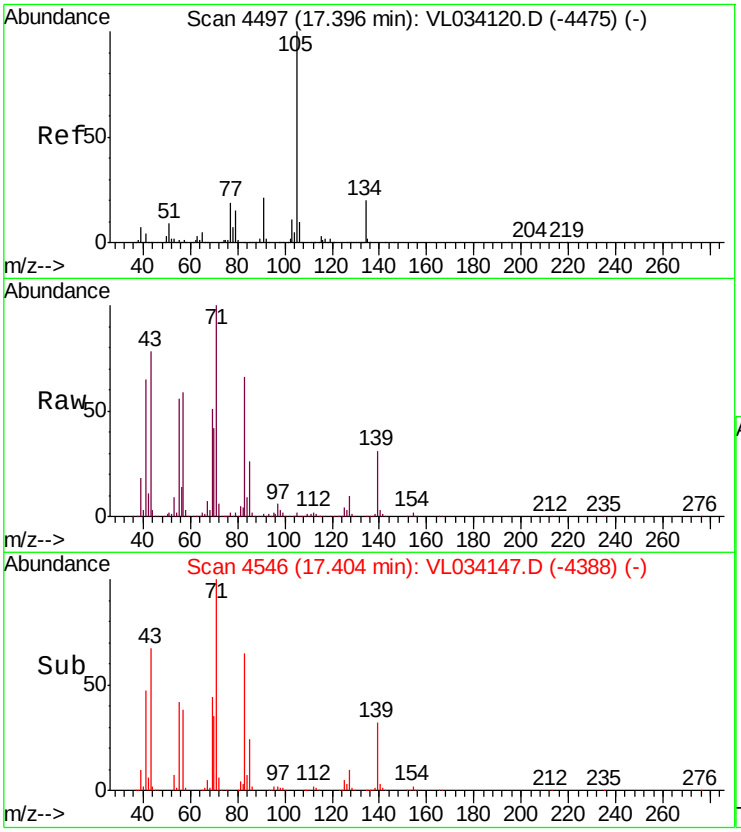


#65
tert-Butylbenzene
Concen: 0.499 ppbv
RT: 16.87 min Scan# 4379
Delta R.T. 0.02 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Tgt Ion:119 Resp: 103447

Ion	Ratio	Lower	Upper
119	100		
91	229.2	72.8	109.2#
134	0.3	15.8	23.8#



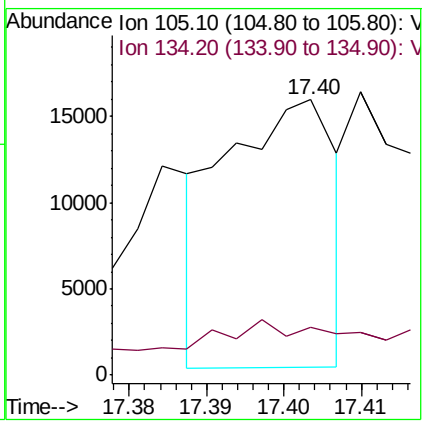


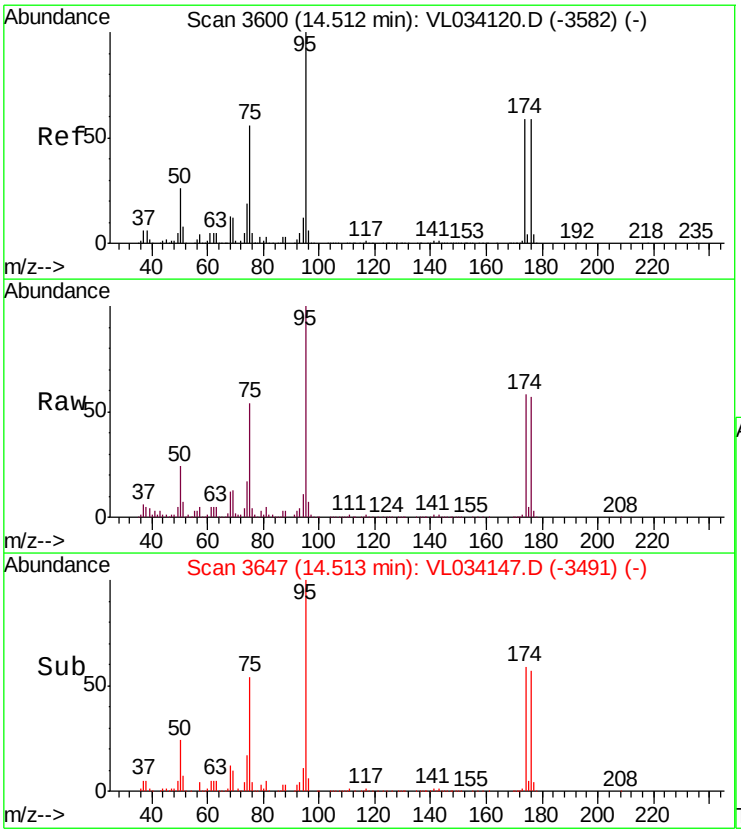
#67
sec-Butylbenzene
Concen: 0.052 ppbv
RT: 17.40 min Scan# 4546
Delta R.T. 0.01 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Instrument : MSVOA_L
ClientSampleId : SV3

Tgt Ion:105 Resp: 15469

Ion	Ratio	Lower	Upper
105	100		
134	57.3	15.0	22.4#

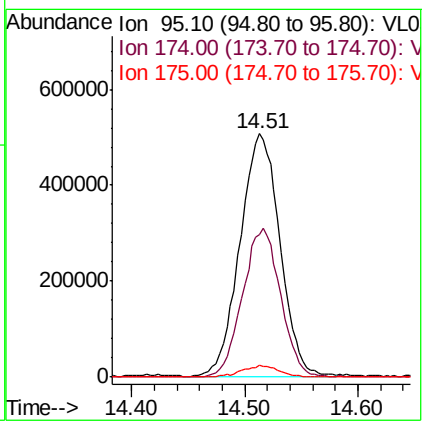


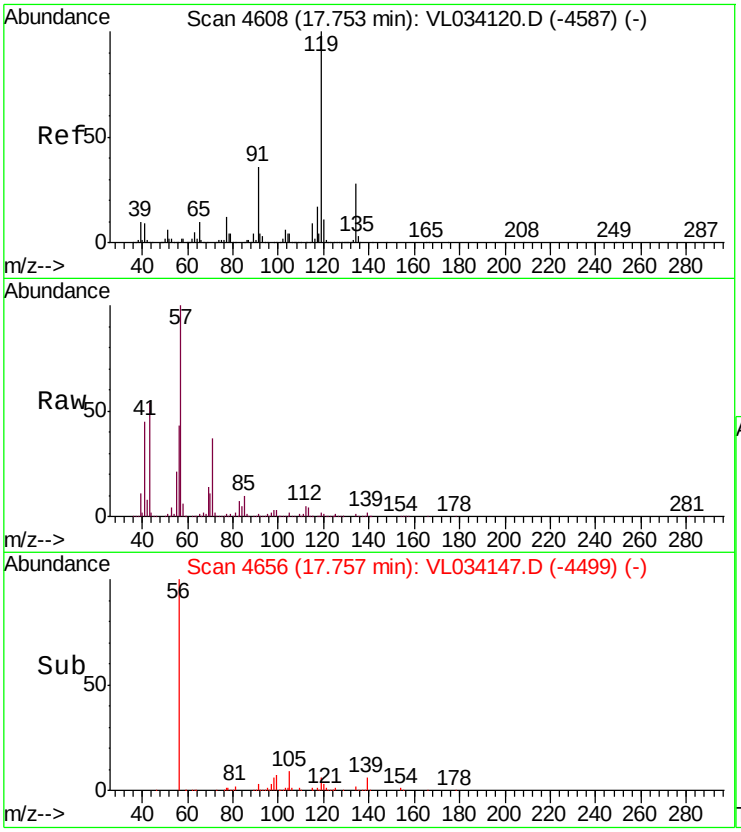


#68
1-Bromo-4-Fluorobenzene
Concen: 10.931 ppbv
RT: 14.51 min Scan# 3647
Delta R.T. 0.00 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Tgt Ion: 95 Resp: 1237436

Ion	Ratio	Lower	Upper
95	100		
174	58.4	48.1	72.1
175	4.4	3.5	5.3



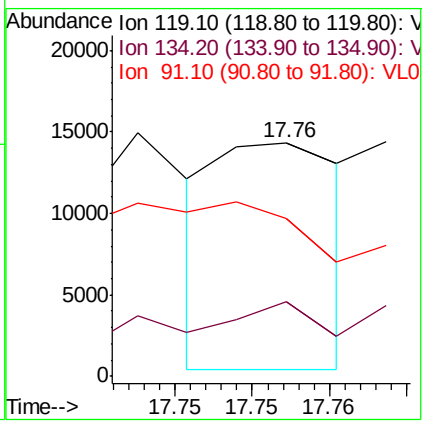


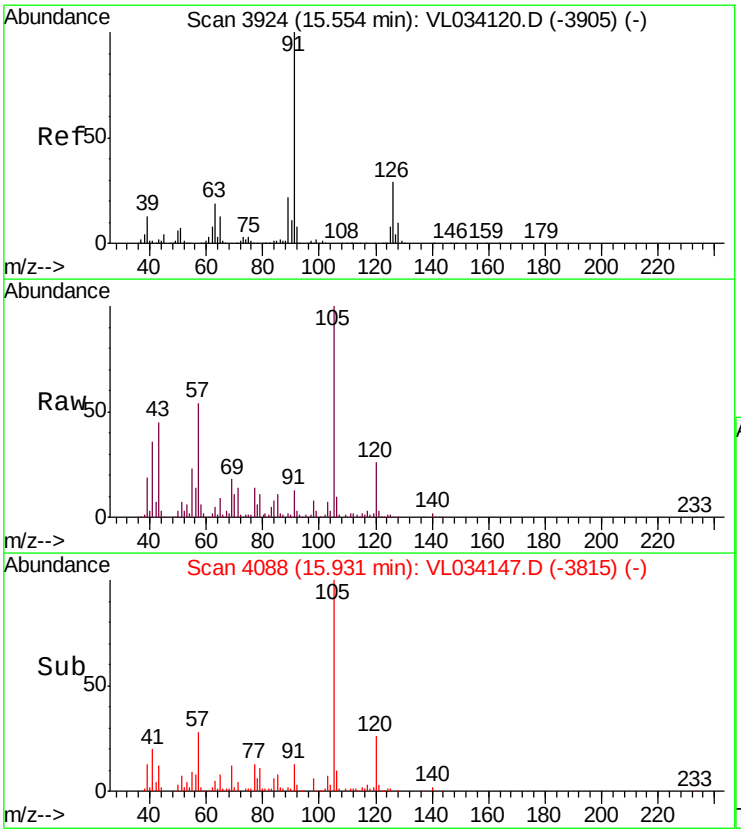
#69
p-Isopropyltoluene
Concen: 0.033 ppbv
RT: 17.76 min Scan# 4656
Delta R.T. 0.00 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Instrument : MSVOA_L
ClientSampleId : SV3

Tgt Ion:119 Resp: 7783

Ion	Ratio	Lower	Upper
119	100		
134	160.3	20.8	31.2#
91	0.0	27.2	40.8#

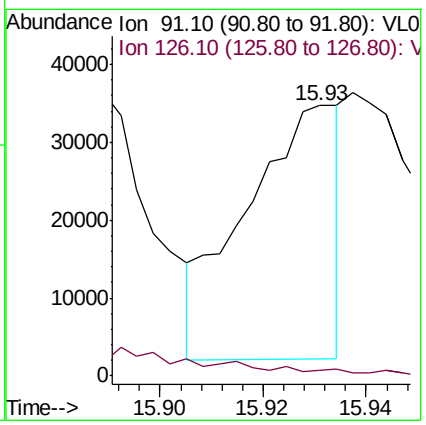


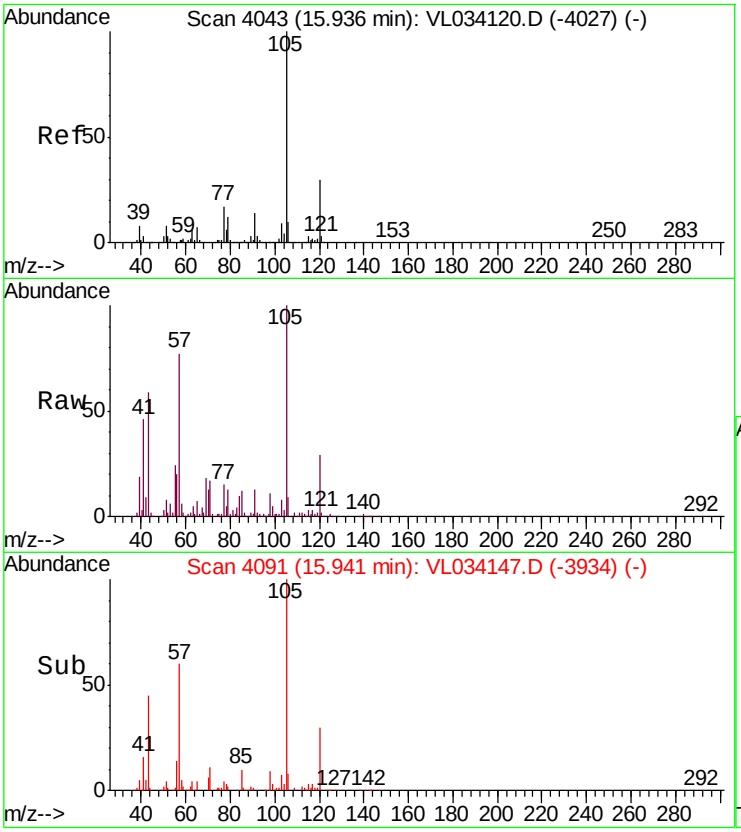


#71
2-Chlorotoluene
Concen: 0.209 ppbv
RT: 15.93 min Scan# 4088
Delta R.T. 0.38 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Tgt Ion: 91 Resp: 41076

Ion	Ratio	Lower	Upper
91	100		
126	13.5	11.4	45.4



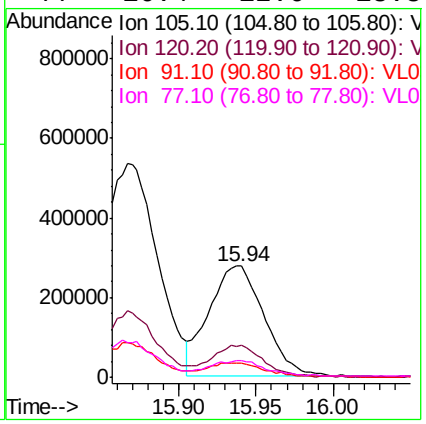


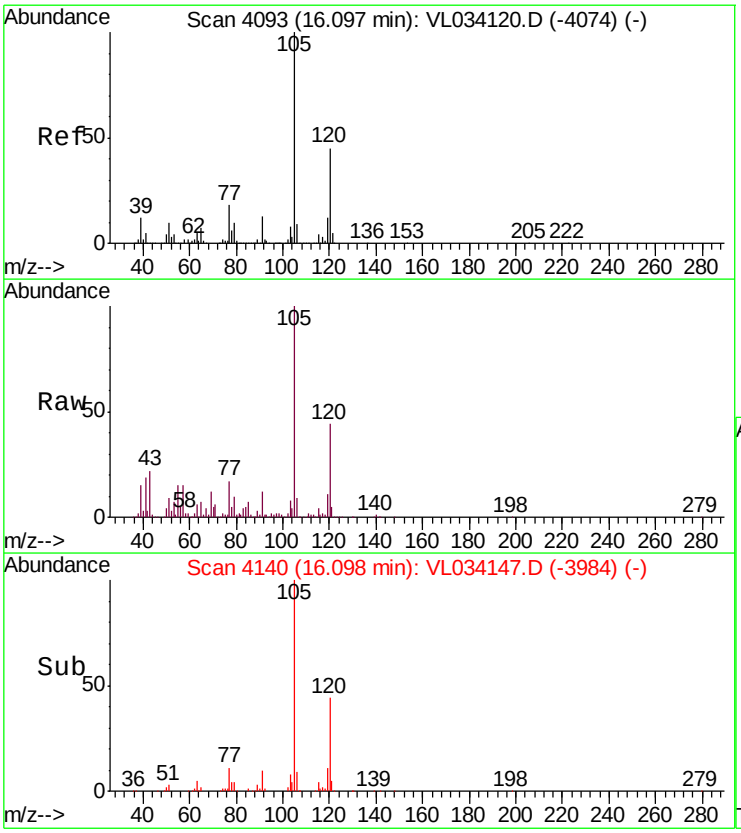
#72
4-Ethyltoluene
Concen: 3.280 ppbv
RT: 15.94 min Scan# 4091
Delta R.T. 0.00 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Instrument : MSVOA_L
ClientSampleId : SV3

Tgt Ion:105 Resp: 682813

Ion	Ratio	Lower	Upper
105	100		
120	27.4	23.8	35.6
91	12.9	11.4	17.0
77	16.4	12.6	18.8

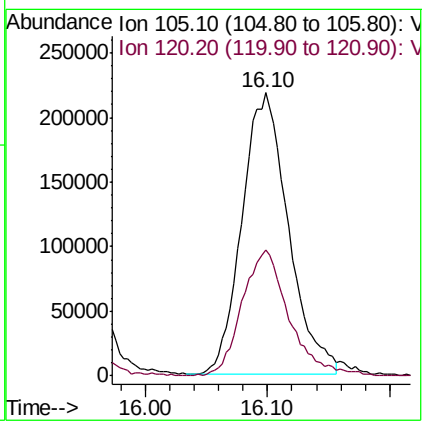


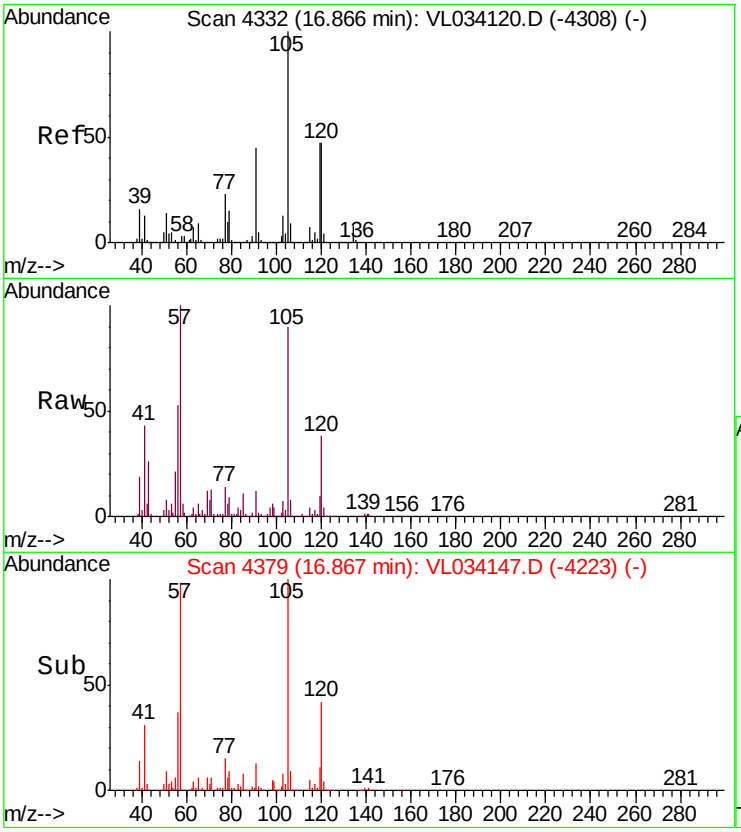


#73
1,3,5-Trimethylbenzene
Concen: 2.838 ppbv
RT: 16.10 min Scan# 4140
Delta R.T. 0.00 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Tgt Ion:105 Resp: 574060

Ion	Ratio	Lower	Upper
105	100		
120	44.3	35.8	53.8



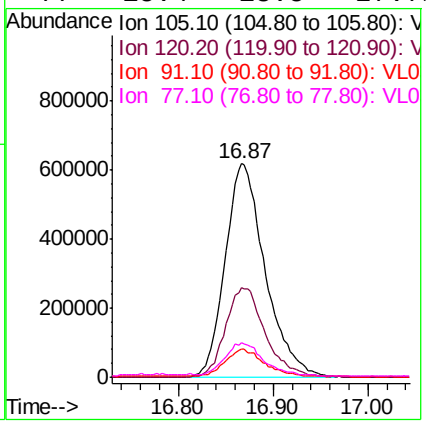


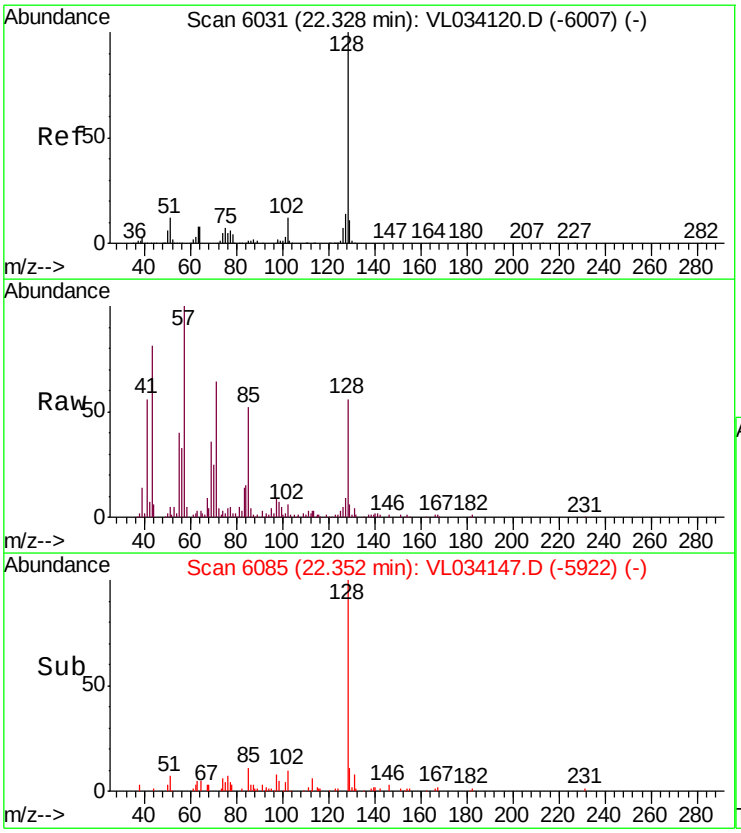
#74
1,2,4-Trimethylbenzene
Concen: 8.702 ppbv
RT: 16.87 min Scan# 4379
Delta R.T. 0.00 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Instrument :
MSVOA_L
ClientSampleId :
SV3

Tgt Ion:105 Resp: 1812850

Ion	Ratio	Lower	Upper
105	100		
120	41.9	37.7	56.5
91	13.1	36.2	54.2#
77	15.4	18.5	27.7#





#79
Naphthalene
Concen: 0.230 ppbv
RT: 22.35 min Scan# 6085
Delta R.T. 0.02 min
Lab File: VL034147.D
Acq: 10 Sep 2019 17:53

Tgt Ion:128 Resp: 43268

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.9	16.3
129	10.9	8.5	12.7