Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052819\

Quantitation Report (Not Reviewed)

Data File : VL033831.D
Acq On : 29 May 2019 10:09
Operator : SY/AP
Sample : K2960-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BPS1-DUP02

Quant Time: May 30 01:07:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri May 17 08:15:41 2019
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.76	49	773227	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.29	114	1899128	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.23	117	2074596	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.57	95	1712029	10.18	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.07	85	31488	0.193	ppbv		96
3) Chlorodifluoromethane	3.01	51	29784	0.336	ppbv		97
4) Chloromethane	3.16	50	25064	0.495	ppbv		94
5) Vinyl Chloride	3.28	62	530	0.010	ppbv	#	42
7) Chloroethane	3.60	64	387	0.021	ppbv	#	41
8) Dichlorotetrafluoroethane	3.21	85	2197	0.017	ppbv		98
9) Propene	3.03	41	2626061	69.708	ppbv		92
10) Heptane	8.24	43	254599	2.387	ppbv		99
11) Trichlorofluoromethane	4.00	101	849786	5.464	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.28	101	2242	0.021	ppbv		91
13) Ethanol	3.65	45	290042	23.820	ppbv		98
15) Acetone	3.89	43	12513324	116.640	ppbv	#	82
16) 1,3-Butadiene	3.34	39	1820985	42.624	ppbv	#	24
17) tert-Butyl alcohol	4.36	59	155457	1.792	ppbv	#	93
19) Isopropyl Alcohol	4.02	45	87637	1.267	ppbv	#	94
20) Methylene Chloride	4.41	84	58510	1.417	ppbv		97
21) Allyl Chloride	4.46	41	43416	0.649	ppbv	#	1
23) Vinyl Acetate	5.14	43	154145	1.090	ppbv	#	49
24) 1,1-Dichloroethane	5.13	63	5046	0.047	ppbv	#	90
25) Ethyl Acetate	5.77	43	245901	1.305	ppbv	#	82
26) Hexane	5.78	57	319729	3.946	ppbv	#	38
27) Carbon Disulfide	4.62	76	292534	2.632	ppbv		97
29) Chloroform	5.85	83	5268	0.035	ppbv		93
30) Cyclohexane	7.24	84	30675	0.450	ppbv	#	57
32) 1,1,1-Trichloroethane	6.62	97	2249	0.015	ppbv	#	5
34) 2-Butanone	5.32	43	1426981	12.122	ppbv		100
35) Carbon Tetrachloride	7.13	117	2110	0.014	ppbv	#	62
36) Benzene	7.00	78	362094	2.096	ppbv		98
37) 1,2-Dichloroethane	6.40	62	2052	0.018	ppbv	#	83
38) Trichloroethene	7.95	130	12067	0.188	ppbv	#	73
39) 1,2-Dichloropropane	7.29	63	484015	7.515	ppbv	#	22
41) Tetrahydrofuran	6.13	42	2577	0.039	ppbv	#	36
42) Bromodichloromethane	7.91	83	5953	0.039	ppbv	#	23
44) 2,2,4-Trimethylpentane	7.99	57	77640	0.266	ppbv	#	55
50) 4-Methyl-2-Pentanone	8.87	43	81335	0.449	ppbv		99
51) 2-Hexanone	10.26	43	151870	1.075	ppbv	#	91
52) Tetrachloroethene	11.36	164	6831	0.112	ppbv	#	61
53) Toluene	9.94	91	2055907	11.034	ppbv		100
58) Ethyl Benzene	12.86	91	465338	1.694	ppbv		98
59) m/p-Xylene	13.11	91	1591000	6.625	ppbv		98
60) o-Xylene	13.84	91	540533	2.233	ppbv		99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052819\

Quantitation Report (Not Reviewed)

Data File : VL033831.D
Acq On : 29 May 2019 10:09
Operator : SY/AP
Sample : K2960-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BPS1-DUP02

Quant Time: May 30 01:07:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri May 17 08:15:41 2019
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
61) Styrene	13.67	104	6961	0.043	ppbv	#	10
62) Isopropylbenzene	14.82	105	17592	0.054	ppbv	#	60
64) n-propylbenzene	15.72	120	4027	0.048	ppbv	#	1
65) tert-Butylbenzene	16.92	119	82068	0.276	ppbv	#	64
67) sec-Butylbenzene	17.45	105	7547	0.018	ppbv	#	51
69) p-Isopropyltoluene	17.81	119	7579	0.022	ppbv	#	48
70) n-Butylbenzene	18.71	91	26020	0.070	ppbv	#	33
71) 2-Chlorotoluene	15.97	91	5061	0.021	ppbv		75
72) 4-Ethyltoluene	15.99	105	214738	0.776	ppbv	#	97
73) 1,3,5-Trimethylbenzene	16.15	105	172081	0.637	ppbv		94
74) 1,2,4-Trimethylbenzene	16.92	105	747241	2.542	ppbv	#	76
75) 1,3-Dichlorobenzene	17.16	146	78087	0.434	ppbv	#	76
79) Naphthalene	22.40	128	91898	0.337	ppbv		96
80) Naphthalene,2-methyl-	25.10	142	27308	0.263	ppbv		96

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

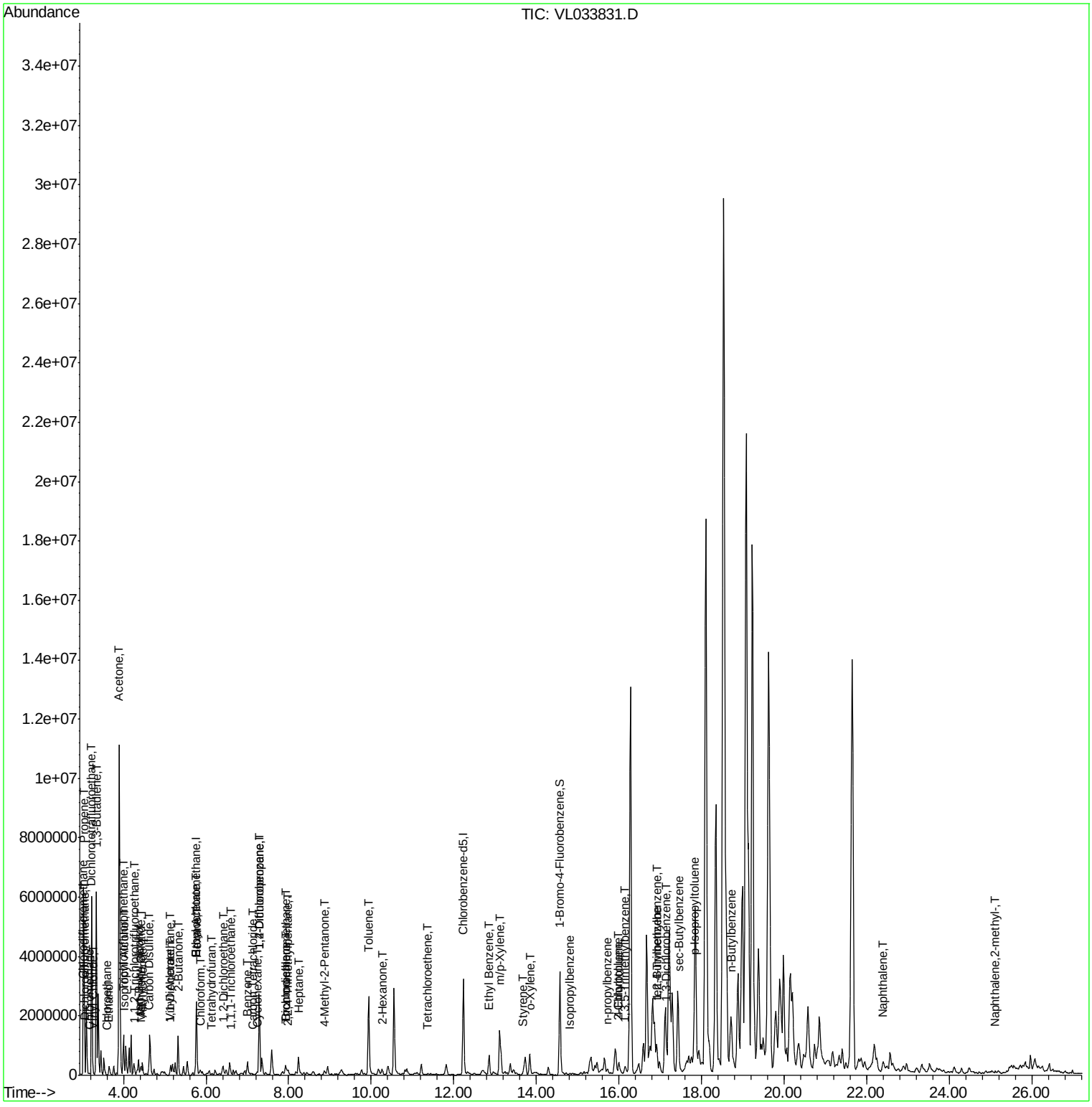
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052819\

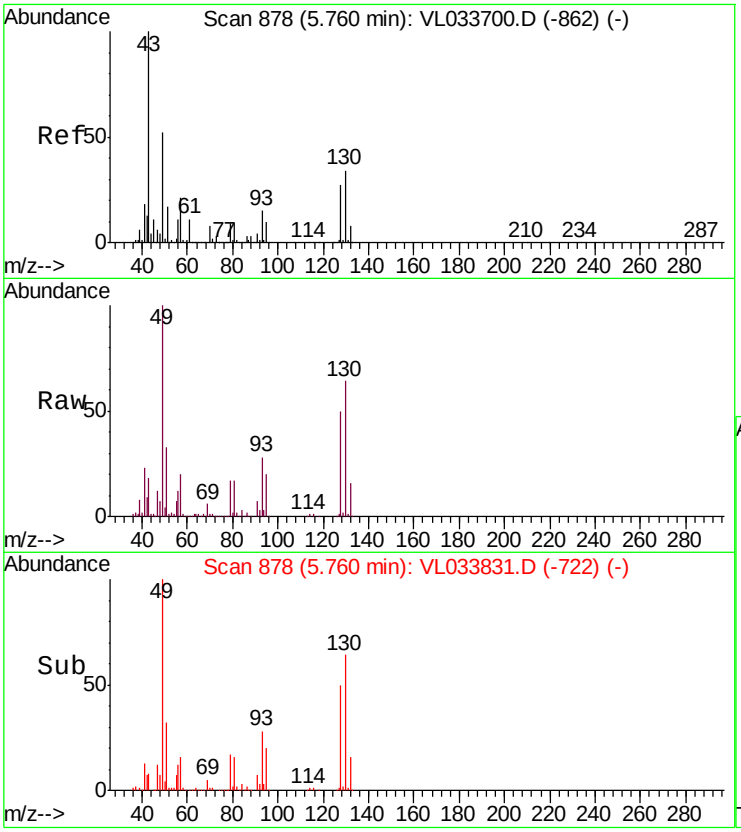
Quantitation Report (Not Reviewed)

Data File : VL033831.D
Acq On : 29 May 2019 10:09
Operator : SY/AP
Sample : K2960-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BPS1-DUP02

Quant Time: May 30 01:07:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri May 17 08:15:41 2019
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration



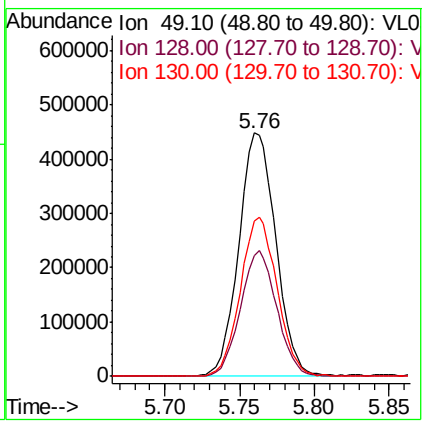


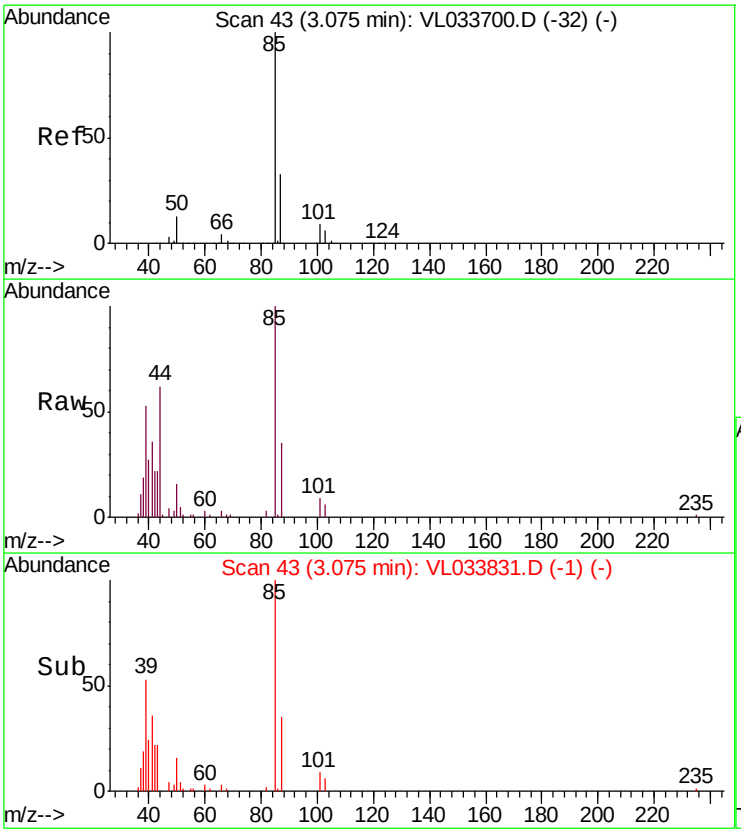
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 878
Delta R.T. 0.00 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Instrument :
MSVOA_L
ClientSampleId :
BPS1-DUP02

Tgt Ion: 49 Resp: 773227

Ion	Ratio	Lower	Upper
49	100		
128	50.8	25.2	75.6
130	65.1	32.5	97.5

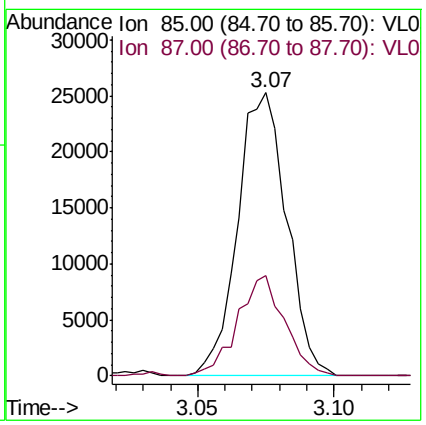


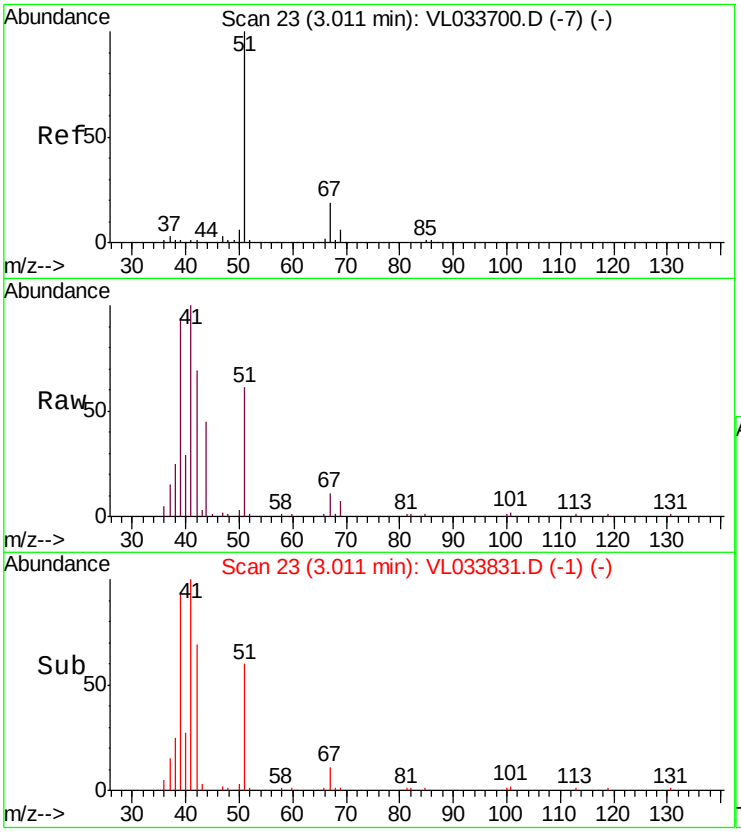


#2
Dichlorodifluoromethane
Concen: 0.193 ppbv
RT: 3.07 min Scan# 43
Delta R.T. 0.00 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Tgt Ion: 85 Resp: 31488

Ion	Ratio	Lower	Upper
85	100		
87	35.3	26.3	39.5



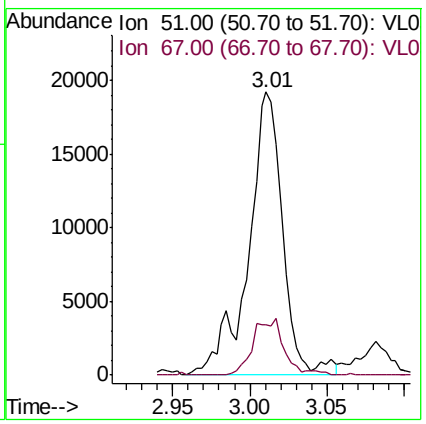


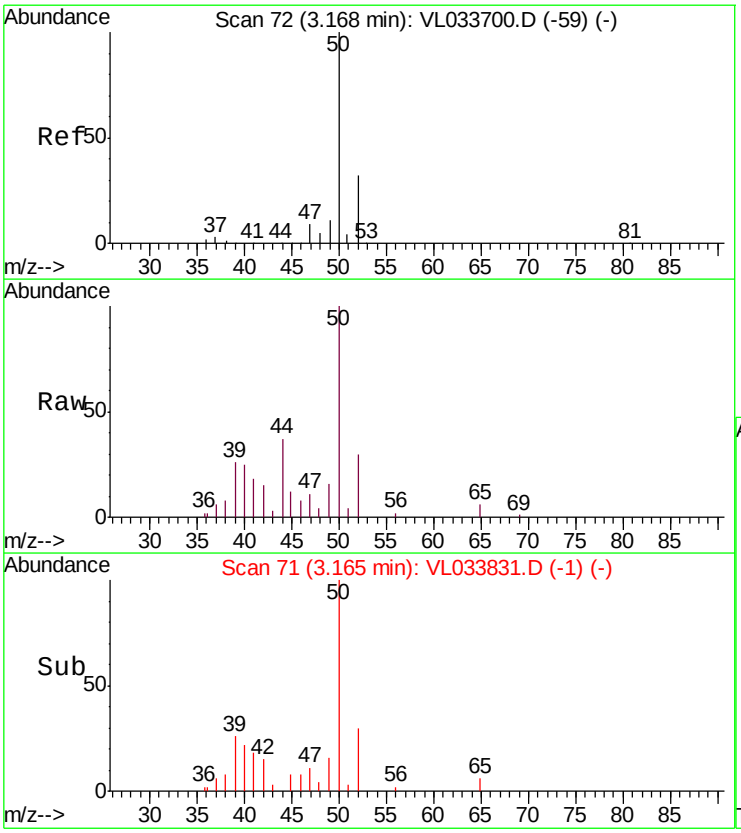
#3
Chlorodifluoromethane
Concen: 0.336 ppbv
RT: 3.01 min Scan# 23
Delta R.T. 0.00 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Instrument :
MSVOA_L
ClientSampleId :
BPS1-DUP02

Tgt Ion: 51 Resp: 29784

Ion	Ratio	Lower	Upper
51	100		
67	18.1	15.6	23.4

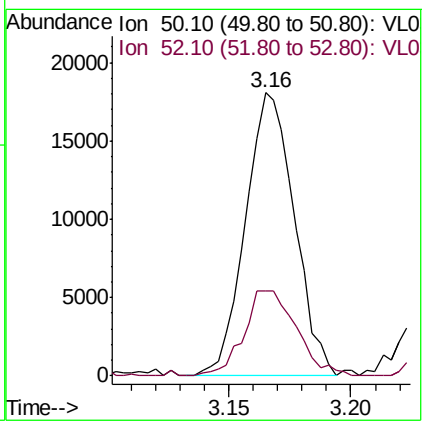


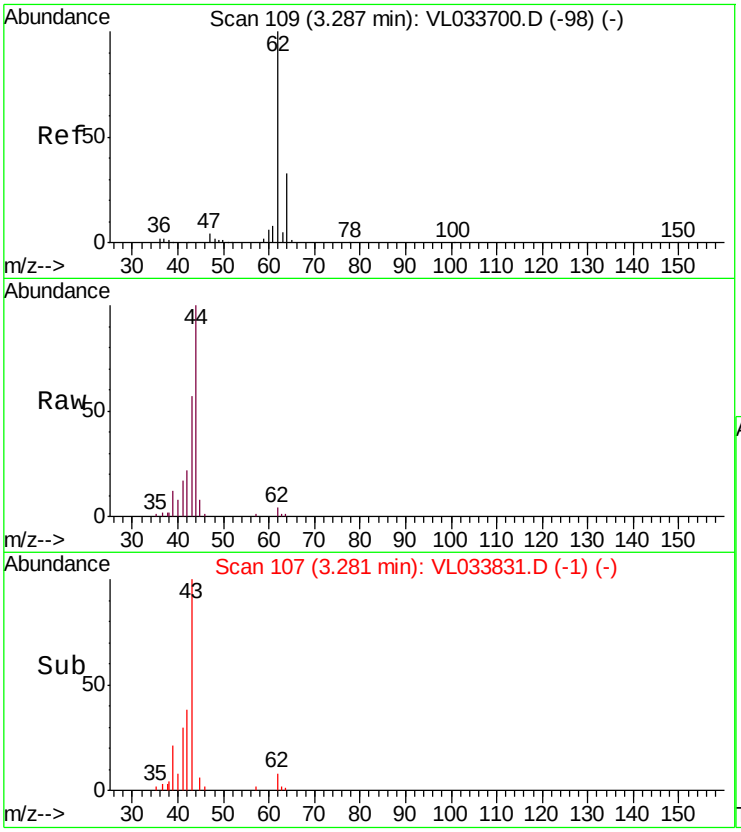


#4
Chloromethane
Concen: 0.495 ppbv
RT: 3.16 min Scan# 71
Delta R.T. -0.00 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Tgt Ion: 50 Resp: 25064

Ion	Ratio	Lower	Upper
50	100		
52	28.9	25.7	38.5



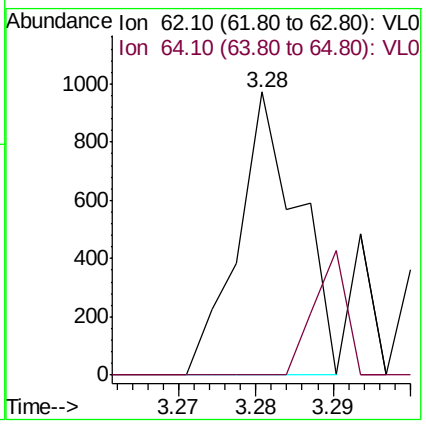


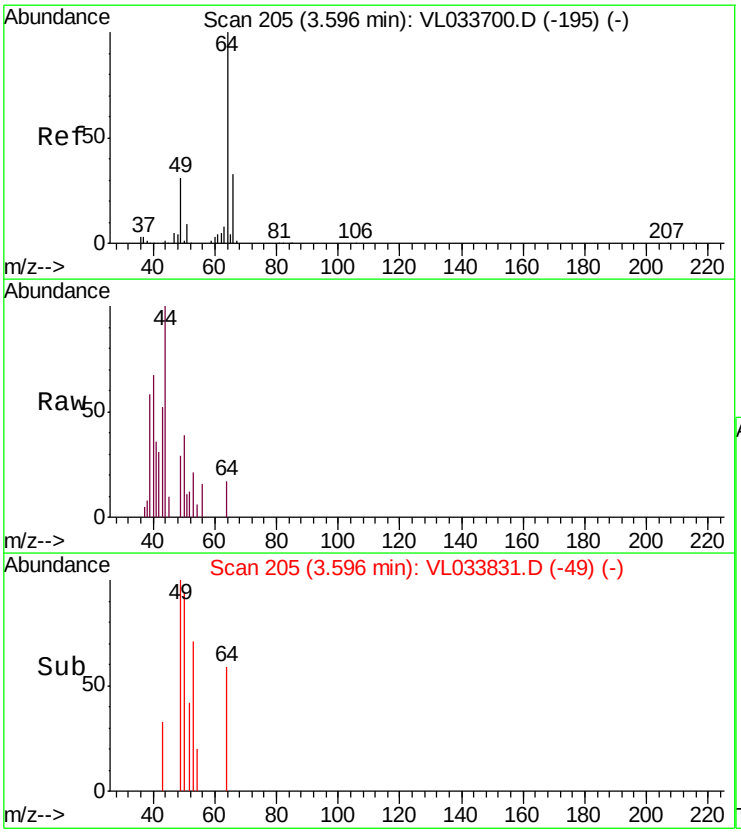
#5
Vinyl Chloride
Concen: 0.010 ppbv
RT: 3.28 min Scan# 107
Delta R.T. -0.01 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Instrument :
MSVOA_L
ClientSampleId :
BPS1-DUP02

Tgt Ion: 62 Resp: 530

Ion	Ratio	Lower	Upper
62	100		
64	0.0	26.4	39.6#

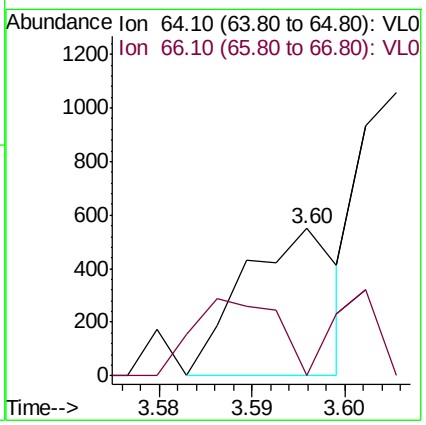


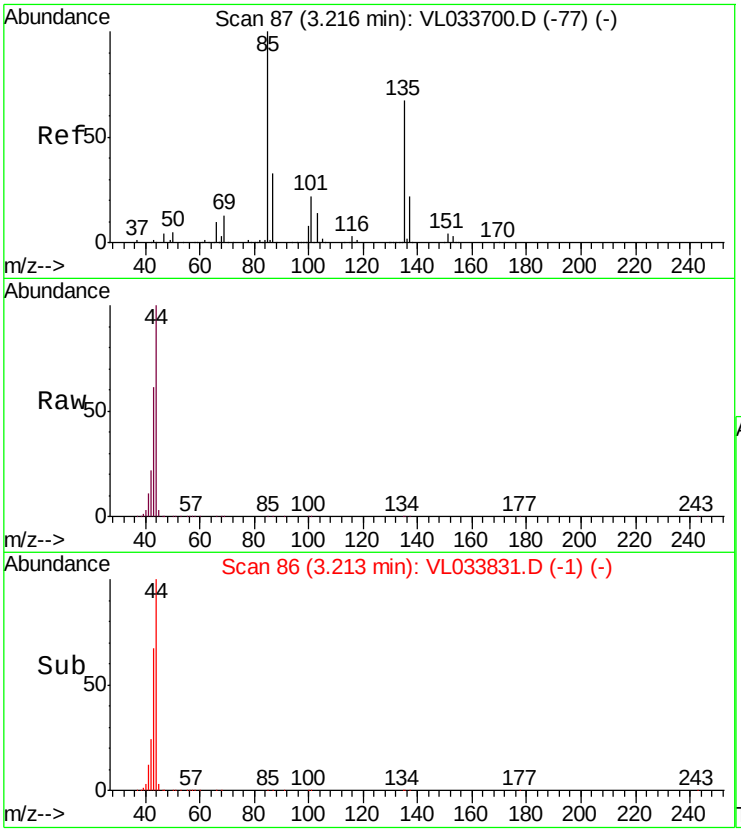


#7
Chloroethane
Concen: 0.021 ppbv
RT: 3.60 min Scan# 205
Delta R.T. 0.00 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Tgt Ion: 64 Resp: 387

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.6	40.0#



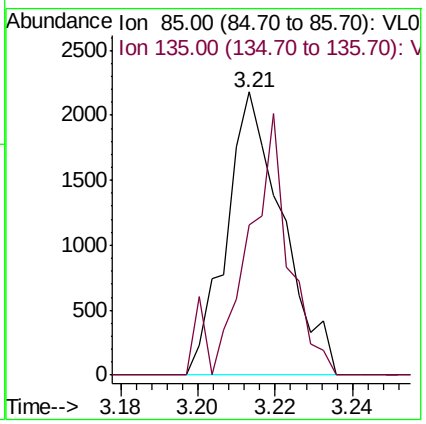


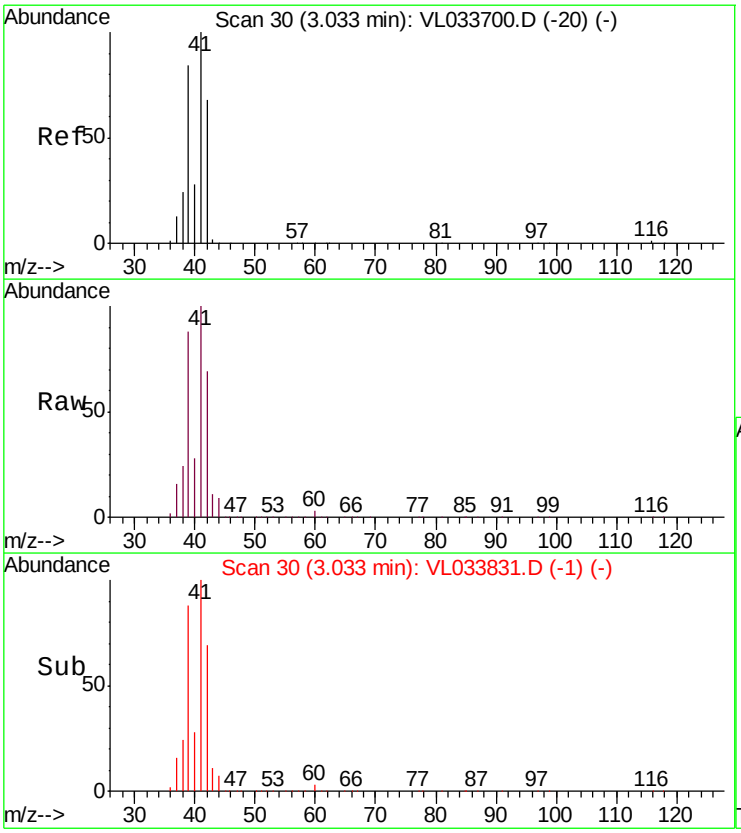
#8
Dichlorotetrafluoroethane
Concen: 0.017 ppbv
RT: 3.21 min Scan# 86
Delta R.T. -0.00 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Instrument :
MSVOA_L
ClientSampleId :
BPS1-DUP02

Tgt Ion: 85 Resp: 2197

Ion	Ratio	Lower	Upper
85	100		
135	69.5	54.5	81.7

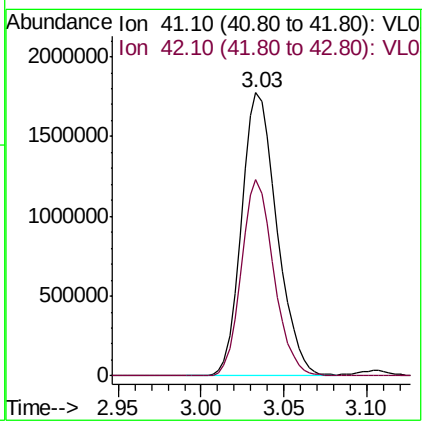


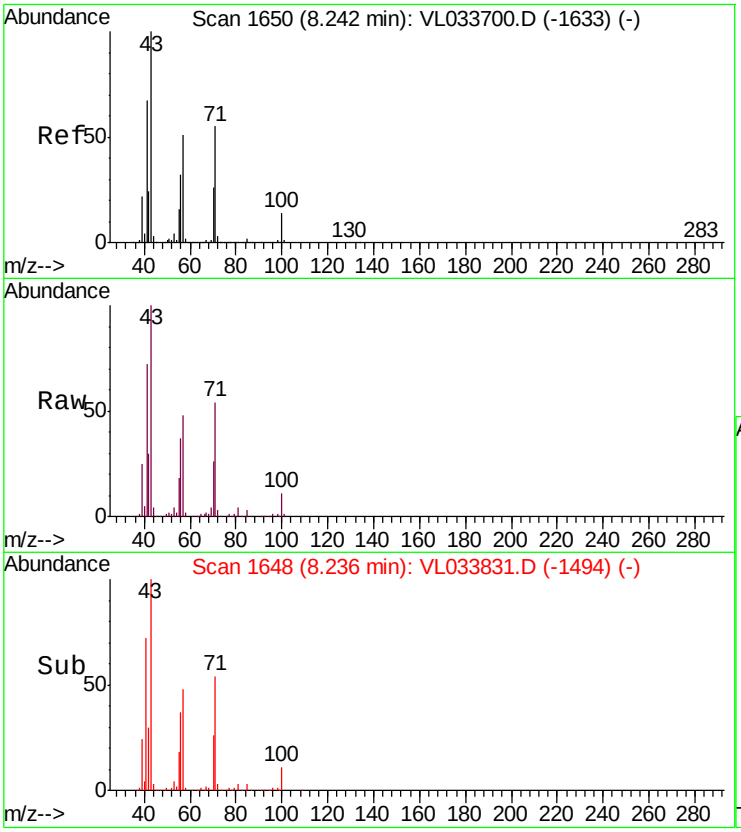


#9
Propene
Concen: 69.708 ppbv
RT: 3.03 min Scan# 30
Delta R.T. 0.00 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Tgt Ion: 41 Resp: 2626061

Ion	Ratio	Lower	Upper
41	100		
42	63.8	56.1	84.1



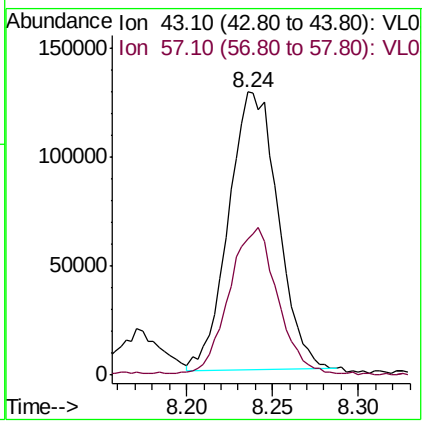


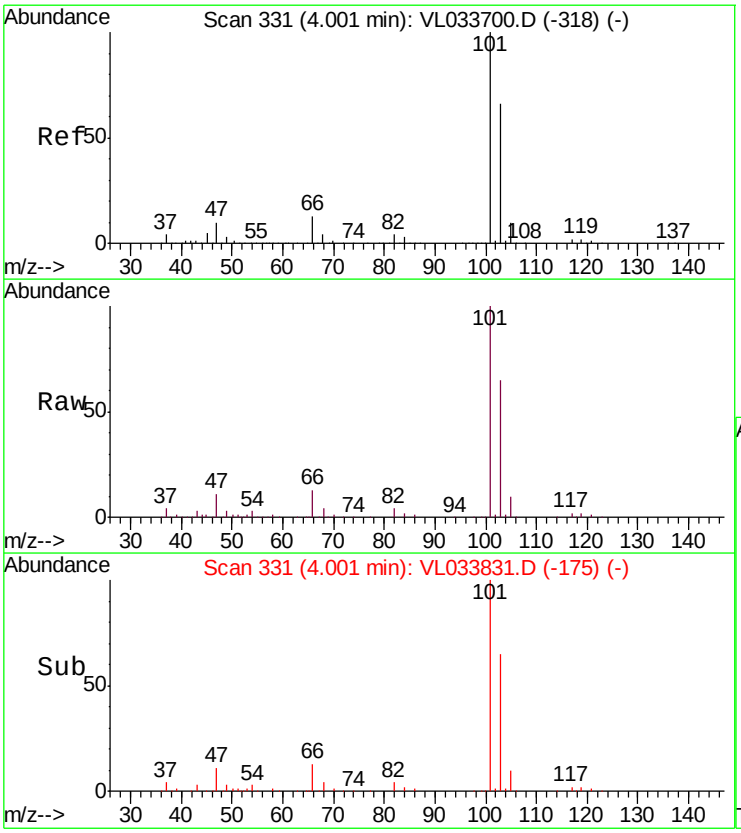
#10
Heptane
Concen: 2.387 ppbv
RT: 8.24 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Instrument :
MSVOA_L
ClientSampleId :
BPS1-DUP02

Tgt Ion: 43 Resp: 254599

Ion	Ratio	Lower	Upper
43	100		
57	52.6	41.4	62.0

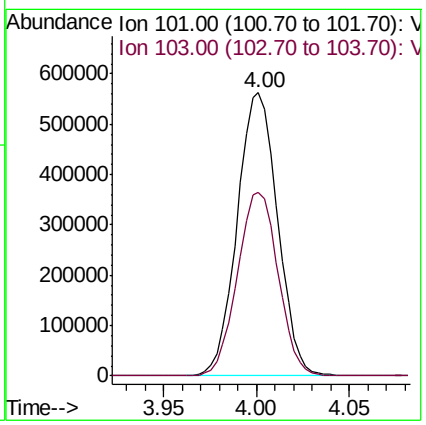


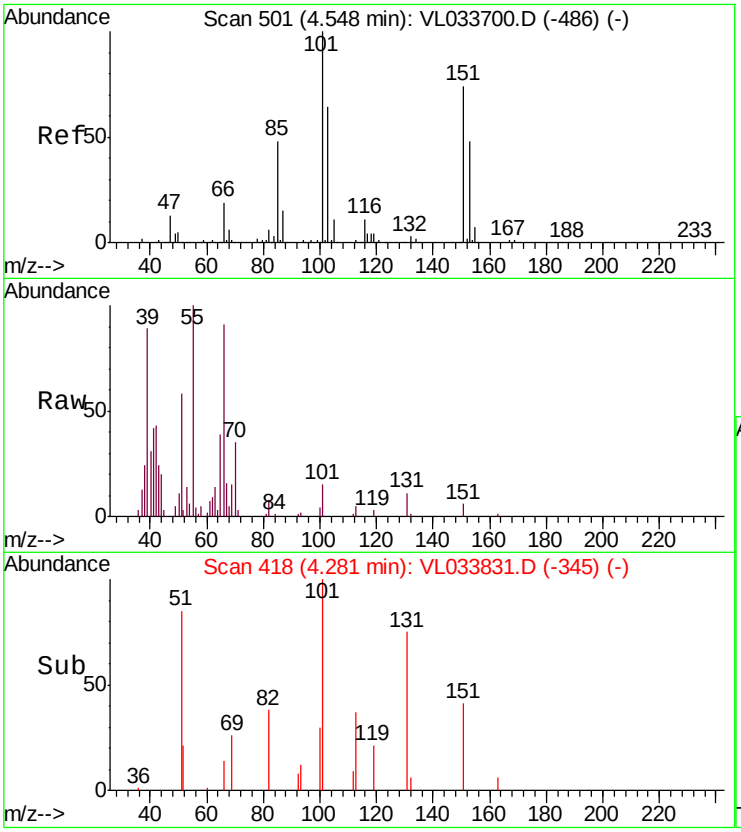


#11
Trichlorofluoromethane
Concen: 5.464 ppbv
RT: 4.00 min Scan# 331
Delta R.T. 0.00 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Tgt Ion:101 Resp: 849786

Ion	Ratio	Lower	Upper
101	100		
103	64.9	52.6	78.8



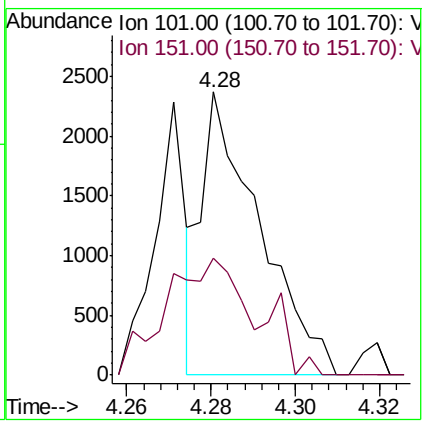


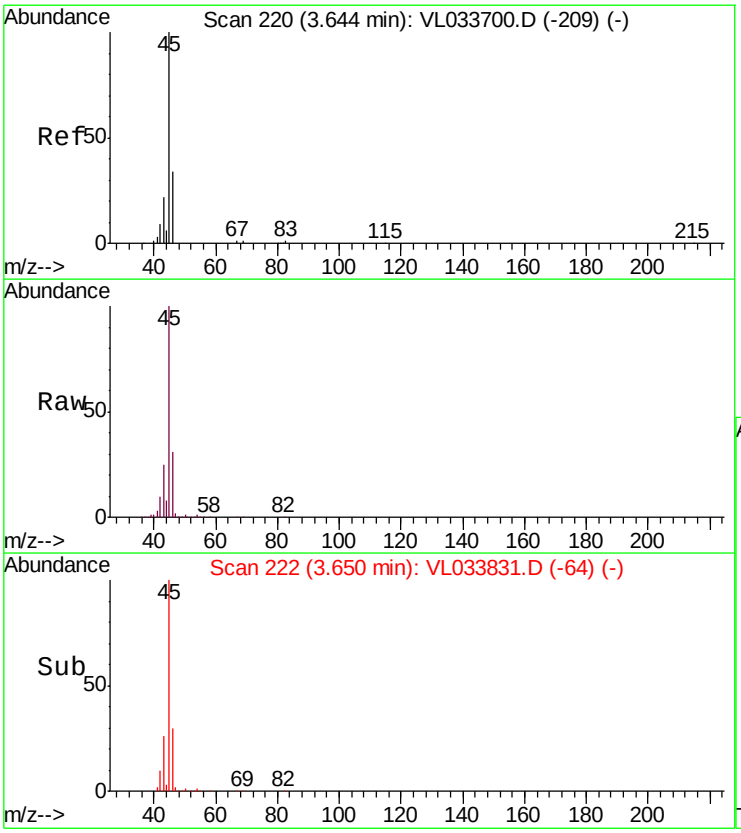
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.021 ppbv
RT: 4.28 min Scan# 418
Delta R.T. -0.27 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Instrument :
MSVOA_L
ClientSampleId :
BPS1-DUP02

Tgt Ion:101 Resp: 2242

Ion	Ratio	Lower	Upper
101	100		
151	65.2	58.2	87.4

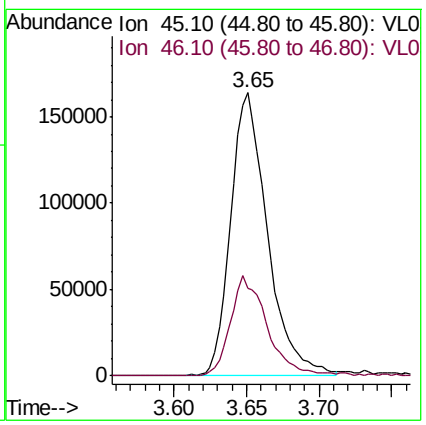


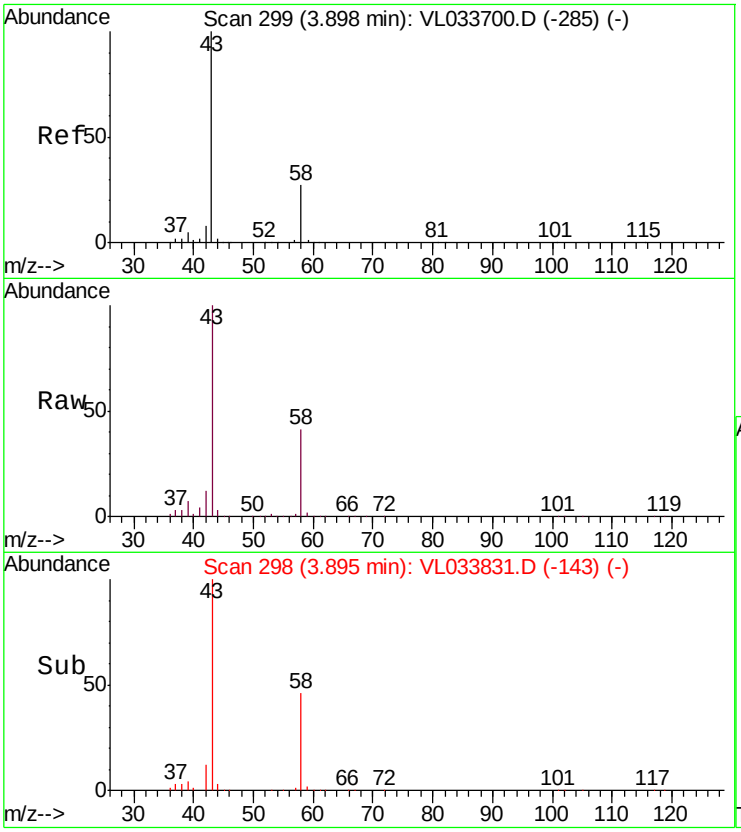


#13
Ethanol
Concen: 23.820 ppbv
RT: 3.65 min Scan# 222
Delta R.T. 0.01 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Tgt Ion: 45 Resp: 290042

Ion	Ratio	Lower	Upper
45	100		
46	35.8	14.8	59.0



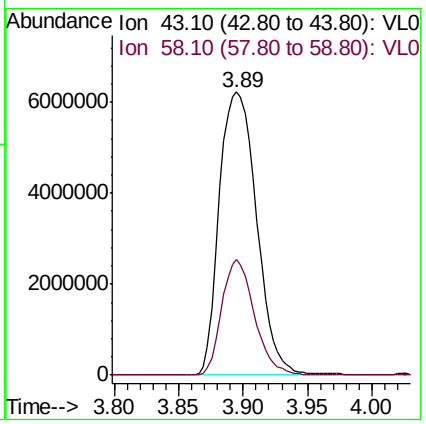


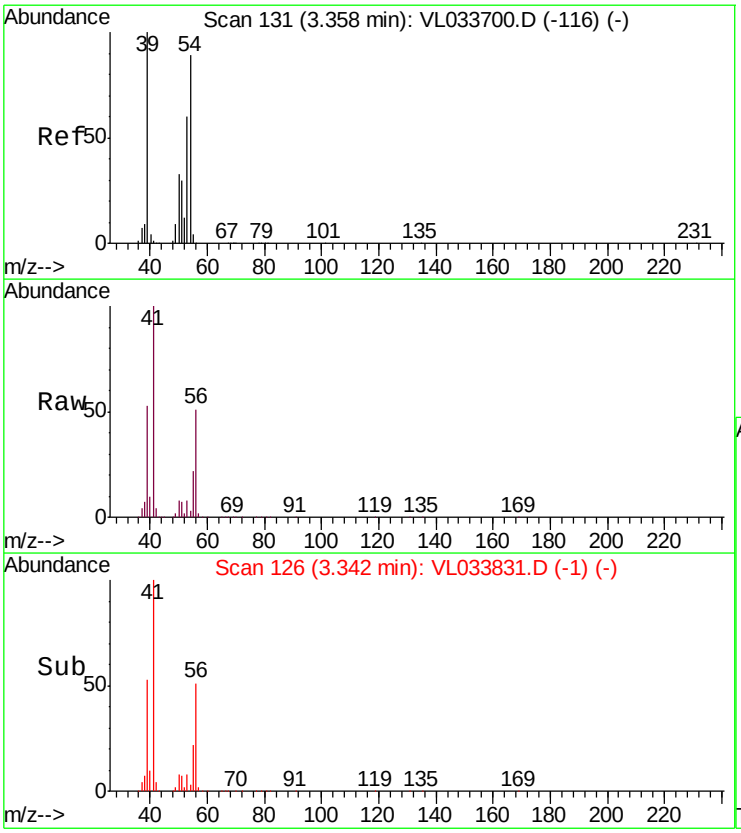
#15
Acetone
Concen: 116.640 ppbv
RT: 3.89 min Scan# 298
Delta R.T. -0.00 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Instrument :
MSVOA_L
ClientSampleId :
BPS1-DUP02

Tgt Ion: 43 Resp:12513324

Ion	Ratio	Lower	Upper
43	100		
58	36.0	21.3	31.9#

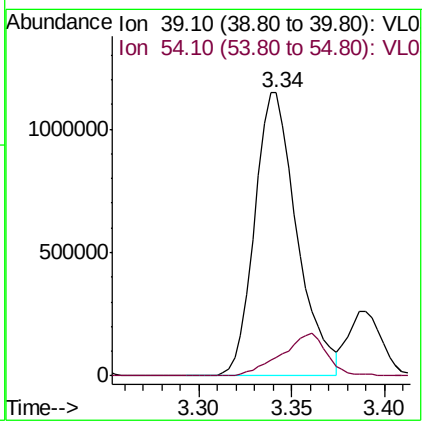


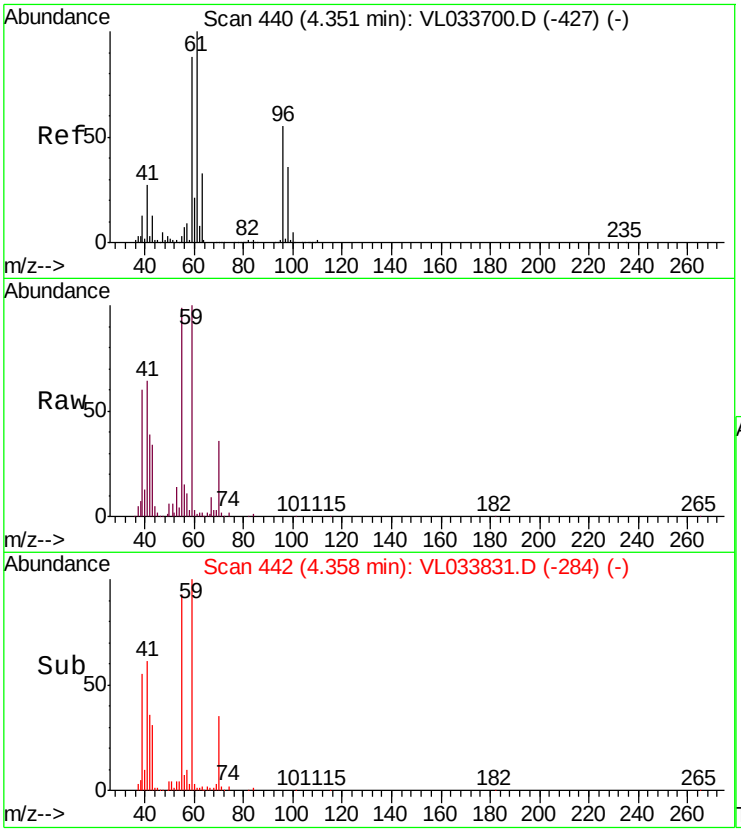


#16
1,3-Butadiene
Concen: 42.624 ppbv
RT: 3.34 min Scan# 126
Delta R.T. -0.02 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Tgt Ion: 39 Resp: 1820985

Ion	Ratio	Lower	Upper
39	100		
54	16.3	69.0	103.6#



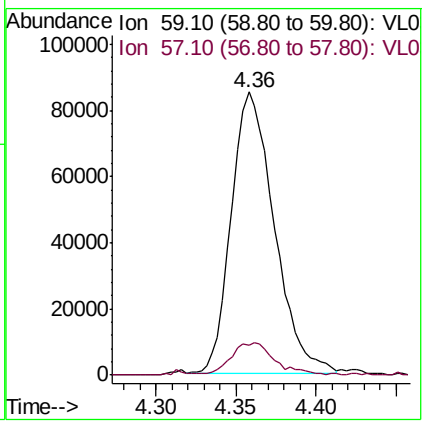


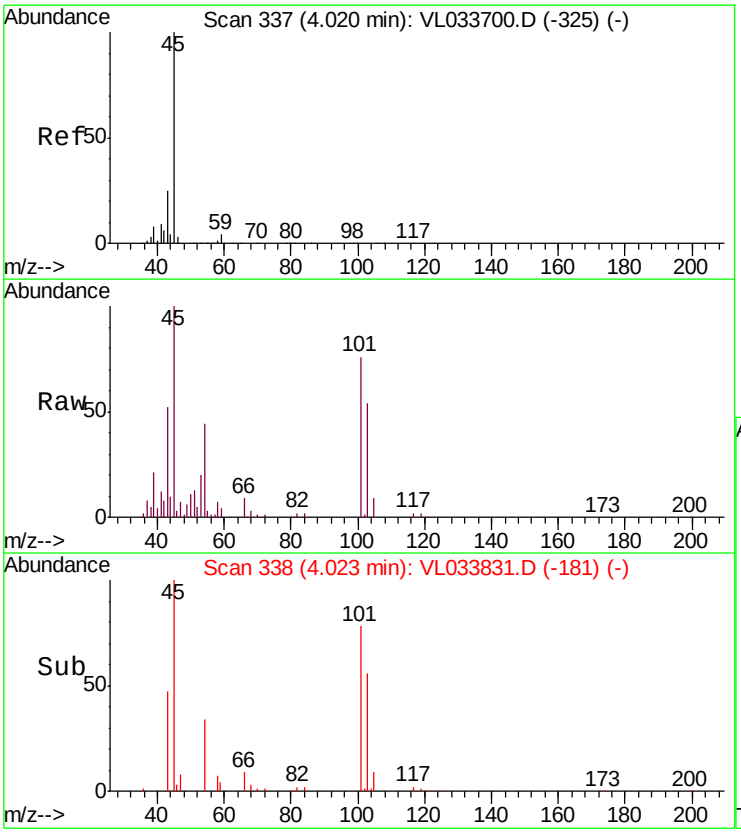
#17
tert-Butyl alcohol
Concen: 1.792 ppbv
RT: 4.36 min Scan# 442
Delta R.T. 0.01 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Instrument :
MSVOA_L
ClientSampleId :
BPS1-DUP02

Tgt Ion: 59 Resp: 155457

Ion	Ratio	Lower	Upper
59	100		
57	13.3	8.4	12.6#

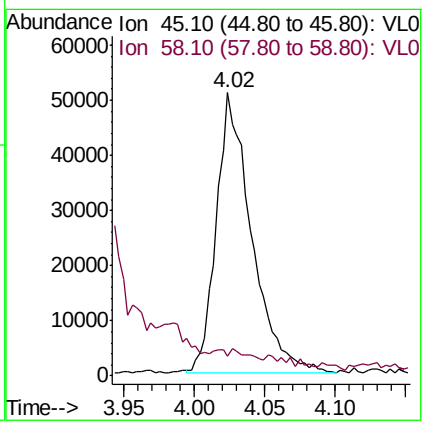


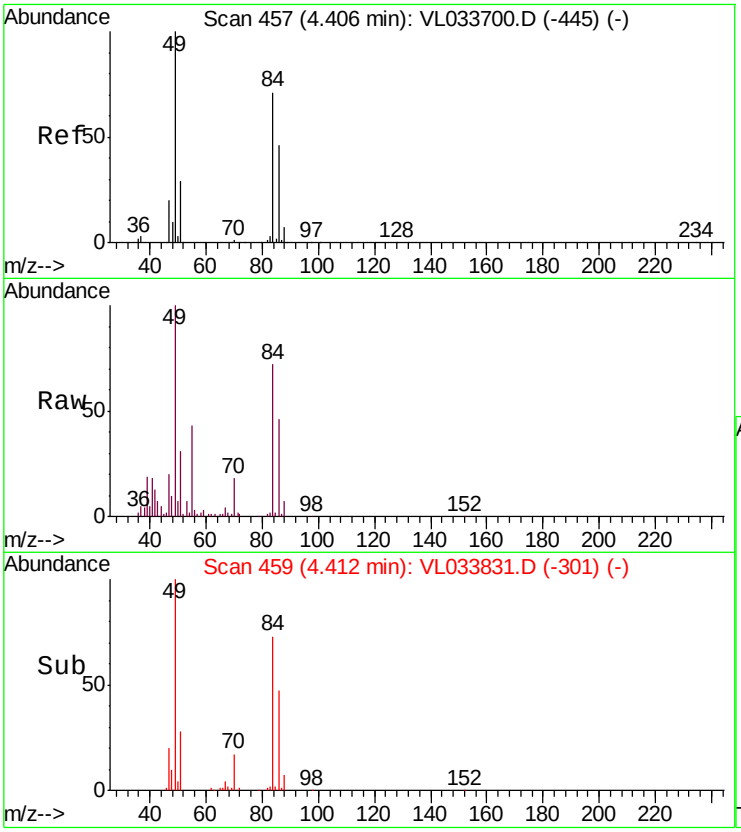


#19
Isopropyl Alcohol
Concen: 1.267 ppbv
RT: 4.02 min Scan# 338
Delta R.T. 0.00 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Tgt Ion: 45 Resp: 87637

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.6	2.4#



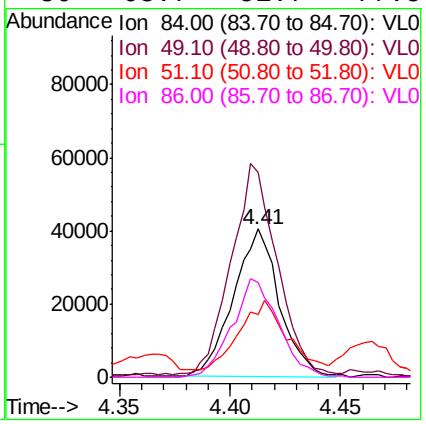


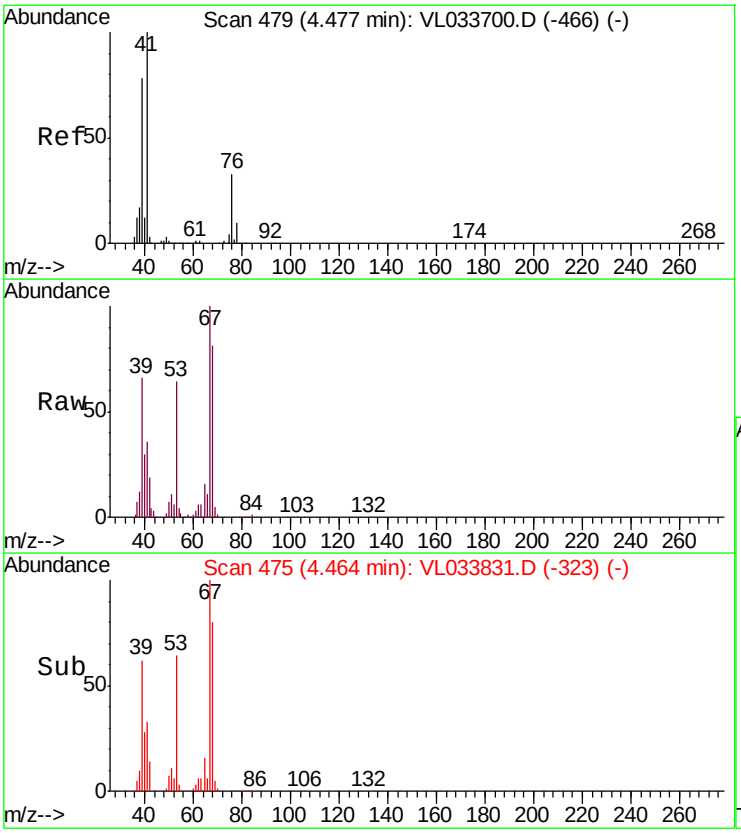
#20
Methylene Chloride
Concen: 1.417 ppbv
RT: 4.41 min Scan# 459
Delta R.T. 0.01 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Instrument : MSVOA_L
ClientSampleId : BPS1-DUP02

Tgt Ion: 84 Resp: 58510

Ion	Ratio	Lower	Upper
84	100		
49	137.0	112.8	169.2
51	37.9	33.4	50.0
86	63.7	51.7	77.5

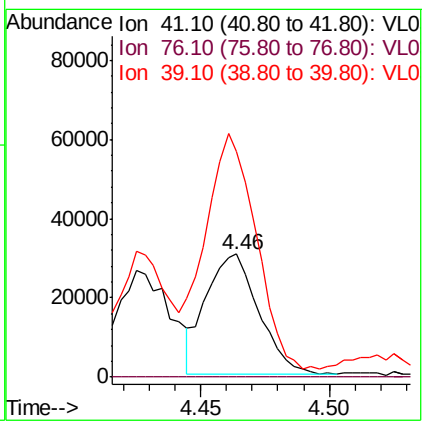


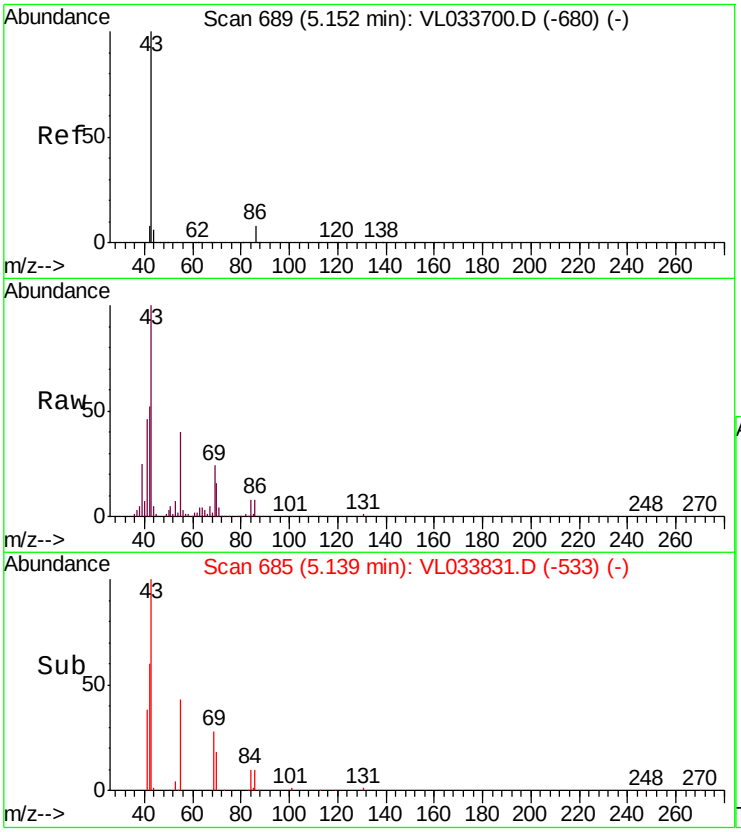


#21
Allyl Chloride
Concen: 0.649 ppbv
RT: 4.46 min Scan# 475
Delta R.T. -0.01 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Tgt Ion: 41 Resp: 43416

Ion	Ratio	Lower	Upper
41	100		
76	0.0	25.9	38.9#
39	283.7	64.6	97.0#



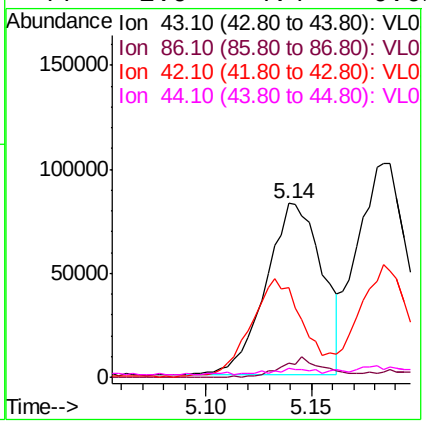


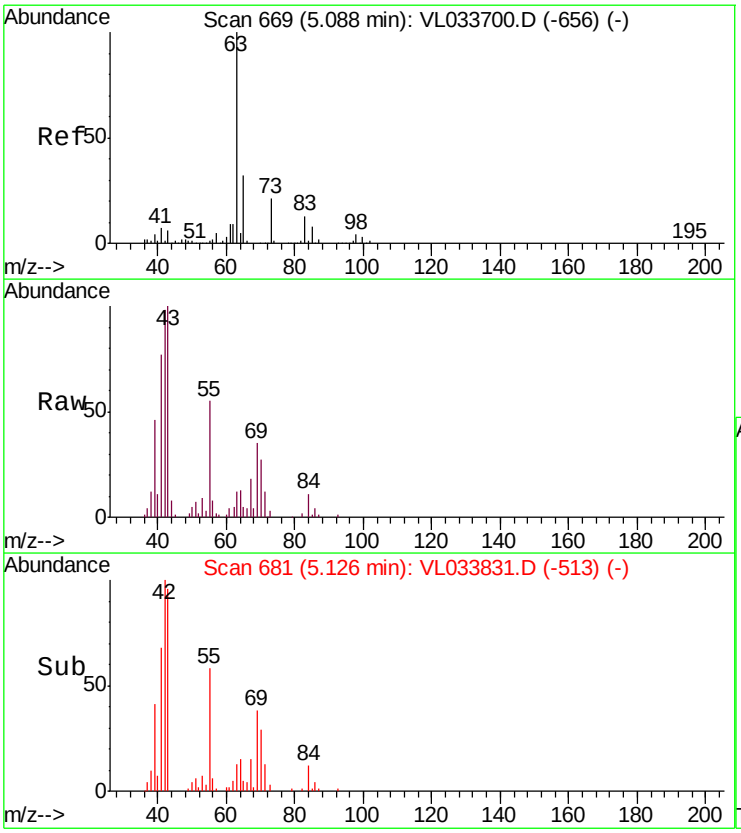
#23
Vinyl Acetate
Concen: 1.090 ppbv
RT: 5.14 min Scan# 685
Delta R.T. -0.01 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Instrument : MSVOA_L
ClientSampleId : BPS1-DUP02

Tgt Ion: 43 Resp: 154145

Ion	Ratio	Lower	Upper
43	100		
86	8.5	6.0	9.0
42	51.4	7.5	11.3#
44	2.9	4.4	6.6#

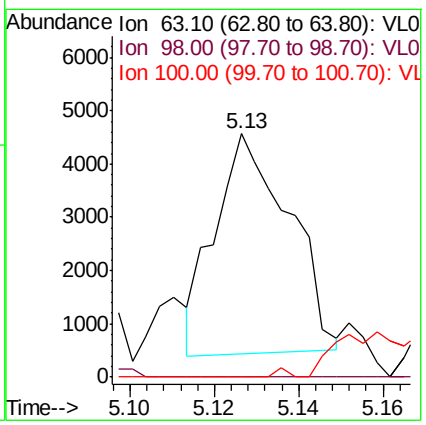


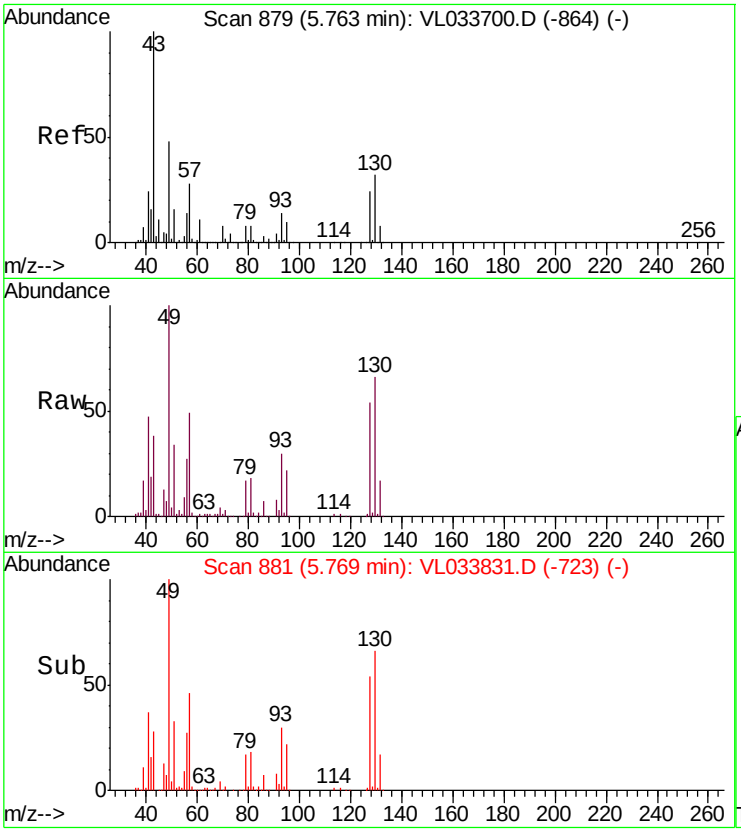


#24
1,1-Dichloroethane
Concen: 0.047 ppbv
RT: 5.13 min Scan# 681
Delta R.T. 0.04 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Tgt Ion: 63 Resp: 5046

Ion	Ratio	Lower	Upper
63	100		
98	0.0	1.8	5.5#
100	0.0	1.4	4.2#



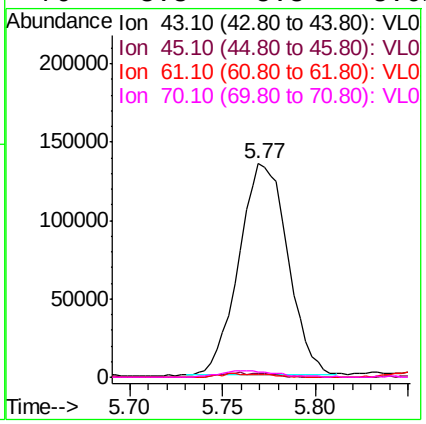


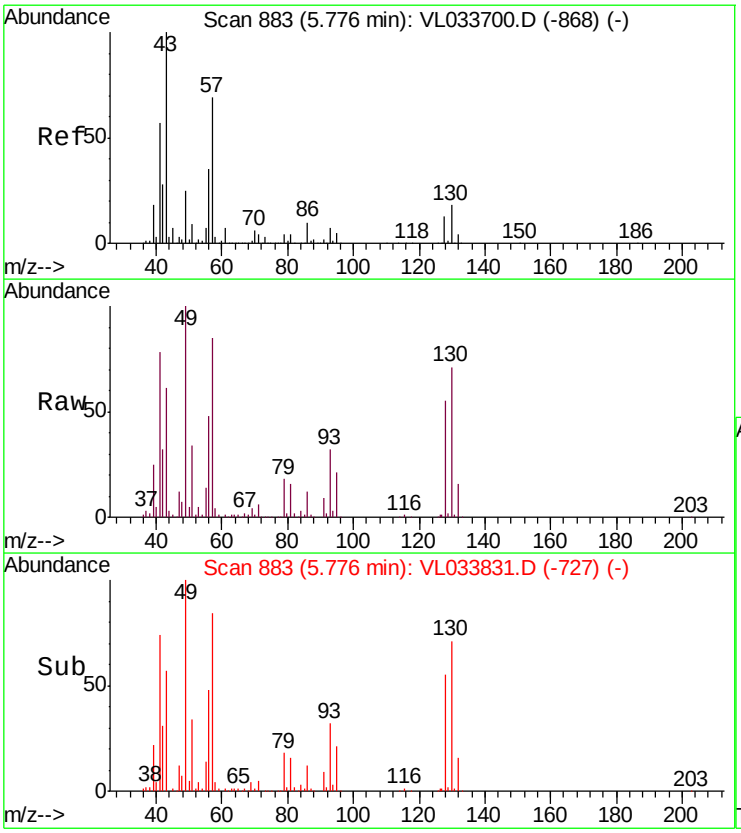
#25
Ethyl Acetate
Concen: 1.305 ppbv
RT: 5.77 min Scan# 881
Delta R.T. 0.01 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Instrument :
MSVOA_L
ClientSampleId :
BPS1-DUP02

Tgt Ion: 43 Resp: 245901

Ion	Ratio	Lower	Upper
43	100		
45	2.2	7.9	11.9#
61	1.8	7.7	11.5#
70	3.8	5.8	8.6#

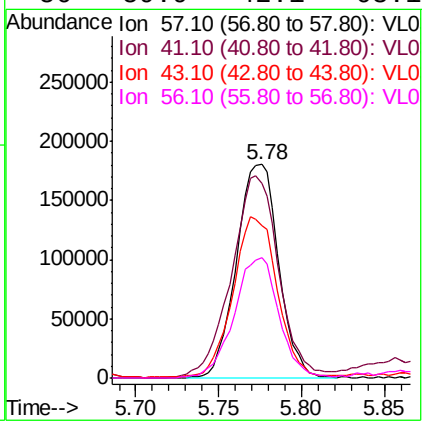


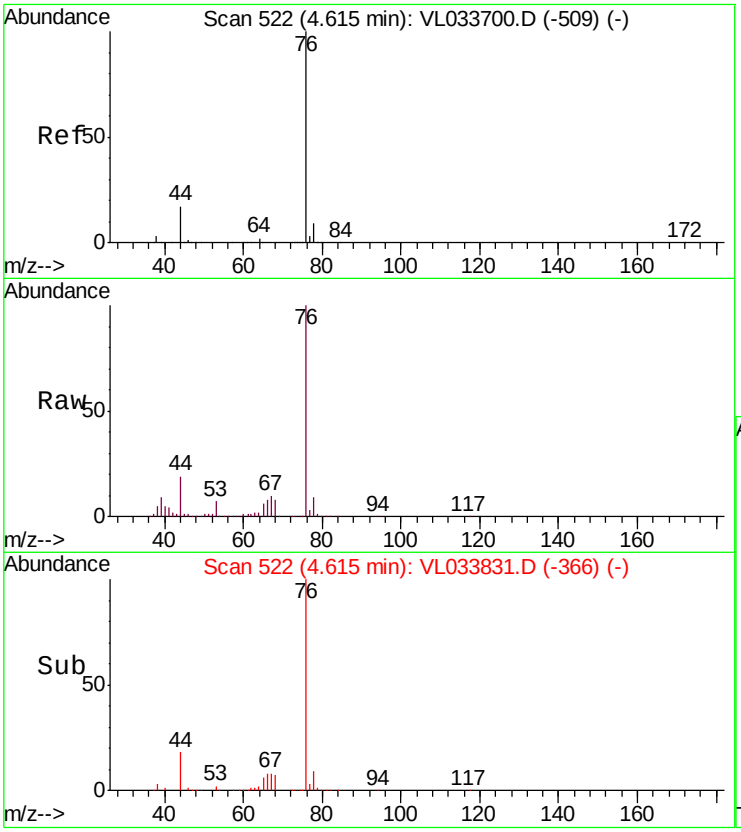


#26
Hexane
Concen: 3.946 ppbv
RT: 5.78 min Scan# 883
Delta R.T. 0.00 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Tgt Ion: 57 Resp: 319729

Ion	Ratio	Lower	Upper
57	100		
41	105.2	69.8	104.6#
43	79.2	181.8	272.6#
56	59.9	42.1	63.1



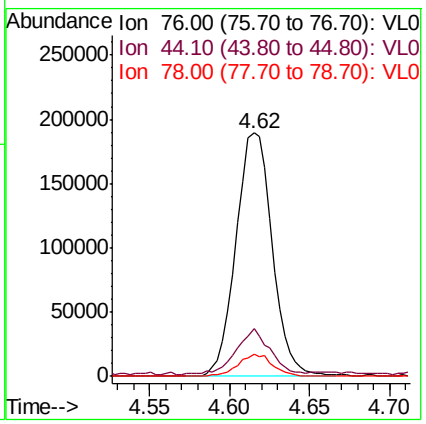


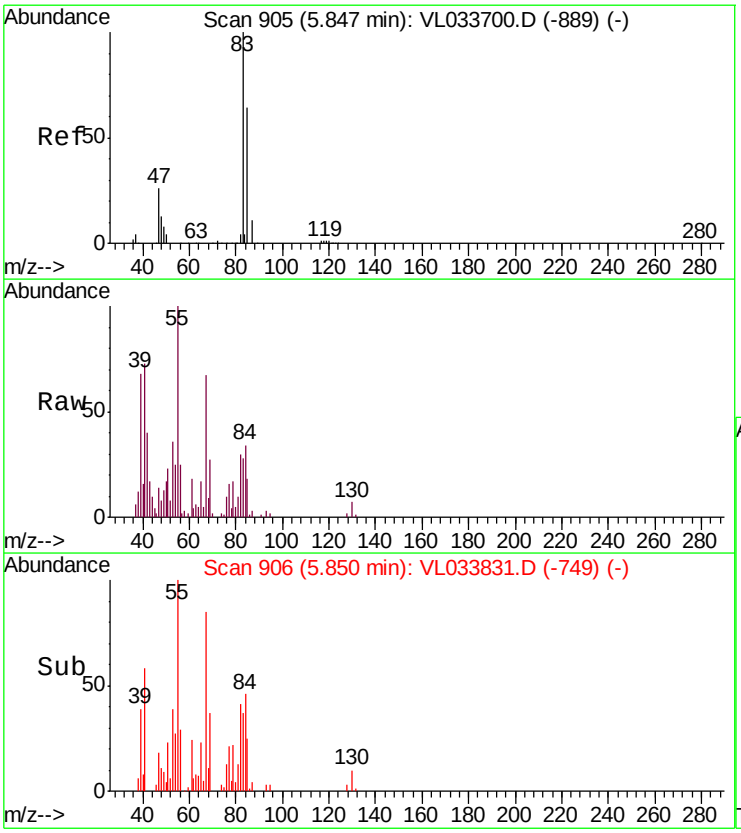
#27
Carbon Disulfide
Concen: 2.632 ppbv
RT: 4.62 min Scan# 522
Delta R.T. 0.00 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Instrument :
MSVOA_L
ClientSampleId :
BPS1-DUP02

Tgt Ion: 76 Resp: 292534

Ion	Ratio	Lower	Upper
76	100		
44	18.9	13.8	20.8
78	9.0	7.4	11.0

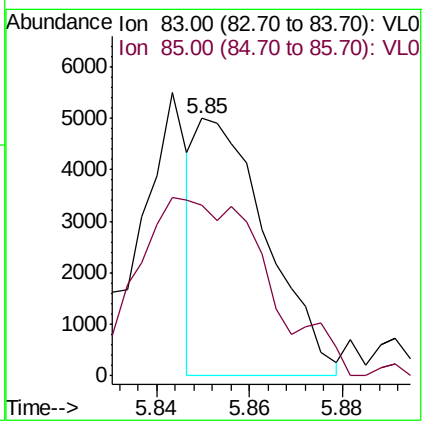


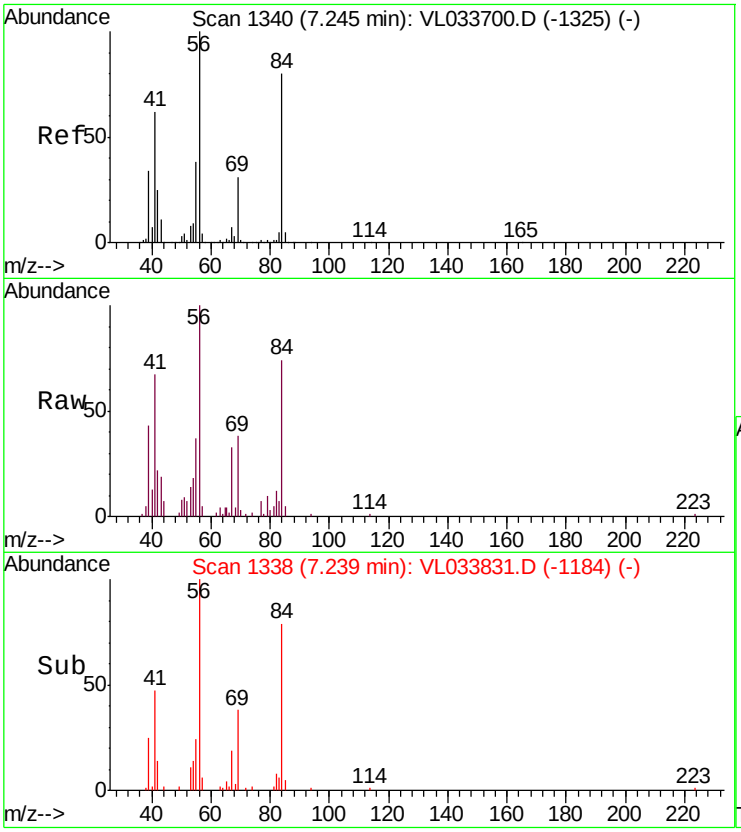


#29
Chloroform
Concen: 0.035 ppbv
RT: 5.85 min Scan# 906
Delta R.T. 0.00 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Tgt Ion: 83 Resp: 5268

Ion	Ratio	Lower	Upper
83	100		
85	58.7	51.5	77.3



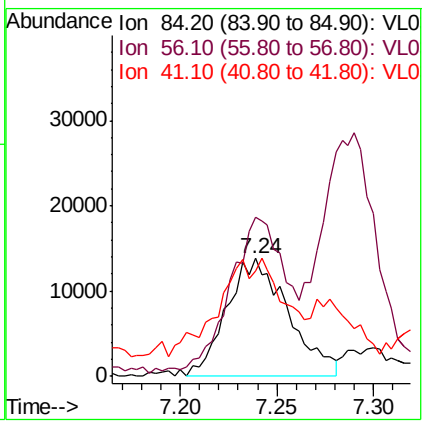


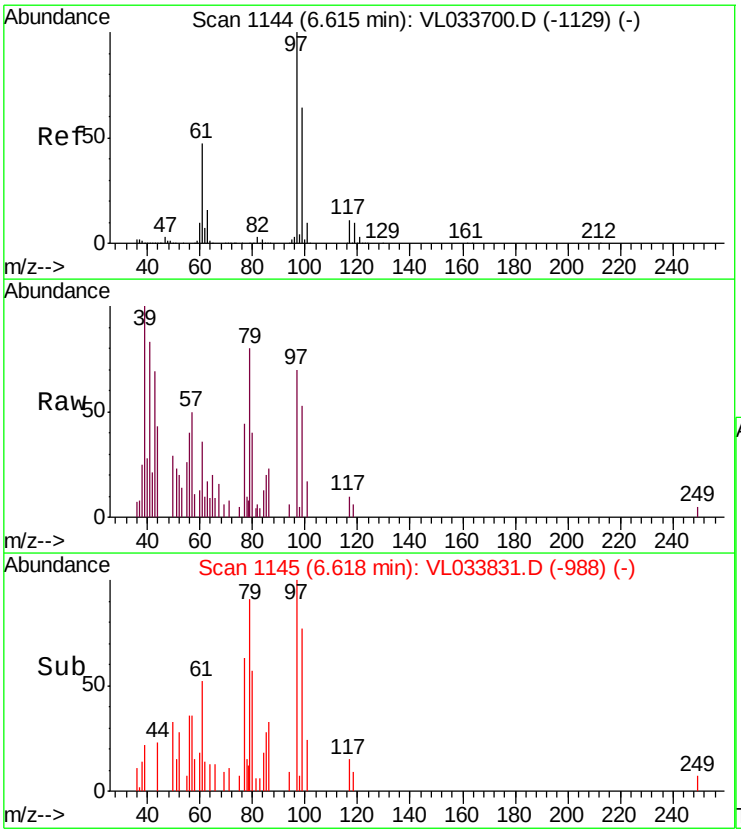
#30
Cyclohexane
Concen: 0.450 ppbv
RT: 7.24 min Scan# 1338
Delta R.T. -0.01 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Instrument : MSVOA_L
ClientSampleId : BPS1-DUP02

Tgt Ion: 84 Resp: 30675

Ion	Ratio	Lower	Upper
84	100		
56	108.6	107.7	161.5
41	151.8	66.0	99.0#

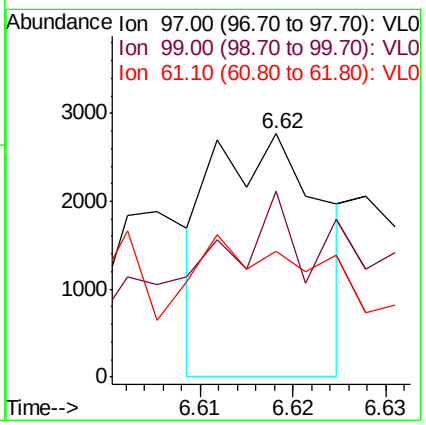


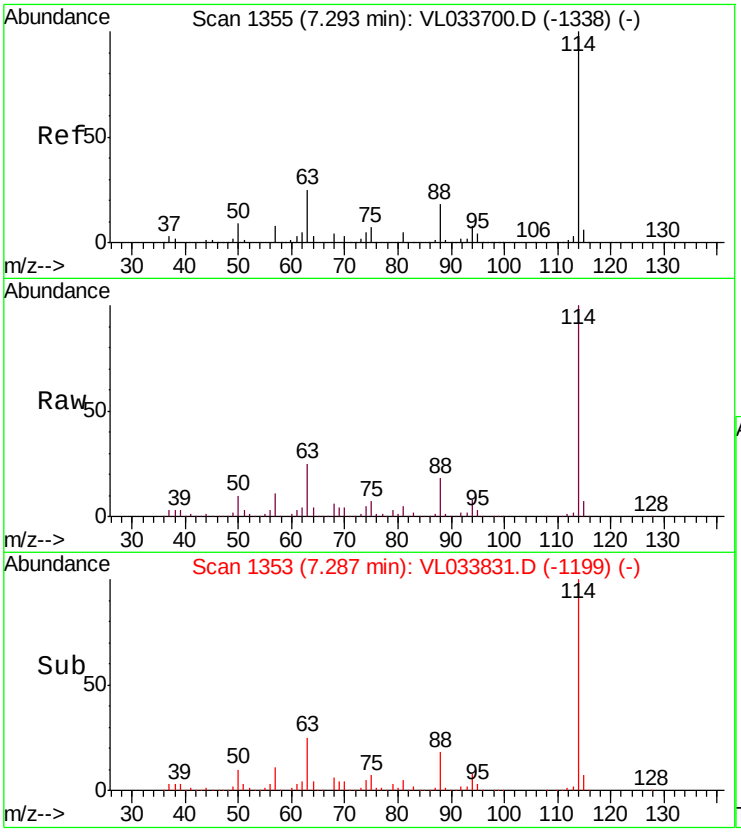


#32
1,1,1-Trichloroethane
Concen: 0.015 ppbv
RT: 6.62 min Scan# 1145
Delta R.T. 0.00 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Tgt Ion: 97 Resp: 2249

Ion	Ratio	Lower	Upper
97	100		
99	145.4	51.5	77.3#
61	103.0	37.8	56.8#



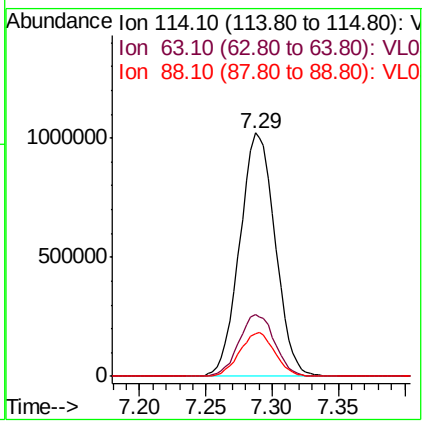


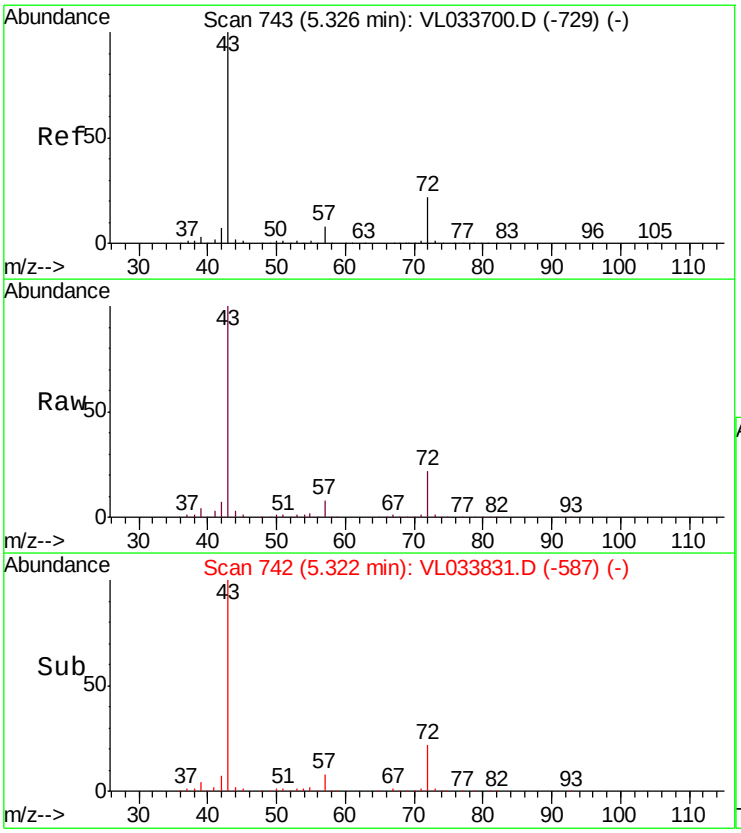
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Instrument :
MSVOA_L
ClientSampleId :
BPS1-DUP02

Tgt Ion:114 Resp: 1899128

Ion	Ratio	Lower	Upper
114	100		
63	25.9	20.9	31.3
88	17.8	14.3	21.5

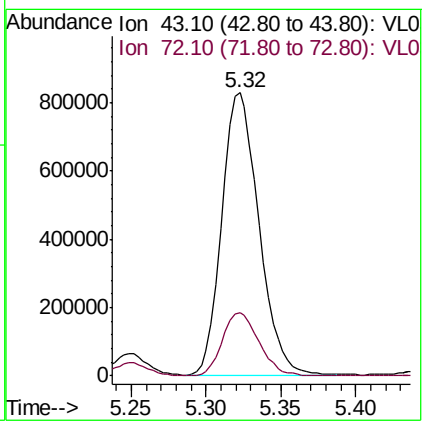


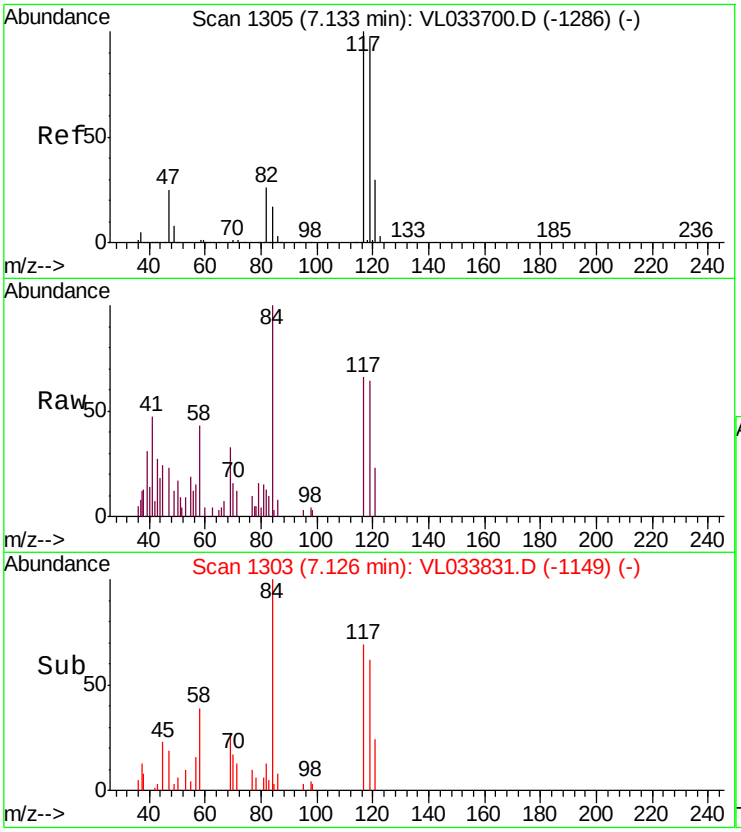


#34
2-Butanone
Concen: 12.122 ppbv
RT: 5.32 min Scan# 742
Delta R.T. -0.00 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Tgt Ion: 43 Resp: 1426981

Ion	Ratio	Lower	Upper
43	100		
72	22.2	17.8	26.6



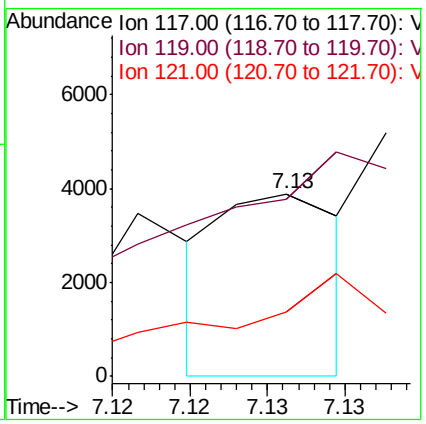


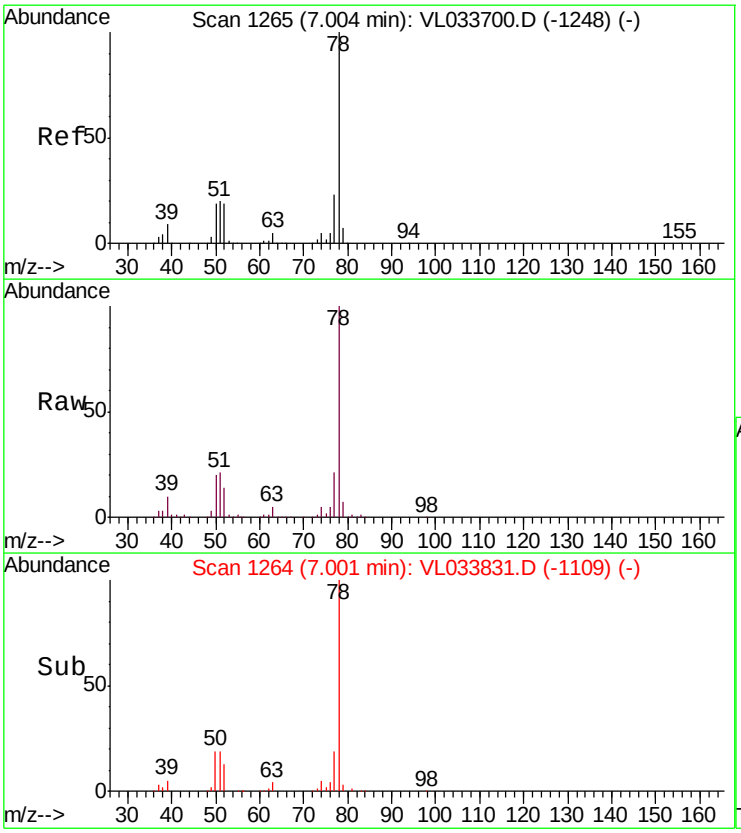
#35
Carbon Tetrachloride
Concen: 0.014 ppbv
RT: 7.13 min Scan# 1303
Delta R.T. -0.01 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Instrument :
MSVOA_L
ClientSampleId :
BPS1-DUP02

Tgt Ion:117 Resp: 2110

Ion	Ratio	Lower	Upper
117	100		
119	51.8	77.2	115.8#
121	22.7	24.1	36.1#

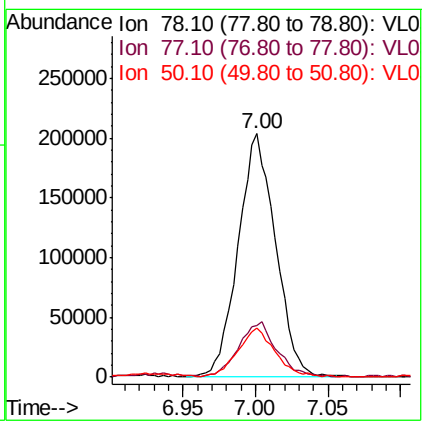


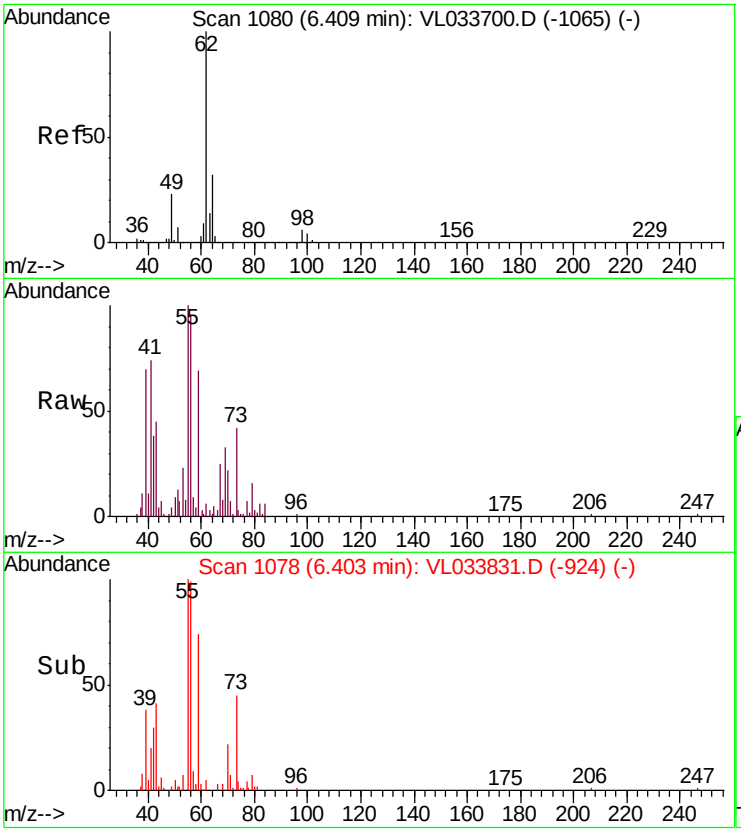


#36
Benzene
Concen: 2.096 ppbv
RT: 7.00 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Tgt Ion: 78 Resp: 362094

Ion	Ratio	Lower	Upper
78	100		
77	21.2	18.4	27.6
50	19.7	15.5	23.3



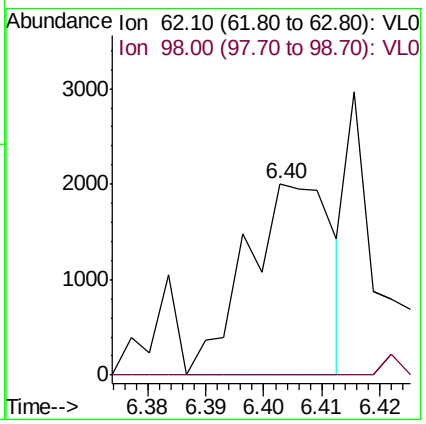


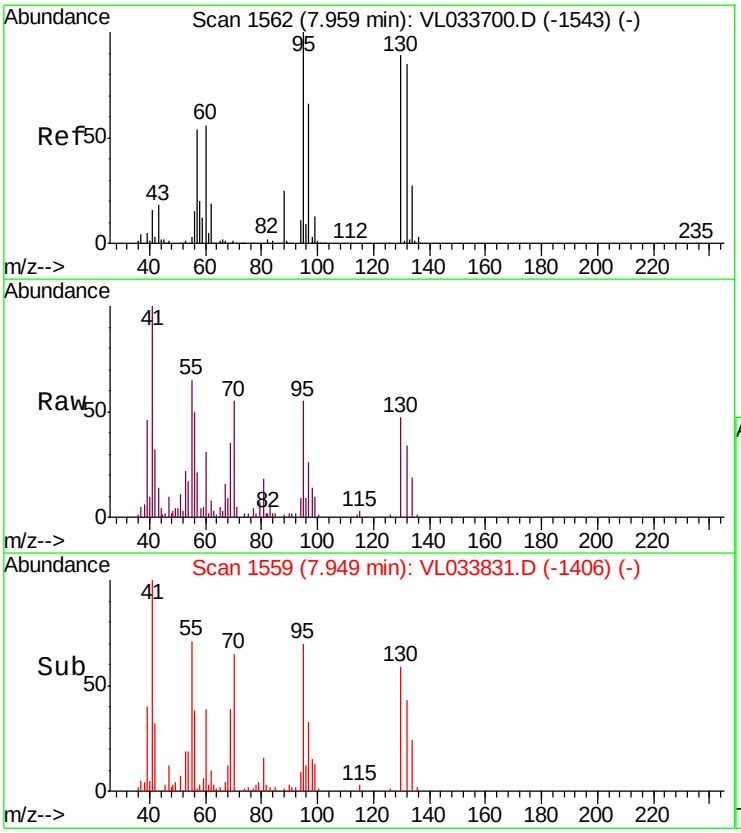
#37
1,2-Dichloroethane
Concen: 0.018 ppbv
RT: 6.40 min Scan# 1078
Delta R.T. -0.01 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Instrument : MSVOA_L
ClientSampleId : BPS1-DUP02

Tgt Ion: 62 Resp: 2052

Ion	Ratio	Lower	Upper
62	100		
98	0.0	4.5	6.7#

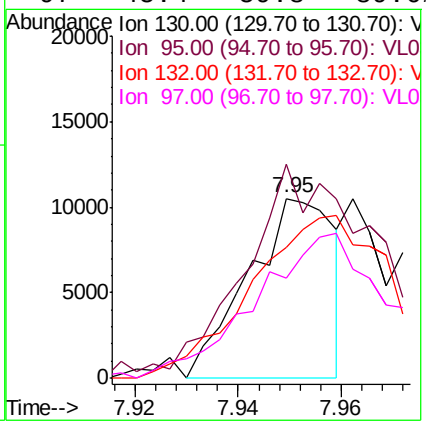


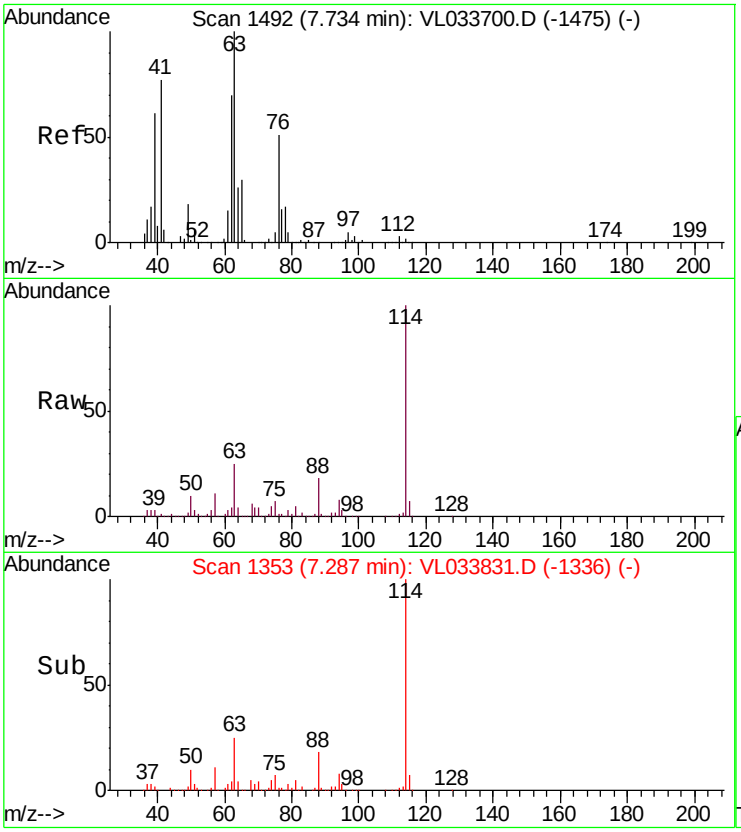


#38
Trichloroethene
Concen: 0.188 ppbv
RT: 7.95 min Scan# 1559
Delta R.T. -0.01 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Tgt Ion:130 Resp: 12067

Ion	Ratio	Lower	Upper
130	100		
95	98.7	90.2	135.4
132	60.5	76.4	114.6#
97	45.4	59.8	89.6#



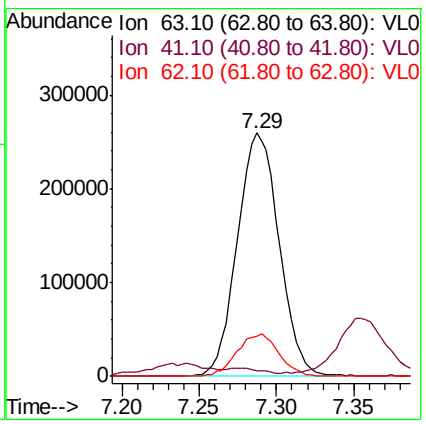


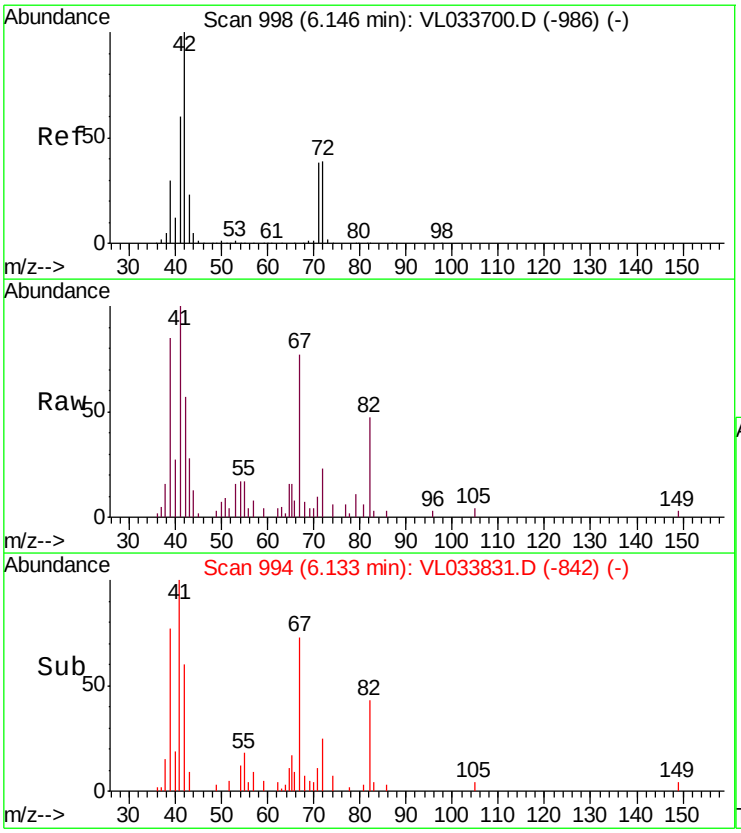
#39
1,2-Dichloropropane
Concen: 7.515 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.45 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Instrument : MSVOA_L
ClientSampleId : BPS1-DUP02

Tgt Ion: 63 Resp: 484015

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.5	92.3#
62	16.3	56.2	84.4#

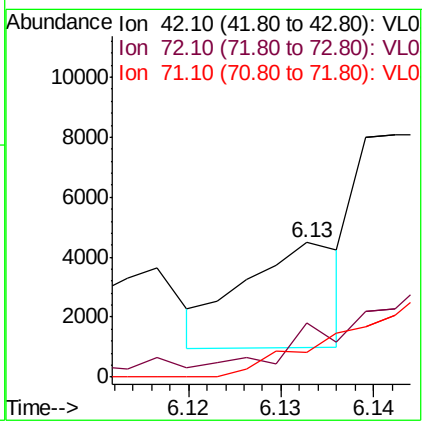


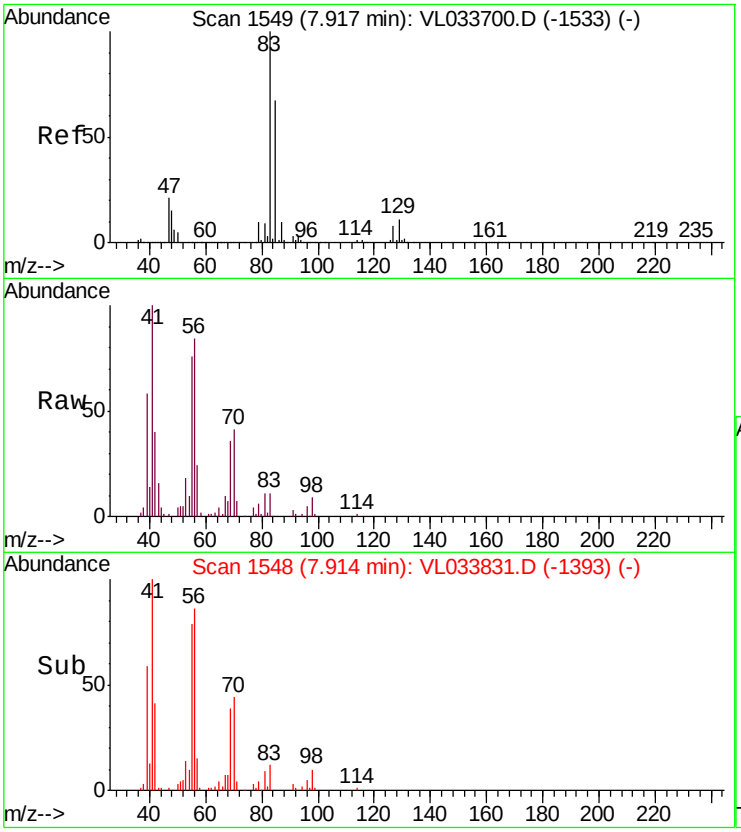


#41
Tetrahydrofuran
Concen: 0.039 ppbv
RT: 6.13 min Scan# 994
Delta R.T. -0.01 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Tgt Ion: 42 Resp: 2577

Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.0	48.0#
71	0.0	30.4	45.6#



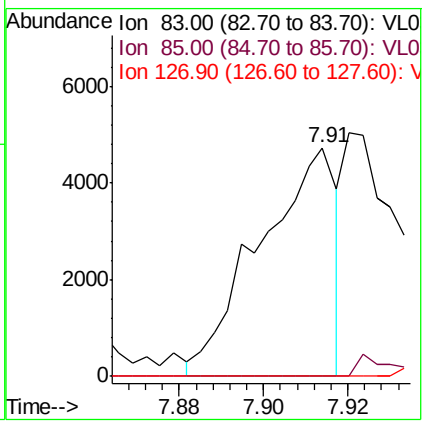


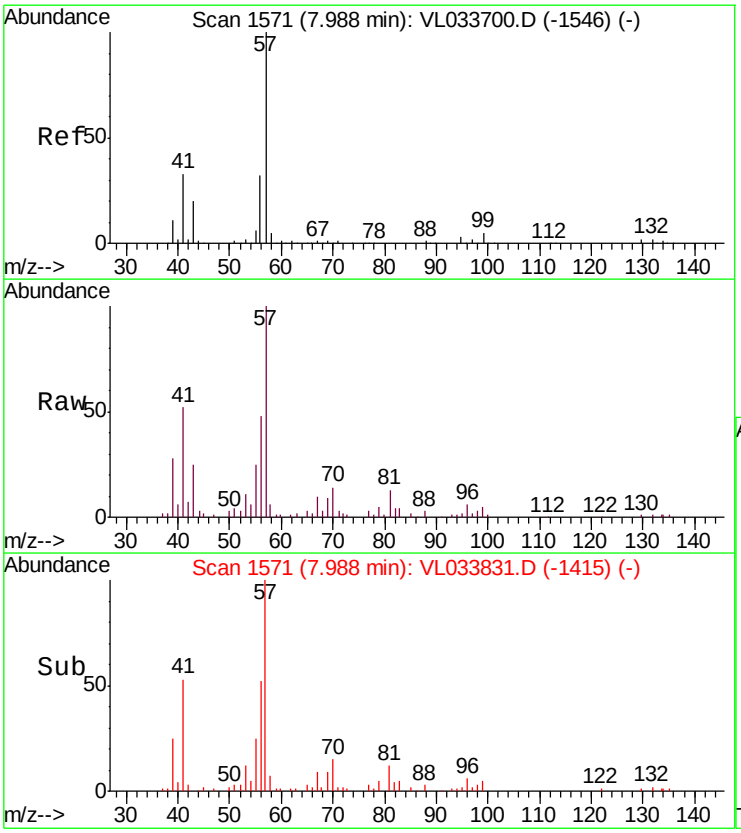
#42
Bromodichloromethane
Concen: 0.039 ppbv
RT: 7.91 min Scan# 1548
Delta R.T. -0.00 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Instrument : MSVOA_L
ClientSampleId : BPS1-DUP02

Tgt Ion: 83 Resp: 5953

Ion	Ratio	Lower	Upper
83	100		
85	0.0	53.3	79.9#
127	0.0	6.5	9.7#

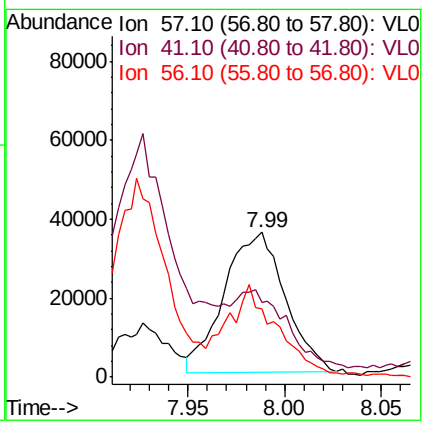


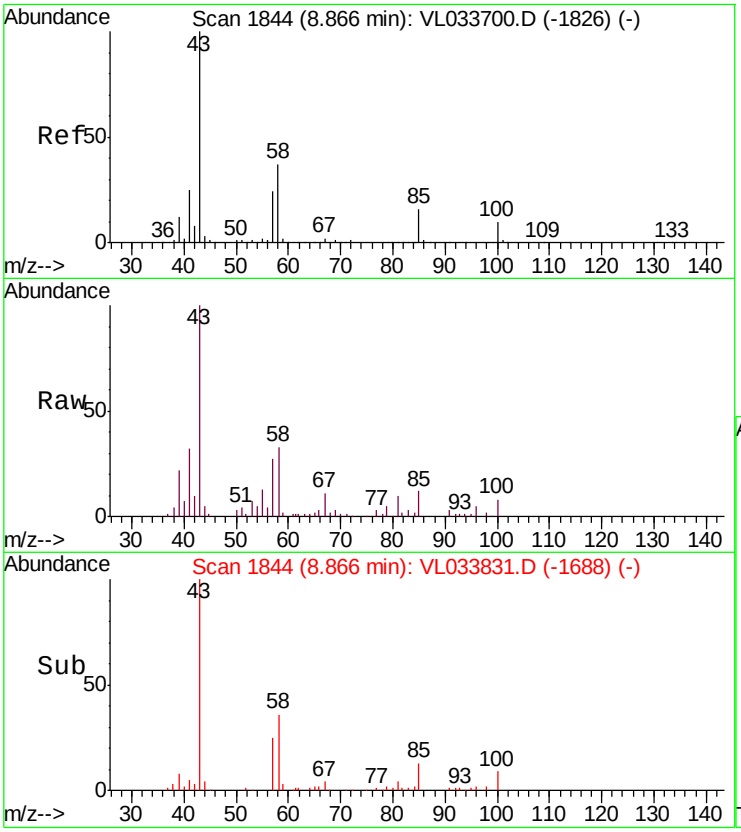


#44
2,2,4-Trimethylpentane
Concen: 0.266 ppbv
RT: 7.99 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Tgt Ion: 57 Resp: 77640

Ion	Ratio	Lower	Upper
57	100		
41	53.6	25.4	38.0#
56	59.0	24.7	37.1#



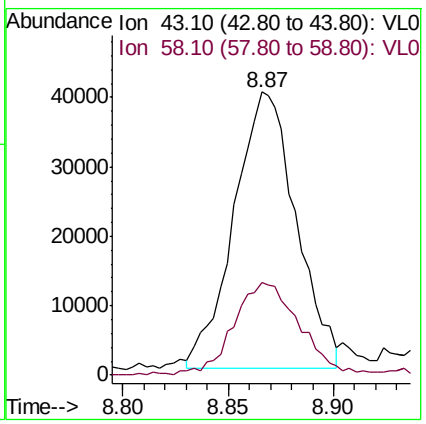


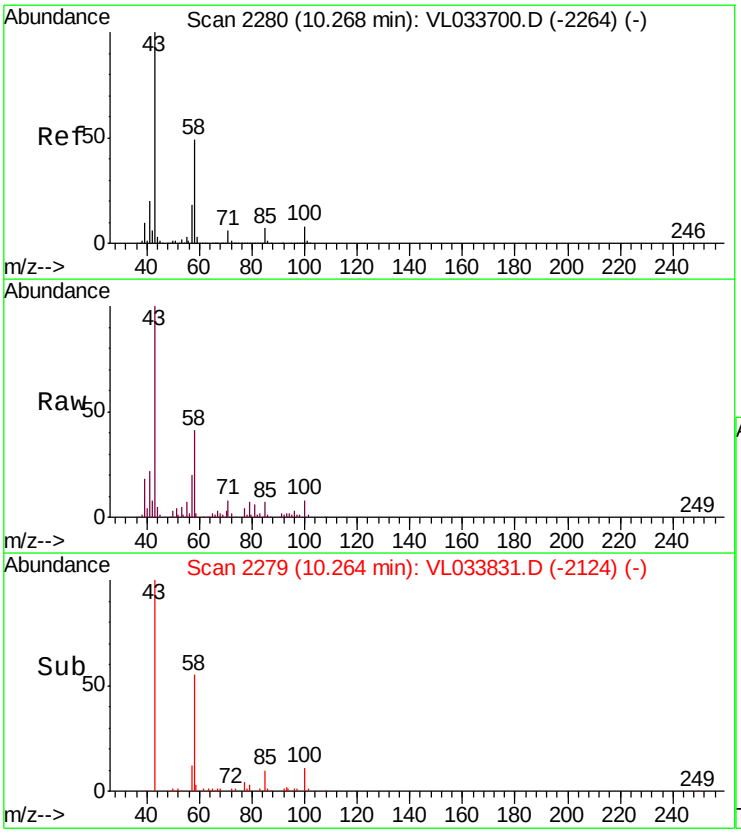
#50
4-Methyl-2-Pentanone
Concen: 0.449 ppbv
RT: 8.87 min Scan# 1844
Delta R.T. 0.00 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Instrument :
MSVOA_L
ClientSampleId :
BPS1-DUP02

Tgt Ion: 43 Resp: 81335

Ion	Ratio	Lower	Upper
43	100		
58	36.6	28.6	43.0

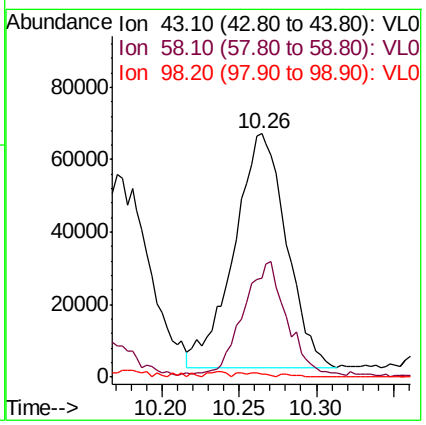


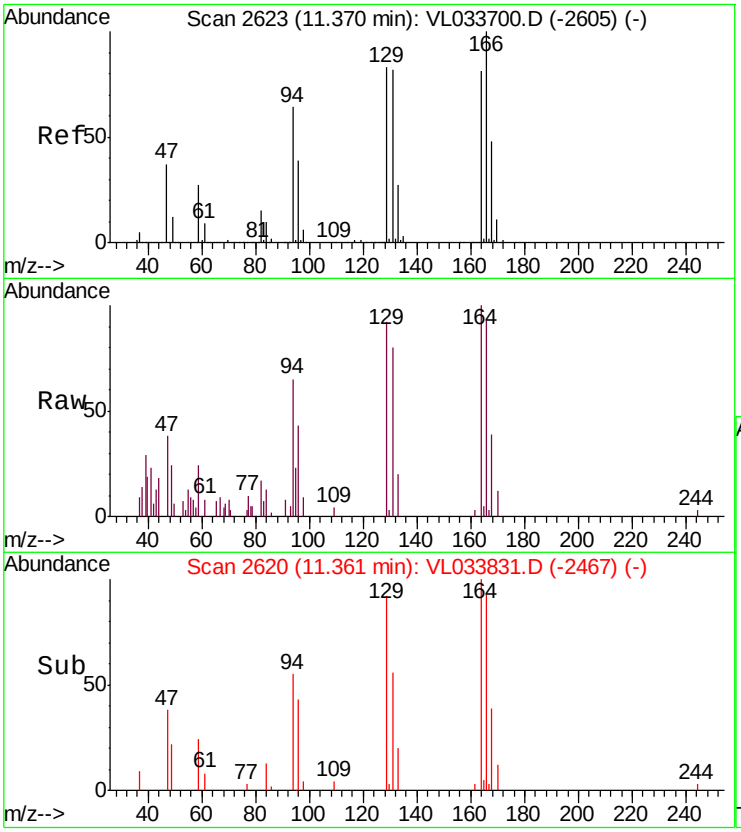


#51
2-Hexanone
Concen: 1.075 ppbv
RT: 10.26 min Scan# 2279
Delta R.T. -0.00 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Tgt Ion: 43 Resp: 151870

Ion	Ratio	Lower	Upper
43	100		
58	42.4	38.7	58.1
98	2.8	0.2	0.4#



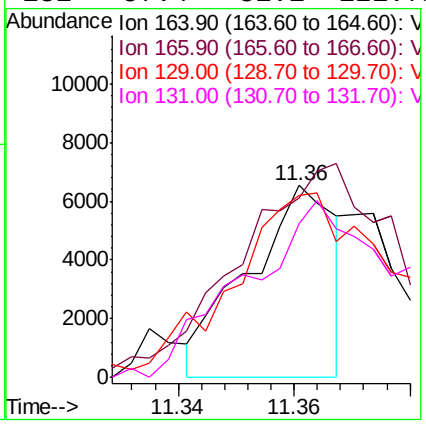


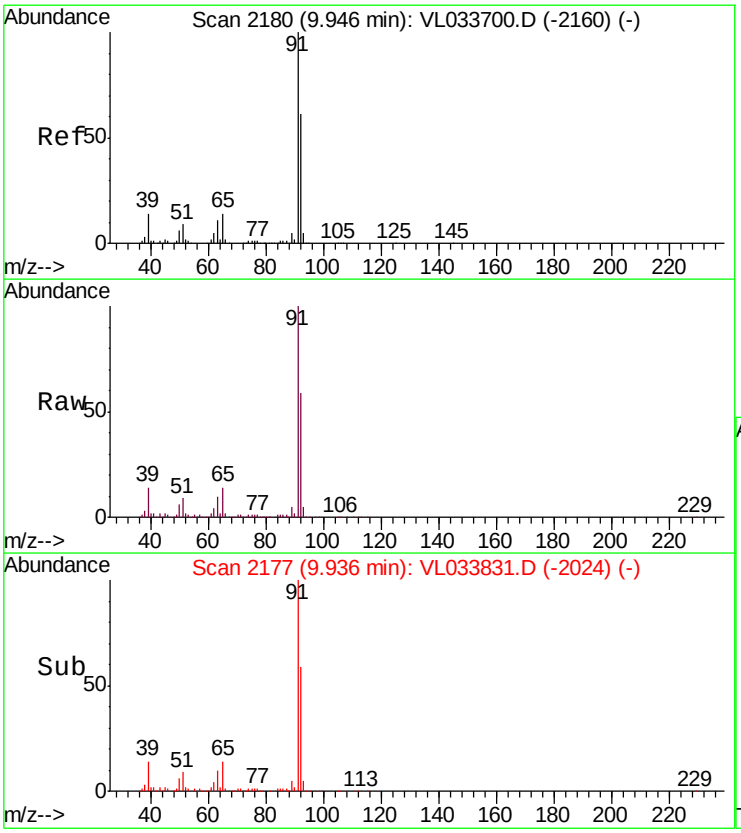
#52
Tetrachloroethene
Concen: 0.112 ppbv
RT: 11.36 min Scan# 2620
Delta R.T. -0.01 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Instrument :
MSVOA_L
ClientSampleId :
BPS1-DUP02

Tgt Ion:164 Resp: 6831

Ion	Ratio	Lower	Upper
164	100		
166	78.5	98.9	148.3#
129	69.5	81.8	122.6#
131	57.4	81.1	121.7#

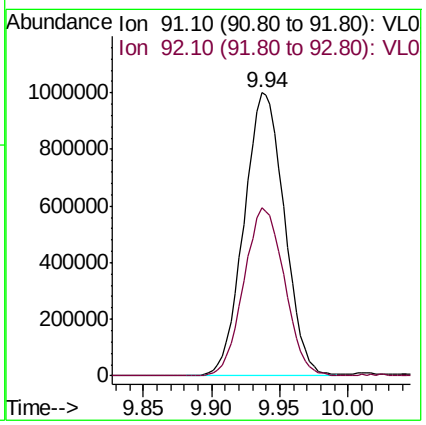


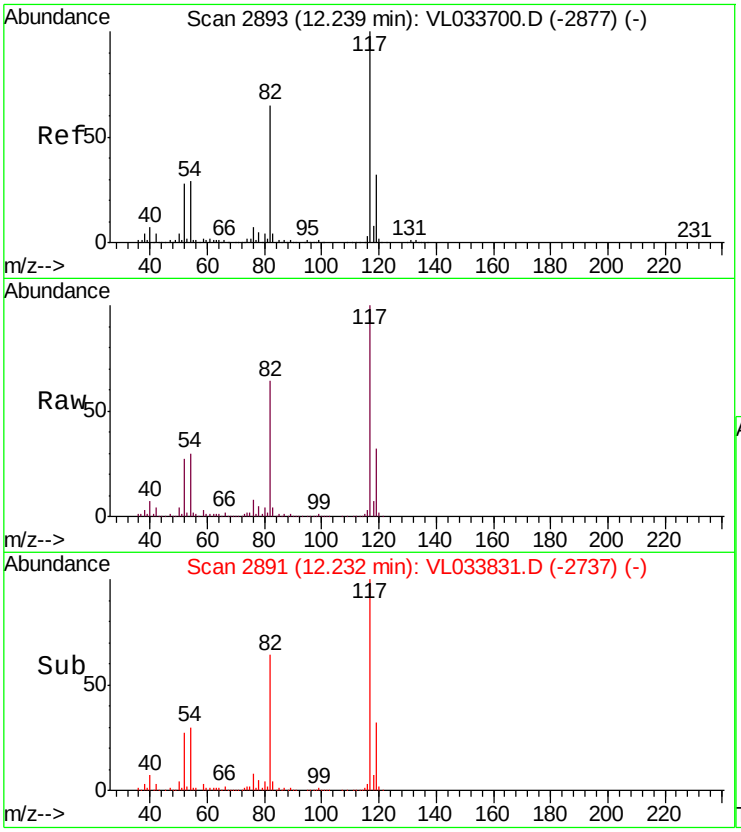


#53
Toluene
Concen: 11.034 ppbv
RT: 9.94 min Scan# 2177
Delta R.T. -0.01 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Tgt Ion: 91 Resp: 2055907

Ion	Ratio	Lower	Upper
91	100		
92	59.5	47.6	71.4



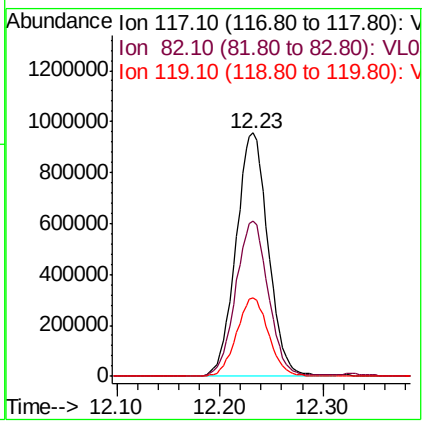


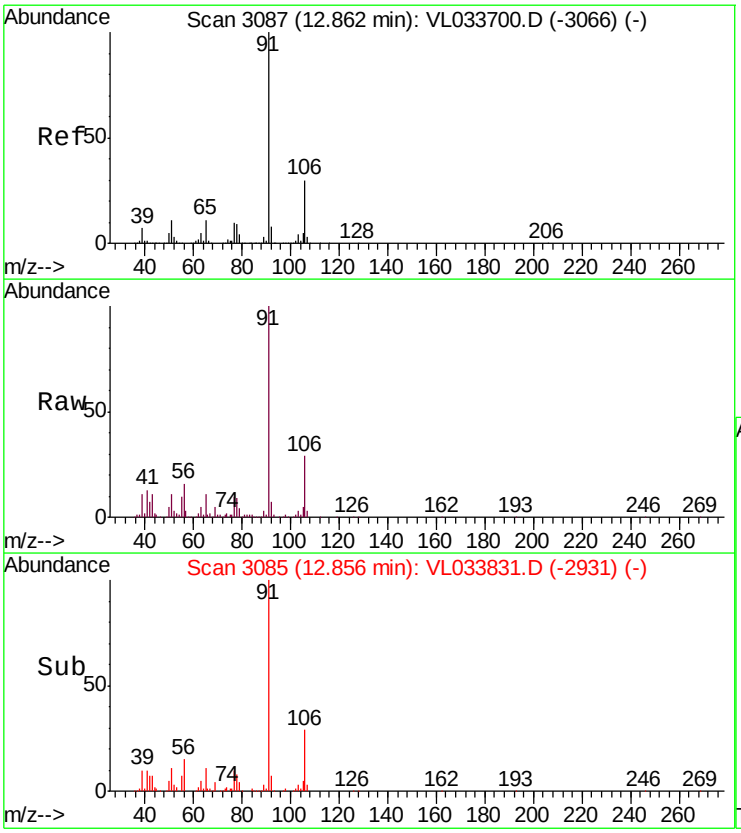
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2891
Delta R.T. -0.01 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Instrument : MSVOA_L
ClientSampleId : BPS1-DUP02

Tgt Ion:117 Resp: 2074596

Ion	Ratio	Lower	Upper
117	100		
82	64.6	49.4	74.0
119	32.4	24.9	37.3

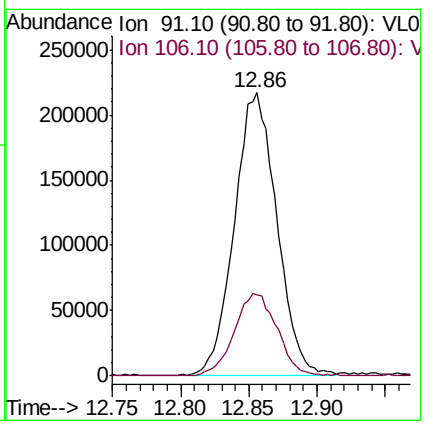


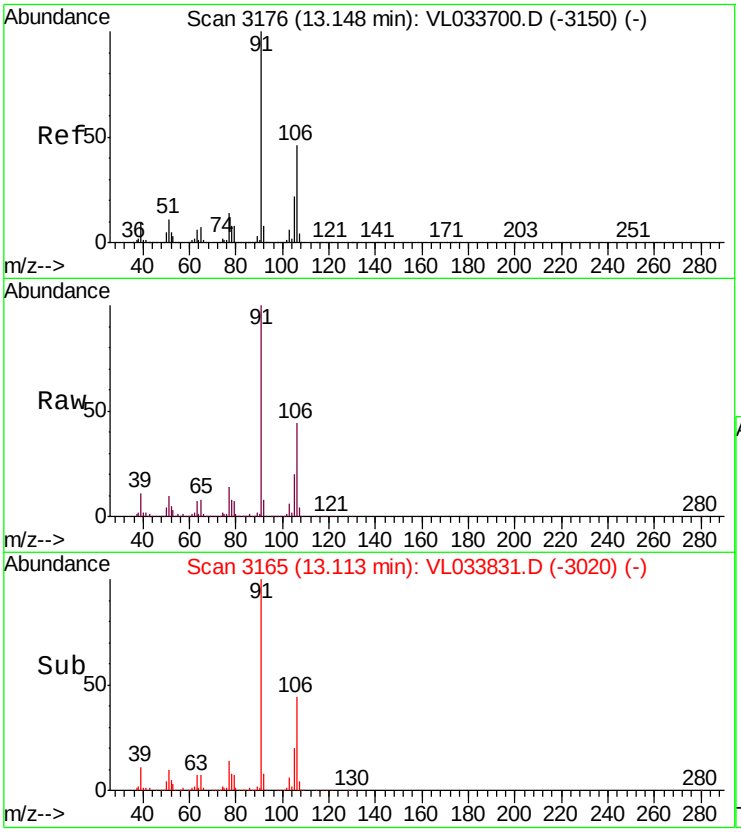


#58
Ethyl Benzene
Concen: 1.694 ppbv
RT: 12.86 min Scan# 3085
Delta R.T. -0.01 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Tgt Ion: 91 Resp: 465338

Ion	Ratio	Lower	Upper
91	100		
106	28.6	23.9	35.9



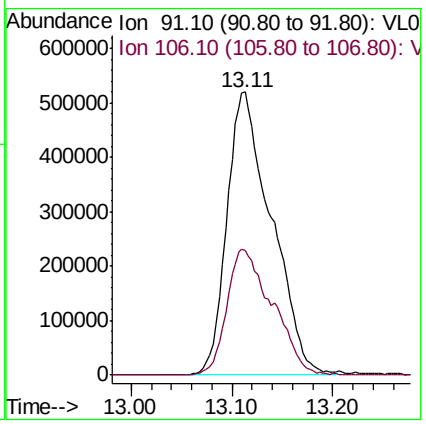


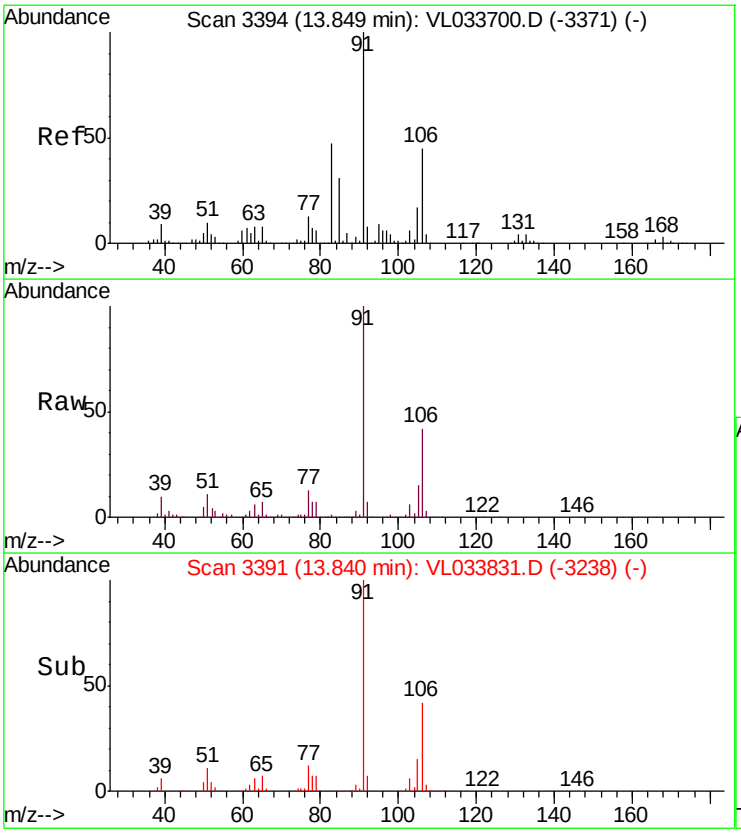
#59
m/p-Xylene
Concen: 6.625 ppbv
RT: 13.11 min Scan# 3165
Delta R.T. -0.04 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Instrument : MSVOA_L
ClientSampleId : BPS1-DUP02

Tgt Ion: 91 Resp: 1591000

Ion	Ratio	Lower	Upper
91	100		
106	46.1	35.8	53.6

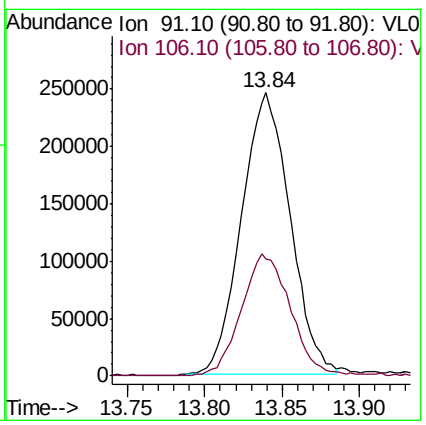


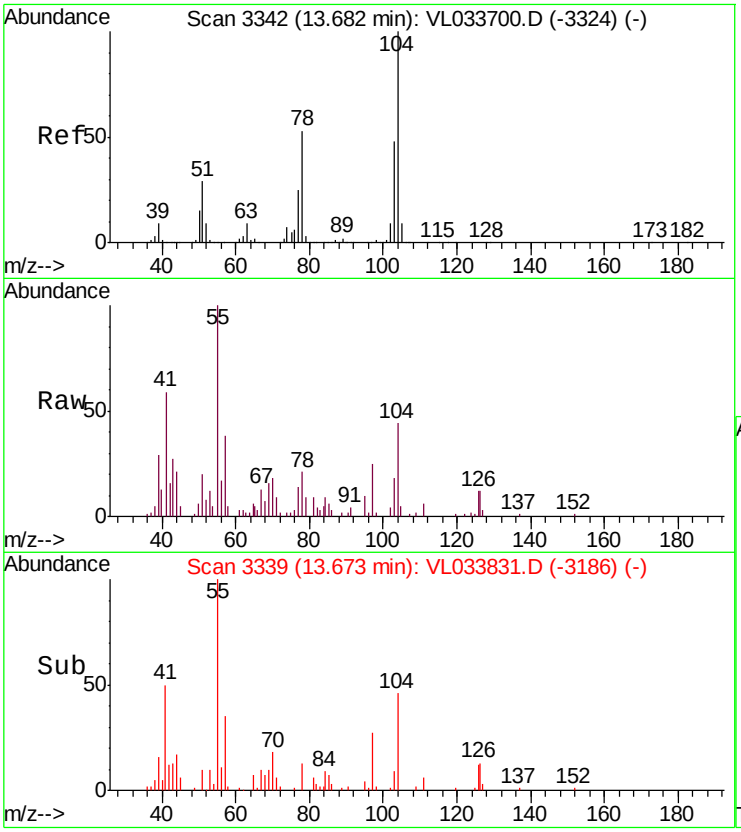


#60
o-Xylene
Concen: 2.233 ppbv
RT: 13.84 min Scan# 3391
Delta R.T. -0.01 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Tgt Ion: 91 Resp: 540533

Ion	Ratio	Lower	Upper
91	100		
106	44.0	21.6	64.8



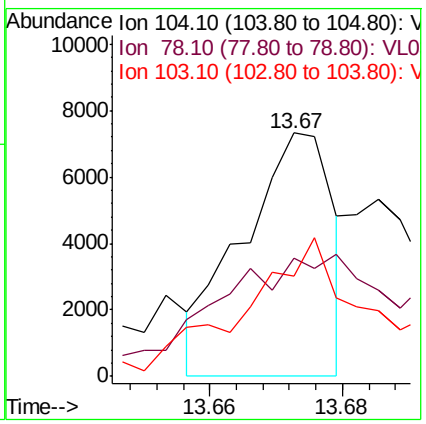


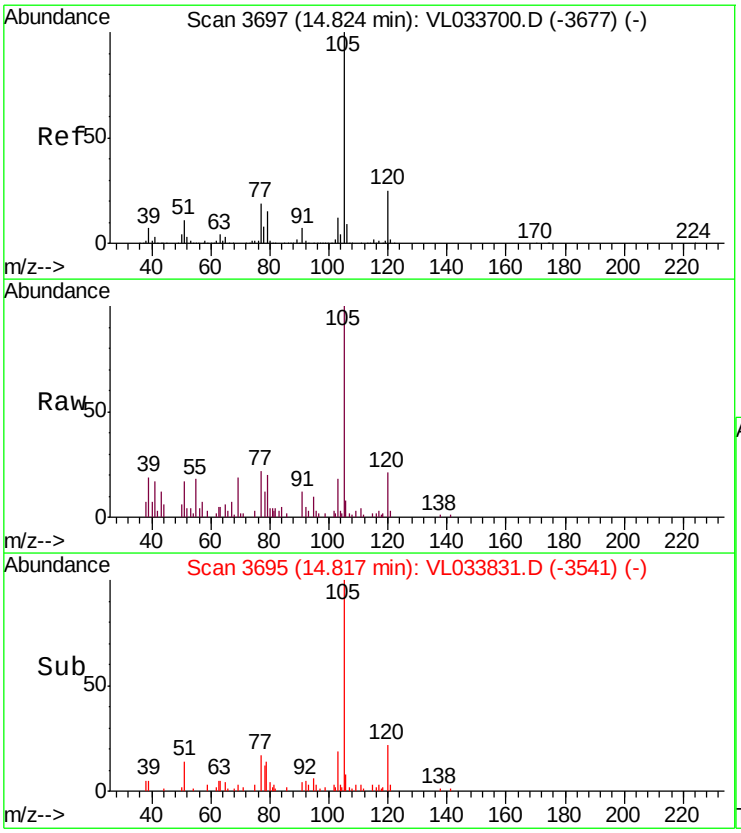
#61
Styrene
Concen: 0.043 ppbv
RT: 13.67 min Scan# 3339
Delta R.T. -0.01 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Instrument : MSVOA_L
ClientSampleId : BPS1-DUP02

Tgt Ion:104 Resp: 6961

Ion	Ratio	Lower	Upper
104	100		
78	124.9	42.6	64.0#
103	99.2	37.8	56.6#

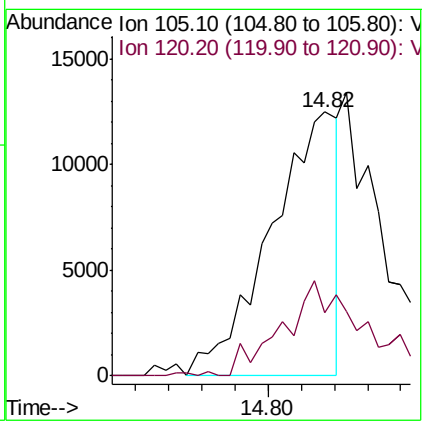


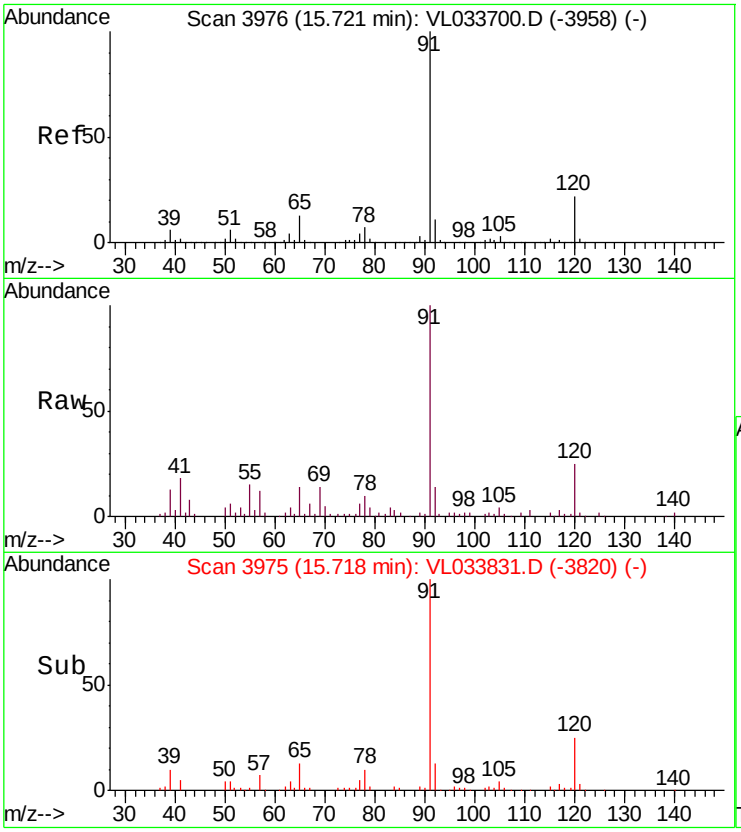


#62
Isopropylbenzene
Concen: 0.054 ppbv
RT: 14.82 min Scan# 3695
Delta R.T. -0.01 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Tgt Ion:105 Resp: 17592

Ion	Ratio	Lower	Upper
105	100		
120	45.1	20.1	30.1#



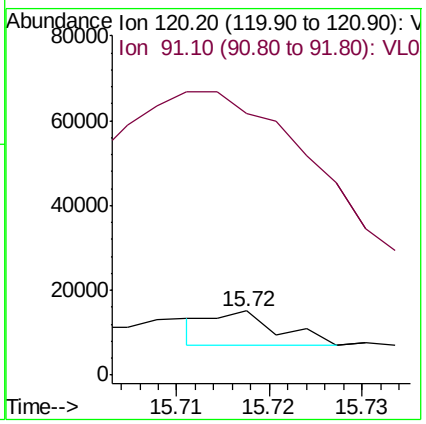


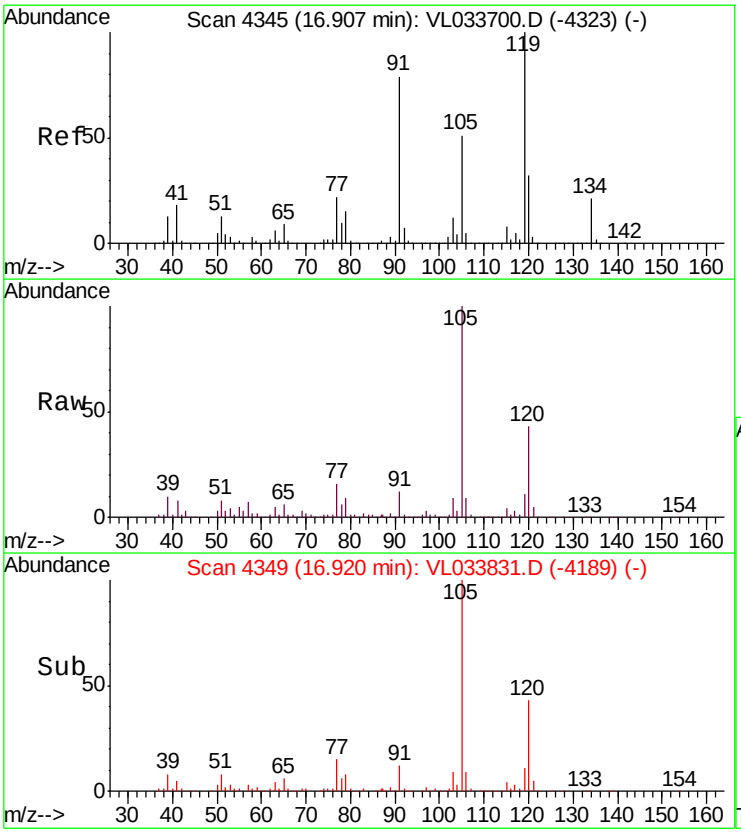
#64
n-propylbenzene
Concen: 0.048 ppbv
RT: 15.72 min Scan# 3975
Delta R.T. -0.00 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Instrument :
MSVOA_L
ClientSampleId :
BPS1-DUP02

Tgt Ion:120 Resp: 4027

Ion	Ratio	Lower	Upper
120	100		
91	4037.0	379.1	568.7#

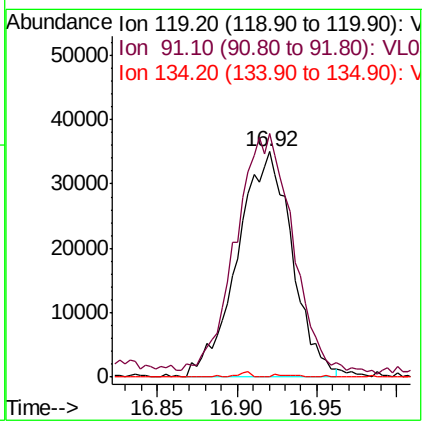


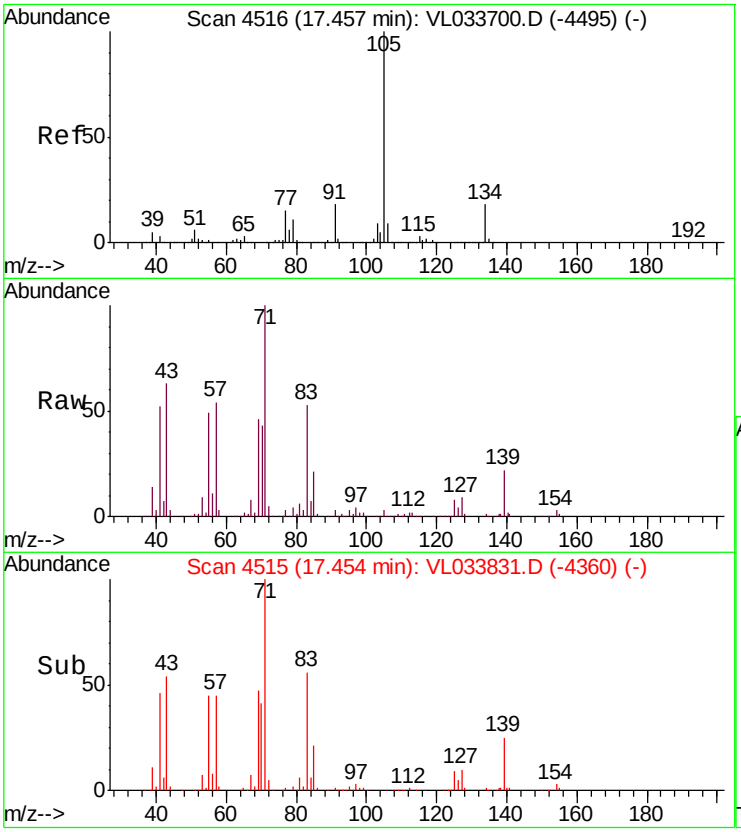


#65
tert-Butylbenzene
Concen: 0.276 ppbv
RT: 16.92 min Scan# 4349
Delta R.T. 0.01 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Tgt Ion:119 Resp: 82068

Ion	Ratio	Lower	Upper
119	100		
91	112.9	65.3	97.9#
134	0.6	15.7	23.5#



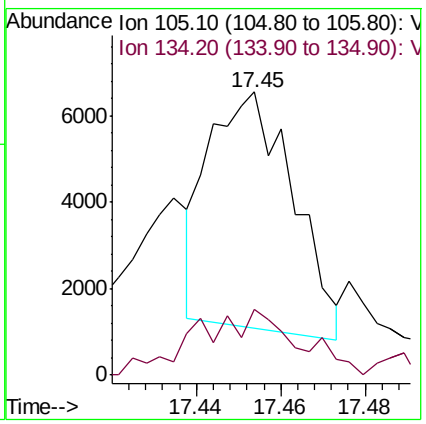


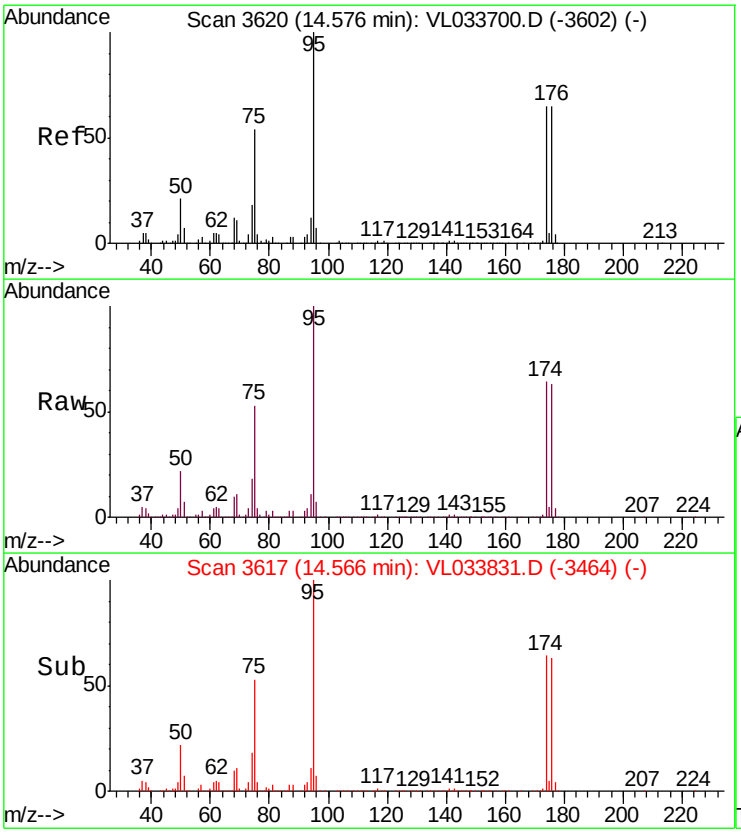
#67
sec-Butylbenzene
Concen: 0.018 ppbv
RT: 17.45 min Scan# 4515
Delta R.T. -0.00 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Instrument :
MSVOA_L
ClientSampleId :
BPS1-DUP02

Tgt Ion:105 Resp: 7547

Ion	Ratio	Lower	Upper
105	100		
134	40.0	14.6	22.0#

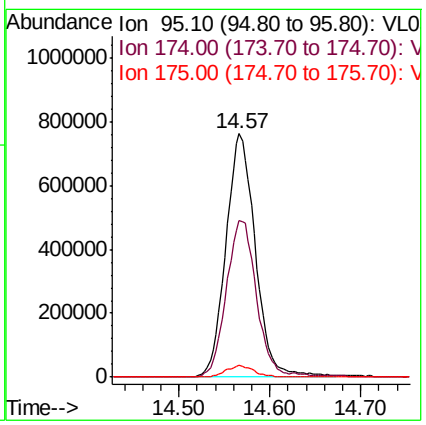


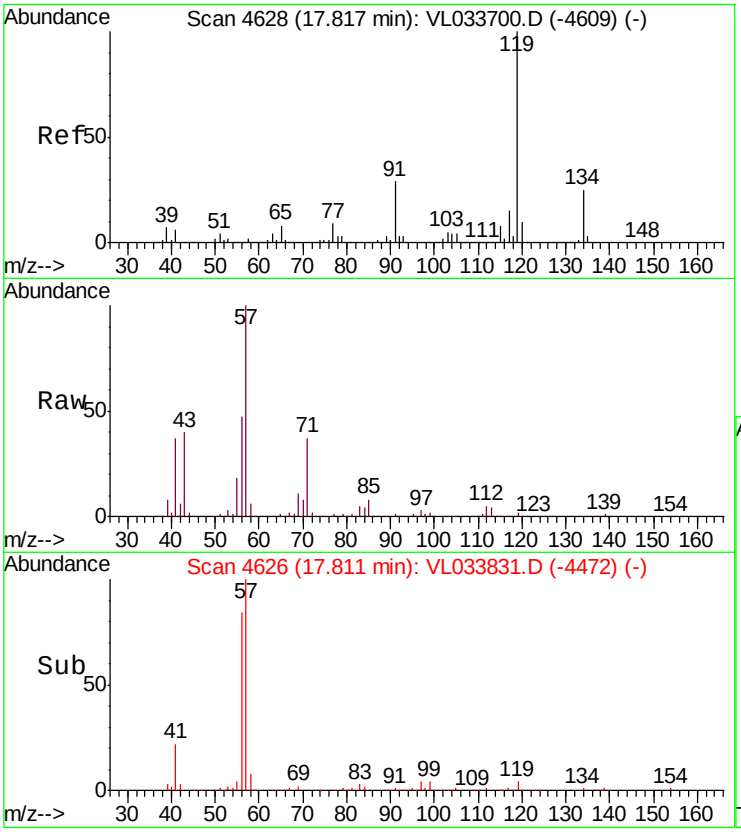


#68
1-Bromo-4-Fluorobenzene
Concen: 10.180 ppbv
RT: 14.57 min Scan# 3617
Delta R.T. -0.01 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Tgt Ion: 95 Resp: 1712029

Ion	Ratio	Lower	Upper
95	100		
174	67.1	53.9	80.9
175	4.7	3.8	5.8



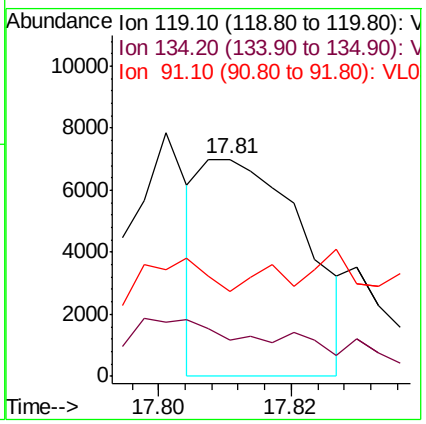


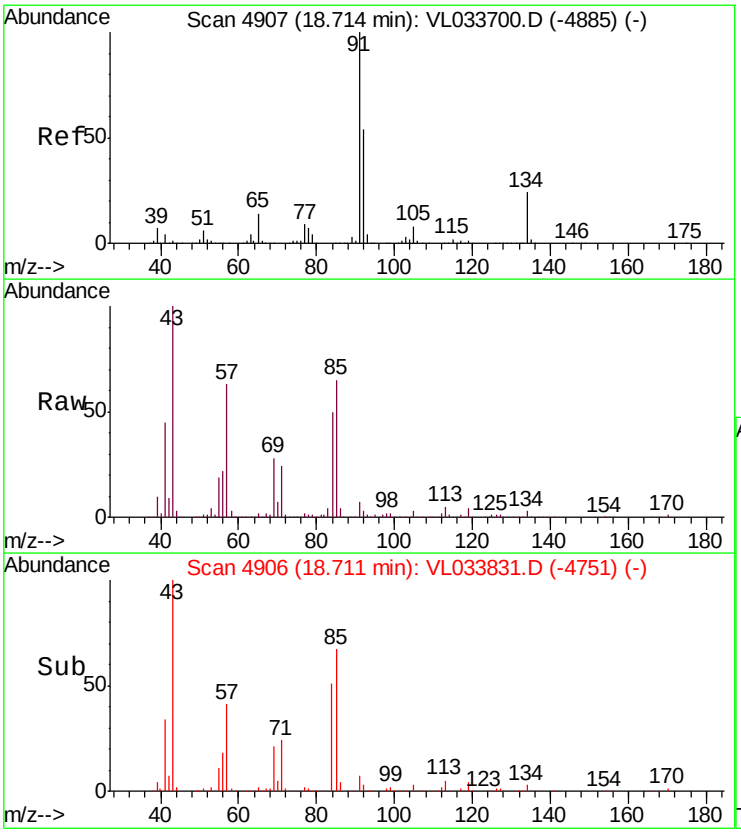
#69
p-Isopropyltoluene
Concen: 0.022 ppbv
RT: 17.81 min Scan# 4626
Delta R.T. -0.01 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Instrument : MSVOA_L
ClientSampleId : BPS1-DUP02

Tgt Ion:119 Resp: 7579

Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.3	30.5#
91	0.0	23.1	34.7#

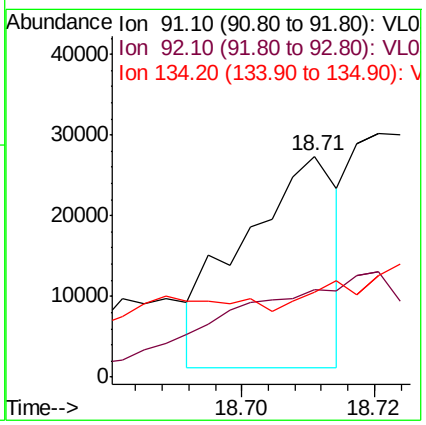


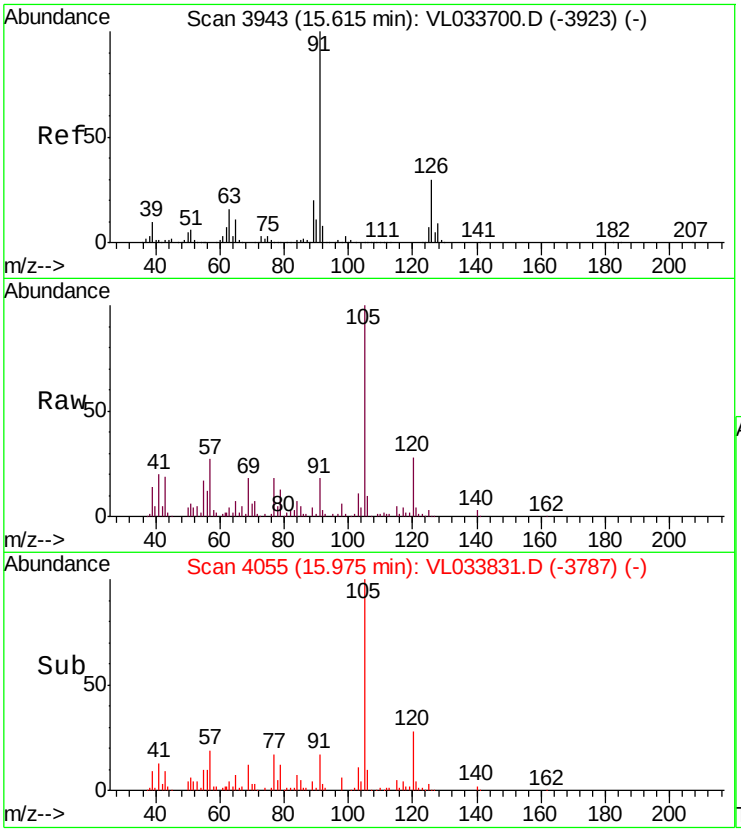


#70
n-Butylbenzene
Concen: 0.070 ppbv
RT: 18.71 min Scan# 4906
Delta R.T. -0.00 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Tgt Ion: 91 Resp: 26020

Ion	Ratio	Lower	Upper
91	100		
92	0.0	42.6	63.8#
134	0.0	18.1	27.1#



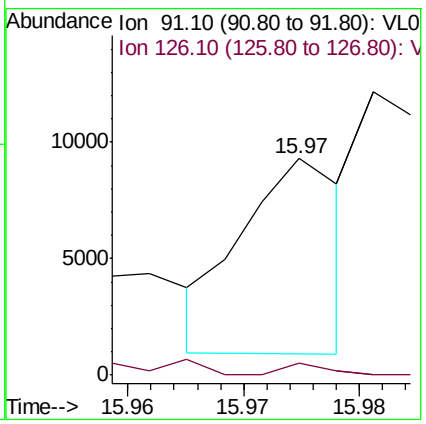


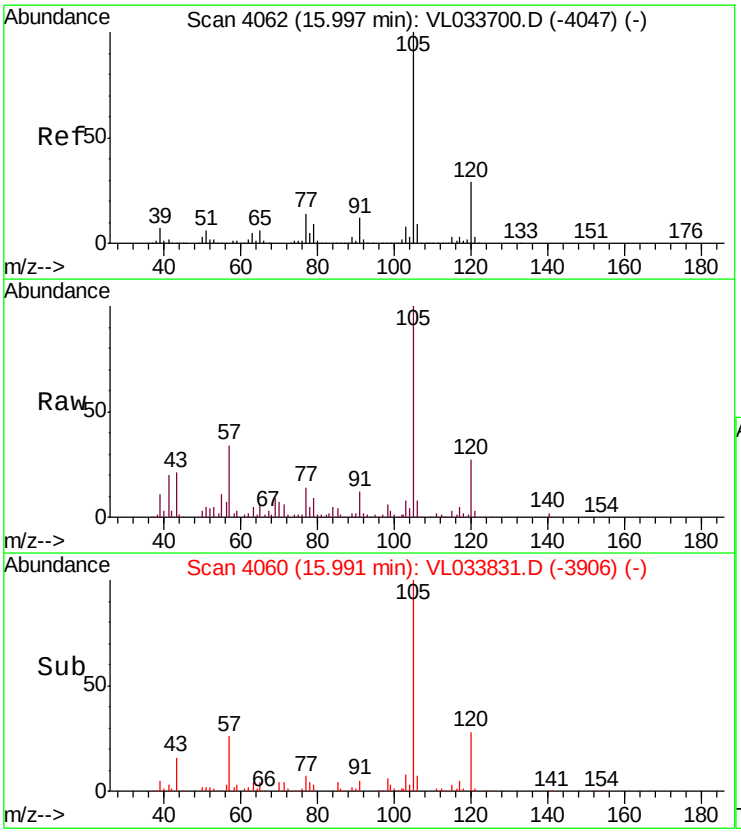
#71
2-Chlorotoluene
Concen: 0.021 ppbv
RT: 15.97 min Scan# 4055
Delta R.T. 0.36 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Instrument :
MSVOA_L
ClientSampleId :
BPS1-DUP02

Tgt Ion: 91 Resp: 5061

Ion	Ratio	Lower	Upper
91	100		
126	43.2	12.0	47.8

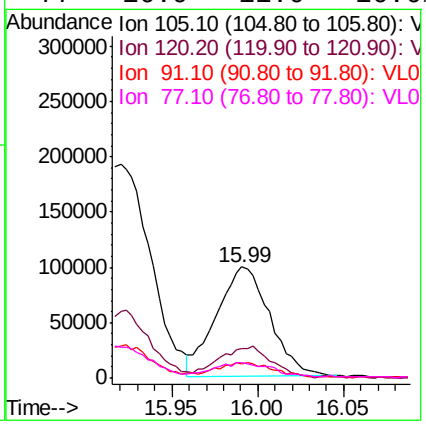


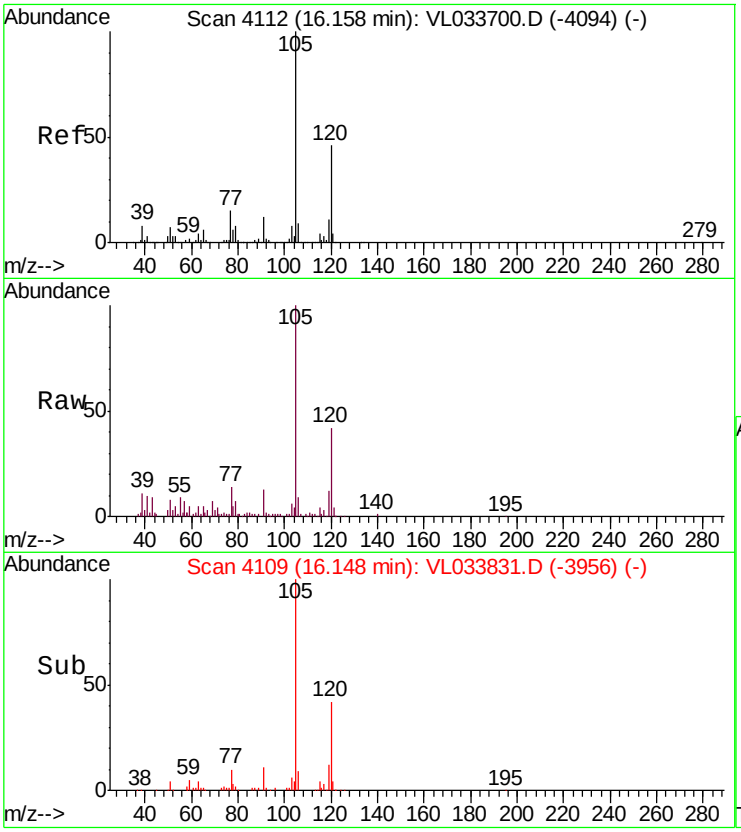


#72
4-Ethyltoluene
Concen: 0.776 ppbv
RT: 15.99 min Scan# 4060
Delta R.T. -0.01 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Tgt Ion:105 Resp: 214738

Ion	Ratio	Lower	Upper
105	100		
120	29.4	23.1	34.7
91	14.5	10.4	15.6
77	16.9	11.0	16.6#



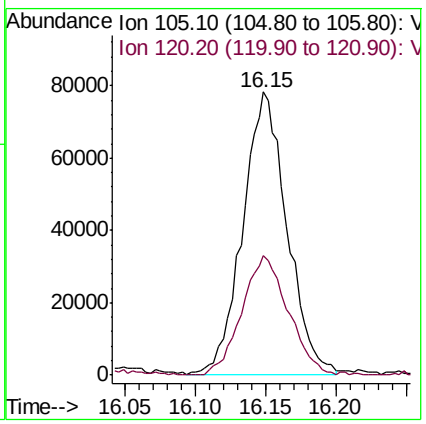


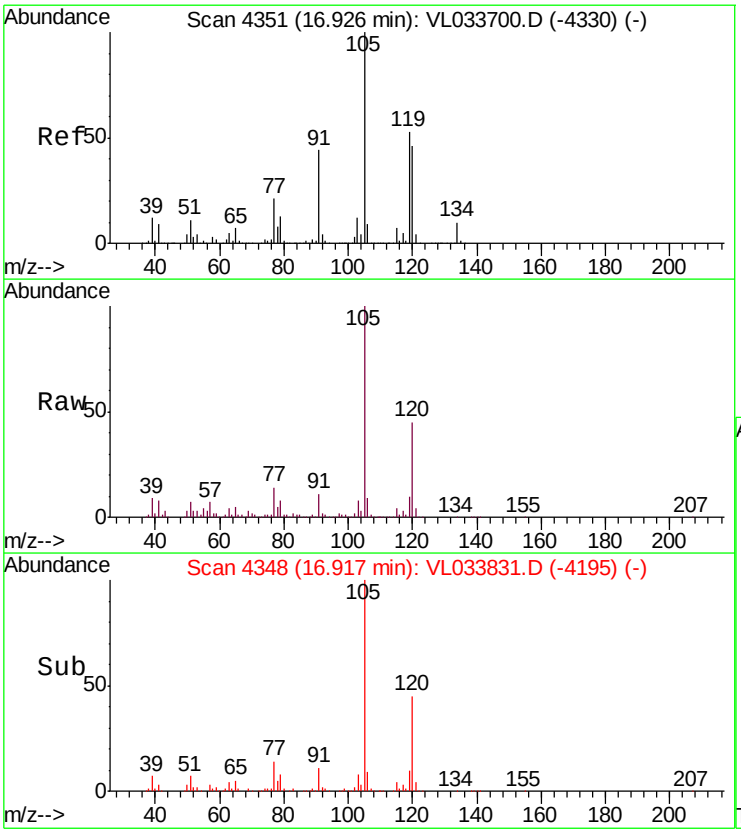
#73
1,3,5-Trimethylbenzene
Concen: 0.637 ppbv
RT: 16.15 min Scan# 4109
Delta R.T. -0.01 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Instrument :
MSVOA_L
ClientSampleId :
BPS1-DUP02

Tgt Ion:105 Resp: 172081

Ion	Ratio	Lower	Upper
105	100		
120	42.1	37.0	55.4

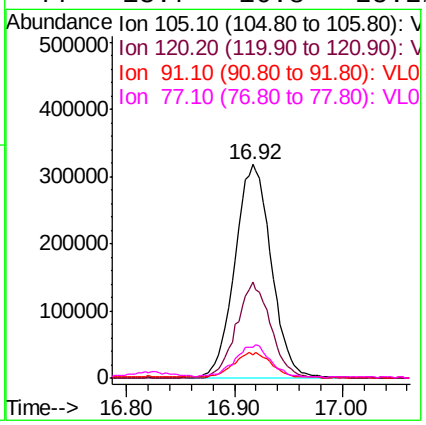


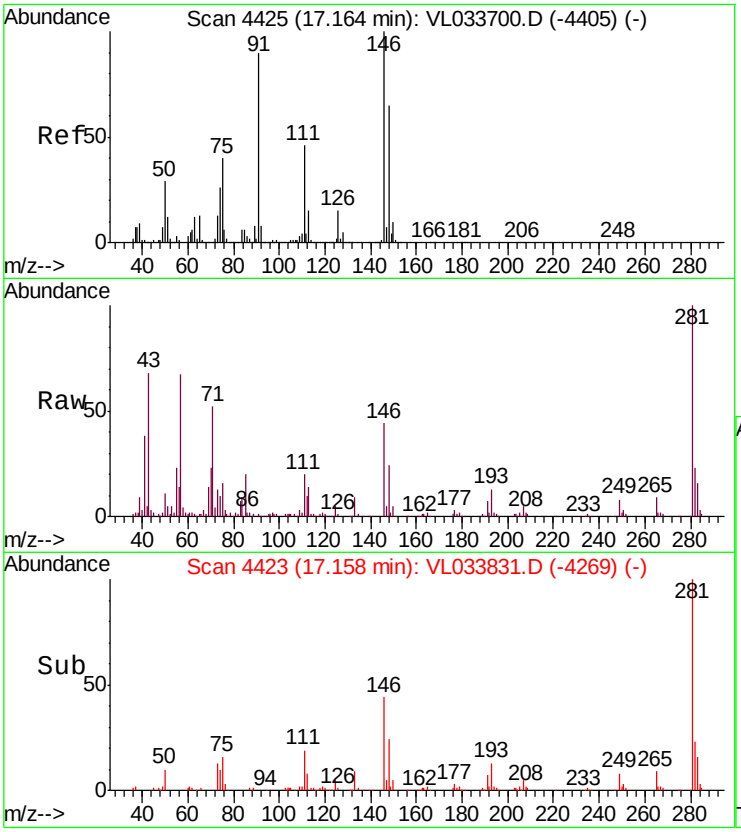


#74
1,2,4-Trimethylbenzene
Concen: 2.542 ppbv
RT: 16.92 min Scan# 4348
Delta R.T. -0.01 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Tgt Ion:105 Resp: 747241

Ion	Ratio	Lower	Upper
105	100		
120	45.0	36.8	55.2
91	10.5	35.4	53.0#
77	13.7	16.8	25.2#



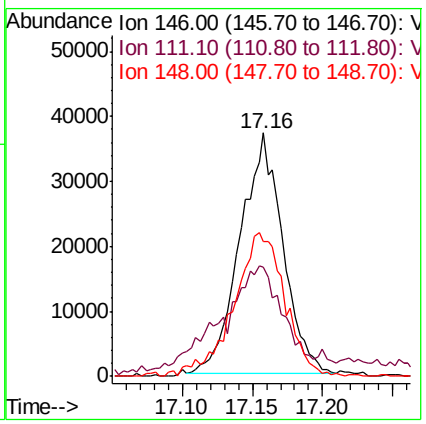


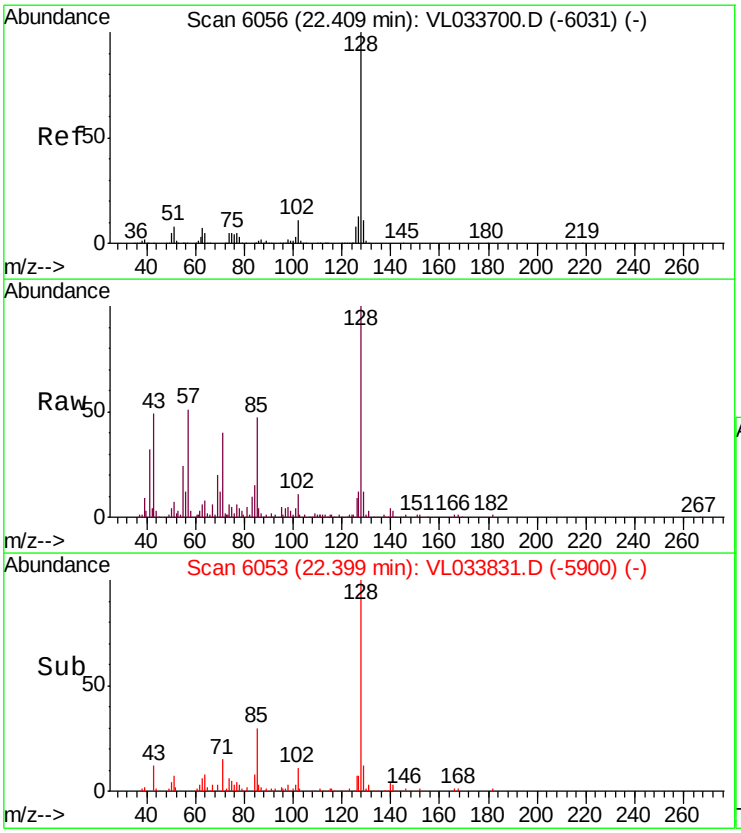
#75
1,3-Dichlorobenzene
Concen: 0.434 ppbv
RT: 17.16 min Scan# 4423
Delta R.T. -0.01 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Instrument : MSVOA_L
ClientSampleId : BPS1-DUP02

Tgt Ion:146 Resp: 78087

Ion	Ratio	Lower	Upper
146	100		
111	74.4	22.9	68.8#
148	72.0	32.0	96.2

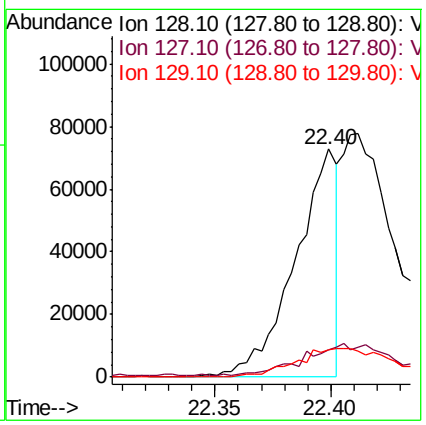


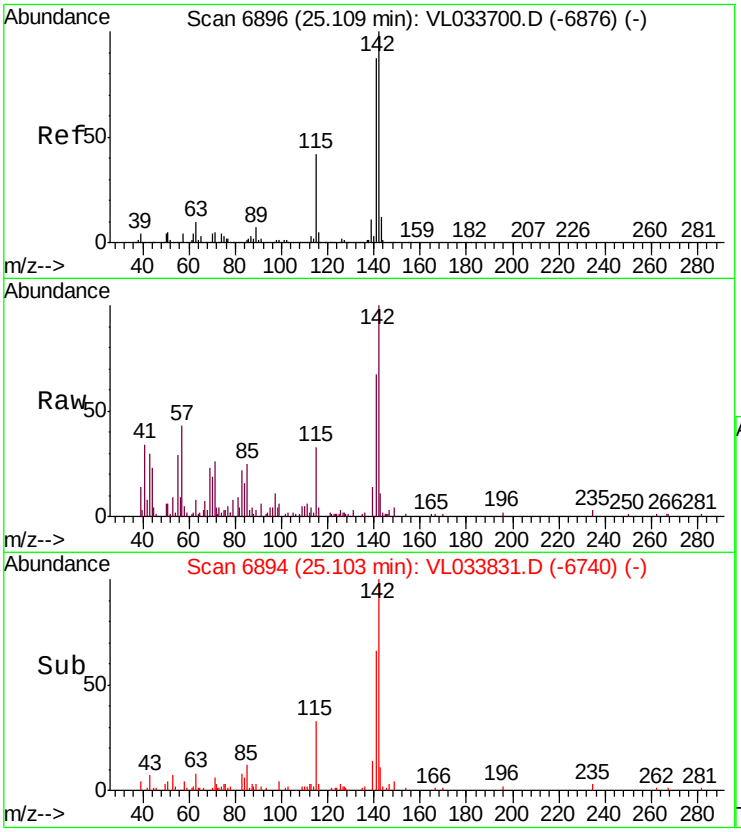


#79
Naphthalene
Concen: 0.337 ppbv
RT: 22.40 min Scan# 6053
Delta R.T. -0.01 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Tgt Ion:128 Resp: 91898

Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.6	16.0
129	12.8	8.9	13.3





#80
Naphthalene,2-methyl-
Concen: 0.263 ppbv
RT: 25.10 min Scan# 6894
Delta R.T. -0.01 min
Lab File: VL033831.D
Acq: 29 May 2019 10:09

Instrument :
MSVOA_L
ClientSampleId :
BPS1-DUP02

Tgt Ion:142 Resp: 27308

Ion	Ratio	Lower	Upper
142	100		
141	89.1	67.2	100.8
115	43.1	34.1	51.1