Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121718\
Data File : VL033001.D
Acq On : 17 Dec 2018 18:34
Operator : SY/AP
Sample : J6382-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Dec 18 01:15:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Dec 07 09:35:17 2018
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.77	49	1028247	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.30	114	2413148	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.25	117	2816018	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.59	95	2069164	9.95	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	89814	0.654	ppbv		100
3) Chlorodifluoromethane	2.99	51	381405	4.898	ppbv	#	59
4) Chloromethane	3.17	50	55498	1.224	ppbv		94
9) Propene	3.24	41	1284505	41.716	ppbv		91
10) Heptane	8.26	43	358317	3.098	ppbv		97
11) Trichlorofluoromethane	4.01	101	50540	0.391	ppbv		86
12) 1,1,2-Trichlorotrifluoroet	4.56	101	6786	0.062	ppbv		90
13) Ethanol	3.67	45	3040955	286.831	ppbv		96
15) Acetone	3.90	43	1566524	17.749	ppbv	#	79
16) 1,3-Butadiene	3.35	39	191715	5.475	ppbv	#	20
17) tert-Butyl alcohol	4.39	59	13703	0.610	ppbv	#	98
19) Isopropyl Alcohol	4.05	45	353926	6.386	ppbv	#	1
20) Methylene Chloride	4.42	84	367780	8.526	ppbv		97
21) Allyl Chloride	4.44	41	254215	3.534	ppbv	#	56
22) trans-1,2-Dichloroethene	4.97	96	141340	2.635	ppbv		97
23) Vinyl Acetate	5.15	43	880574	5.893	ppbv	#	1
25) Ethyl Acetate	5.79	43	908751	4.359	ppbv	#	81
26) Hexane	5.79	57	1217244	12.646	ppbv	#	46
30) Cyclohexane	7.26	84	170437	2.136	ppbv		85
34) 2-Butanone	5.34	43	182436	1.736	ppbv		96
35) Carbon Tetrachloride	7.14	117	9925	0.052	ppbv	#	82
36) Benzene	7.01	78	1131782	6.377	ppbv		99
39) 1,2-Dichloropropane	7.30	63	592817	8.807	ppbv	#	21
41) Tetrahydrofuran	6.17	42	5414	0.083	ppbv	#	43
42) Bromodichloromethane	7.93	83	8408	0.050	ppbv	#	30
44) 2,2,4-Trimethylpentane	8.00	57	2537781	8.423	ppbv		95
50) 4-Methyl-2-Pentanone	8.89	43	22989	0.137	ppbv	#	39
51) 2-Hexanone	10.26	43	33637	0.295	ppbv	#	36
52) Tetrachloroethene	11.39	164	53128	0.823	ppbv		96
53) Toluene	9.96	91	9031964	47.980	ppbv		96
58) Ethyl Benzene	12.88	91	1212309	4.036	ppbv		97
59) m/p-Xylene	13.13	91	4077358	14.971	ppbv	#	100
60) o-Xylene	13.86	91	1268023	4.610	ppbv		99
61) Styrene	13.70	104	32487	0.178	ppbv		93
62) Isopropylbenzene	14.84	105	16891	0.044	ppbv	#	31
64) n-propylbenzene	15.73	120	53888	0.541	ppbv		91
65) tert-Butylbenzene	16.93	119	128158	0.360	ppbv	#	61
70) n-Butylbenzene	18.73	91	19185	0.049	ppbv	#	1
71) 2-Chlorotoluene	15.47	91	9050	0.032	ppbv		76
72) 4-Ethyltoluene	16.01	105	421389	1.372	ppbv		98
73) 1,3,5-Trimethylbenzene	16.17	105	243026	0.811	ppbv		99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121718\
Data File : VL033001.D
Acq On : 17 Dec 2018 18:34
Operator : SY/AP
Sample : J6382-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Dec 18 01:15:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Dec 07 09:35:17 2018
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
74) 1,2,4-Trimethylbenzene	16.93	105	1172688	3.465	ppbv	#	70
79) Naphthalene	22.43	128	21305	0.097	ppbv		98
80) Naphthalene,2-methyl-	25.13	142	3041	0.065	ppbv	#	50

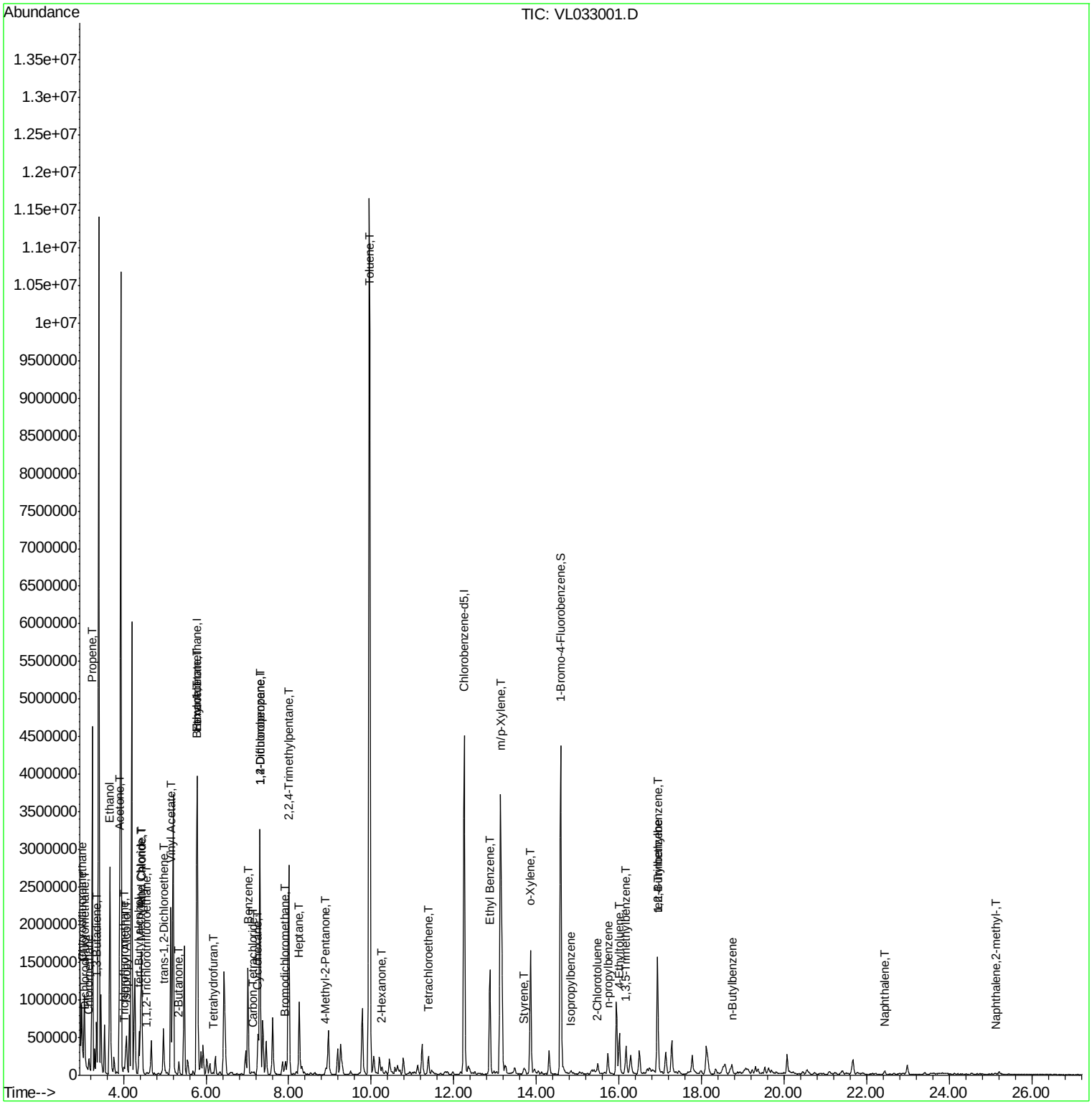
(#) = qualifier out of range (m) = manual integration (+) = signals summed

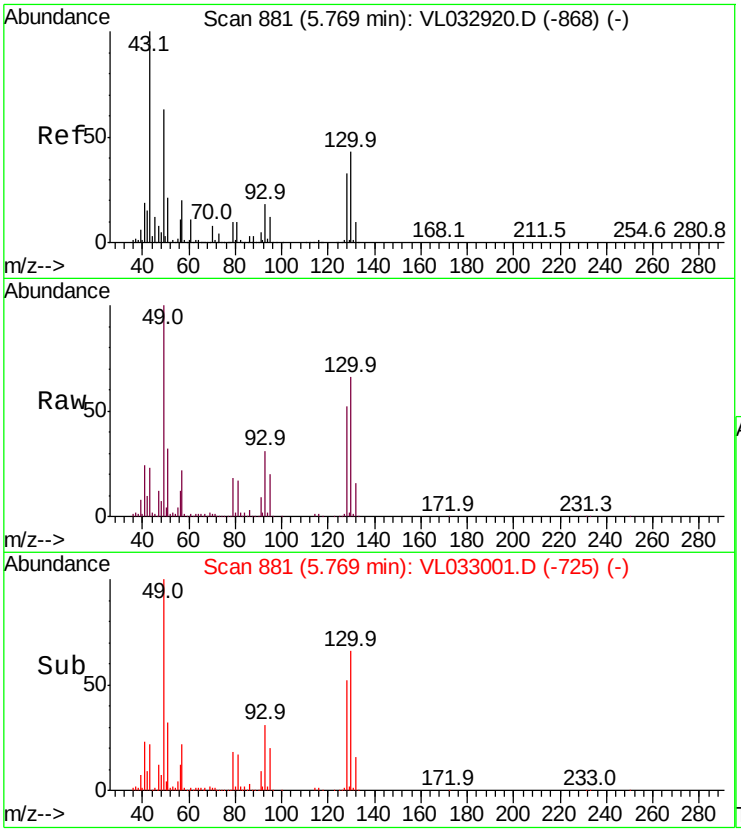
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121718\
Data File : VL033001.D
Acq On : 17 Dec 2018 18:34
Operator : SY/AP
Sample : J6382-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Dec 18 01:15:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Dec 07 09:35:17 2018
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration



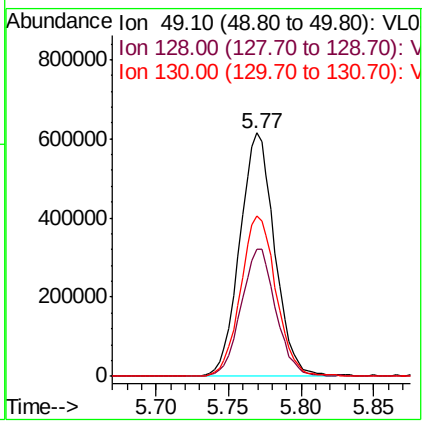


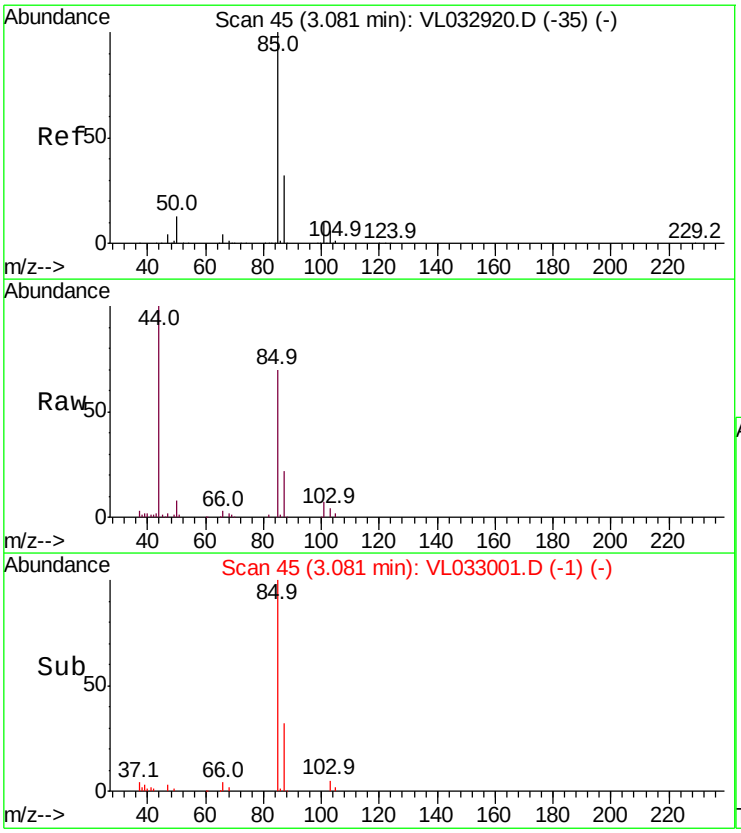
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 881
Delta R.T. 0.00 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1028247

Ion	Ratio	Lower	Upper
49	100		
128	52.5	26.3	78.8
130	67.2	33.9	101.7

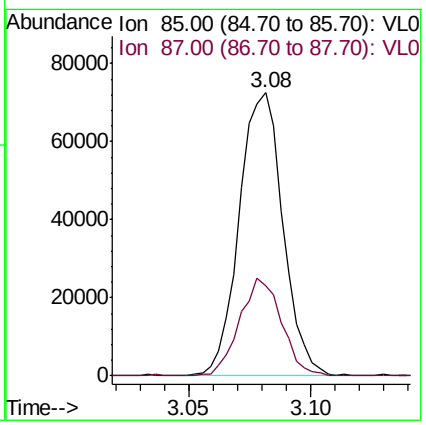


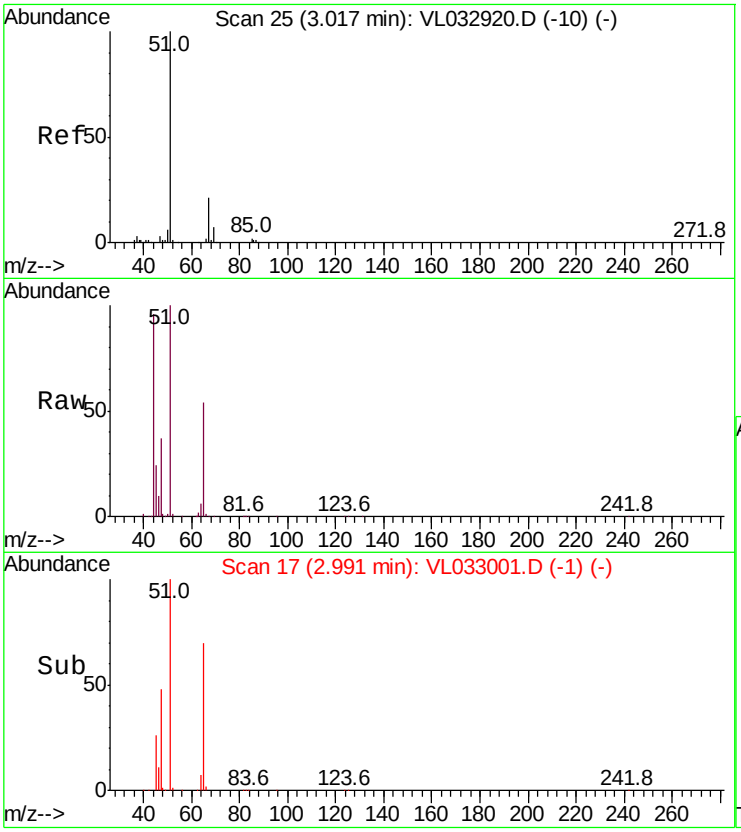


#2
Dichlorodifluoromethane
Concen: 0.654 ppbv
RT: 3.08 min Scan# 45
Delta R.T. 0.00 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Tgt Ion: 85 Resp: 89814

Ion	Ratio	Lower	Upper
85	100		
87	31.9	25.7	38.5



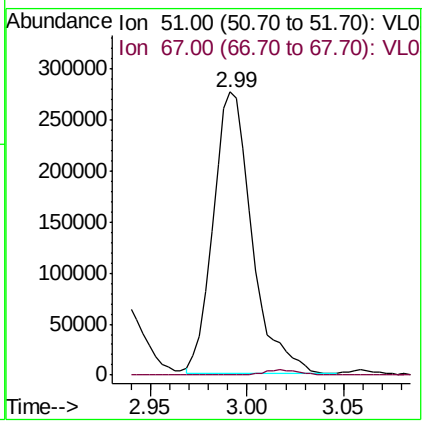


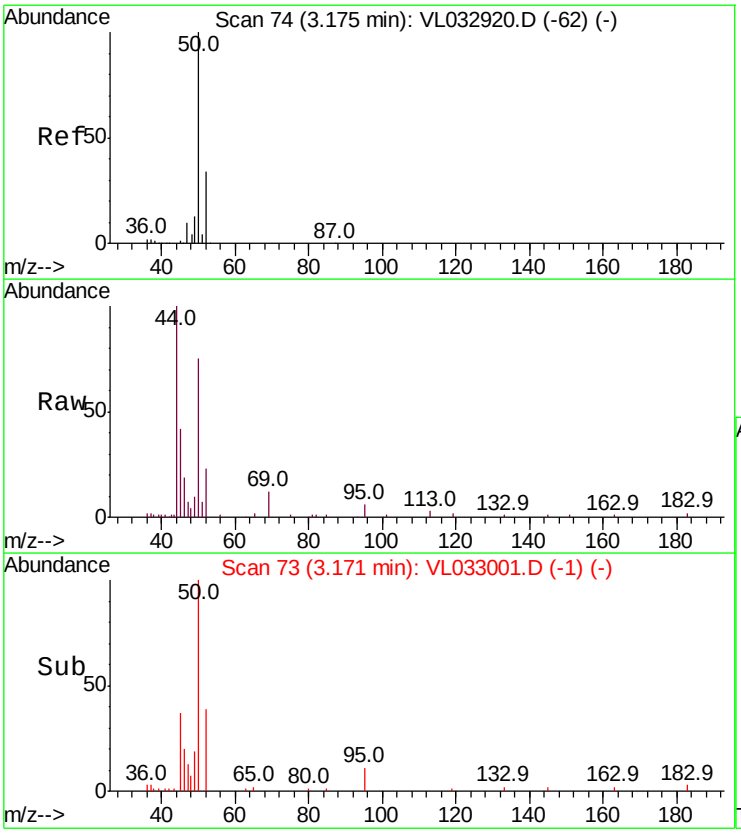
#3
Chlorodifluoromethane
Concen: 4.898 ppbv
RT: 2.99 min Scan# 17
Delta R.T. -0.03 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 381405

Ion	Ratio	Lower	Upper
51	100		
67	1.7	16.8	25.2#

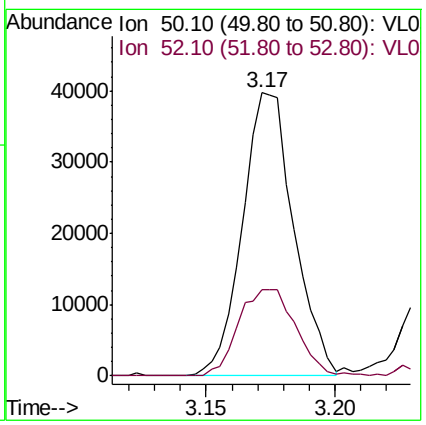


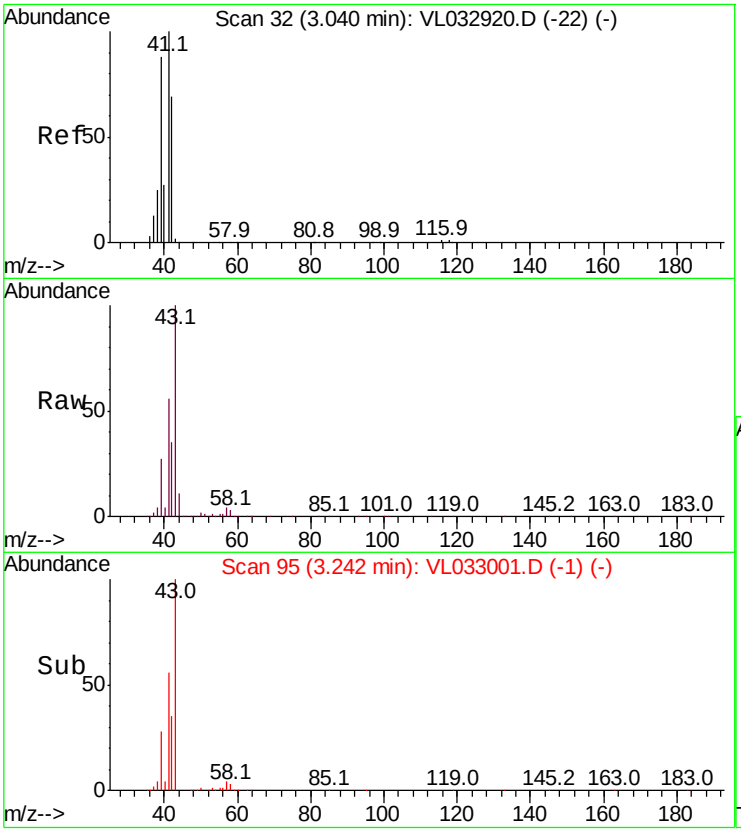


#4
Chloromethane
Concen: 1.224 ppbv
RT: 3.17 min Scan# 73
Delta R.T. -0.00 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Tgt Ion: 50 Resp: 55498

Ion	Ratio	Lower	Upper
50	100		
52	30.4	27.3	40.9



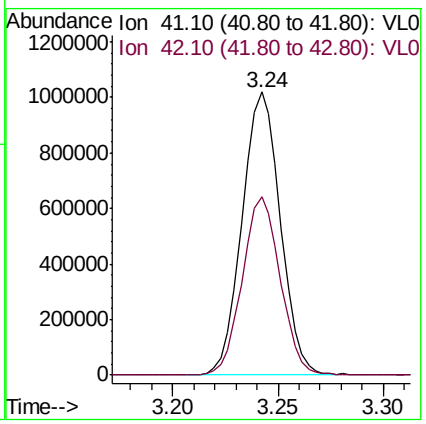


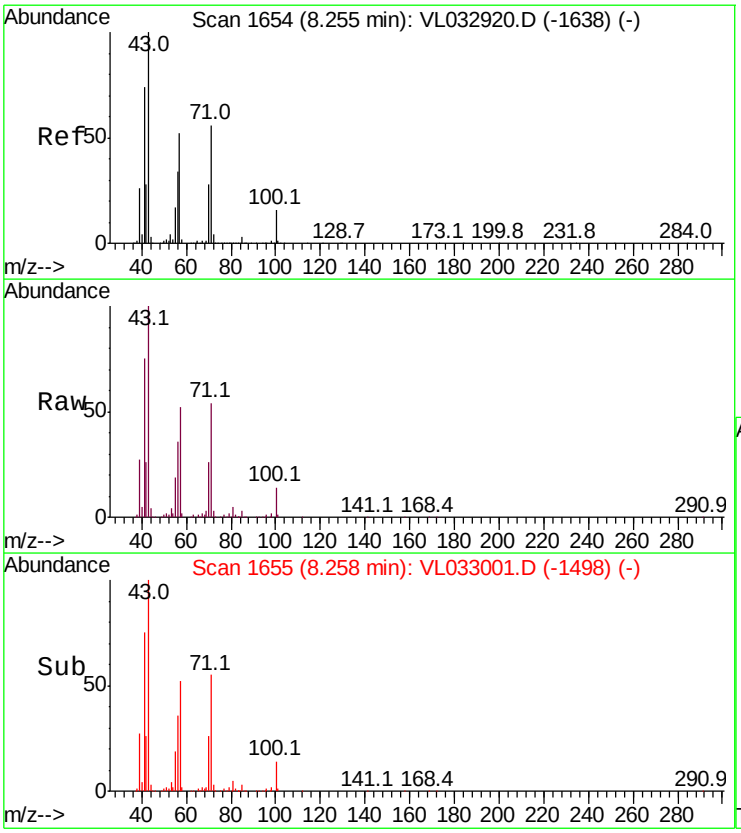
#9
Propene
Concen: 41.716 ppbv
RT: 3.24 min Scan# 95
Delta R.T. 0.20 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 1284505

Ion	Ratio	Lower	Upper
41	100		
42	62.5	56.2	84.2

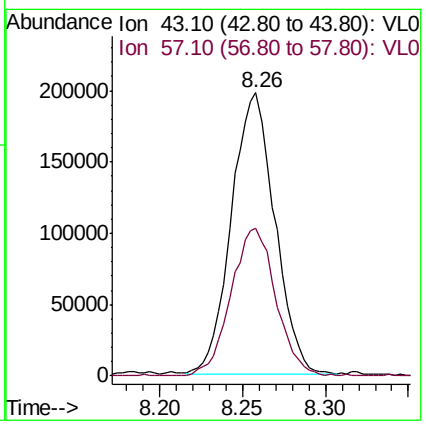


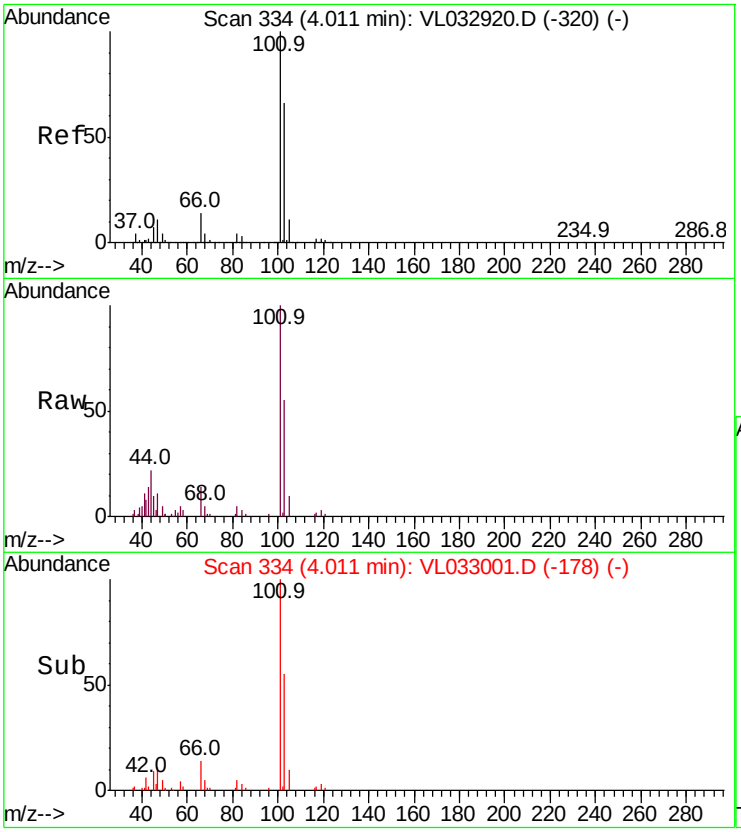


#10
Heptane
Concen: 3.098 ppbv
RT: 8.26 min Scan# 1655
Delta R.T. 0.00 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Tgt Ion: 43 Resp: 358317

Ion	Ratio	Lower	Upper
43	100		
57	54.5	41.8	62.6



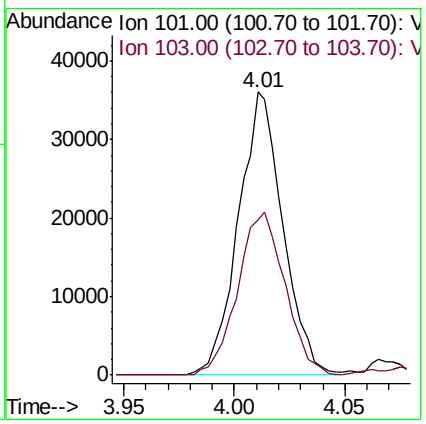


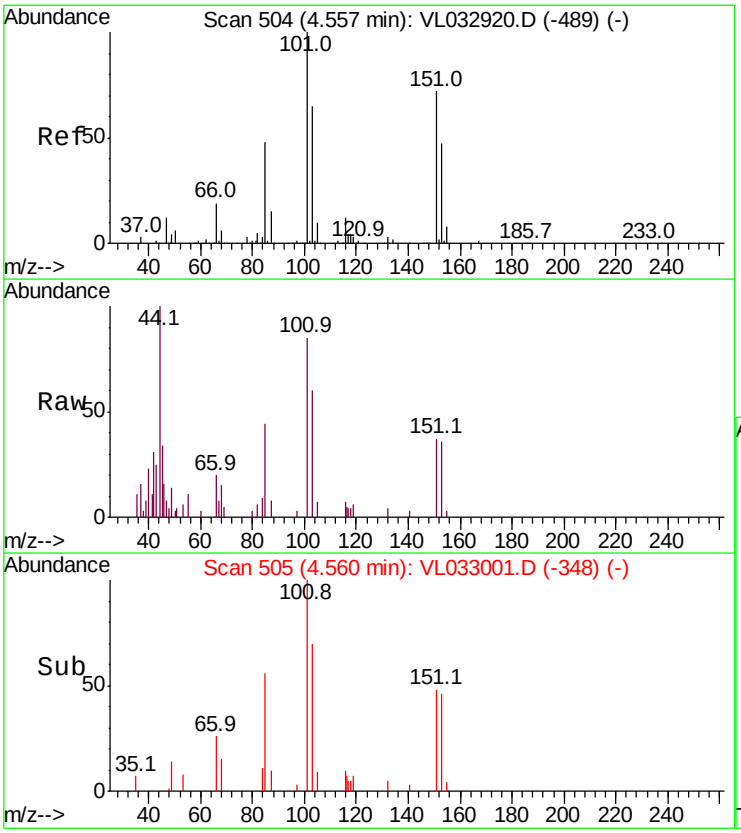
#11
Trichlorofluoromethane
Concen: 0.391 ppbv
RT: 4.01 min Scan# 334
Delta R.T. 0.00 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 50540

Ion	Ratio	Lower	Upper
101	100		
103	54.8	52.7	79.1

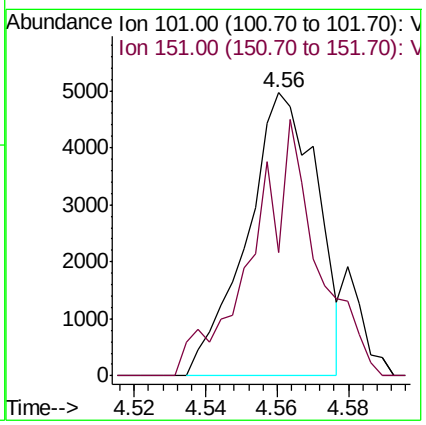


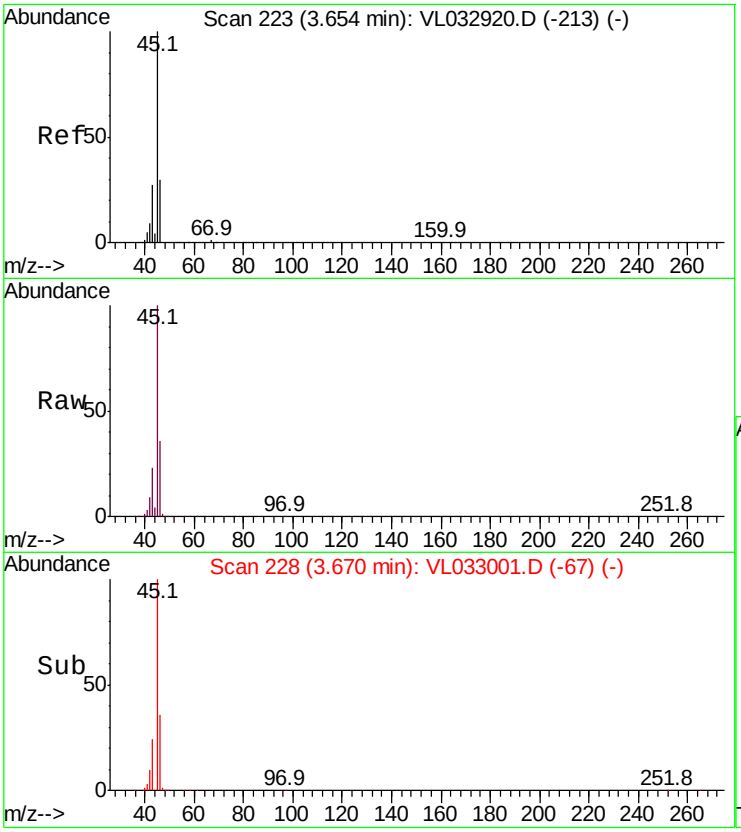


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.062 ppbv
RT: 4.56 min Scan# 505
Delta R.T. 0.00 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Tgt Ion:101 Resp: 6786

Ion	Ratio	Lower	Upper
101	100		
151	82.9	59.3	88.9



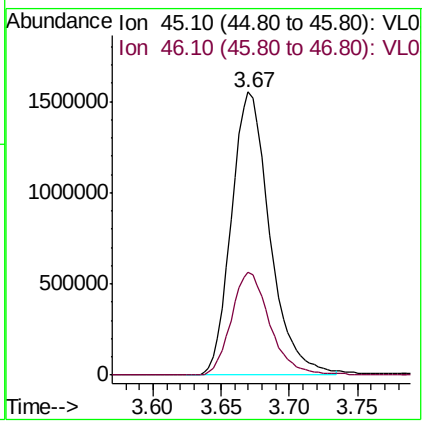


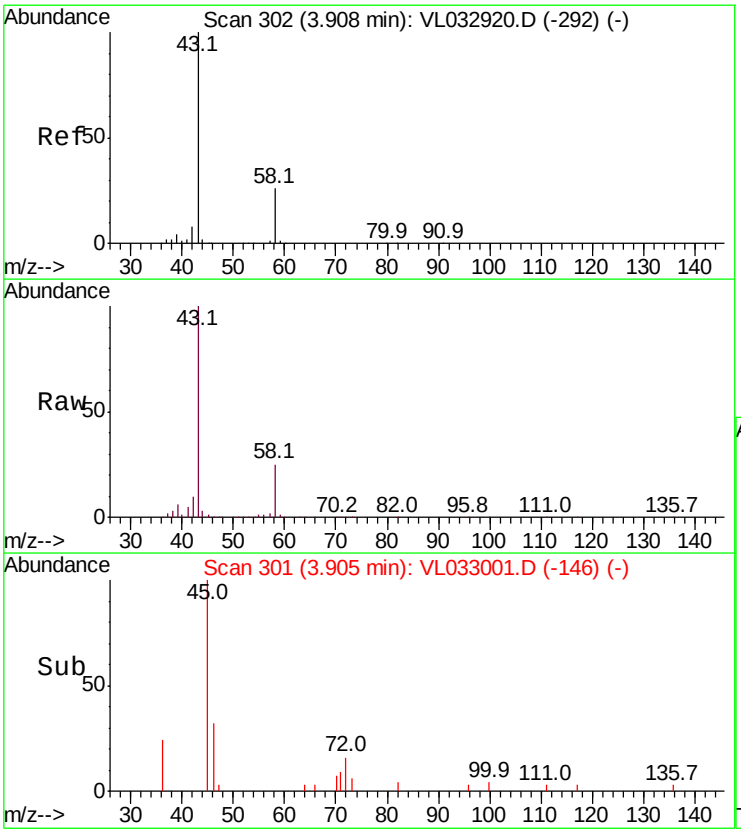
#13
Ethanol
Concen: 286.831 ppbv
RT: 3.67 min Scan# 228
Delta R.T. 0.02 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 3040955

Ion	Ratio	Lower	Upper
45	100		
46	37.0	13.8	55.4

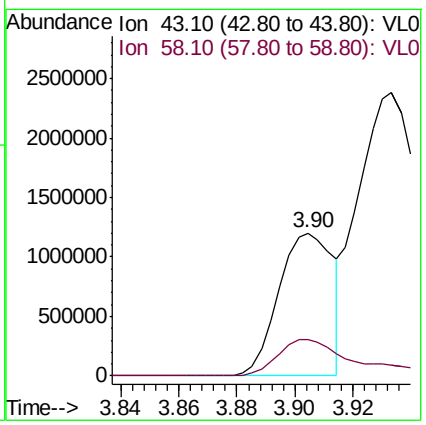


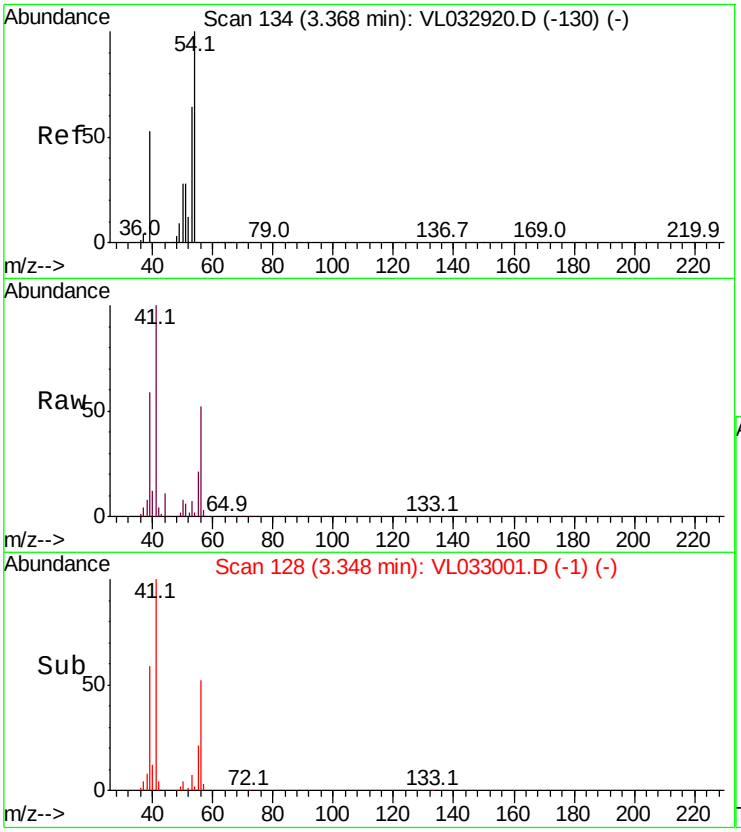


#15
Acetone
Concen: 17.749 ppbv
RT: 3.90 min Scan# 301
Delta R.T. -0.00 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Tgt Ion: 43 Resp: 1566524

Ion	Ratio	Lower	Upper
43	100		
58	36.5	20.6	30.8#



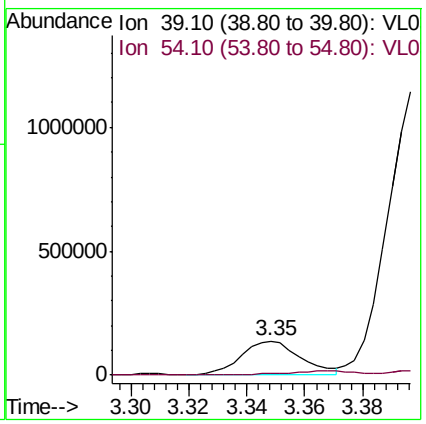


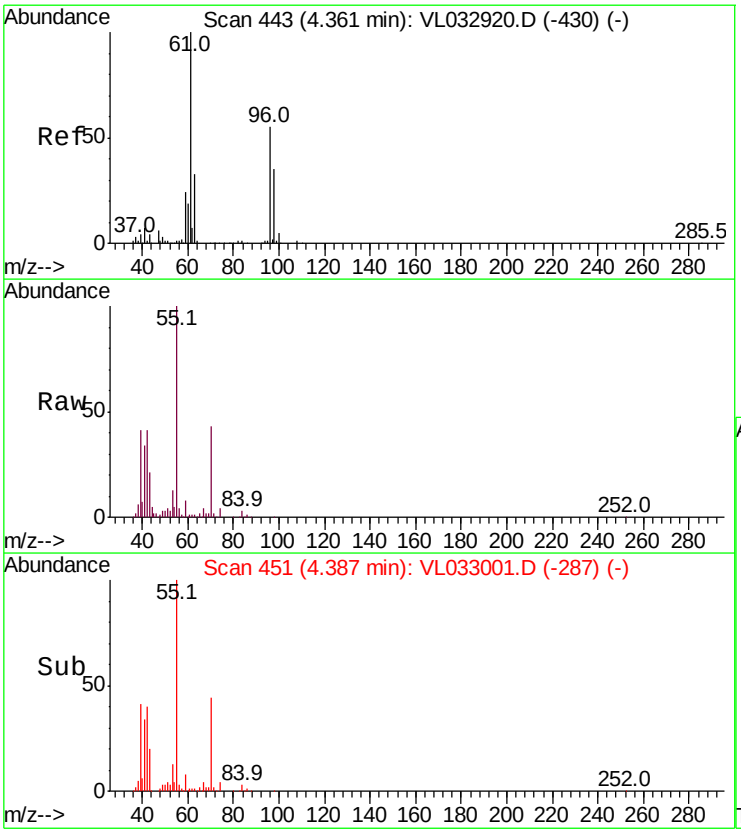
#16
1,3-Butadiene
Concen: 5.475 ppbv
RT: 3.35 min Scan# 128
Delta R.T. -0.02 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 39 Resp: 191715

Ion	Ratio	Lower	Upper
39	100		
54	15.4	72.7	109.1#

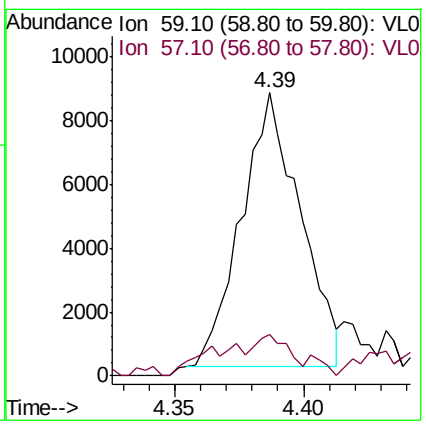


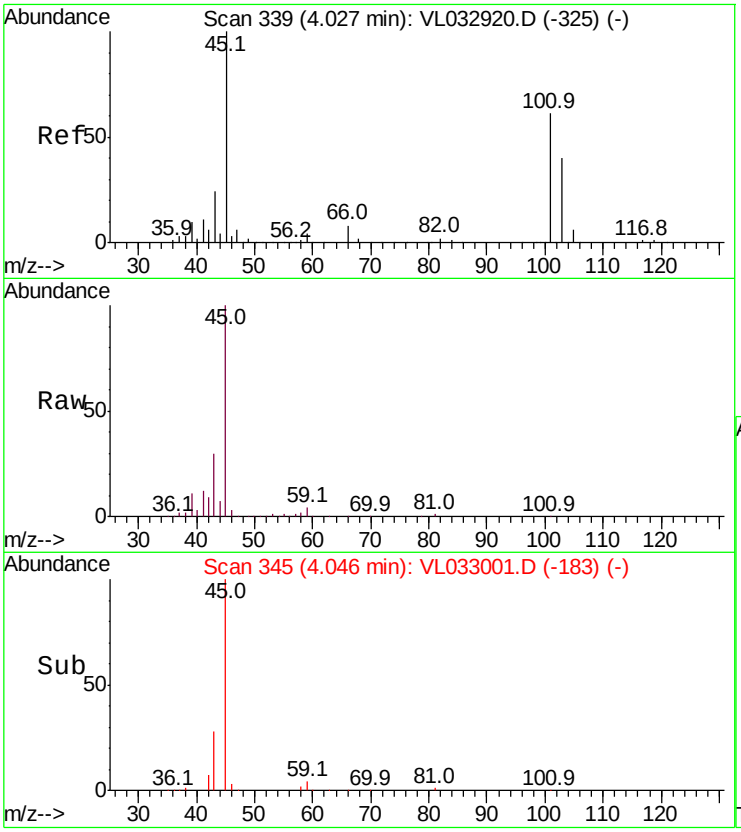


#17
tert-Butyl alcohol
Concen: 0.610 ppbv
RT: 4.39 min Scan# 451
Delta R.T. 0.03 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Tgt Ion: 59 Resp: 13703

Ion	Ratio	Lower	Upper
59	100		
57	0.0	0.6	1.0#



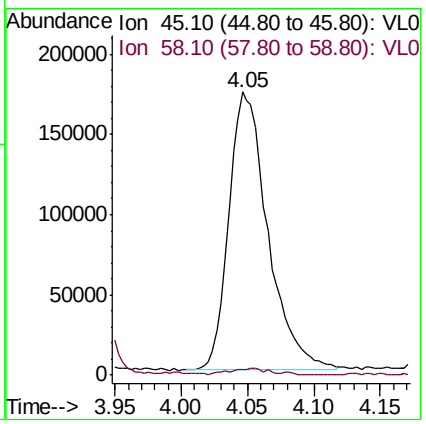


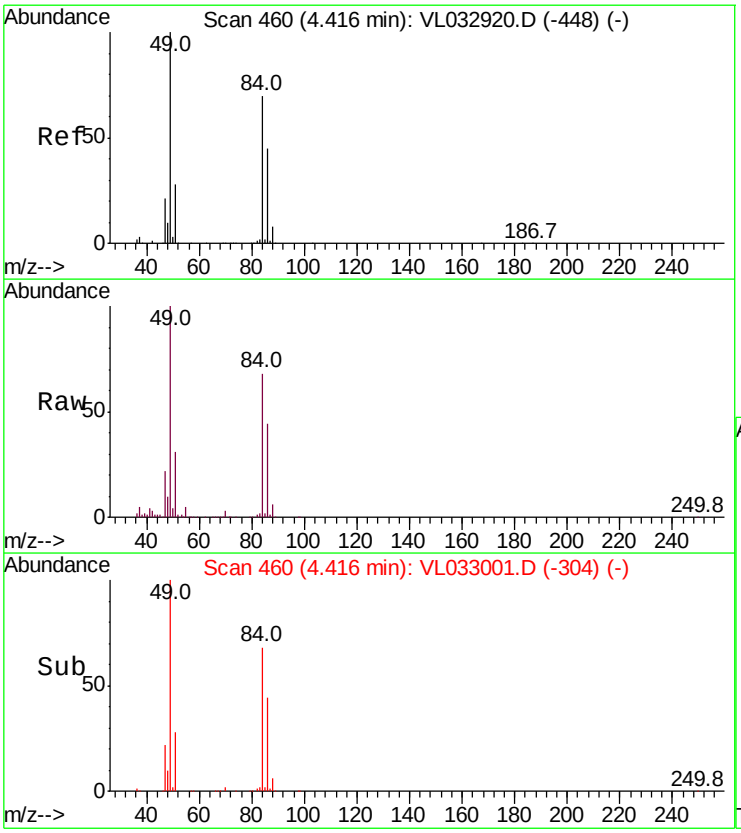
#19
Isopropyl Alcohol
Concen: 6.386 ppbv
RT: 4.05 min Scan# 345
Delta R.T. 0.02 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 353926

Ion	Ratio	Lower	Upper
45	100		
58	161.2	1.4	2.2#

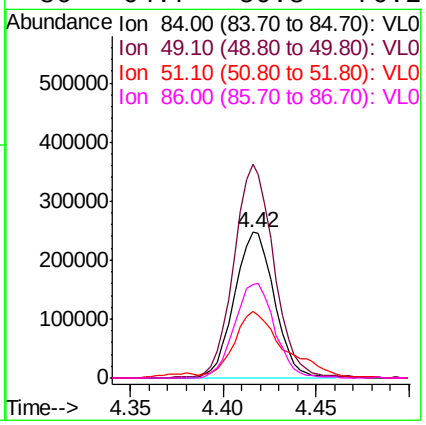


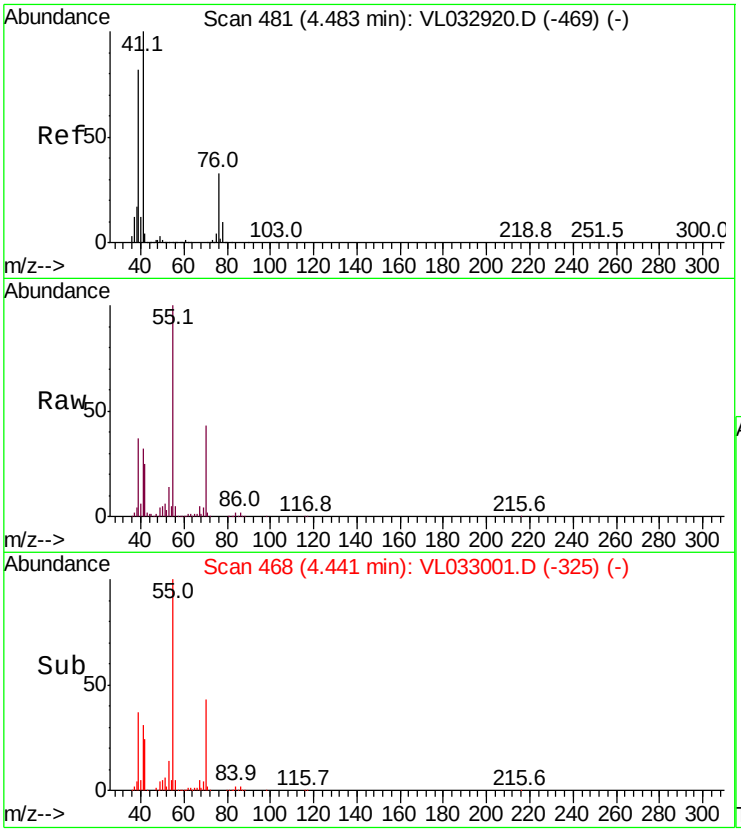


#20
Methylene Chloride
Concen: 8.526 ppbv
RT: 4.42 min Scan# 460
Delta R.T. 0.00 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Tgt Ion: 84 Resp: 367780

Ion	Ratio	Lower	Upper
84	100		
49	146.7	113.8	170.8
51	43.3	31.8	47.8
86	64.7	50.8	76.2



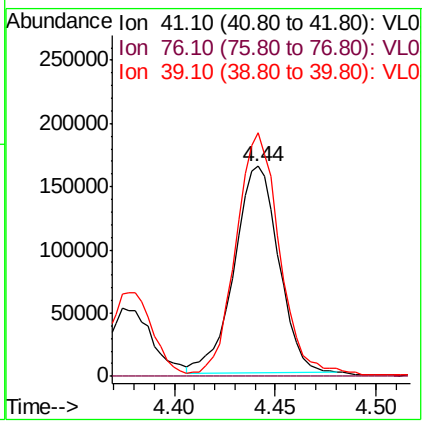


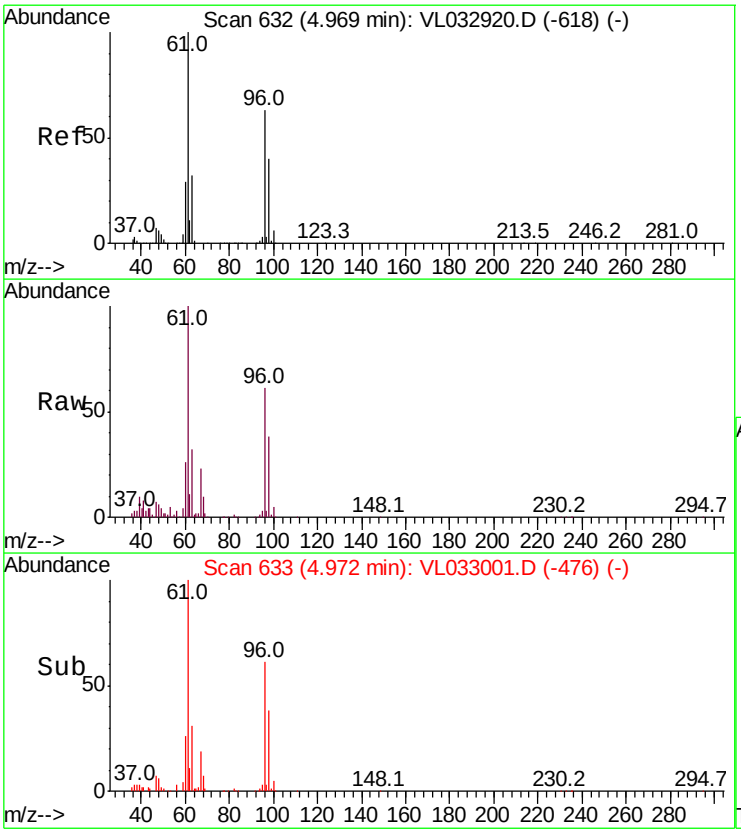
#21
Allvl Chloride
Concen: 3.534 ppbv
RT: 4.44 min Scan# 468
Delta R.T. -0.04 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 254215

Ion	Ratio	Lower	Upper
41	100		
76	0.0	25.2	37.8#
39	115.8	65.2	97.8#

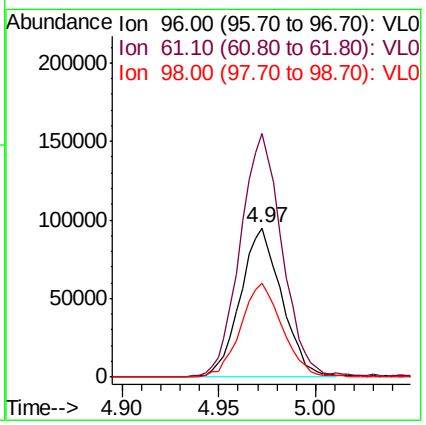


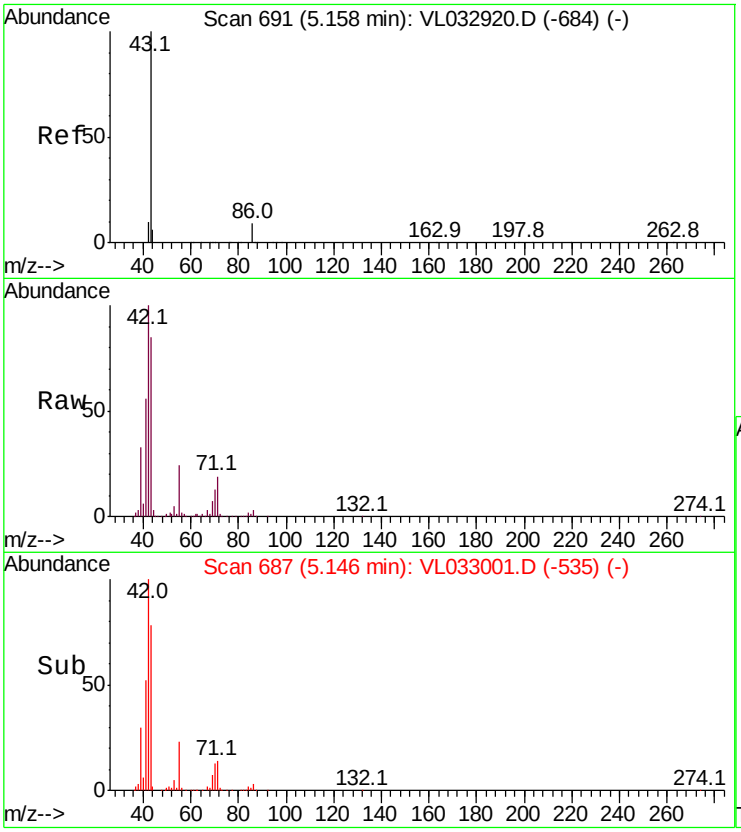


#22
trans-1,2-Dichloroethene
Concen: 2.635 ppbv
RT: 4.97 min Scan# 633
Delta R.T. 0.00 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Tgt Ion: 96 Resp: 141340

Ion	Ratio	Lower	Upper
96	100		
61	162.8	127.1	190.7
98	62.7	51.3	76.9



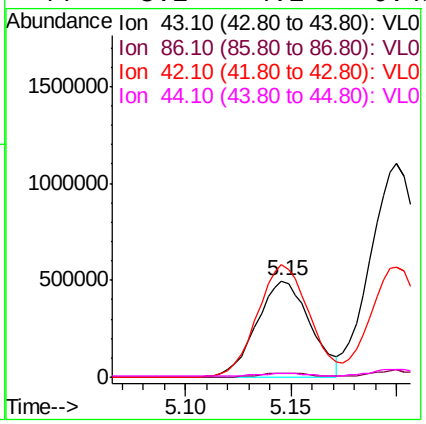


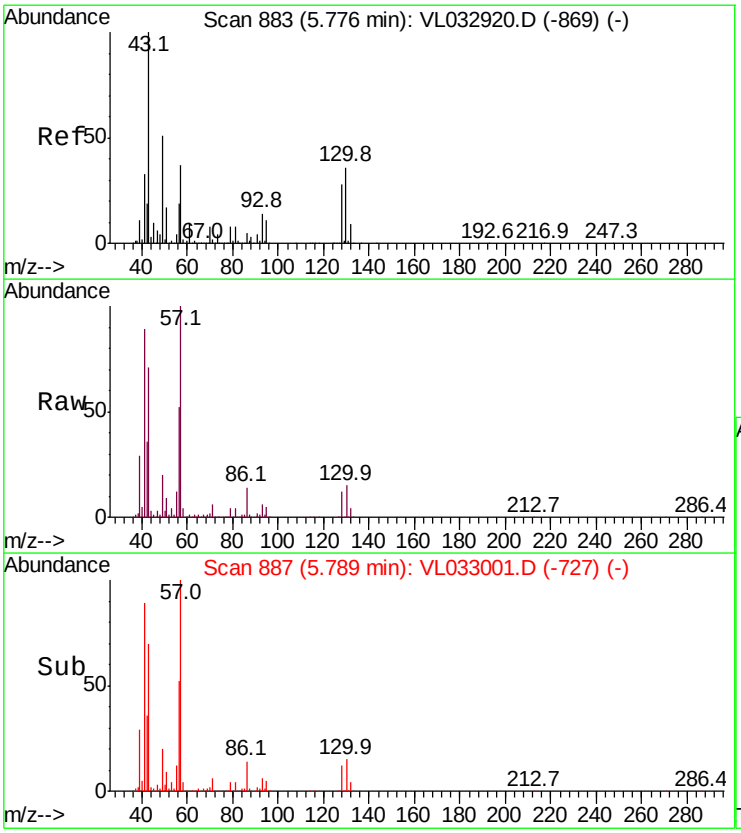
#23
Vinyl Acetate
Concen: 5.893 ppbv
RT: 5.15 min Scan# 687
Delta R.T. -0.01 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 880574

Ion	Ratio	Lower	Upper
43	100		
86	4.0	6.6	9.8#
42	117.2	8.3	12.5#
44	3.2	4.2	6.4#

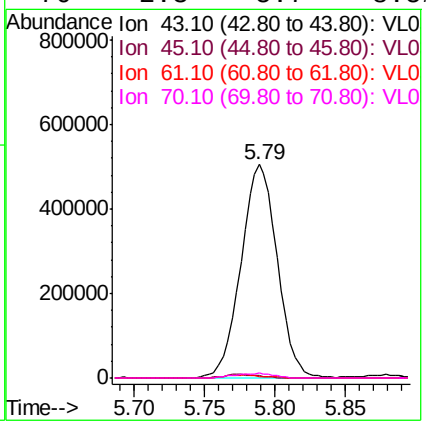


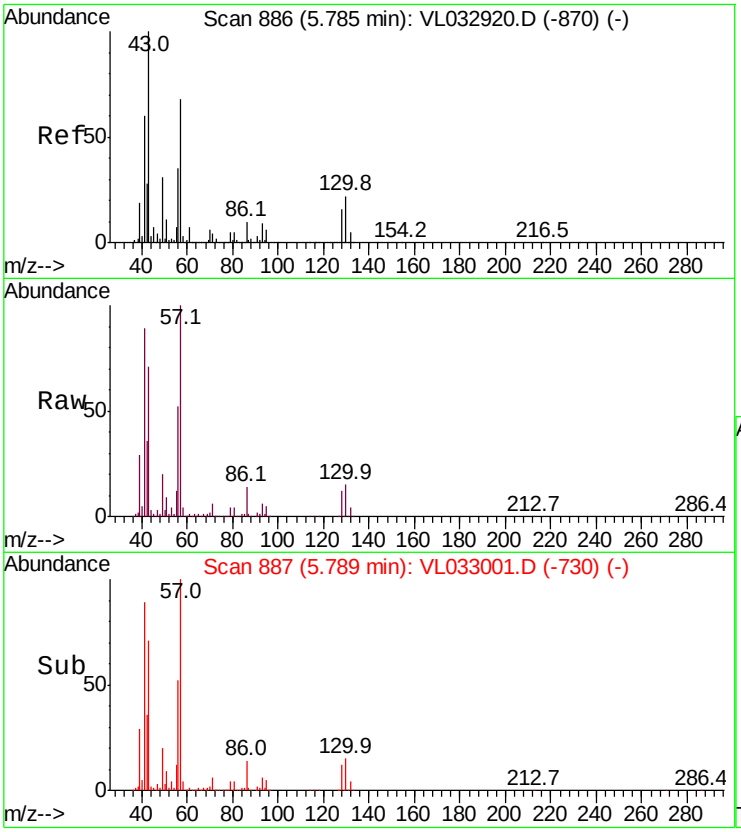


#25
Ethyl Acetate
Concen: 4.359 ppbv
RT: 5.79 min Scan# 887
Delta R.T. 0.01 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Tgt Ion: 43 Resp: 908751

Ion	Ratio	Lower	Upper
43	100		
45	1.9	7.8	11.6#
61	1.5	7.4	11.2#
70	2.3	5.7	8.5#



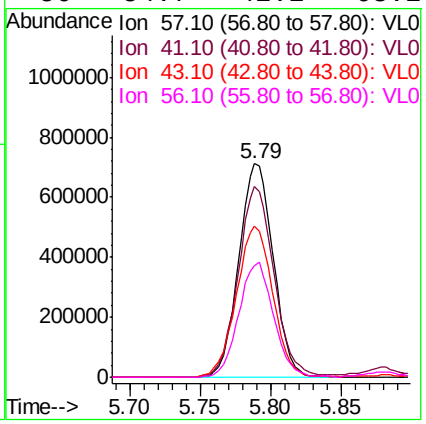


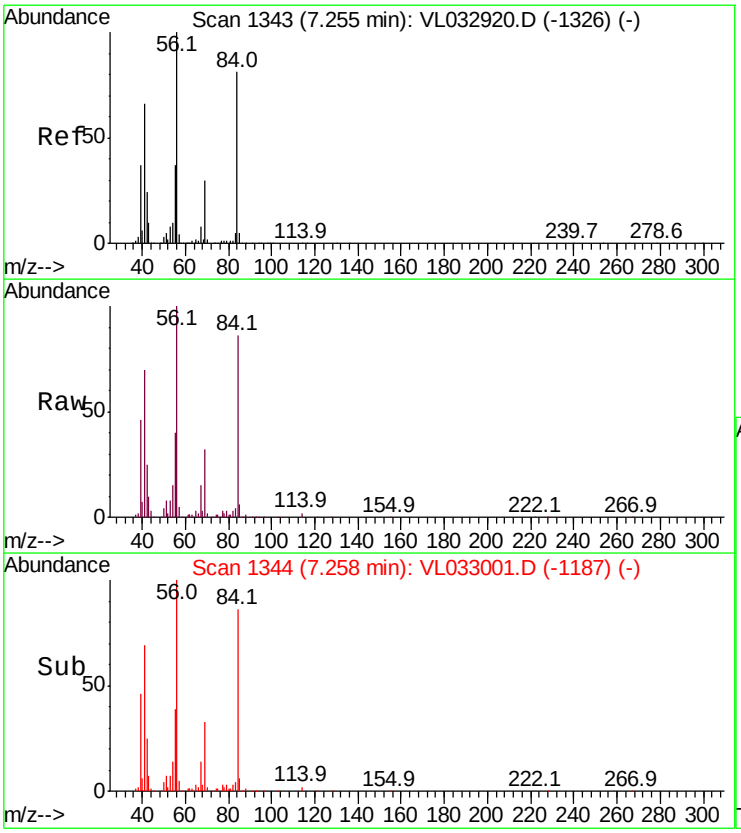
#26
Hexane
Concen: 12.646 ppbv
RT: 5.79 min Scan# 887
Delta R.T. 0.00 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 1217244

Ion	Ratio	Lower	Upper
57	100		
41	93.7	72.2	108.2
43	74.7	171.9	257.9#
56	54.7	42.2	63.2

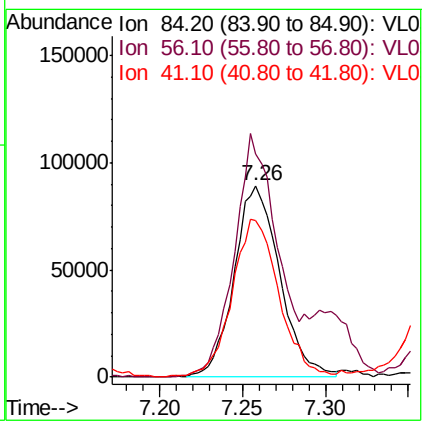


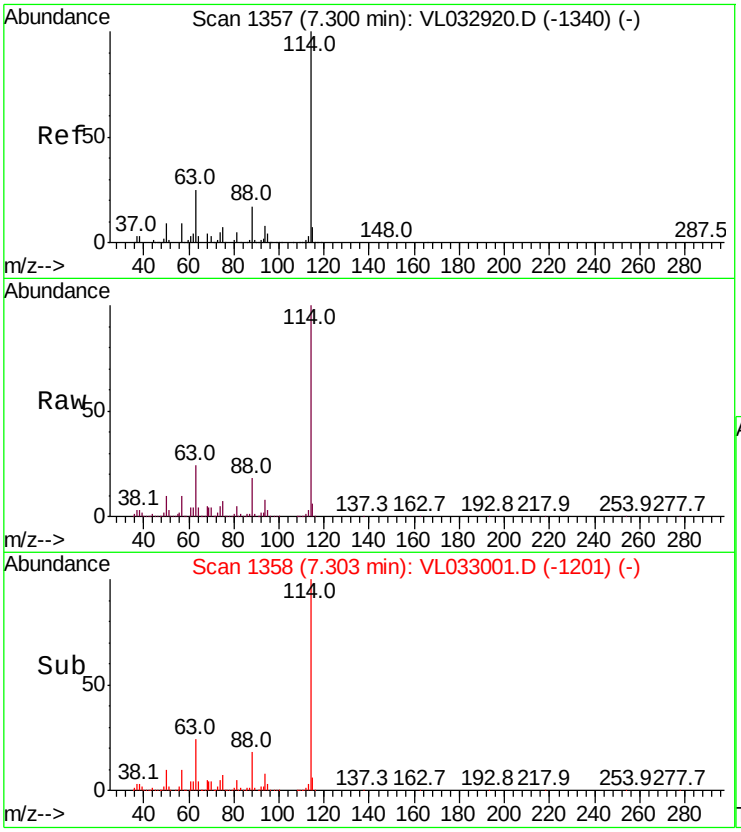


#30
Cyclohexane
Concen: 2.136 ppbv
RT: 7.26 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Tgt Ion: 84 Resp: 170437

Ion	Ratio	Lower	Upper
84	100		
56	153.6	102.5	153.7
41	83.0	64.1	96.1



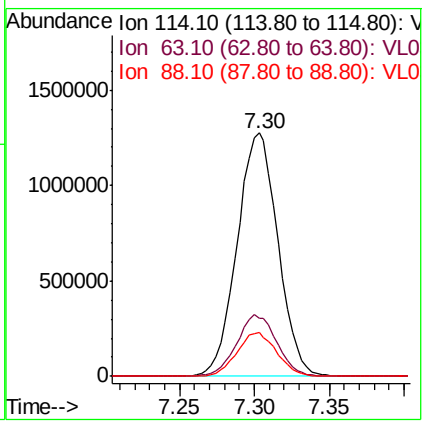


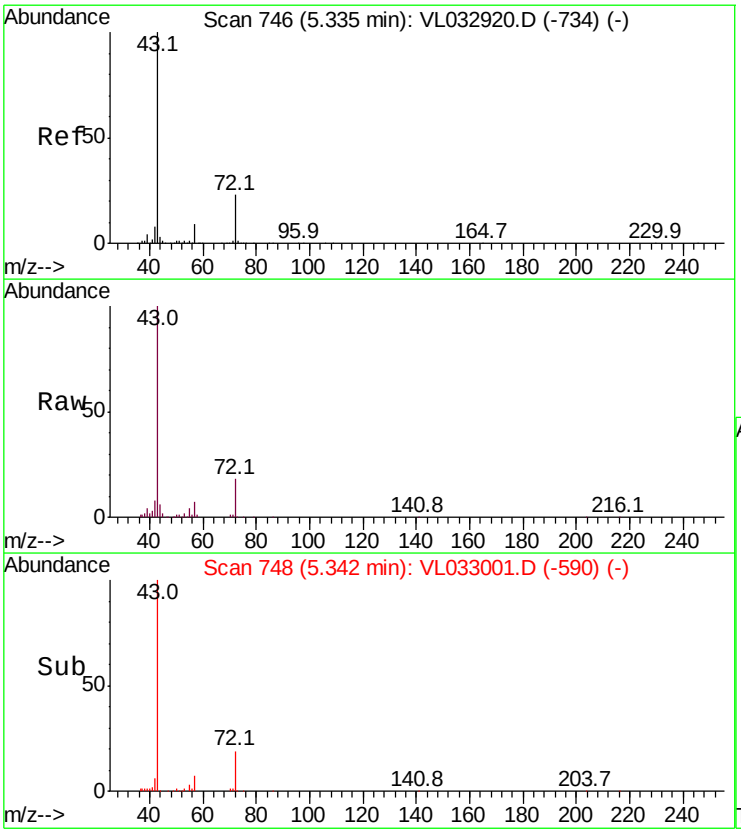
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1358
Delta R.T. 0.00 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 2413148

Ion	Ratio	Lower	Upper
114	100		
63	25.1	20.1	30.1
88	17.6	14.2	21.4

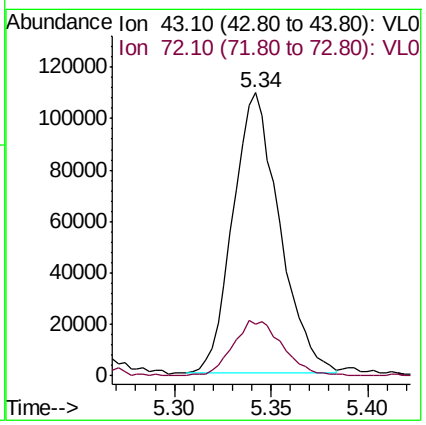


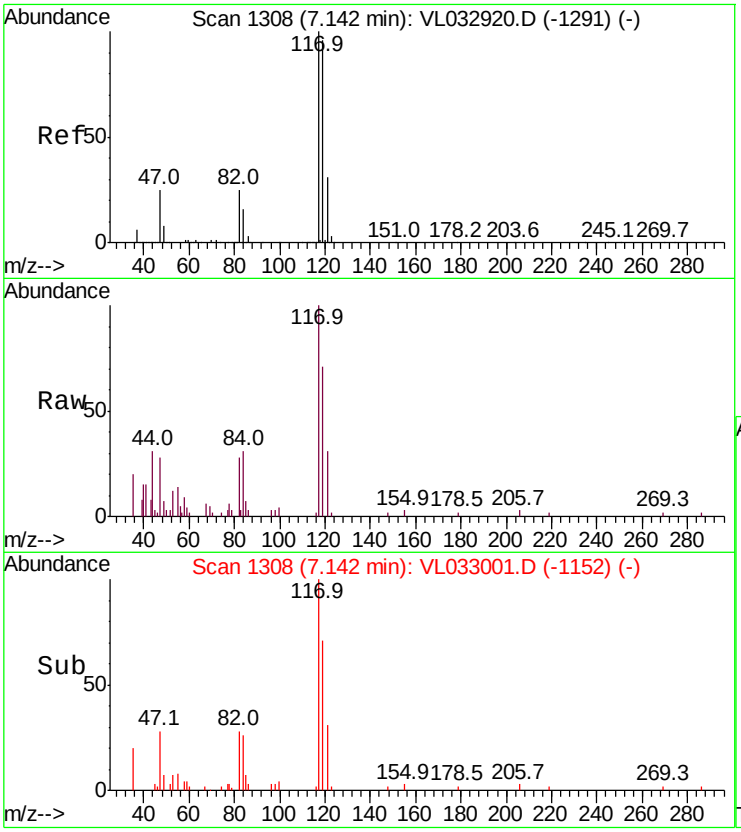


#34
2-Butanone
Concen: 1.736 ppbv
RT: 5.34 min Scan# 748
Delta R.T. 0.01 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Tgt Ion: 43 Resp: 182436

Ion	Ratio	Lower	Upper
43	100		
72	21.5	18.8	28.2



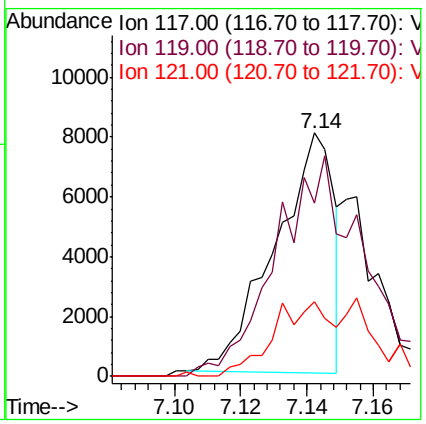


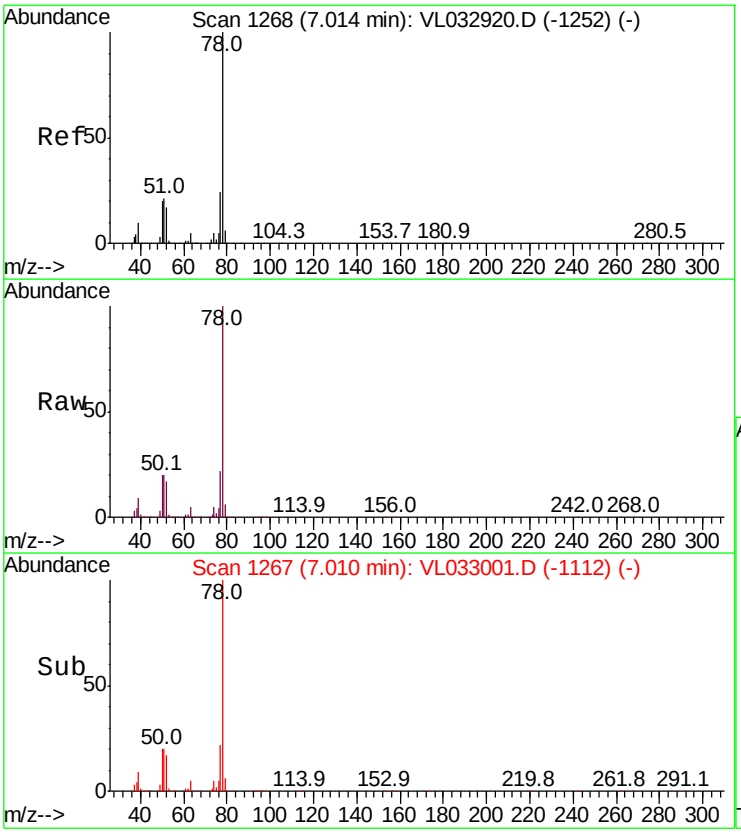
#35
Carbon Tetrachloride
Concen: 0.052 ppbv
RT: 7.14 min Scan# 1308
Delta R.T. 0.00 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 9925

Ion	Ratio	Lower	Upper
117	100		
119	72.8	76.5	114.7#
121	29.6	24.5	36.7

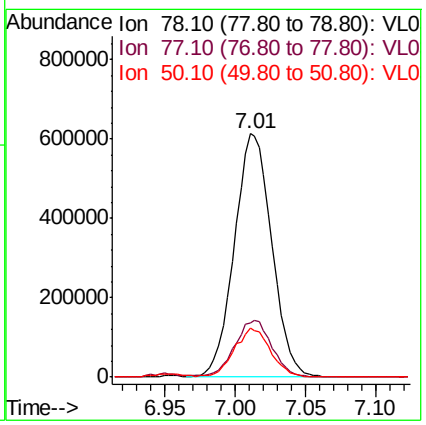


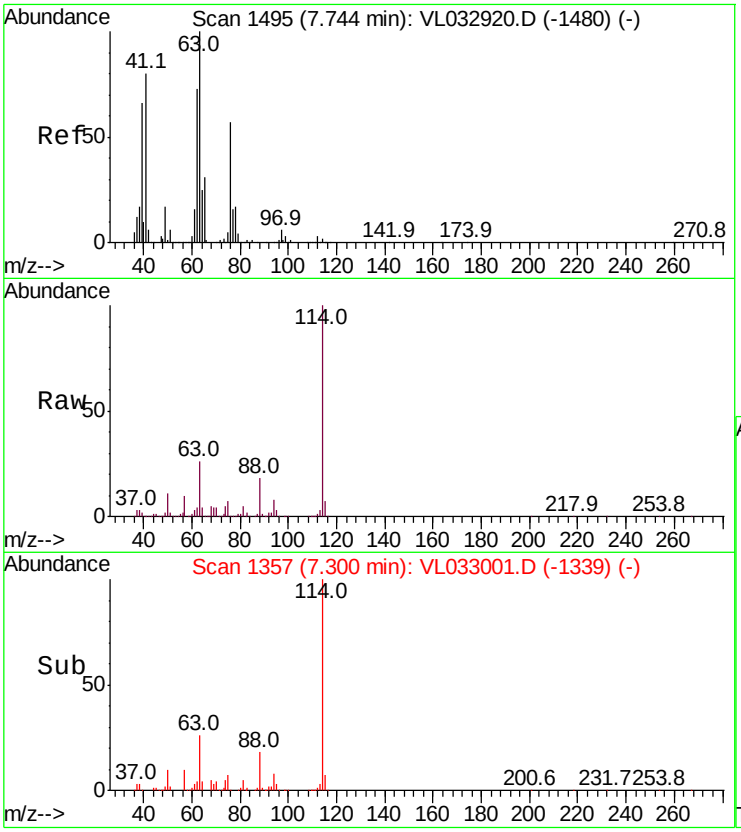


#36
Benzene
Concen: 6.377 ppbv
RT: 7.01 min Scan# 1267
Delta R.T. -0.00 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Tgt Ion: 78 Resp: 1131782

Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.9	28.3
50	20.1	16.1	24.1



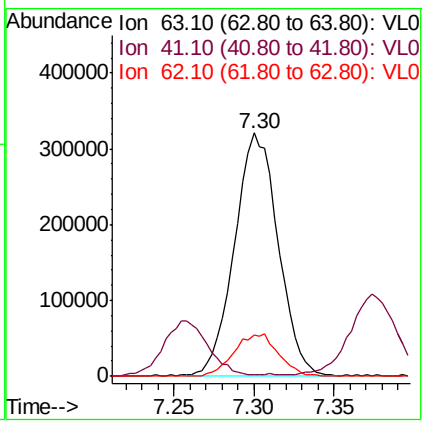


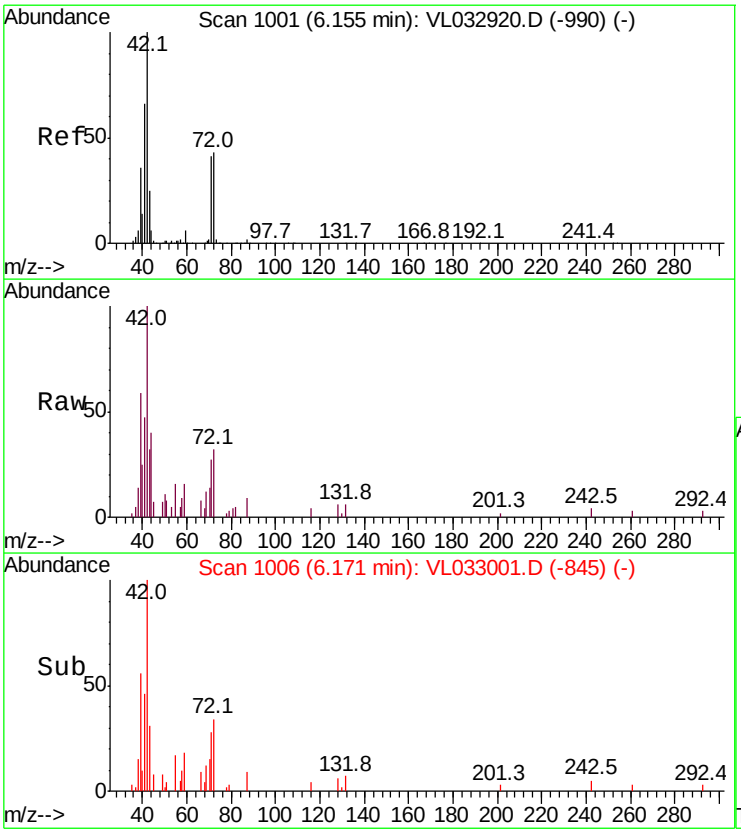
#39
1,2-Dichloropropane
Concen: 8.807 ppbv
RT: 7.30 min Scan# 1357
Delta R.T. -0.44 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 592817

Ion	Ratio	Lower	Upper
63	100		
41	0.0	63.9	95.9#
62	17.1	58.8	88.2#

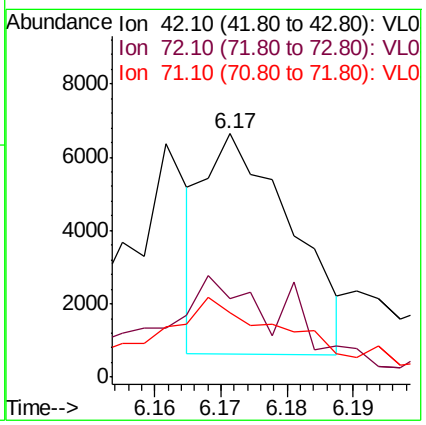


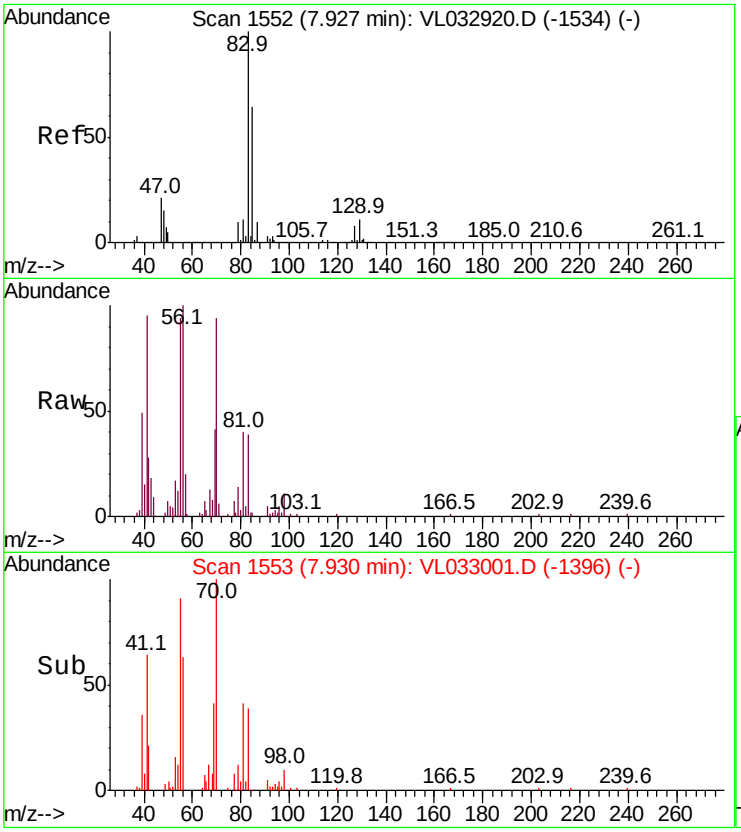


#41
Tetrahydrofuran
Concen: 0.083 ppbv
RT: 6.17 min Scan# 1006
Delta R.T. 0.02 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Tgt Ion: 42 Resp: 5414

Ion	Ratio	Lower	Upper
42	100		
72	80.8	32.9	49.3#
71	71.2	32.0	48.0#



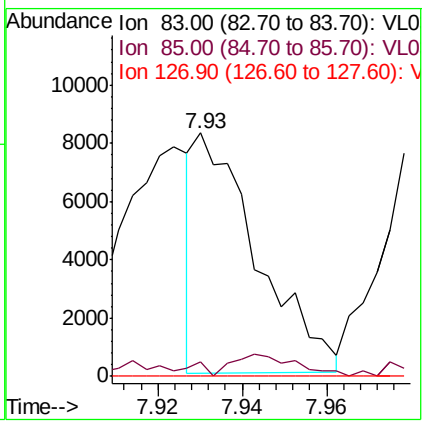


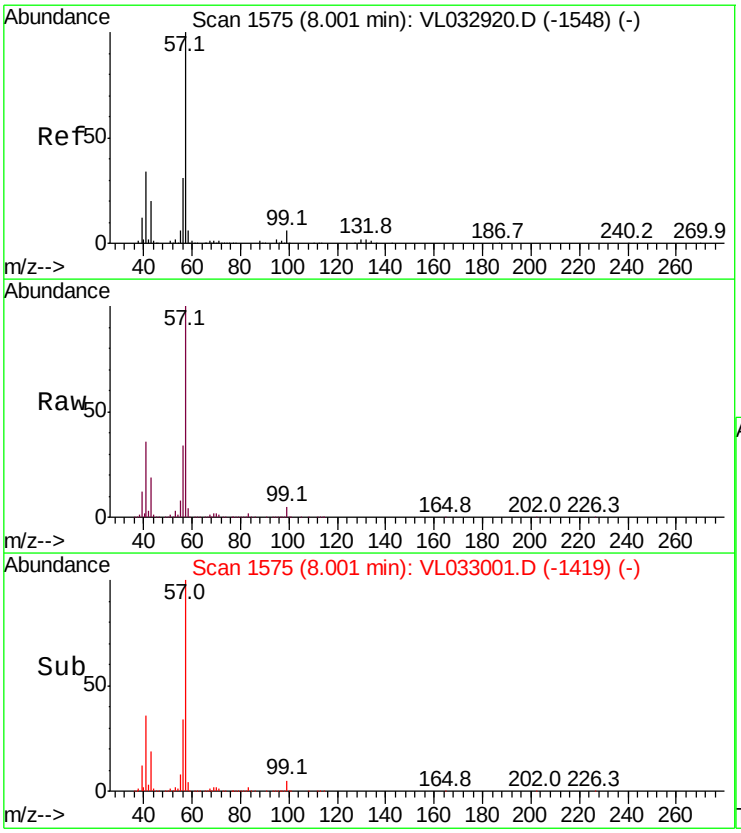
#42
Bromodichloromethane
Concen: 0.050 ppbv
RT: 7.93 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 8408

Ion	Ratio	Lower	Upper
83	100		
85	4.1	50.9	76.3#
127	0.0	6.7	10.1#

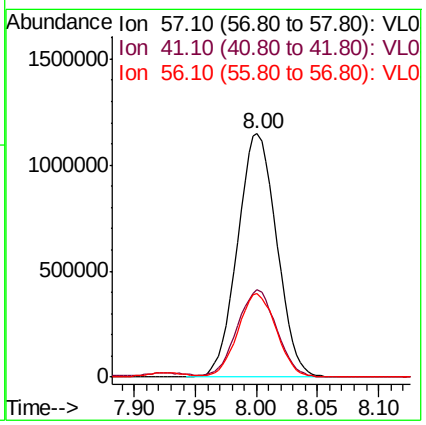


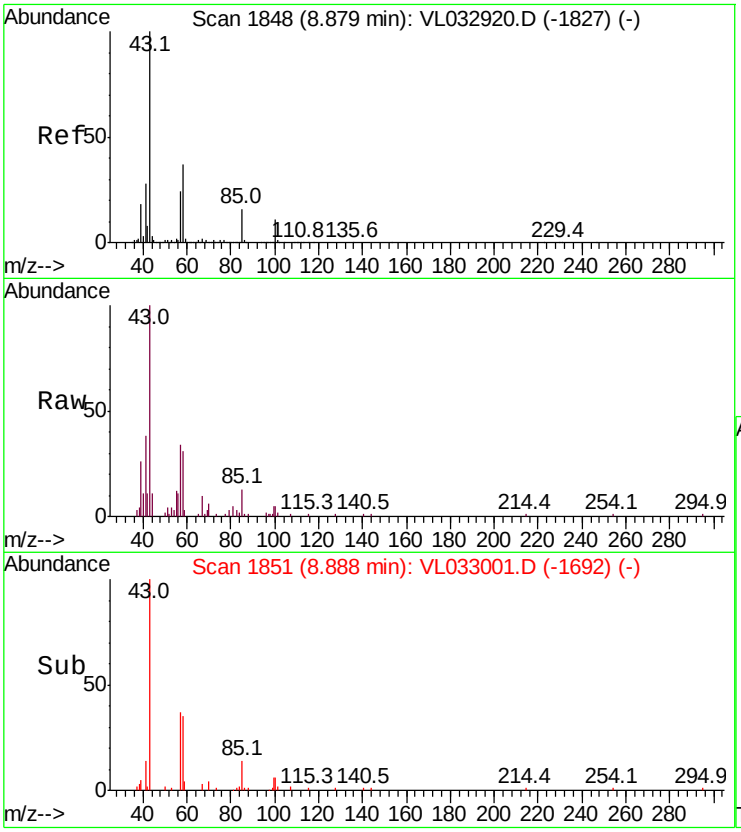


#44
2,2,4-Trimethylpentane
Concen: 8.423 ppbv
RT: 8.00 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Tgt Ion: 57 Resp: 2537781

Ion	Ratio	Lower	Upper
57	100		
41	36.2	27.0	40.4
56	33.9	24.6	37.0



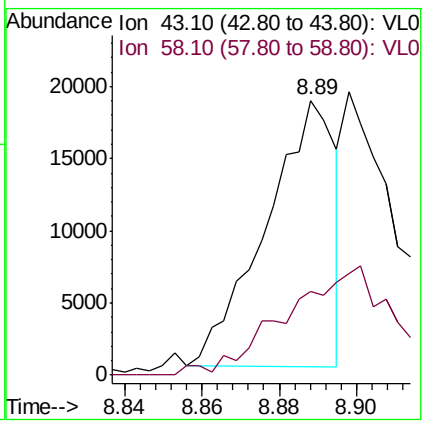


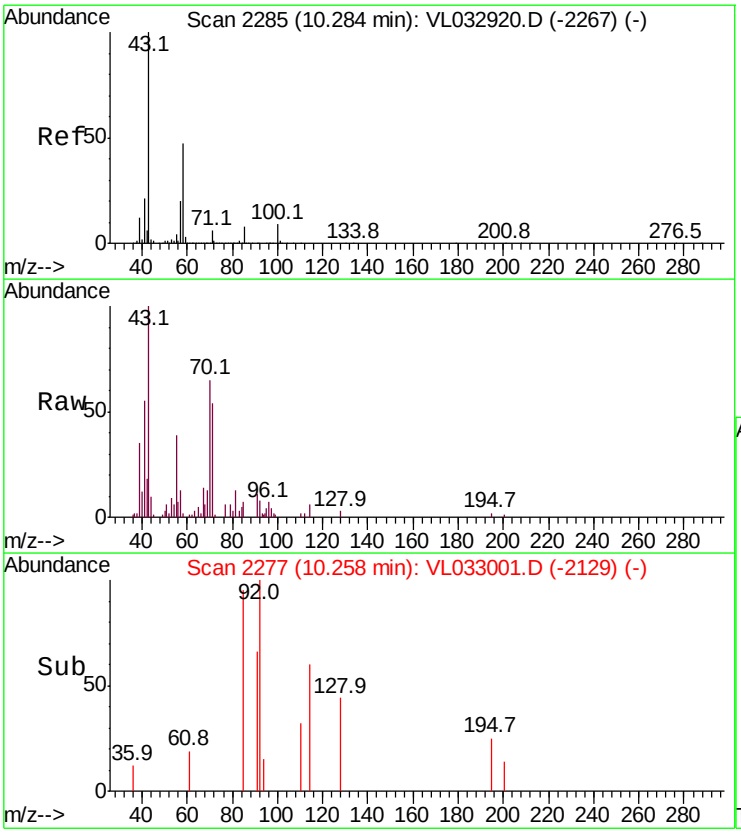
#50
4-Methyl-2-Pentanone
Concen: 0.137 ppbv
RT: 8.89 min Scan# 1851
Delta R.T. 0.01 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 22989

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.0	43.4#

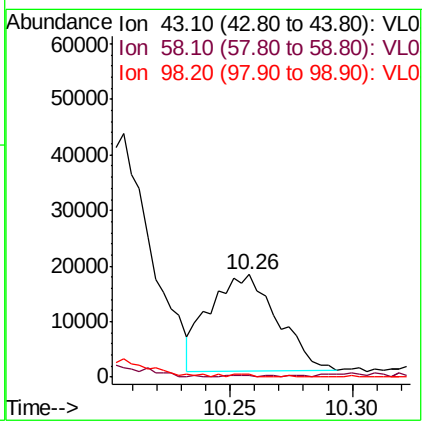


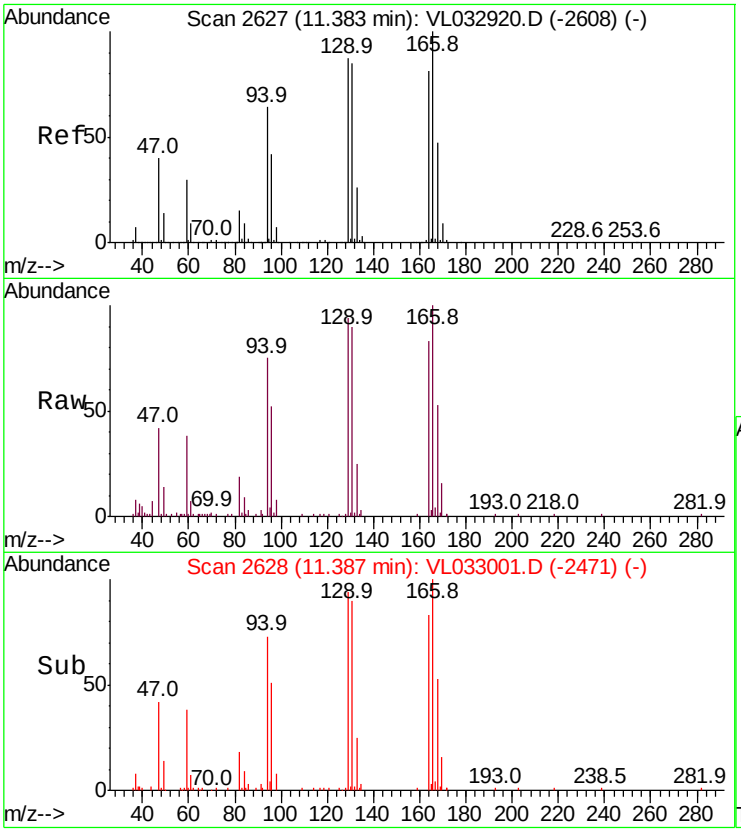


#51
2-Hexanone
Concen: 0.295 ppbv
RT: 10.26 min Scan# 2277
Delta R.T. -0.03 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Tgt Ion: 43 Resp: 33637

Ion	Ratio	Lower	Upper
43	100		
58	4.2	38.1	57.1#
98	0.0	0.4	0.6#



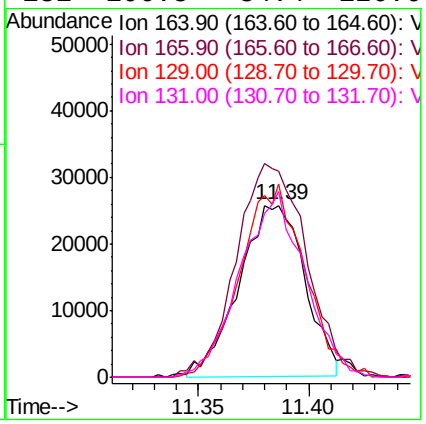


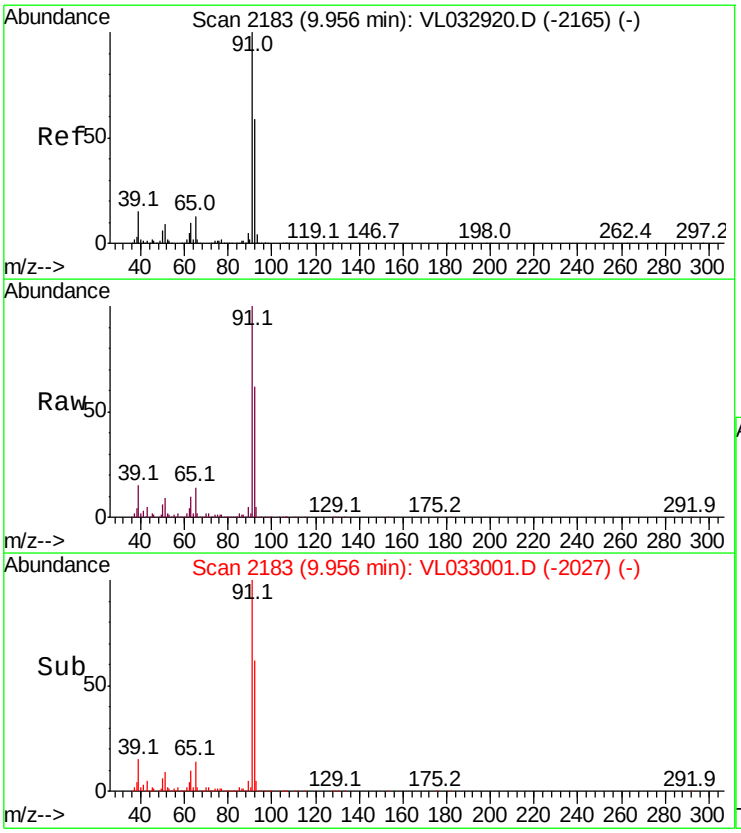
#52
Tetrachloroethene
Concen: 0.823 ppbv
RT: 11.39 min Scan# 2628
Delta R.T. 0.00 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:164 Resp: 53128

Ion	Ratio	Lower	Upper
164	100		
166	117.8	98.8	148.2
129	111.8	85.5	128.3
131	106.8	84.4	126.6

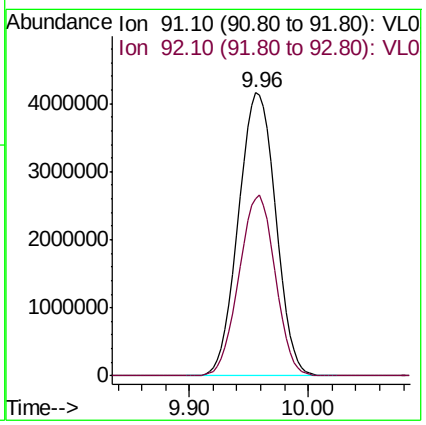


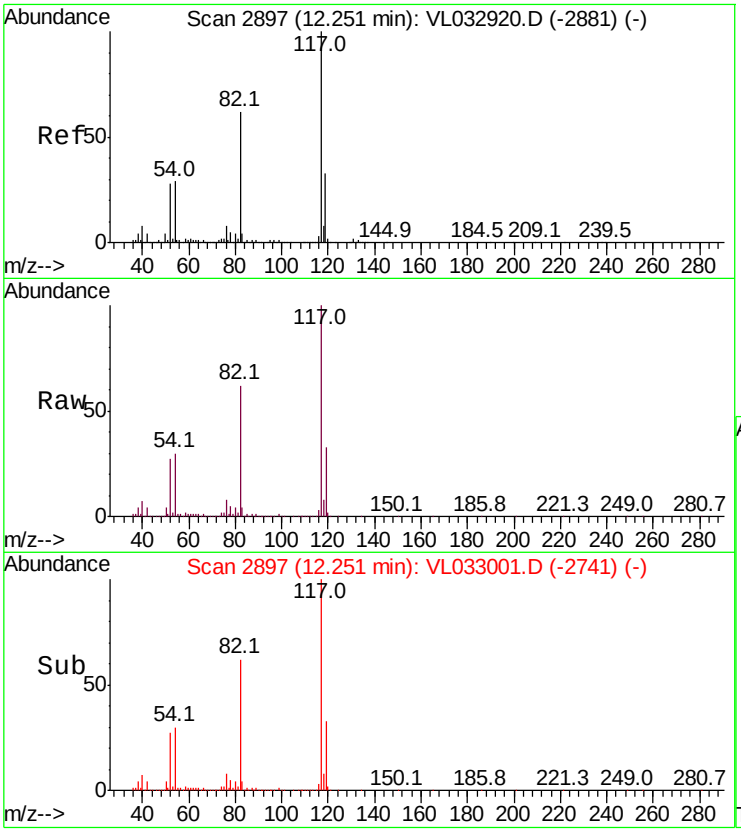


#53
Toluene
Concen: 47.980 ppbv
RT: 9.96 min Scan# 2183
Delta R.T. 0.00 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Tgt Ion: 91 Resp: 9031964

Ion	Ratio	Lower	Upper
91	100		
92	62.0	47.4	71.0



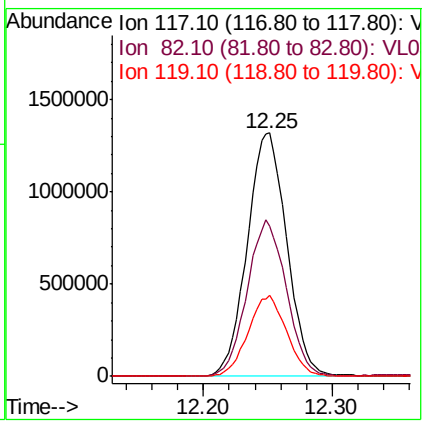


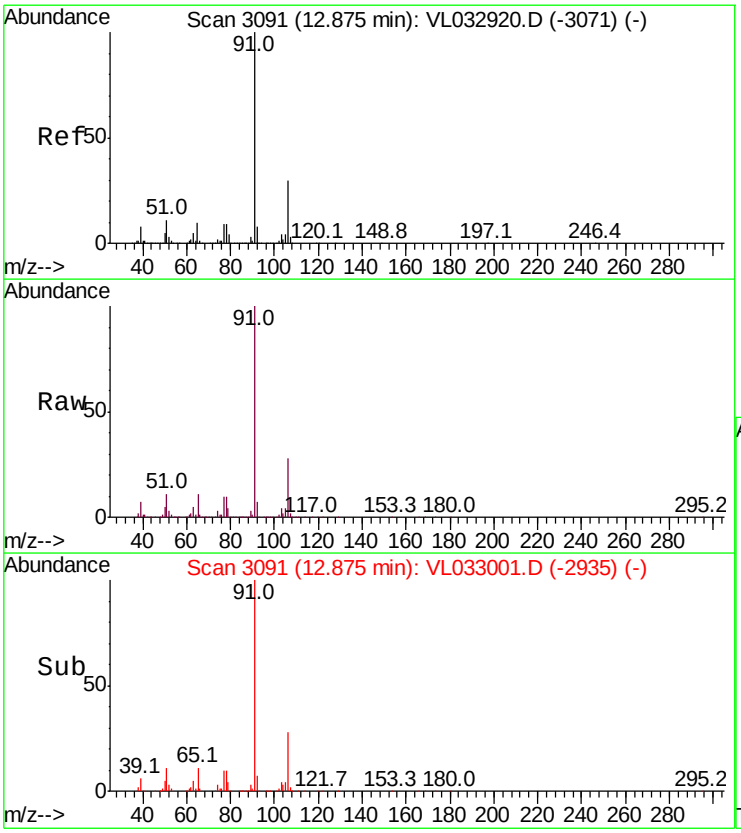
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2816018

Ion	Ratio	Lower	Upper
117	100		
82	63.7	47.8	71.8
119	32.5	43.1	64.7#

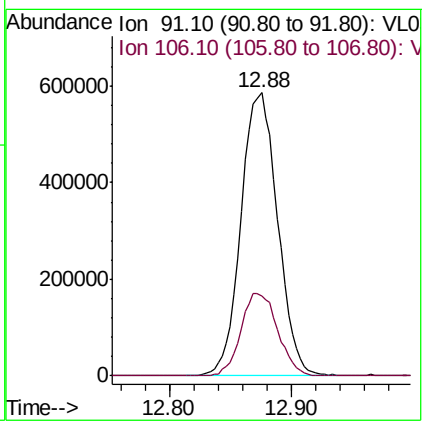


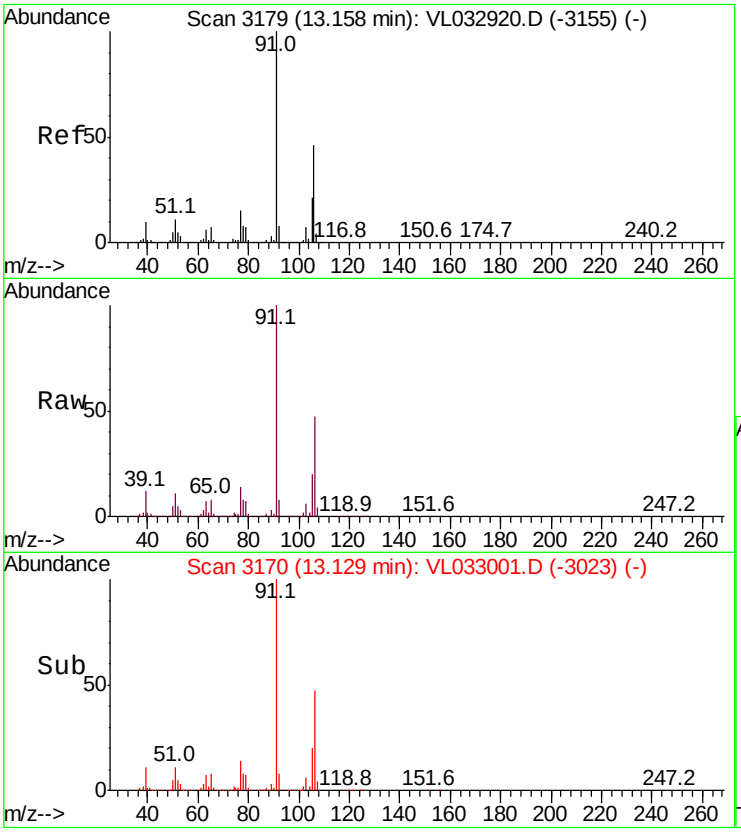


#58
Ethyl Benzene
Concen: 4.036 ppbv
RT: 12.88 min Scan# 3091
Delta R.T. 0.00 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Tgt Ion: 91 Resp: 1212309

Ion	Ratio	Lower	Upper
91	100		
106	28.3	23.9	35.9



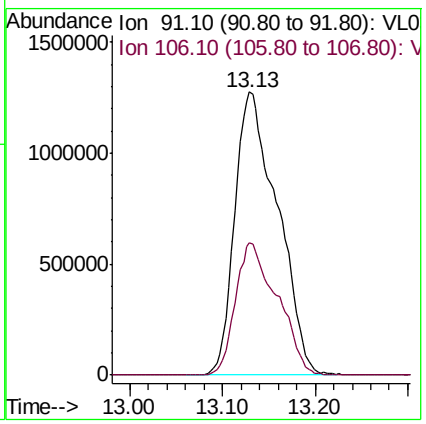


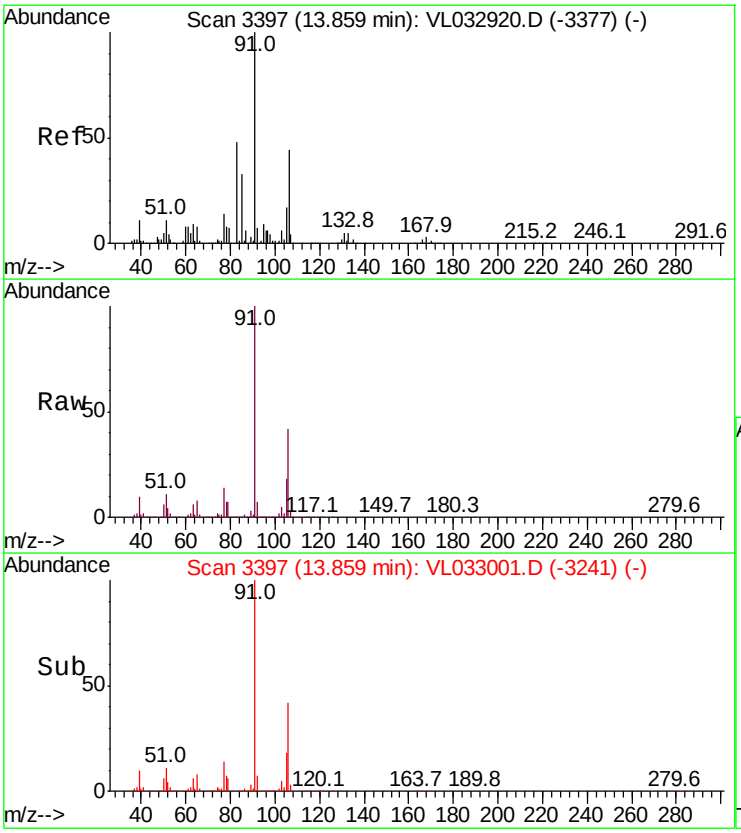
#59
m/p-Xylene
Concen: 14.971 ppbv
RT: 13.13 min Scan# 3170
Delta R.T. -0.03 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 4077358

Ion	Ratio	Lower	Upper
91	100		
106	46.1	0.0	0.0#

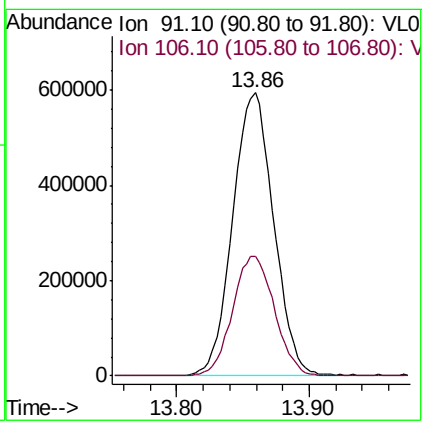


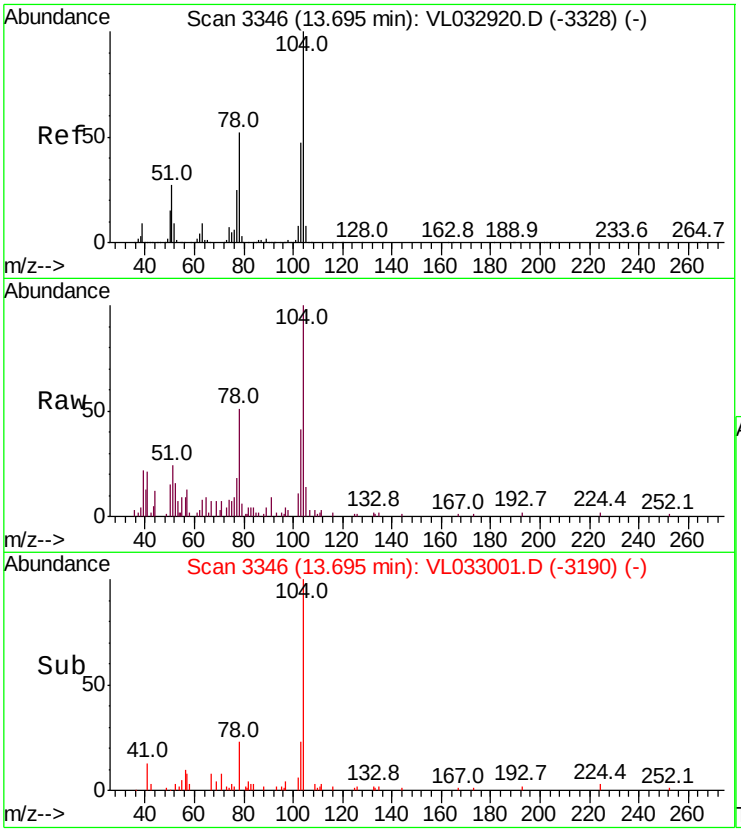


#60
o-Xylene
Concen: 4.610 ppbv
RT: 13.86 min Scan# 3397
Delta R.T. 0.00 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Tgt Ion: 91 Resp: 1268023

Ion	Ratio	Lower	Upper
91	100		
106	43.5	21.9	65.8



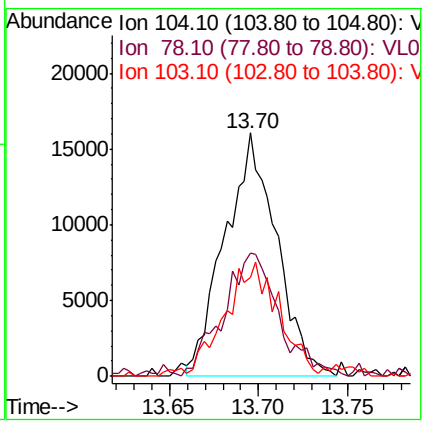


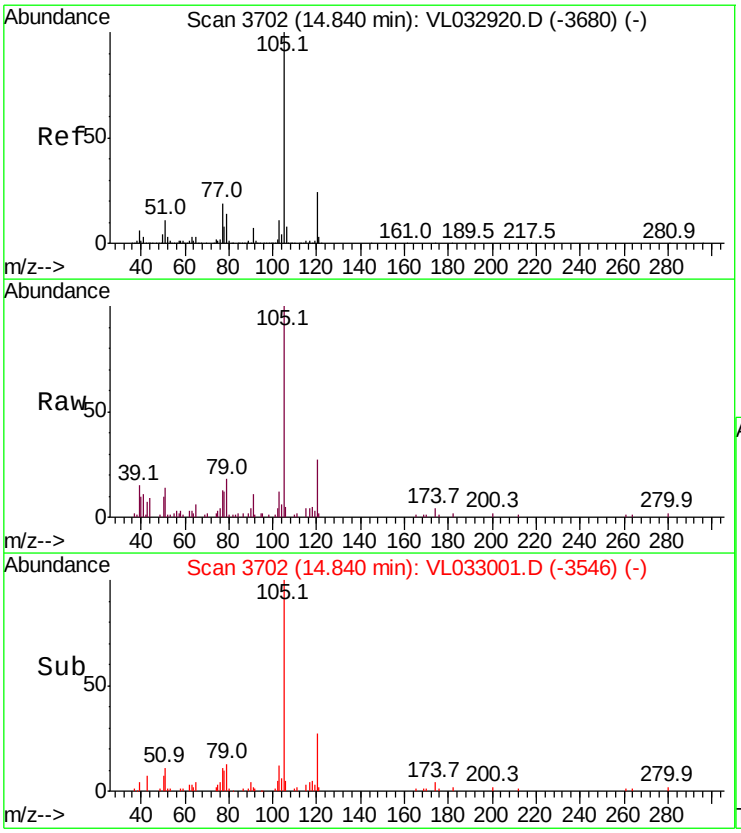
#61
Stvrene
Concen: 0.178 ppbv
RT: 13.70 min Scan# 3346
Delta R.T. 0.00 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:104 Resp: 32487

Ion	Ratio	Lower	Upper
104	100		
78	57.8	42.0	63.0
103	52.2	38.3	57.5

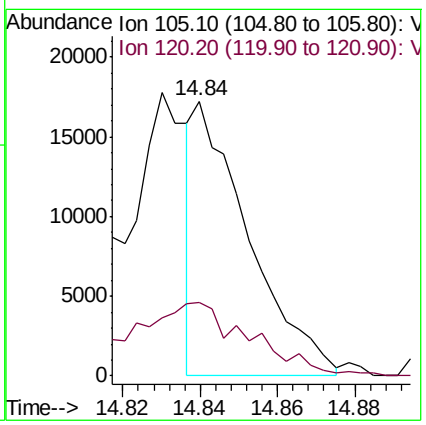


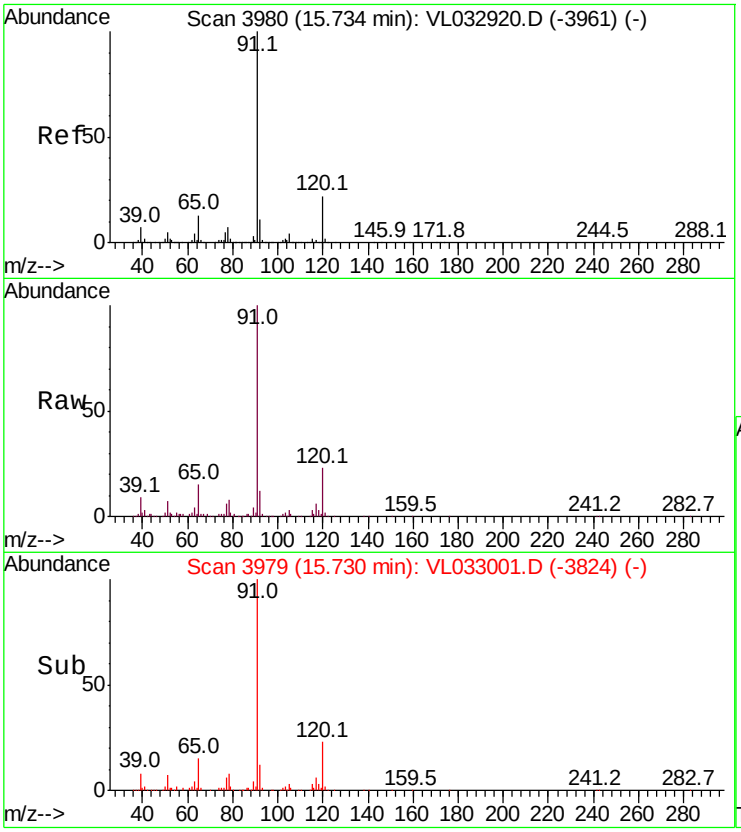


#62
Isopropylbenzene
Concen: 0.044 ppbv
RT: 14.84 min Scan# 3702
Delta R.T. 0.00 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Tgt Ion:105 Resp: 16891

Ion	Ratio	Lower	Upper
105	100		
120	60.2	20.3	30.5#



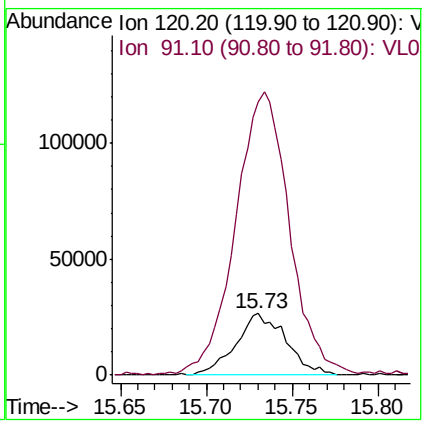


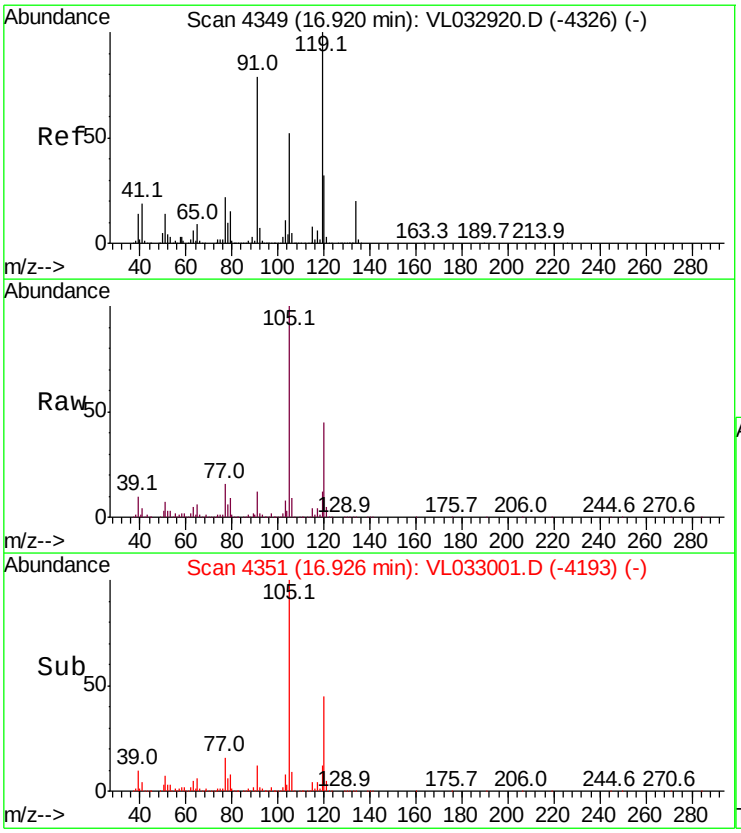
#64
n-propylbenzene
Concen: 0.541 ppbv
RT: 15.73 min Scan# 3979
Delta R.T. -0.00 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:120 Resp: 53888

Ion	Ratio	Lower	Upper
120	100		
91	498.7	380.4	570.6

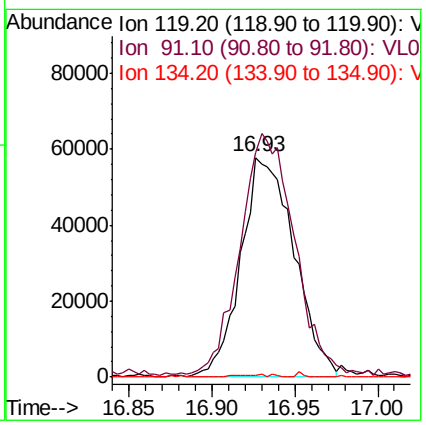


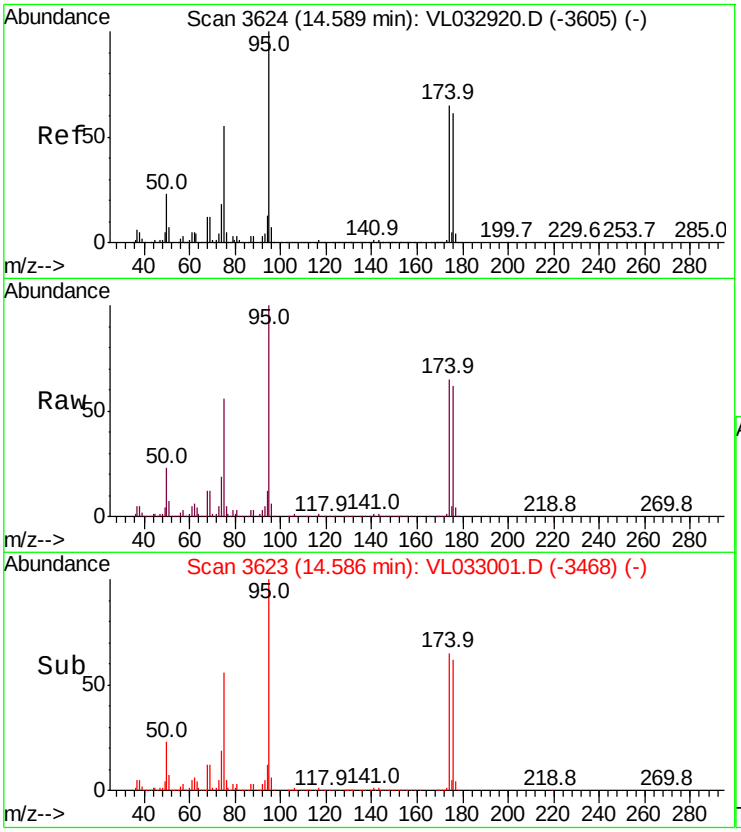


#65
tert-Butylbenzene
Concen: 0.360 ppbv
RT: 16.93 min Scan# 4351
Delta R.T. 0.01 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Tgt Ion:119 Resp: 128158

Ion	Ratio	Lower	Upper
119	100		
91	114.1	64.5	96.7#
134	0.5	15.7	23.5#



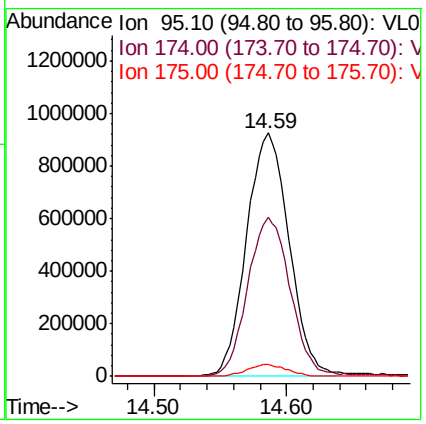


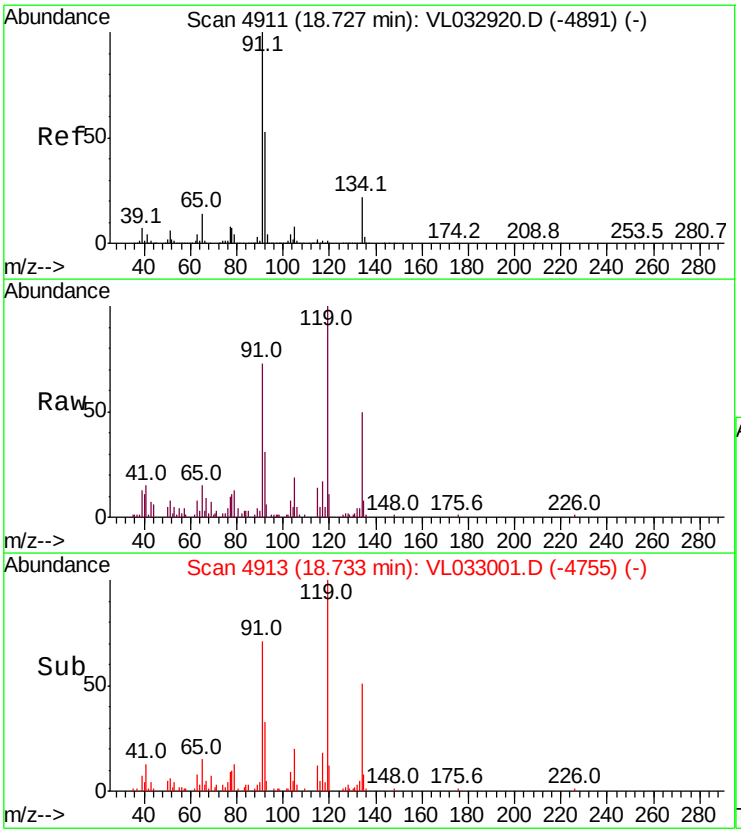
#68
1-Bromo-4-Fluorobenzene
Concen: 9.946 ppbv
RT: 14.59 min Scan# 3623
Delta R.T. -0.00 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2069164

Ion	Ratio	Lower	Upper
95	100		
174	65.5	51.4	77.0
175	4.7	3.8	5.6

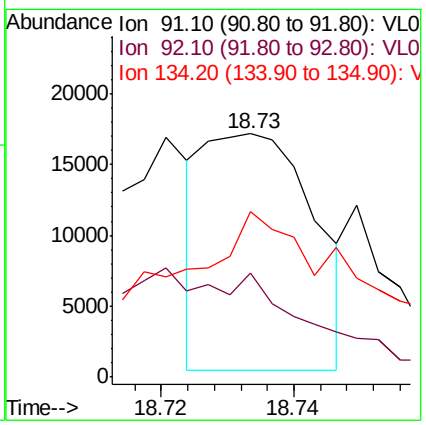


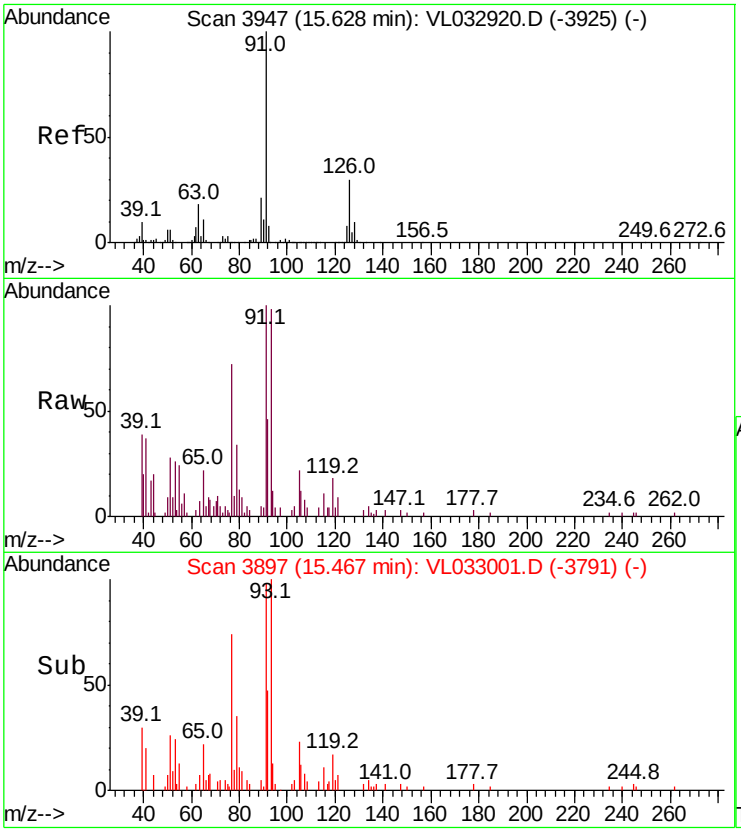


#70
n-Butylbenzene
Concen: 0.049 ppbv
RT: 18.73 min Scan# 4913
Delta R.T. 0.01 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Tgt Ion: 91 Resp: 19185

Ion	Ratio	Lower	Upper
91	100		
92	0.0	42.7	64.1#
134	191.7	18.0	27.0#



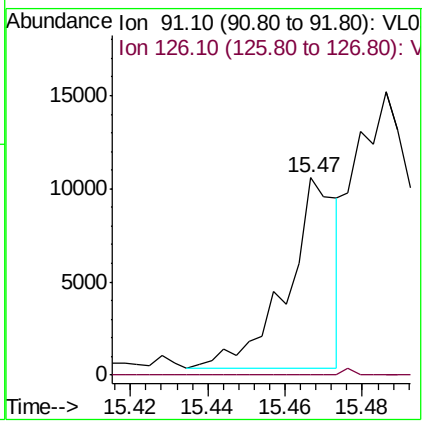


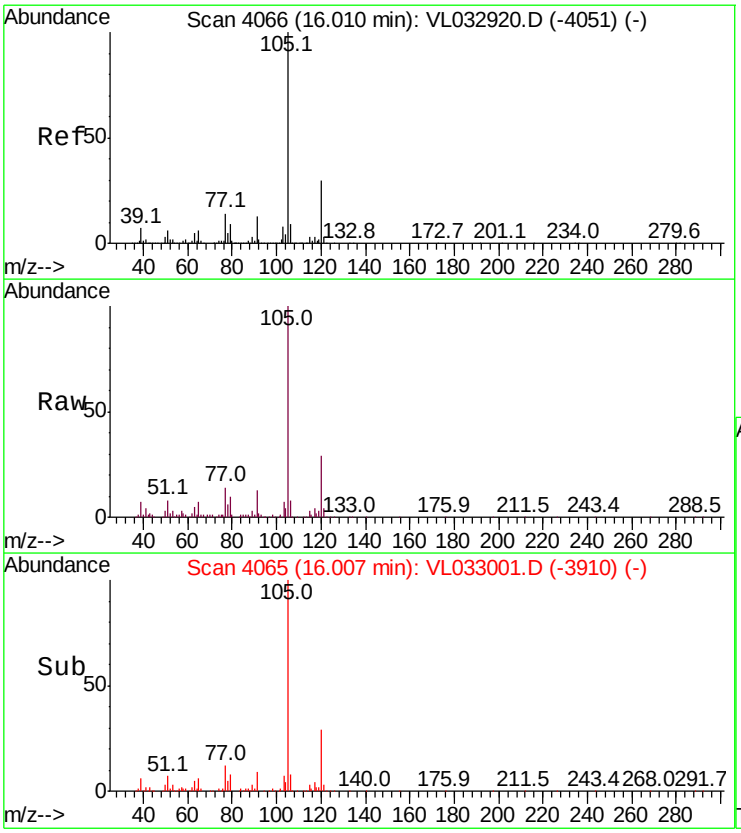
#71
2-Chlorotoluene
Concen: 0.032 ppbv
RT: 15.47 min Scan# 3897
Delta R.T. -0.16 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 9050

Ion	Ratio	Lower	Upper
91	100		
126	44.2	12.3	49.3

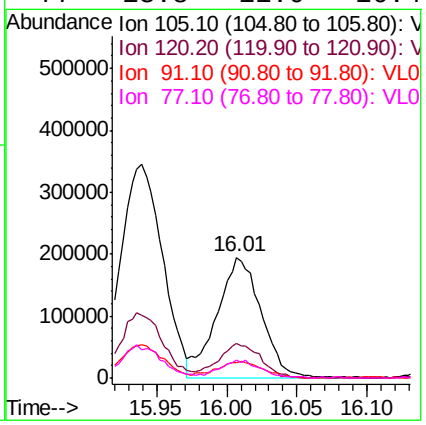


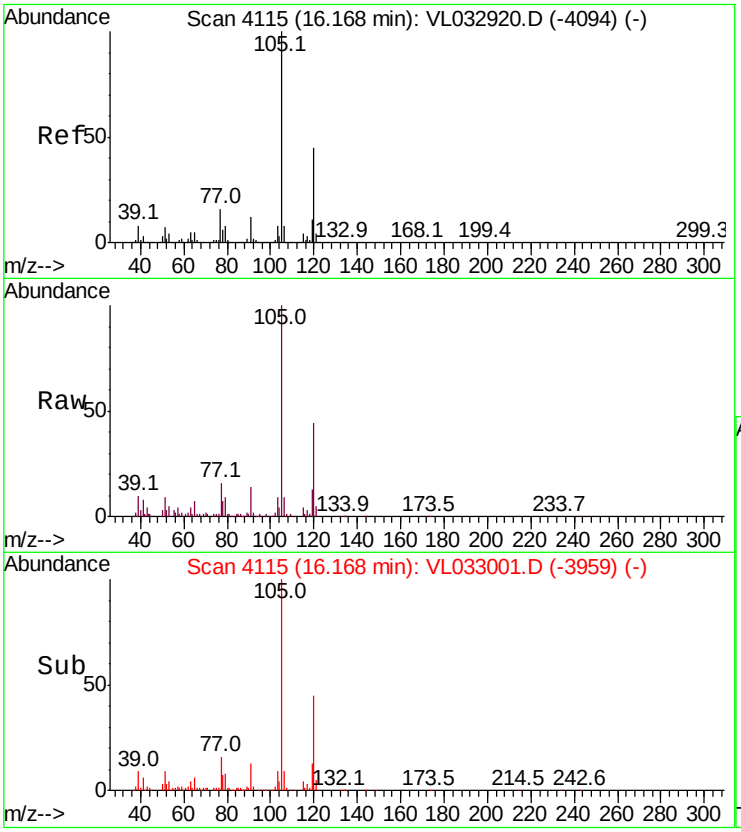


#72
4-Ethyltoluene
Concen: 1.372 ppbv
RT: 16.01 min Scan# 4065
Delta R.T. -0.00 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Tgt Ion:105 Resp: 421389

Ion	Ratio	Lower	Upper
105	100		
120	27.4	23.0	34.4
91	14.2	10.4	15.6
77	13.8	11.0	16.4



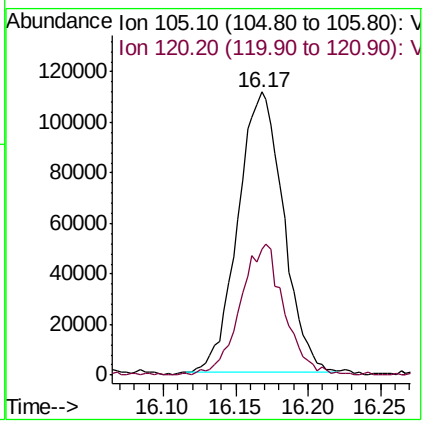


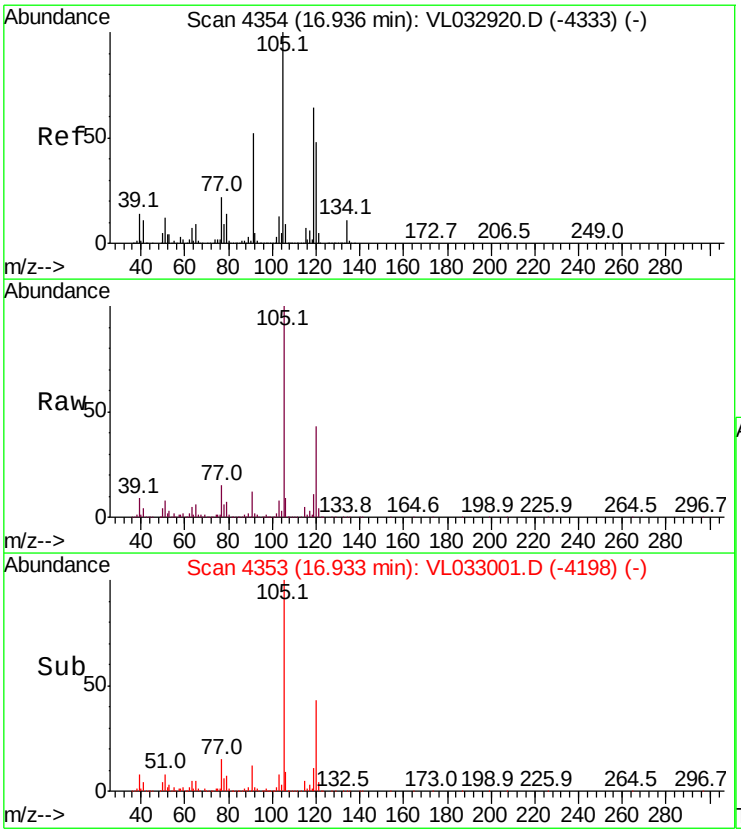
#73
1,3,5-Trimethylbenzene
Concen: 0.811 ppbv
RT: 16.17 min Scan# 4115
Delta R.T. 0.00 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 243026

Ion	Ratio	Lower	Upper
105	100		
120	44.3	36.0	54.0

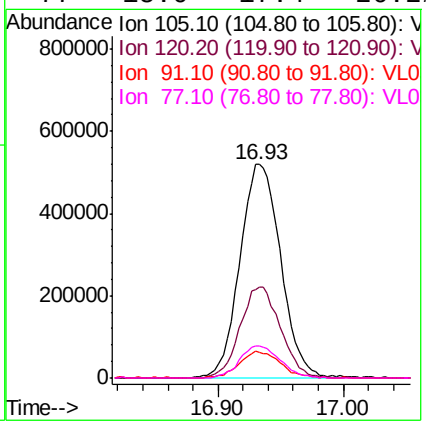


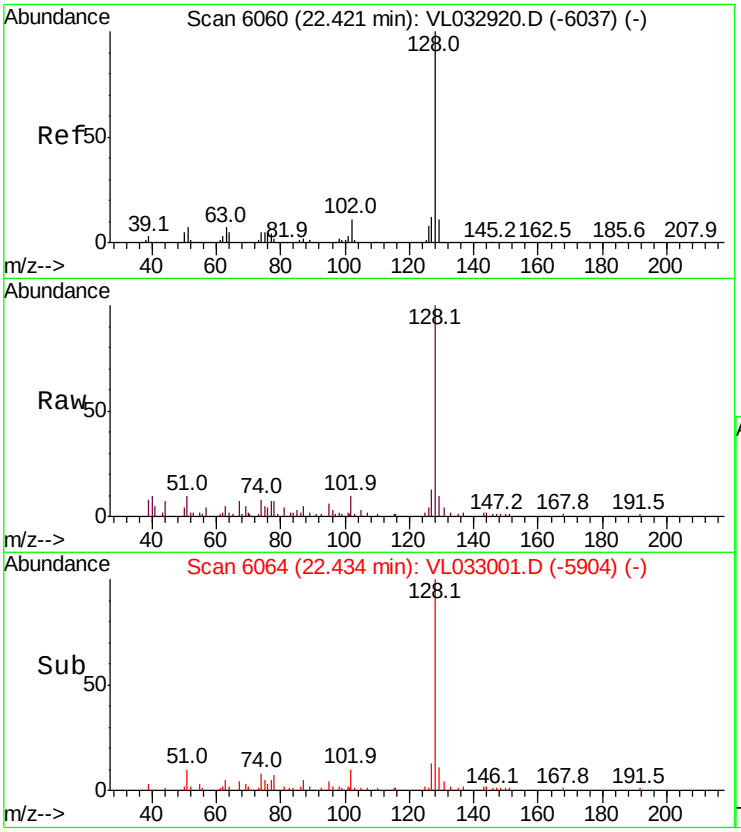


#74
1,2,4-Trimethylbenzene
Concen: 3.465 ppbv
RT: 16.93 min Scan# 4353
Delta R.T. -0.00 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Tgt Ion:105 Resp: 1172688

Ion	Ratio	Lower	Upper
105	100		
120	42.7	38.6	58.0
91	11.9	41.7	62.5#
77	15.0	17.4	26.2#



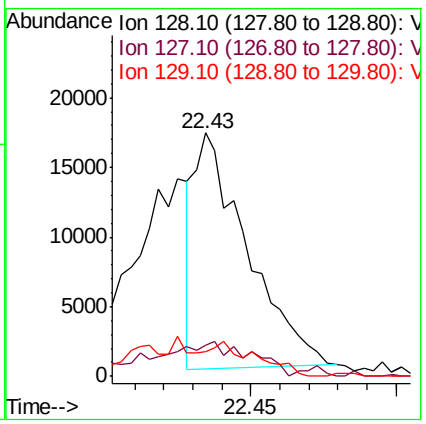


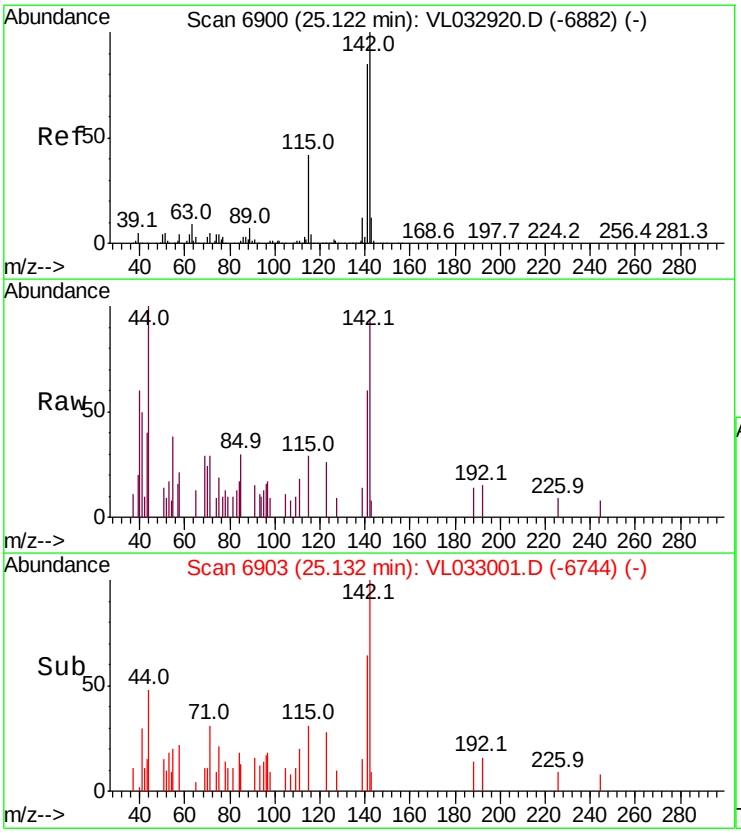
#79
Naphthalene
Concen: 0.097 ppbv
RT: 22.43 min Scan# 6064
Delta R.T. 0.01 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:128 Resp: 21305

Ion	Ratio	Lower	Upper
128	100		
127	13.4	9.9	14.9
129	9.9	8.6	13.0





#80
Naphthalene,2-methyl-
Concen: 0.065 ppbv
RT: 25.13 min Scan# 6903
Delta R.T. 0.01 min
Lab File: VL033001.D
Acq: 17 Dec 2018 18:34

Tgt Ion:142 Resp: 3041

Ion	Ratio	Lower	Upper
142	100		
141	117.7	68.2	102.2#
115	94.5	35.1	52.7#