Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121118\

Quantitation Report (Not Reviewed)

Data File : VL032981.D
Acq On : 12 Dec 2018 11:36
Operator : SY/AP
Sample : J6338-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV1

Quant Time: Dec 12 15:04:28 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	1063887	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.29	114	2867034	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.25	117	2871865	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.59	95	2815502	13.27	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 132.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	85112	0.599	ppbv		99
3) Chlorodifluoromethane	2.99	51	213081	2.645	ppbv	#	74
4) Chloromethane	3.17	50	27681	0.590	ppbv		100
7) Chloroethane	3.60	64	2563	0.150	ppbv		95
9) Propene	3.24	41	67113	2.107	ppbv		84
10) Heptane	8.25	43	43697	0.365	ppbv	#	50
11) Trichlorofluoromethane	4.01	101	37369	0.279	ppbv		96
12) 1,1,2-Trichlorotrifluoroet	4.55	101	4189	0.037	ppbv	#	12
13) Ethanol	3.66	45	36186	3.299	ppbv		84
15) Acetone	3.91	43	734193	8.040	ppbv		93
16) 1,3-Butadiene	3.37	39	2831	0.078	ppbv	#	1
17) tert-Butyl alcohol	4.36	59	783	0.034	ppbv	#	98
18) 1,1-Dichloroethene	4.35	96	2931	0.066	ppbv	#	1
19) Isopropyl Alcohol	4.04	45	3718	0.065	ppbv	#	95
20) Methylene Chloride	4.41	84	225119	5.044	ppbv		98
23) Vinyl Acetate	5.14	43	104199	0.674	ppbv	#	23
25) Ethyl Acetate	5.78	43	315139	1.461	ppbv	#	78
26) Hexane	5.79	57	454595	4.565	ppbv	#	43
27) Carbon Disulfide	4.62	76	665511	5.345	ppbv		98
29) Chloroform	5.85	83	3552163	19.989	ppbv		96
30) Cyclohexane	7.25	84	62158	0.753	ppbv		86
34) 2-Butanone	5.34	43	79105	0.633	ppbv		99
35) Carbon Tetrachloride	7.14	117	59481	0.264	ppbv		92
36) Benzene	7.01	78	112308	0.533	ppbv	#	87
38) Trichloroethene	7.96	130	45564	0.519	ppbv		83
39) 1,2-Dichloropropane	7.29	63	710890	8.889	ppbv	#	21
41) Tetrahydrofuran	6.16	42	175371	2.258	ppbv		100
42) Bromodichloromethane	7.93	83	23732	0.119	ppbv		93
44) 2,2,4-Trimethylpentane	7.99	57	55507	0.155	ppbv	#	21
52) Tetrachloroethene	11.40	164	16387999	213.645	ppbv		91
53) Toluene	9.95	91	831927	3.720	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.28	131	7691	0.060	ppbv	#	1
58) Ethyl Benzene	12.88	91	494470	1.614	ppbv		95
59) m/p-Xylene	13.14	91	1784642	6.425	ppbv	#	100
60) o-Xylene	13.86	91	849116	3.027	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.83	83	119763	0.550	ppbv	#	24
64) n-propylbenzene	15.74	120	23018	0.226	ppbv	#	1
65) tert-Butylbenzene	16.95	119	98168	0.271	ppbv	#	1
66) Benzyl Chloride	17.16	91	14410	0.072	ppbv	#	66
67) sec-Butylbenzene	17.79	105	338421	0.633	ppbv	#	68
69) p-Isopropyltoluene	17.83	119	16354	0.038	ppbv	#	48

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121118\

Quantitation Report (Not Reviewed)

Data File : VL032981.D
Acq On : 12 Dec 2018 11:36
Operator : SY/AP
Sample : J6338-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV1

Quant Time: Dec 12 15:04:28 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)
70) n-Butylbenzene	18.72	91	12125	0.030	ppbv	#	33
71) 2-Chlorotoluene	15.67	91	42025	0.144	ppbv	#	44
72) 4-Ethyltoluene	16.03	105	376626	1.203	ppbv	#	92
73) 1,3,5-Trimethylbenzene	16.19	105	352176	1.152	ppbv		98
74) 1,2,4-Trimethylbenzene	16.95	105	1422710	4.121	ppbv	#	71
79) Naphthalene	22.43	128	214233	0.961	ppbv		96
80) Naphthalene,2-methyl-	25.13	142	17658	0.371	ppbv	#	90

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121118\

Quantitation Report (Not Reviewed)

Data File : VL032981.D
Acq On : 12 Dec 2018 11:36
Operator : SY/AP
Sample : J6338-01
Misc : 400ml/MSVOA_L
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Instrument : MSVOA_L
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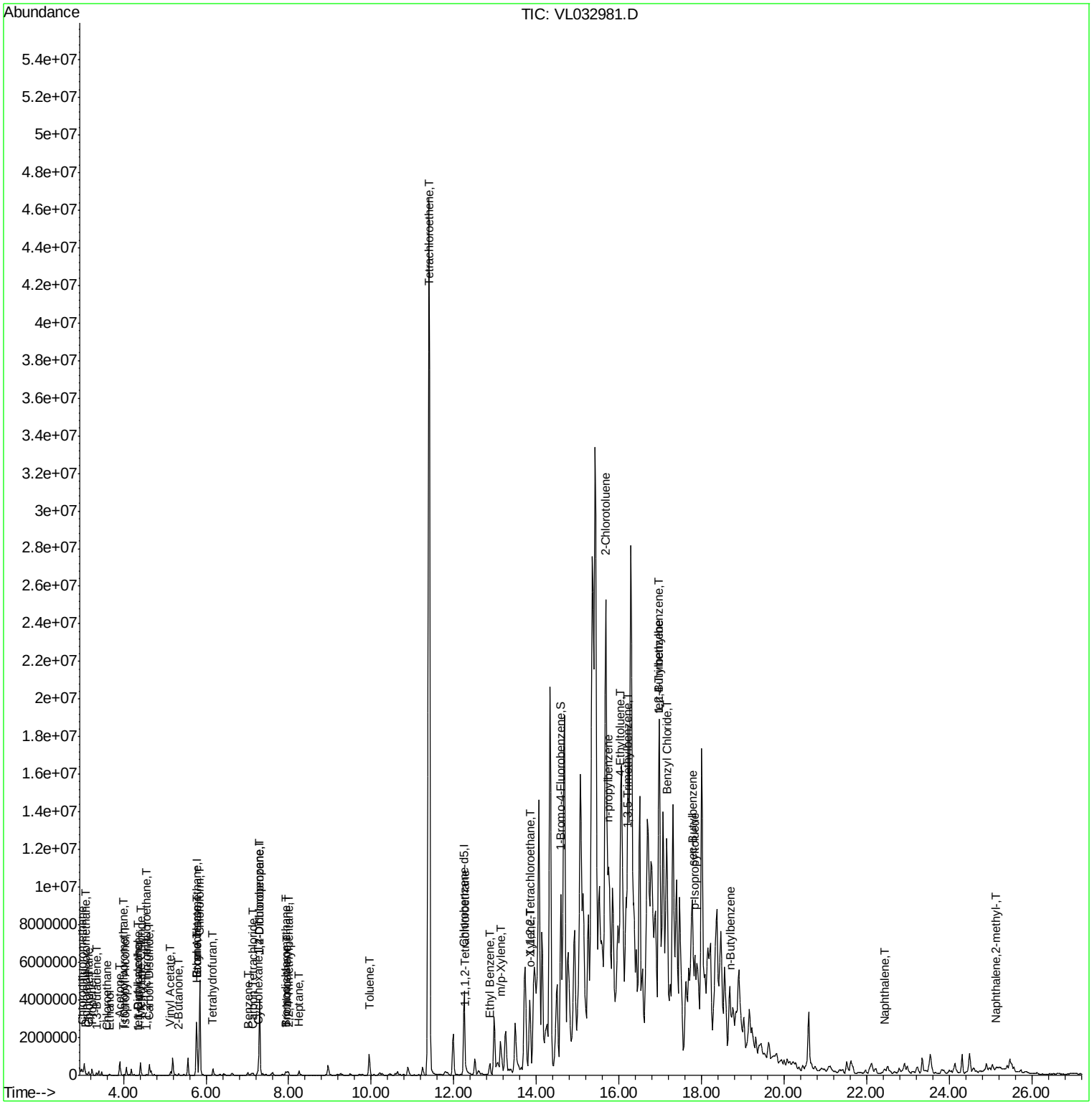
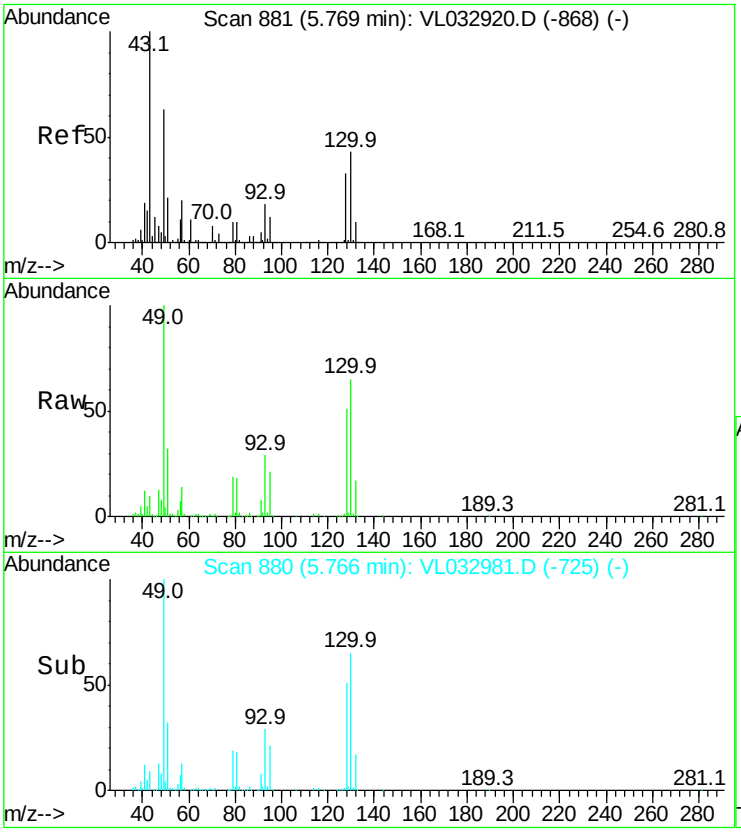
Quant Time: Dec 12 15:04:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Dec 07 09:35:17 2018
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration



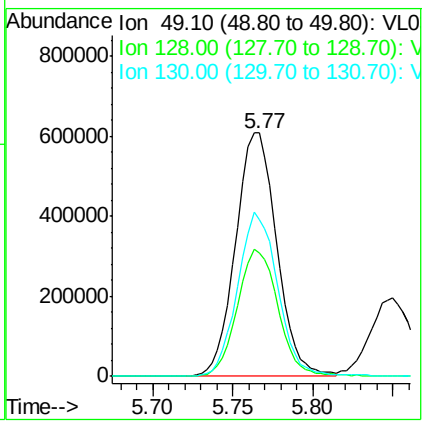


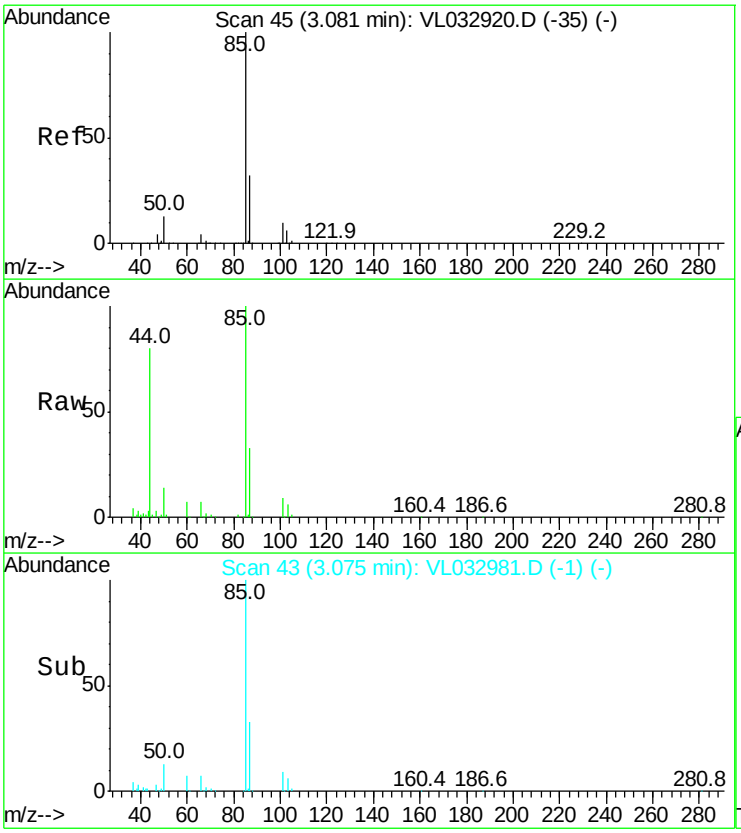
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 880
Delta R.T. -0.00 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 49 Resp: 1063887

Ion	Ratio	Lower	Upper
49	100		
128	52.2	26.3	78.8
130	66.3	33.9	101.7

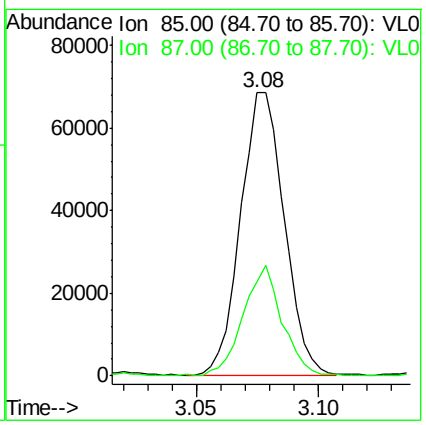


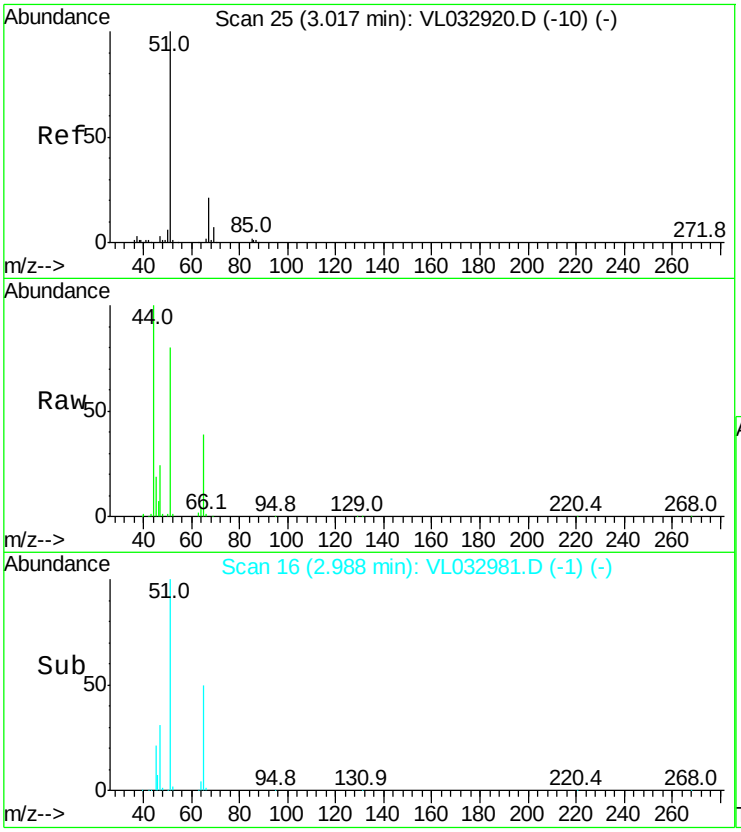


#2
Dichlorodifluoromethane
Concen: 0.599 ppbv
RT: 3.08 min Scan# 43
Delta R.T. -0.01 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Tgt Ion: 85 Resp: 85112

Ion	Ratio	Lower	Upper
85	100		
87	32.7	25.7	38.5



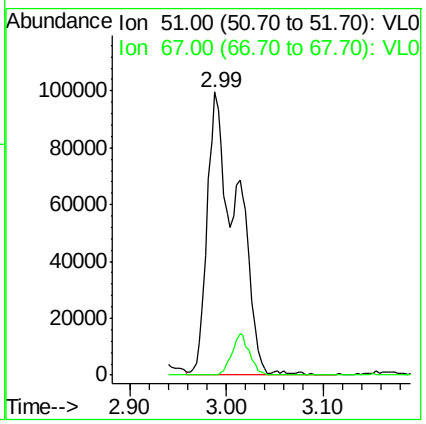


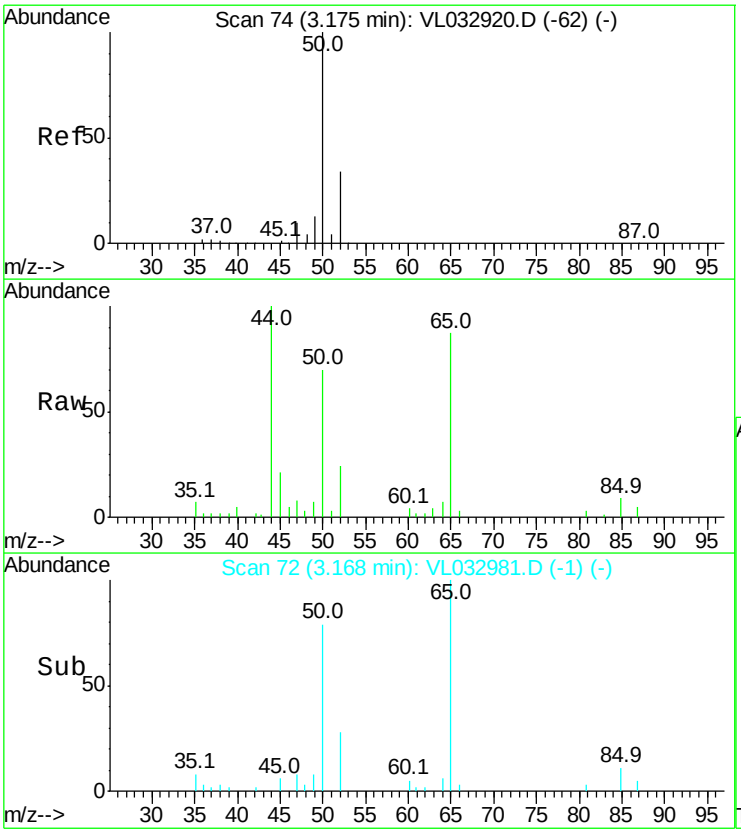
#3
Chlorodifluoromethane
Concen: 2.645 ppbv
RT: 2.99 min Scan# 16
Delta R.T. -0.03 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 51 Resp: 213081

Ion	Ratio	Lower	Upper
51	100		
67	8.6	16.8	25.2#

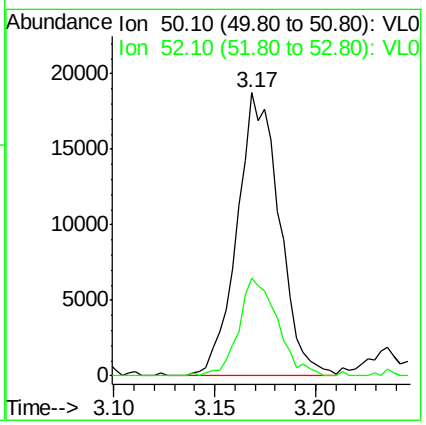


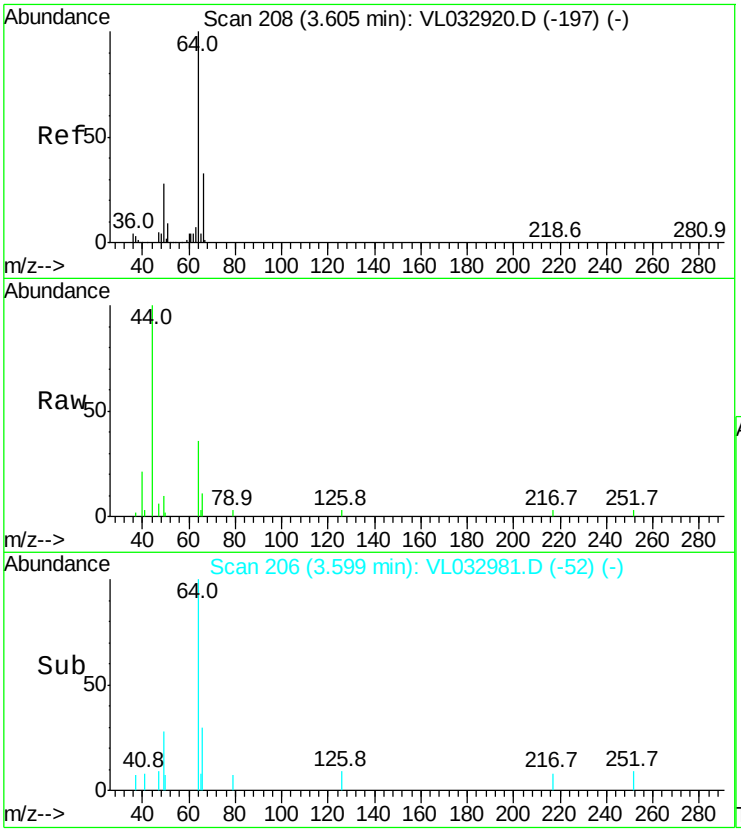


#4
Chloromethane
Concen: 0.590 ppbv
RT: 3.17 min Scan# 72
Delta R.T. -0.01 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Tgt Ion: 50 Resp: 27681

Ion	Ratio	Lower	Upper
50	100		
52	34.4	27.3	40.9



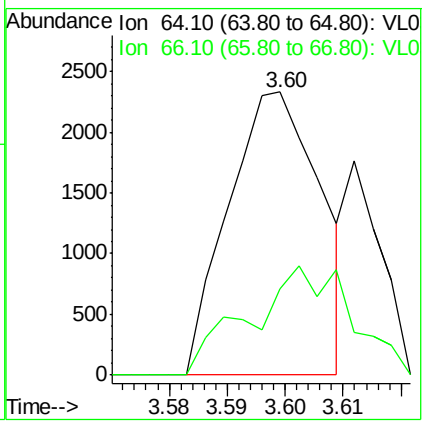


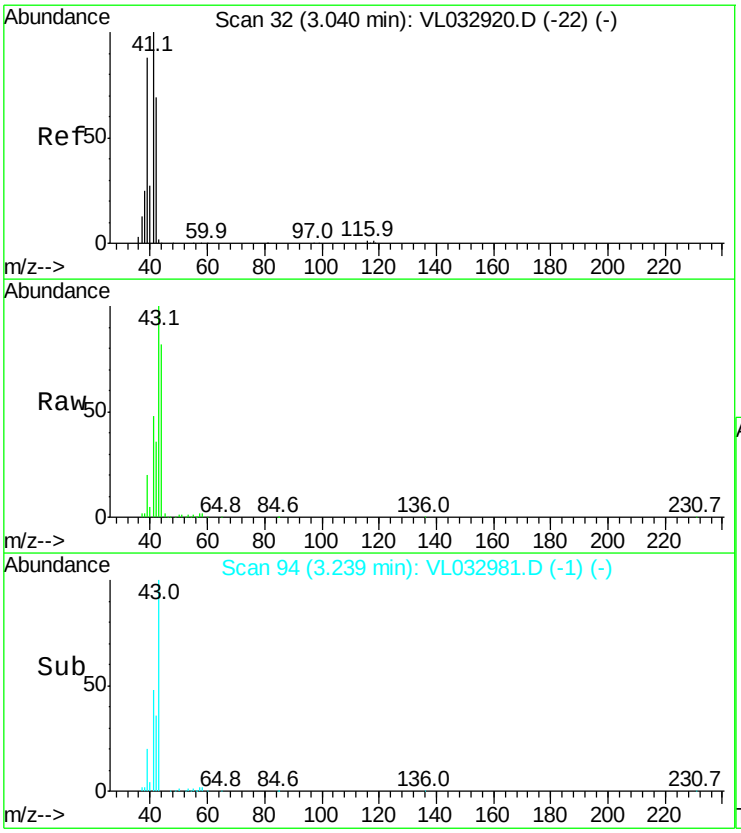
#7
Chloroethane
Concen: 0.150 ppbv
RT: 3.60 min Scan# 206
Delta R.T. -0.01 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 64 Resp: 2563

Ion	Ratio	Lower	Upper
64	100		
66	30.4	26.6	40.0

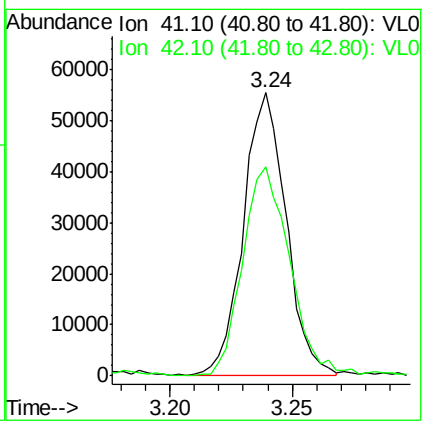


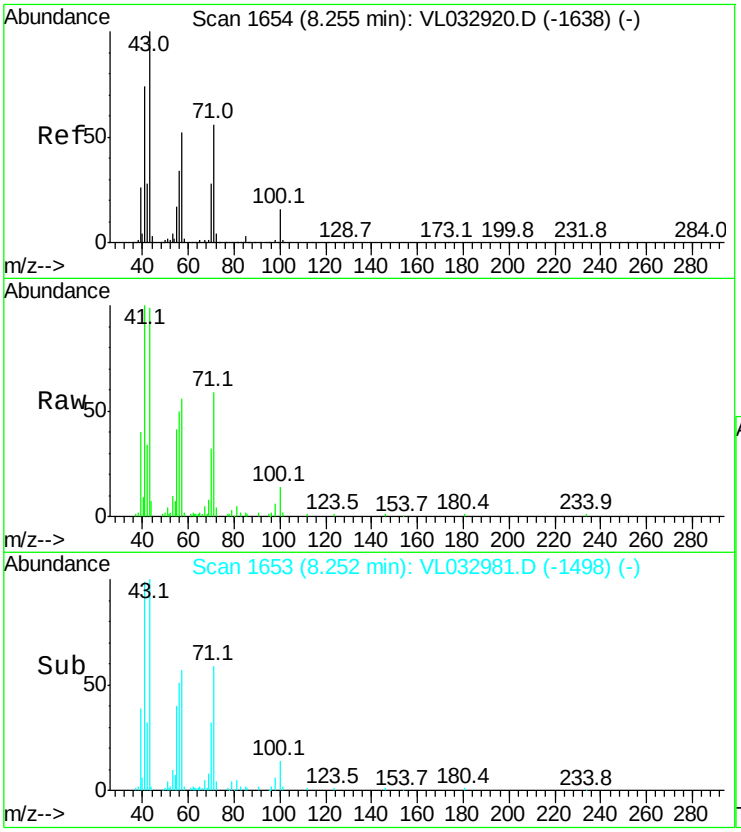


#9
Propene
Concen: 2.107 ppbv
RT: 3.24 min Scan# 94
Delta R.T. 0.20 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Tgt Ion: 41 Resp: 67113

Ion	Ratio	Lower	Upper
41	100		
42	82.9	56.2	84.2



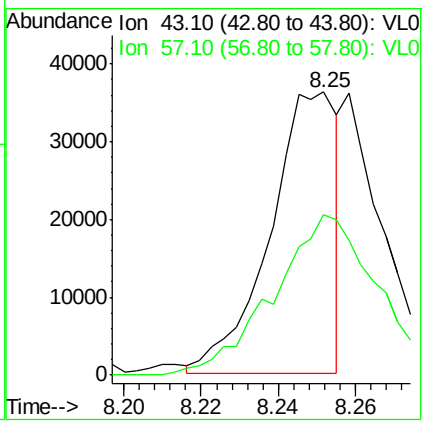


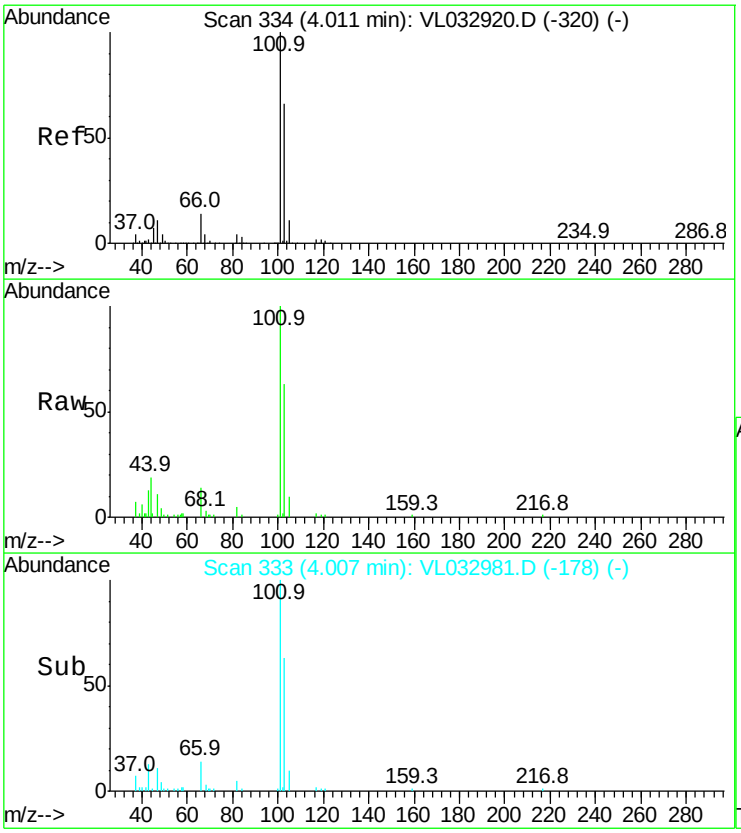
#10
Heptane
Concen: 0.365 ppbv
RT: 8.25 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 43 Resp: 43697

Ion	Ratio	Lower	Upper
43	100		
57	87.3	41.8	62.6#

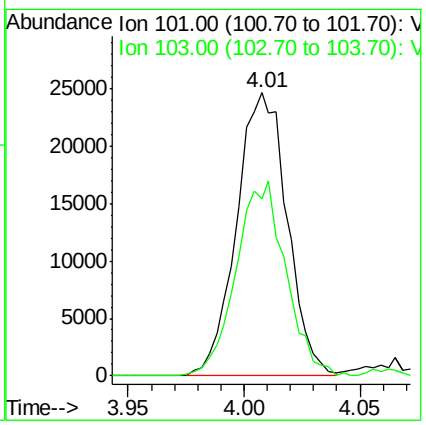


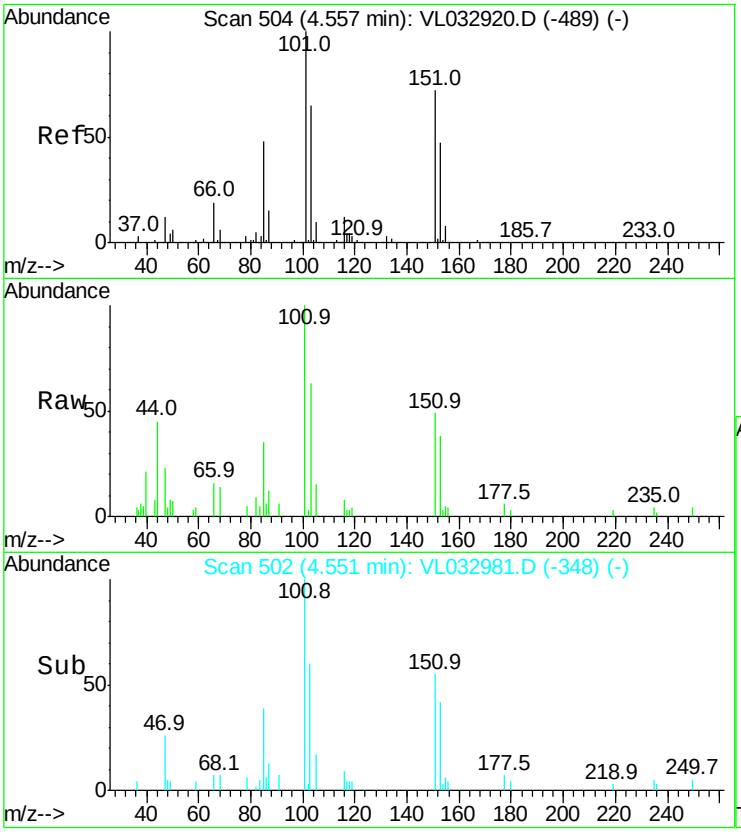


#11
Trichlorofluoromethane
Concen: 0.279 ppbv
RT: 4.01 min Scan# 333
Delta R.T. -0.00 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Tgt Ion:101 Resp: 37369

Ion	Ratio	Lower	Upper
101	100		
103	62.7	52.7	79.1



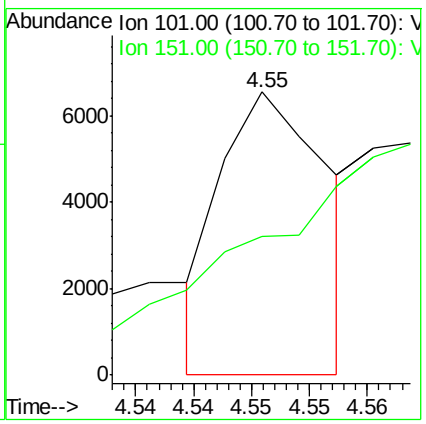


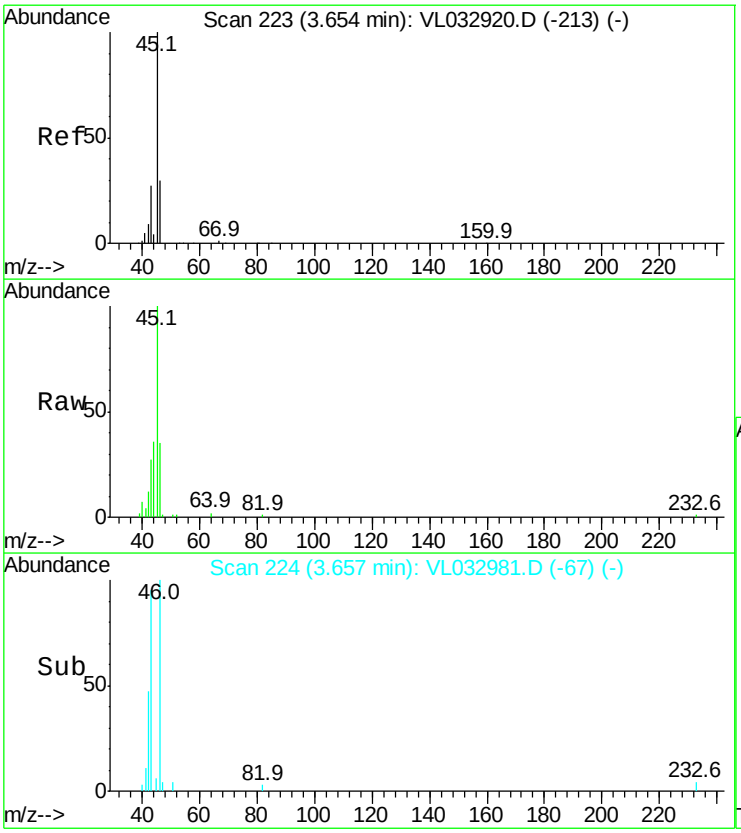
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.037 ppbv
RT: 4.55 min Scan# 502
Delta R.T. -0.01 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion:101 Resp: 4189

Ion	Ratio	Lower	Upper
101	100		
151	0.0	59.3	88.9#

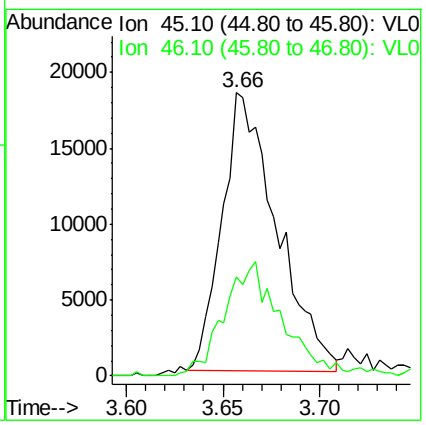


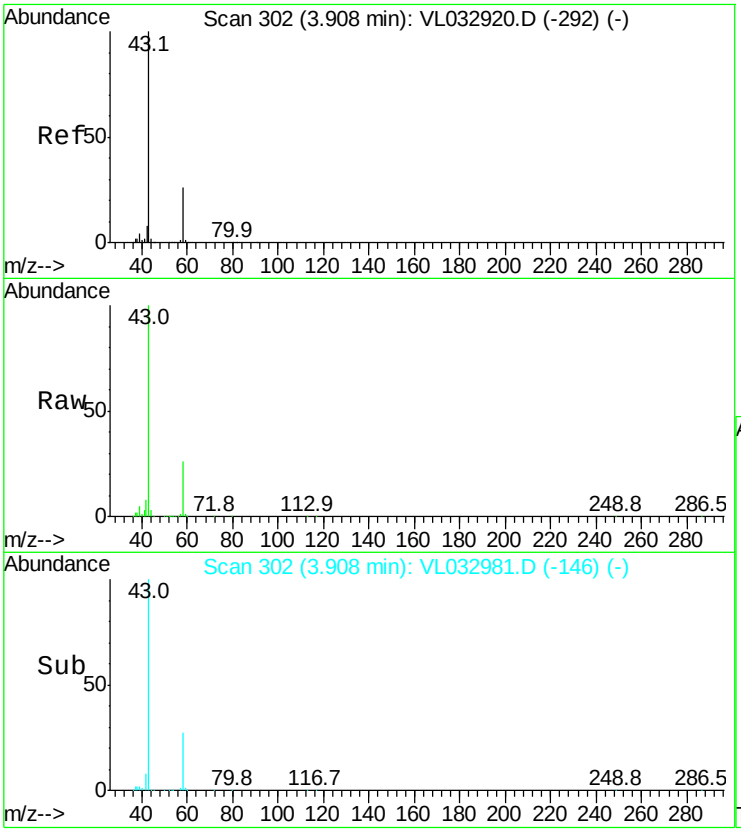


#13
Ethanol
Concen: 3.299 ppbv
RT: 3.66 min Scan# 224
Delta R.T. 0.00 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Tgt Ion: 45 Resp: 36186

Ion	Ratio	Lower	Upper
45	100		
46	44.1	13.8	55.4



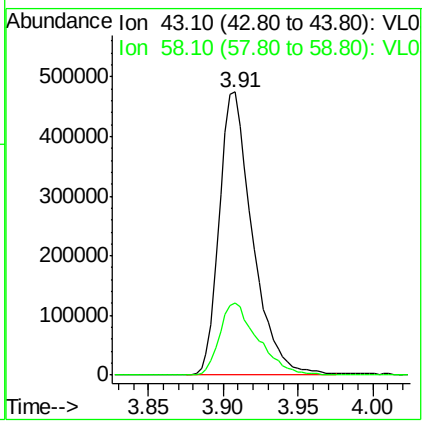


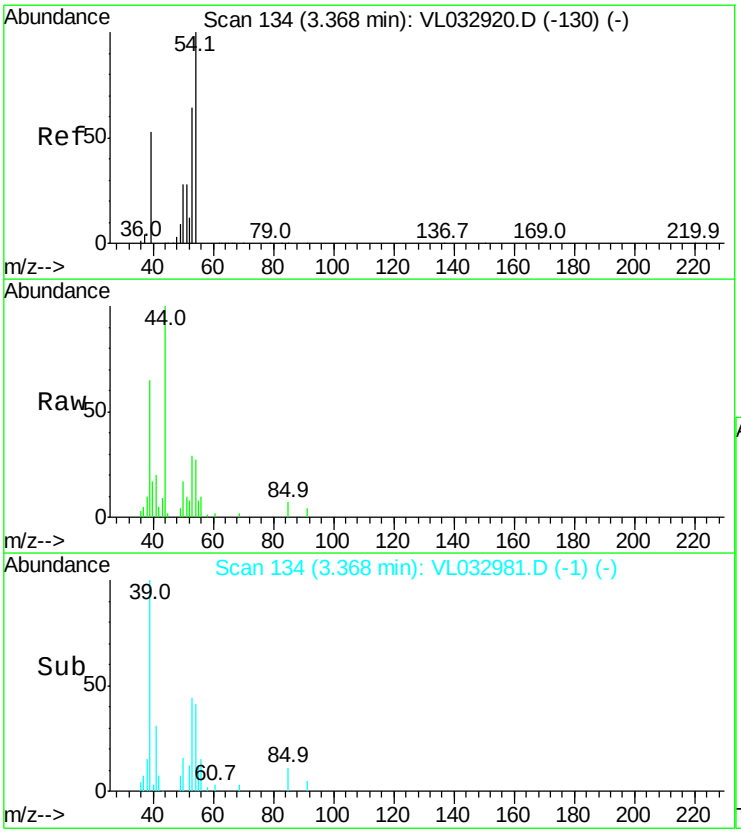
#15
Acetone
Concen: 8.040 ppbv
RT: 3.91 min Scan# 302
Delta R.T. 0.00 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 43 Resp: 734193

Ion	Ratio	Lower	Upper
43	100		
58	29.4	20.6	30.8

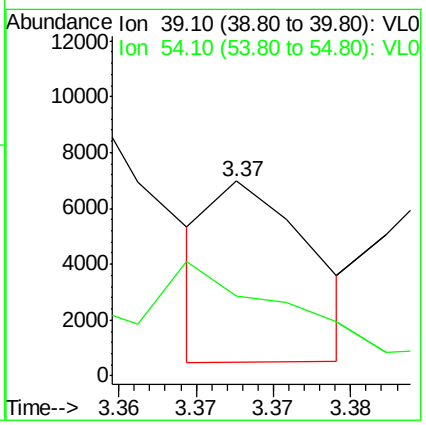


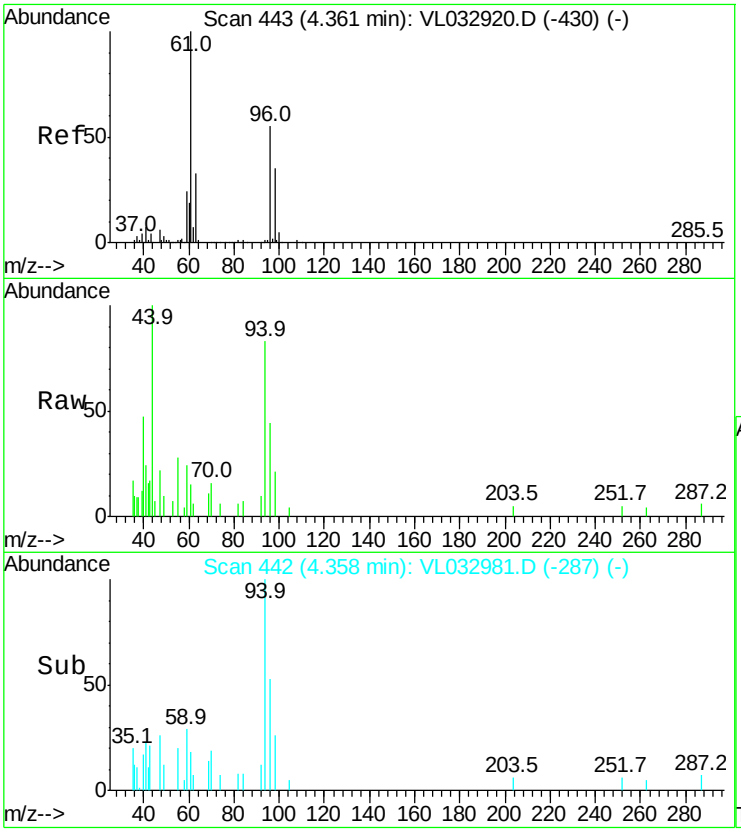


#16
1,3-Butadiene
Concen: 0.078 ppbv
RT: 3.37 min Scan# 134
Delta R.T. 0.00 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Tgt Ion: 39 Resp: 2831

Ion	Ratio	Lower	Upper
39	100		
54	243.4	72.7	109.1#



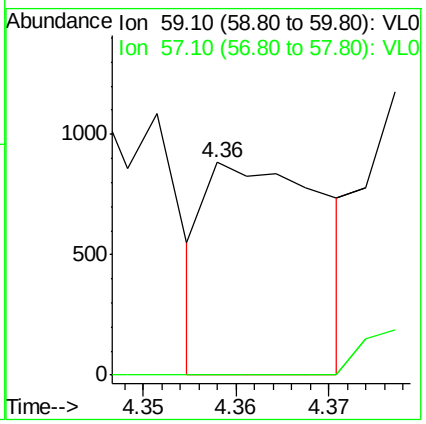


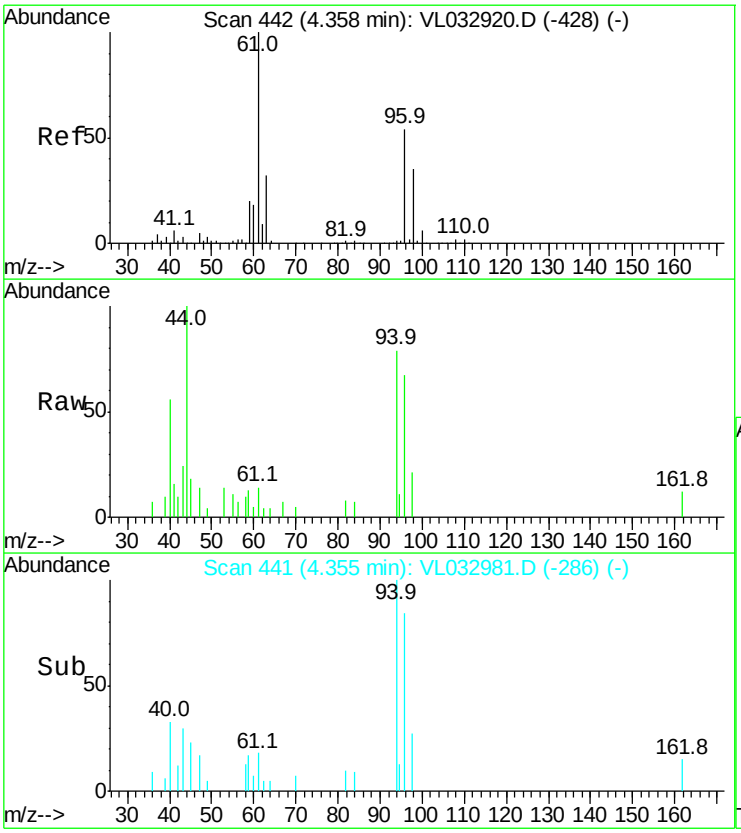
#17
tert-Butyl alcohol
Concen: 0.034 ppbv
RT: 4.36 min Scan# 442
Delta R.T. -0.00 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 59 Resp: 783

Ion	Ratio	Lower	Upper
59	100		
57	0.0	0.6	1.0#

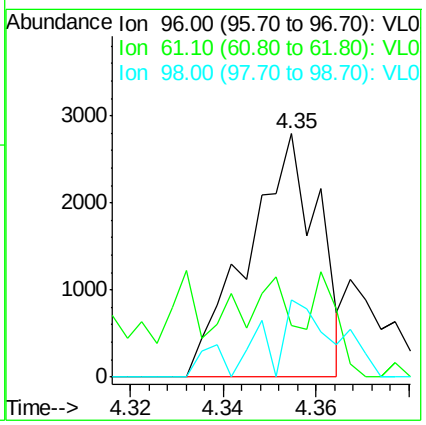


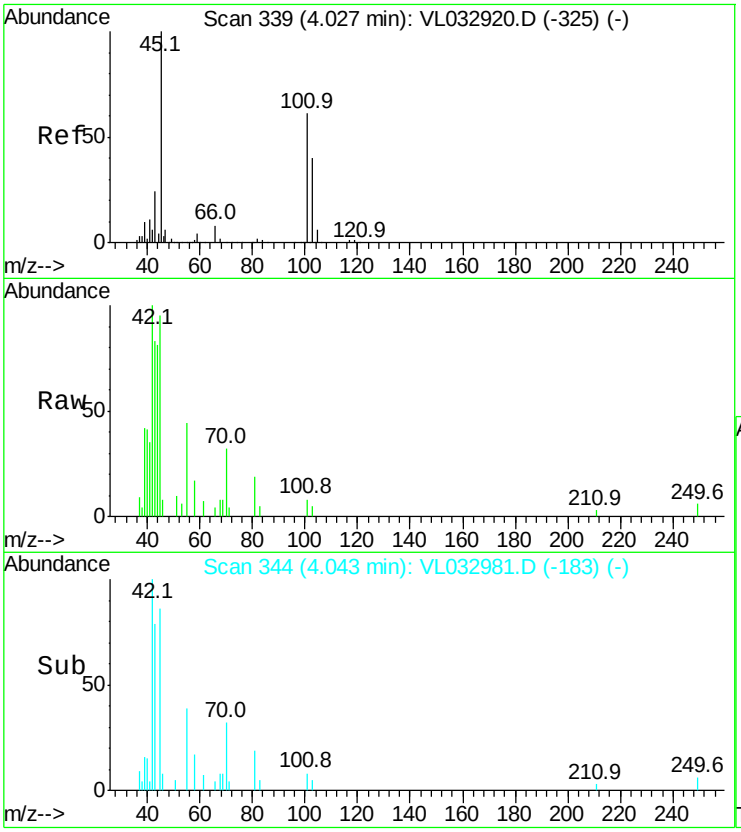


#18
1,1-Dichloroethene
Concen: 0.066 ppbv
RT: 4.35 min Scan# 441
Delta R.T. -0.00 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Tgt Ion: 96 Resp: 2931

Ion	Ratio	Lower	Upper
96	100		
61	0.0	147.0	220.4#
98	31.7	50.7	76.1#



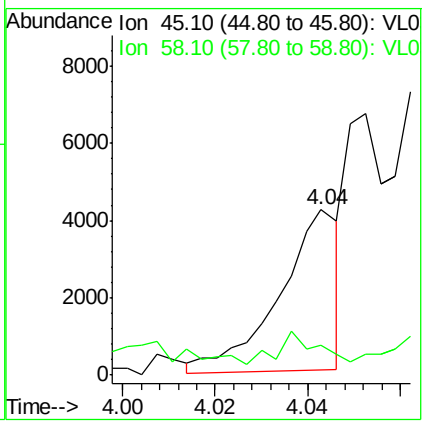


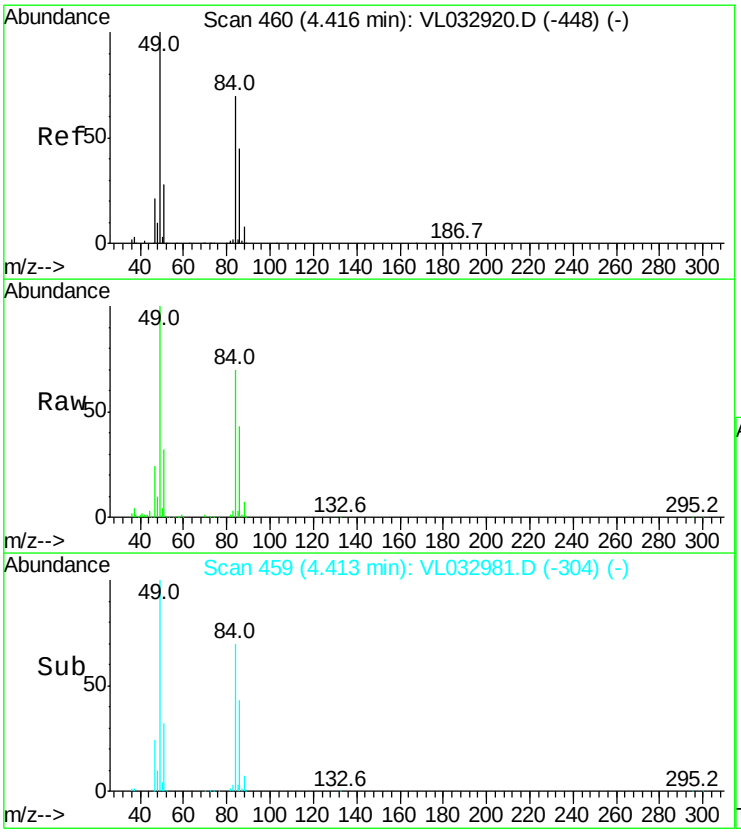
#19
Isopropyl Alcohol
Concen: 0.065 ppbv
RT: 4.04 min Scan# 344
Delta R.T. 0.02 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 45 Resp: 3718

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.4	2.2#

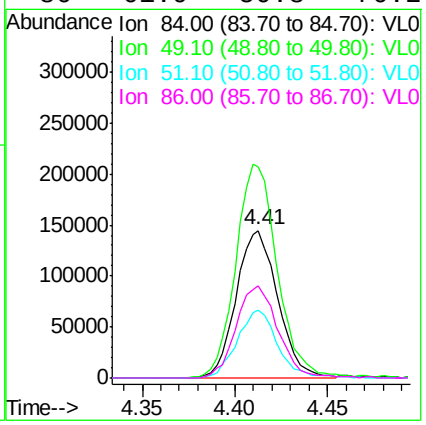


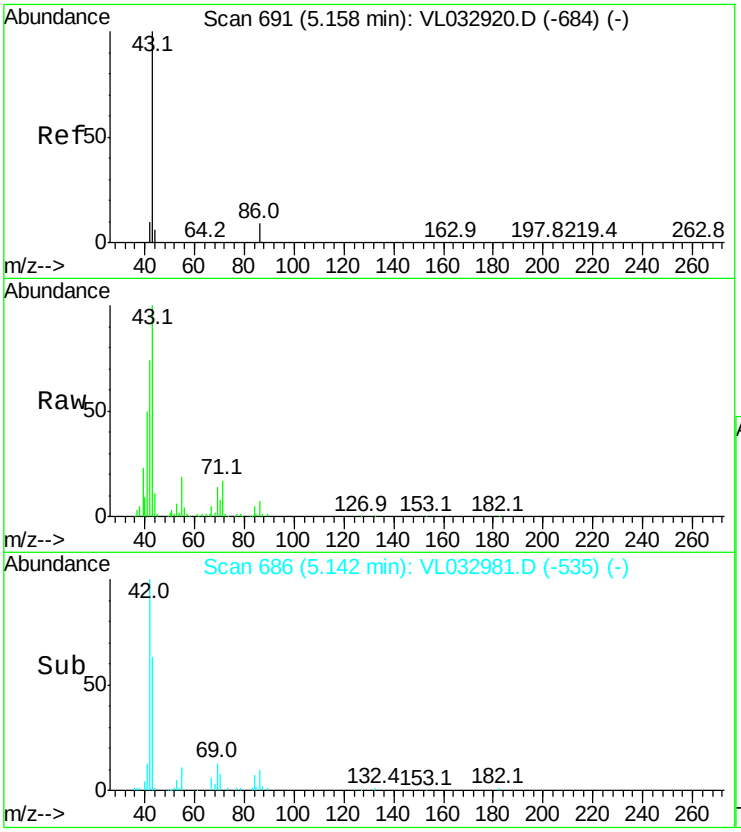


#20
Methylene Chloride
Concen: 5.044 ppbv
RT: 4.41 min Scan# 459
Delta R.T. -0.00 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Tgt Ion: 84 Resp: 225119

Ion	Ratio	Lower	Upper
84	100		
49	143.2	113.8	170.8
51	45.7	31.8	47.8
86	61.9	50.8	76.2



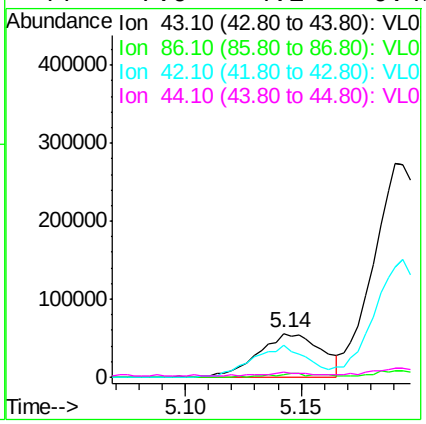


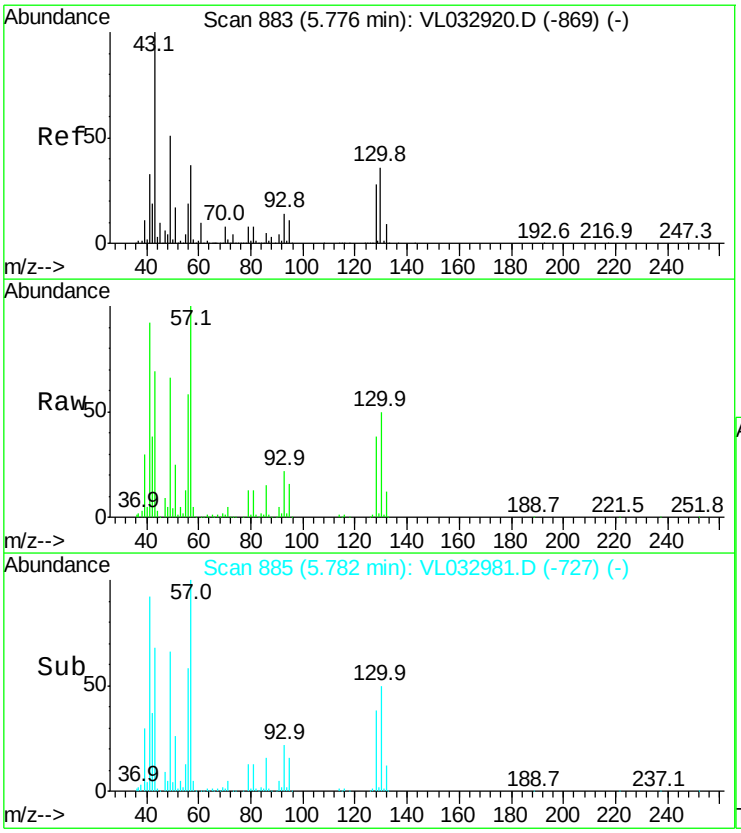
#23
Vinyl Acetate
Concen: 0.674 ppbv
RT: 5.14 min Scan# 686
Delta R.T. -0.02 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 43 Resp: 104199

Ion	Ratio	Lower	Upper
43	100		
86	6.9	6.6	9.8
42	73.9	8.3	12.5#
44	7.9	4.2	6.4#

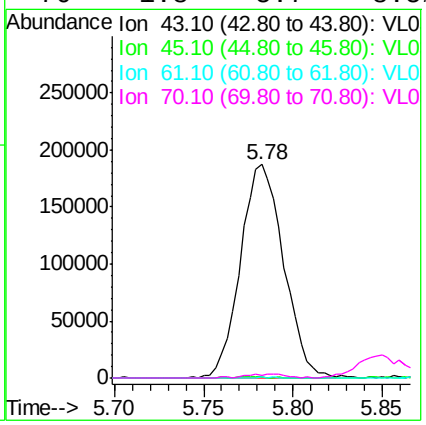


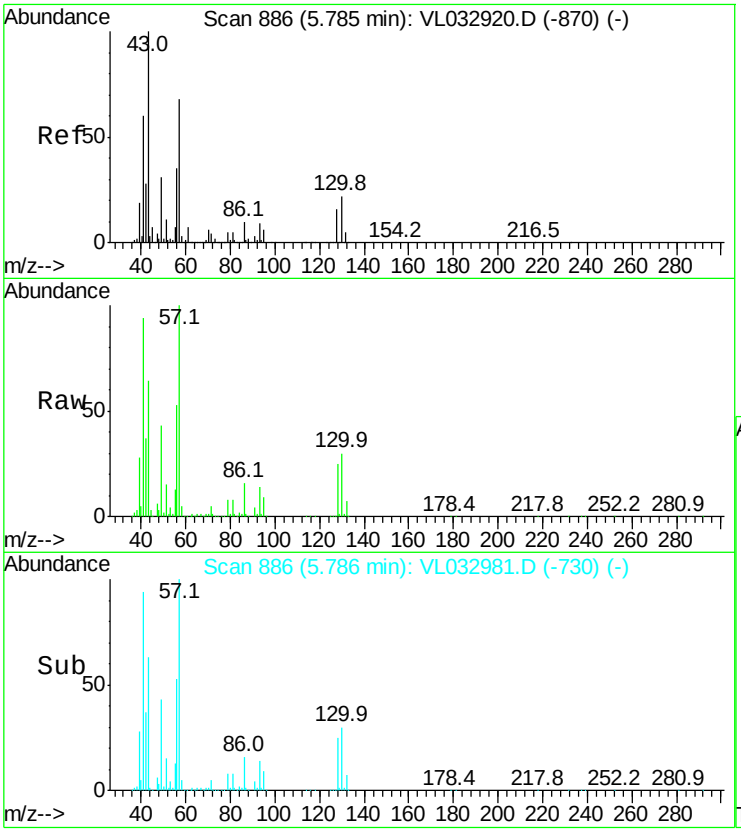


#25
Ethyl Acetate
Concen: 1.461 ppbv
RT: 5.78 min Scan# 885
Delta R.T. 0.01 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Tgt Ion: 43 Resp: 315139

Ion	Ratio	Lower	Upper
43	100		
45	0.7	7.8	11.6#
61	0.2	7.4	11.2#
70	1.8	5.7	8.5#



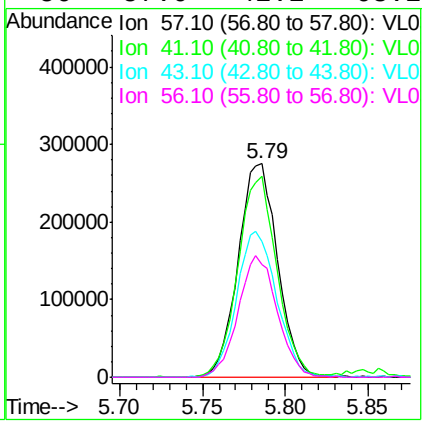


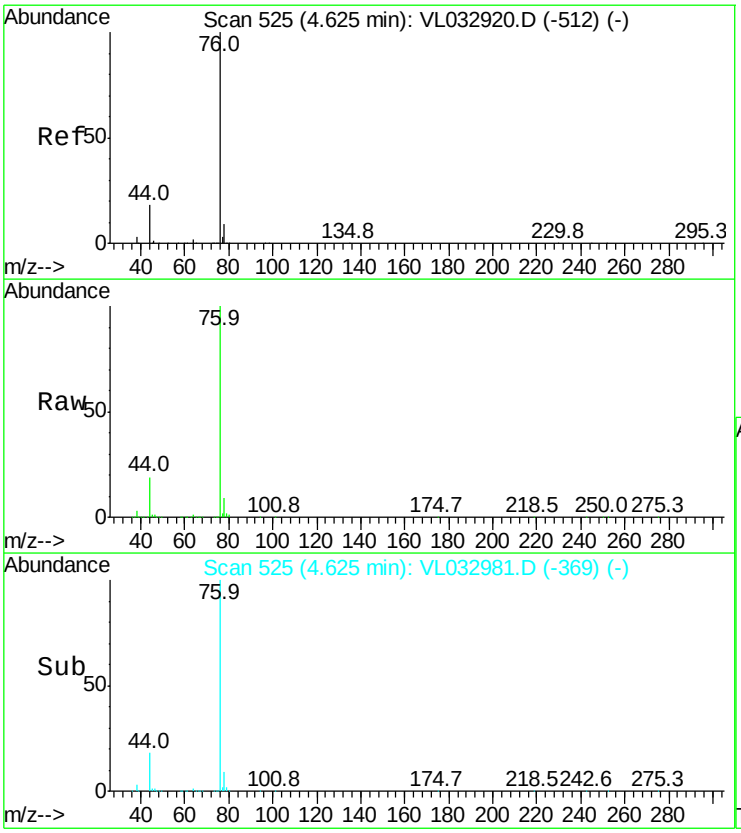
#26
Hexane
Concen: 4.565 ppbv
RT: 5.79 min Scan# 886
Delta R.T. 0.00 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 57 Resp: 454595

Ion	Ratio	Lower	Upper
57	100		
41	93.4	72.2	108.2
43	70.0	171.9	257.9#
56	57.0	42.2	63.2

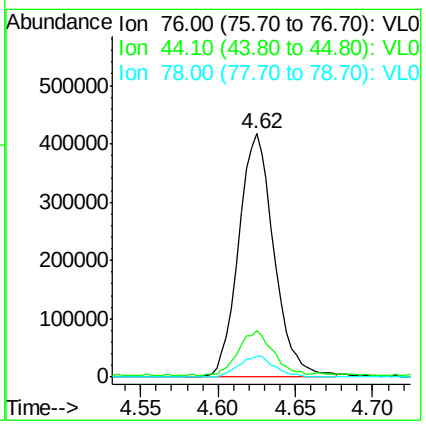


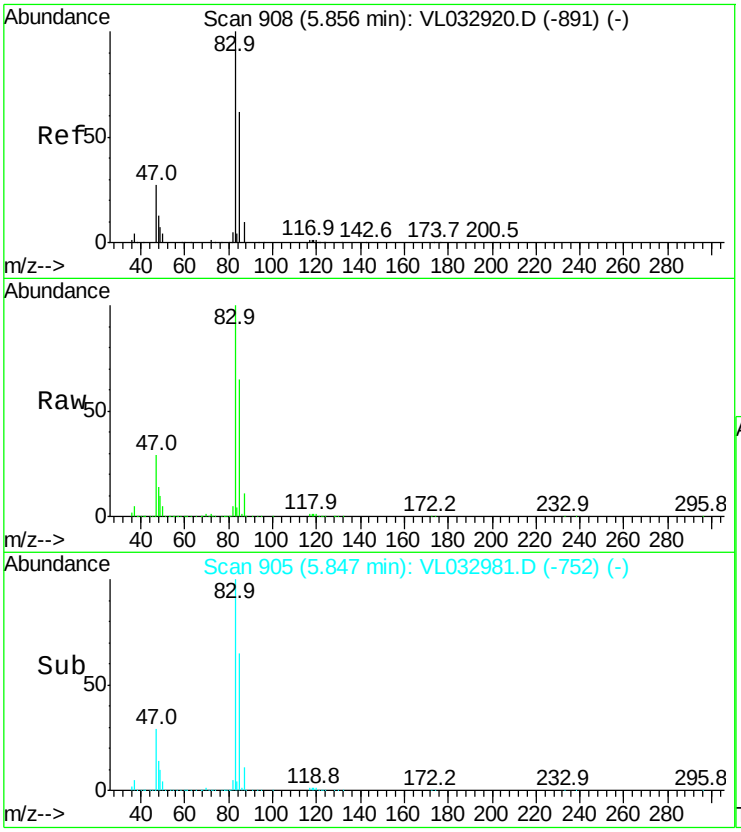


#27
Carbon Disulfide
Concen: 5.345 ppbv
RT: 4.62 min Scan# 525
Delta R.T. 0.00 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Tgt Ion: 76 Resp: 665511

Ion	Ratio	Lower	Upper
76	100		
44	19.5	14.7	22.1
78	9.1	7.4	11.2



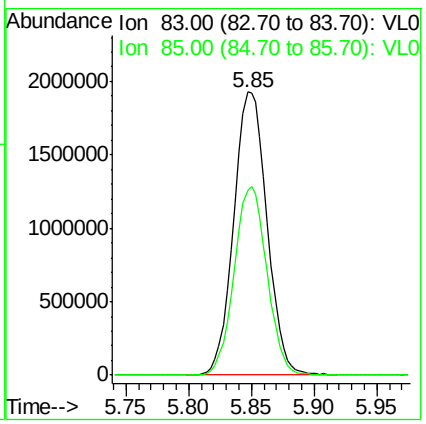


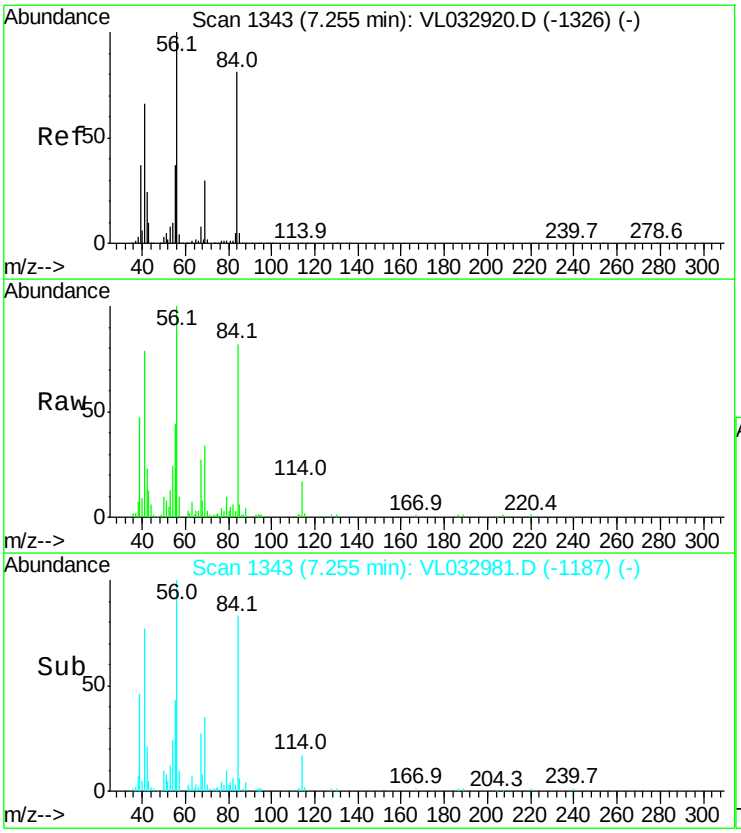
#29
Chloroform
Concen: 19.989 ppbv
RT: 5.85 min Scan# 905
Delta R.T. -0.01 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 83 Resp: 3552163

Ion	Ratio	Lower	Upper
83	100		
85	65.4	49.8	74.8

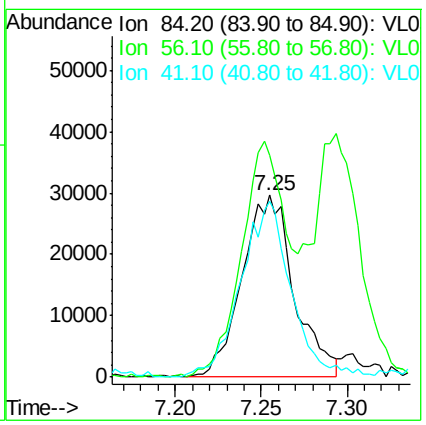


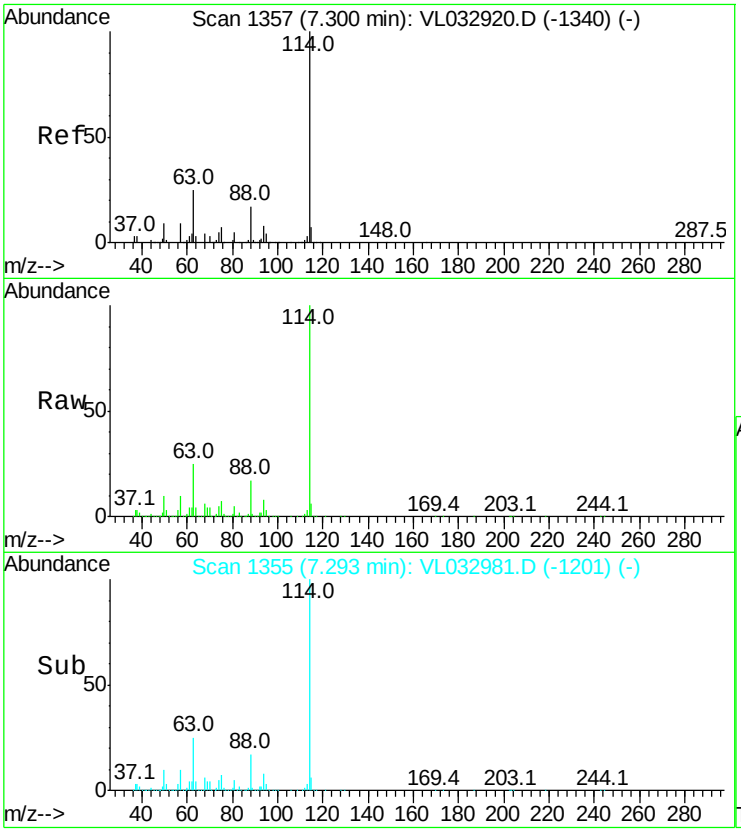


#30
Cyclohexane
Concen: 0.753 ppbv
RT: 7.25 min Scan# 1343
Delta R.T. 0.00 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Tgt Ion: 84 Resp: 62158

Ion	Ratio	Lower	Upper
84	100		
56	113.3	102.5	153.7
41	93.8	64.1	96.1



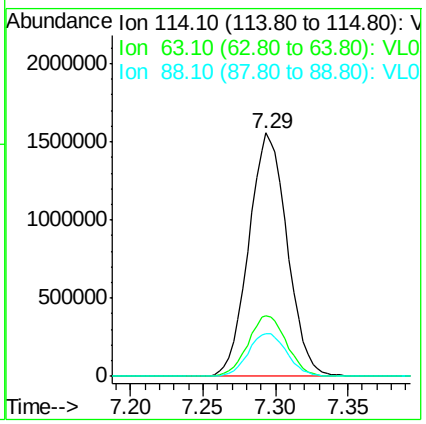


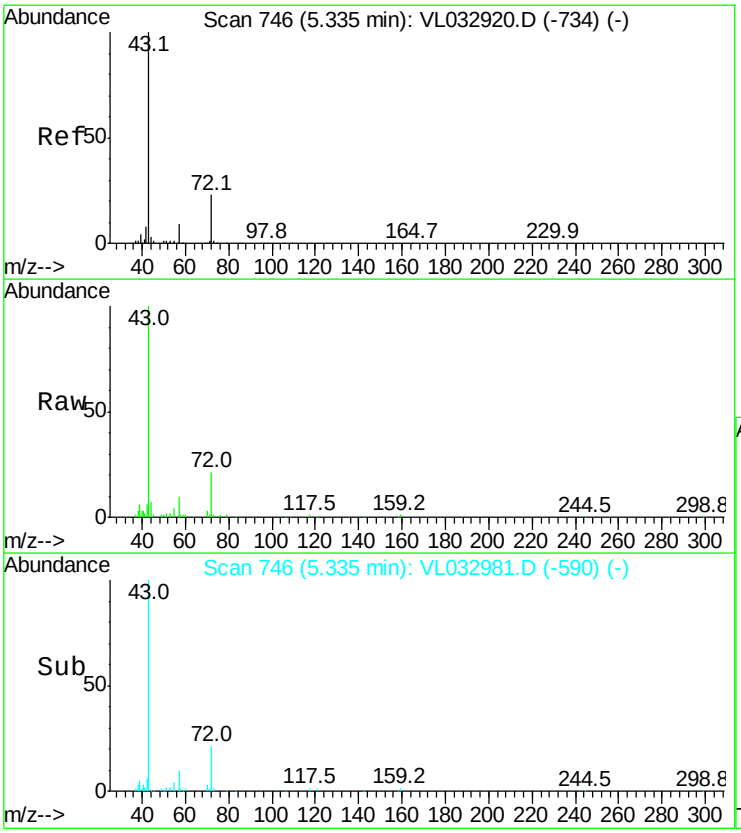
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.01 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion:114 Resp: 2867034

Ion	Ratio	Lower	Upper
114	100		
63	25.2	20.1	30.1
88	17.8	14.2	21.4

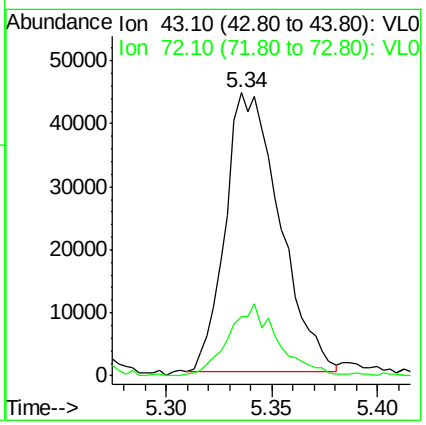


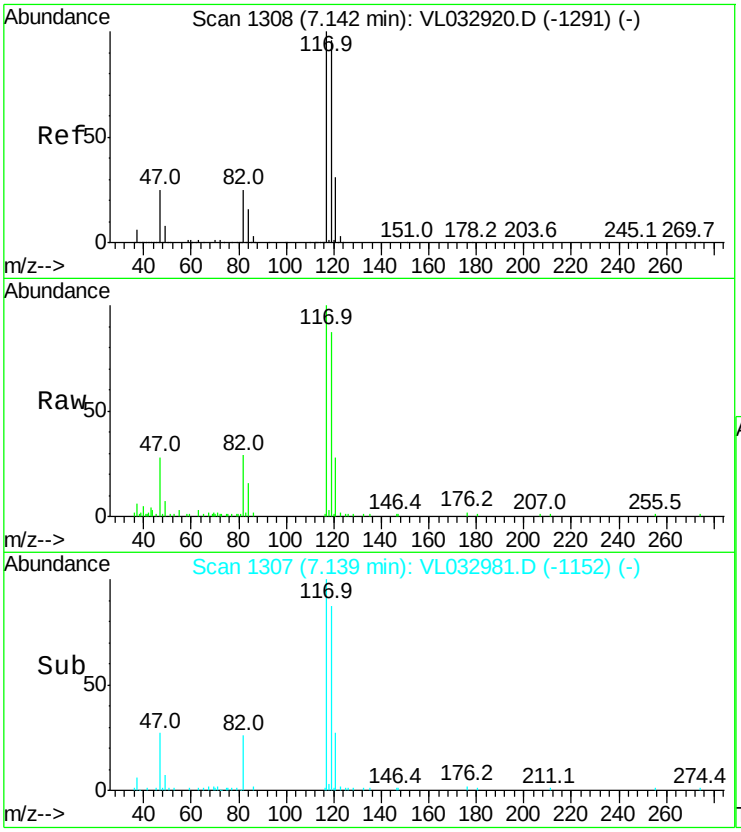


#34
2-Butanone
Concen: 0.633 ppbv
RT: 5.34 min Scan# 746
Delta R.T. 0.00 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Tgt Ion: 43 Resp: 79105

Ion	Ratio	Lower	Upper
43	100		
72	24.1	18.8	28.2



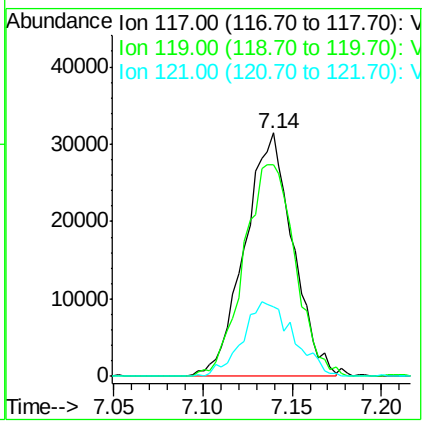


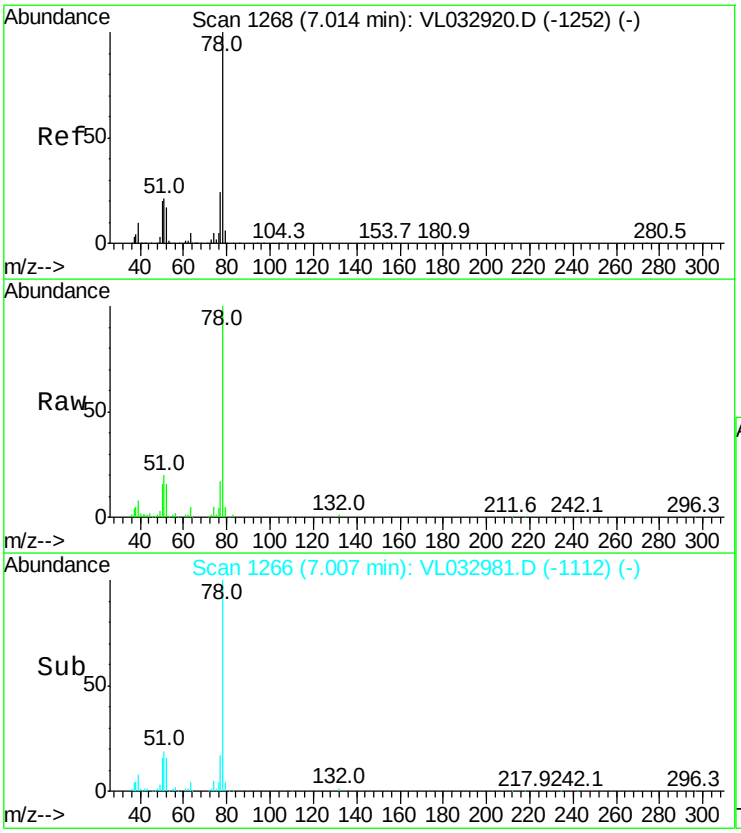
#35
Carbon Tetrachloride
Concen: 0.264 ppbv
RT: 7.14 min Scan# 1307
Delta R.T. -0.00 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion:117 Resp: 59481

Ion	Ratio	Lower	Upper
117	100		
119	87.1	76.5	114.7
121	28.3	24.5	36.7

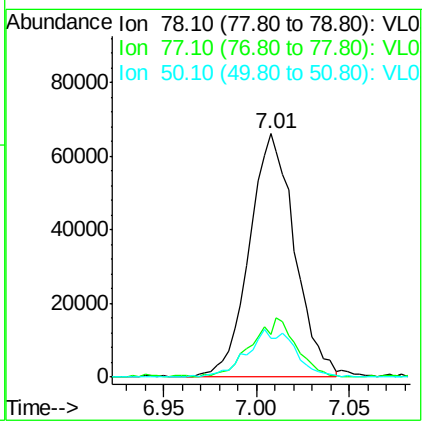


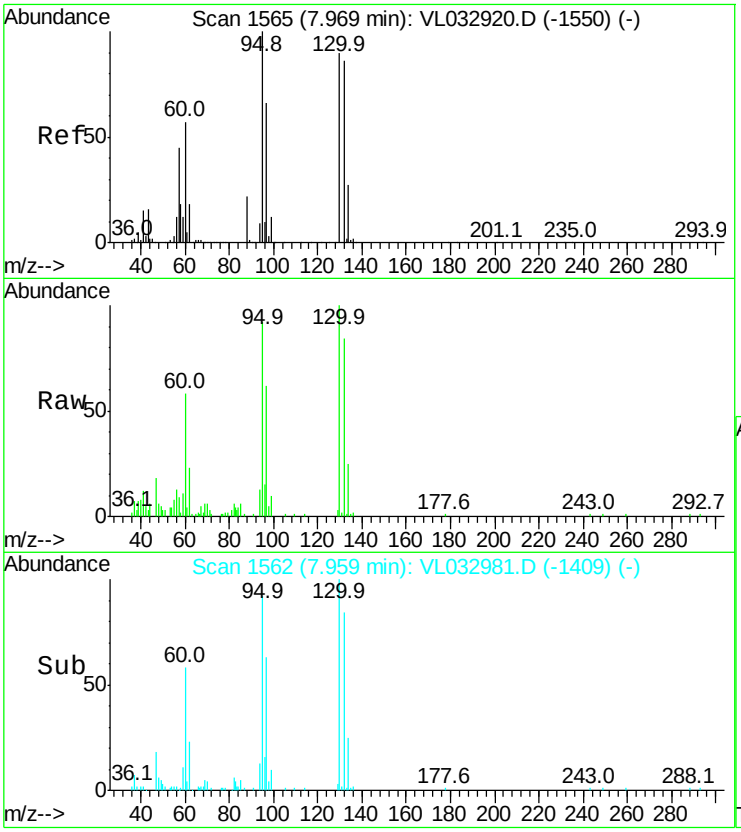


#36
Benzene
Concen: 0.533 ppbv
RT: 7.01 min Scan# 1266
Delta R.T. -0.01 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Tgt Ion: 78 Resp: 112308

Ion	Ratio	Lower	Upper
78	100		
77	16.8	18.9	28.3#
50	15.1	16.1	24.1#



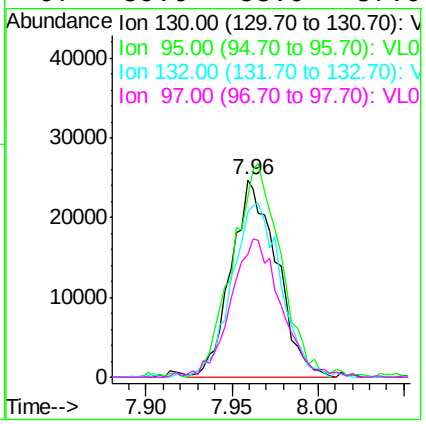


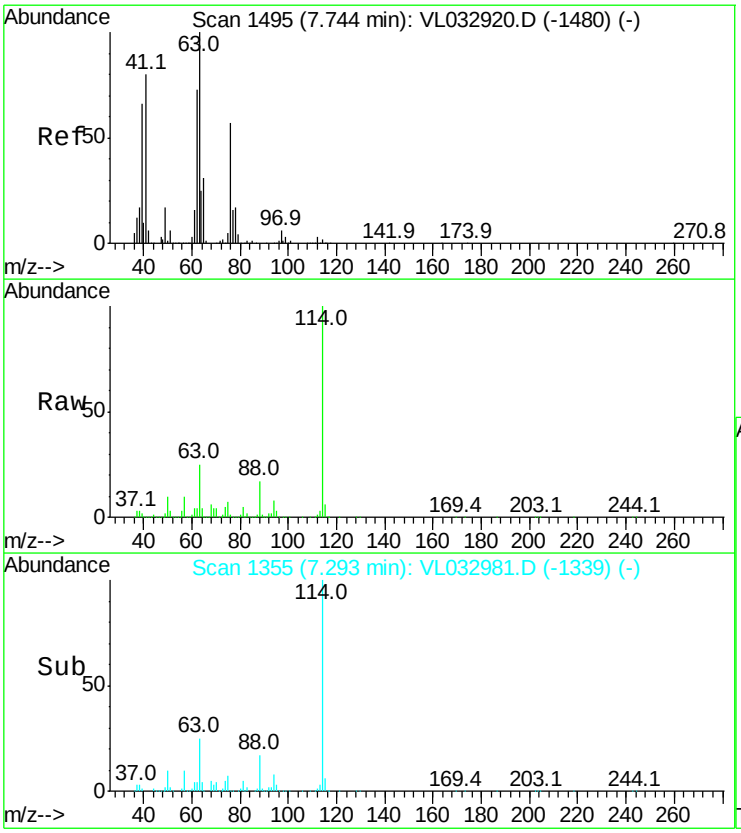
#38
Trichloroethene
Concen: 0.519 ppbv
RT: 7.96 min Scan# 1562
Delta R.T. -0.01 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion:130 Resp: 45564

Ion	Ratio	Lower	Upper
130	100		
95	90.1	88.6	132.8
132	81.5	76.1	114.1
97	59.6	58.0	87.0

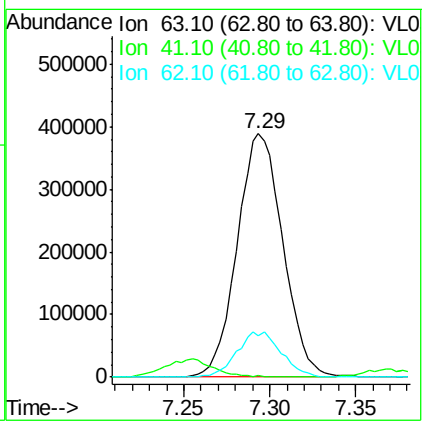


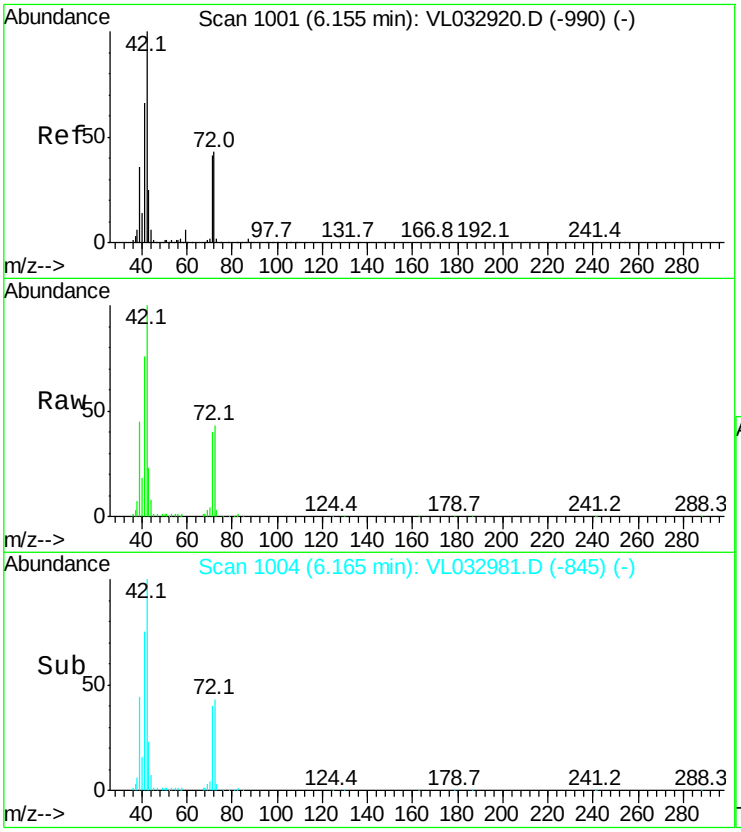


#39
1,2-Dichloropropane
Concen: 8.889 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.45 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Tgt Ion: 63 Resp: 710890

Ion	Ratio	Lower	Upper
63	100		
41	0.2	63.9	95.9#
62	17.0	58.8	88.2#



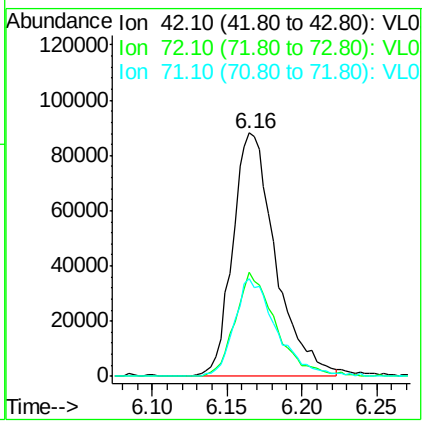


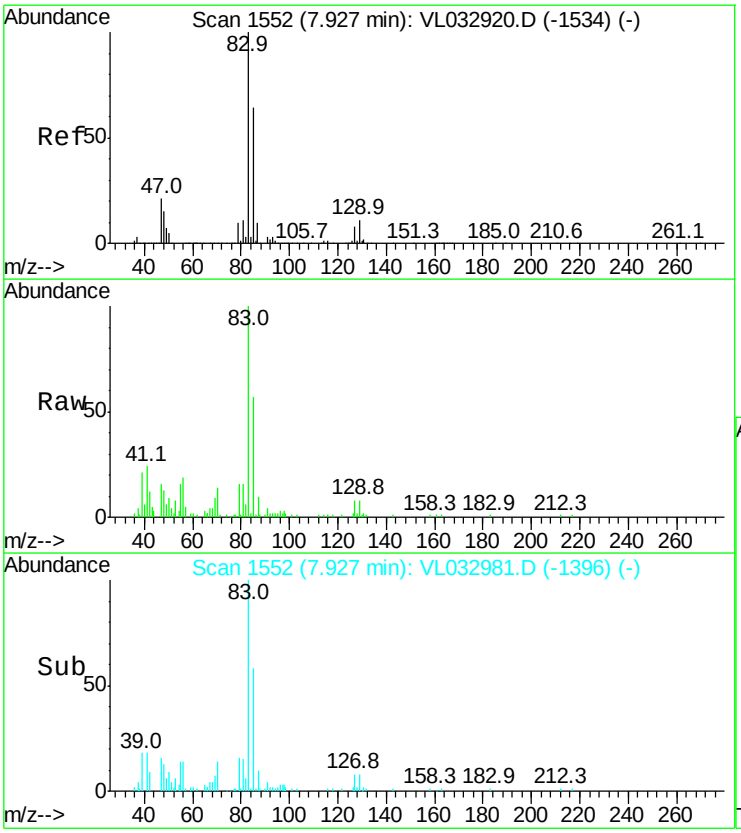
#41
Tetrahydrofuran
Concen: 2.258 ppbv
RT: 6.16 min Scan# 1004
Delta R.T. 0.01 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 42 Resp: 175371

Ion	Ratio	Lower	Upper
42	100		
72	40.8	32.9	49.3
71	39.7	32.0	48.0

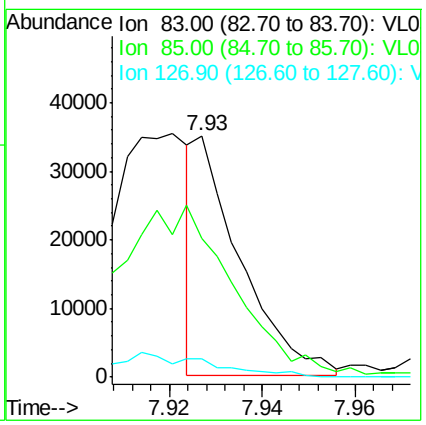


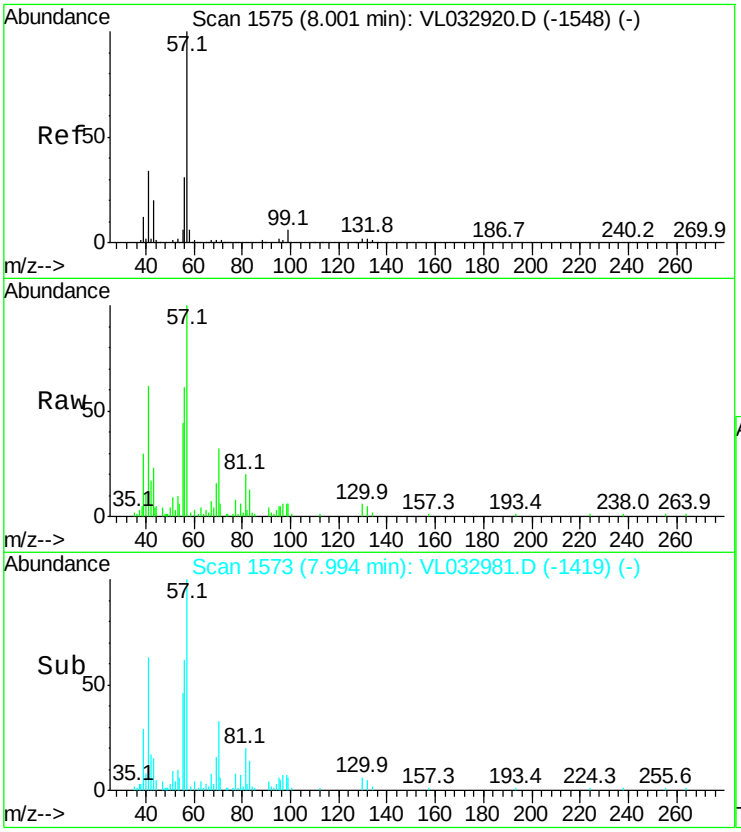


#42
Bromodichloromethane
Concen: 0.119 ppbv
RT: 7.93 min Scan# 1552
Delta R.T. 0.00 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Tgt Ion: 83 Resp: 23732

Ion	Ratio	Lower	Upper
83	100		
85	57.5	50.9	76.3
127	7.9	6.7	10.1



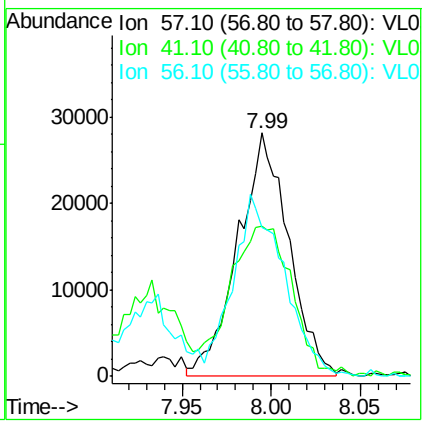


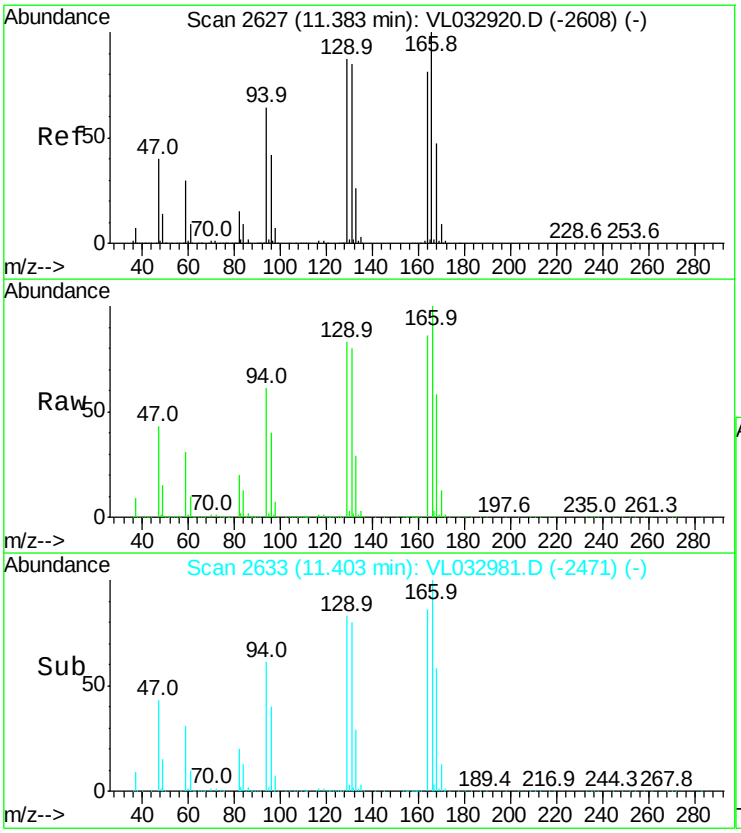
#44
2,2,4-Trimethylpentane
Concen: 0.155 ppbv
RT: 7.99 min Scan# 1573
Delta R.T. -0.01 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Instrument : MSVOA_L
ClientSampleId : SV1

Tgt Ion: 57 Resp: 55507

Ion	Ratio	Lower	Upper
57	100		
41	76.2	27.0	40.4#
56	77.3	24.6	37.0#

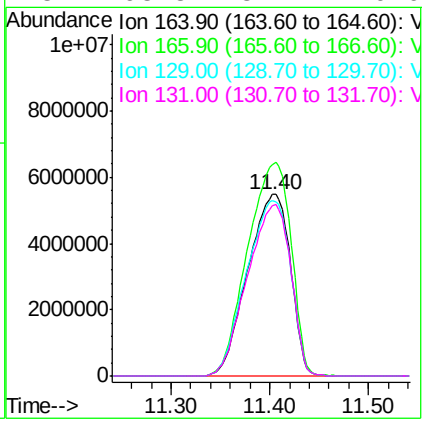


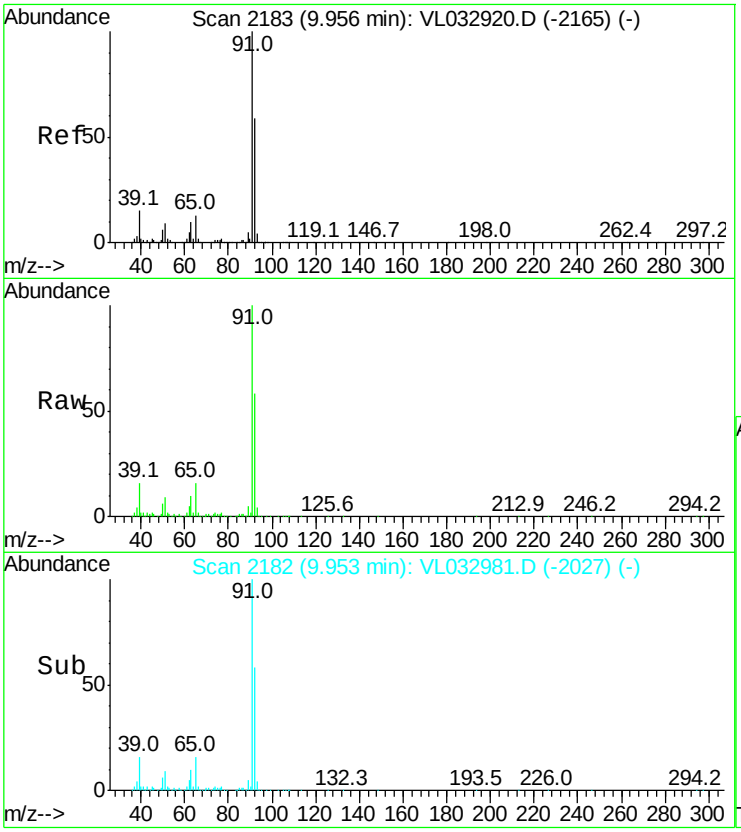


#52
Tetrachloroethene
Concen: 213.645 ppbv
RT: 11.40 min Scan# 2633
Delta R.T. 0.02 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Tgt Ion:164 Resp:16387999

Ion	Ratio	Lower	Upper
164	100		
166	116.7	98.8	148.2
129	96.9	85.5	128.3
131	93.8	84.4	126.6



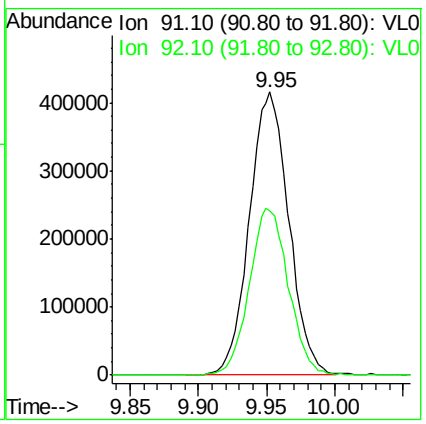


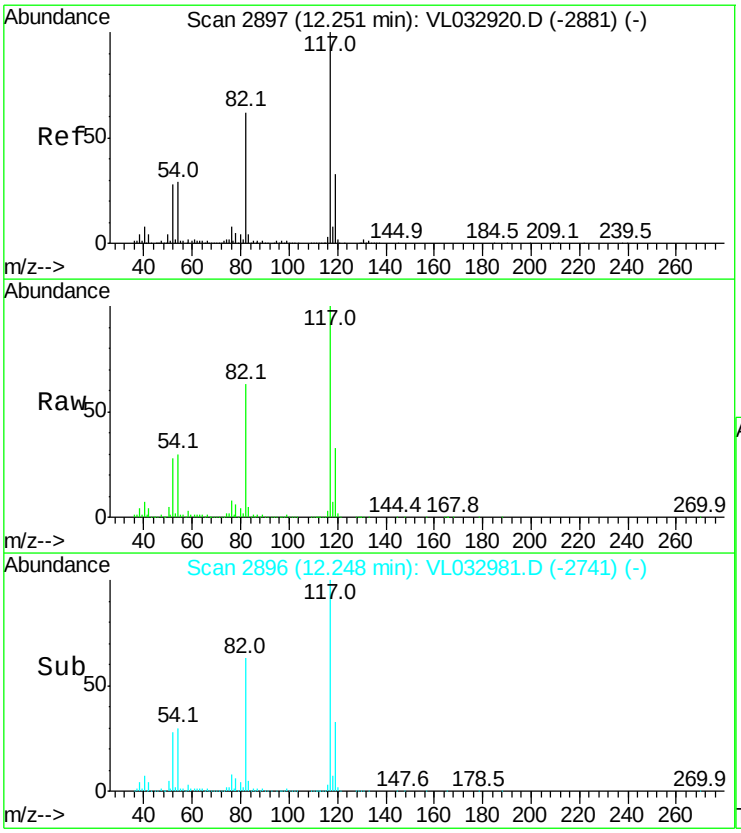
#53
Toluene
Concen: 3.720 ppbv
RT: 9.95 min Scan# 2182
Delta R.T. -0.00 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 91 Resp: 831927

Ion	Ratio	Lower	Upper
91	100		
92	58.7	47.4	71.0

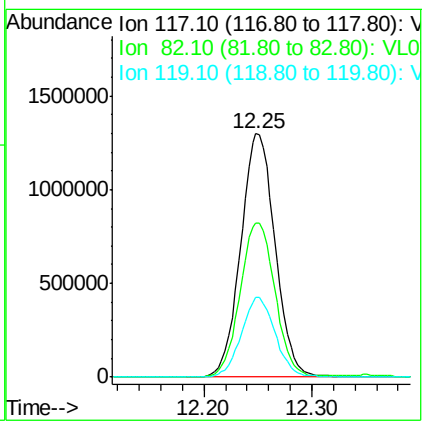


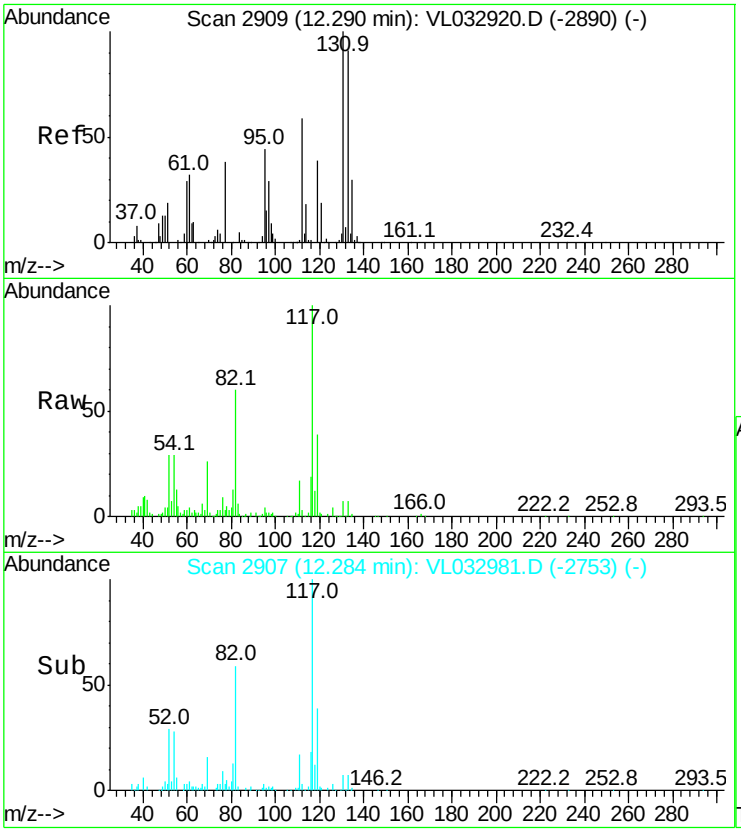


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Tgt Ion:117 Resp: 2871865

Ion	Ratio	Lower	Upper
117	100		
82	64.5	47.8	71.8
119	32.6	43.1	64.7#



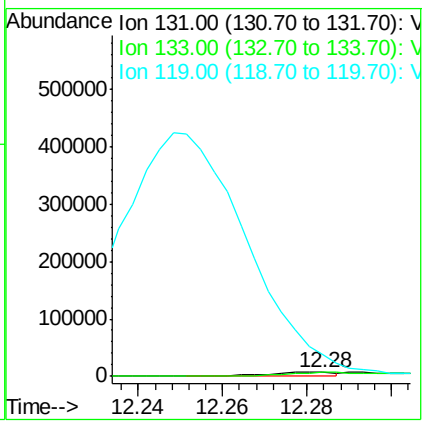


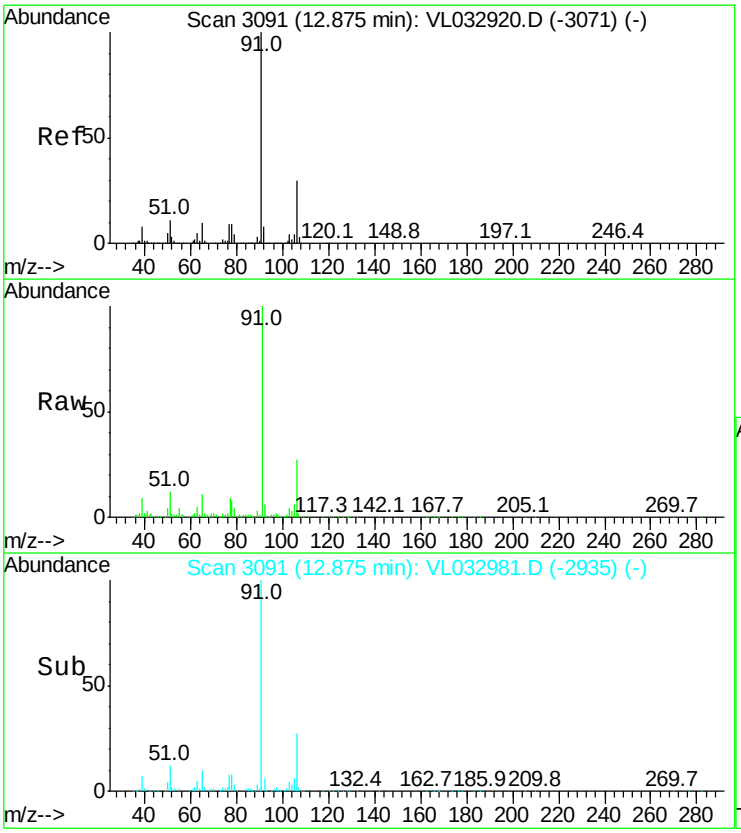
#56
1,1,1,2-Tetrachloroethane
Concen: 0.060 ppbv
RT: 12.28 min Scan# 2907
Delta R.T. -0.01 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion:131 Resp: 7691

Ion	Ratio	Lower	Upper
131	100		
133	200.9	75.1	112.7#
119	0.0	47.5	71.3#

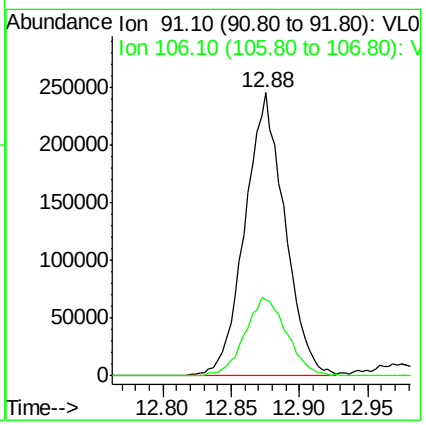


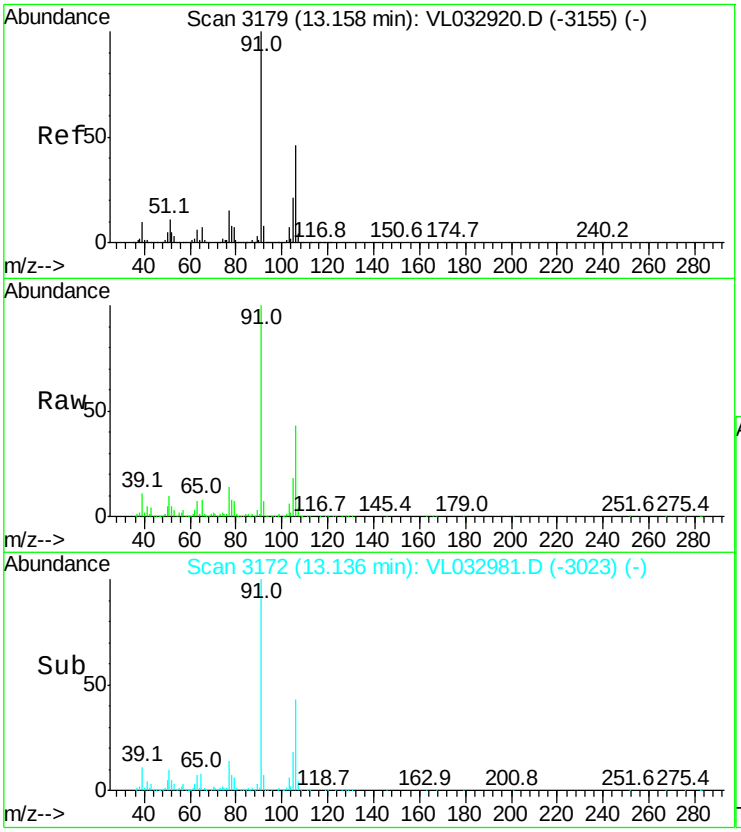


#58
Ethyl Benzene
Concen: 1.614 ppbv
RT: 12.88 min Scan# 3091
Delta R.T. 0.00 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Tgt Ion: 91 Resp: 494470

Ion	Ratio	Lower	Upper
91	100		
106	27.0	23.9	35.9



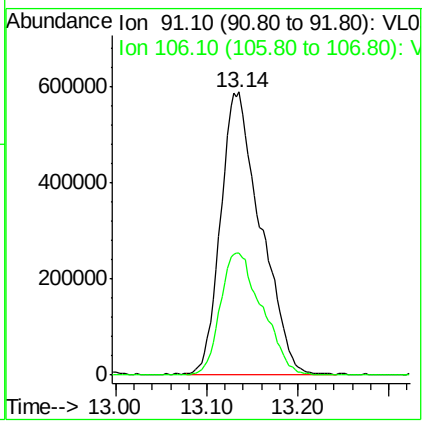


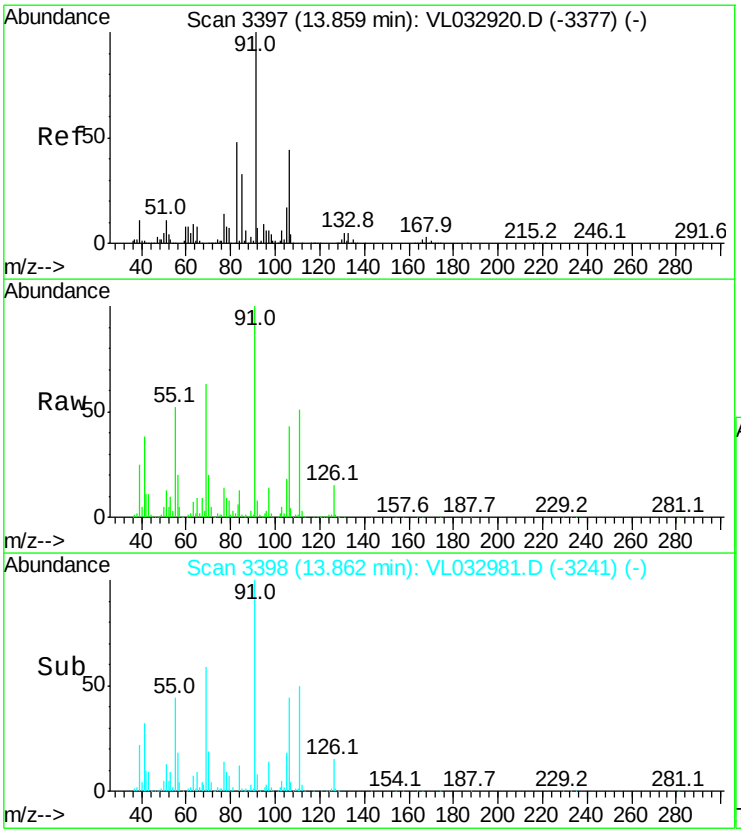
#59
m/p-Xylene
Concen: 6.425 ppbv
RT: 13.14 min Scan# 3172
Delta R.T. -0.02 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 91 Resp: 1784642

Ion	Ratio	Lower	Upper
91	100		
106	45.4	0.0	0.0#

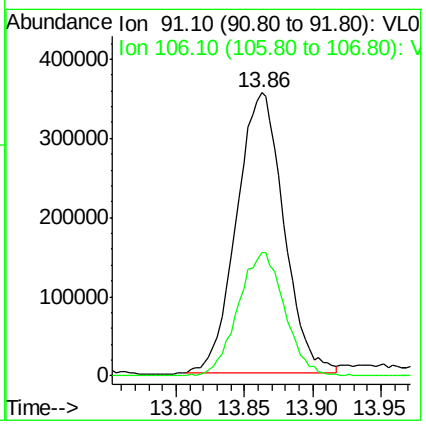


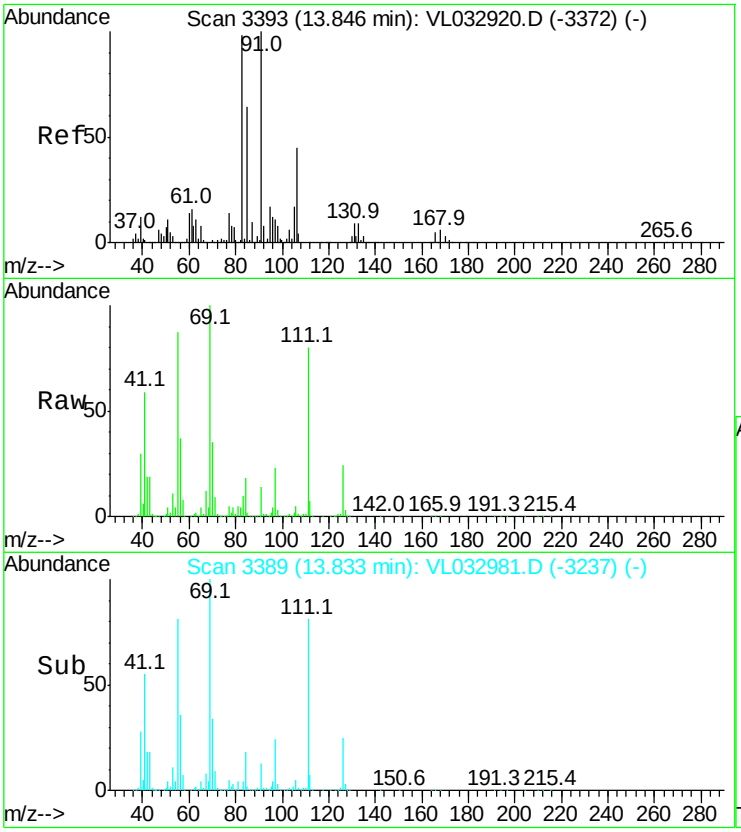


#60
o-Xylene
Concen: 3.027 ppbv
RT: 13.86 min Scan# 3398
Delta R.T. 0.00 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Tgt Ion: 91 Resp: 849116

Ion	Ratio	Lower	Upper
91	100		
106	43.7	21.9	65.8



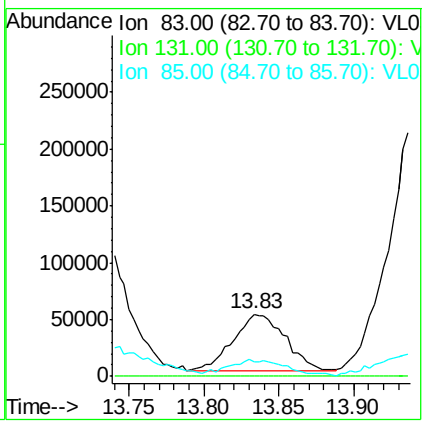


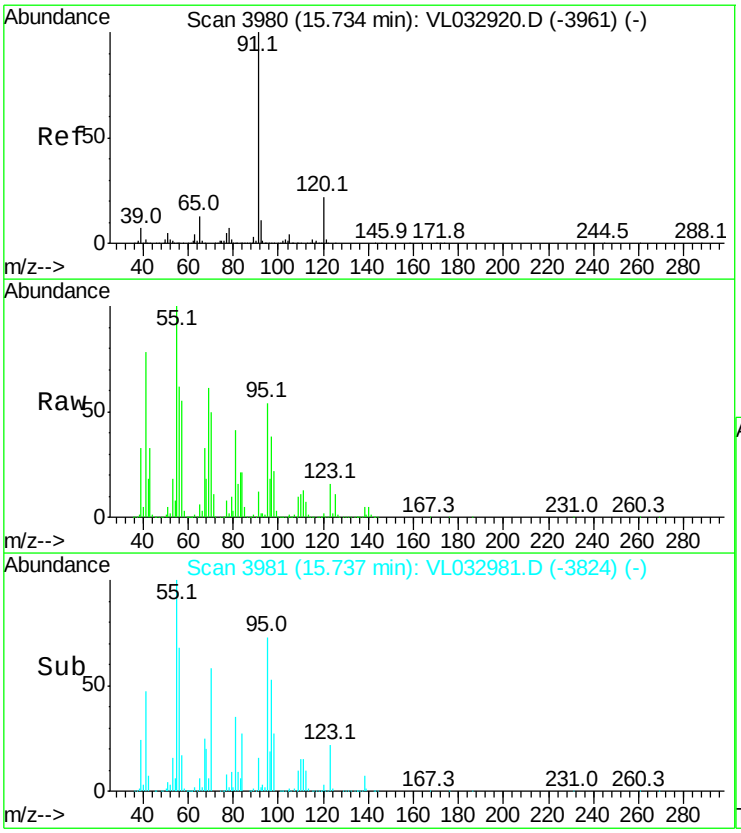
#63
1,1,2,2-Tetrachloroethane
Concen: 0.550 ppbv
RT: 13.83 min Scan# 3389
Delta R.T. -0.01 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 83 Resp: 119763

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.9	14.6#
85	0.0	32.9	98.6#

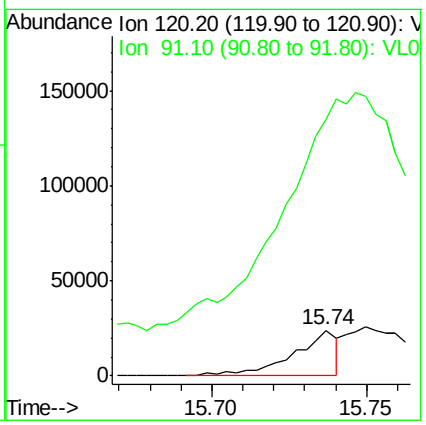


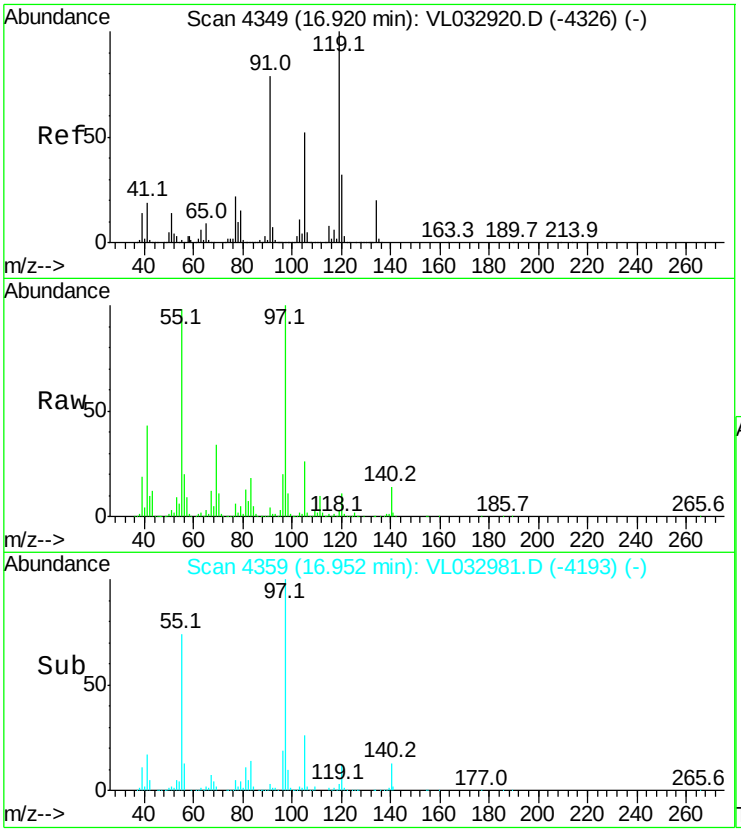


#64
n-propylbenzene
Concen: 0.226 ppbv
RT: 15.74 min Scan# 3981
Delta R.T. 0.00 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Tgt Ion:120 Resp: 23018

Ion	Ratio	Lower	Upper
120	100		
91	0.0	380.4	570.6#



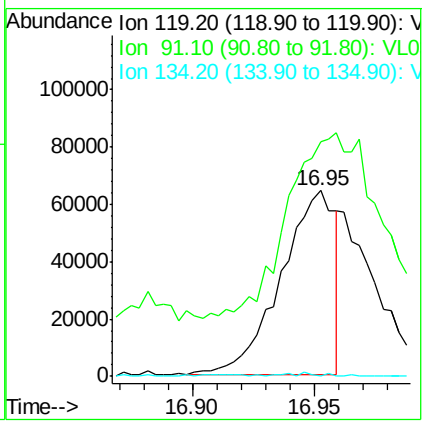


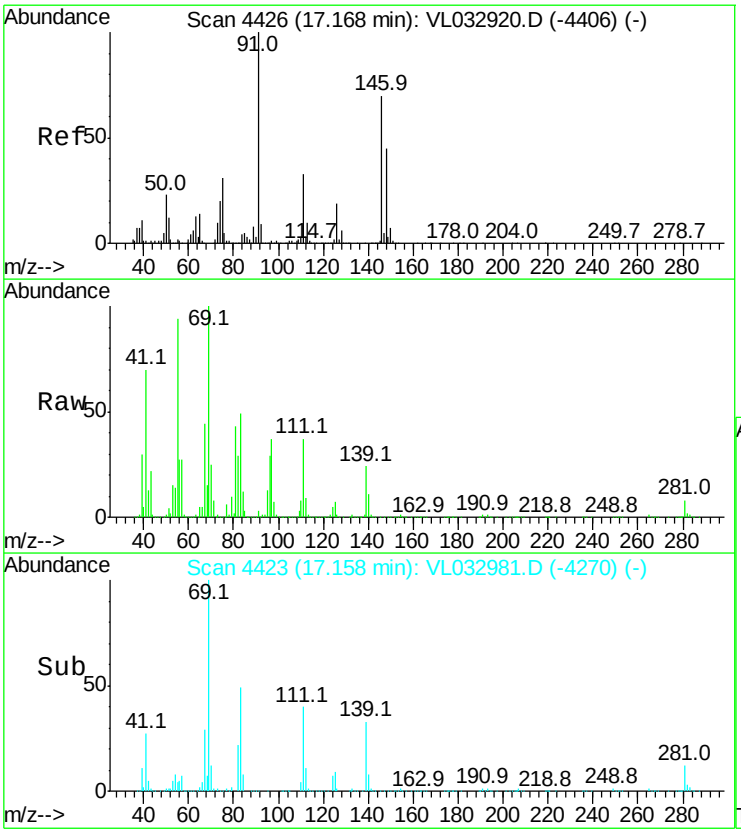
#65
tert-Butylbenzene
Concen: 0.271 ppbv
RT: 16.95 min Scan# 4359
Delta R.T. 0.03 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Instrument : MSVOA_L
ClientSampleId : SV1

Tgt Ion:119 Resp: 98168

Ion	Ratio	Lower	Upper
119	100		
91	211.0	64.5	96.7#
134	1.6	15.7	23.5#

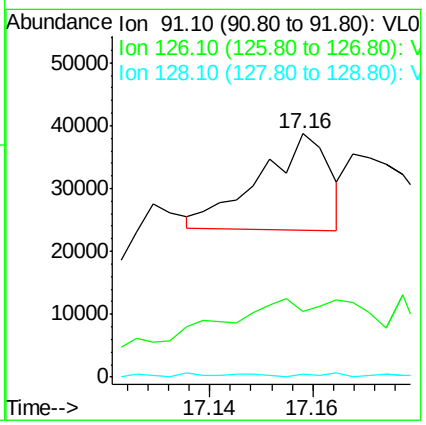


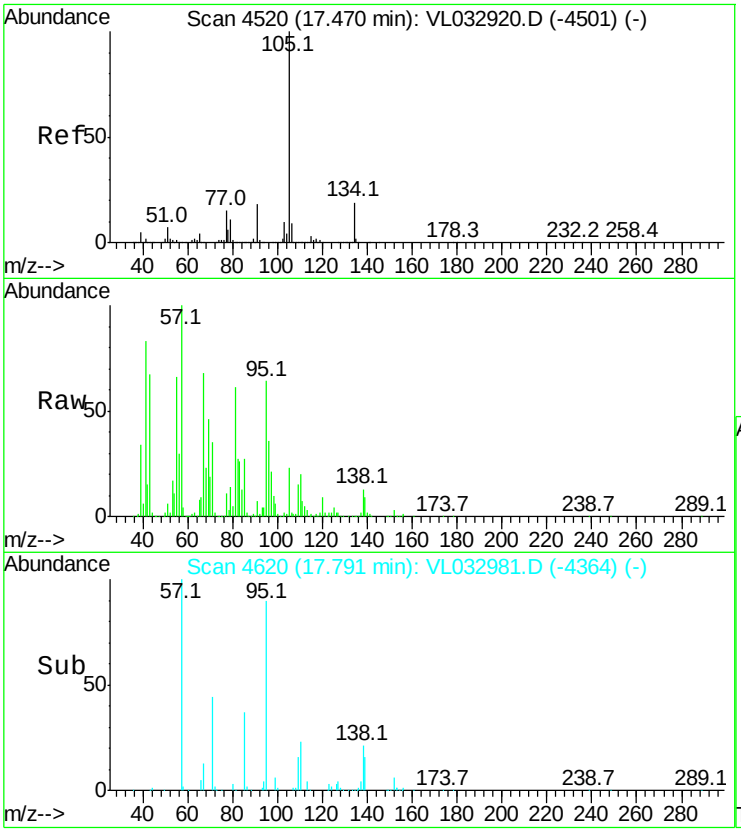


#66
Benzyl Chloride
Concen: 0.072 ppbv
RT: 17.16 min Scan# 4423
Delta R.T. -0.01 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Tgt Ion: 91 Resp: 14410

Ion	Ratio	Lower	Upper
91	100		
126	0.0	14.1	21.1#
128	0.0	4.5	6.7#



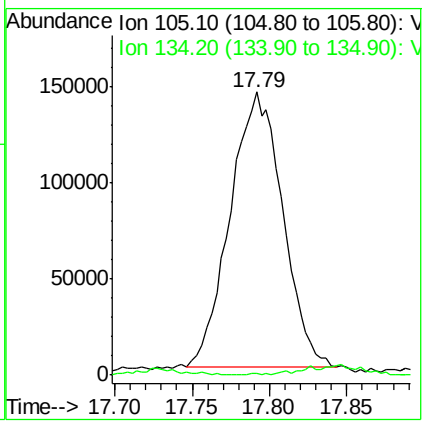


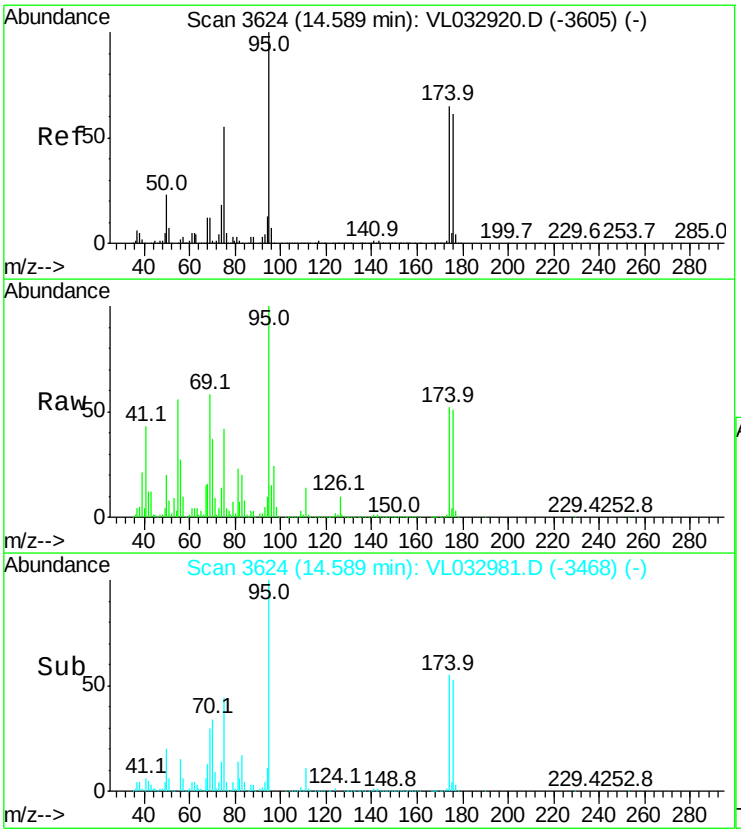
#67
sec-Butylbenzene
Concen: 0.633 ppbv
RT: 17.79 min Scan# 4620
Delta R.T. 0.32 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion:105 Resp: 338421

Ion	Ratio	Lower	Upper
105	100		
134	3.8	14.6	21.8#

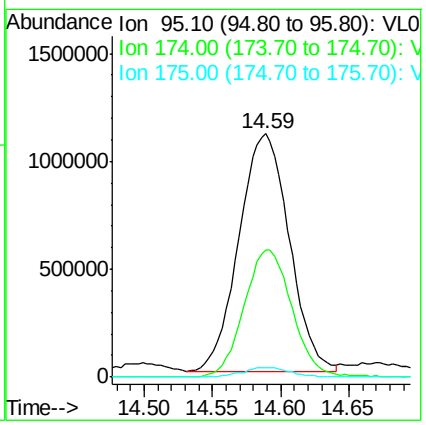


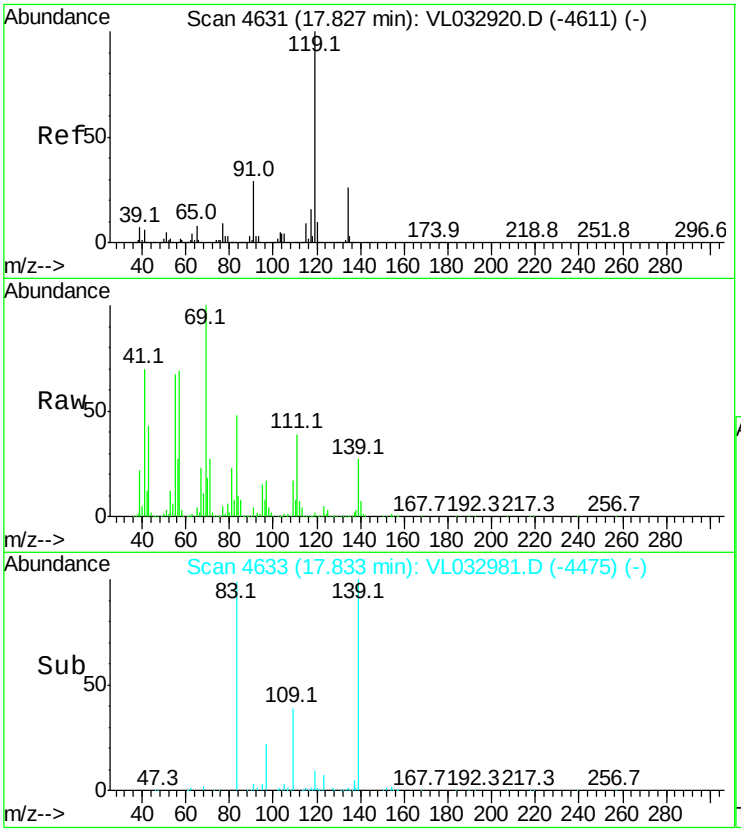


#68
1-Bromo-4-Fluorobenzene
Concen: 13.270 ppbv
RT: 14.59 min Scan# 3624
Delta R.T. 0.00 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Tgt Ion: 95 Resp: 2815502

Ion	Ratio	Lower	Upper
95	100		
174	51.7	51.4	77.0
175	3.8	3.8	5.6



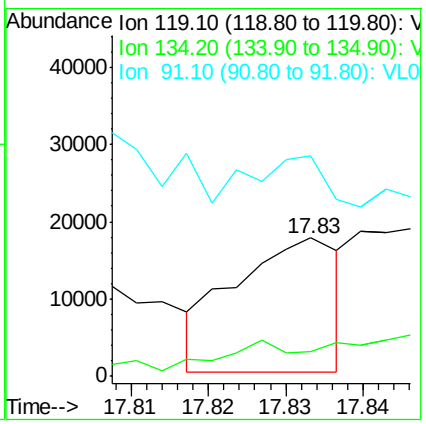


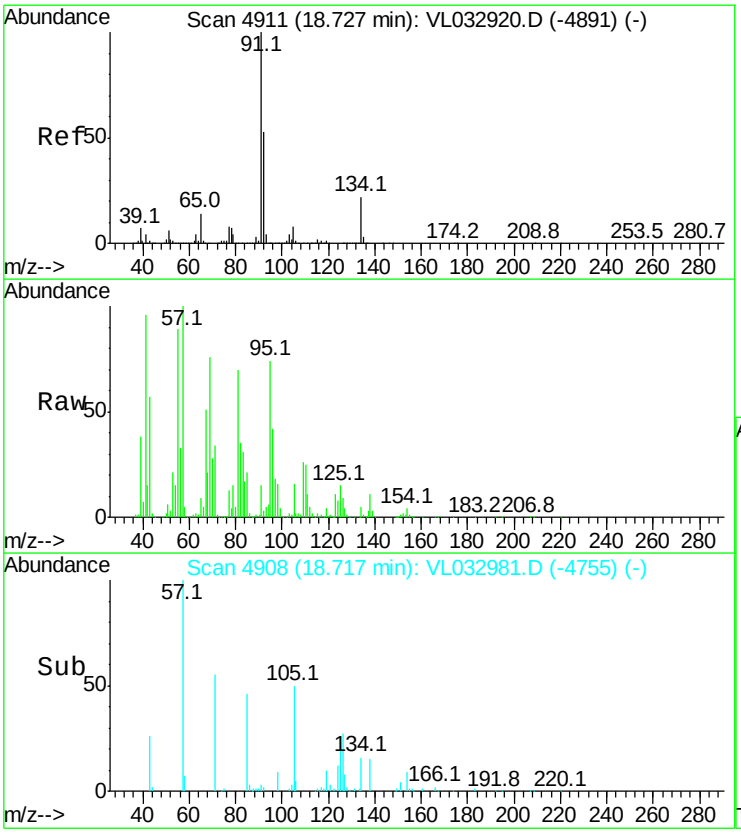
#69
p-Isopropyltoluene
Concen: 0.038 ppbv
RT: 17.83 min Scan# 4633
Delta R.T. 0.01 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Instrument : MSVOA_L
ClientSampleId : SV1

Tgt Ion:119 Resp: 16354

Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.2	30.2#
91	0.0	22.9	34.3#

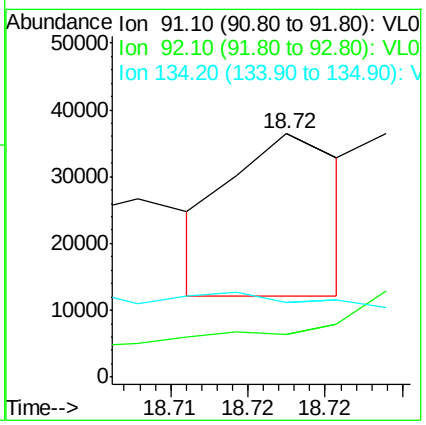


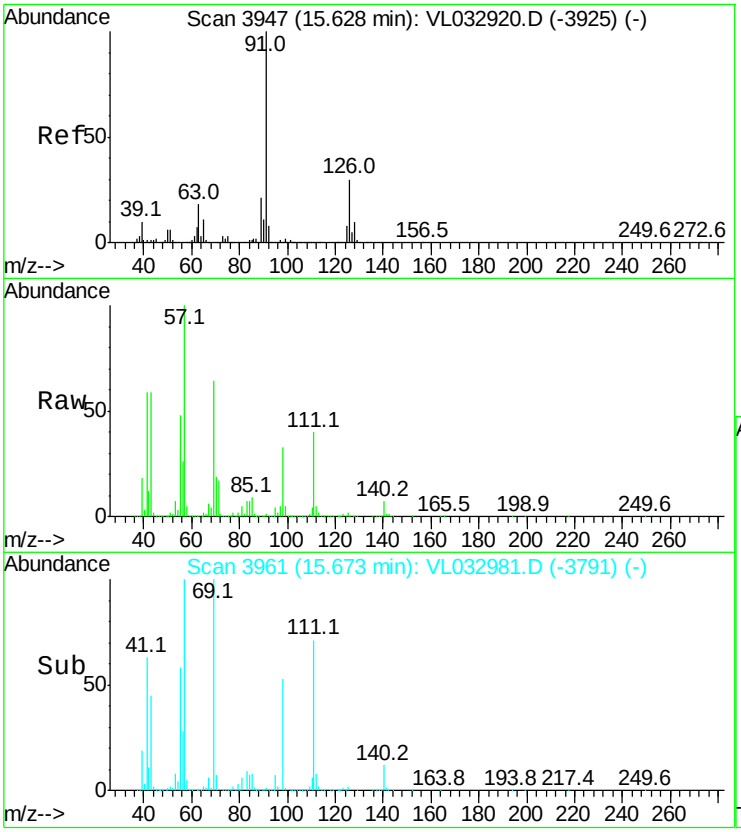


#70
n-Butylbenzene
Concen: 0.030 ppbv
RT: 18.72 min Scan# 4908
Delta R.T. -0.01 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Tgt Ion: 91 Resp: 12125

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



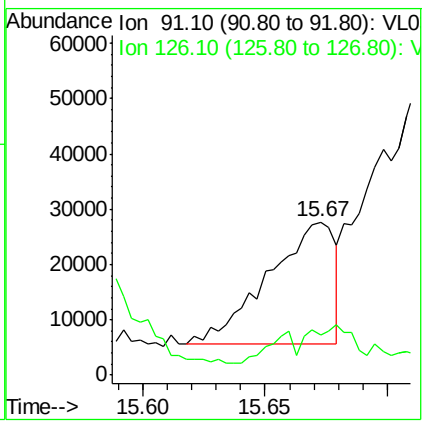


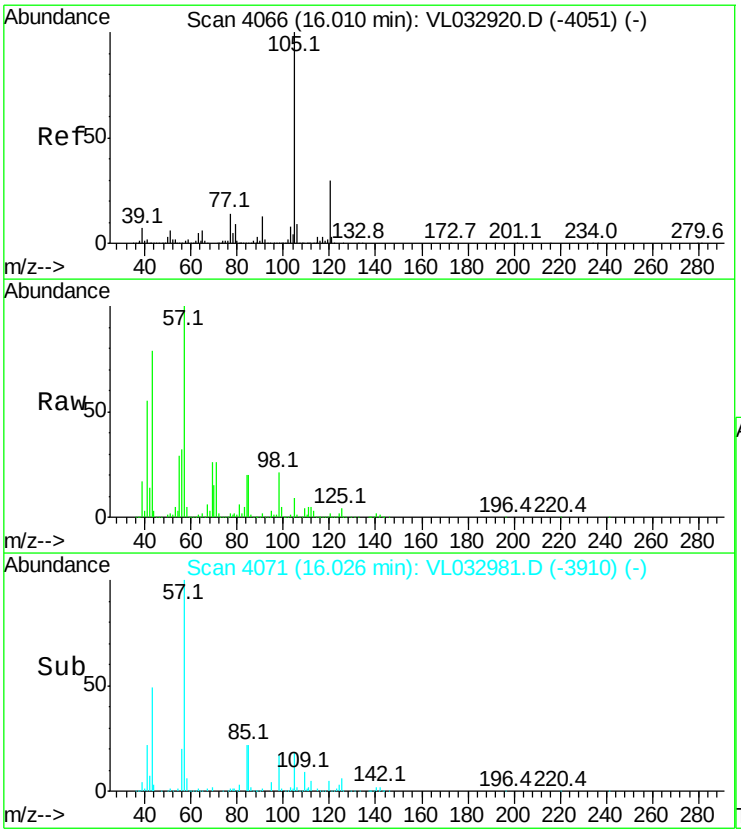
#71
2-Chlorotoluene
Concen: 0.144 ppbv
RT: 15.67 min Scan# 3961
Delta R.T. 0.05 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 91 Resp: 42025

Ion	Ratio	Lower	Upper
91	100		
126	0.0	12.3	49.3#

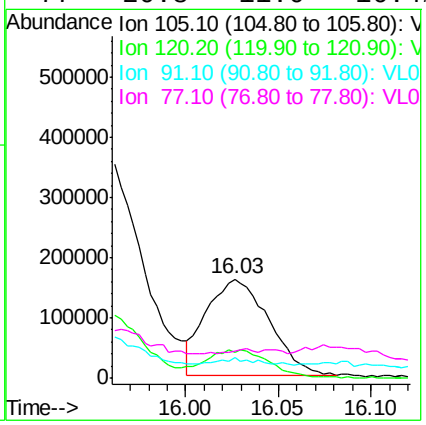


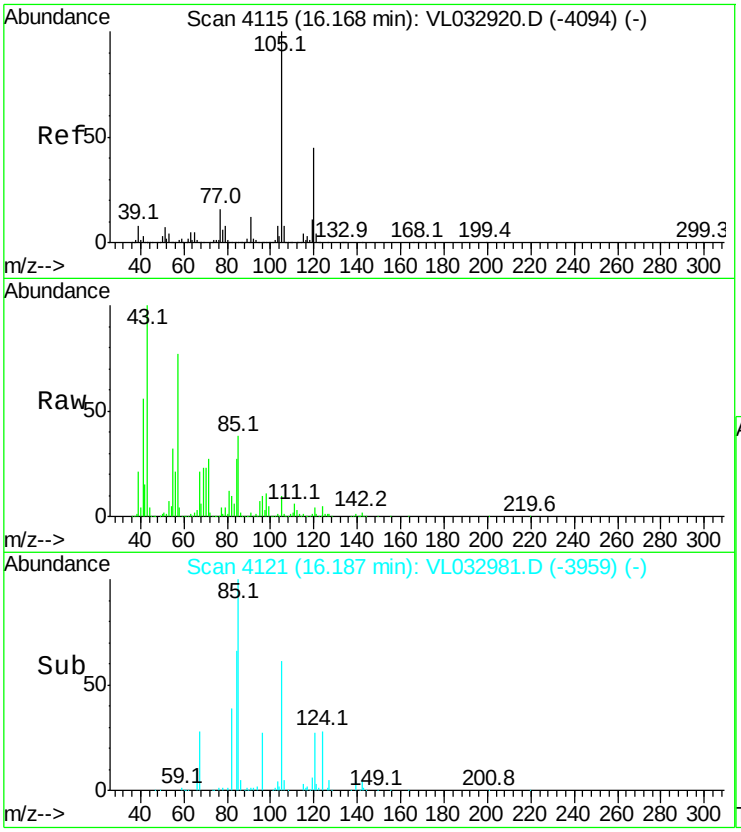


#72
4-Ethyltoluene
Concen: 1.203 ppbv
RT: 16.03 min Scan# 4071
Delta R.T. 0.02 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Tgt Ion:105 Resp: 376626

Ion	Ratio	Lower	Upper
105	100		
120	30.2	23.0	34.4
91	17.4	10.4	15.6#
77	20.8	11.0	16.4#



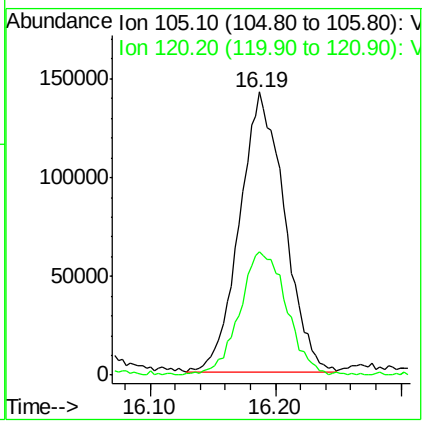


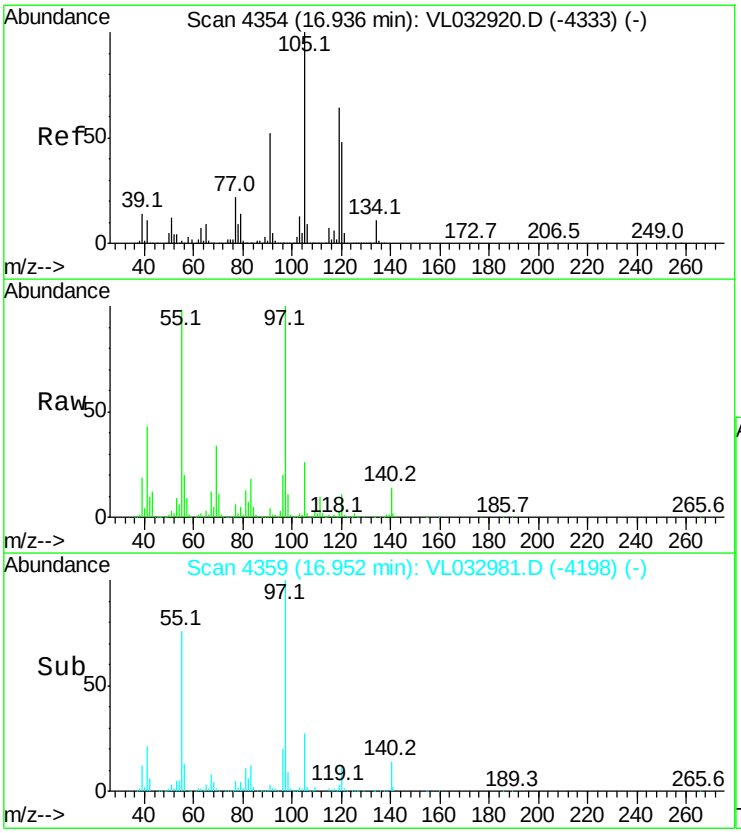
#73
1,3,5-Trimethylbenzene
Concen: 1.152 ppbv
RT: 16.19 min Scan# 4121
Delta R.T. 0.02 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion:105 Resp: 352176

Ion	Ratio	Lower	Upper
105	100		
120	43.4	36.0	54.0

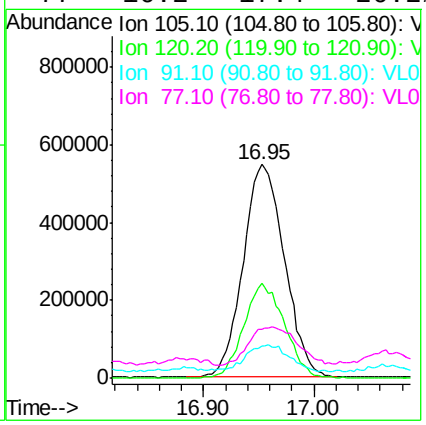


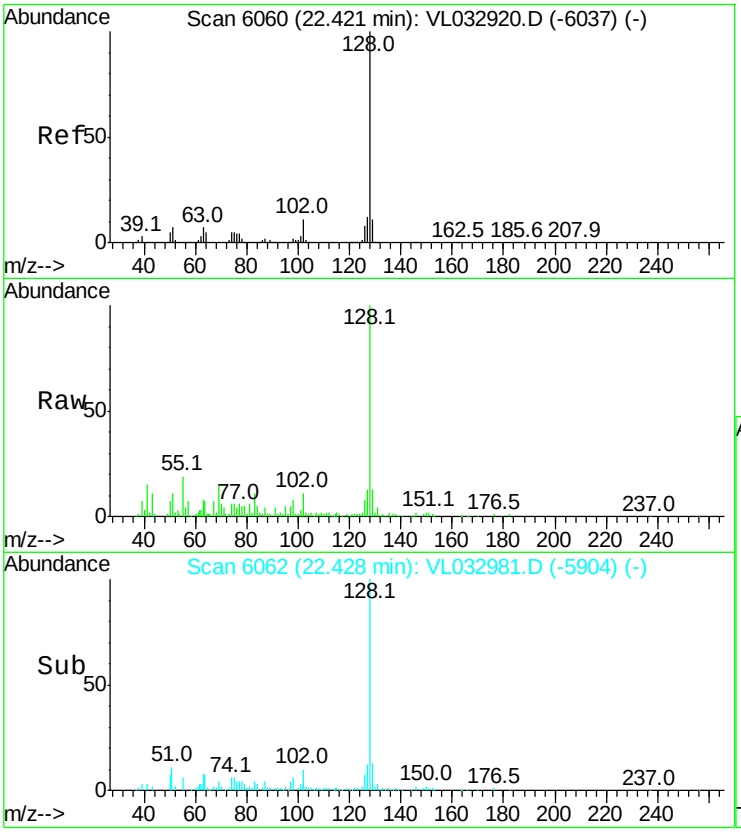


#74
1,2,4-Trimethylbenzene
Concen: 4.121 ppbv
RT: 16.95 min Scan# 4359
Delta R.T. 0.02 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Tgt Ion:105 Resp: 1422710

Ion	Ratio	Lower	Upper
105	100		
120	44.6	38.6	58.0
91	11.3	41.7	62.5#
77	16.2	17.4	26.2#



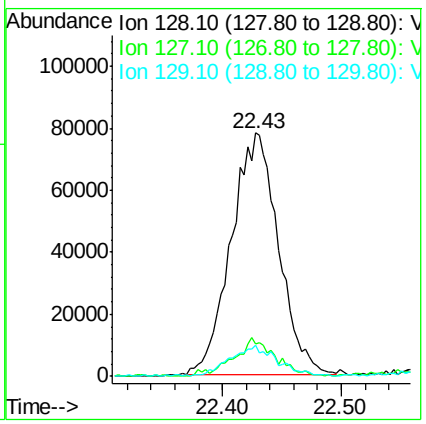


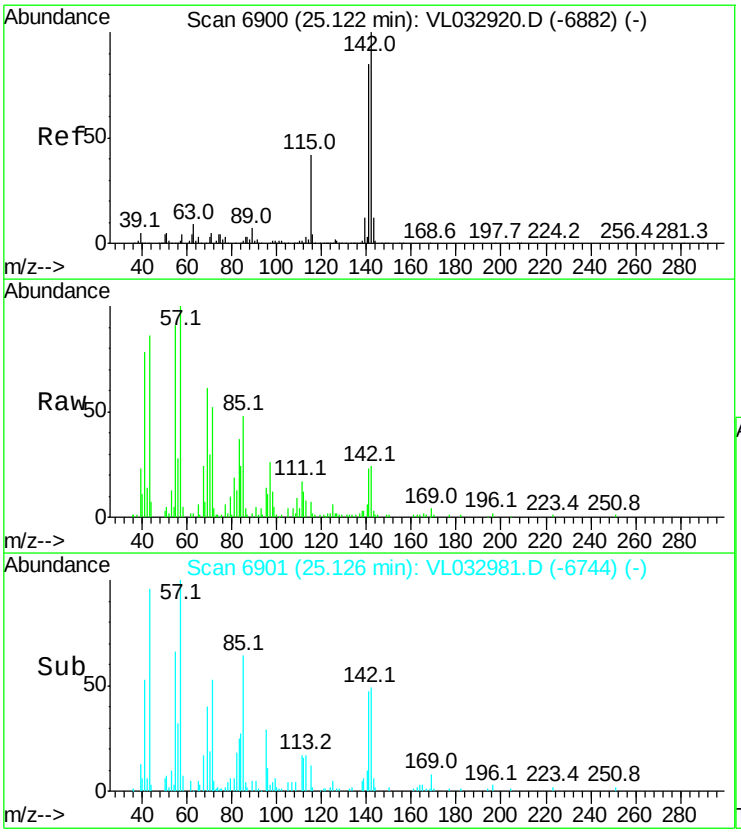
#79
Naphthalene
Concen: 0.961 ppbv
RT: 22.43 min Scan# 6062
Delta R.T. 0.01 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion:128 Resp: 214233

Ion	Ratio	Lower	Upper
128	100		
127	13.3	9.9	14.9
129	12.8	8.6	13.0





#80
Naphthalene,2-methyl-
Concen: 0.371 ppbv
RT: 25.13 min Scan# 6901
Delta R.T. 0.00 min
Lab File: VL032981.D
Acq: 12 Dec 2018 11:36

Tgt Ion:142 Resp: 17658

Ion	Ratio	Lower	Upper
142	100		
141	80.0	68.2	102.2
115	55.2	35.1	52.7#