Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101718\
Data File : VL032651.D
Acq On : 17 Oct 2018 21:58
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 18 11:13:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Oct 1
QLast Update : Wed Oct 17 08:55:11 2018
Response via : Initial Calibration

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Manual Integrations APPROVED
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10/19/2018 4:36:43 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.78	49	1238307	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.31	114	2699777	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.26	117	2934294m	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.60	95	2110246	9.55	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.09	85	1349814	14.99	ppbv		100
3) Chlorodifluoromethane	3.03	51	970792	9.37	ppbv		100
4) Chloromethane	3.18	50	533056	9.42	ppbv		97
5) Vinyl Chloride	3.30	62	550291	9.66	ppbv		100
6) Bromomethane	3.53	94	338779	9.41	ppbv		94
7) Chloroethane	3.62	64	214757	9.63	ppbv		98
8) Dichlorotetrafluoroethane	3.23	85	1257680	9.01	ppbv		99
9) Propene	3.05	41	401553	10.57	ppbv		99
10) Heptane	8.27	43	1589983	11.18	ppbv		99
11) Trichlorofluoromethane	4.02	101	1496807	9.41	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.57	101	1073618	9.22	ppbv		99
13) Ethanol	3.66	45	120641	10.26	ppbv		97
14) Bromoethene	3.80	108	459843	10.79	ppbv		98
15) Acetone	3.92	43	1101032	9.99	ppbv		100
16) 1,3-Butadiene	3.38	39	448808	11.00	ppbv		85
17) tert-Butyl alcohol	4.37	59	115810	11.52	ppbv	#	100
18) 1,1-Dichloroethene	4.37	96	599836	11.42	ppbv		98
19) Isopropyl Alcohol	4.04	45	837522	10.76	ppbv	#	97
20) Methylene Chloride	4.43	84	522215	10.58	ppbv		92
21) Allyl Chloride	4.49	41	870620	10.53	ppbv		99
22) trans-1,2-Dichloroethene	4.98	96	588982	9.71	ppbv		94
23) Vinyl Acetate	5.17	43	2032510	11.59	ppbv		99
24) 1,1-Dichloroethane	5.11	63	1617766	9.95	ppbv		100
25) Ethyl Acetate	5.79	43	2730806	10.47	ppbv		100
26) Hexane	5.80	57	1269300	10.81	ppbv		99
27) Carbon Disulfide	4.64	76	1425837	10.05	ppbv		99
28) Methyl tert-Butyl Ether	5.13	73	1676153	11.36	ppbv		100
29) Chloroform	5.87	83	1994019	9.69	ppbv		96
30) Cyclohexane	7.26	84	1034767	11.17	ppbv		99
31) cis-1,2-Dichloroethene	5.66	61	1204357	10.67	ppbv		94
32) 1,1,1-Trichloroethane	6.64	97	1962021	9.55	ppbv		98
34) 2-Butanone	5.35	43	1777794	11.86	ppbv		100
35) Carbon Tetrachloride	7.16	117	2007513	9.59	ppbv		98
36) Benzene	7.03	78	2540222	11.61	ppbv		99
37) 1,2-Dichloroethane	6.43	62	1593585	10.62	ppbv		100
38) Trichloroethene	7.98	130	915539	11.13	ppbv		97
39) 1,2-Dichloropropane	7.76	63	1018645	11.44	ppbv		99
40) 1,4-Dioxane	7.98	88	380086	12.36	ppbv	#	99
41) Tetrahydrofuran	6.17	42	999895	12.58	ppbv		100
42) Bromodichloromethane	7.94	83	2170766	10.61	ppbv		99
43) Methyl Methacrylate	8.16	69	1058396	12.47	ppbv		99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101718\
Data File : VL032651.D
Acq On : 17 Oct 2018 21:58
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Manual Integrations APPROVED
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Quant Time: Oct 18 11:13:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Oct 1
QLast Update : Wed Oct 17 08:55:11 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	8.01	57	4447608	11.46	ppbv		99
45) t-1,3-Dichloropropene	9.43	75	1493634	13.46	ppbv		100
46) cis-1,3-Dichloropropene	8.86	75	1593284	12.61	ppbv		99
47) 1,1,2-Trichloroethane	9.64	97	1121691	10.54	ppbv		98
48) Dibromochloromethane	10.47	129	1918451	10.62	ppbv		99
49) Bromoform	13.23	173	1446599	10.60	ppbv		100
50) 4-Methyl-2-Pentanone	8.89	43	2562693	11.62	ppbv		100
51) 2-Hexanone	10.29	43	2245544	12.95	ppbv		99
52) Tetrachloroethene	11.40	164	854692	11.86	ppbv		98
53) Toluene	9.97	91	3130707	12.55	ppbv		99
54) 1,2-Dibromoethane	10.78	107	1693831	11.12	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.30	131	1257426	9.33	ppbv		100
57) Chlorobenzene	12.32	112	2140959	9.59	ppbv		99
58) Ethyl Benzene	12.89	91	3879367	11.77	ppbv		99
59) m/p-Xylene	13.17	91	6349103m	21.58	ppbv		
60) o-Xylene	13.87	91	3147942	10.74	ppbv		99
61) Styrene	13.71	104	2250718	12.67	ppbv		99
62) Isopropylbenzene	14.85	105	4421104	10.59	ppbv		98
63) 1,1,2,2-Tetrachloroethane	13.86	83	2359574	9.12	ppbv		100
64) n-propylbenzene	15.74	120	1126913	10.65	ppbv		98
65) tert-Butylbenzene	16.93	119	3739459	10.55	ppbv		98
66) Benzyl Chloride	17.18	91	2199249	11.01	ppbv		99
67) sec-Butylbenzene	17.48	105	5491345	10.30	ppbv		99
69) p-Isopropyltoluene	17.84	119	4355382	10.79	ppbv		99
70) n-Butylbenzene	18.74	91	4797949	10.79	ppbv		100
71) 2-Chlorotoluene	15.64	91	3481629	11.28	ppbv		99
72) 4-Ethyltoluene	16.02	105	3568391	11.26	ppbv		99
73) 1,3,5-Trimethylbenzene	16.18	105	3386297	10.74	ppbv		99
74) 1,2,4-Trimethylbenzene	16.95	105	3485355	10.04	ppbv	#	91
75) 1,3-Dichlorobenzene	17.19	146	1889880	9.37	ppbv		99
76) 1,4-Dichlorobenzene	17.33	146	1875738	10.21	ppbv		99
77) 1,2-Dichlorobenzene	18.01	146	1869125	9.64	ppbv		100
78) Hexachloro-1,3-Butadiene	23.56	225	704893	6.50	ppbv		100
79) Naphthalene	22.44	128	2833703	12.01	ppbv		99
80) Naphthalene,2-methyl-	25.13	142	761998	9.98	ppbv		99
81) 1,2,4-Trichlorobenzene	22.16	180	1315275	11.23	ppbv		99

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

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ALS Vial : 1 Sample Multiplier: 1

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Oct
QLast Update : Wed Oct 17 08:55:11 2018
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Instrument :
MSVOA_L
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Manual Integrations APPROVED
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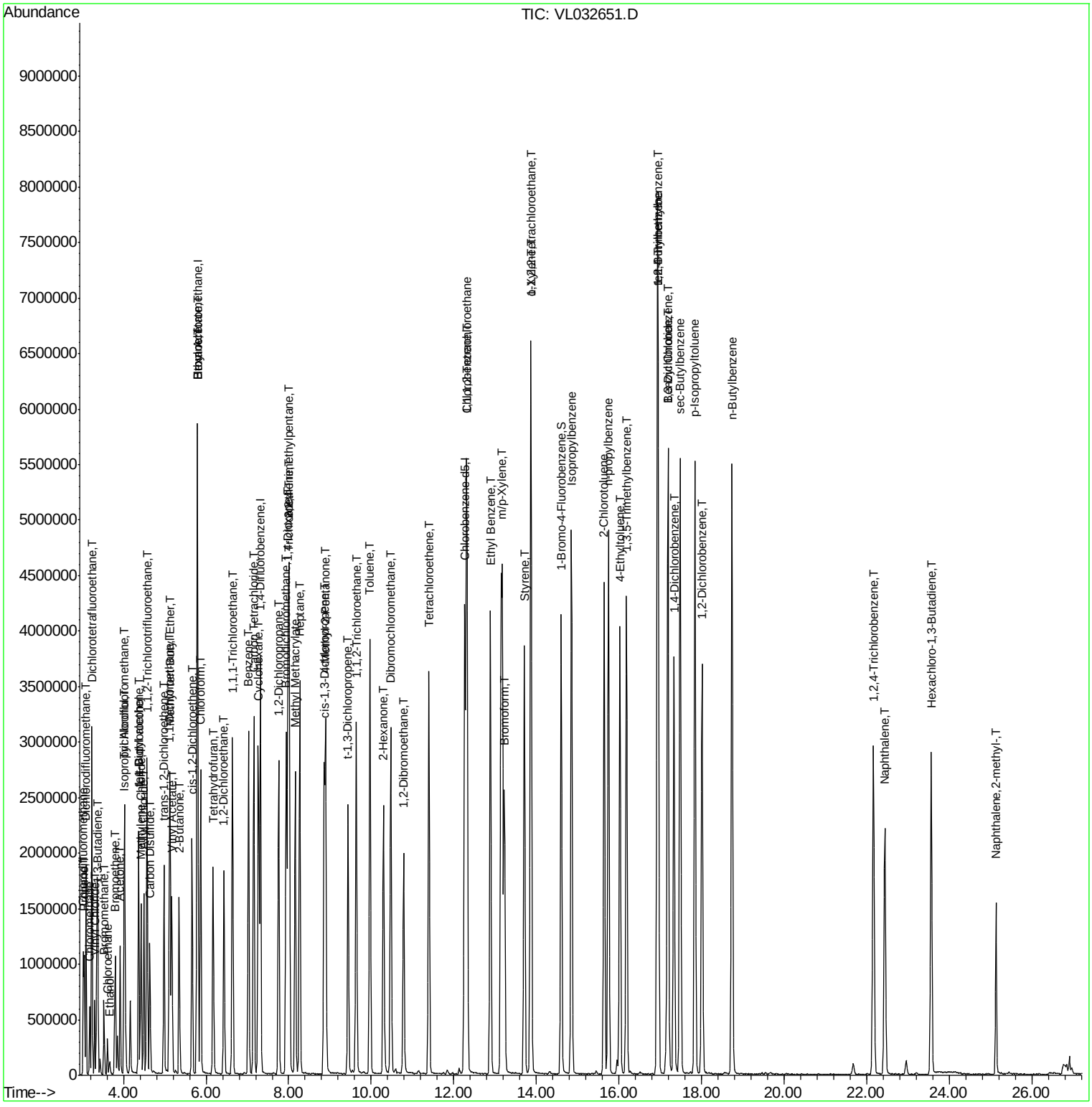
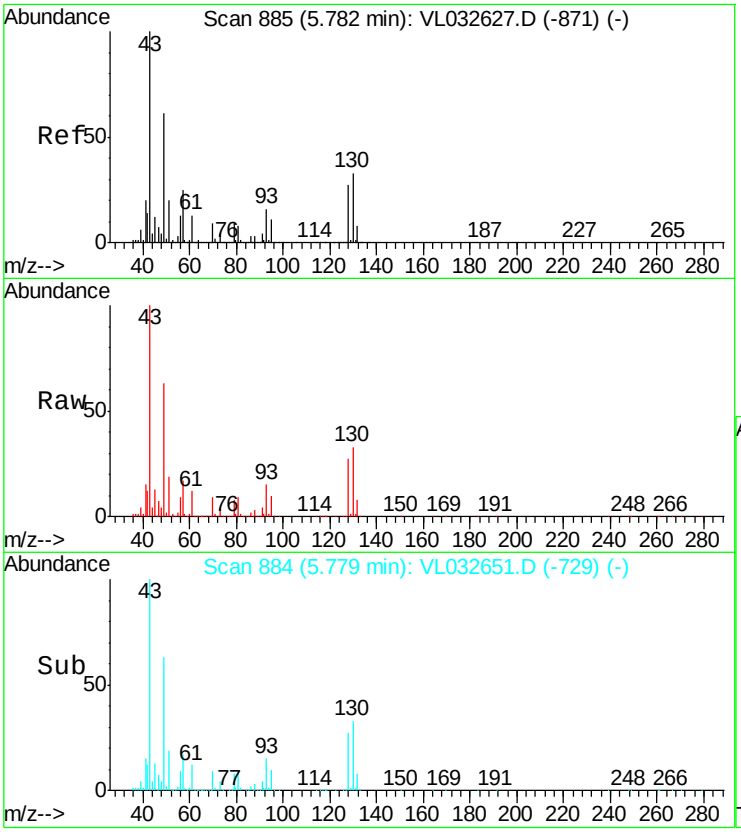
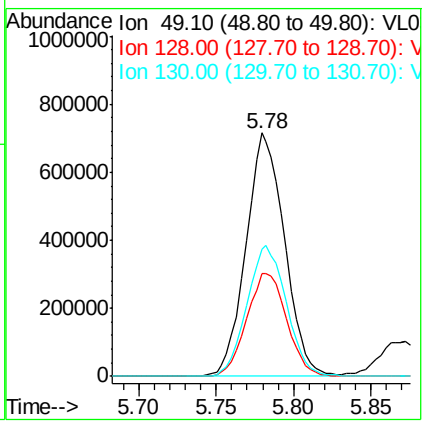




#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.78 min Scan# 884
Delta R.T. -0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion: 49 Resp: 1238307

Ion	Ratio	Lower	Upper
49	100		
128	44.1	22.3	66.8
130	55.5	28.4	85.3



Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations APPROVED
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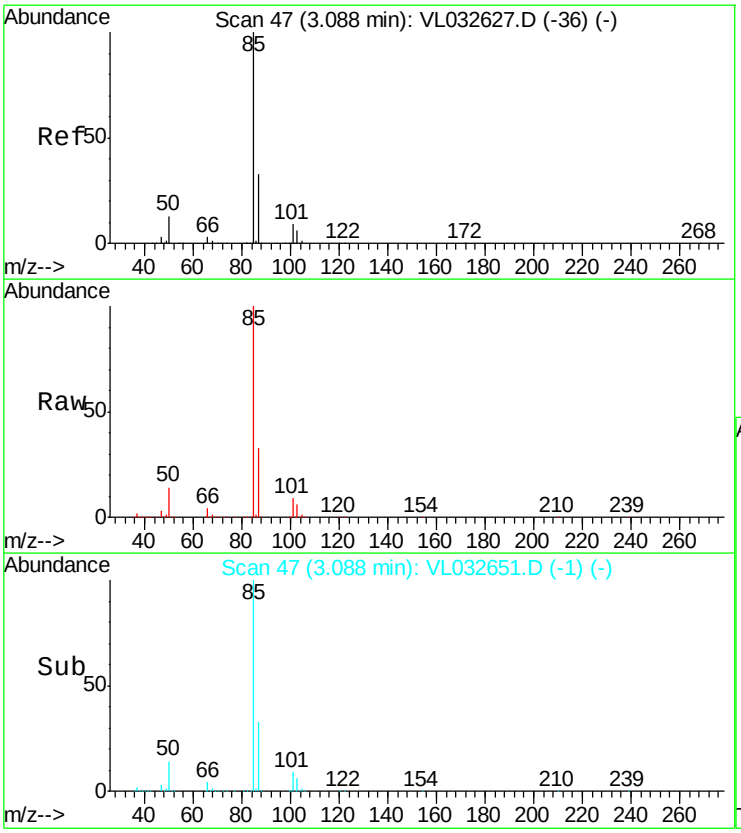
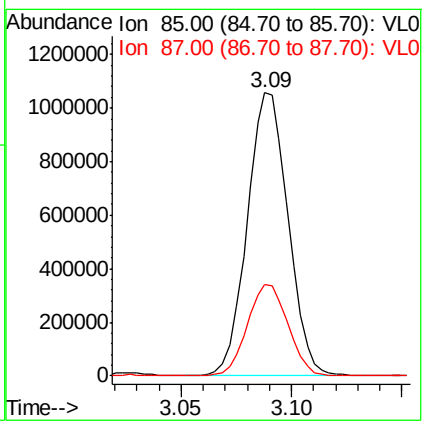
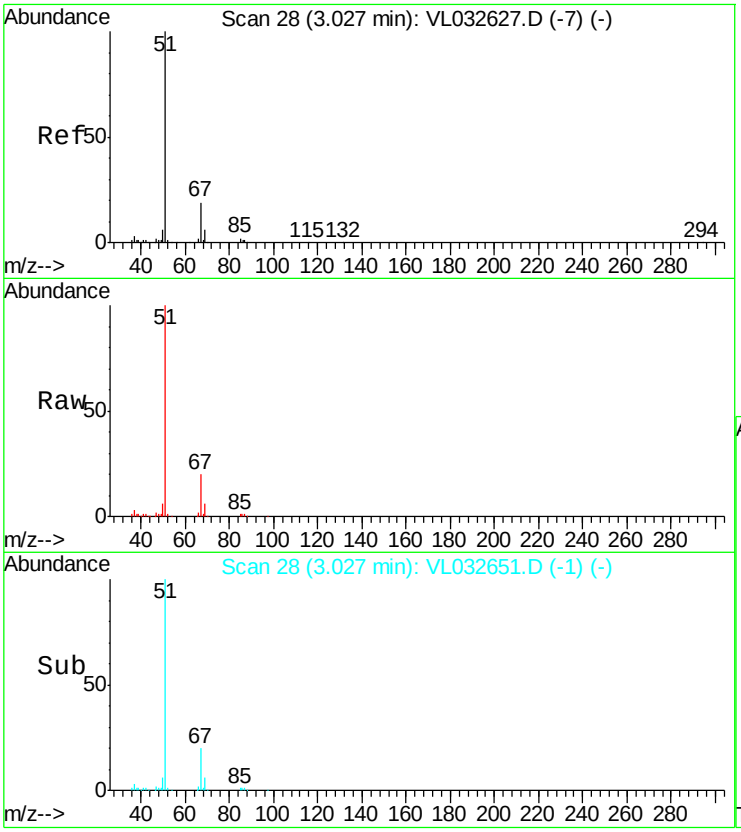


#2
Dichlorodifluoromethane
Concen: 14.99 ppbv
RT: 3.09 min Scan# 47
Delta R.T. 0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion: 85 Resp: 1349814

Ion	Ratio	Lower	Upper
85	100		
87	32.5	26.2	39.2

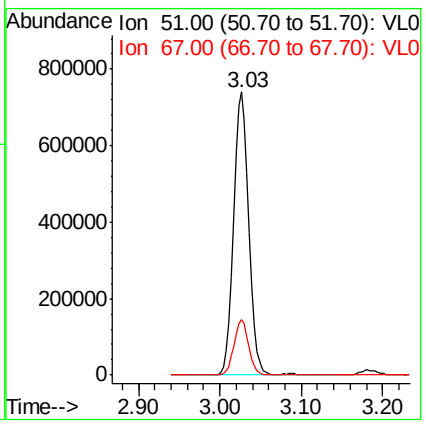




#3
Chlorodifluoromethane
Concen: 9.37 ppbv
RT: 3.03 min Scan# 28
Delta R.T. 0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion: 51 Resp: 970792

Ion	Ratio	Lower	Upper
51	100		
67	18.9	15.2	22.8



Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations APPROVED
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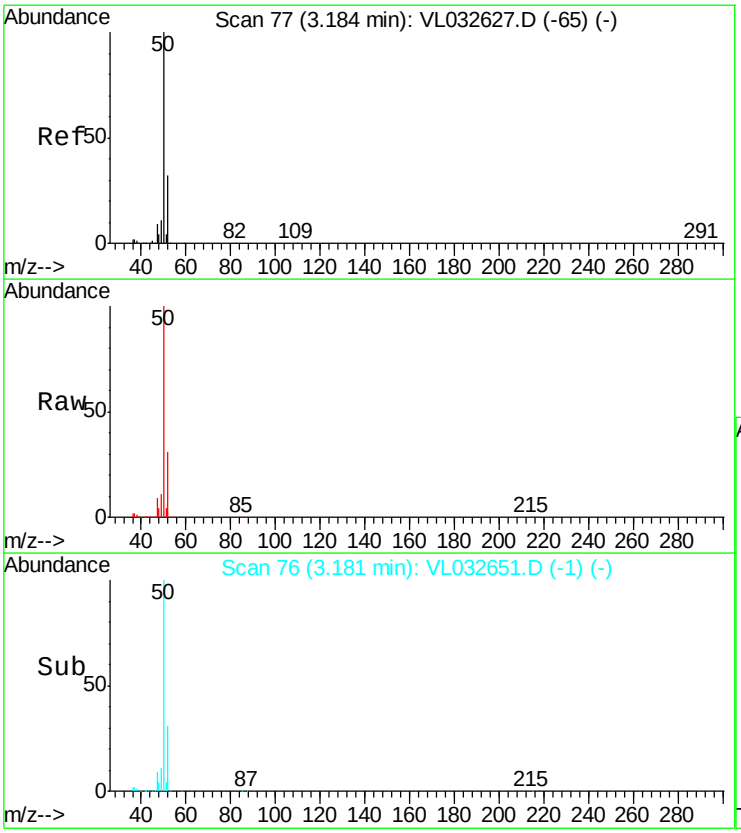
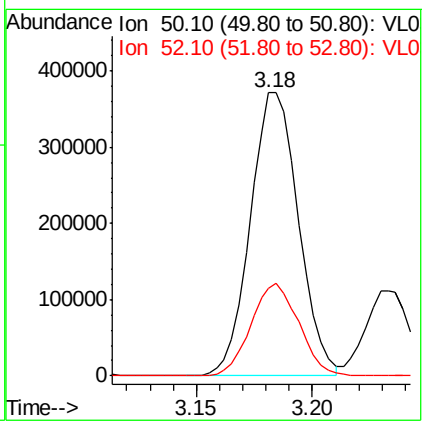
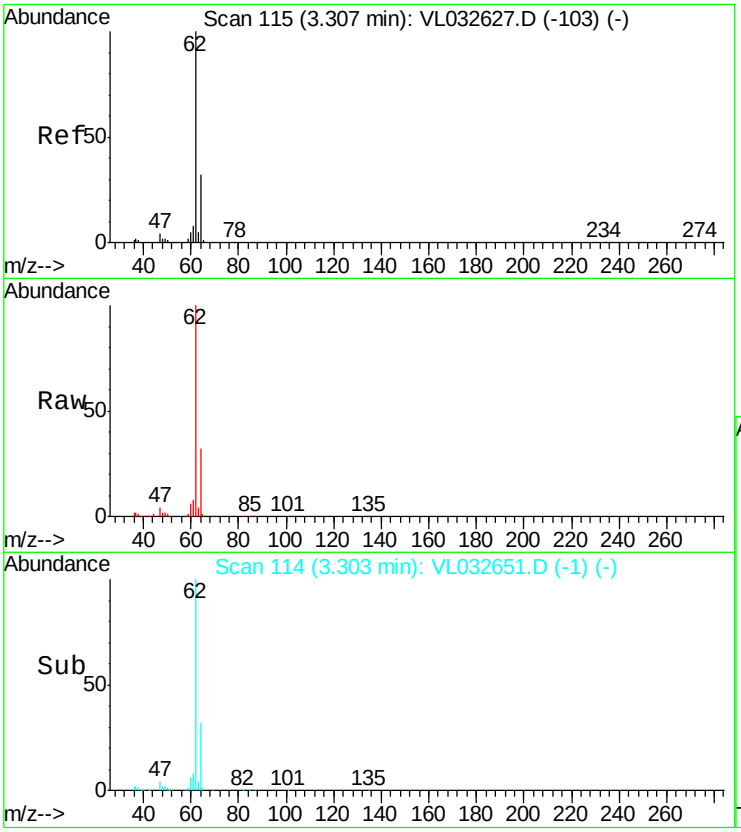


#4
Chloromethane
Concen: 9.42 ppbv
RT: 3.18 min Scan# 76
Delta R.T. -0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion: 50 Resp: 533056

Ion	Ratio	Lower	Upper
50	100		
52	30.8	25.9	38.9

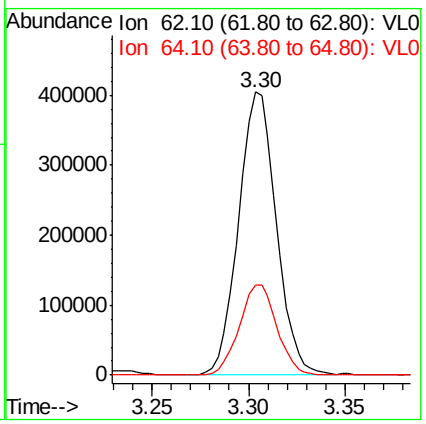




#5
Vinyl Chloride
Concen: 9.66 ppbv
RT: 3.30 min Scan# 114
Delta R.T. -0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion: 62 Resp: 550291

Ion	Ratio	Lower	Upper
62	100		
64	31.7	25.5	38.3



Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations APPROVED
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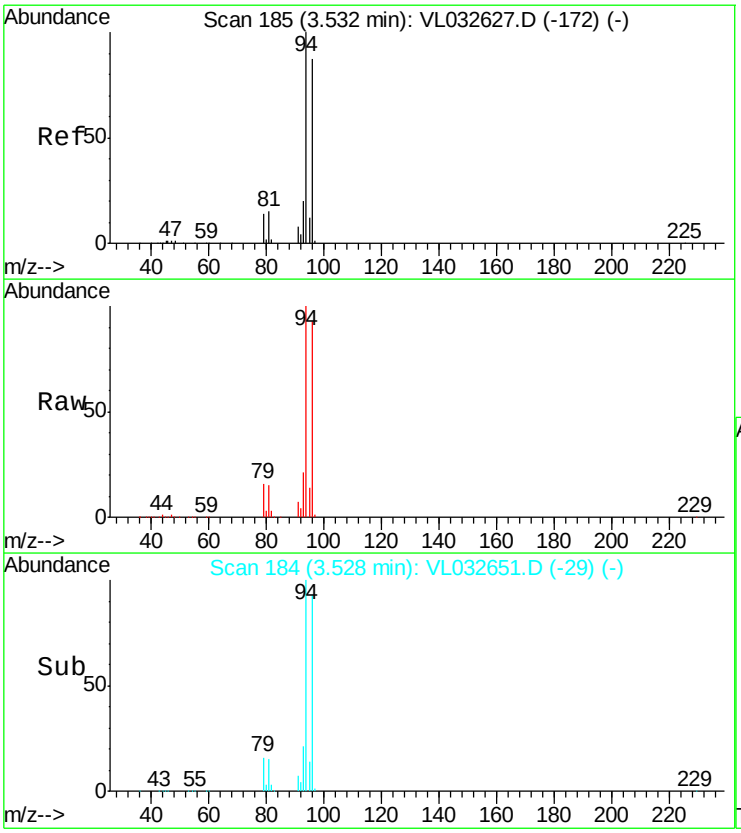
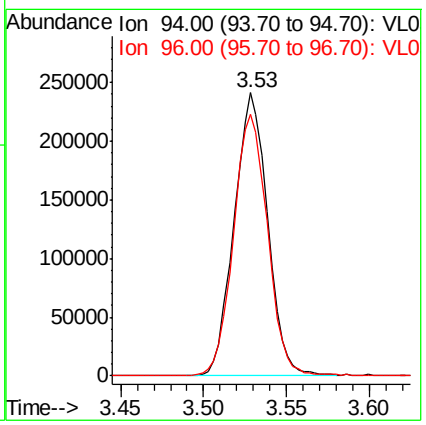
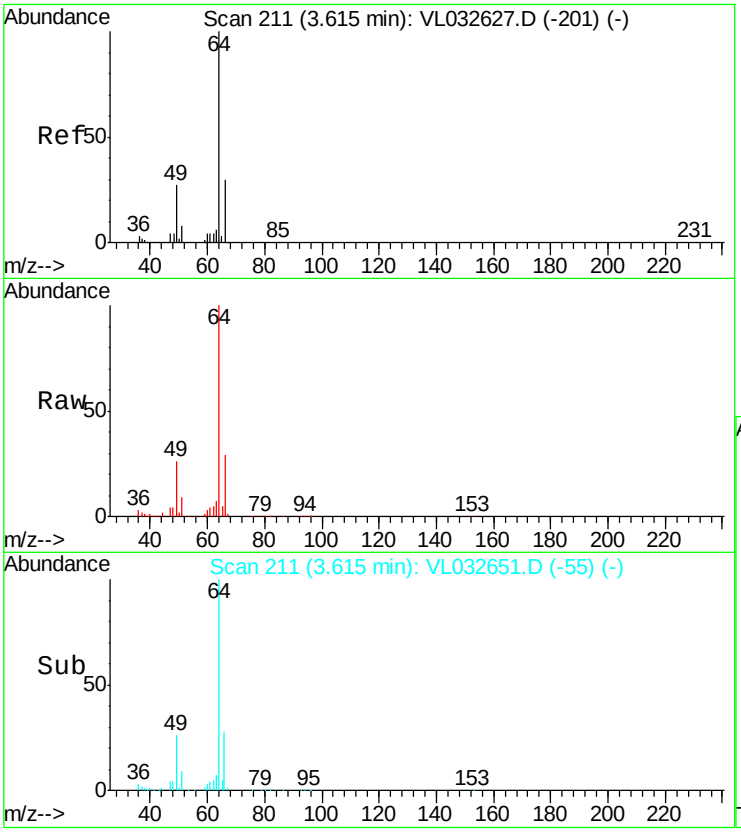


#6
Bromomethane
Concen: 9.41 ppbv
RT: 3.53 min Scan# 184
Delta R.T. -0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion: 94 Resp: 338779

Ion	Ratio	Lower	Upper
94	100		
96	92.5	69.8	104.8

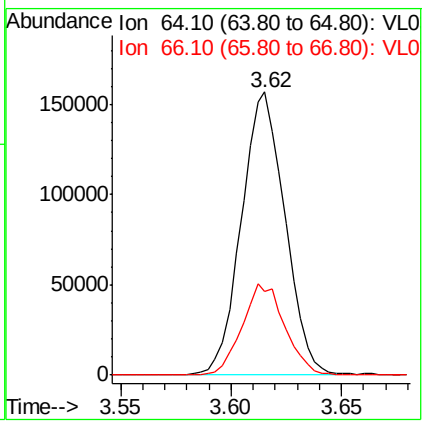




#7
Chloroethane
Concen: 9.63 ppbv
RT: 3.62 min Scan# 211
Delta R.T. 0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion: 64 Resp: 214757

Ion	Ratio	Lower	Upper
64	100		
66	29.4	24.4	36.6



Instrument :
MSVOA_L
ClientSampleId :
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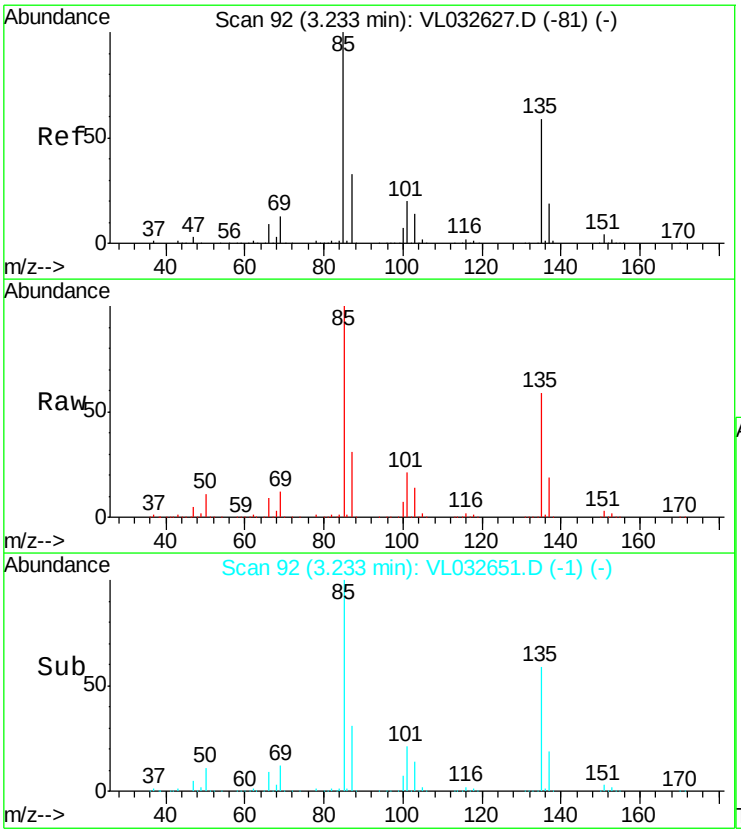
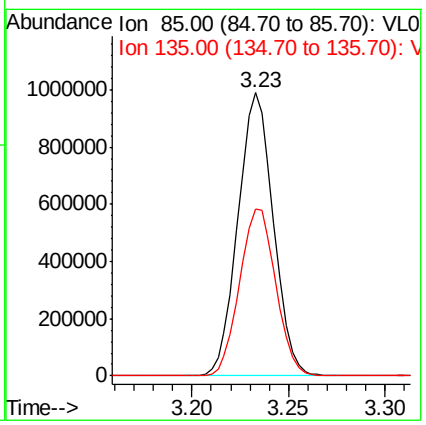
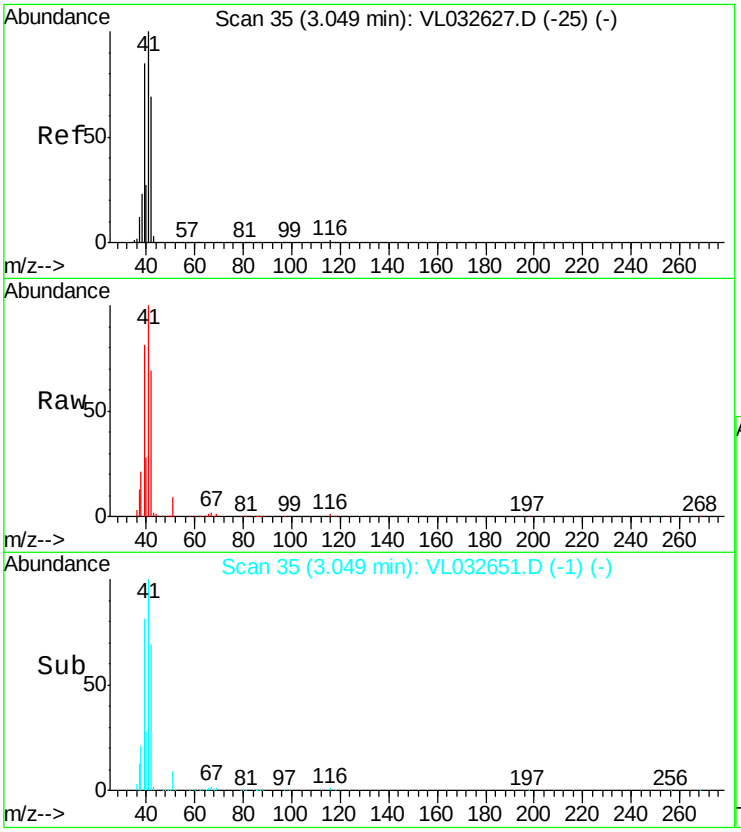


#8
Dichlorotetrafluoroethane
Concen: 9.01 ppbv
RT: 3.23 min Scan# 92
Delta R.T. 0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion: 85 Resp: 1257680

Ion	Ratio	Lower	Upper
85	100		
135	60.7	49.0	73.4

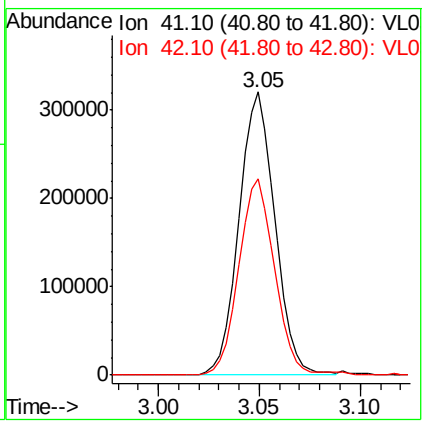




#9
Propene
Concen: 10.57 ppbv
RT: 3.05 min Scan# 35
Delta R.T. 0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion: 41 Resp: 401553

Ion	Ratio	Lower	Upper
41	100		
42	70.0	55.4	83.0



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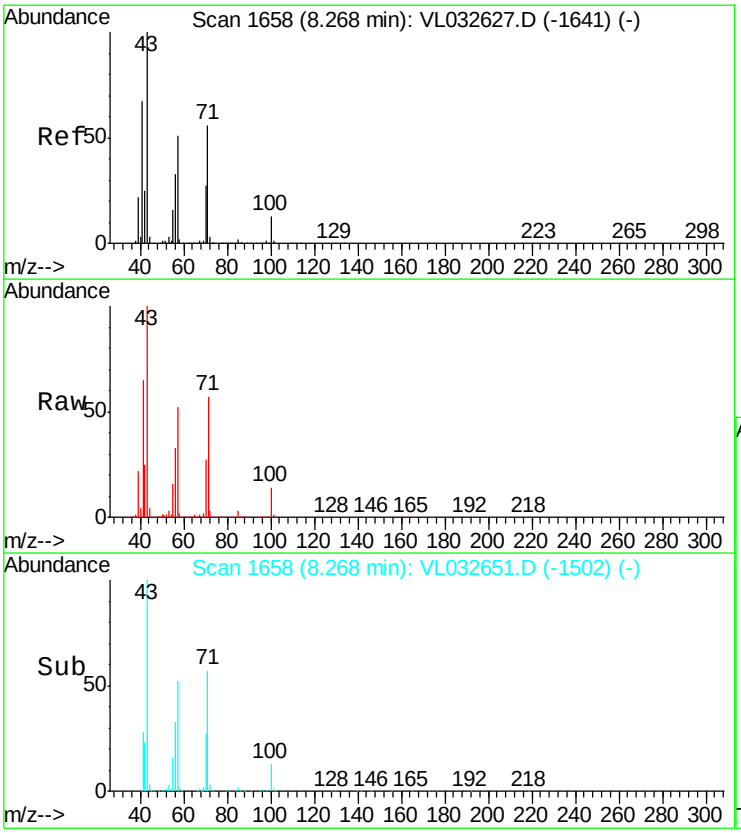
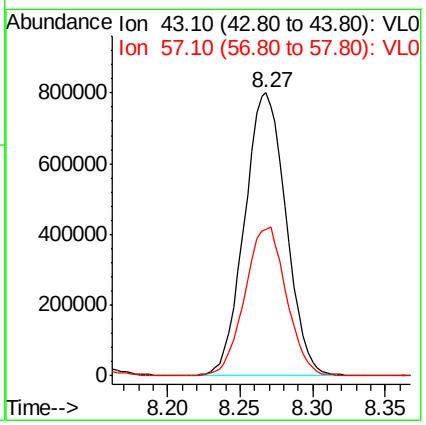
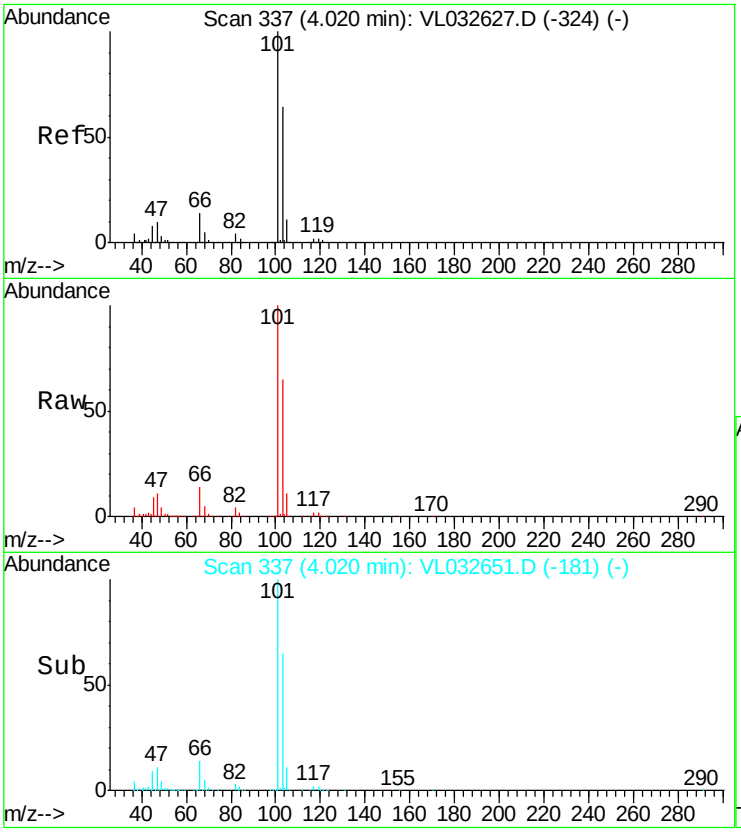


#10
Heptane
Concen: 11.18 ppbv
RT: 8.27 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion: 43 Resp: 1589983

Ion	Ratio	Lower	Upper
43	100		
57	52.9	41.5	62.3

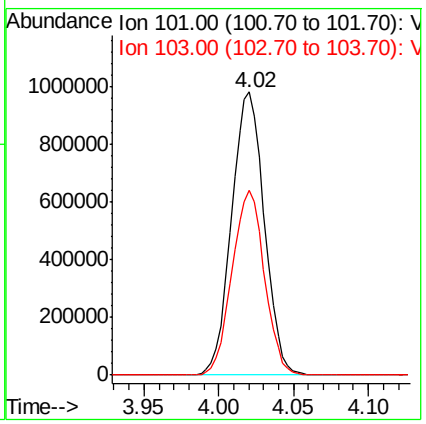




#11
Trichlorofluoromethane
Concen: 9.41 ppbv
RT: 4.02 min Scan# 337
Delta R.T. 0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion:101 Resp: 1496807

Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.4	77.2



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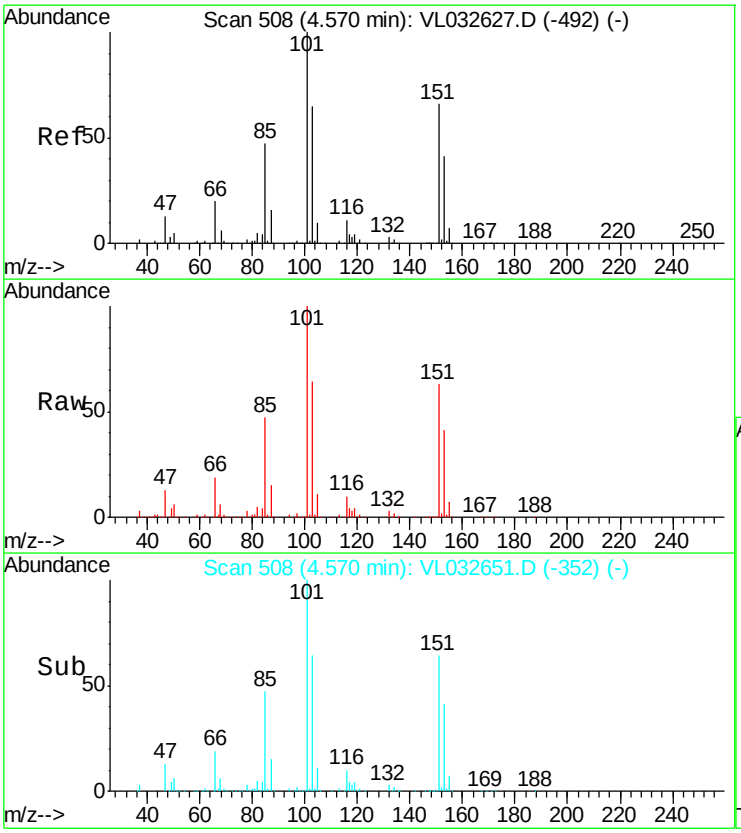
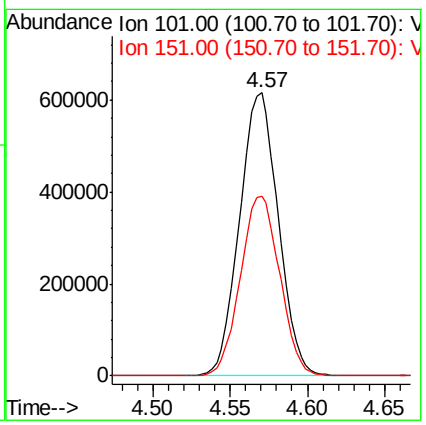
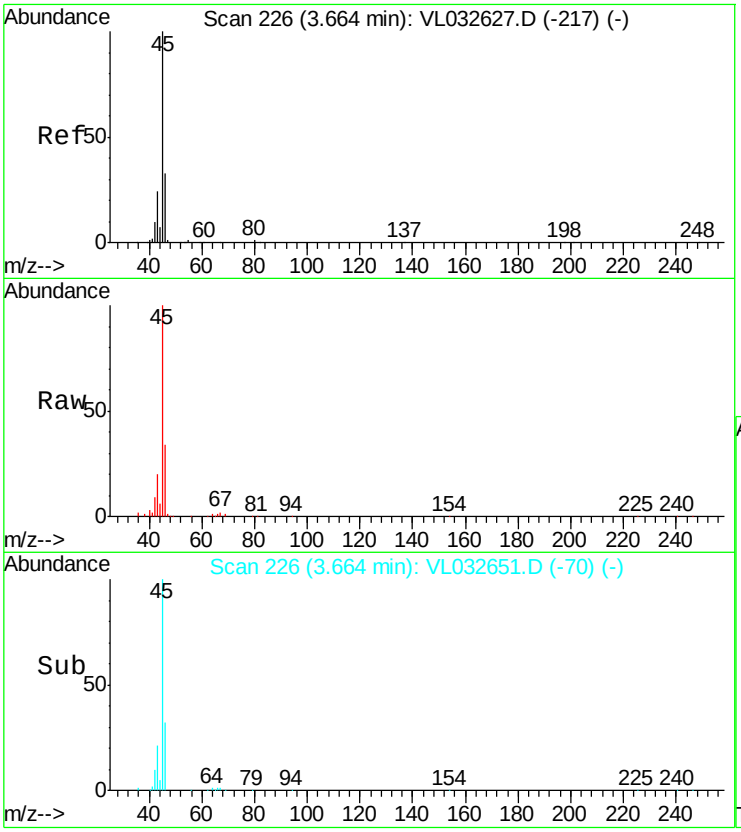


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.22 ppbv
RT: 4.57 min Scan# 508
Delta R.T. 0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion:101 Resp: 1073618

Ion	Ratio	Lower	Upper
101	100		
151	64.7	52.3	78.5

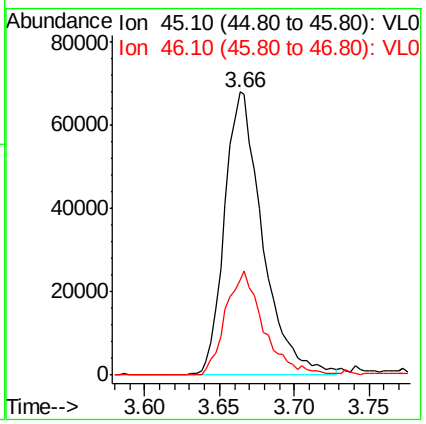




#13
Ethanol
Concen: 10.26 ppbv
RT: 3.66 min Scan# 226
Delta R.T. 0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion: 45 Resp: 120641

Ion	Ratio	Lower	Upper
45	100		
46	37.1	15.4	61.8



Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

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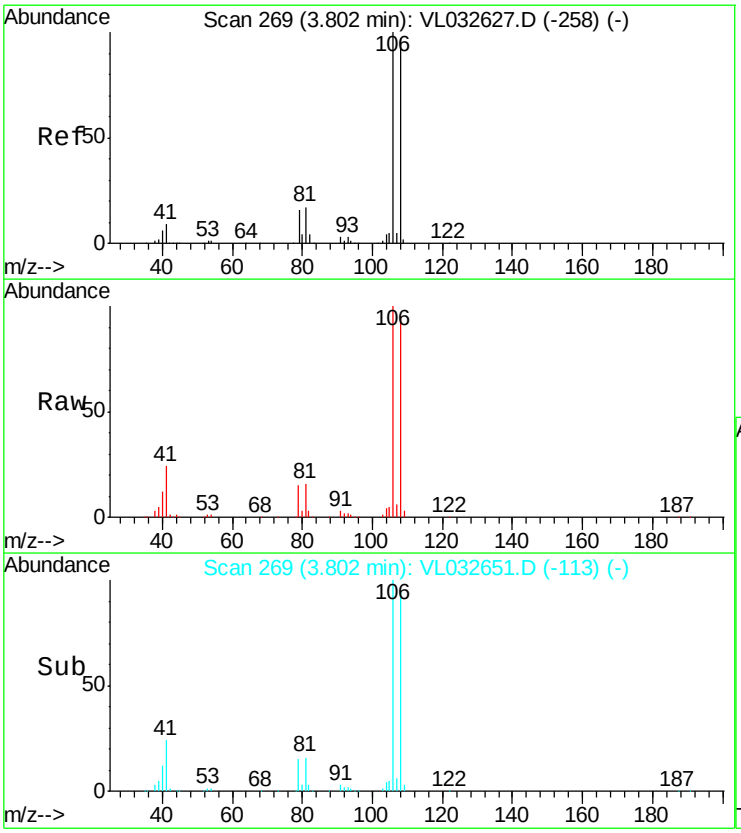
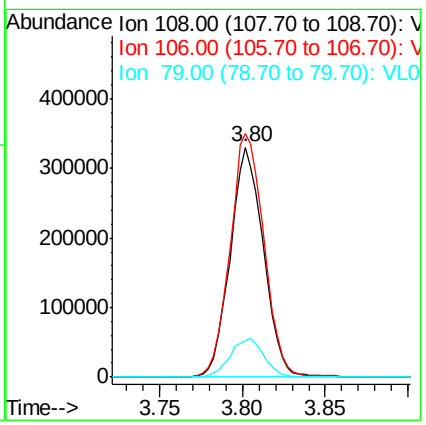
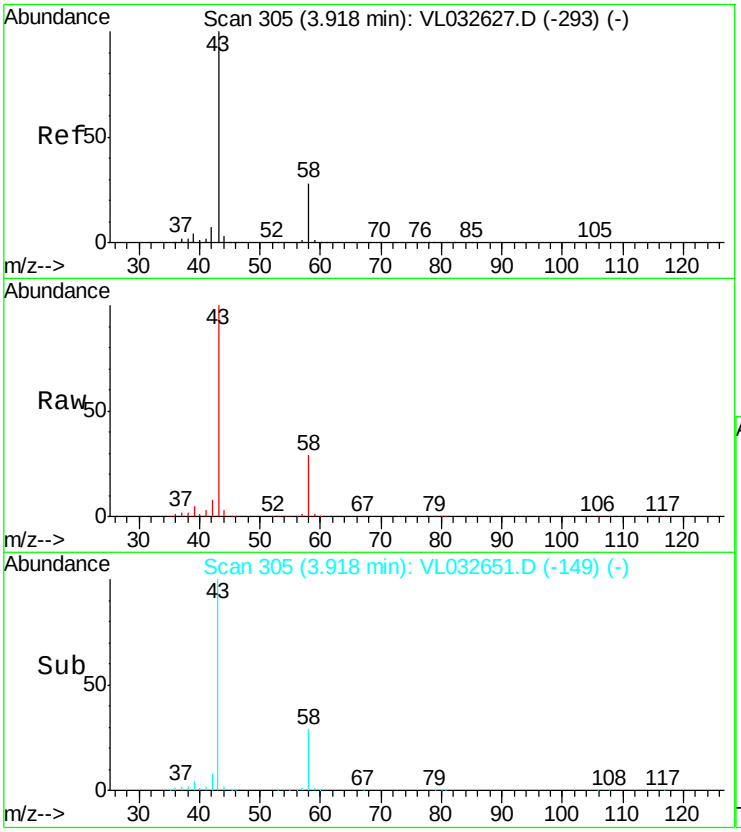


#14
Bromoethene
Concen: 10.79 ppbv
RT: 3.80 min Scan# 269
Delta R.T. 0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion:108 Resp: 459843

Ion	Ratio	Lower	Upper
108	100		
106	108.7	85.0	127.4
79	17.4	13.7	20.5

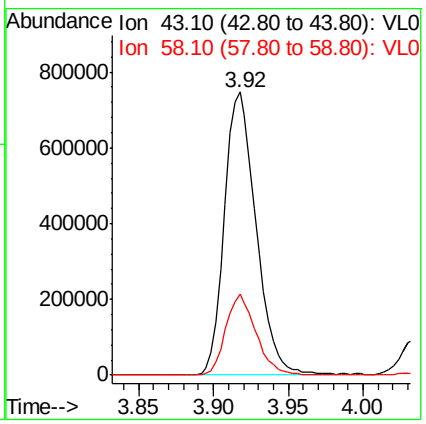




#15
Acetone
Concen: 9.99 ppbv
RT: 3.92 min Scan# 305
Delta R.T. 0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion: 43 Resp: 1101032

Ion	Ratio	Lower	Upper
43	100		
58	27.6	22.1	33.1



Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

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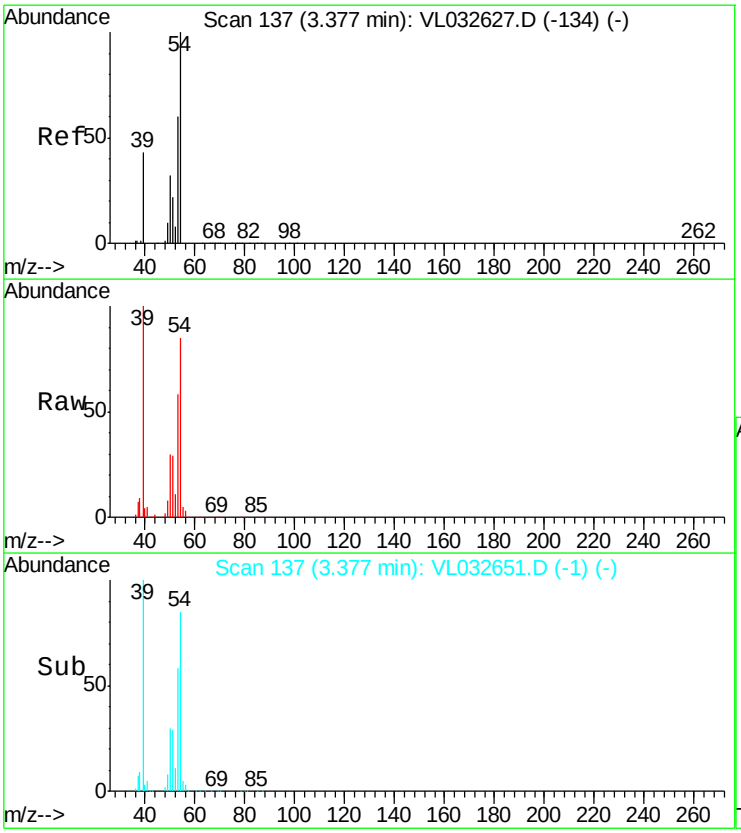
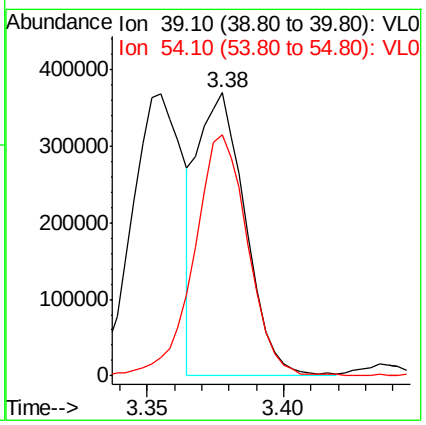
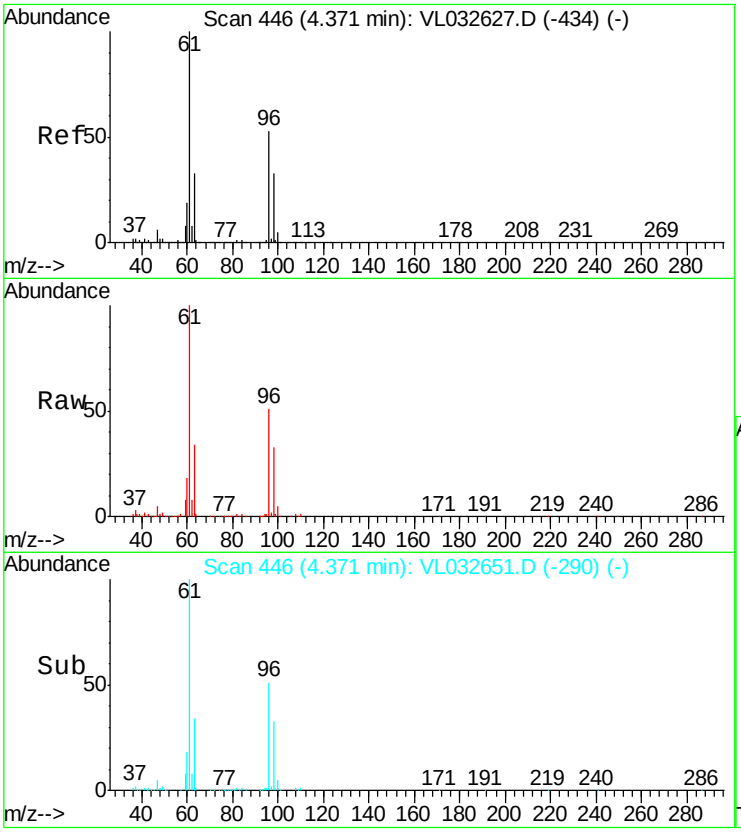


#16
1,3-Butadiene
Concen: 11.00 ppbv
RT: 3.38 min Scan# 137
Delta R.T. 0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion: 39 Resp: 448808

Ion	Ratio	Lower	Upper
39	100		
54	96.7	90.4	135.6

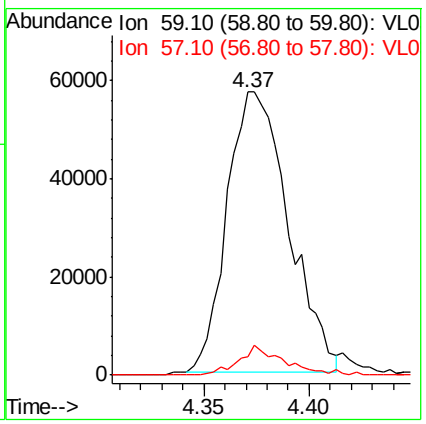




#17
tert-Butyl alcohol
Concen: 11.52 ppbv
RT: 4.37 min Scan# 446
Delta R.T. 0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion: 59 Resp: 115810

Ion	Ratio	Lower	Upper
59	100		
57	7.9	0.0	0.0#



Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

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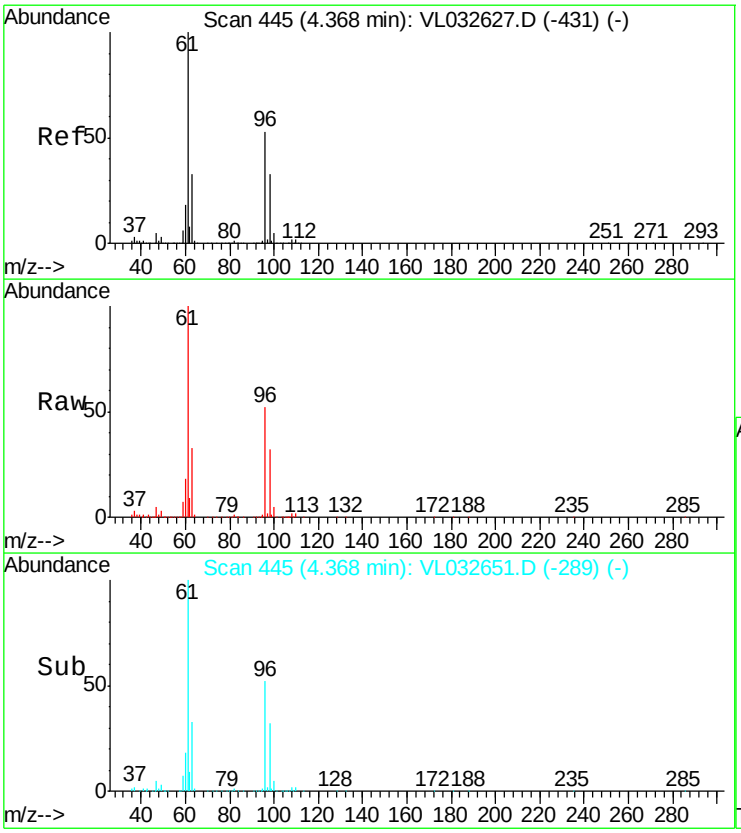
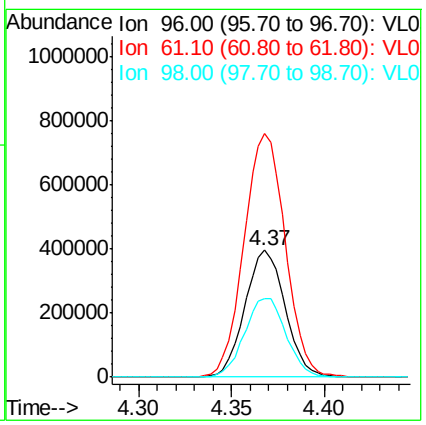
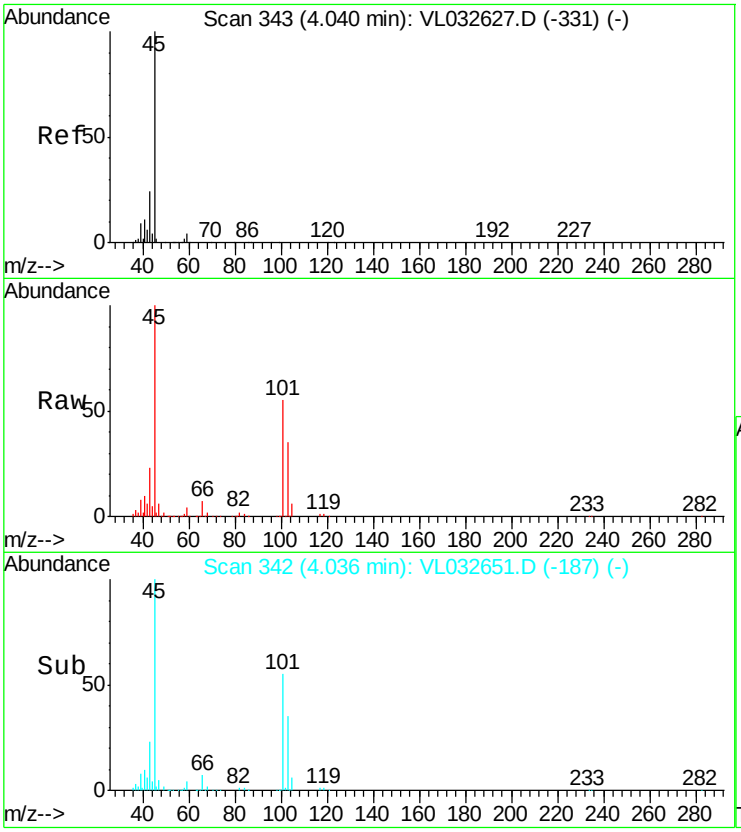


#18
1,1-Dichloroethene
Concen: 11.42 ppbv
RT: 4.37 min Scan# 445
Delta R.T. 0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion: 96 Resp: 599836

Ion	Ratio	Lower	Upper
96	100		
61	191.8	151.6	227.4
98	61.4	50.6	75.8

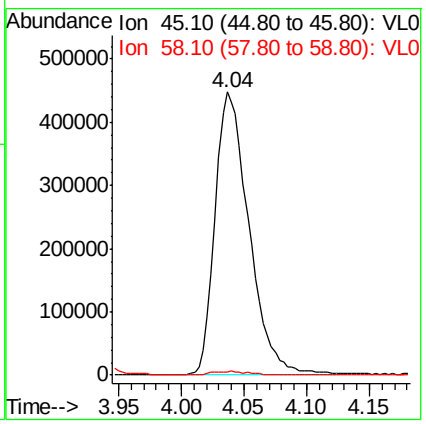




#19
Isopropyl Alcohol
Concen: 10.76 ppbv
RT: 4.04 min Scan# 342
Delta R.T. -0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion: 45 Resp: 837522

Ion	Ratio	Lower	Upper
45	100		
58	1.6	2.0	3.0#



Instrument :
MSVOA_L
ClientSampleId :
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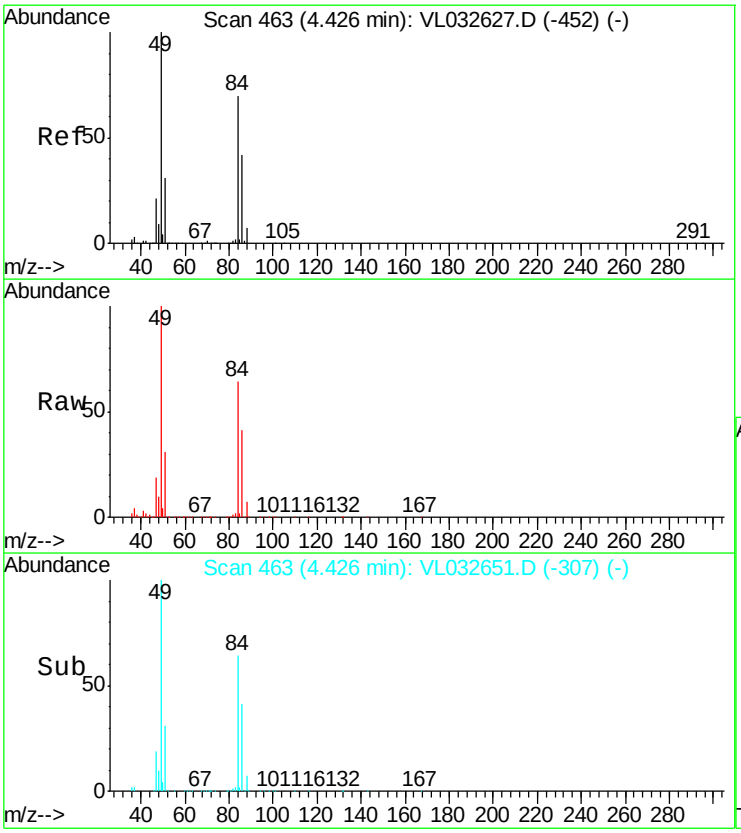
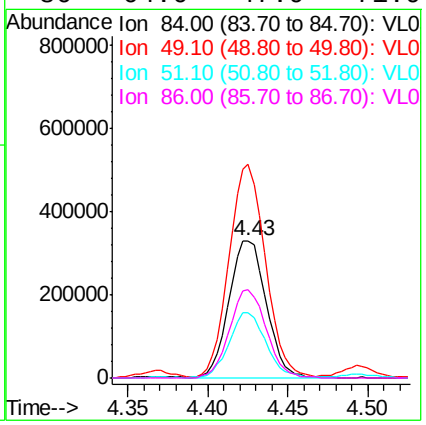
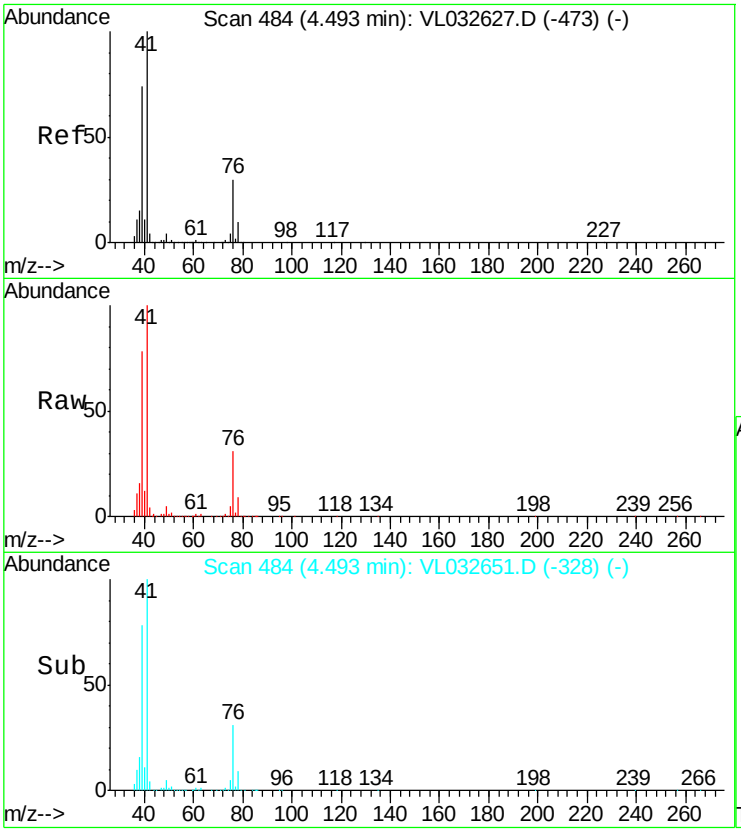


#20
Methylene Chloride
Concen: 10.58 ppbv
RT: 4.43 min Scan# 463
Delta R.T. 0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion: 84 Resp: 522215

Ion	Ratio	Lower	Upper
84	100		
49	154.3	113.5	170.3
51	47.0	34.8	52.2
86	64.0	47.9	71.9

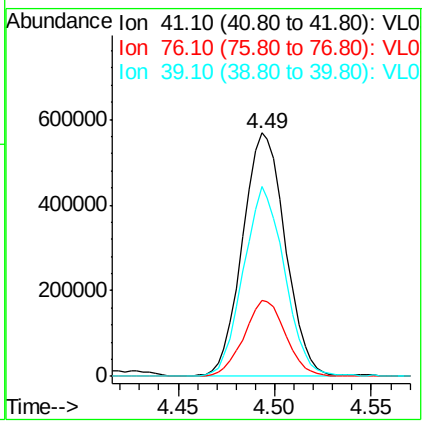




#21
Allyl Chloride
Concen: 10.53 ppbv
RT: 4.49 min Scan# 484
Delta R.T. 0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion: 41 Resp: 870620

Ion	Ratio	Lower	Upper
41	100		
76	30.6	24.3	36.5
39	76.0	60.3	90.5



Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

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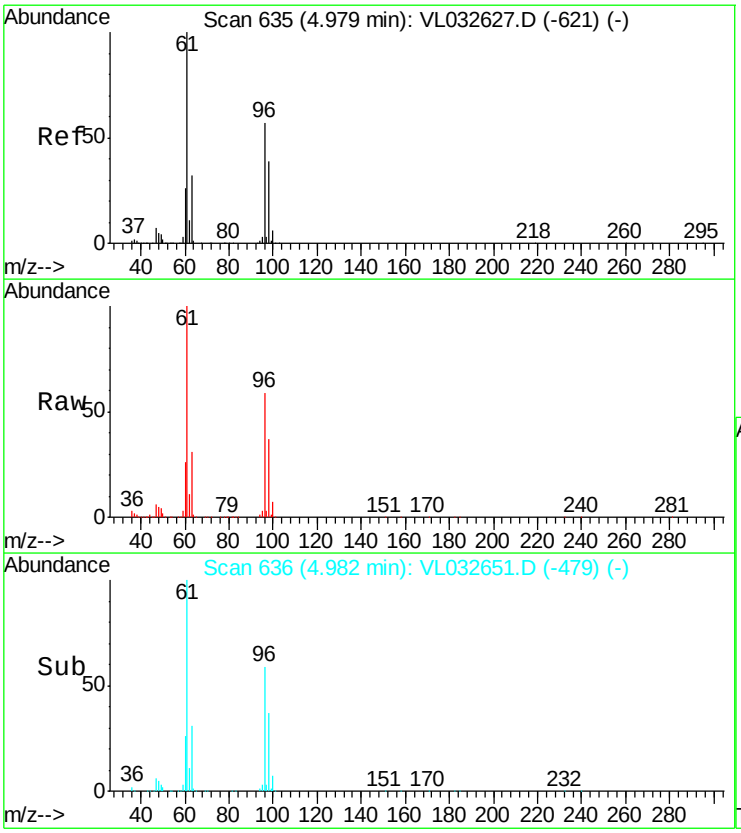
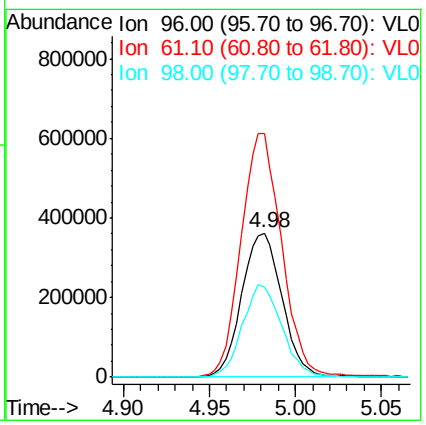
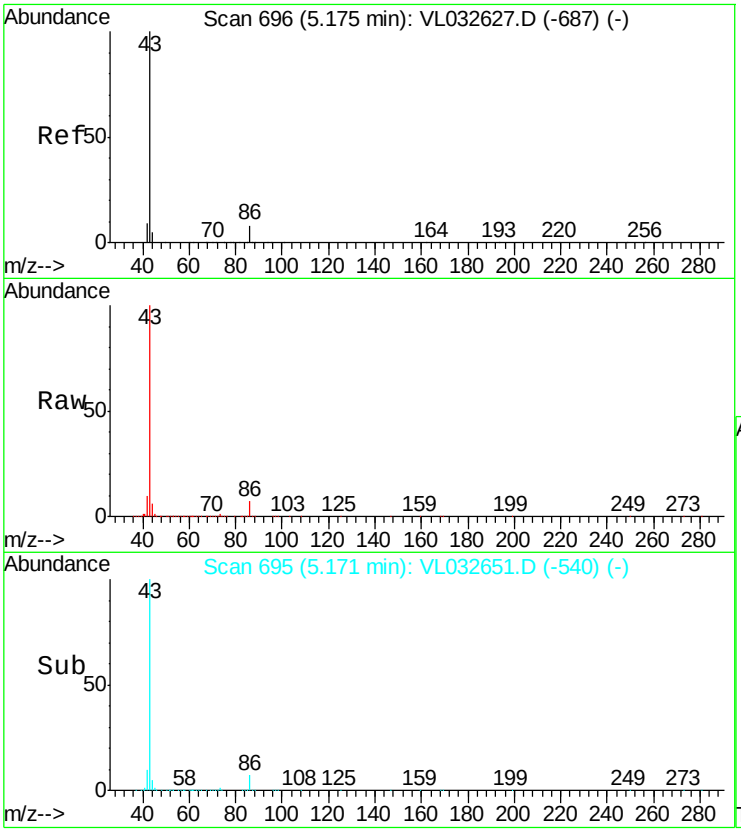


#22
trans-1,2-Dichloroethene
Concen: 9.71 ppbv
RT: 4.98 min Scan# 636
Delta R.T. 0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion: 96 Resp: 588982

Ion	Ratio	Lower	Upper
96	100		
61	168.5	140.4	210.6
98	62.3	55.0	82.6

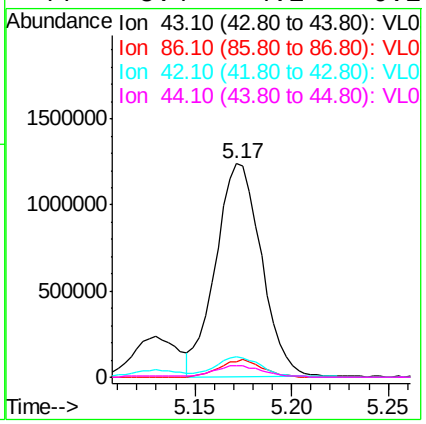




#23
Vinyl Acetate
Concen: 11.59 ppbv
RT: 5.17 min Scan# 695
Delta R.T. -0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion: 43 Resp: 2032510

Ion	Ratio	Lower	Upper
43	100		
86	7.4	6.1	9.1
42	9.8	7.4	11.2
44	5.4	4.2	6.2



Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

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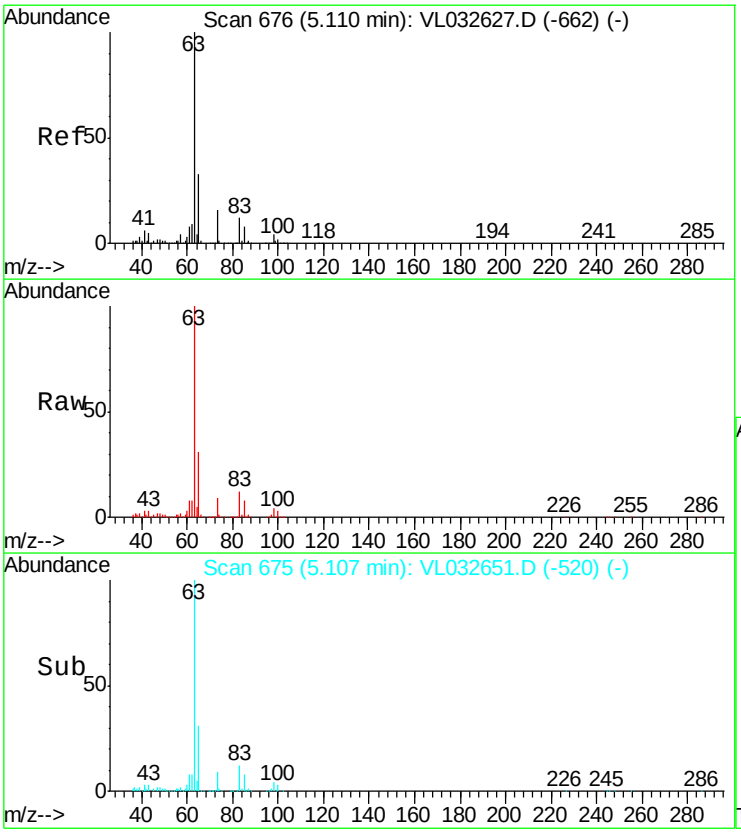
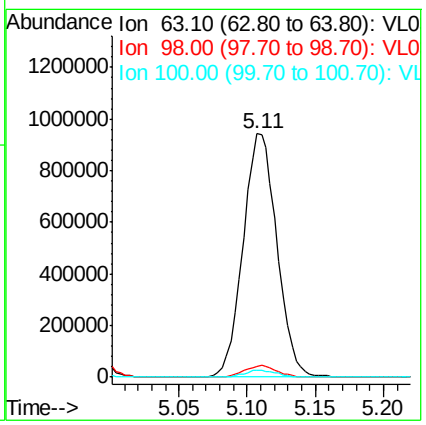
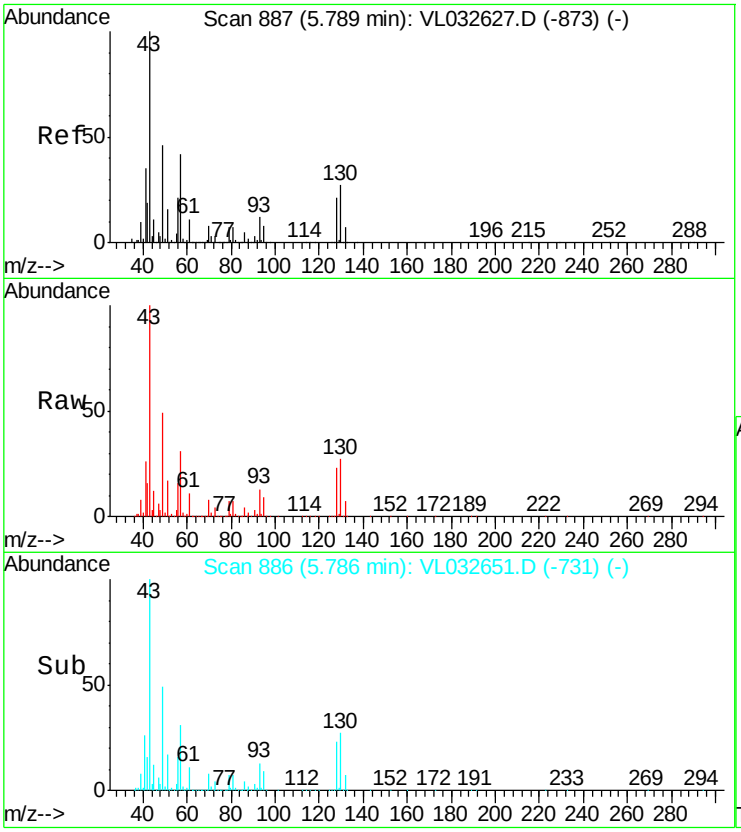


#24
1,1-Dichloroethane
Concen: 9.95 ppbv
RT: 5.11 min Scan# 675
Delta R.T. -0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion: 63 Resp: 1617766

Ion	Ratio	Lower	Upper
63	100		
98	4.1	2.1	6.3
100	2.6	1.2	3.6

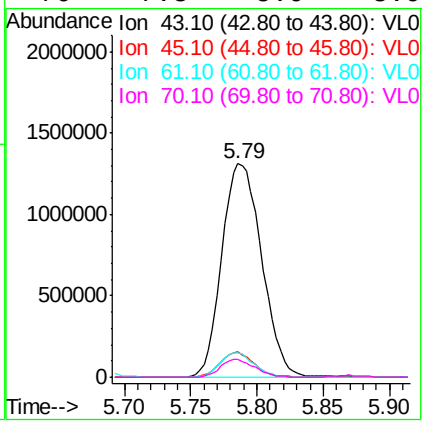




#25
Ethyl Acetate
Concen: 10.47 ppbv
RT: 5.79 min Scan# 886
Delta R.T. -0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion: 43 Resp: 2730806

Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.0	12.0
61	10.1	8.0	12.0
70	7.3	5.9	8.9



Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations APPROVED
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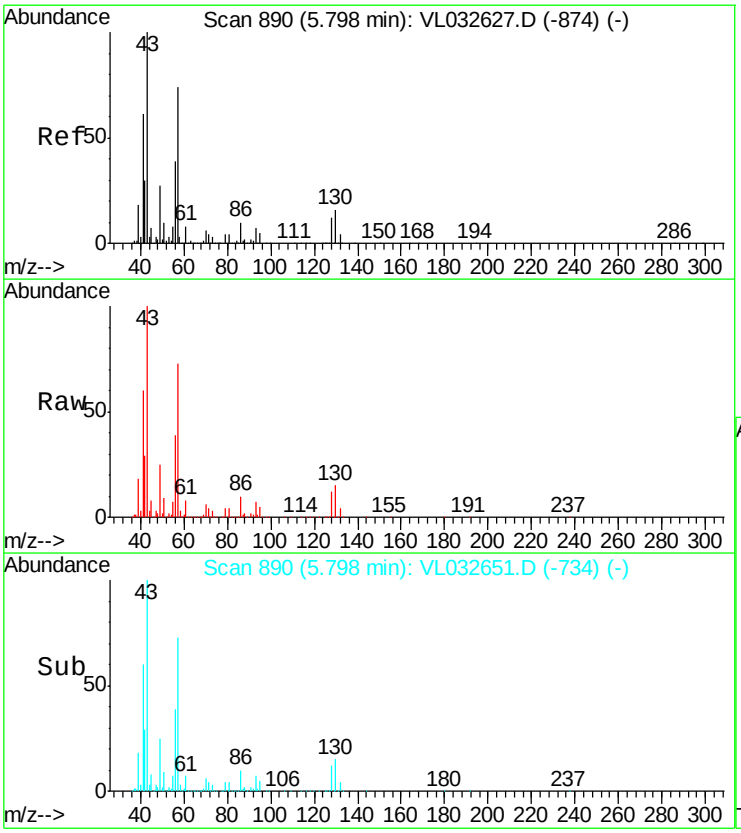
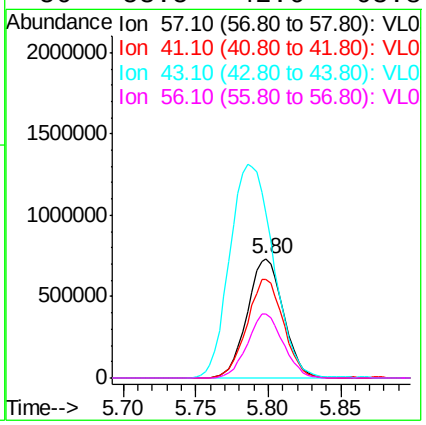
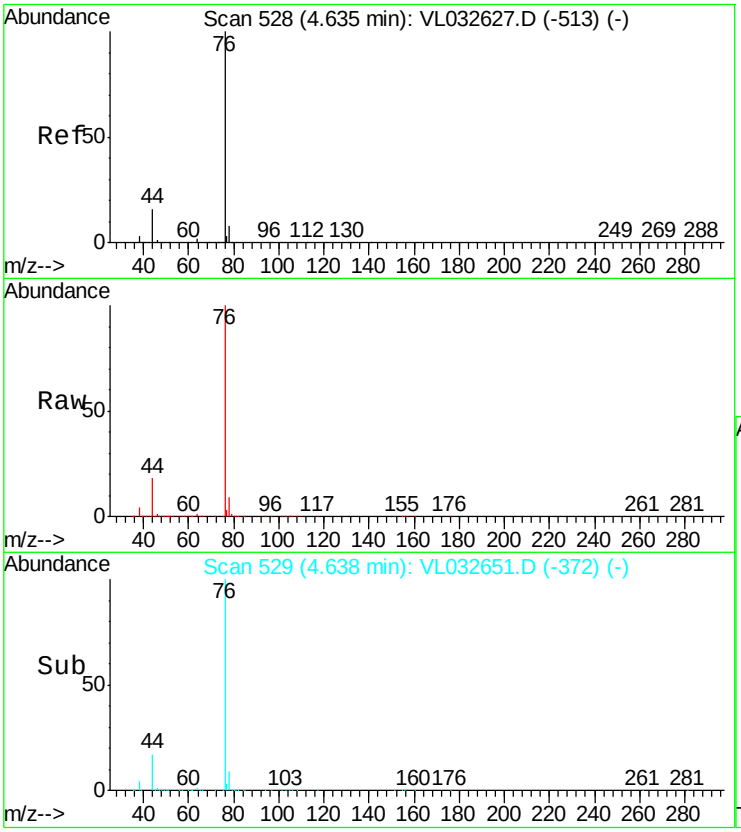


#26
Hexane
Concen: 10.81 ppbv
RT: 5.80 min Scan# 890
Delta R.T. -0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion: 57 Resp: 1269300

Ion	Ratio	Lower	Upper
57	100		
41	84.4	67.4	101.0
43	216.9	171.9	257.9
56	53.5	42.6	63.8

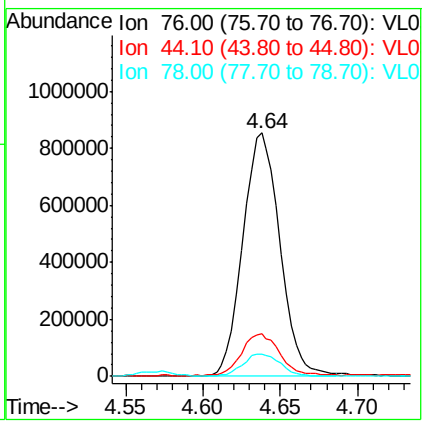




#27
Carbon Disulfide
Concen: 10.05 ppbv
RT: 4.64 min Scan# 529
Delta R.T. 0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion: 76 Resp: 1425837

Ion	Ratio	Lower	Upper
76	100		
44	17.8	13.7	20.5
78	9.4	7.4	11.2



Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

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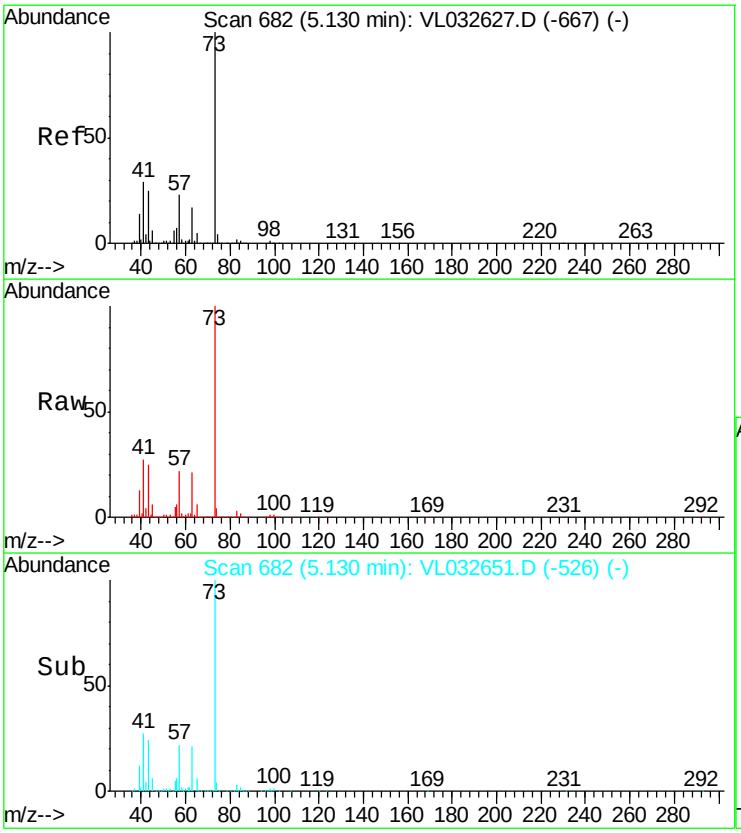
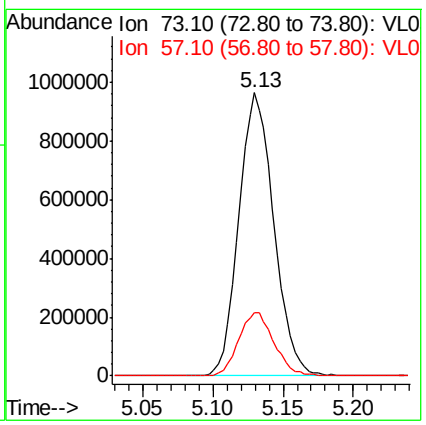
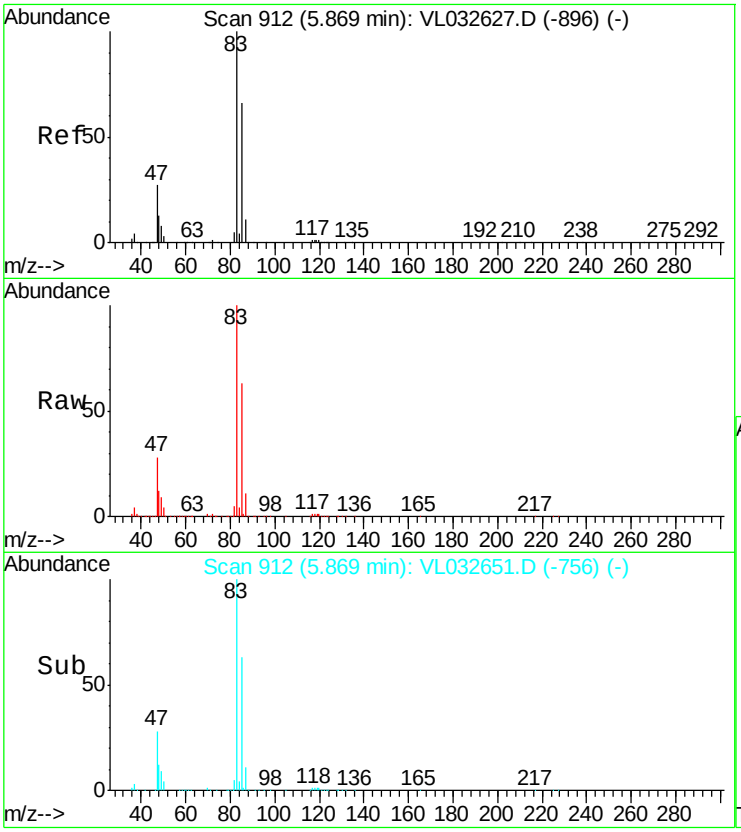


#28
Methyl tert-Butyl Ether
Concen: 11.36 ppbv
RT: 5.13 min Scan# 682
Delta R.T. -0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion: 73 Resp: 1676153

Ion	Ratio	Lower	Upper
73	100		
57	22.7	18.0	27.0

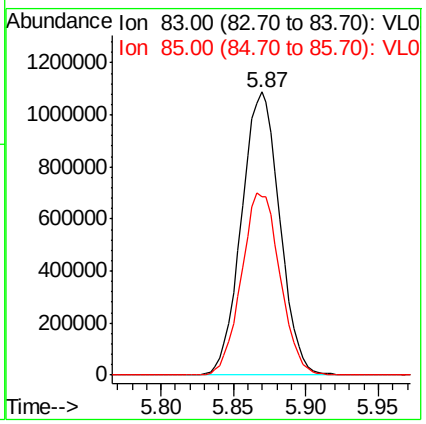




#29
Chloroform
Concen: 9.69 ppbv
RT: 5.87 min Scan# 912
Delta R.T. 0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion: 83 Resp: 1994019

Ion	Ratio	Lower	Upper
83	100		
85	62.9	53.0	79.6



Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations APPROVED
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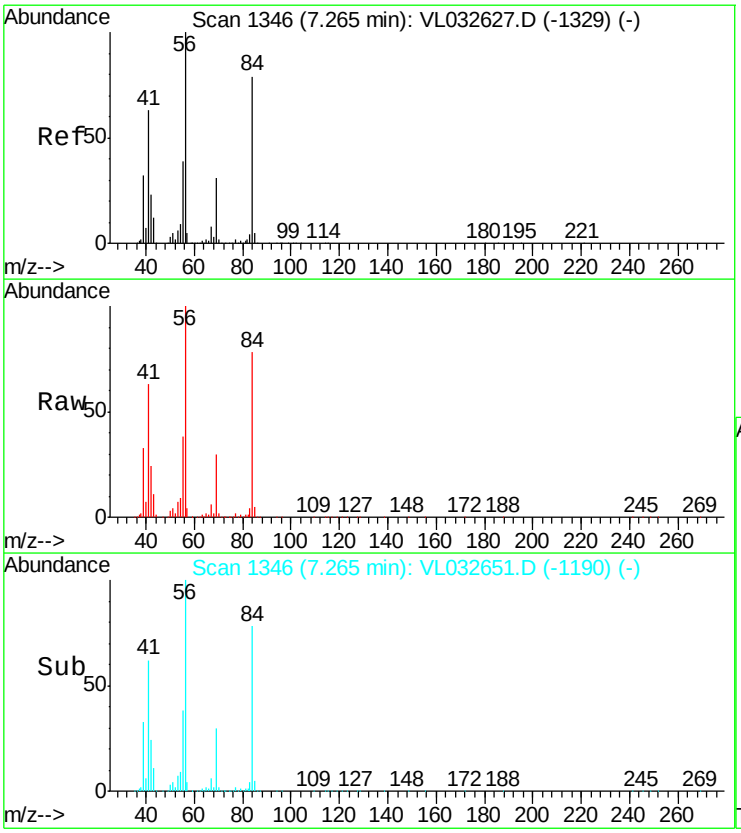
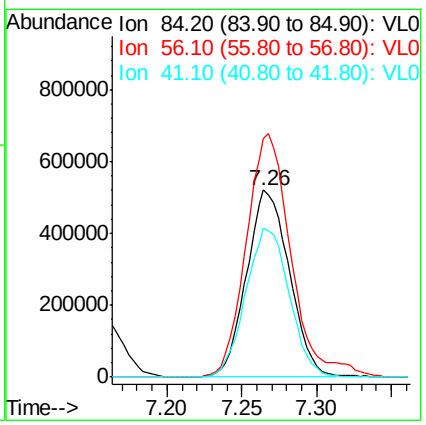
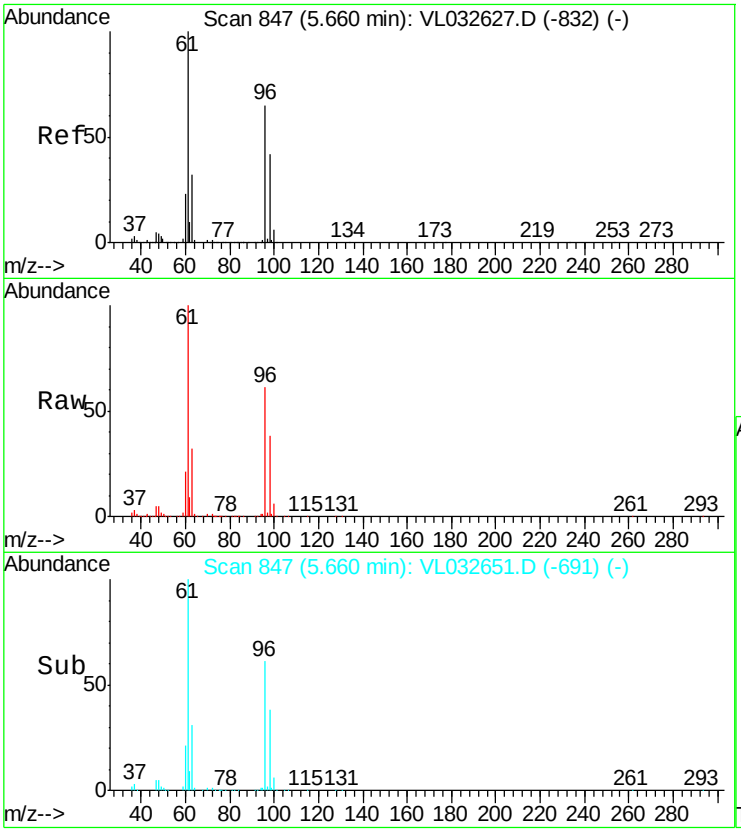


#30
Cyclohexane
Concen: 11.17 ppbv
RT: 7.26 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion: 84 Resp: 1034767

Ion	Ratio	Lower	Upper
84	100		
56	136.9	108.3	162.5
41	81.3	64.8	97.2

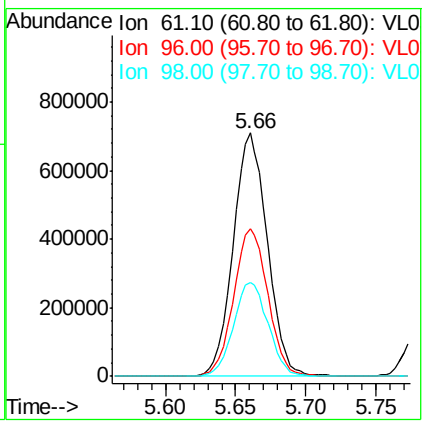




#31
cis-1,2-Dichloroethene
Concen: 10.67 ppbv
RT: 5.66 min Scan# 847
Delta R.T. 0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion: 61 Resp: 1204357

Ion	Ratio	Lower	Upper
61	100		
96	60.5	51.8	77.6
98	38.4	33.8	50.6



Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

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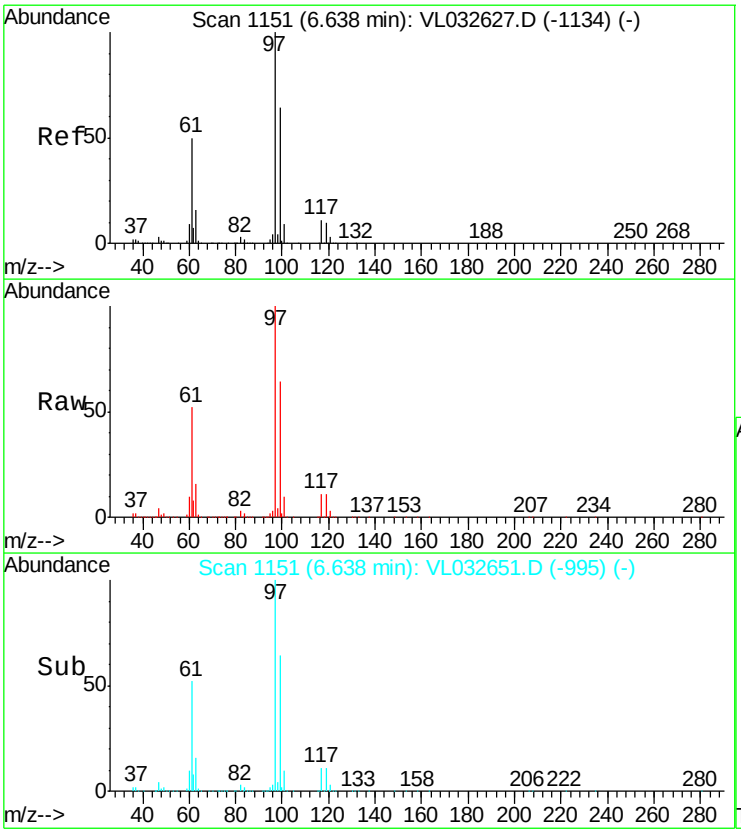
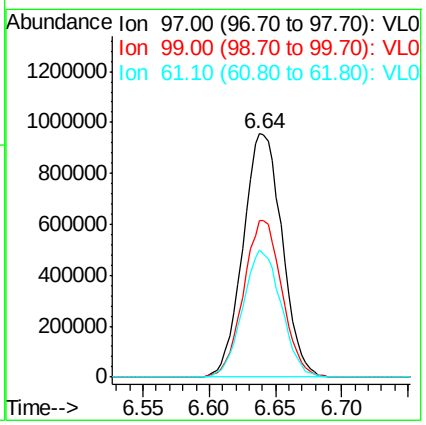
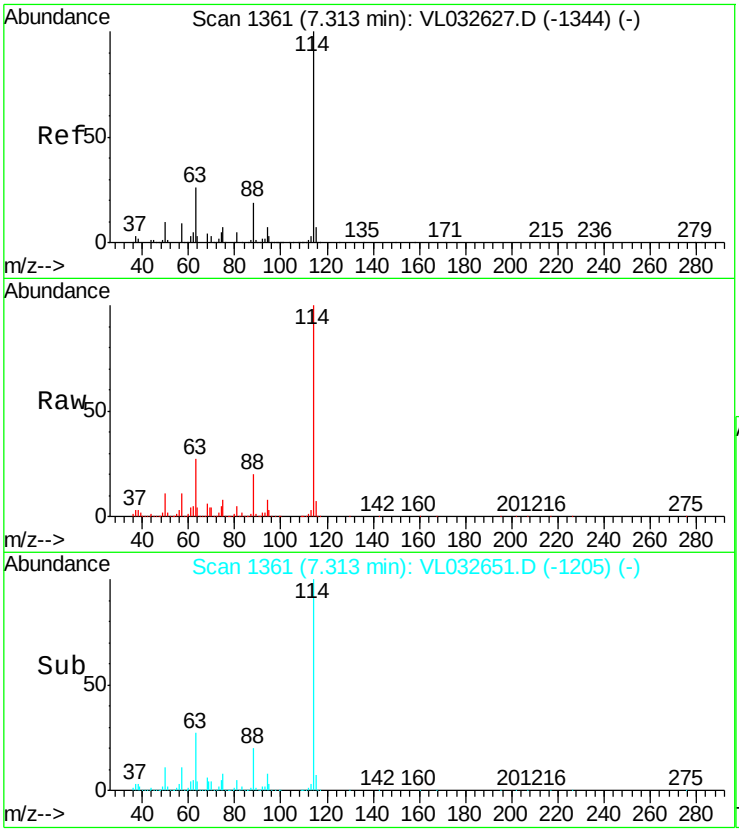


#32
1,1,1-Trichloroethane
Concen: 9.55 ppbv
RT: 6.64 min Scan# 1151
Delta R.T. 0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion: 97 Resp: 1962021

Ion	Ratio	Lower	Upper
97	100		
99	63.5	52.0	78.0
61	51.6	40.7	61.1

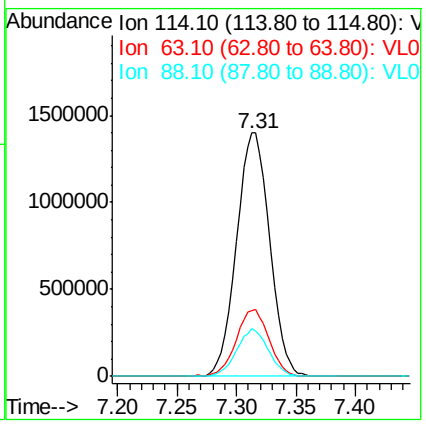




#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.31 min Scan# 1361
Delta R.T. 0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion:114 Resp: 2699777

Ion	Ratio	Lower	Upper
114	100		
63	27.4	21.7	32.5
88	18.6	14.9	22.3



Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

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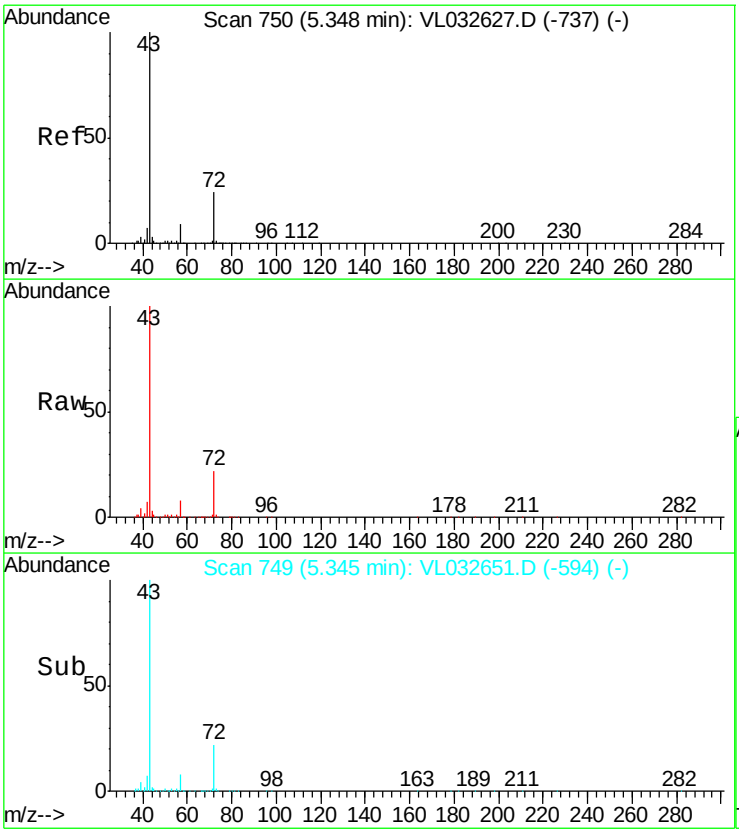
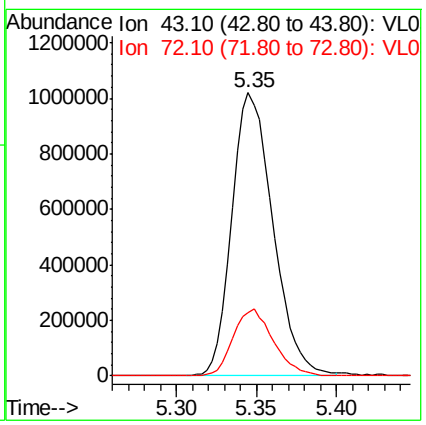
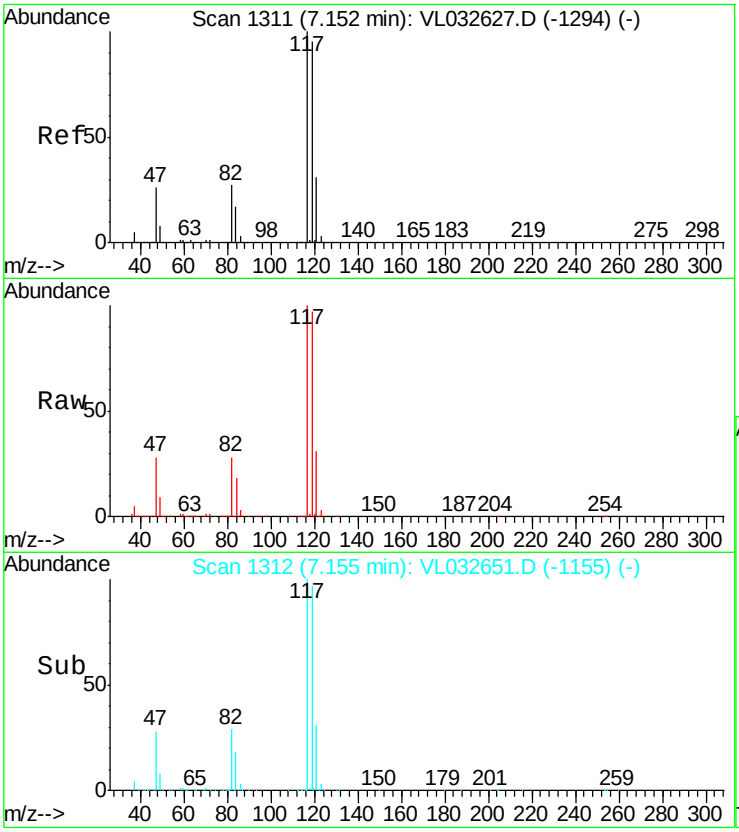


#34
2-Butanone
Concen: 11.86 ppbv
RT: 5.35 min Scan# 749
Delta R.T. -0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion: 43 Resp: 1777794

Ion	Ratio	Lower	Upper
43	100		
72	23.2	18.6	27.8

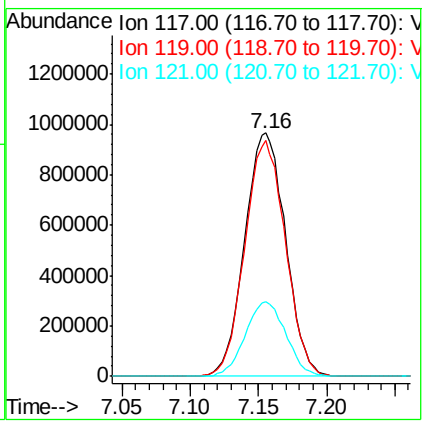




#35
Carbon Tetrachloride
Concen: 9.59 ppbv
RT: 7.16 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion:117 Resp: 2007513

Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.7	113.5
121	30.5	24.7	37.1



Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

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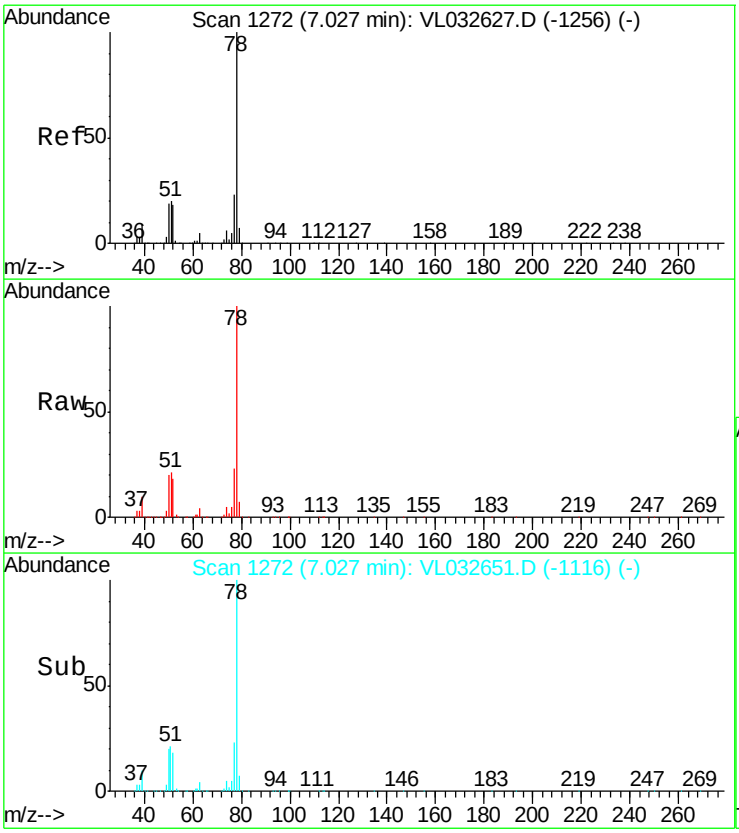
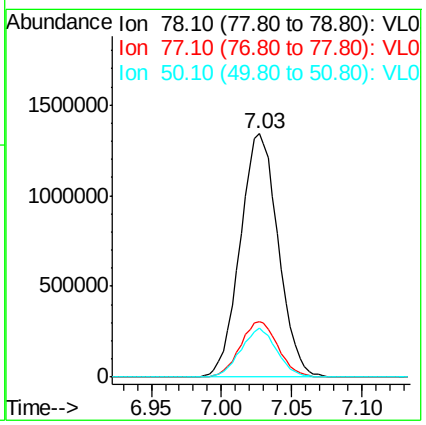
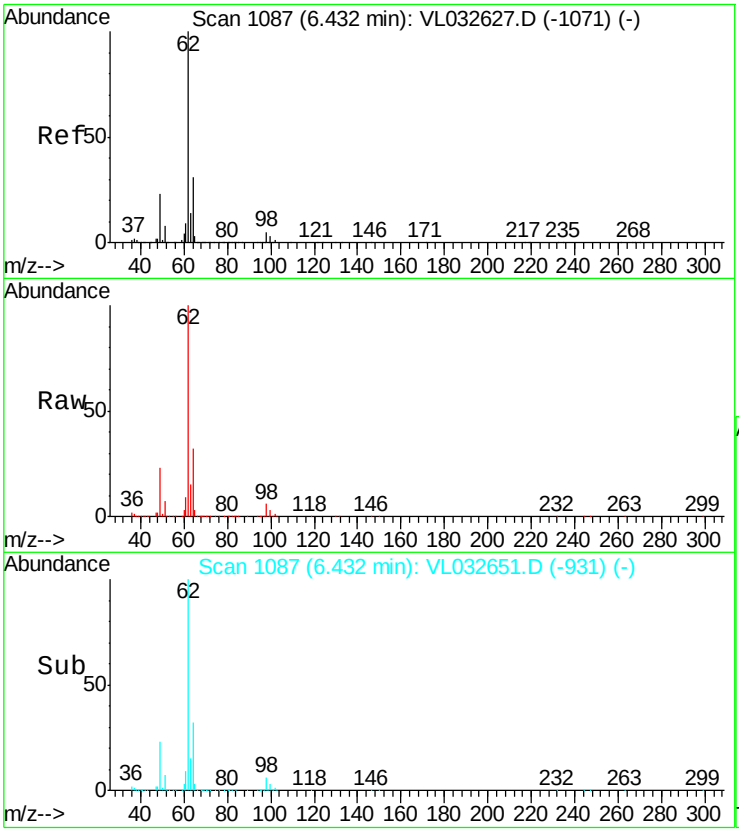


#36
Benzene
Concen: 11.61 ppbv
RT: 7.03 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion: 78 Resp: 2540222

Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.1	27.1
50	19.9	15.1	22.7

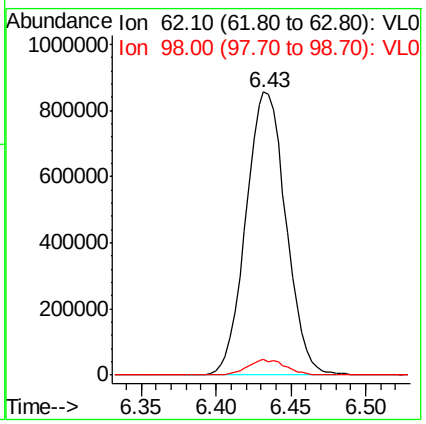




#37
1,2-Dichloroethane
Concen: 10.62 ppbv
RT: 6.43 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion: 62 Resp: 1593585

Ion	Ratio	Lower	Upper
62	100		
98	5.4	4.4	6.6



Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

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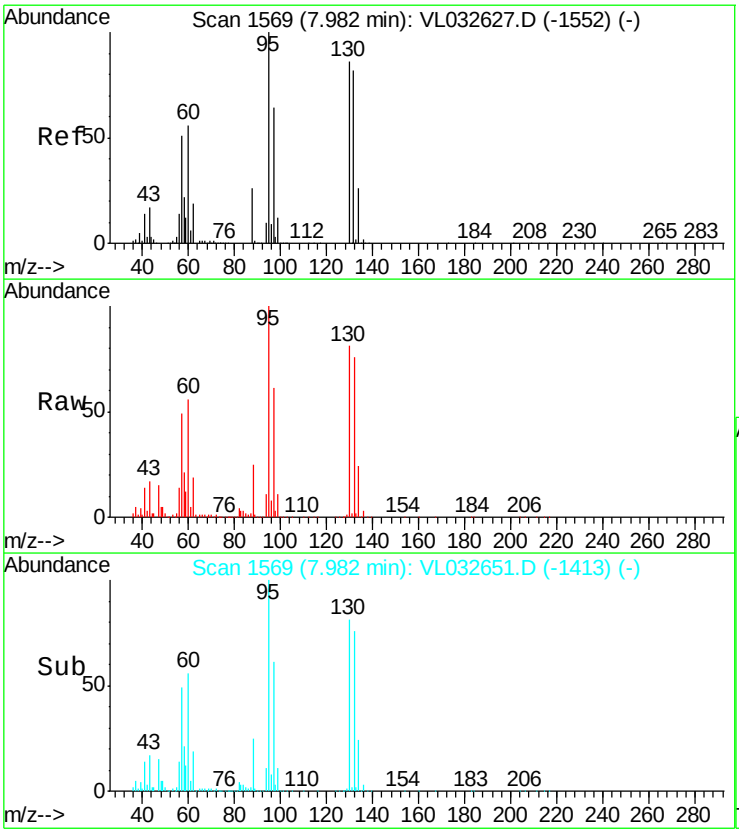
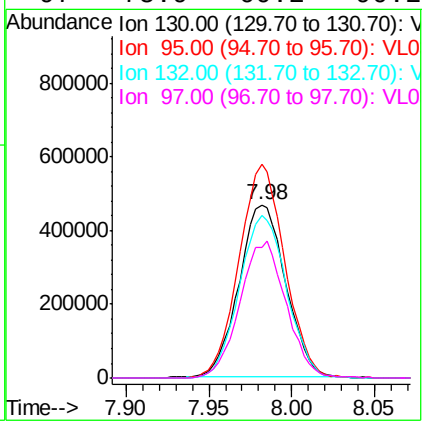
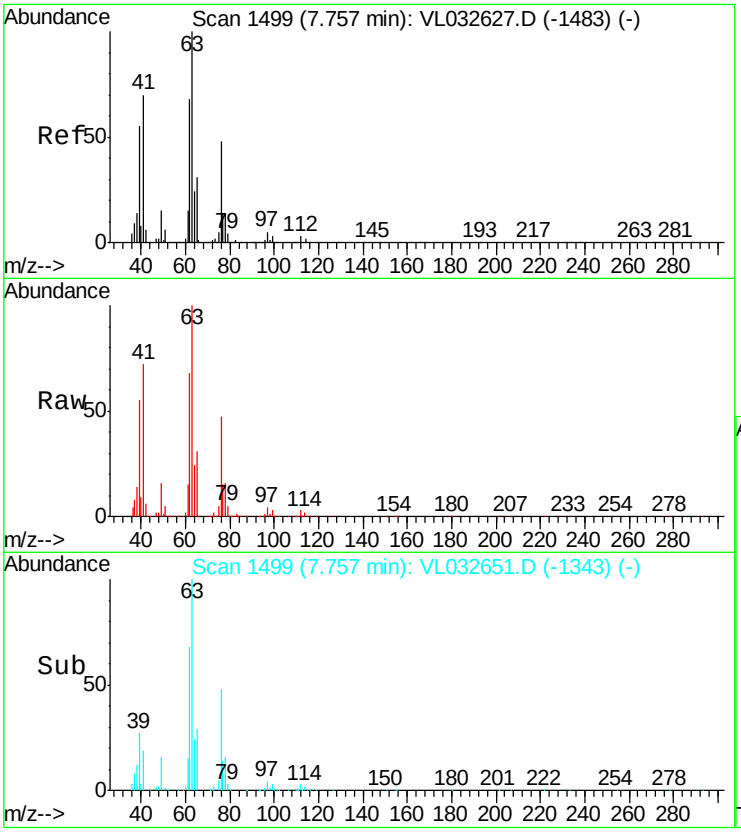


#38
Trichloroethene
Concen: 11.13 ppbv
RT: 7.98 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion:130 Resp: 915539

Ion	Ratio	Lower	Upper
130	100		
95	123.9	93.4	140.0
132	94.0	76.5	114.7
97	75.9	60.2	90.2

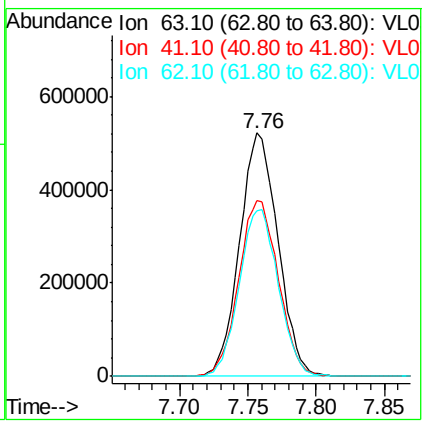




#39
1,2-Dichloropropane
Concen: 11.44 ppbv
RT: 7.76 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion: 63 Resp: 1018645

Ion	Ratio	Lower	Upper
63	100		
41	72.0	56.2	84.4
62	67.8	54.4	81.6



Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

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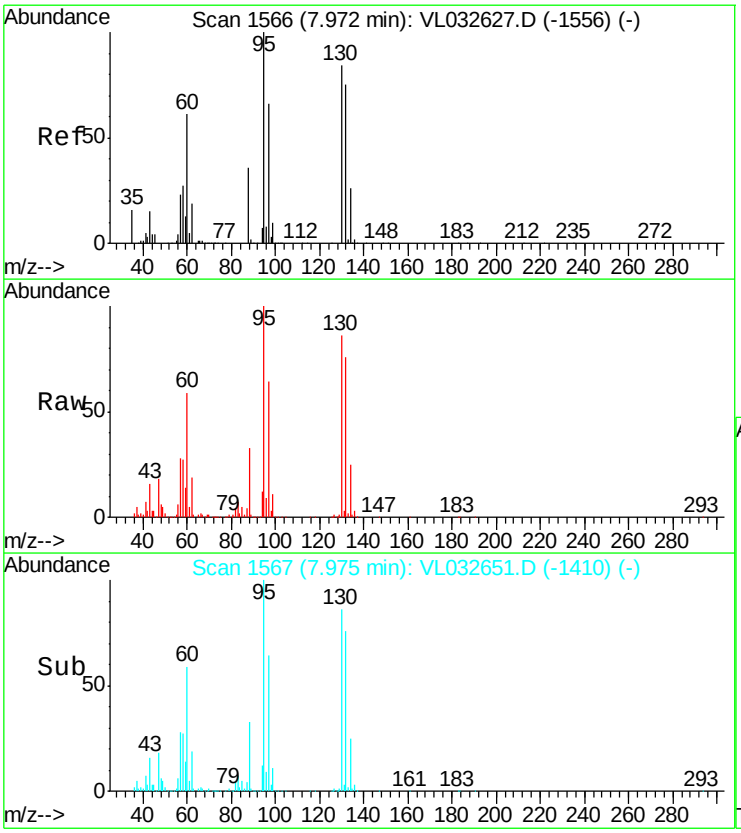
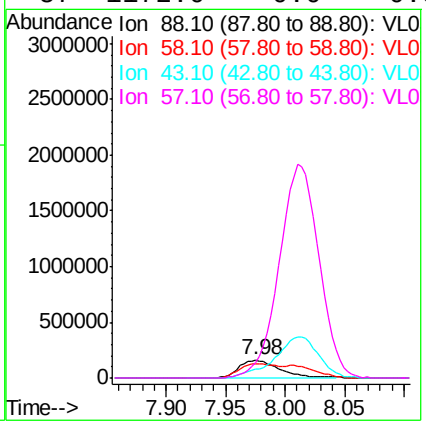
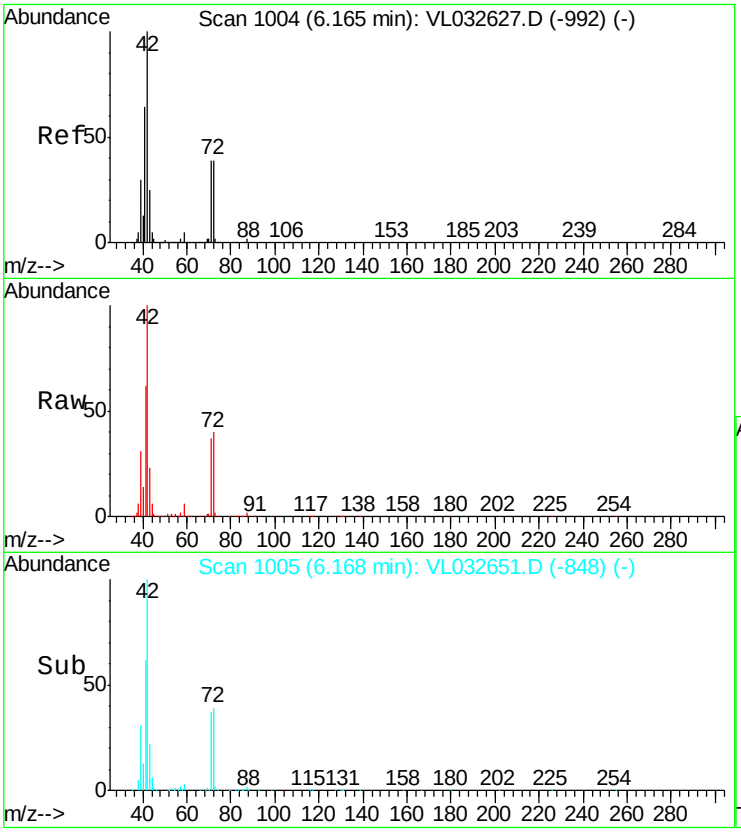


#40
1,4-Dioxane
Concen: 12.36 ppbv
RT: 7.98 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion: 88 Resp: 380086

Ion	Ratio	Lower	Upper
88	100		
58	131.2	104.0	156.0
43	251.0	0.0	0.0#
57	1172.0	0.0	0.0#

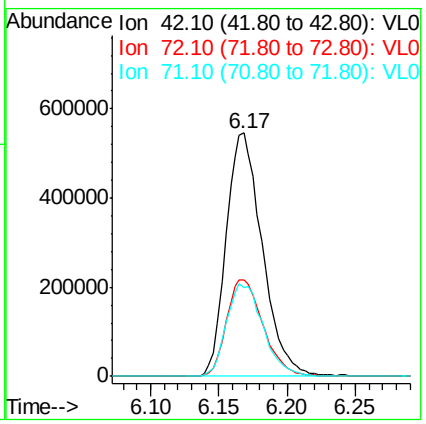




#41
Tetrahydrofuran
Concen: 12.58 ppbv
RT: 6.17 min Scan# 1005
Delta R.T. 0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion: 42 Resp: 999895

Ion	Ratio	Lower	Upper
42	100		
72	40.7	32.4	48.6
71	39.1	31.3	46.9



Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations APPROVED
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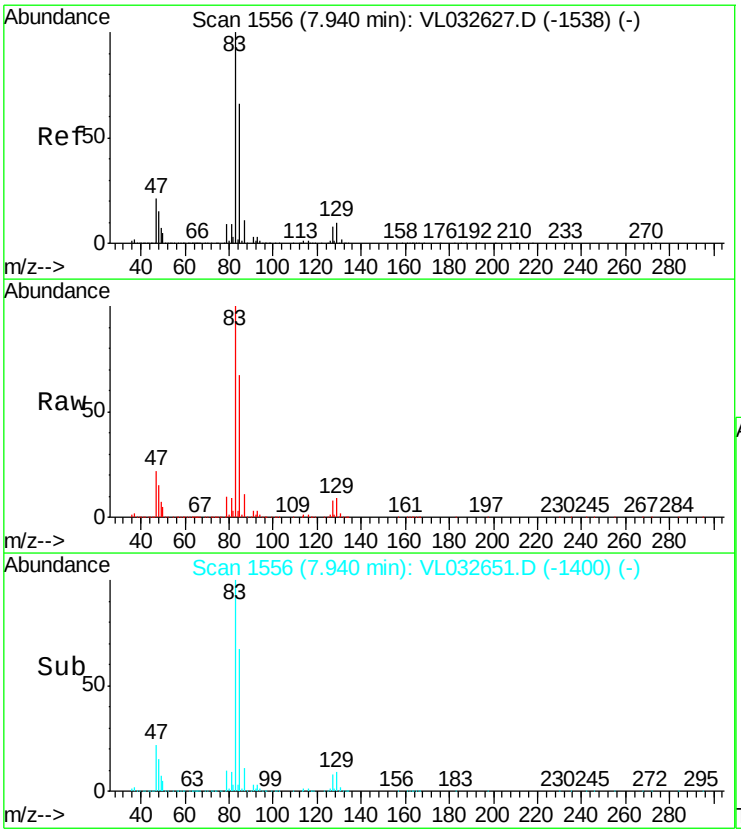

#42
Bromodichloromethane
Concen: 10.61 ppbv
RT: 7.94 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VL032651.D
Acq: 17 Oct 2018 21:58

Tgt Ion: 83 Resp: 2170766

Ion	Ratio	Lower	Upper
83	100		
85	66.7	52.4	78.6
127	8.0	6.1	9.1