Data Path : W:\HPCHEM1\MSVOA_L\Data\VL012218\

Quantitation Report (Not Reviewed)

Data File : VL031415.D
Acq On : 22 Jan 2018 13:14
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Jan 22 16:40:09 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL012218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 18 06:41:16 2018
QLast Update : Thu Jan 18 06:41:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.91	49	1490204	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.45	114	3458774	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.41	117	4101377	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.75	95	2684675	8.29	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 82.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.17	85	1629271	5.66	ppbv		99
3) Chlorodifluoromethane	3.11	51	1622600	7.38	ppbv		99
4) Chloromethane	3.27	50	723916	7.31	ppbv		100
5) Vinyl Chloride	3.40	62	743526	7.26	ppbv		98
6) Bromomethane	3.62	94	527757	7.71	ppbv		98
7) Chloroethane	3.71	64	304172	7.59	ppbv		99
8) Dichlorotetrafluoroethane	3.32	85	1898156	7.20	ppbv		100
9) Propene	3.13	41	599255	7.39	ppbv		100
10) Heptane	8.40	43	1909259	7.84	ppbv		98
11) Trichlorofluoromethane	4.13	101	2299395	7.50	ppbv		97
12) 1,1,2-Trichlorotrifluoroet	4.68	101	1456238	7.49	ppbv		100
13) Ethanol	3.76	45	151202	3.72	ppbv		98
14) Bromoethene	3.90	108	613673	7.66	ppbv		100
15) Acetone	4.02	43	1516369	6.13	ppbv		99
16) 1,3-Butadiene	3.47	39	740311	8.01	ppbv		94
17) tert-Butyl alcohol	4.48	59	834832	7.37	ppbv		100
18) 1,1-Dichloroethene	4.48	96	651801	7.64	ppbv		97
19) Isopropyl Alcohol	4.14	45	1022652	6.04	ppbv	#	99
20) Methylene Chloride	4.53	84	588897	6.60	ppbv		97
21) Allyl Chloride	4.60	41	1039094	7.76	ppbv		99
22) trans-1,2-Dichloroethene	5.10	96	681731	7.50	ppbv		98
23) Vinyl Acetate	5.29	43	2113676	7.54	ppbv		99
24) 1,1-Dichloroethane	5.23	63	1741078	7.35	ppbv		100
25) Ethyl Acetate	5.91	43	3276139	7.76	ppbv		100
26) Hexane	5.93	57	1460188	8.26	ppbv		100
27) Carbon Disulfide	4.75	76	1834729	7.78	ppbv		100
28) Methyl tert-Butyl Ether	5.25	73	1667474	7.75	ppbv		100
29) Chloroform	5.99	83	2597742	8.55	ppbv		98
30) Cyclohexane	7.40	84	1187381	8.40	ppbv		100
31) cis-1,2-Dichloroethene	5.78	61	1444745	8.40	ppbv		98
32) 1,1,1-Trichloroethane	6.77	97	2579583	8.11	ppbv		99
34) 2-Butanone	5.47	43	1957056	6.80	ppbv		100
35) Carbon Tetrachloride	7.29	117	2741677	8.30	ppbv		97
36) Benzene	7.16	78	2961598	8.27	ppbv		99
37) 1,2-Dichloroethane	6.56	62	2243457	8.50	ppbv		100
38) Trichloroethene	8.13	130	1106456	7.45	ppbv		99
39) 1,2-Dichloropropane	7.90	63	997074	7.53	ppbv		96
40) 1,4-Dioxane	8.11	88	400939	6.03	ppbv		79
41) Tetrahydrofuran	6.30	42	1270318	8.70	ppbv		99
42) Bromodichloromethane	8.08	83	2484745	7.65	ppbv		97
43) Methyl Methacrylate	8.29	69	1054404	7.90	ppbv		99

Data Path : W:\HPCHEM1\MSVOA_L\Data\VL012218\

Quantitation Report (Not Reviewed)

Data File : VL031415.D
Acq On : 22 Jan 2018 13:14
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Jan 22 16:40:09 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL012218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 18 06:41:16 2018
QLast Update : Thu Jan 18 06:41:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	8.15	57	4482534	7.47	ppbv		100
45) t-1,3-Dichloropropene	9.58	75	1612836	8.77	ppbv		98
46) cis-1,3-Dichloropropene	9.00	75	1901344	8.36	ppbv		99
47) 1,1,2-Trichloroethane	9.78	97	1172006	7.52	ppbv		99
48) Dibromochloromethane	10.62	129	2153616	7.81	ppbv		100
49) Bromoform	13.38	173	1660113	7.66	ppbv		99
50) 4-Methyl-2-Pentanone	9.03	43	2671938	7.04	ppbv		100
51) 2-Hexanone	10.44	43	2604013	6.75	ppbv	#	99
52) Tetrachloroethene	11.55	164	1046699	7.42	ppbv		97
53) Toluene	10.12	91	3354061	7.95	ppbv		99
54) 1,2-Dibromoethane	10.94	107	1889177	7.73	ppbv		97
56) 1,1,1,2-Tetrachloroethane	12.45	131	1461450	6.91	ppbv		99
57) Chlorobenzene	12.48	112	2652035	6.84	ppbv		98
58) Ethyl Benzene	13.03	91	4714002	7.04	ppbv		99
59) m/p-Xylene	13.32	91	3855164	6.96	ppbv	#	32
60) o-Xylene	14.02	91	3934572	6.96	ppbv		100
61) Styrene	13.86	104	979825	7.90	ppbv		99
62) Isopropylbenzene	15.00	105	4893327	6.88	ppbv		100
63) 1,1,2,2-Tetrachloroethane	14.01	83	2551578	5.98	ppbv		100
64) n-propylbenzene	15.90	120	1233565	6.91	ppbv		100
65) tert-Butylbenzene	17.08	119	4283260	6.78	ppbv		100
66) Benzyl Chloride	17.33	91	459333	7.74	ppbv		100
67) sec-Butylbenzene	17.63	105	5949081	6.63	ppbv		100
69) p-Isopropyltoluene	17.99	119	4849669	6.79	ppbv		100
70) n-Butylbenzene	18.88	91	4968987	6.67	ppbv		100
71) 2-Chlorotoluene	15.79	91	3712086	6.80	ppbv		99
72) 4-Ethyltoluene	16.17	105	4056857	7.02	ppbv		100
73) 1,3,5-Trimethylbenzene	16.33	105	3618929	7.05	ppbv		99
74) 1,2,4-Trimethylbenzene	17.10	105	3868934	6.92	ppbv	#	89
75) 1,3-Dichlorobenzene	17.34	146	2353687	6.54	ppbv		100
76) 1,4-Dichlorobenzene	17.48	146	2369816	6.63	ppbv		100
77) 1,2-Dichlorobenzene	18.16	146	2272416	6.38	ppbv		100
78) Hexachloro-1,3-Butadiene	23.70	225	648786	5.67	ppbv		99
79) Naphthalene	22.61	128	2635747	9.68	ppbv		99
80) Naphthalene,2-methyl-	25.24	142	949090	14.07	ppbv		99
81) 1,2,4-Trichlorobenzene	22.34	180	1315165	8.29	ppbv		100

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

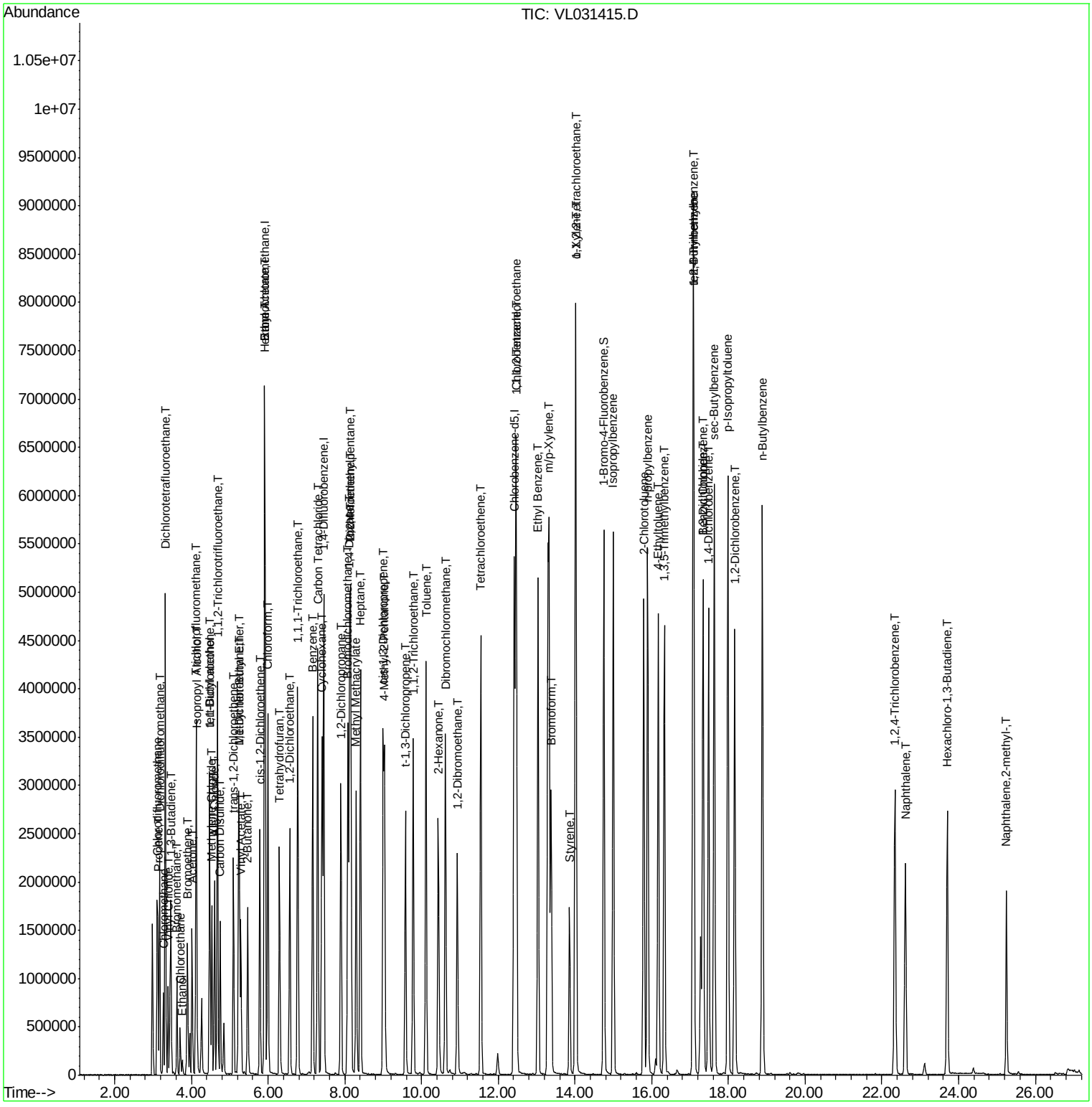
Data Path : W:\HPCHEM1\MSVOA_L\Data\VL012218\

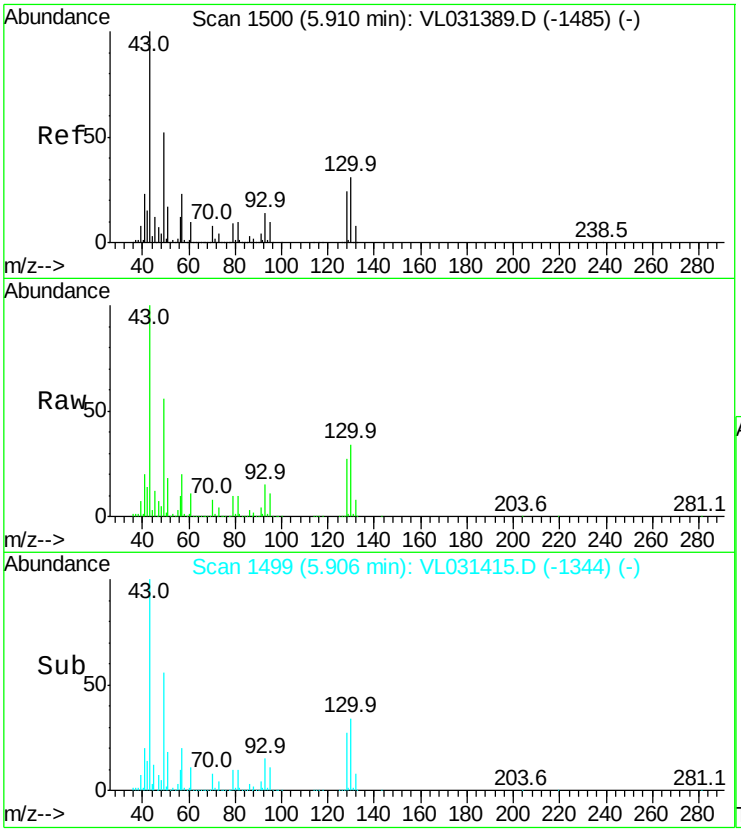
Quantitation Report (Not Reviewed)

Data File : VL031415.D
Acq On : 22 Jan 2018 13:14
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Jan 22 16:40:09 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL012218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 18 06:41:16 2018
QLast Update : Thu Jan 18 06:41:16 2018
Response via : Initial Calibration



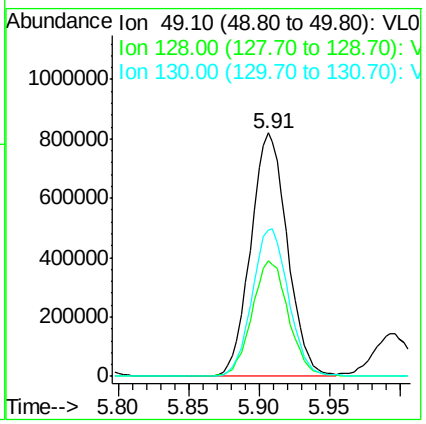


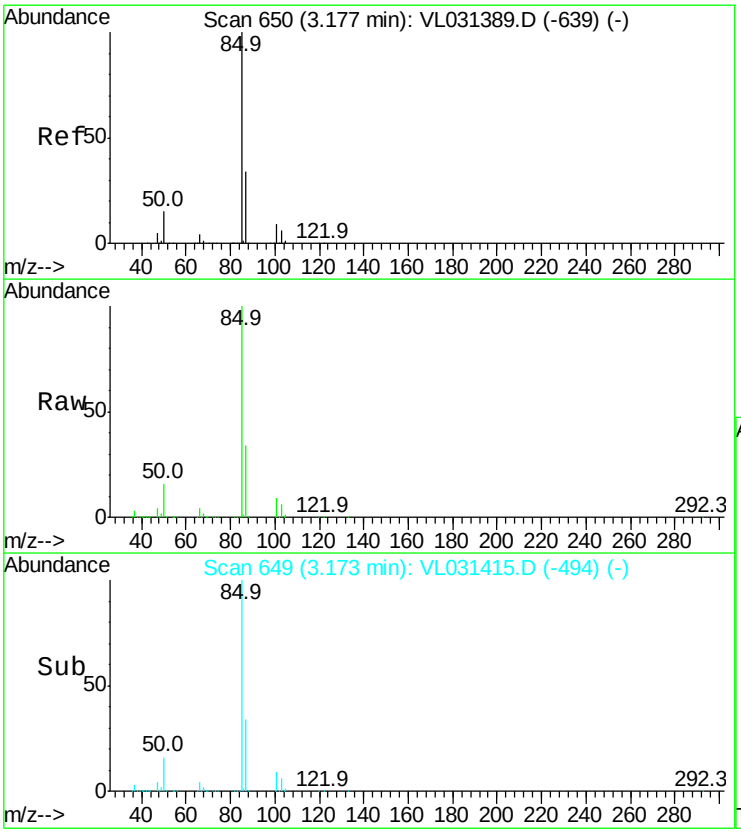
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.91 min Scan# 1499
Delta R.T. -0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 49 Resp: 1490204

Ion	Ratio	Lower	Upper
49	100		
128	47.3	23.5	70.6
130	60.4	29.9	89.7

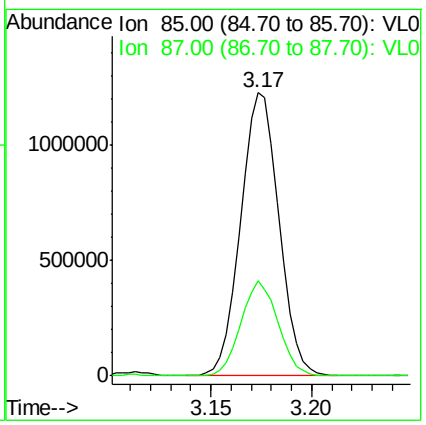


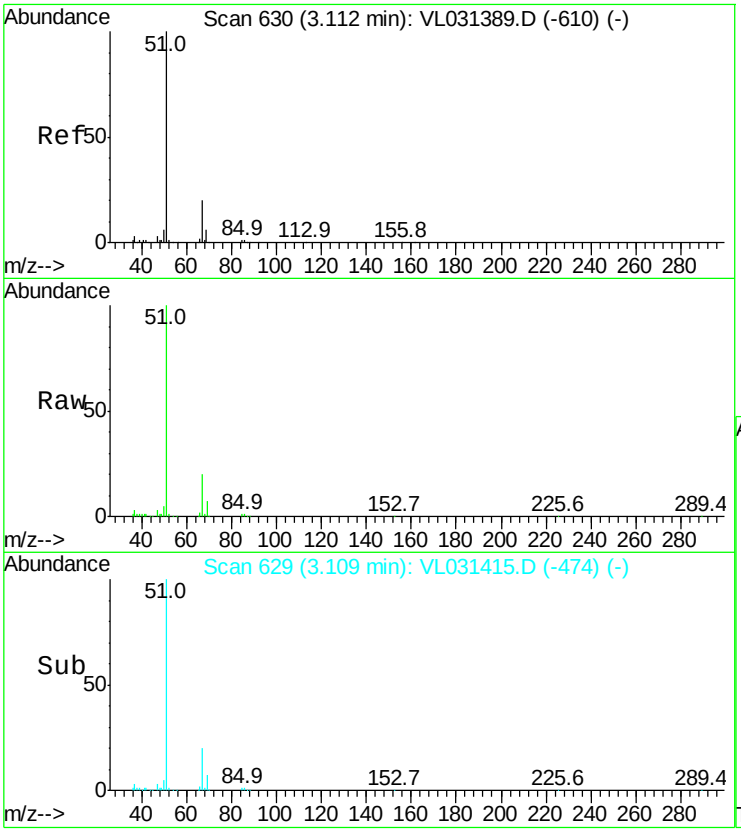


#2
Dichlorodifluoromethane
Concen: 5.66 ppbv
RT: 3.17 min Scan# 649
Delta R.T. -0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Tgt Ion: 85 Resp: 1629271

Ion	Ratio	Lower	Upper
85	100		
87	33.7	27.4	41.0



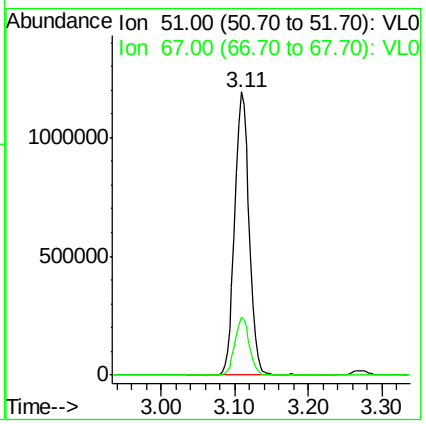


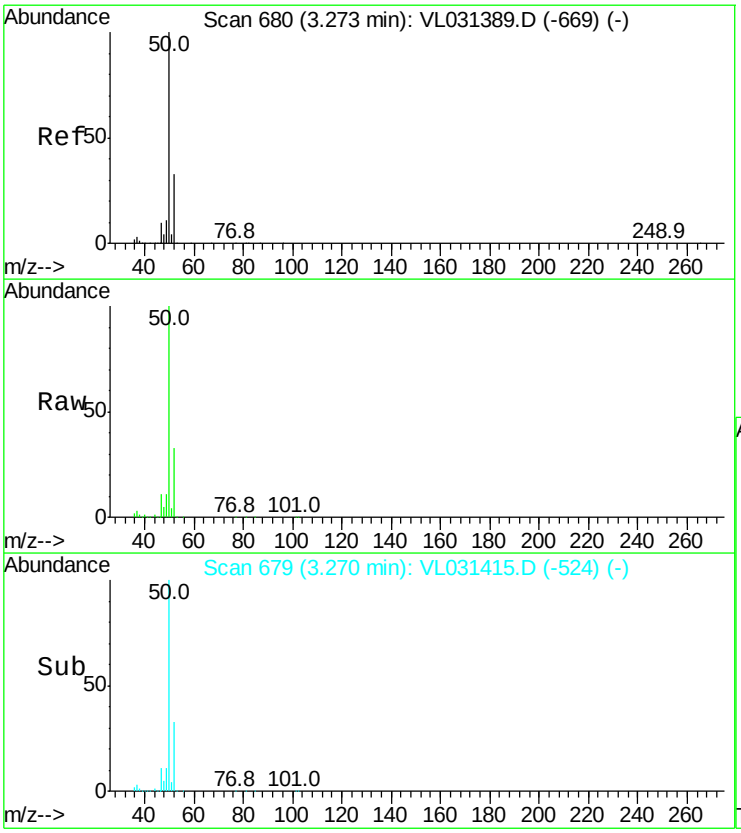
#3
Chlorodifluoromethane
Concen: 7.38 ppbv
RT: 3.11 min Scan# 629
Delta R.T. -0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 51 Resp: 1622600

Ion	Ratio	Lower	Upper
51	100		
67	20.3	16.0	24.0

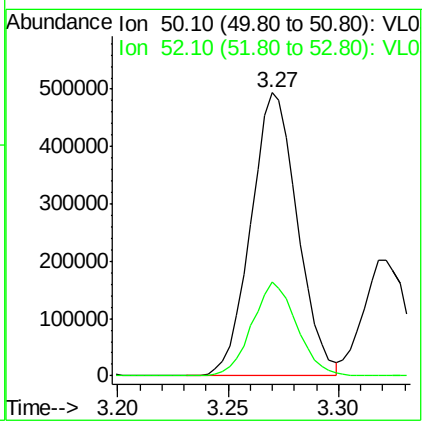


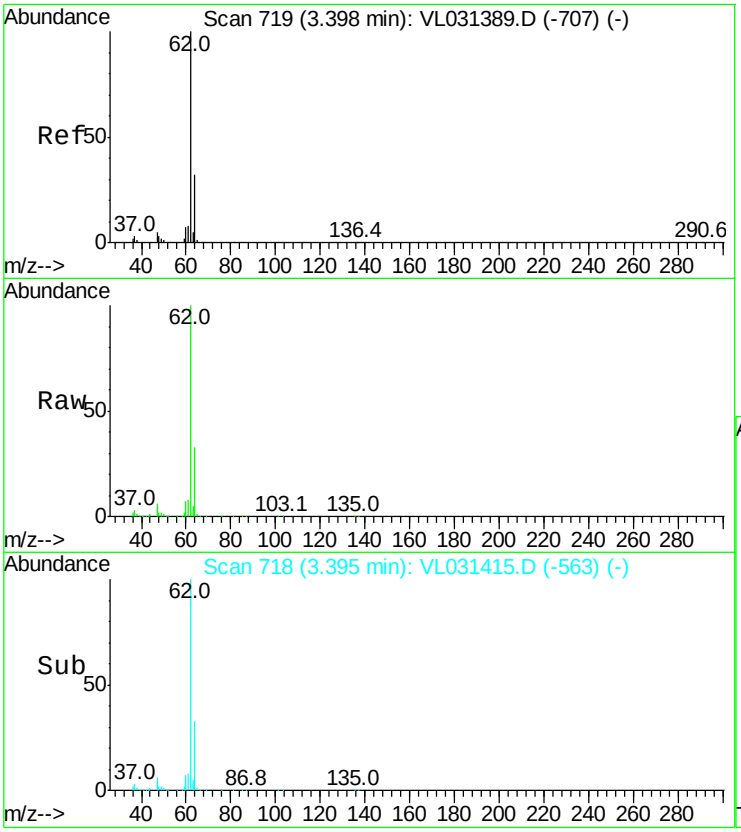


#4
Chloromethane
Concen: 7.31 ppbv
RT: 3.27 min Scan# 679
Delta R.T. -0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Tgt Ion: 50 Resp: 723916

Ion	Ratio	Lower	Upper
50	100		
52	33.1	26.4	39.6



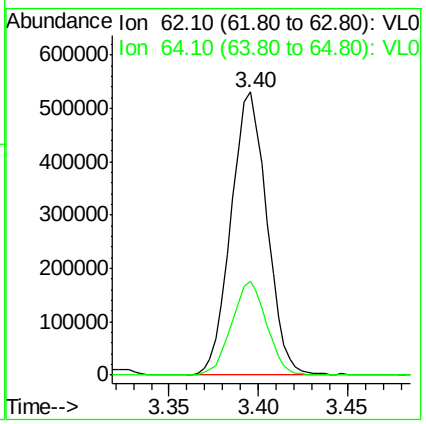


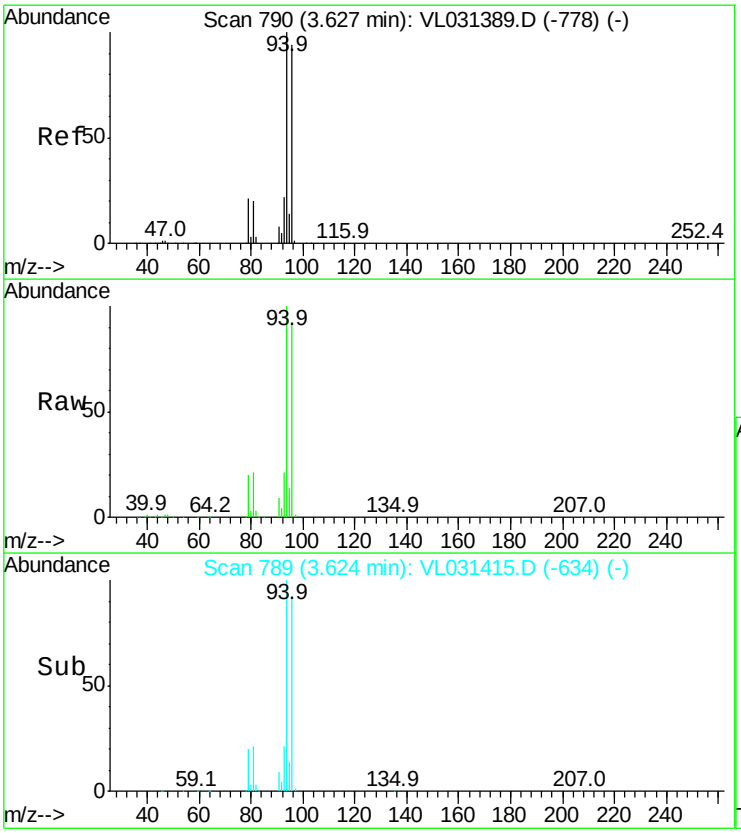
#5
Vinyl Chloride
Concen: 7.26 ppbv
RT: 3.40 min Scan# 718
Delta R.T. -0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 62 Resp: 743526

Ion	Ratio	Lower	Upper
62	100		
64	33.0	25.4	38.0

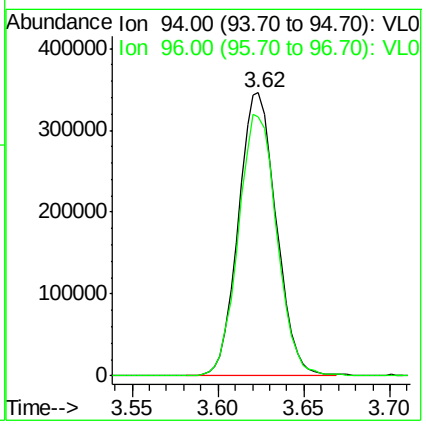


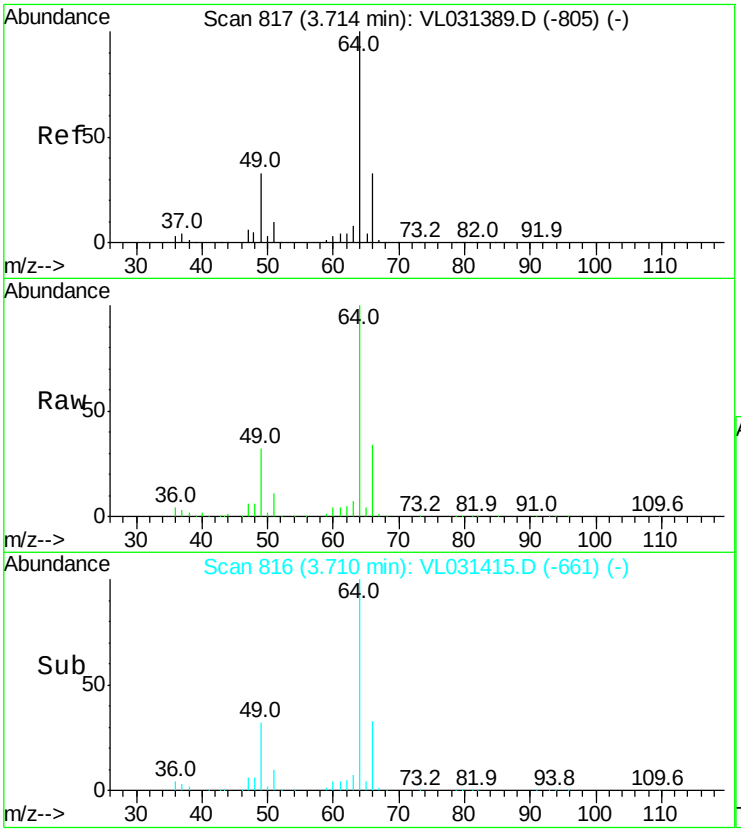


#6
Bromomethane
Concen: 7.71 ppbv
RT: 3.62 min Scan# 789
Delta R.T. -0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Tgt Ion: 94 Resp: 527757

Ion	Ratio	Lower	Upper
94	100		
96	91.6	75.1	112.7



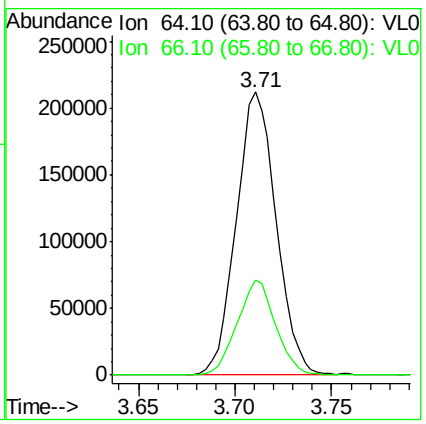


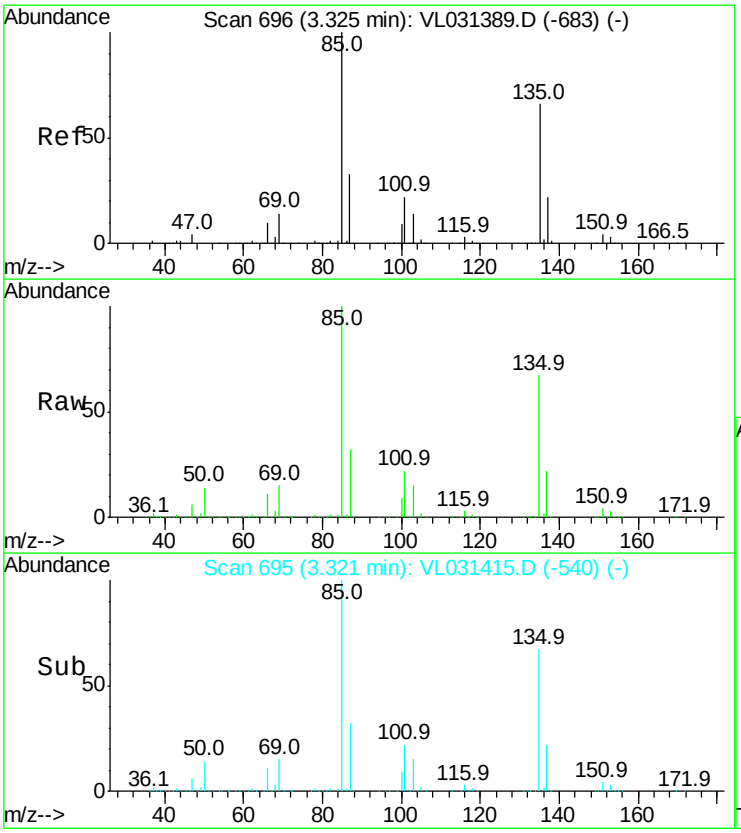
#7
Chloroethane
Concen: 7.59 ppbv
RT: 3.71 min Scan# 816
Delta R.T. -0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 64 Resp: 304172

Ion	Ratio	Lower	Upper
64	100		
66	33.5	26.3	39.5

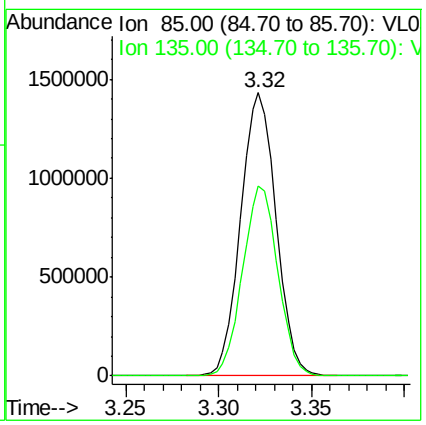


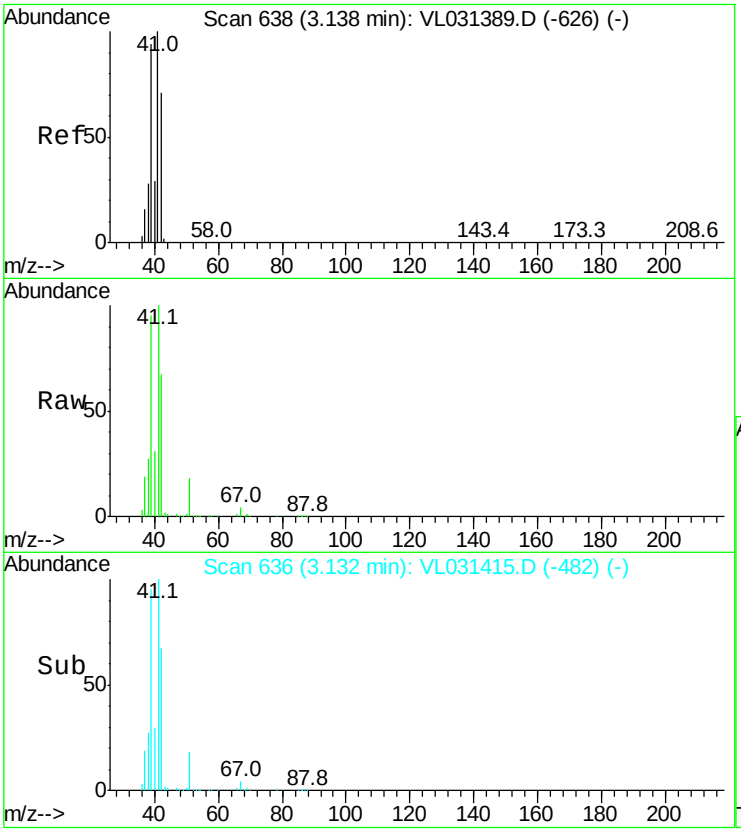


#8
Dichlorotetrafluoroethane
Concen: 7.20 ppbv
RT: 3.32 min Scan# 695
Delta R.T. -0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Tgt Ion: 85 Resp: 1898156

Ion	Ratio	Lower	Upper
85	100		
135	67.0	53.3	79.9



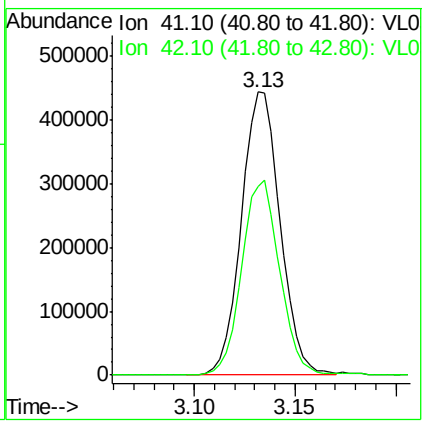


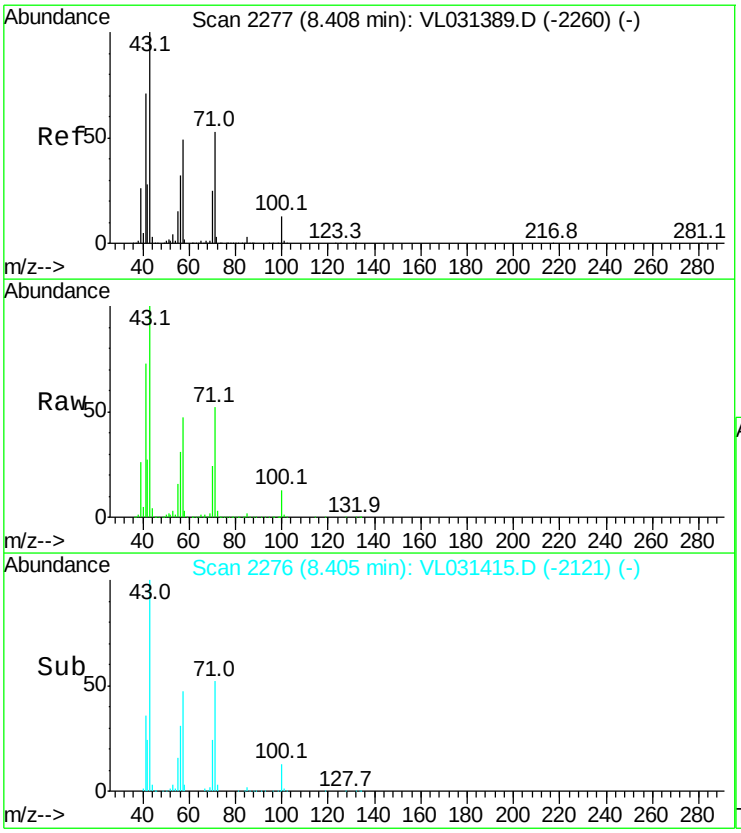
#9
Propene
Concen: 7.39 ppbv
RT: 3.13 min Scan# 636
Delta R.T. -0.01 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 41 Resp: 599255

Ion	Ratio	Lower	Upper
41	100		
42	68.1	54.6	82.0

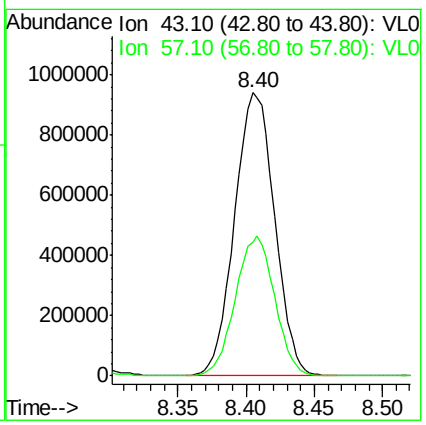


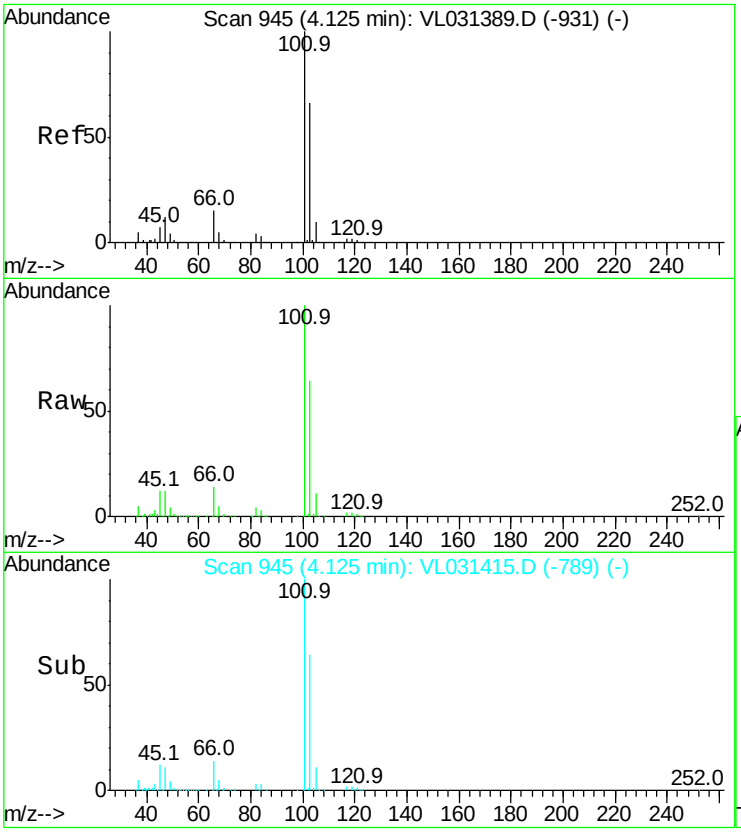


#10
Heptane
Concen: 7.84 ppbv
RT: 8.40 min Scan# 2276
Delta R.T. -0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Tgt Ion: 43 Resp: 1909259

Ion	Ratio	Lower	Upper
43	100		
57	48.5	39.7	59.5



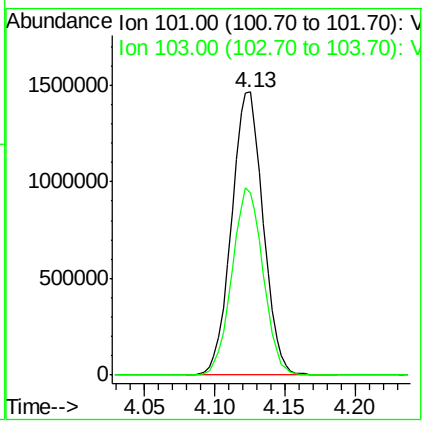


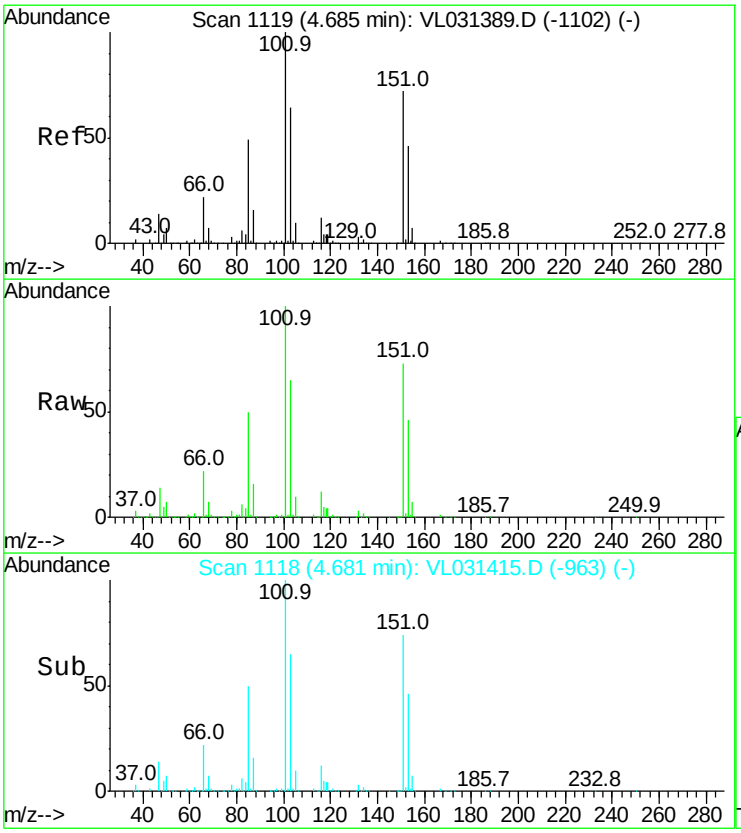
#11
Trichlorofluoromethane
Concen: 7.50 ppbv
RT: 4.13 min Scan# 945
Delta R.T. 0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:101 Resp: 2299395

Ion	Ratio	Lower	Upper
101	100		
103	64.2	53.1	79.7

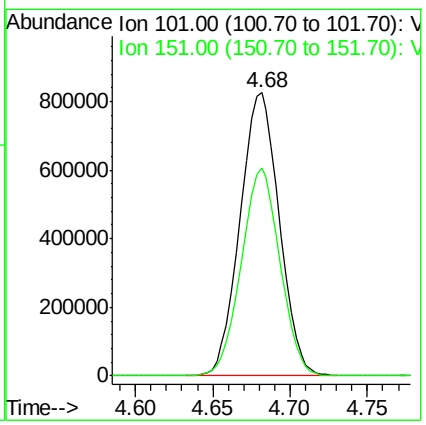


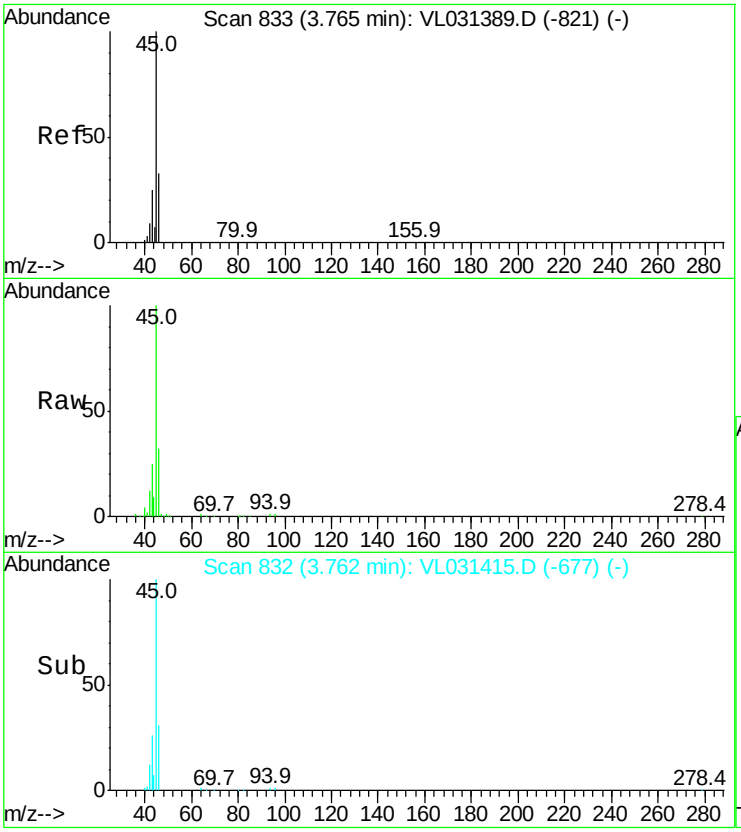


#12
1,1,2-Trichlorotrifluoroethane
Concen: 7.49 ppbv
RT: 4.68 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Tgt Ion:101 Resp: 1456238

Ion	Ratio	Lower	Upper
101	100		
151	72.6	58.1	87.1



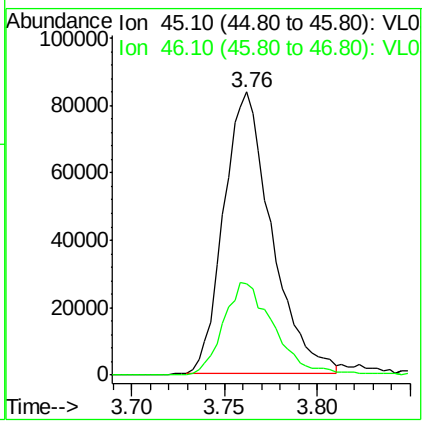


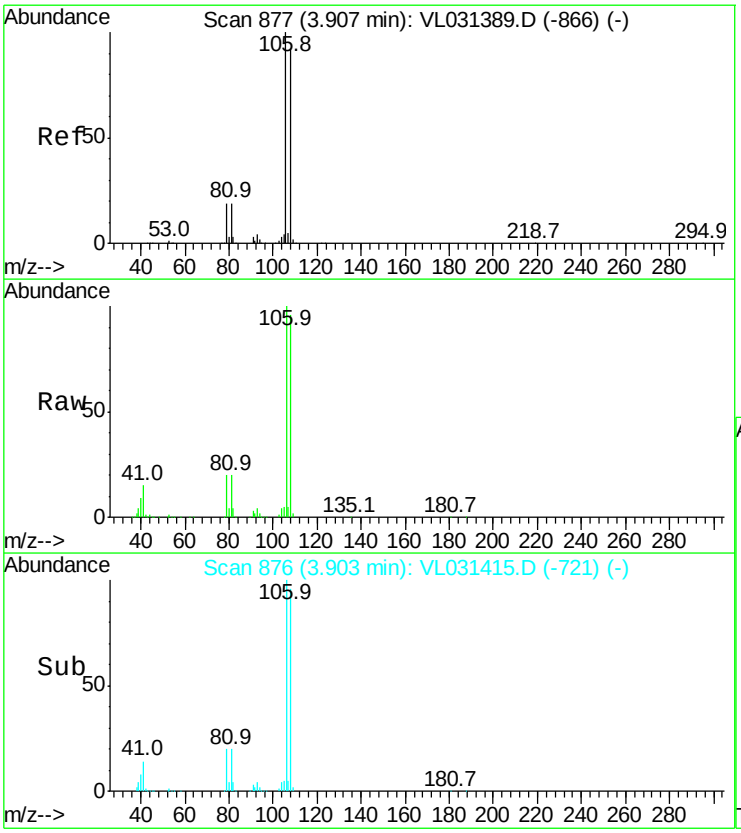
#13
Ethanol
Concen: 3.72 ppbv
RT: 3.76 min Scan# 832
Delta R.T. -0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 151202

Ion	Ratio	Lower	Upper
45	100		
46	35.9	14.9	59.5

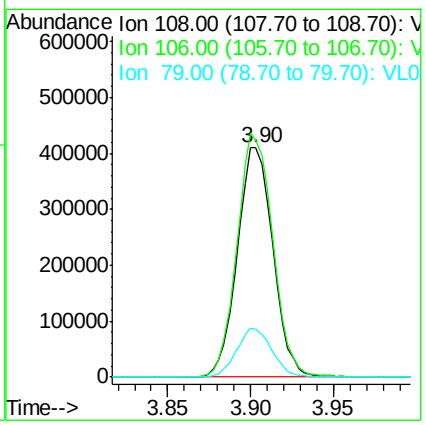


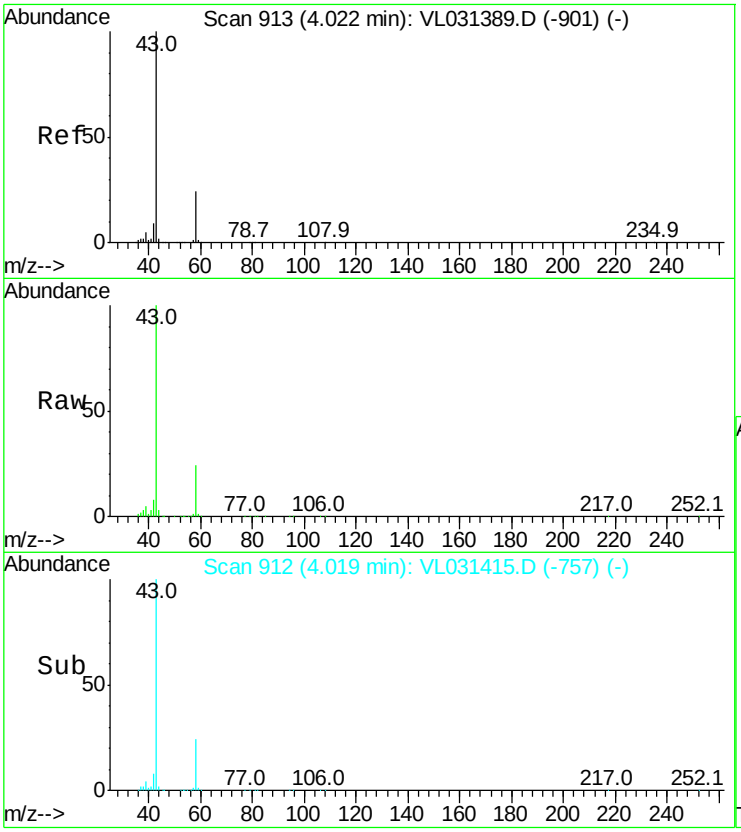


#14
Bromoethene
Concen: 7.66 ppbv
RT: 3.90 min Scan# 876
Delta R.T. -0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Tgt Ion:108 Resp: 613673

Ion	Ratio	Lower	Upper
108	100		
106	106.9	85.3	127.9
79	21.3	16.8	25.2



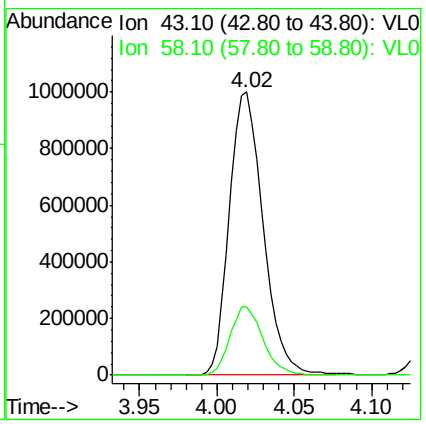


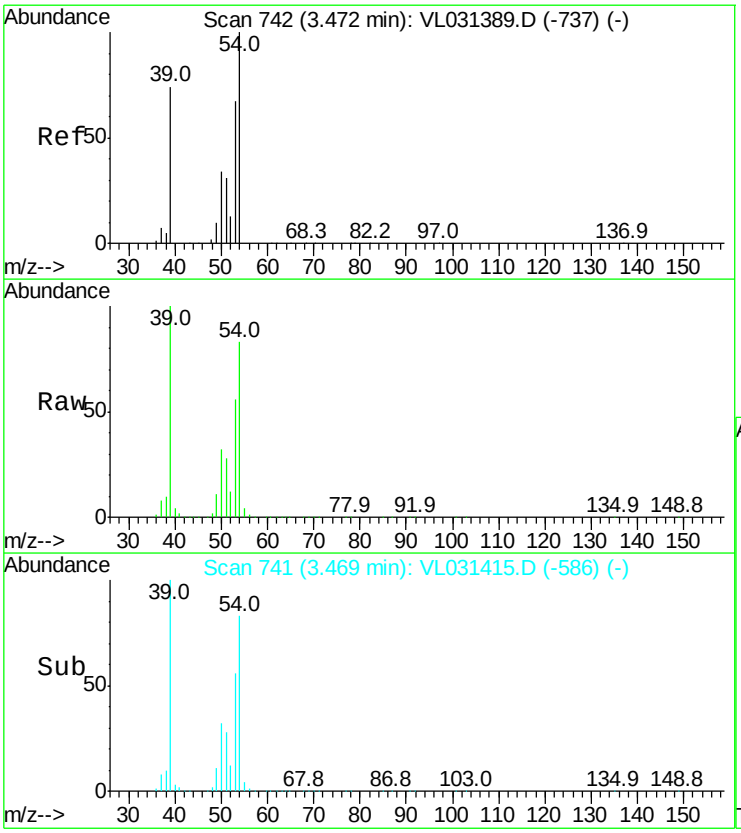
#15
Acetone
Concen: 6.13 ppbv
RT: 4.02 min Scan# 912
Delta R.T. -0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 43 Resp: 1516369

Ion	Ratio	Lower	Upper
43	100		
58	23.8	19.4	29.2

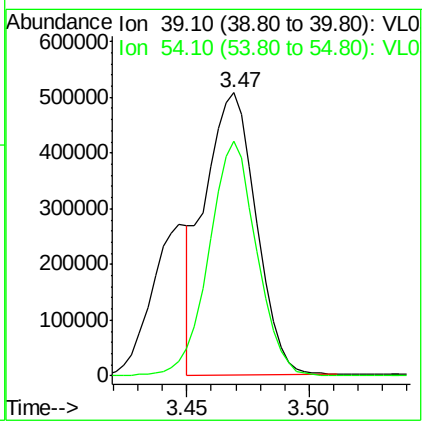


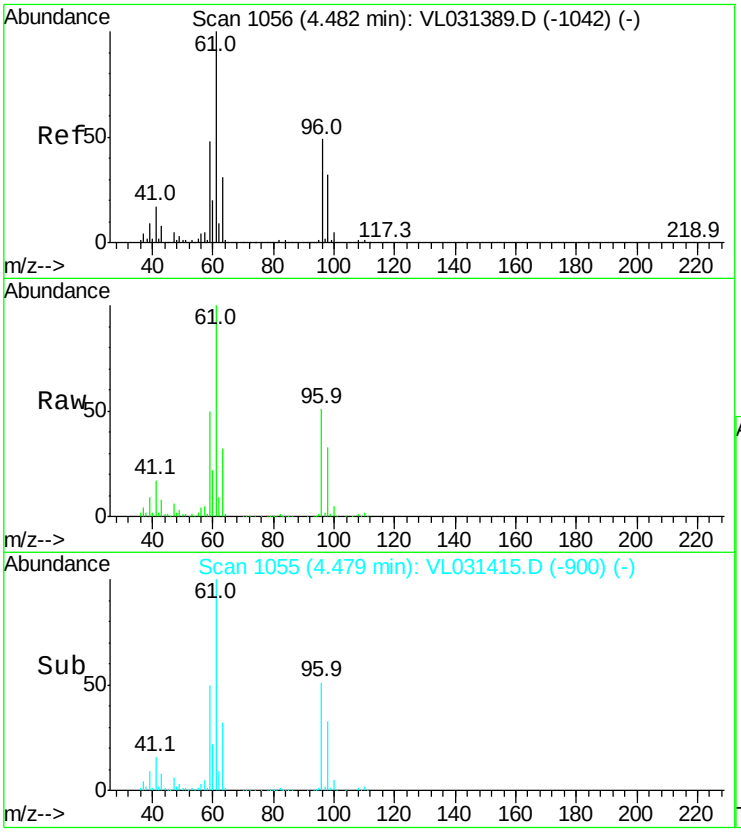


#16
1,3-Butadiene
Concen: 8.01 ppbv
RT: 3.47 min Scan# 741
Delta R.T. -0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Tgt Ion: 39 Resp: 740311

Ion	Ratio	Lower	Upper
39	100		
54	77.9	67.0	100.6



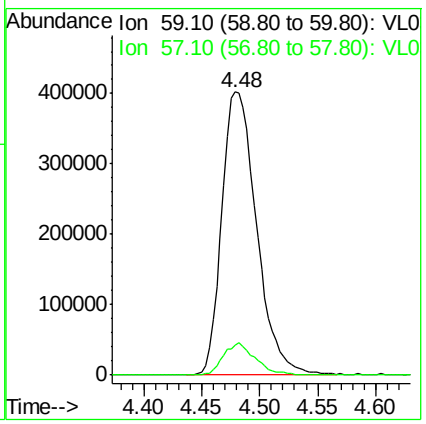


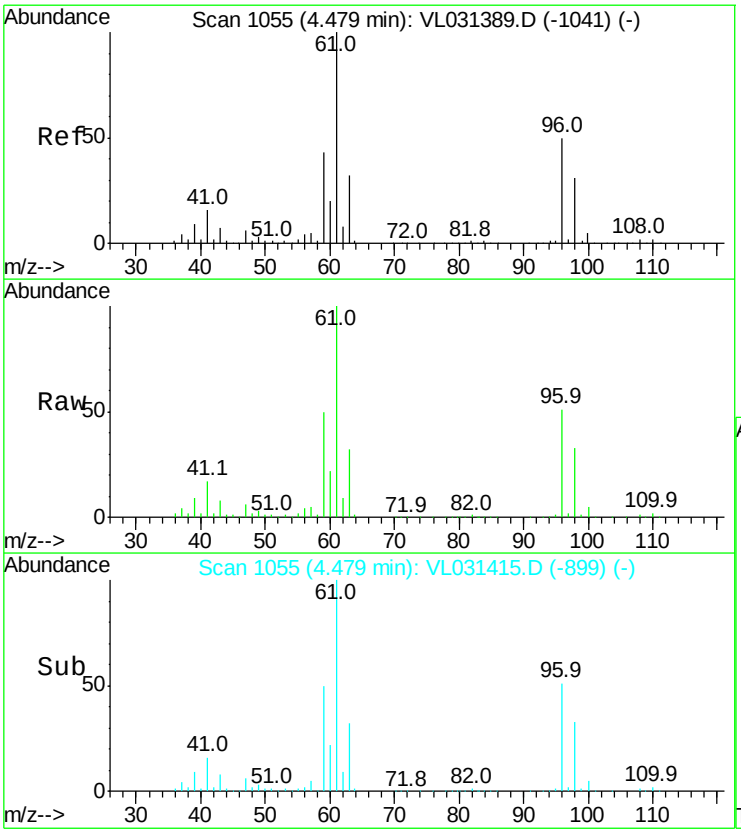
#17
tert-Butyl alcohol
Concen: 7.37 ppbv
RT: 4.48 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 59 Resp: 834832

Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.6	13.0

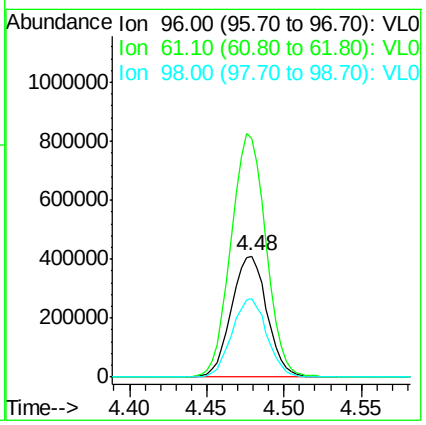


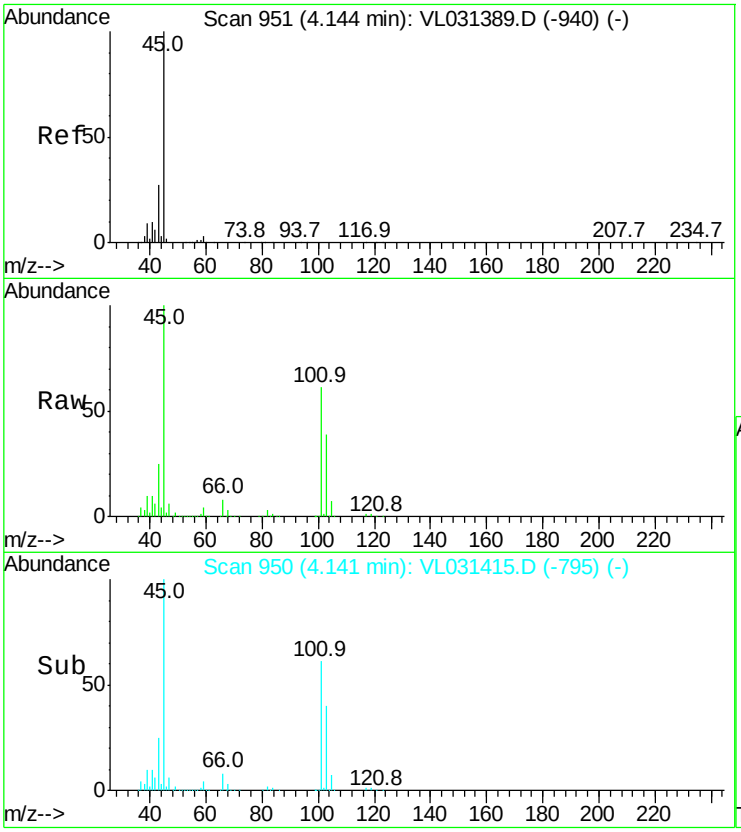


#18
1,1-Dichloroethene
Concen: 7.64 ppbv
RT: 4.48 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Tgt Ion: 96 Resp: 651801

Ion	Ratio	Lower	Upper
96	100		
61	197.6	161.6	242.4
98	64.9	49.6	74.4



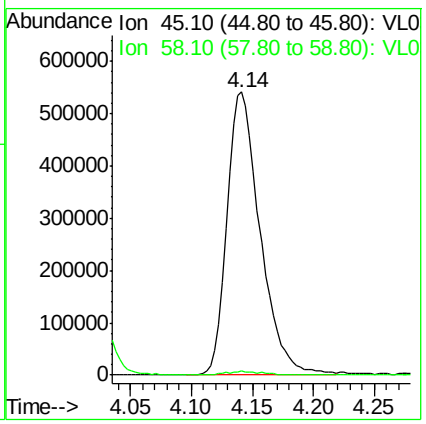


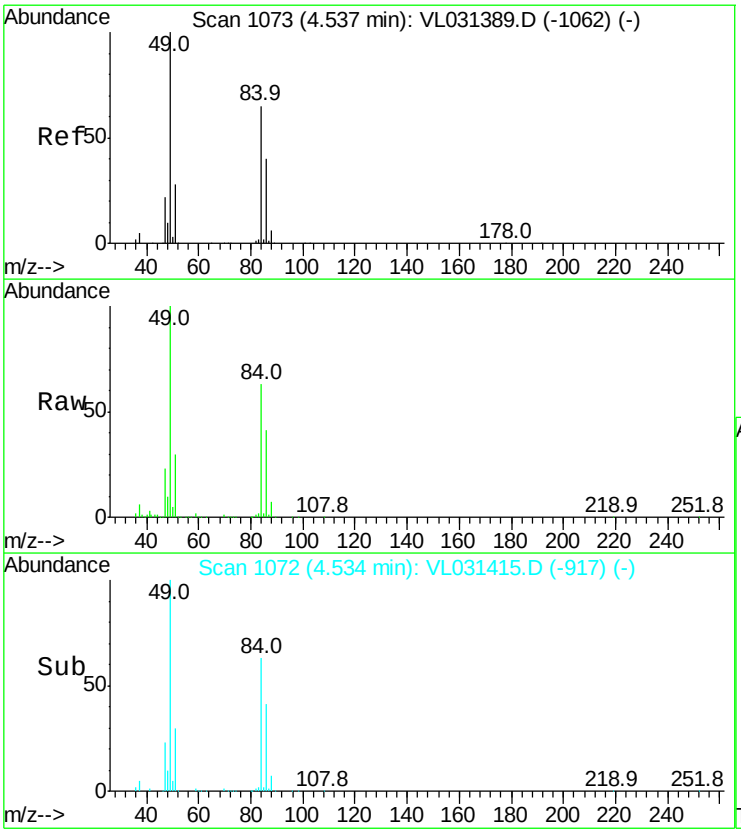
#19
Isopropyl Alcohol
Concen: 6.04 ppbv
RT: 4.14 min Scan# 950
Delta R.T. -0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 45 Resp: 1022652

Ion	Ratio	Lower	Upper
45	100		
58	1.6	1.0	1.4#

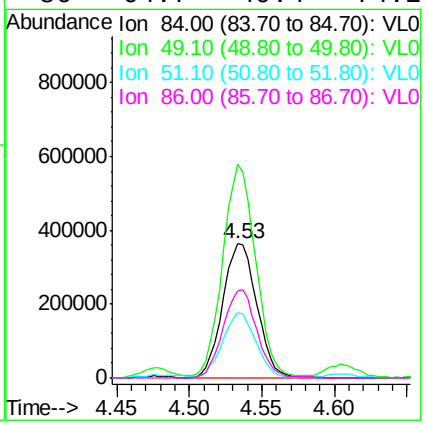


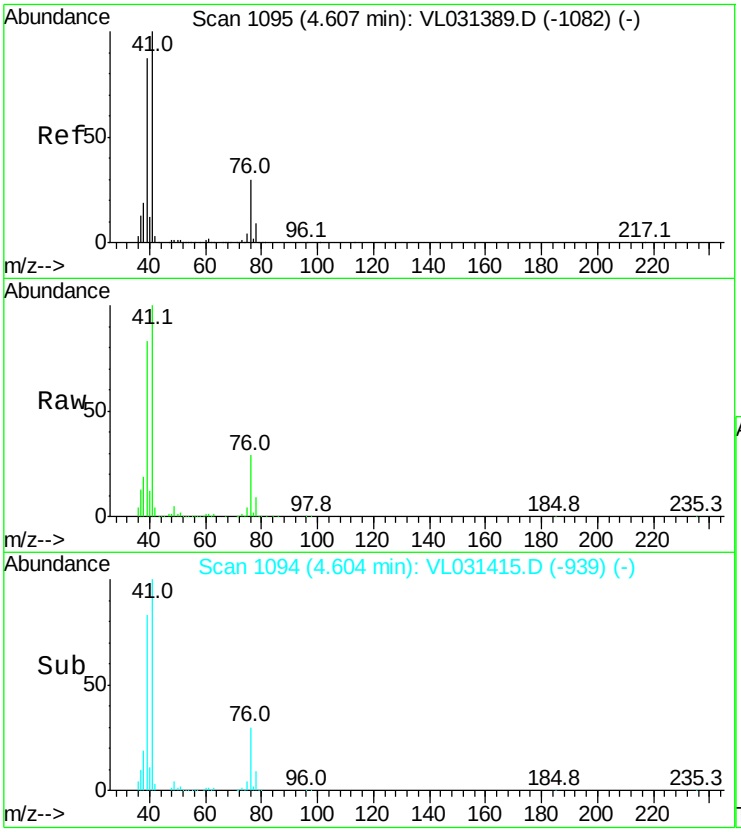


#20
Methylene Chloride
Concen: 6.60 ppbv
RT: 4.53 min Scan# 1072
Delta R.T. -0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Tgt Ion: 84 Resp: 588897

Ion	Ratio	Lower	Upper
84	100		
49	158.2	123.4	185.0
51	47.4	35.6	53.4
86	64.7	49.4	74.2



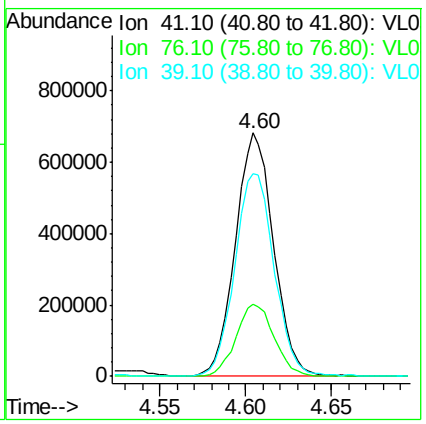


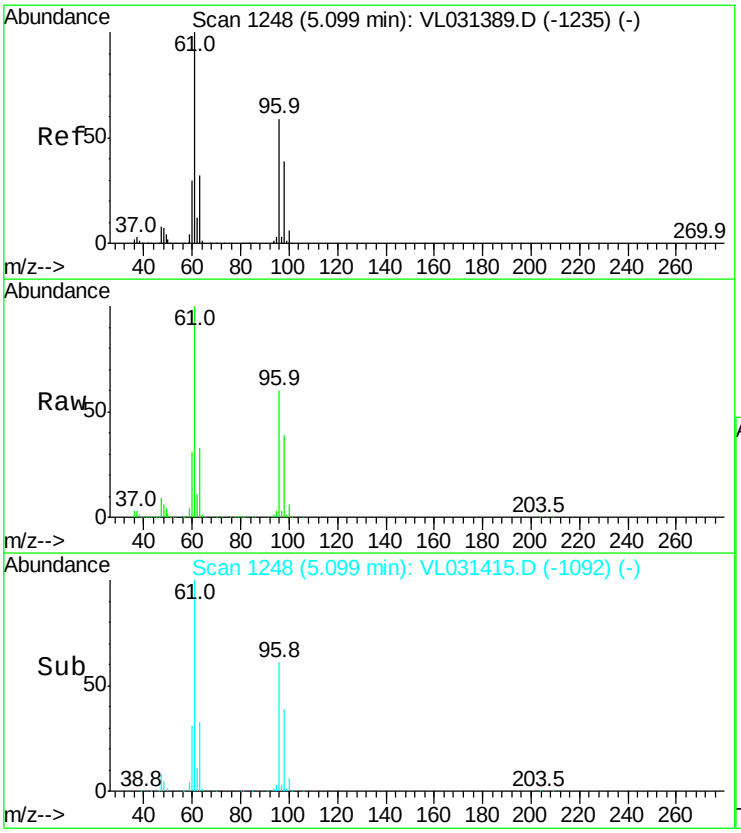
#21
Allyl Chloride
Concen: 7.76 ppbv
RT: 4.60 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 41 Resp: 1039094

Ion	Ratio	Lower	Upper
41	100		
76	30.1	24.2	36.2
39	86.6	69.8	104.8

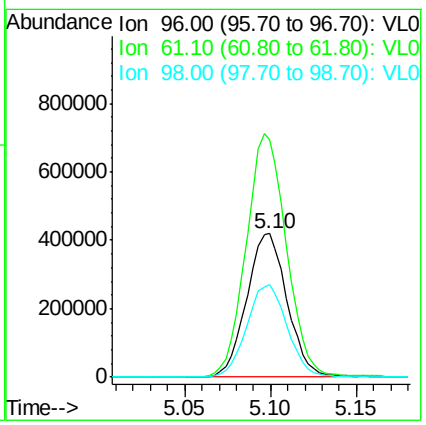


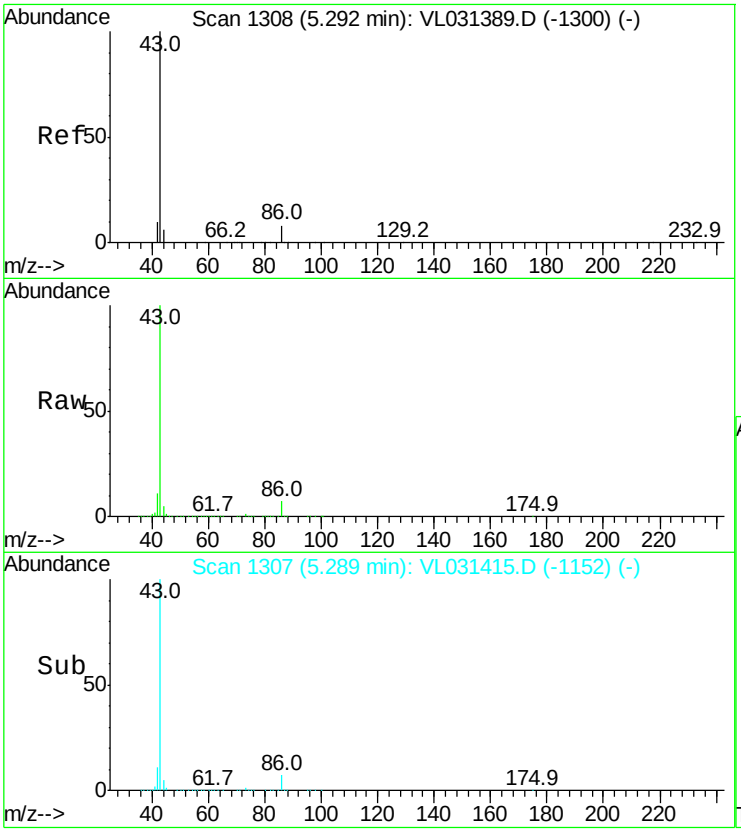


#22
trans-1,2-Dichloroethene
Concen: 7.50 ppbv
RT: 5.10 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Tgt Ion: 96 Resp: 681731

Ion	Ratio	Lower	Upper
96	100		
61	165.4	135.0	202.4
98	64.5	52.2	78.2



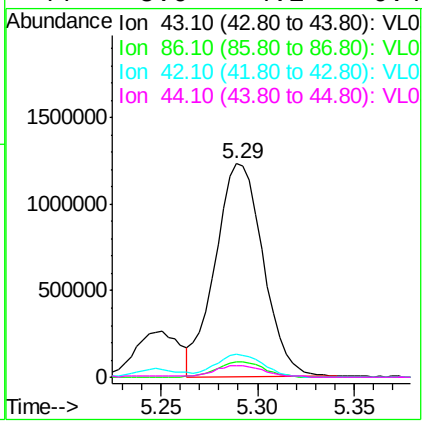


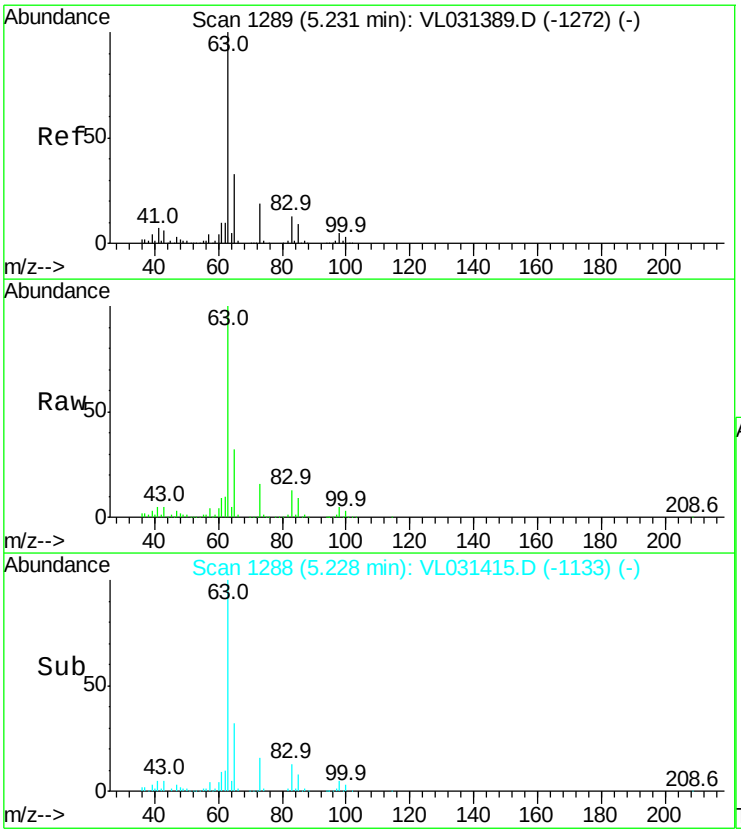
#23
Vinyl Acetate
Concen: 7.54 ppbv
RT: 5.29 min Scan# 1307
Delta R.T. -0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 43 Resp: 2113676

Ion	Ratio	Lower	Upper
43	100		
86	7.0	5.6	8.4
42	11.0	8.6	12.8
44	5.0	4.2	6.4

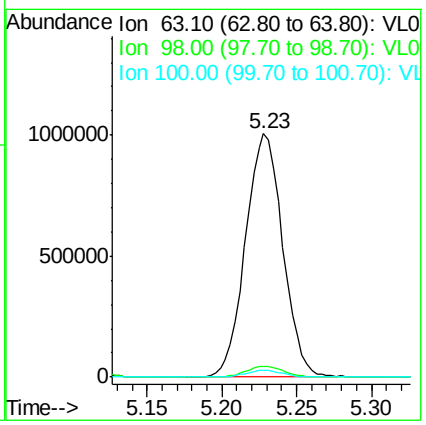


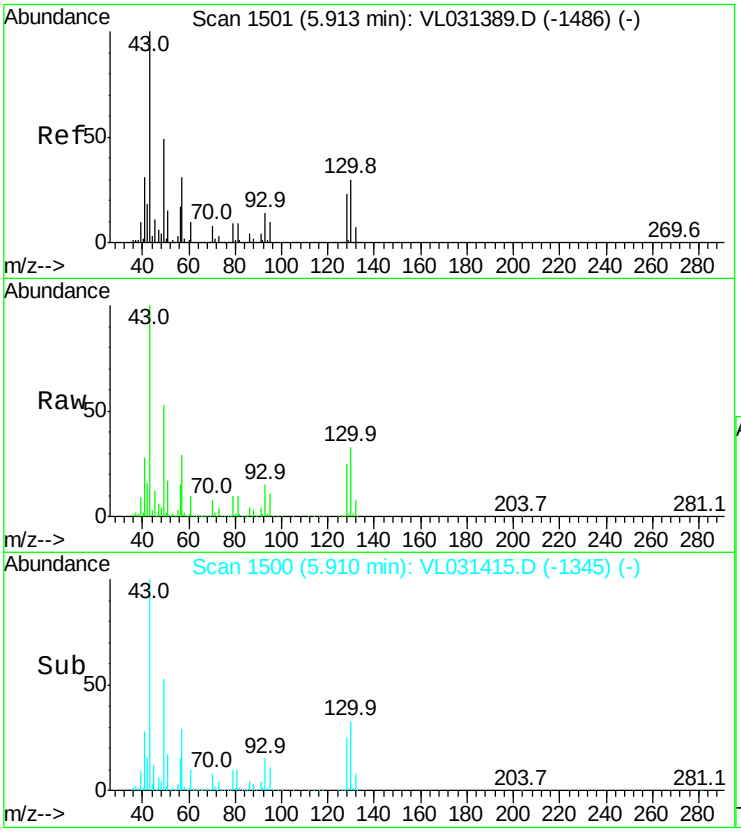


#24
1,1-Dichloroethane
Concen: 7.35 ppbv
RT: 5.23 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Tgt Ion: 63 Resp: 1741078

Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.4	7.1
100	2.6	1.3	3.9



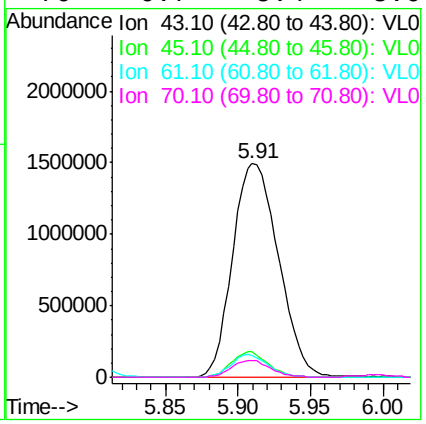


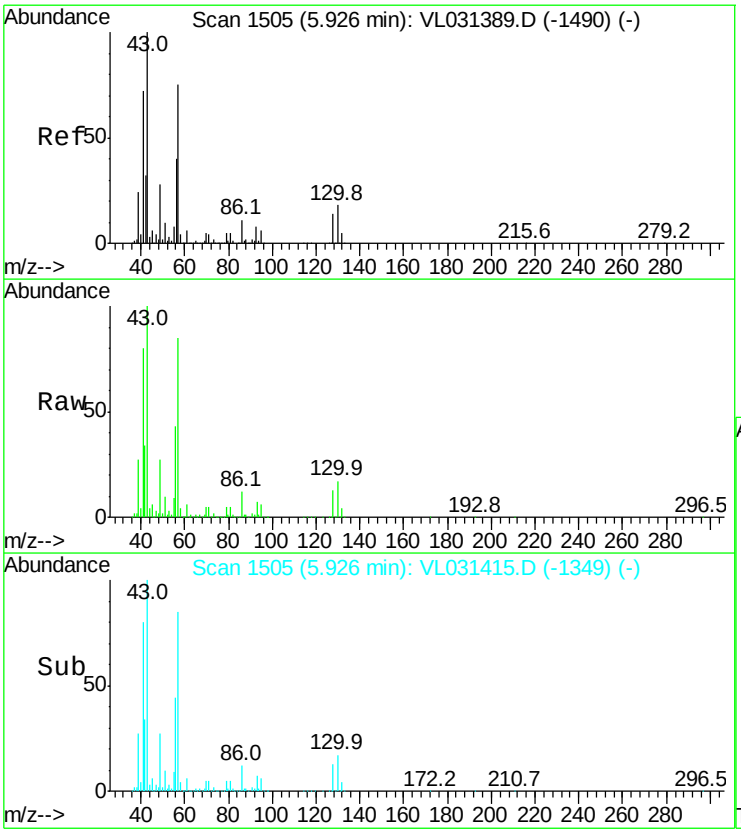
#25
Ethyl Acetate
Concen: 7.76 ppbv
RT: 5.91 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 43 Resp: 3276139

Ion	Ratio	Lower	Upper
43	100		
45	9.8	7.8	11.6
61	8.8	7.0	10.6
70	6.7	5.4	8.0

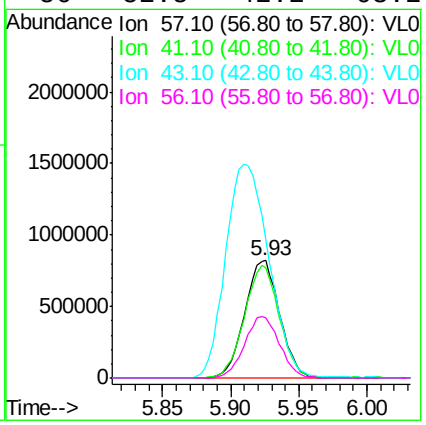


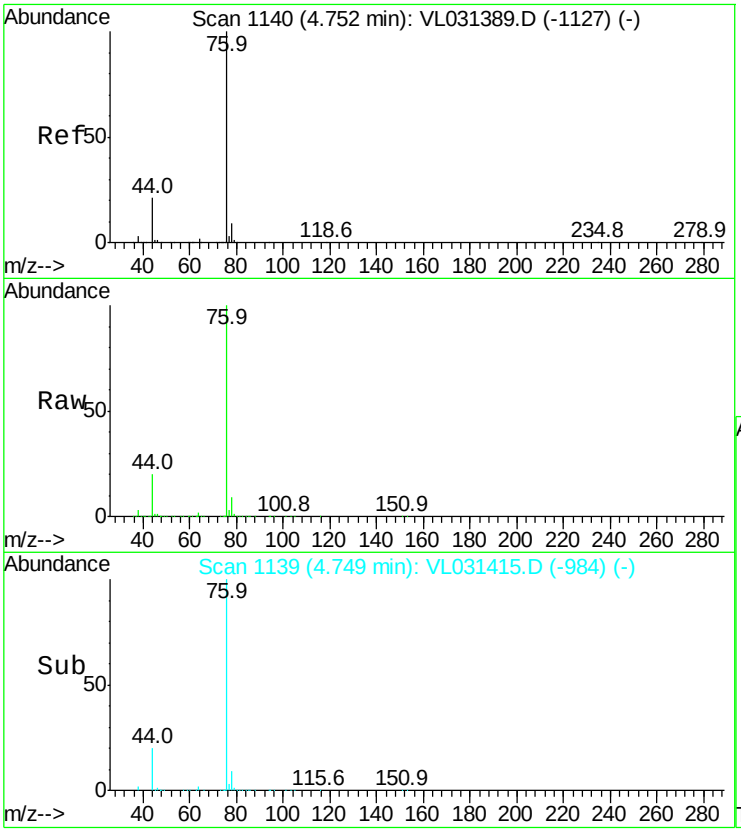


#26
Hexane
Concen: 8.26 ppbv
RT: 5.93 min Scan# 1505
Delta R.T. 0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Tgt Ion: 57 Resp: 1460188

Ion	Ratio	Lower	Upper
57	100		
41	95.8	77.1	115.7
43	226.0	180.7	271.1
56	52.5	42.2	63.2



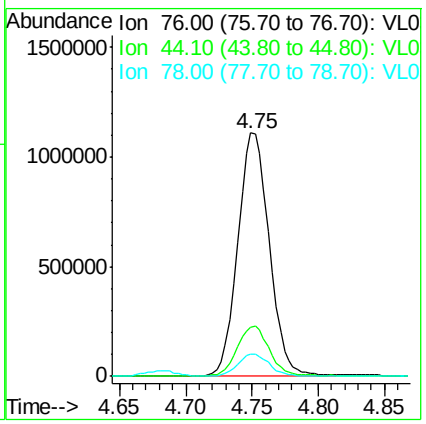


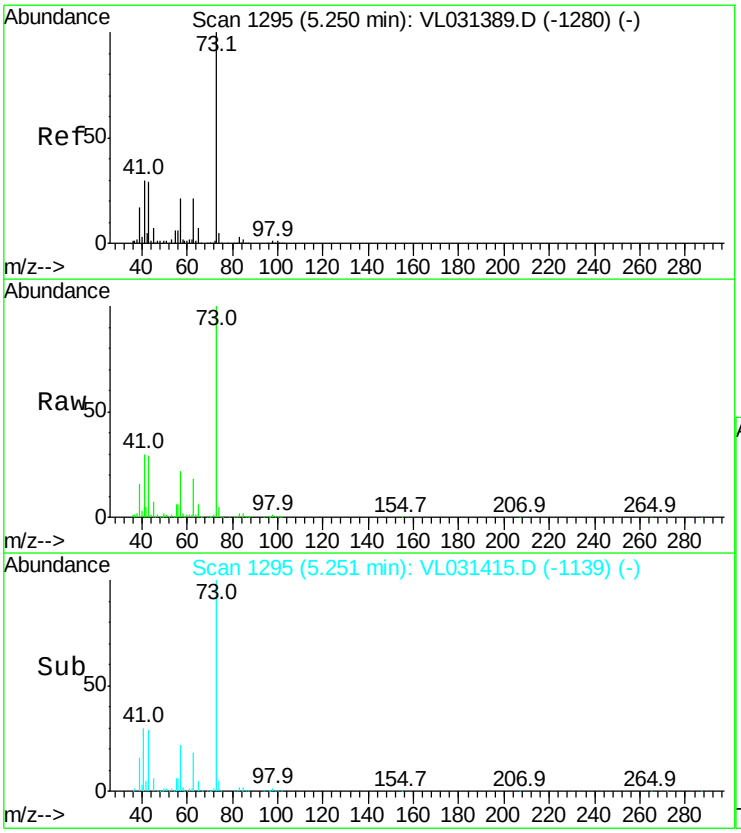
#27
Carbon Disulfide
Concen: 7.78 ppbv
RT: 4.75 min Scan# 1139
Delta R.T. -0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 76 Resp: 1834729

Ion	Ratio	Lower	Upper
76	100		
44	20.7	16.7	25.1
78	9.2	7.5	11.3

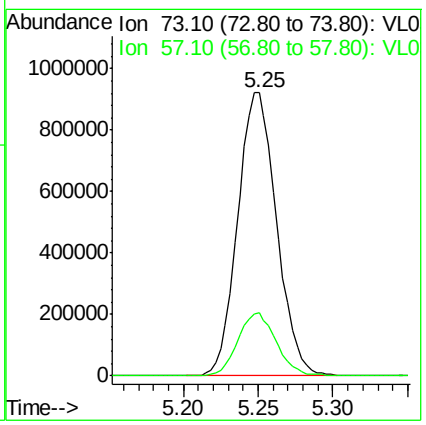


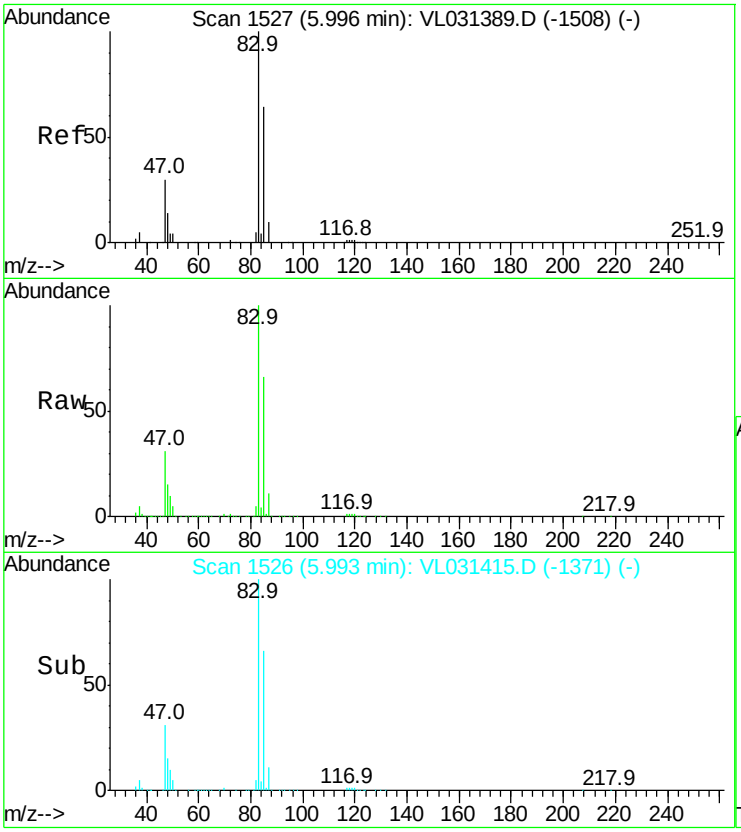


#28
Methyl tert-Butyl Ether
Concen: 7.75 ppbv
RT: 5.25 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Tgt Ion: 73 Resp: 1667474

Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.5	26.3



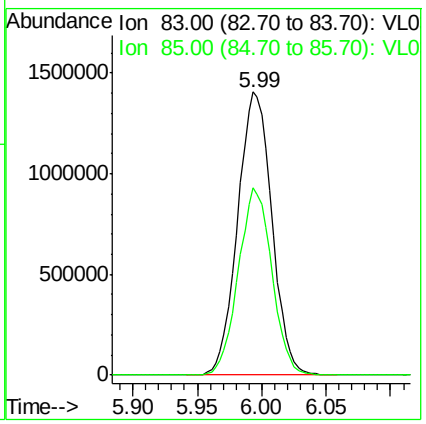


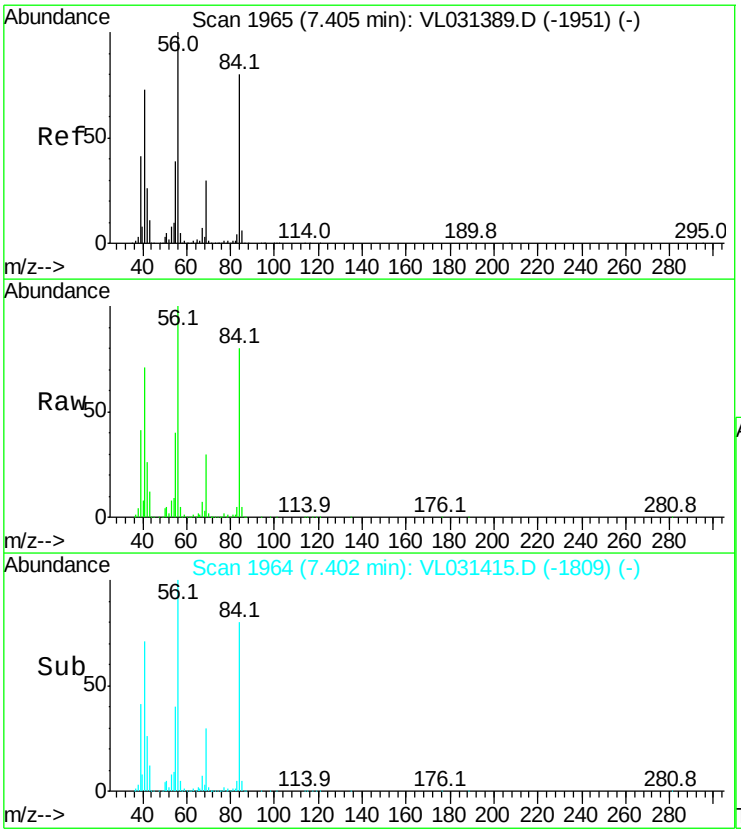
#29
Chloroform
Concen: 8.55 ppbv
RT: 5.99 min Scan# 1526
Delta R.T. -0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 83 Resp: 2597742

Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.3	76.9

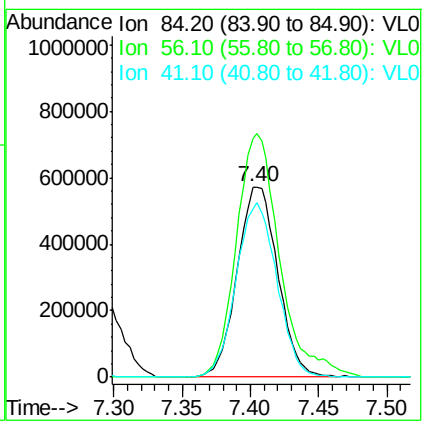


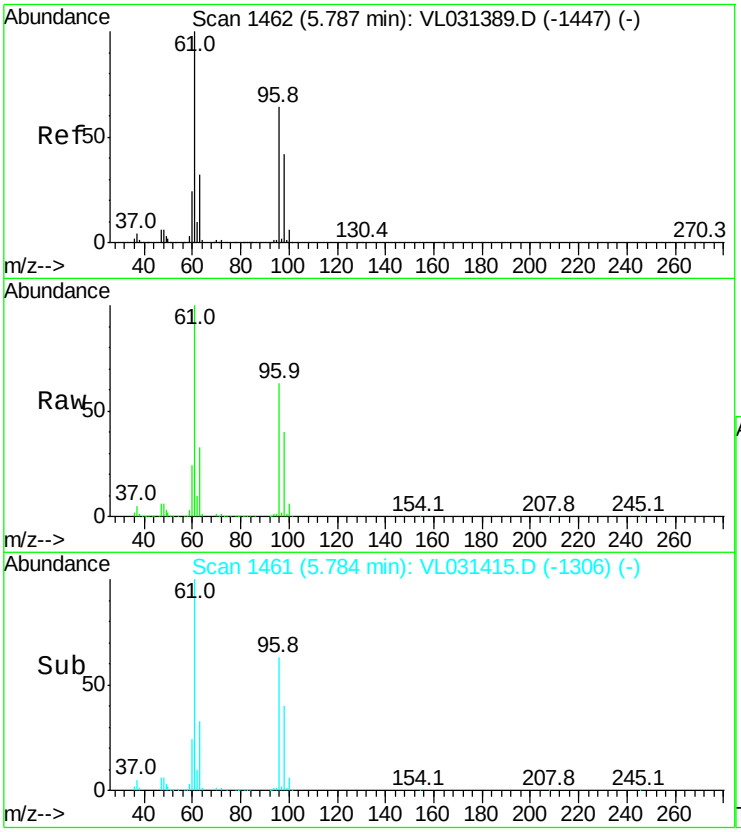


#30
Cyclohexane
Concen: 8.40 ppbv
RT: 7.40 min Scan# 1964
Delta R.T. -0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Tgt Ion: 84 Resp: 1187381

Ion	Ratio	Lower	Upper
84	100		
56	136.4	109.0	163.4
41	91.7	73.3	109.9



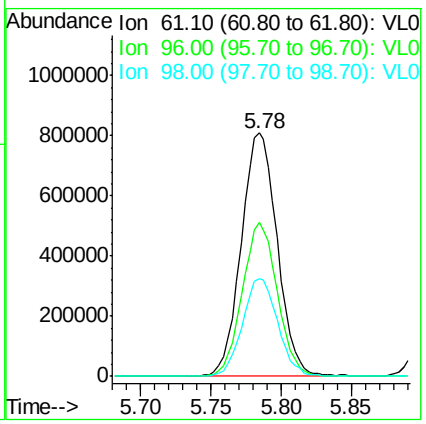


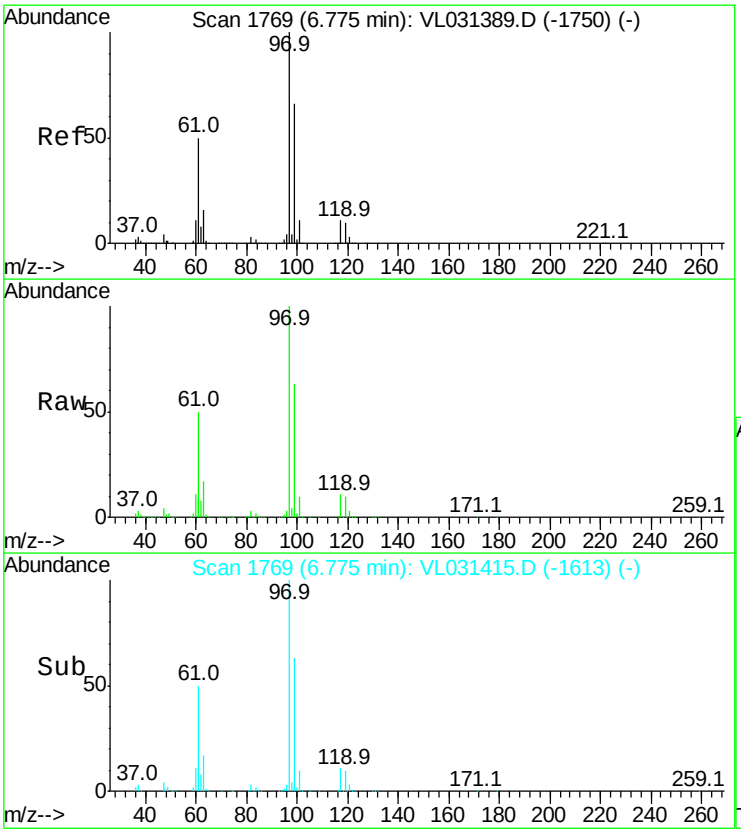
#31
cis-1,2-Dichloroethene
Concen: 8.40 ppbv
RT: 5.78 min Scan# 1461
Delta R.T. -0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 61 Resp: 1444745

Ion	Ratio	Lower	Upper
61	100		
96	63.2	51.3	76.9
98	40.2	33.6	50.4

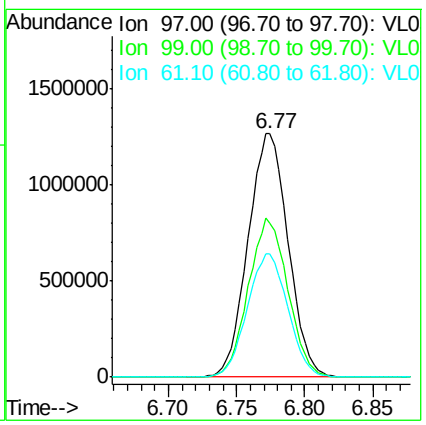


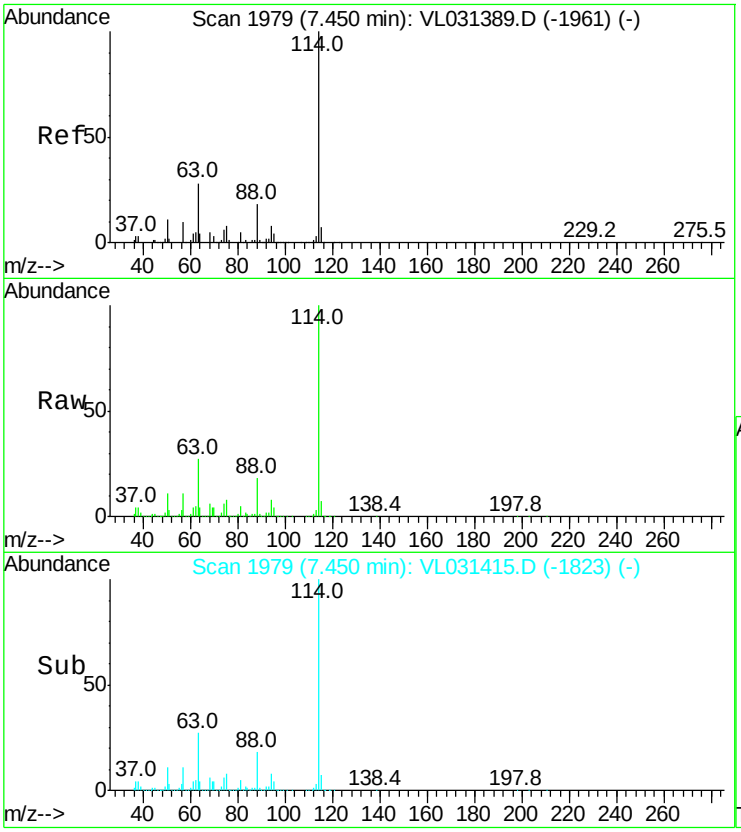


#32
1,1,1-Trichloroethane
Concen: 8.11 ppbv
RT: 6.77 min Scan# 1769
Delta R.T. 0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Tgt Ion: 97 Resp: 2579583

Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.9	77.9
61	51.3	40.6	61.0



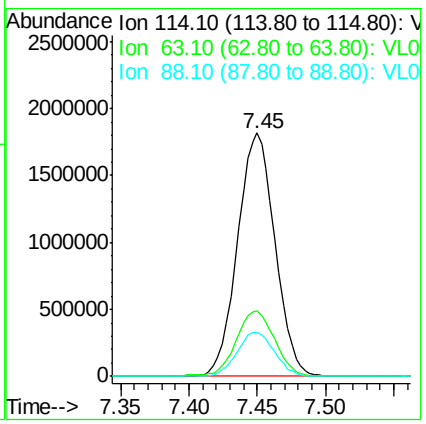


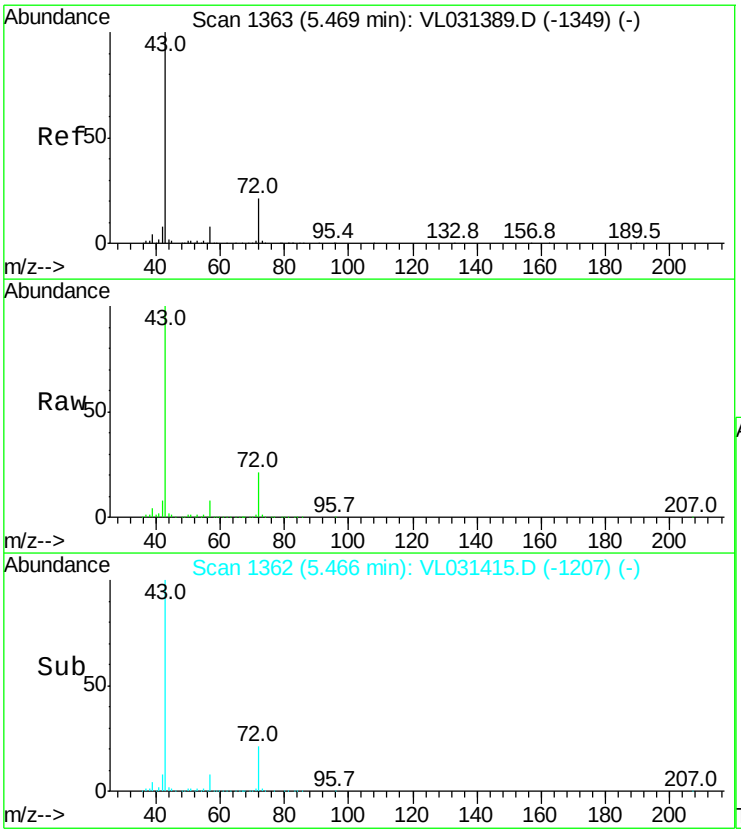
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.45 min Scan# 1979
Delta R.T. 0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:114 Resp: 3458774

Ion	Ratio	Lower	Upper
114	100		
63	27.9	22.5	33.7
88	18.3	14.6	22.0

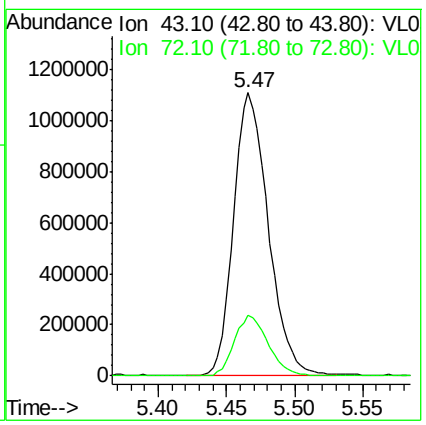


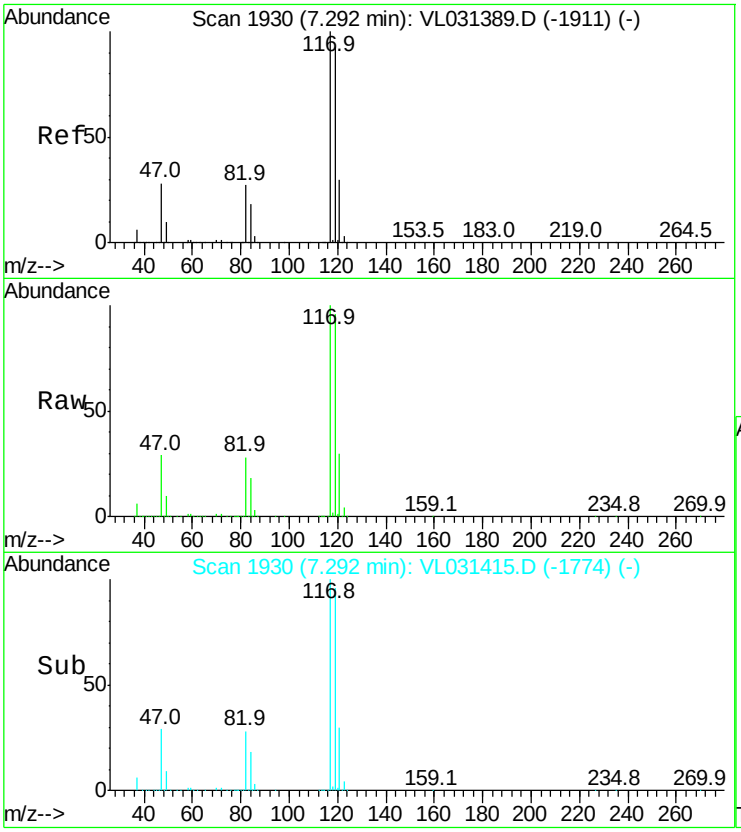


#34
2-Butanone
Concen: 6.80 ppbv
RT: 5.47 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Tgt Ion: 43 Resp: 1957056

Ion	Ratio	Lower	Upper
43	100		
72	21.1	16.8	25.2



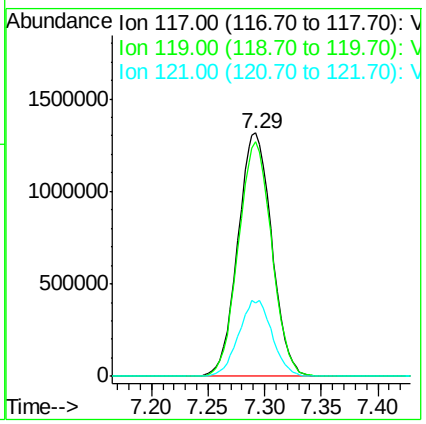


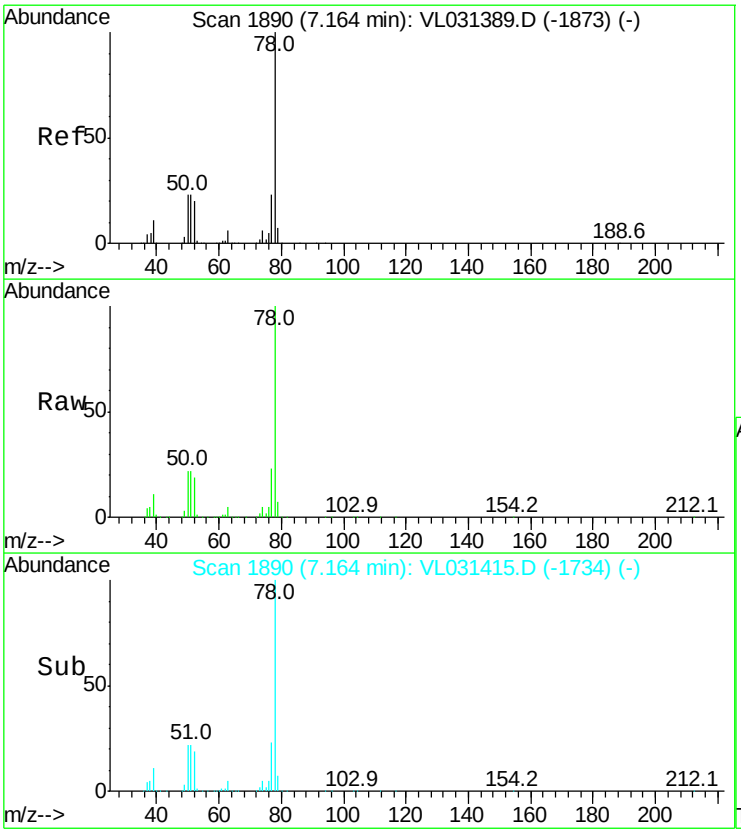
#35
Carbon Tetrachloride
Concen: 8.30 ppbv
RT: 7.29 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:117 Resp: 2741677

Ion	Ratio	Lower	Upper
117	100		
119	96.5	74.2	111.4
121	30.2	24.2	36.4

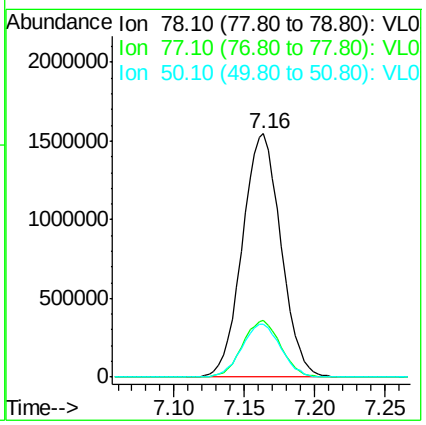


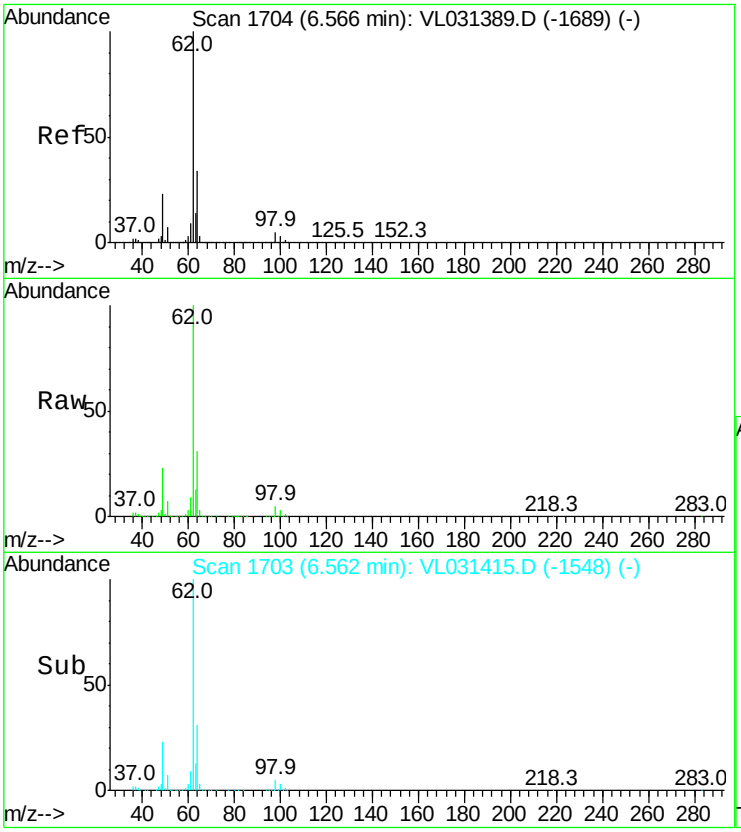


#36
Benzene
Concen: 8.27 ppbv
RT: 7.16 min Scan# 1890
Delta R.T. 0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Tgt Ion: 78 Resp: 2961598

Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.7	28.1
50	21.8	18.4	27.6



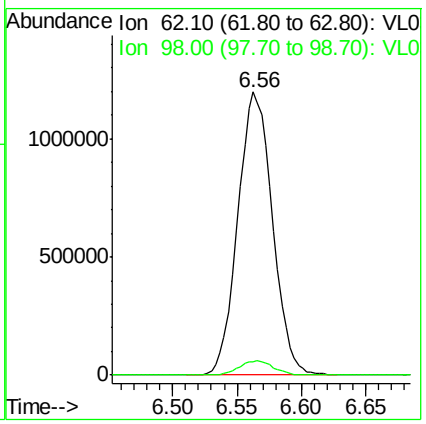


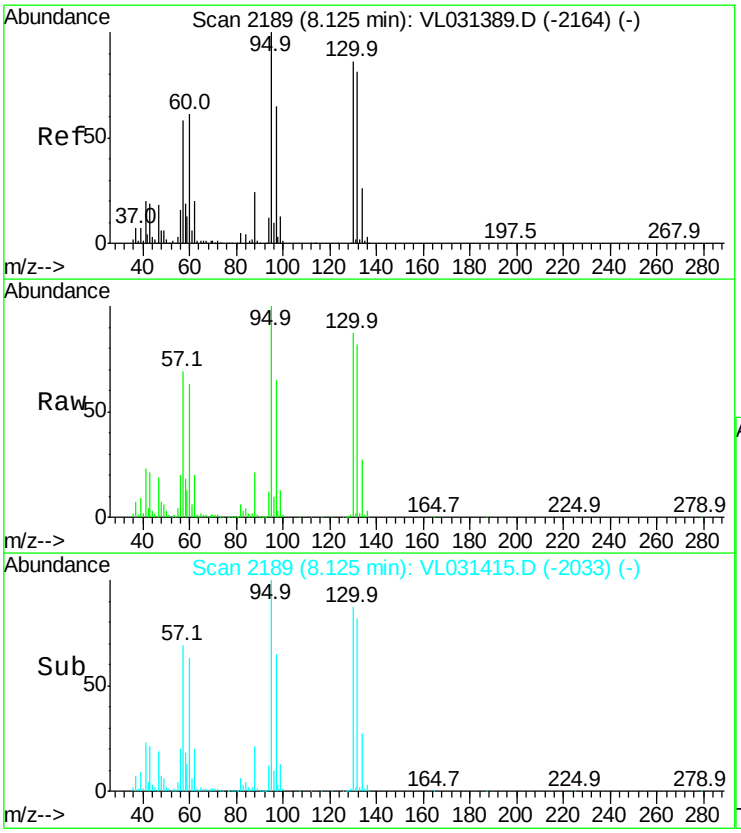
#37
1,2-Dichloroethane
Concen: 8.50 ppbv
RT: 6.56 min Scan# 1703
Delta R.T. -0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 62 Resp: 2243457

Ion	Ratio	Lower	Upper
62	100		
98	5.0	4.1	6.1

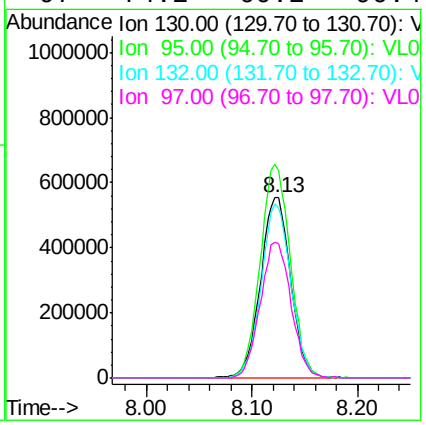


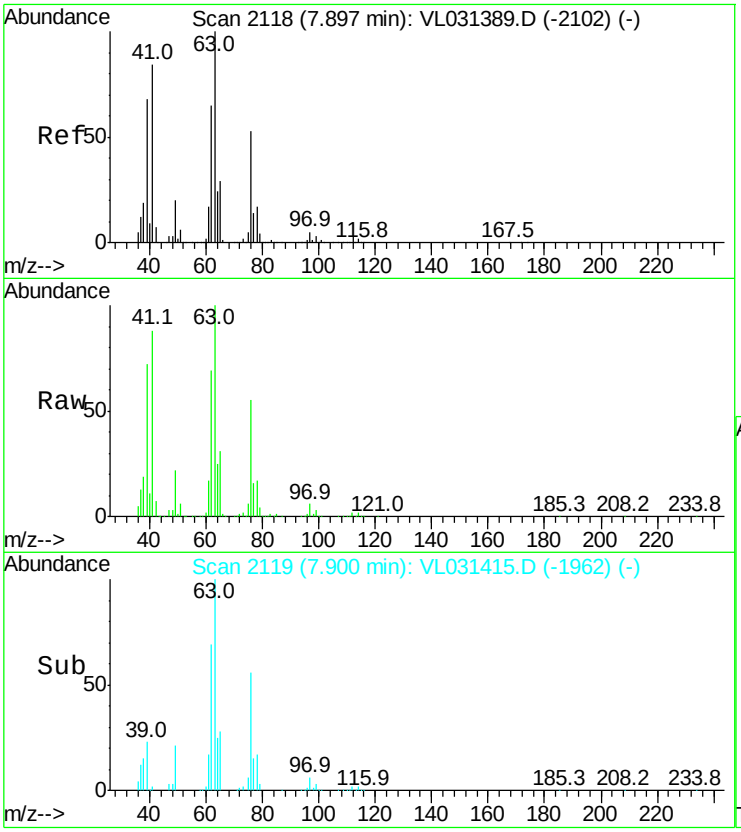


#38
Trichloroethene
Concen: 7.45 ppbv
RT: 8.13 min Scan# 2189
Delta R.T. 0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Tgt Ion:130 Resp: 1106456

Ion	Ratio	Lower	Upper
130	100		
95	114.8	92.9	139.3
132	94.2	74.9	112.3
97	74.2	60.2	90.4



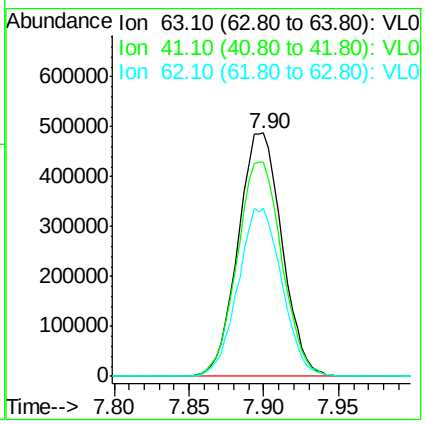


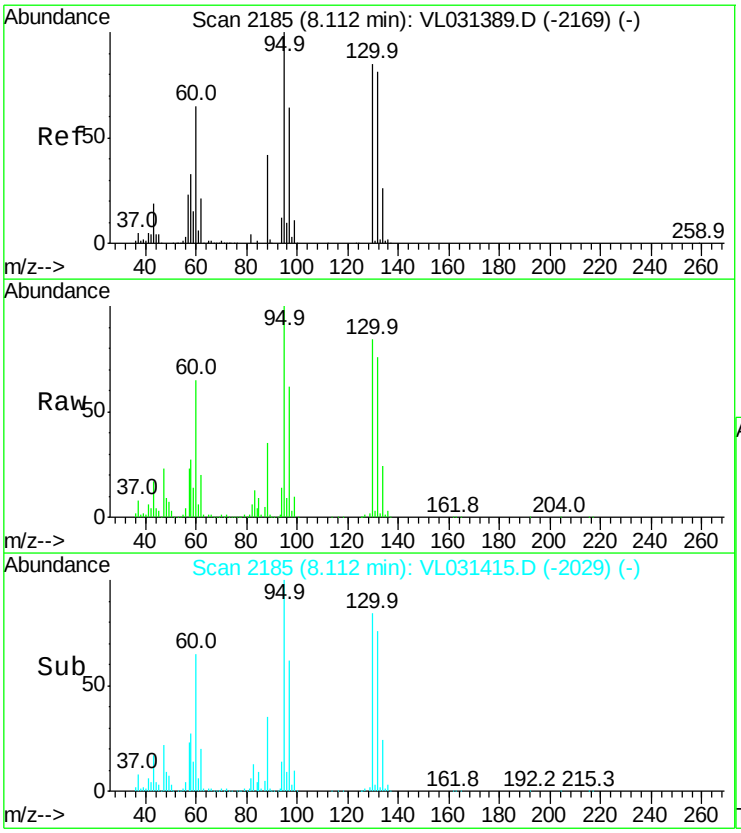
#39
1,2-Dichloropropane
Concen: 7.53 ppbv
RT: 7.90 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 63 Resp: 997074

Ion	Ratio	Lower	Upper
63	100		
41	87.7	67.6	101.4
62	69.0	51.8	77.6

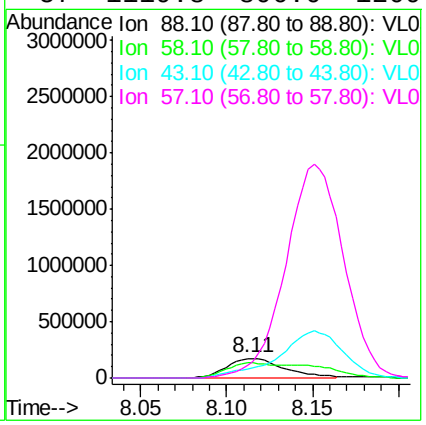


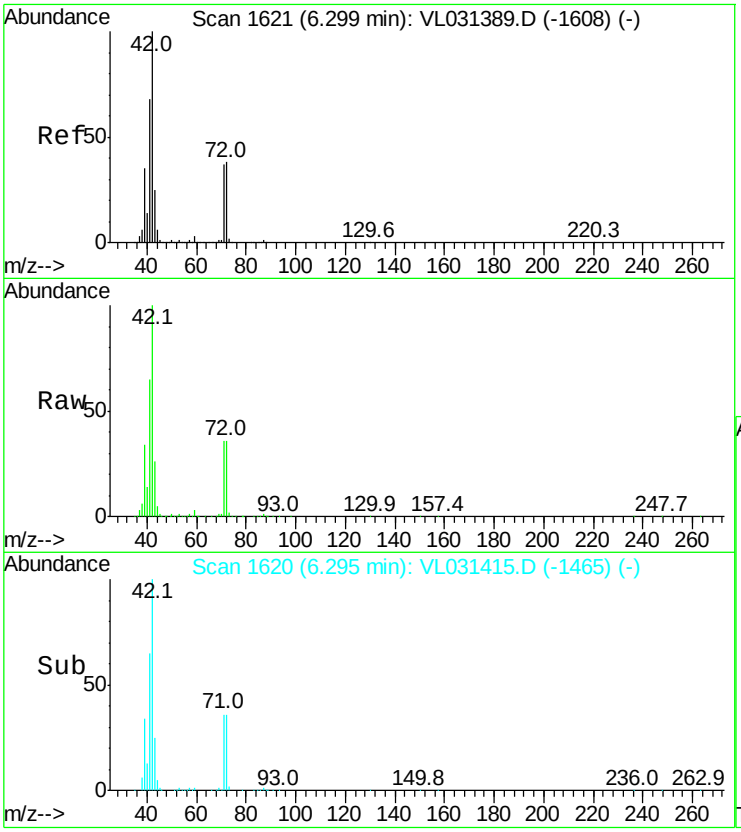


#40
1,4-Dioxane
Concen: 6.03 ppbv
RT: 8.11 min Scan# 2185
Delta R.T. 0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Tgt Ion: 88 Resp: 400939

Ion	Ratio	Lower	Upper
88	100		
58	130.3	98.2	147.2
43	271.0	197.3	295.9
57	1119.8	806.0	1209.0



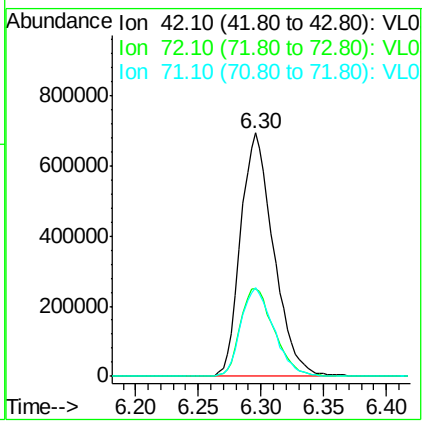


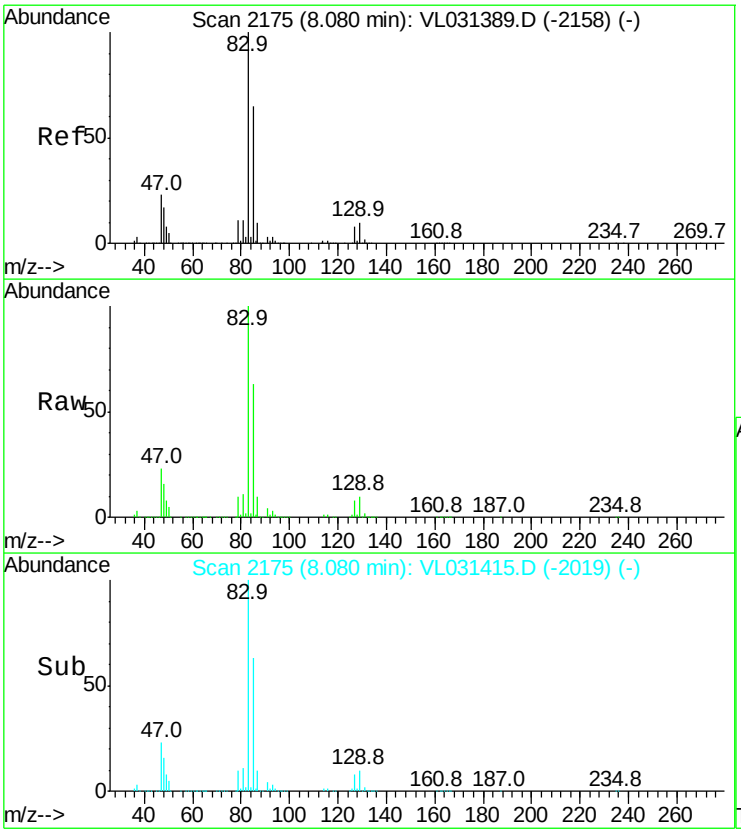
#41
Tetrahydrofuran
Concen: 8.70 ppbv
RT: 6.30 min Scan# 1620
Delta R.T. -0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 42 Resp: 1270318

Ion	Ratio	Lower	Upper
42	100		
72	37.3	30.4	45.6
71	36.5	29.2	43.8

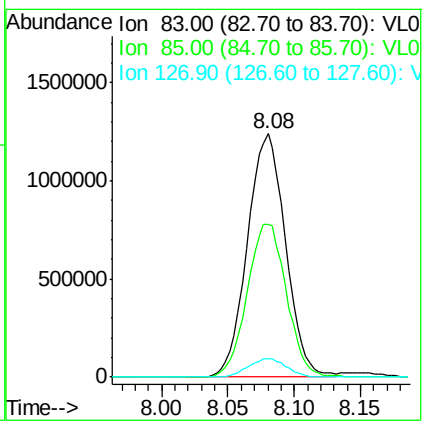


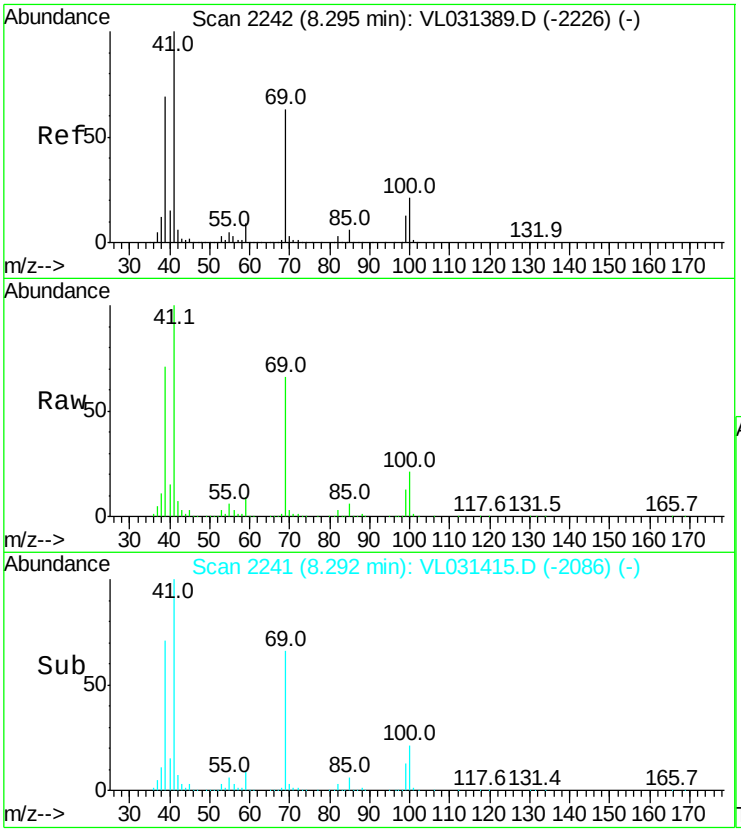


#42
Bromodichloromethane
Concen: 7.65 ppbv
RT: 8.08 min Scan# 2175
Delta R.T. 0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Tgt Ion: 83 Resp: 2484745

Ion	Ratio	Lower	Upper
83	100		
85	62.7	52.1	78.1
127	7.5	6.6	10.0



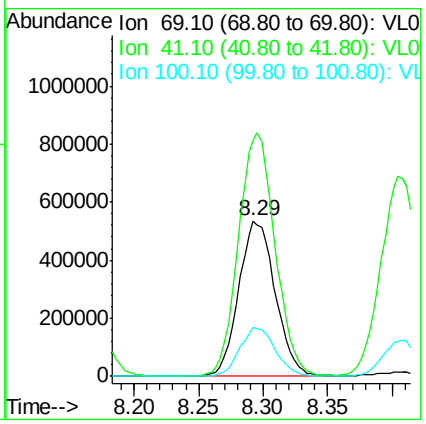


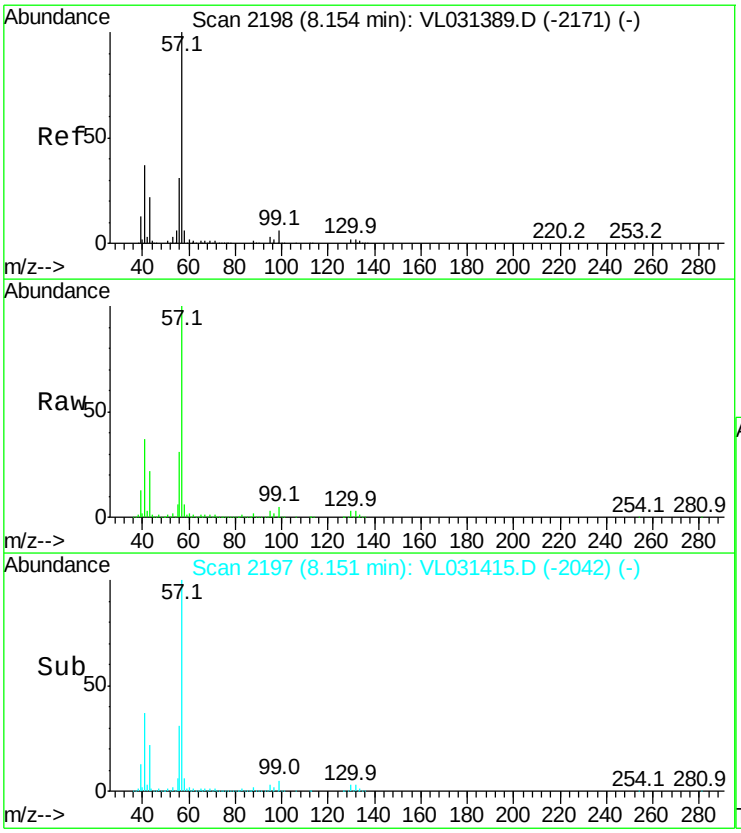
#43
Methyl Methacrylate
Concen: 7.90 ppbv
RT: 8.29 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 69 Resp: 1054404

Ion	Ratio	Lower	Upper
69	100		
41	157.1	127.0	190.6
100	31.0	24.6	37.0

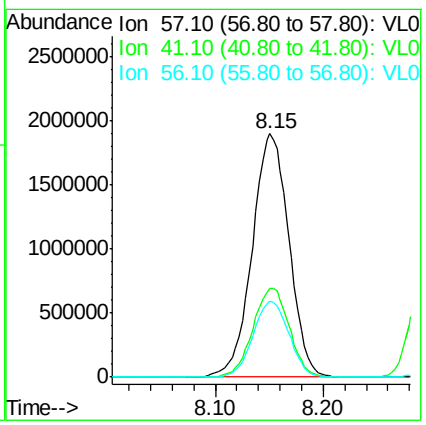


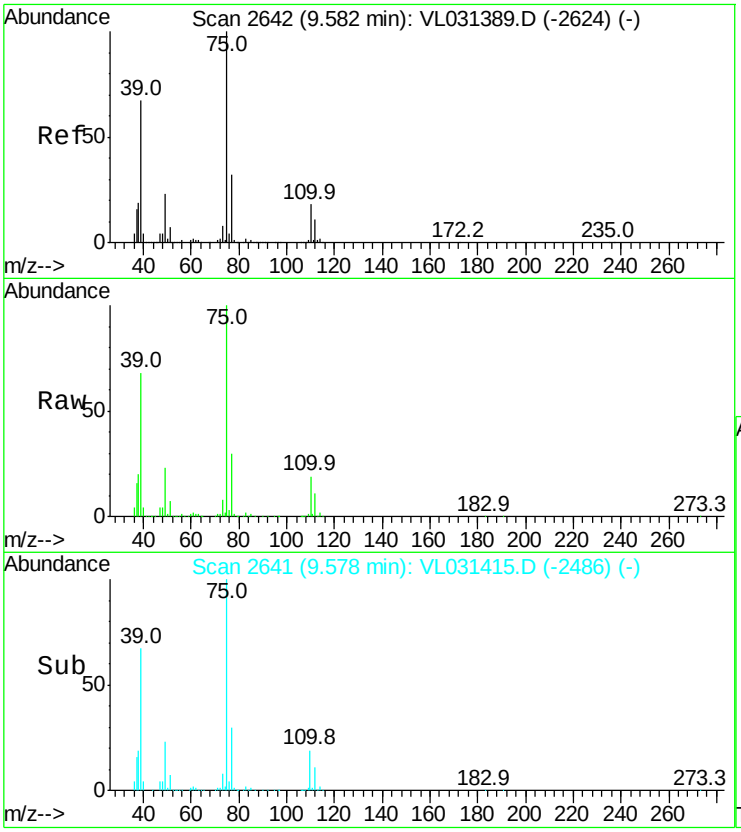


#44
2,2,4-Trimethylpentane
Concen: 7.47 ppbv
RT: 8.15 min Scan# 2197
Delta R.T. -0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Tgt Ion: 57 Resp: 4482534

Ion	Ratio	Lower	Upper
57	100		
41	36.0	28.8	43.2
56	30.5	24.6	37.0



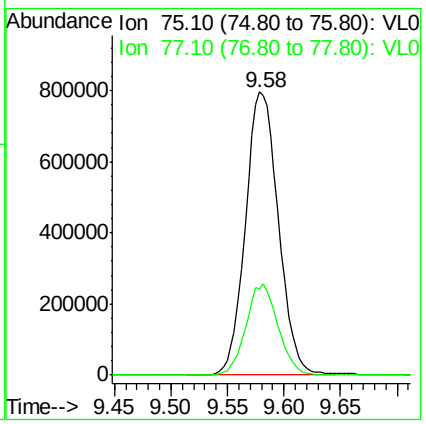


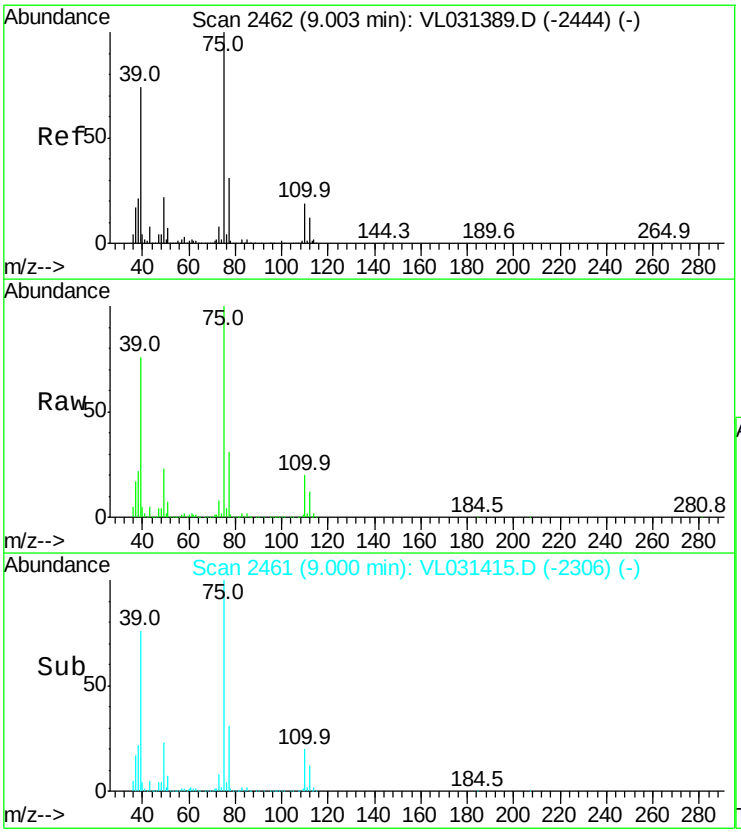
#45
t-1,3-Dichloropropene
Concen: 8.77 ppbv
RT: 9.58 min Scan# 2641
Delta R.T. -0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 75 Resp: 1612836

Ion	Ratio	Lower	Upper
75	100		
77	30.4	25.3	37.9

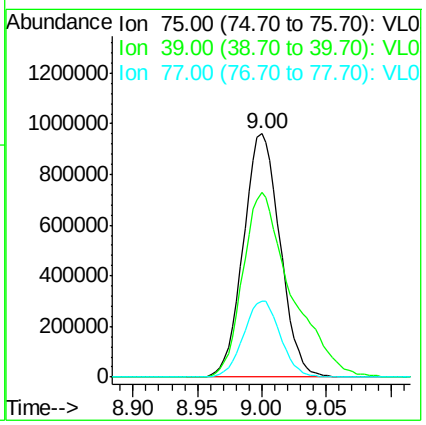


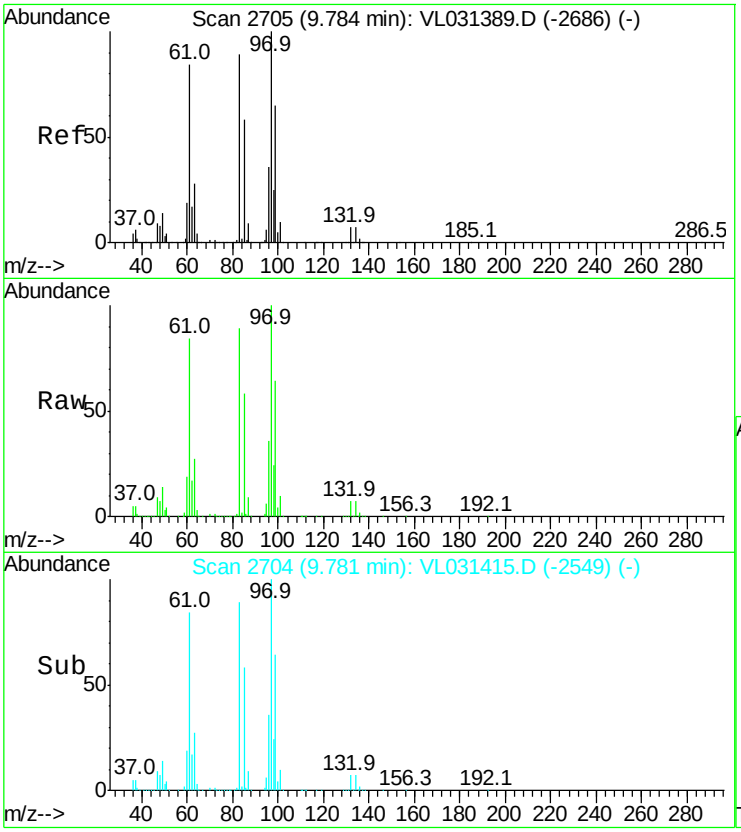


#46
cis-1,3-Dichloropropene
Concen: 8.36 ppbv
RT: 9.00 min Scan# 2461
Delta R.T. -0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Tgt Ion: 75 Resp: 1901344

Ion	Ratio	Lower	Upper
75	100		
39	75.9	59.4	89.0
77	31.4	25.0	37.4



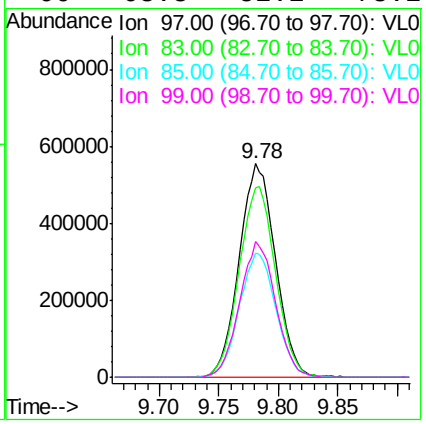


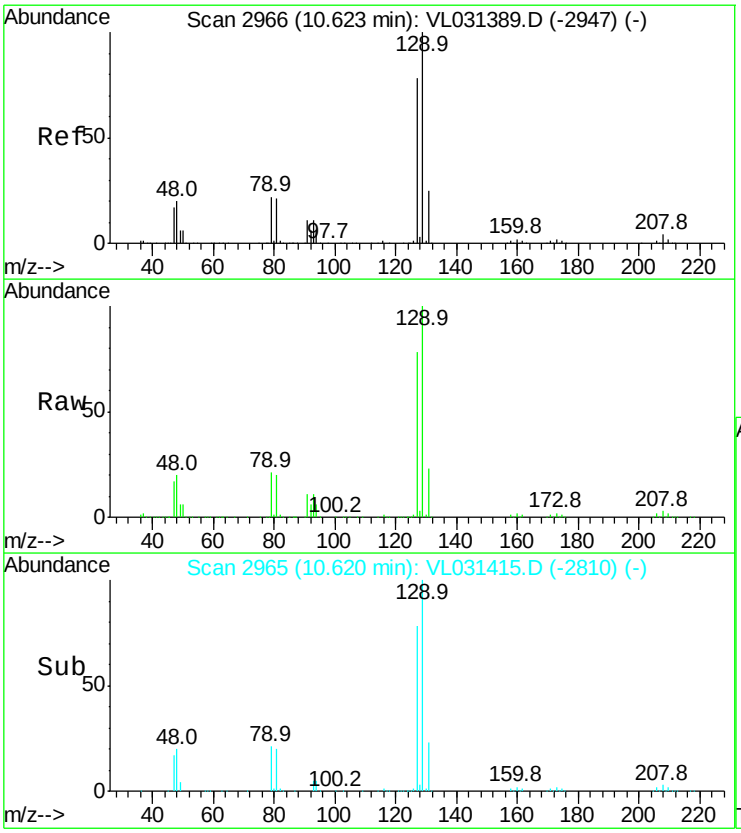
#47
1,1,2-Trichloroethane
Concen: 7.52 ppbv
RT: 9.78 min Scan# 2704
Delta R.T. -0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 97 Resp: 1172006

Ion	Ratio	Lower	Upper
97	100		
83	88.4	71.4	107.2
85	58.0	46.2	69.2
99	63.8	52.2	78.2

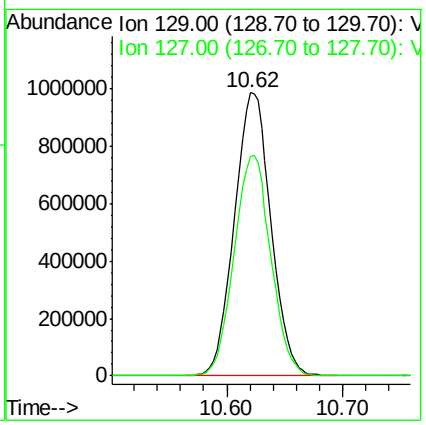


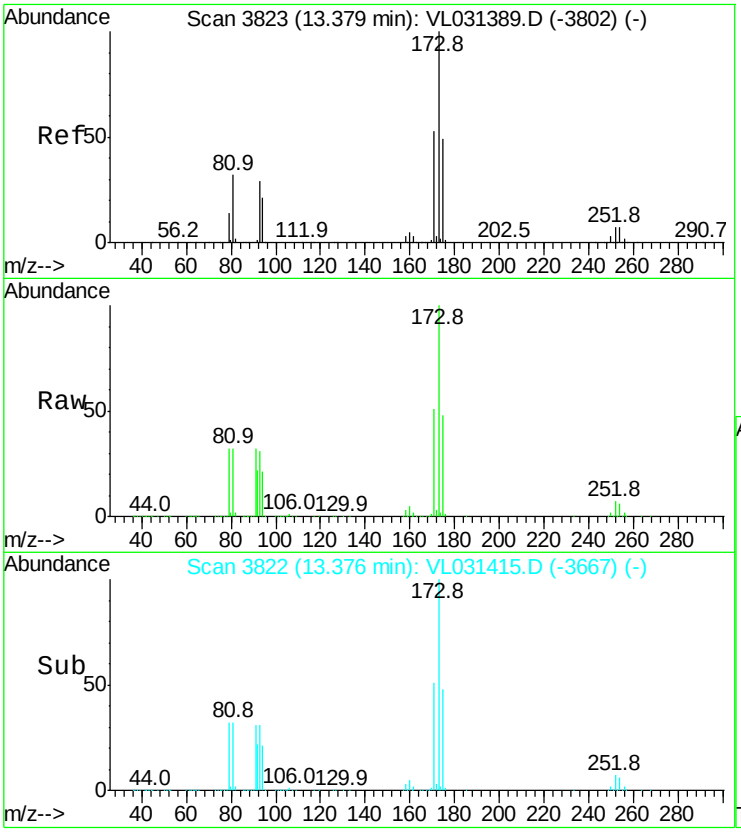


#48
Dibromochloromethane
Concen: 7.81 ppbv
RT: 10.62 min Scan# 2965
Delta R.T. -0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Tgt Ion:129 Resp: 2153616

Ion	Ratio	Lower	Upper
129	100		
127	78.4	39.4	118.1



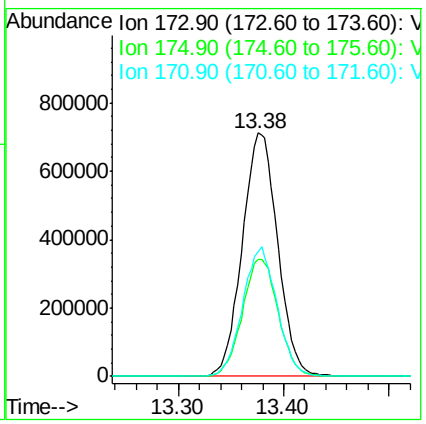


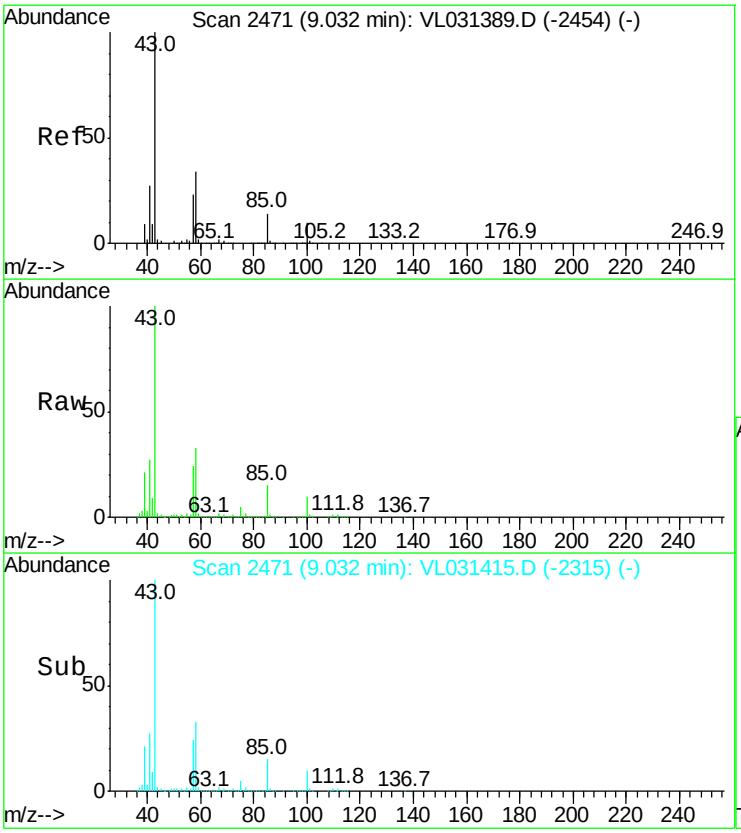
#49
Bromoform
Concen: 7.66 ppbv
RT: 13.38 min Scan# 3822
Delta R.T. -0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:173 Resp: 1660113

Ion	Ratio	Lower	Upper
173	100		
175	48.9	39.0	58.4
171	51.8	42.0	63.0

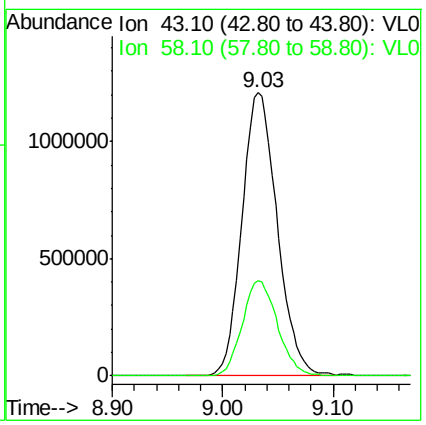


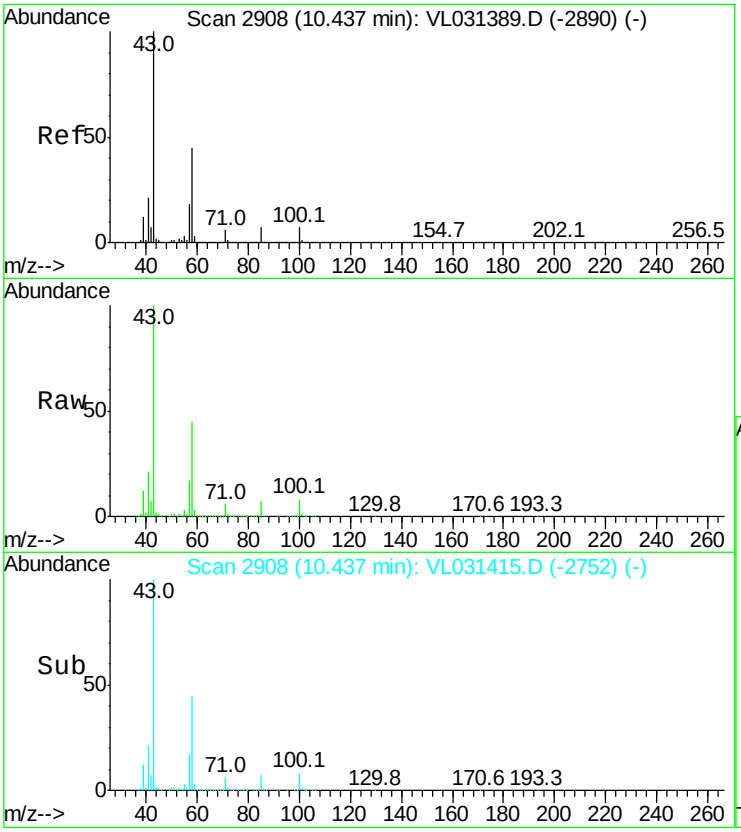


#50
4-Methyl-2-Pentanone
Concen: 7.04 ppbv
RT: 9.03 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Tgt Ion: 43 Resp: 2671938

Ion	Ratio	Lower	Upper
43	100		
58	33.8	27.1	40.7



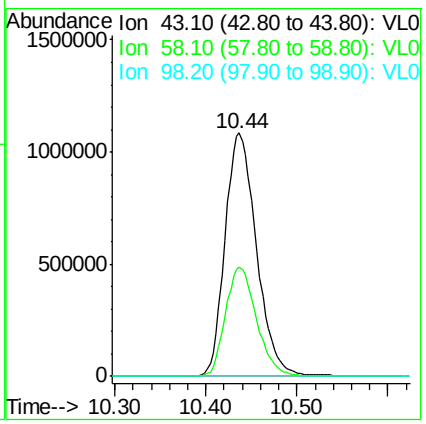


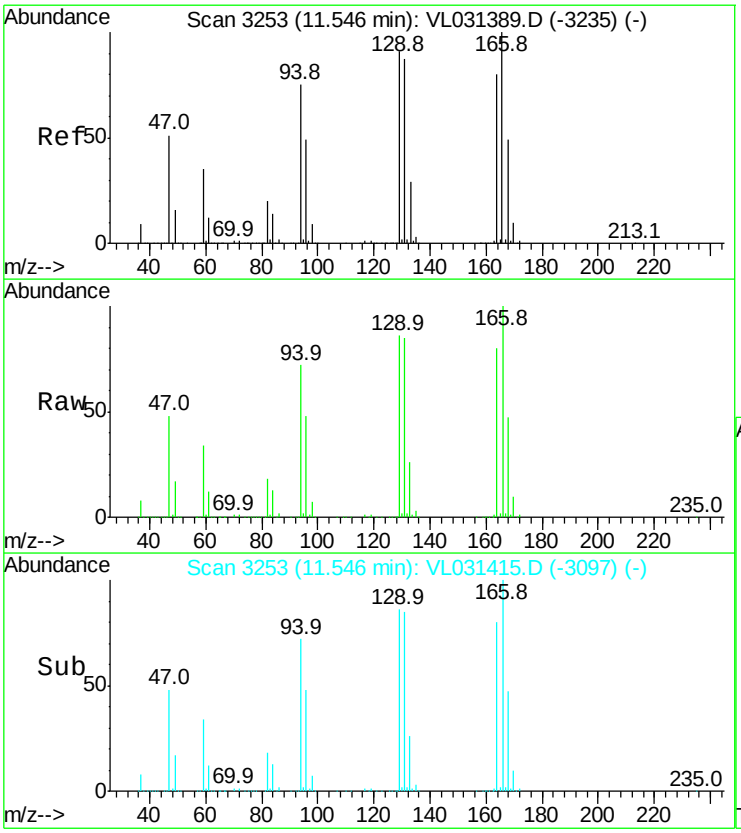
#51
2-Hexanone
Concen: 6.75 ppbv
RT: 10.44 min Scan# 2908
Delta R.T. 0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 43 Resp: 2604013

Ion	Ratio	Lower	Upper
43	100		
58	44.7	36.2	54.4
98	0.3	0.1	0.1#

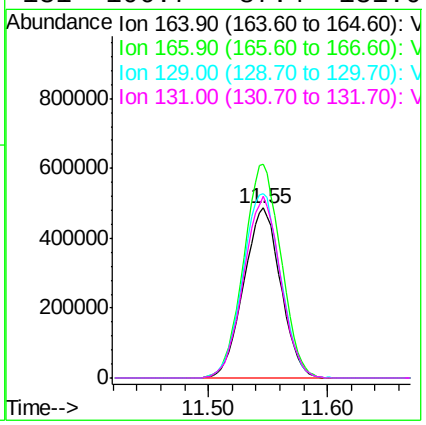


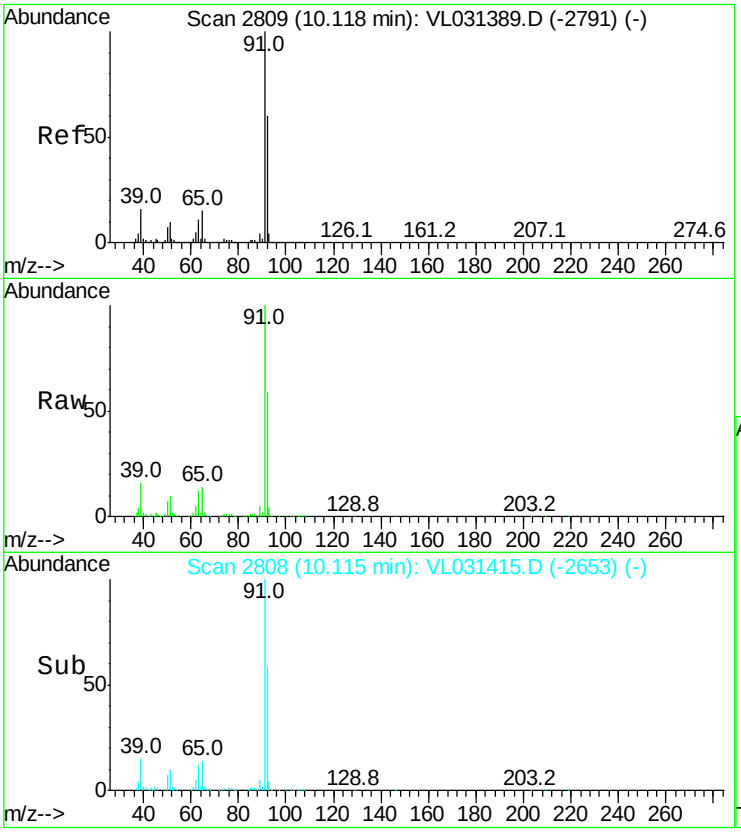


#52
Tetrachloroethene
Concen: 7.42 ppbv
RT: 11.55 min Scan# 3253
Delta R.T. 0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Tgt Ion:164 Resp: 1046699

Ion	Ratio	Lower	Upper
164	100		
166	125.8	100.2	150.2
129	108.8	91.4	137.0
131	106.7	87.4	131.0



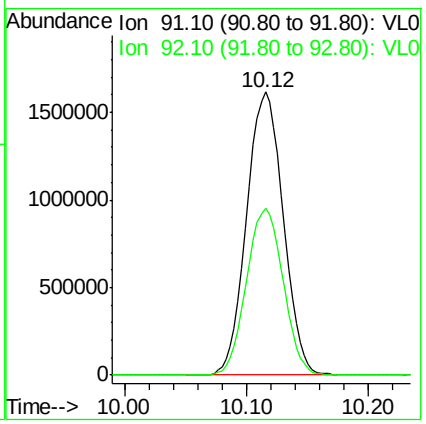


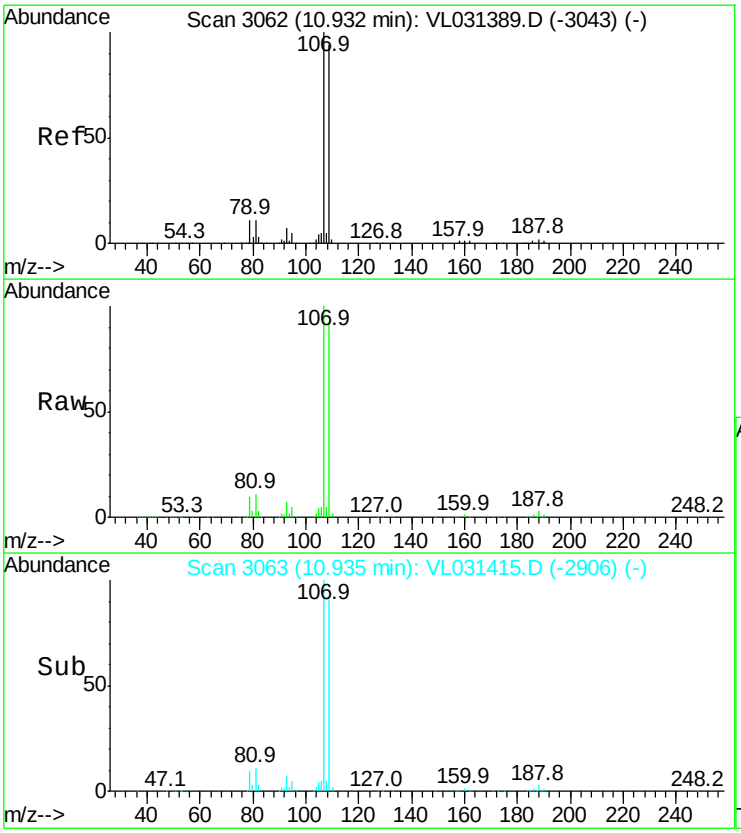
#53
Toluene
Concen: 7.95 ppbv
RT: 10.12 min Scan# 2808
Delta R.T. -0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 91 Resp: 3354061

Ion	Ratio	Lower	Upper
91	100		
92	59.0	47.8	71.6

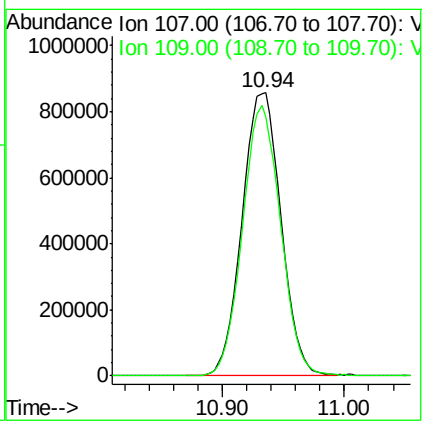


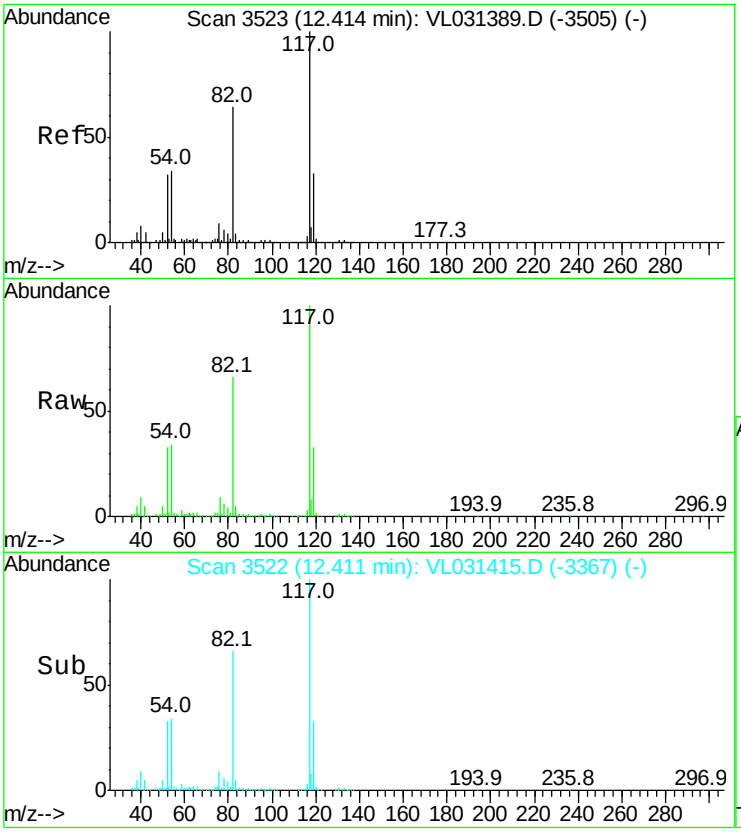


#54
1,2-Dibromoethane
Concen: 7.73 ppbv
RT: 10.94 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Tgt Ion:107 Resp: 1889177

Ion	Ratio	Lower	Upper
107	100		
109	91.5	75.5	113.3



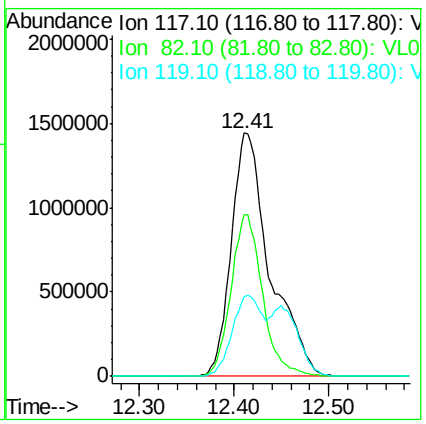


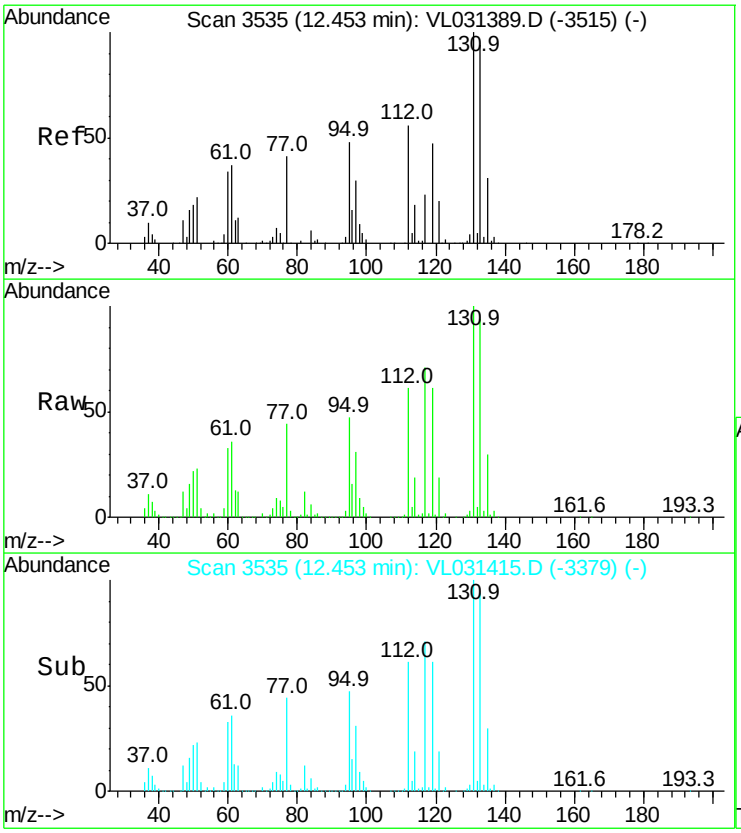
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.41 min Scan# 3522
Delta R.T. -0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:117 Resp: 4101377

Ion	Ratio	Lower	Upper
117	100		
82	54.1	51.8	77.6
119	25.7	24.2	36.2

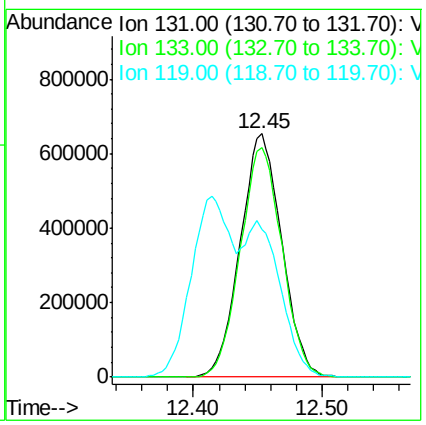


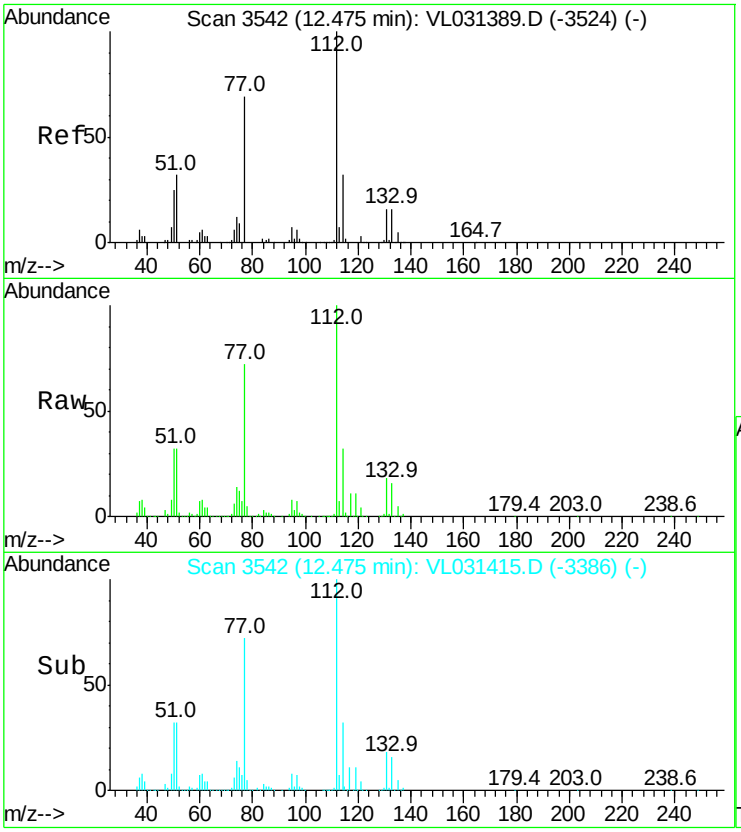


#56
1,1,1,2-Tetrachloroethane
Concen: 6.91 ppbv
RT: 12.45 min Scan# 3535
Delta R.T. 0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Tgt Ion:131 Resp: 1461450

Ion	Ratio	Lower	Upper
131	100		
133	95.2	76.9	115.3
119	59.4	47.7	71.5



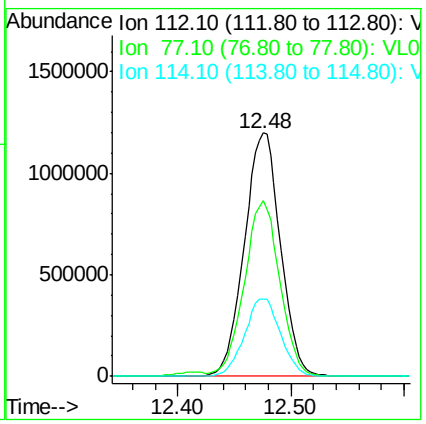


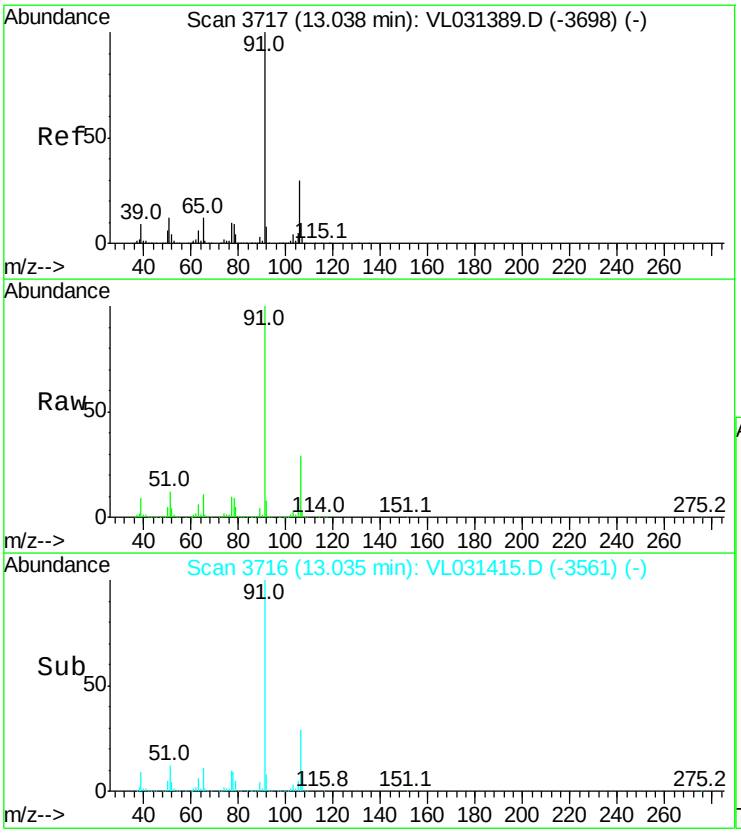
#57
Chlorobenzene
Concen: 6.84 ppbv
RT: 12.48 min Scan# 3542
Delta R.T. 0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:112 Resp: 2652035

Ion	Ratio	Lower	Upper
112	100		
77	71.8	56.0	84.0
114	31.5	29.1	35.5

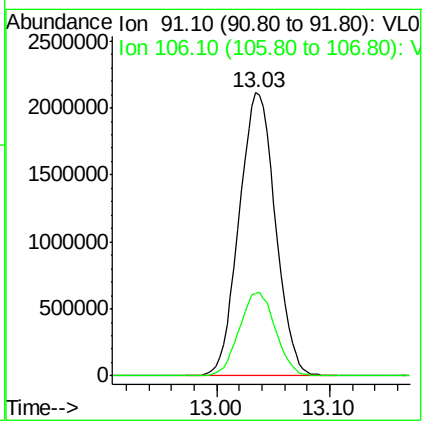


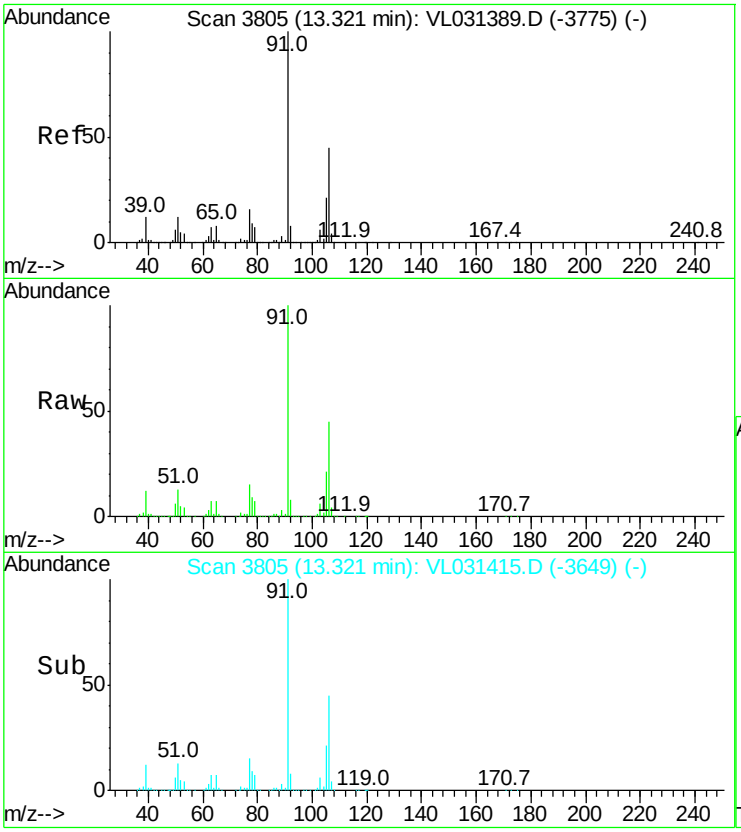


#58
Ethyl Benzene
Concen: 7.04 ppbv
RT: 13.03 min Scan# 3716
Delta R.T. -0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Tgt Ion: 91 Resp: 4714002

Ion	Ratio	Lower	Upper
91	100		
106	29.3	23.8	35.6



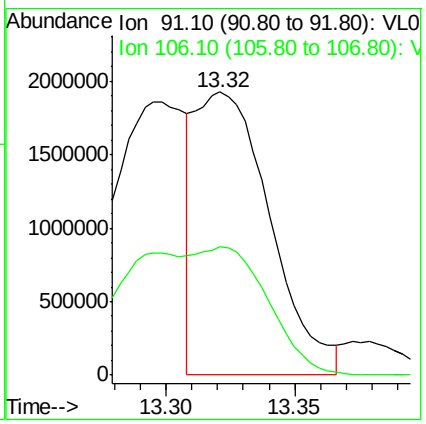


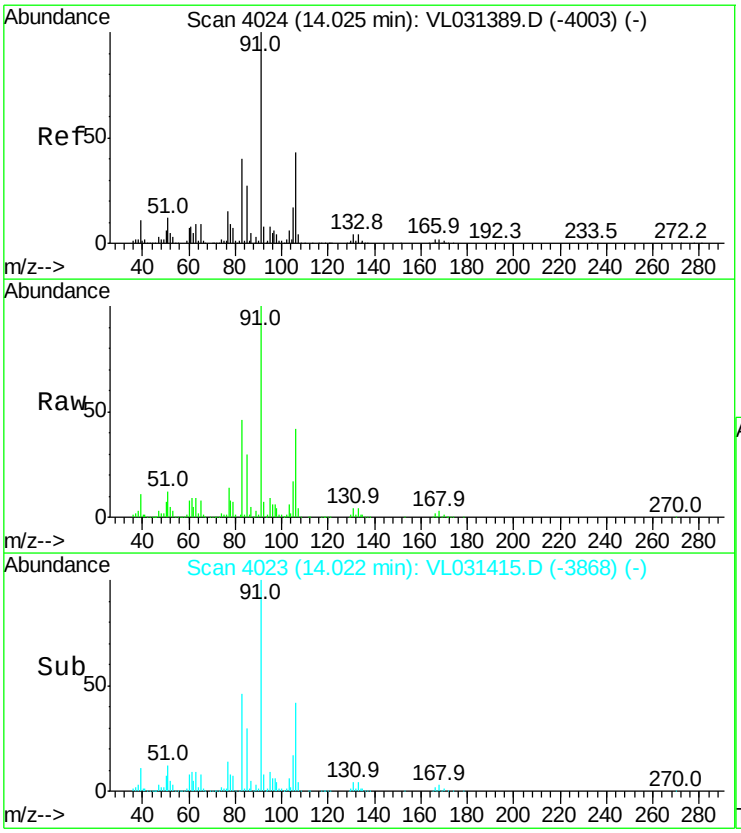
#59
m/p-Xylene
Concen: 6.96 ppbv
RT: 13.32 min Scan# 3805
Delta R.T. 0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 3855164

Ion	Ratio	Lower	Upper
91	100		
106	88.9	35.6	53.4#

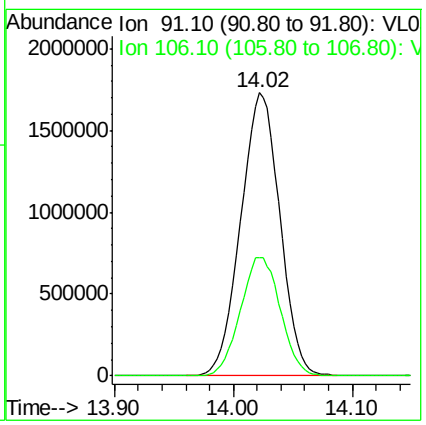


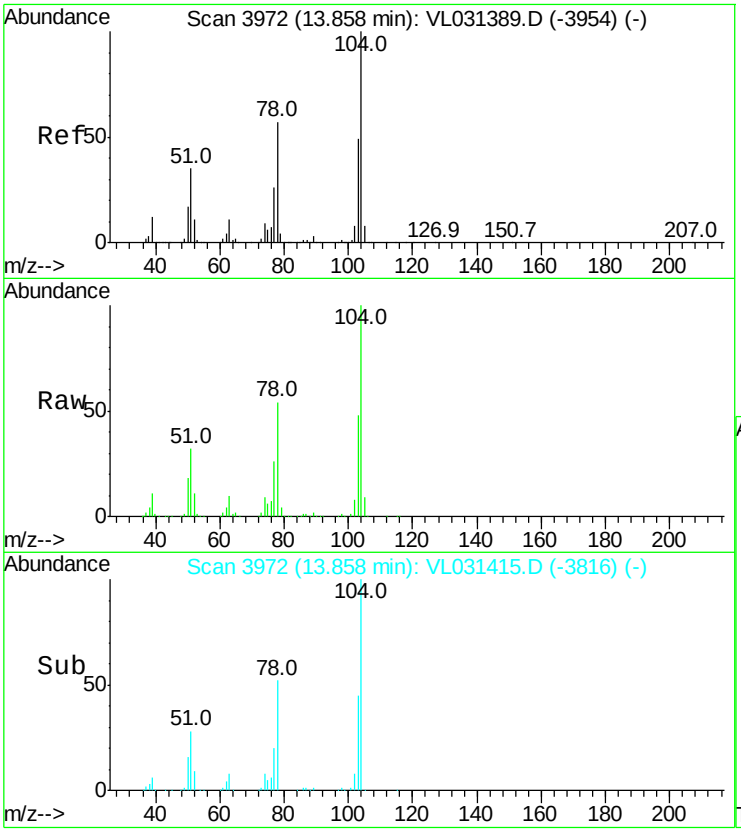


#60
o-Xylene
Concen: 6.96 ppbv
RT: 14.02 min Scan# 4023
Delta R.T. -0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Tgt Ion: 91 Resp: 3934572

Ion	Ratio	Lower	Upper
91	100		
106	43.0	21.3	64.0



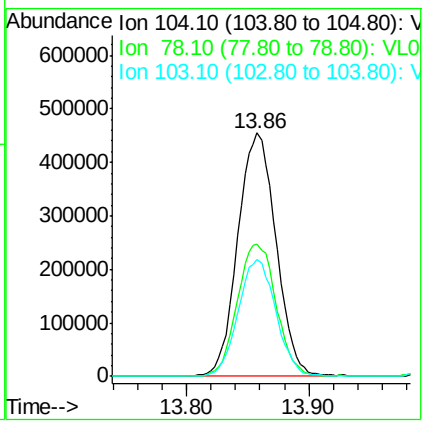


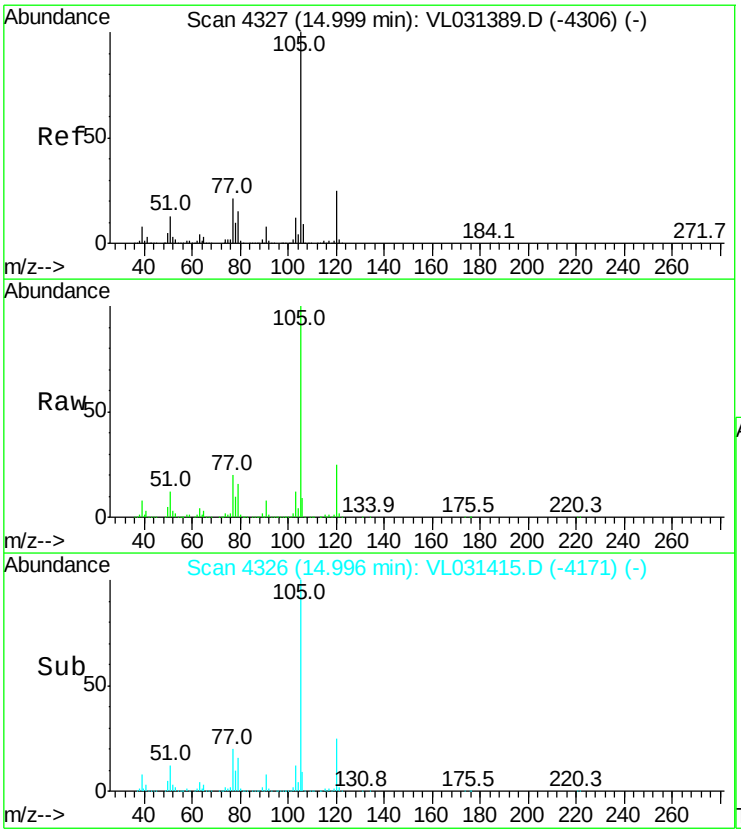
#61
Styrene
Concen: 7.90 ppbv
RT: 13.86 min Scan# 3972
Delta R.T. 0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:104 Resp: 979825

Ion	Ratio	Lower	Upper
104	100		
78	55.9	45.4	68.0
103	47.5	38.6	57.8





#62
Isopropylbenzene
Concen: 6.88 ppbv
RT: 15.00 min Scan# 4326
Delta R.T. -0.00 min
Lab File: VL031415.D
Acq: 22 Jan 2018 13:14

Tgt Ion:105 Resp: 4893327

Ion	Ratio	Lower	Upper
105	100		
120	25.0	19.9	29.9