Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031319\

Quantitation Report (Not Reviewed)

Data File : VL033306.D
Acq On : 13 Mar 2019 23:21
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Mar 13 23:52:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031319AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 13 20:55:03 2019
QLast Update : Wed Mar 13 23:18:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	757105	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	1824315	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	2684281	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	1642103	7.90	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 79.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.08	85	1519741	11.903	ppbv	98
3) Chlorodifluoromethane	3.01	51	930743	9.489	ppbv	100
4) Chloromethane	3.17	50	505552	9.580	ppbv	100
5) Vinyl Chloride	3.29	62	486606	9.144	ppbv	97
6) Bromomethane	3.52	94	313402	9.871	ppbv	100
7) Chloroethane	3.60	64	188394	9.975	ppbv	100
8) Dichlorotetrafluoroethane	3.22	85	1192208	9.390	ppbv	98
9) Propene	3.04	41	428369	9.731	ppbv	100
10) Heptane	8.25	43	1072965	9.959	ppbv	99
11) Trichlorofluoromethane	4.00	101	1335104	9.592	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.55	101	875959	9.312	ppbv	100
13) Ethanol	3.65	45	92222	6.785	ppbv	100
14) Bromoethene	3.79	108	382637	9.787	ppbv	99
15) Acetone	3.90	43	841035	8.110	ppbv	100
16) 1,3-Butadiene	3.36	39	423480	9.950	ppbv	95
17) tert-Butyl alcohol	4.36	59	172076	9.539	ppbv	100
18) 1,1-Dichloroethene	4.35	96	412226	10.033	ppbv	98
19) Isopropyl Alcohol	4.02	45	567725	8.839	ppbv	100
20) Methylene Chloride	4.41	84	344243	8.255	ppbv	97
21) Allyl Chloride	4.48	41	626016	10.105	ppbv	99
22) trans-1,2-Dichloroethene	4.96	96	417454	10.022	ppbv	98
23) Vinyl Acetate	5.16	43	1558019	10.495	ppbv	99
24) 1,1-Dichloroethane	5.09	63	1094297	10.225	ppbv	99
25) Ethyl Acetate	5.77	43	1797890	9.582	ppbv	100
26) Hexane	5.78	57	796751	9.066	ppbv	98
27) Carbon Disulfide	4.62	76	1020123	10.928	ppbv	100
28) Methyl tert-Butyl Ether	5.11	73	1337302	10.768	ppbv	99
29) Chloroform	5.85	83	1301996	9.539	ppbv	99
30) Cyclohexane	7.25	84	688411	10.155	ppbv	98
31) cis-1,2-Dichloroethene	5.64	61	873355	10.443	ppbv	97
32) 1,1,1-Trichloroethane	6.62	97	1276600	9.583	ppbv	99
34) 2-Butanone	5.33	43	1237712	9.954	ppbv	99
35) Carbon Tetrachloride	7.14	117	1352081	9.676	ppbv	97
36) Benzene	7.01	78	1721639	9.682	ppbv	99
37) 1,2-Dichloroethane	6.42	62	988905	9.206	ppbv	99
38) Trichloroethene	7.97	130	636490	9.001	ppbv	96
39) 1,2-Dichloropropane	7.74	63	650278	9.529	ppbv	99
40) 1,4-Dioxane	7.96	88	235382	9.318	ppbv #	1
41) Tetrahydrofuran	6.15	42	683321	9.836	ppbv	99
42) Bromodichloromethane	7.92	83	1470519	9.856	ppbv	99
43) Methyl Methacrylate	8.14	69	704956	9.950	ppbv	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031319\

Quantitation Report (Not Reviewed)

Data File : VL033306.D
Acq On : 13 Mar 2019 23:21
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Mar 13 23:52:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031319AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 13 20:55:03 2019
QLast Update : Wed Mar 13 23:18:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.99	57	2833943	9.277	ppbv		99
45) t-1,3-Dichloropropene	9.42	75	944919	11.439	ppbv		100
46) cis-1,3-Dichloropropene	8.84	75	1058620	10.586	ppbv		99
47) 1,1,2-Trichloroethane	9.62	97	712127	9.814	ppbv		97
48) Dibromochloromethane	10.45	129	1231490	10.280	ppbv		99
49) Bromoform	13.21	173	1224059	12.007	ppbv		99
50) 4-Methyl-2-Pentanone	8.87	43	1734558	9.557	ppbv		98
51) 2-Hexanone	10.27	43	1374105	9.929	ppbv	#	100
52) Tetrachloroethene	11.37	164	702805	9.610	ppbv		95
53) Toluene	9.95	91	2041622	10.063	ppbv		100
54) 1,2-Dibromoethane	10.76	107	1115381	9.373	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.28	131	978544	8.078	ppbv		99
57) Chlorobenzene	12.31	112	1667367	7.644	ppbv		97
58) Ethyl Benzene	12.87	91	3167272	8.167	ppbv		99
59) m/p-Xylene	13.15	91	2598545	7.980	ppbv	#	100
60) o-Xylene	13.85	91	2527674	8.059	ppbv		100
61) Styrene	13.69	104	1925056	8.768	ppbv		99
62) Isopropylbenzene	14.83	105	3559596	8.078	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.84	83	1722719	7.673	ppbv		100
64) n-propylbenzene	15.73	120	910225	8.365	ppbv		97
65) tert-Butylbenzene	16.91	119	3117713	8.405	ppbv		99
66) Benzyl Chloride	17.16	91	1594125	11.018	ppbv		99
67) sec-Butylbenzene	17.46	105	4419215	8.257	ppbv		99
69) p-Isopropyltoluene	17.82	119	3644784	8.502	ppbv		99
70) n-Butylbenzene	18.72	91	3840084	8.495	ppbv		100
71) 2-Chlorotoluene	15.62	91	2764204	8.414	ppbv		100
72) 4-Ethyltoluene	16.00	105	2919895	8.714	ppbv		100
73) 1,3,5-Trimethylbenzene	16.16	105	2818846	8.983	ppbv		100
74) 1,2,4-Trimethylbenzene	16.93	105	2840684	8.825	ppbv		95
75) 1,3-Dichlorobenzene	17.17	146	1623290	8.059	ppbv		100
76) 1,4-Dichlorobenzene	17.31	146	1627365	8.224	ppbv		99
77) 1,2-Dichlorobenzene	17.99	146	1579354	7.986	ppbv		99
78) Hexachloro-1,3-Butadiene	23.55	225	1233612	8.604	ppbv		99
79) Naphthalene	22.42	128	2933936	9.897	ppbv		98
80) Naphthalene,2-methyl-	25.12	142	1366320	16.468	ppbv		99
81) 1,2,4-Trichlorobenzene	22.14	180	1473348	9.067	ppbv		100

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

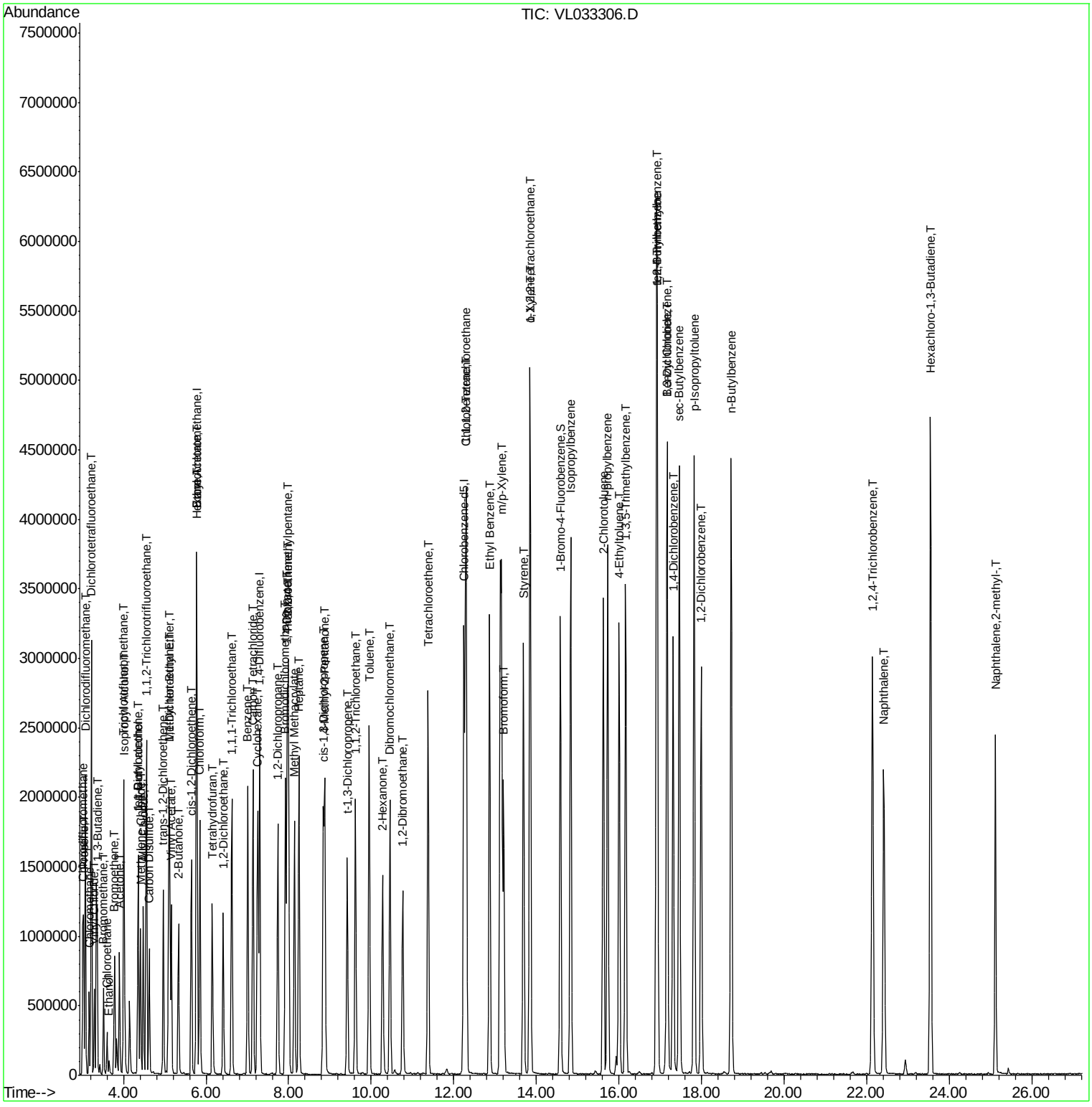
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031319\

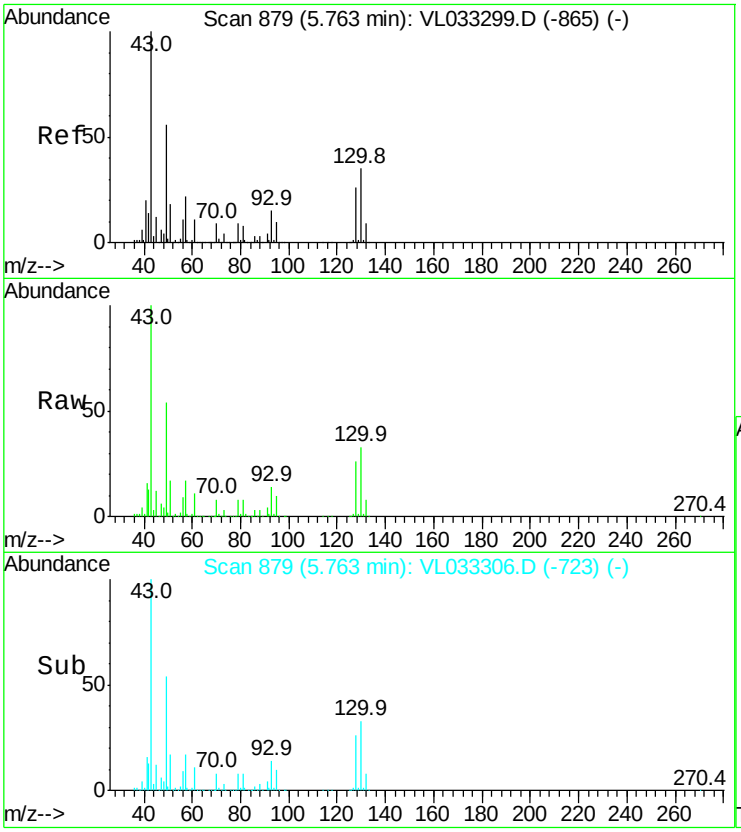
Quantitation Report (Not Reviewed)

Data File : VL033306.D
Acq On : 13 Mar 2019 23:21
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Mar 13 23:52:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031319AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 13 20:55:03 2019
QLast Update : Wed Mar 13 23:18:43 2019
Response via : Initial Calibration



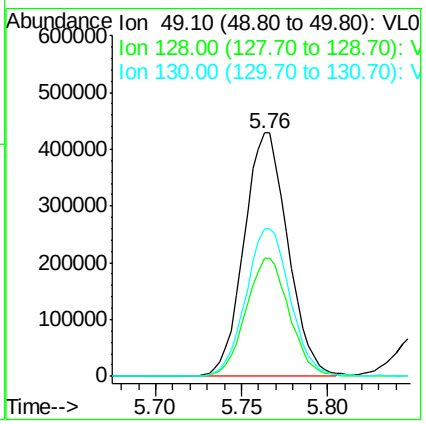


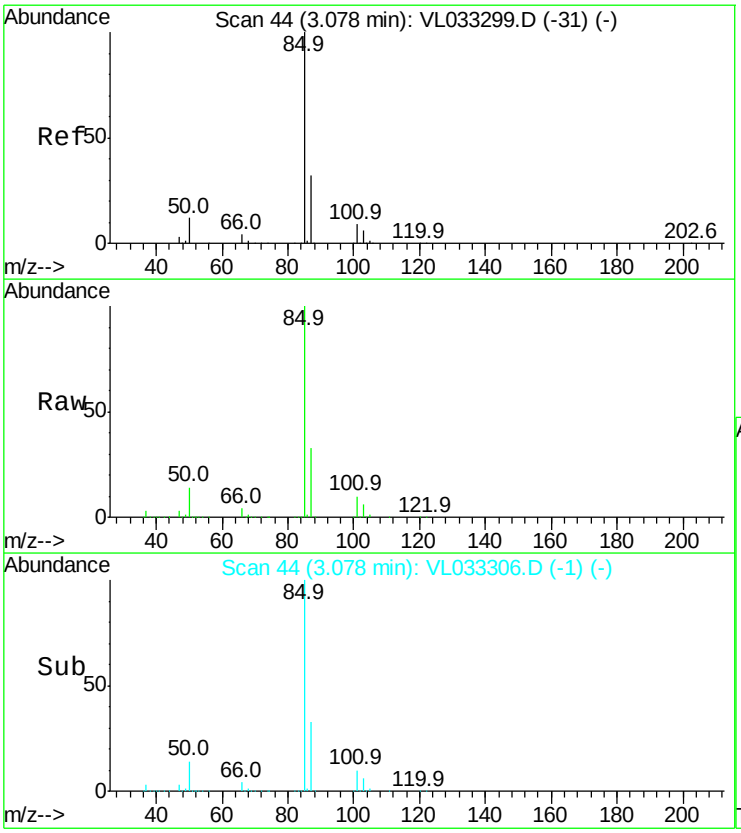
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 879
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 49 Resp: 757105

Ion	Ratio	Lower	Upper
49	100		
128	48.3	23.4	70.3
130	61.4	29.9	89.7

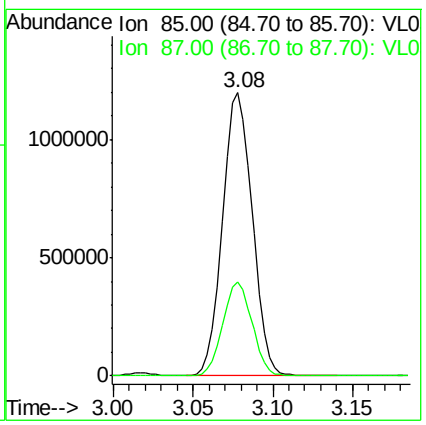


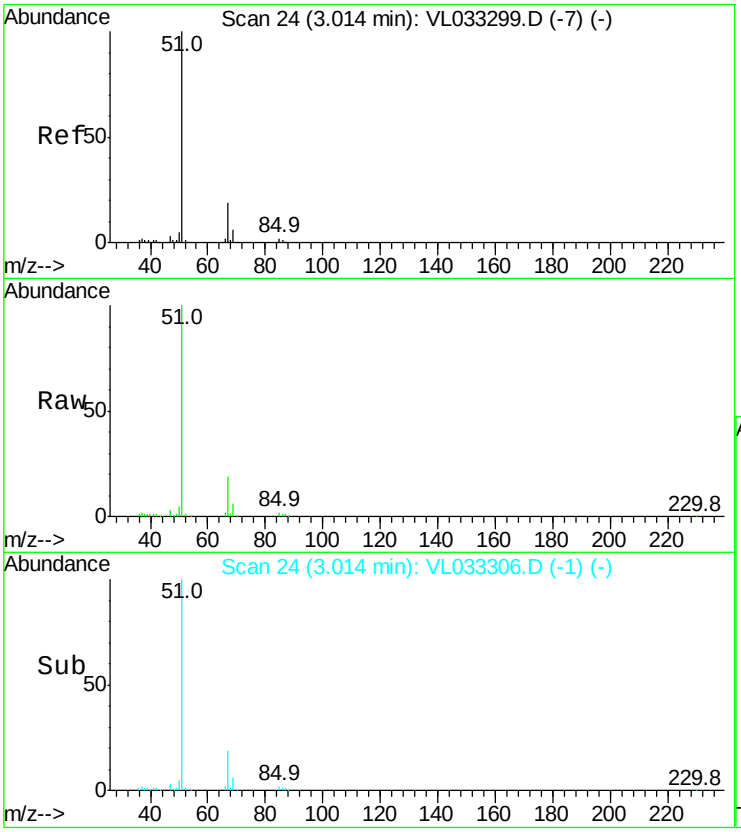


#2
Dichlorodifluoromethane
Concen: 11.903 ppbv
RT: 3.08 min Scan# 44
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Tgt Ion: 85 Resp: 1519741

Ion	Ratio	Lower	Upper
85	100		
87	33.3	25.8	38.8



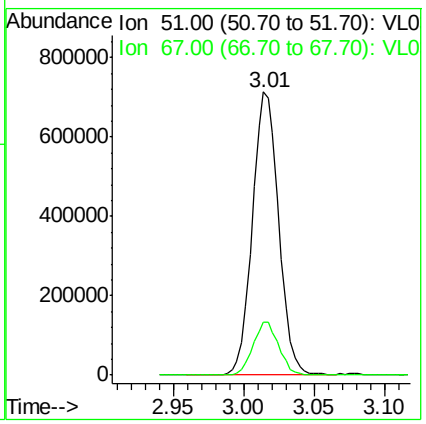


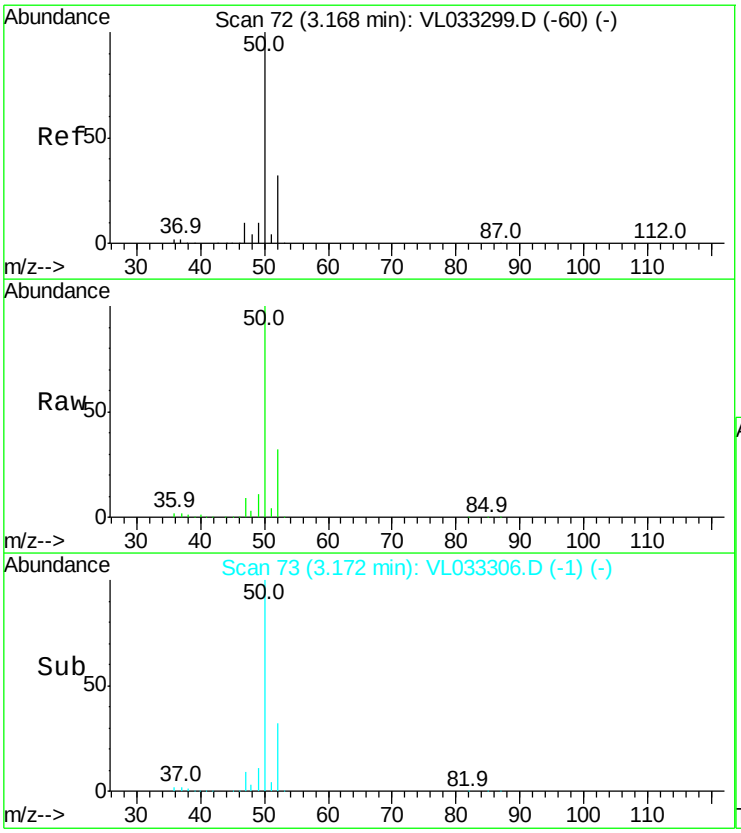
#3
Chlorodifluoromethane
Concen: 9.489 ppbv
RT: 3.01 min Scan# 24
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 51 Resp: 930743

Ion	Ratio	Lower	Upper
51	100		
67	18.6	14.9	22.3

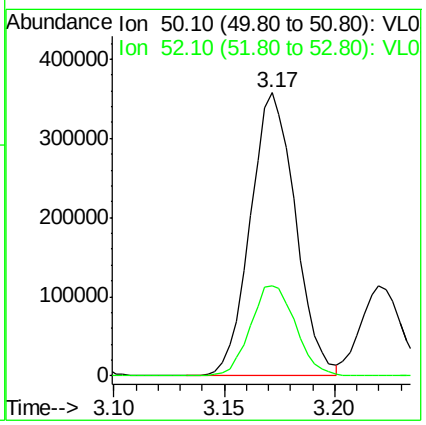


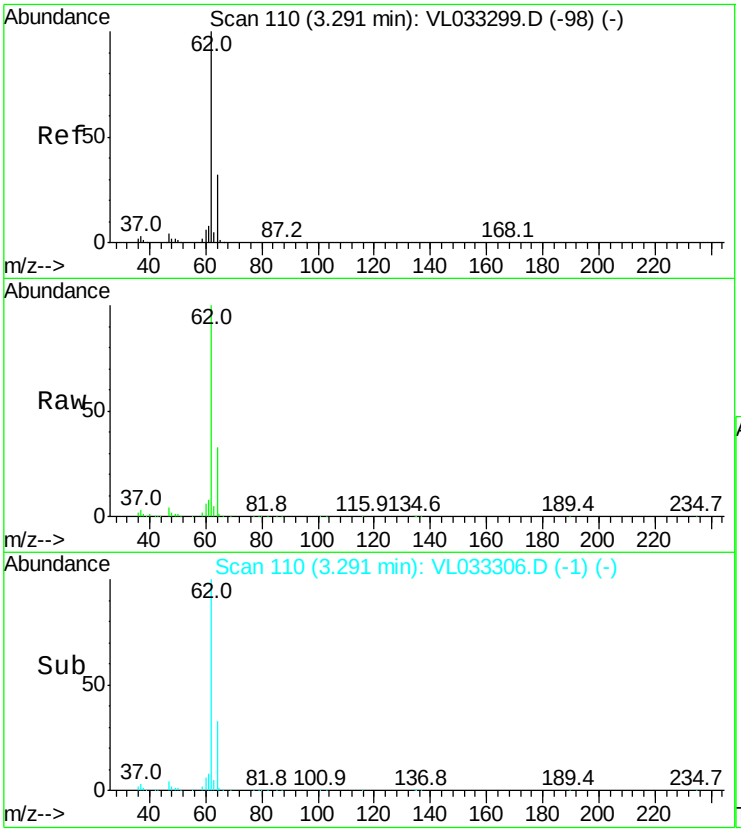


#4
Chloromethane
Concen: 9.580 ppbv
RT: 3.17 min Scan# 73
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Tgt Ion: 50 Resp: 505552

Ion	Ratio	Lower	Upper
50	100		
52	31.9	25.7	38.5



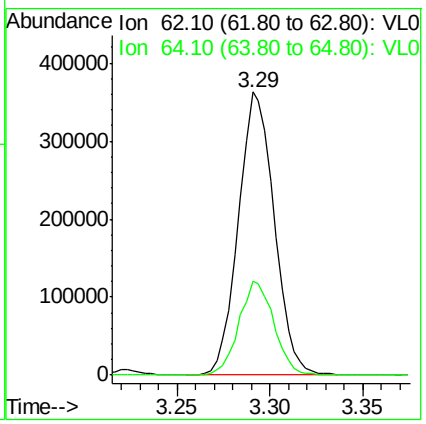


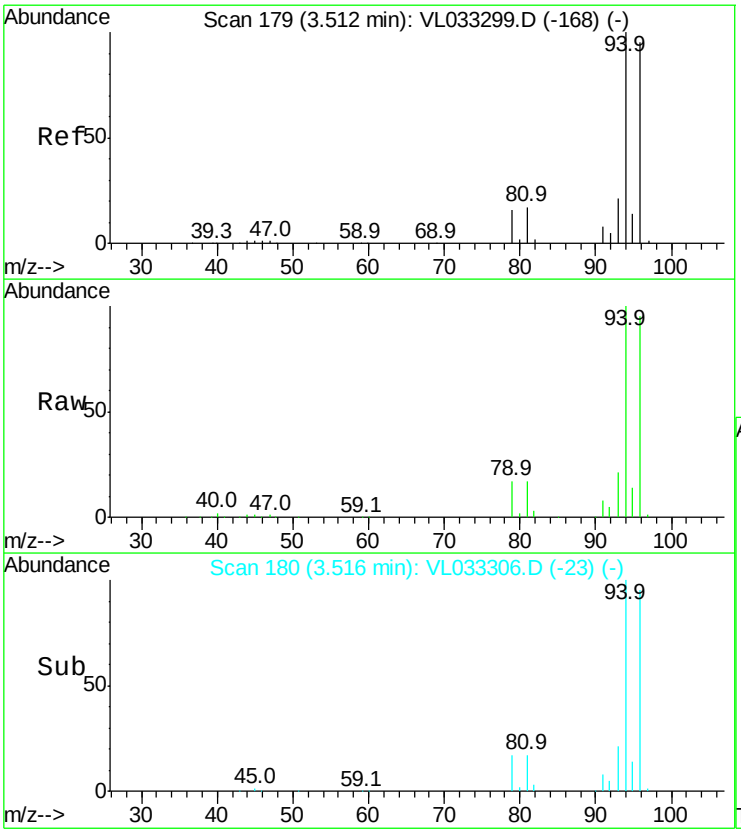
#5
Vinyl Chloride
Concen: 9.144 ppbv
RT: 3.29 min Scan# 110
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 62 Resp: 486606

Ion	Ratio	Lower	Upper
62	100		
64	33.4	25.5	38.3

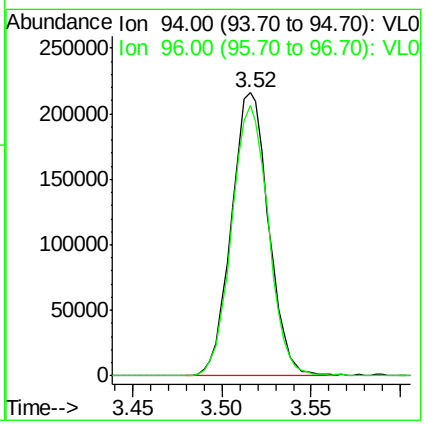


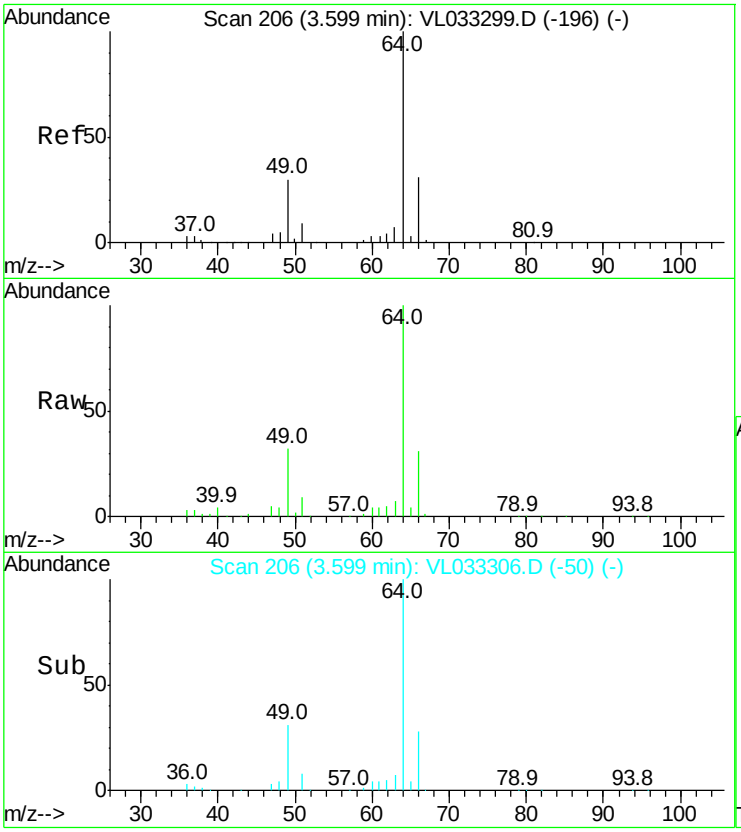


#6
Bromomethane
Concen: 9.871 ppbv
RT: 3.52 min Scan# 180
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Tgt Ion: 94 Resp: 313402

Ion	Ratio	Lower	Upper
94	100		
96	95.4	76.2	114.4



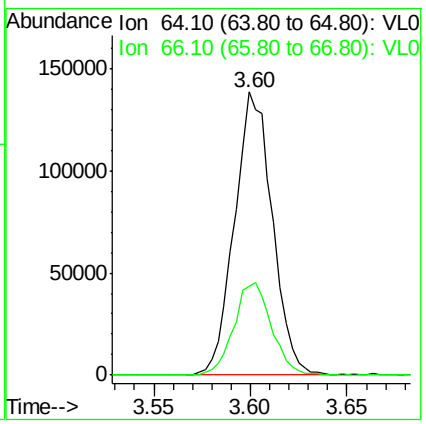


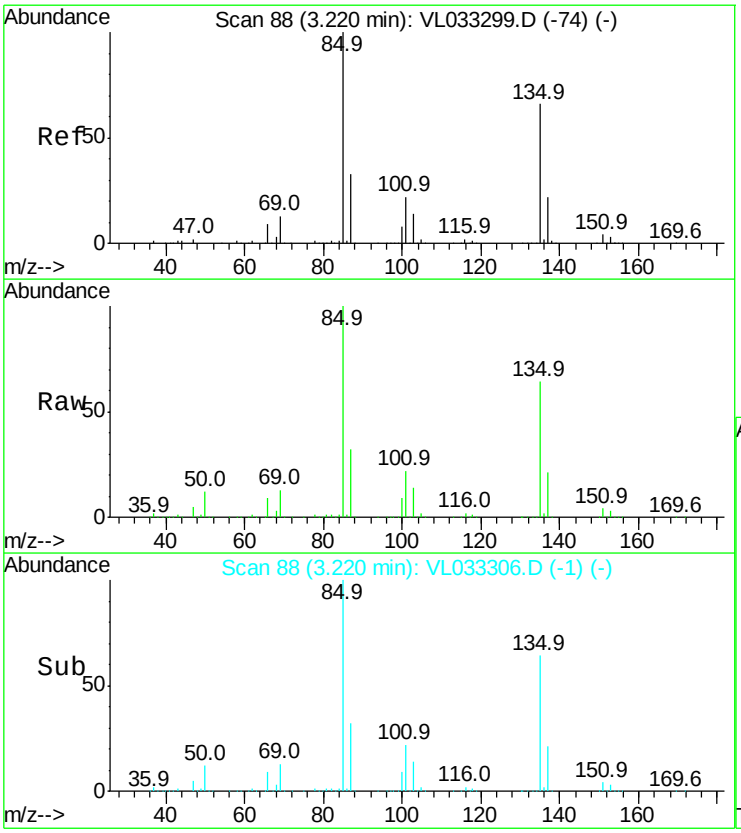
#7
Chloroethane
Concen: 9.975 ppbv
RT: 3.60 min Scan# 206
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 64 Resp: 188394

Ion	Ratio	Lower	Upper
64	100		
66	31.3	24.9	37.3

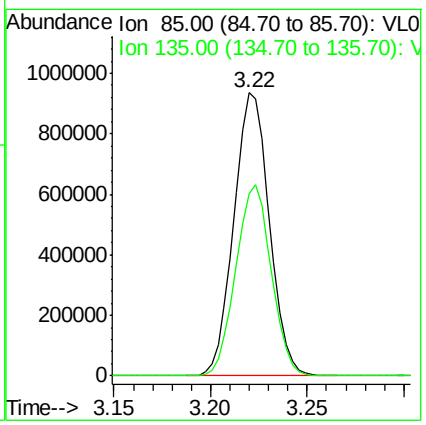


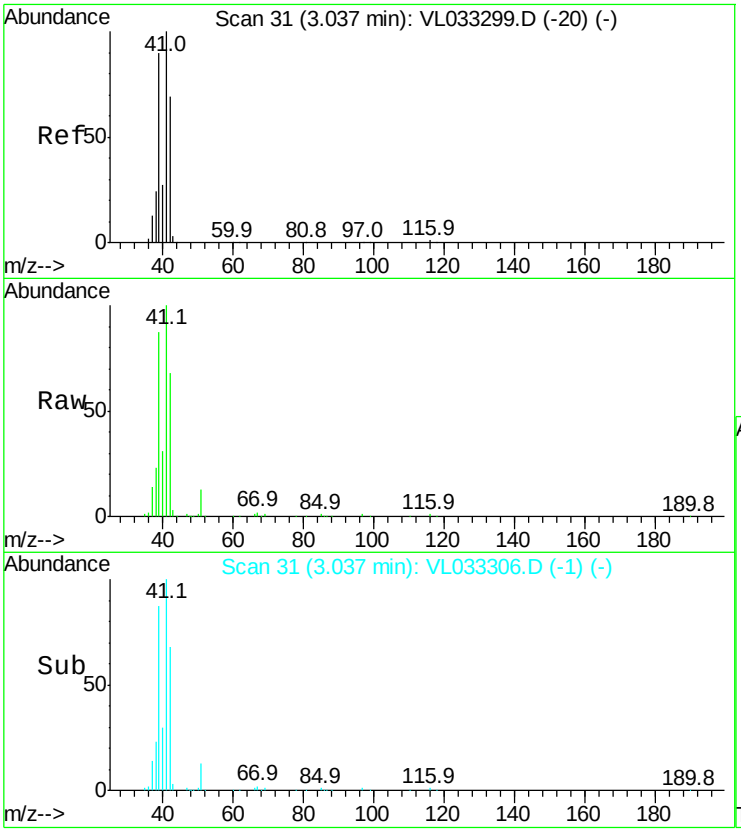


#8
Dichlorotetrafluoroethane
Concen: 9.390 ppbv
RT: 3.22 min Scan# 88
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Tgt Ion: 85 Resp: 1192208

Ion	Ratio	Lower	Upper
85	100		
135	67.7	52.9	79.3



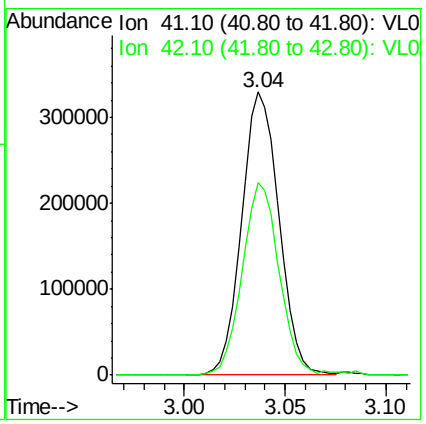


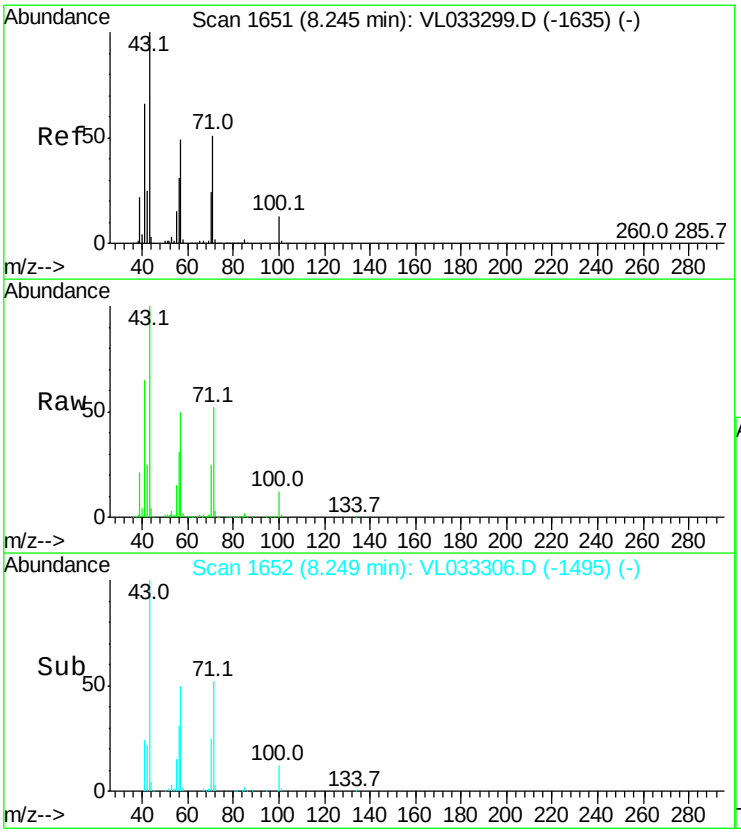
#9
Propene
Concen: 9.731 ppbv
RT: 3.04 min Scan# 31
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 41 Resp: 428369

Ion	Ratio	Lower	Upper
41	100		
42	67.9	54.4	81.6

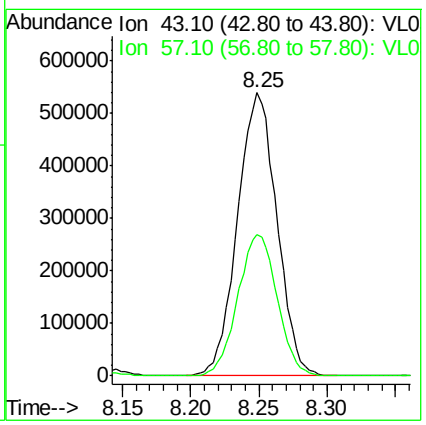


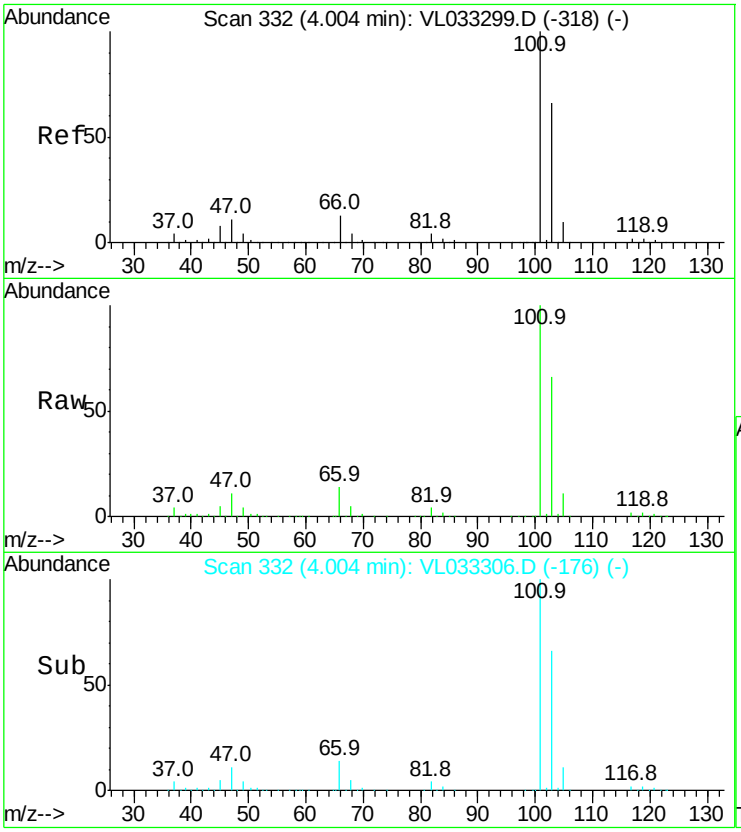


#10
Heptane
Concen: 9.959 ppbv
RT: 8.25 min Scan# 1652
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Tgt Ion: 43 Resp: 1072965

Ion	Ratio	Lower	Upper
43	100		
57	50.5	39.6	59.4



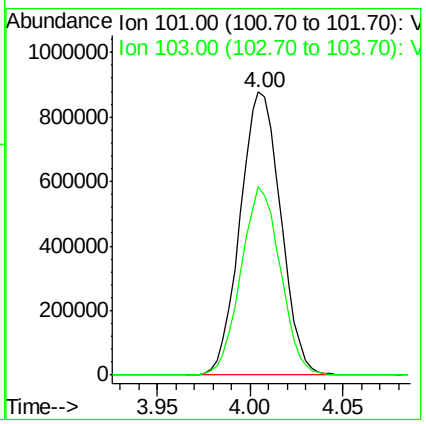


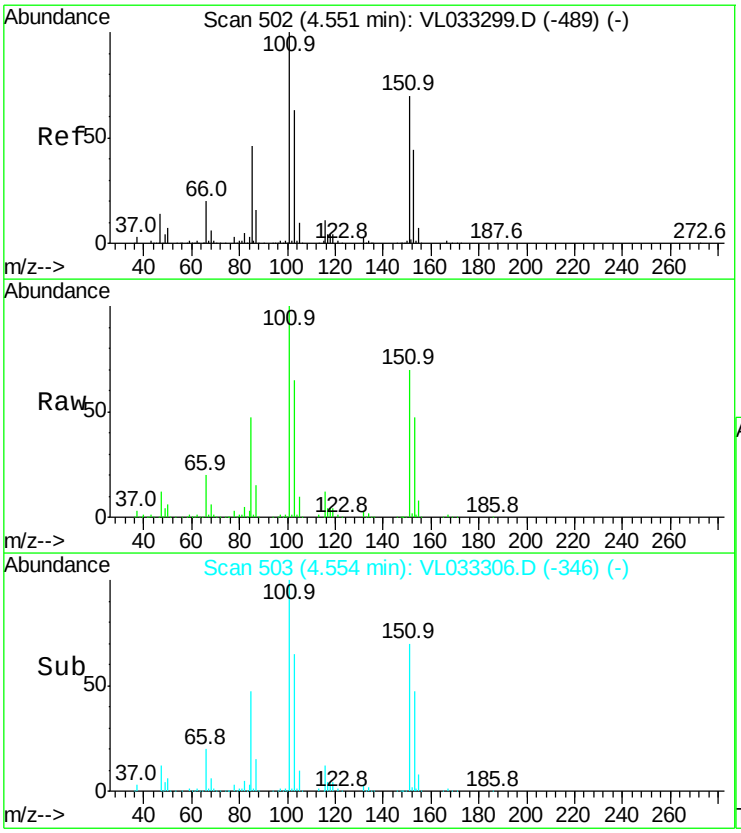
#11
Trichlorofluoromethane
Concen: 9.592 ppbv
RT: 4.00 min Scan# 332
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:101 Resp: 1335104

Ion	Ratio	Lower	Upper
101	100		
103	66.4	52.5	78.7

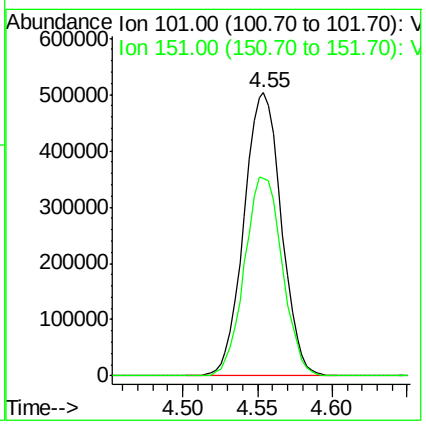


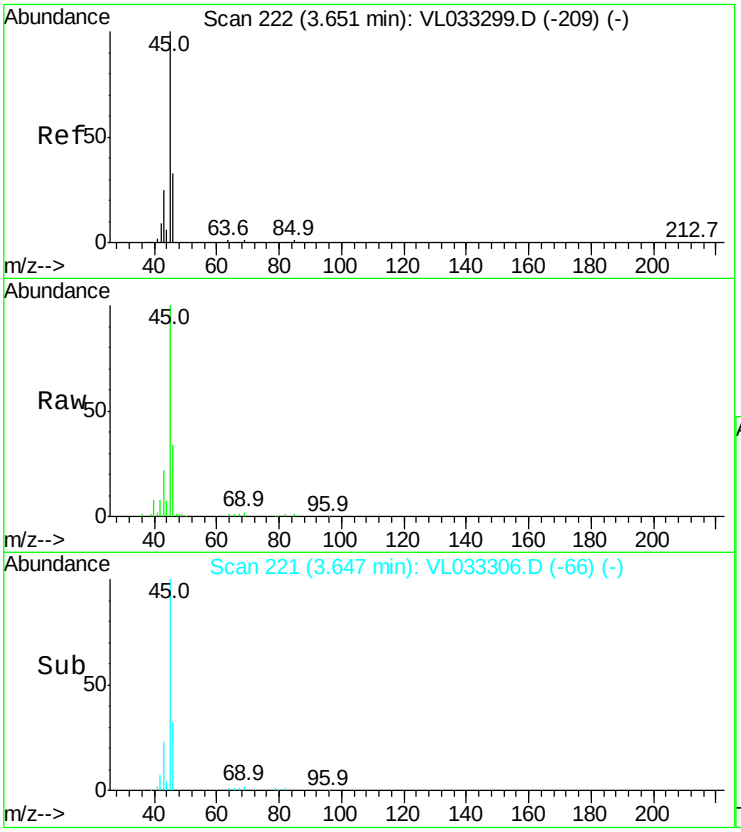


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.312 ppbv
RT: 4.55 min Scan# 503
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Tgt Ion:101 Resp: 875959

Ion	Ratio	Lower	Upper
101	100		
151	71.3	57.2	85.8



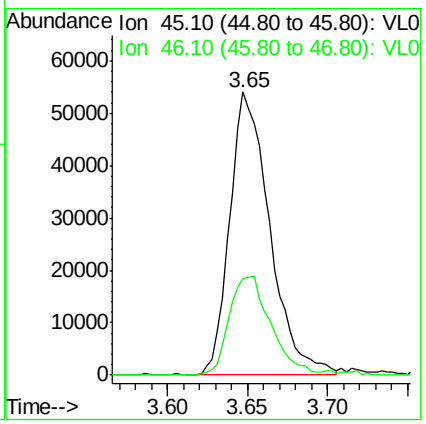


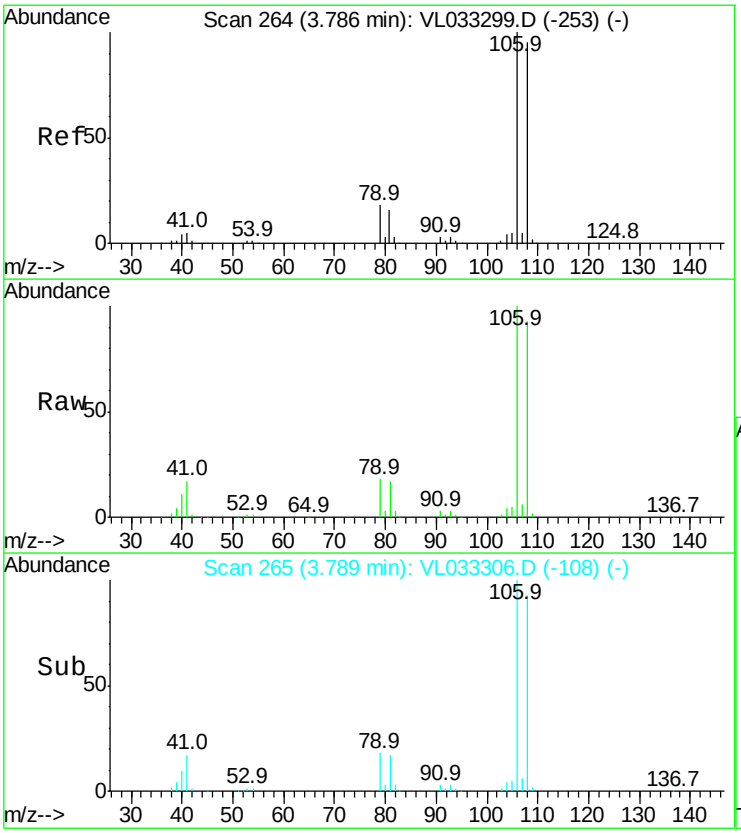
#13
Ethanol
Concen: 6.785 ppbv
RT: 3.65 min Scan# 221
Delta R.T. -0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 45 Resp: 92222

Ion	Ratio	Lower	Upper
45	100		
46	37.1	14.9	59.5

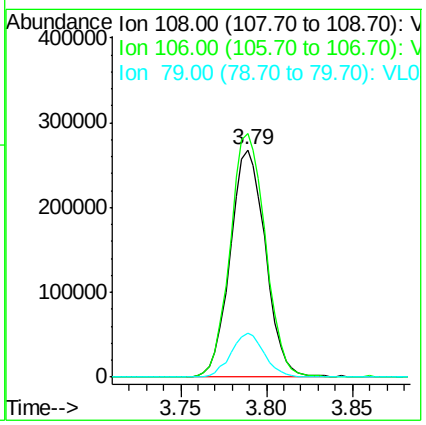


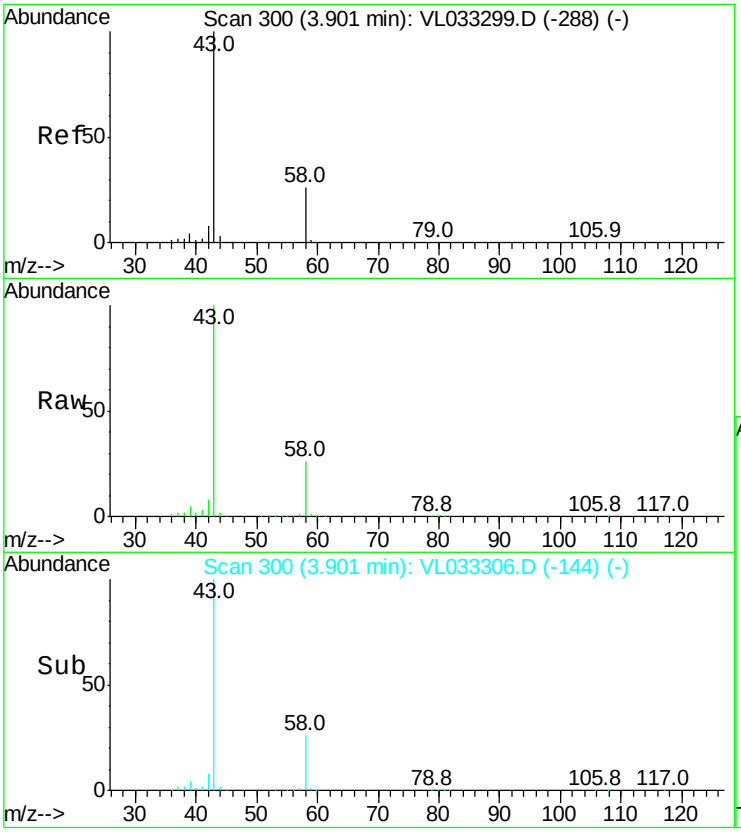


#14
Bromoethene
Concen: 9.787 ppbv
RT: 3.79 min Scan# 265
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Tgt Ion:108 Resp: 382637

Ion	Ratio	Lower	Upper
108	100		
106	107.8	85.1	127.7
79	18.5	15.0	22.6



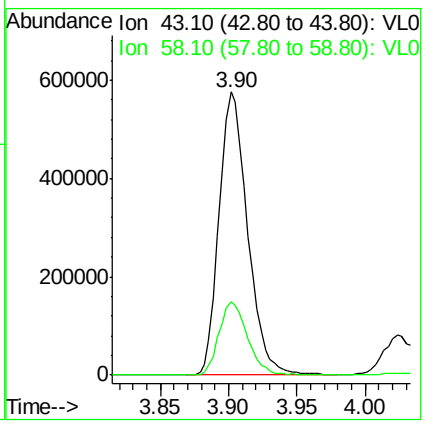


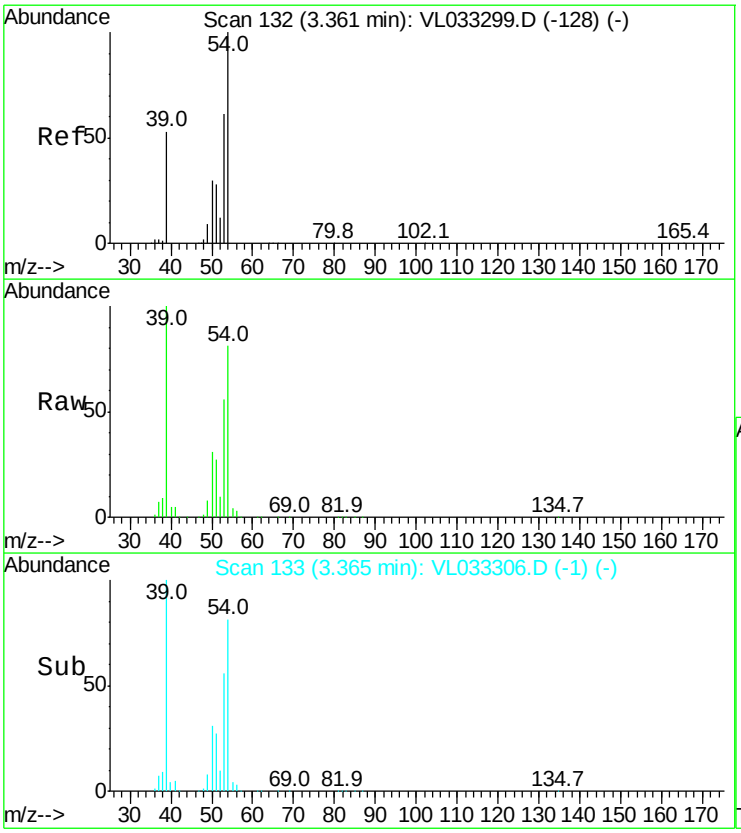
#15
Acetone
Concen: 8.110 ppbv
RT: 3.90 min Scan# 300
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 841035

Ion	Ratio	Lower	Upper
43	100		
58	25.9	20.6	31.0

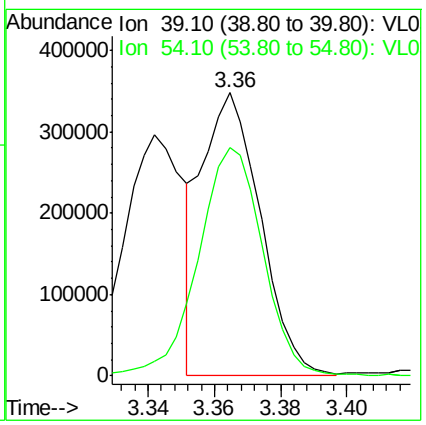


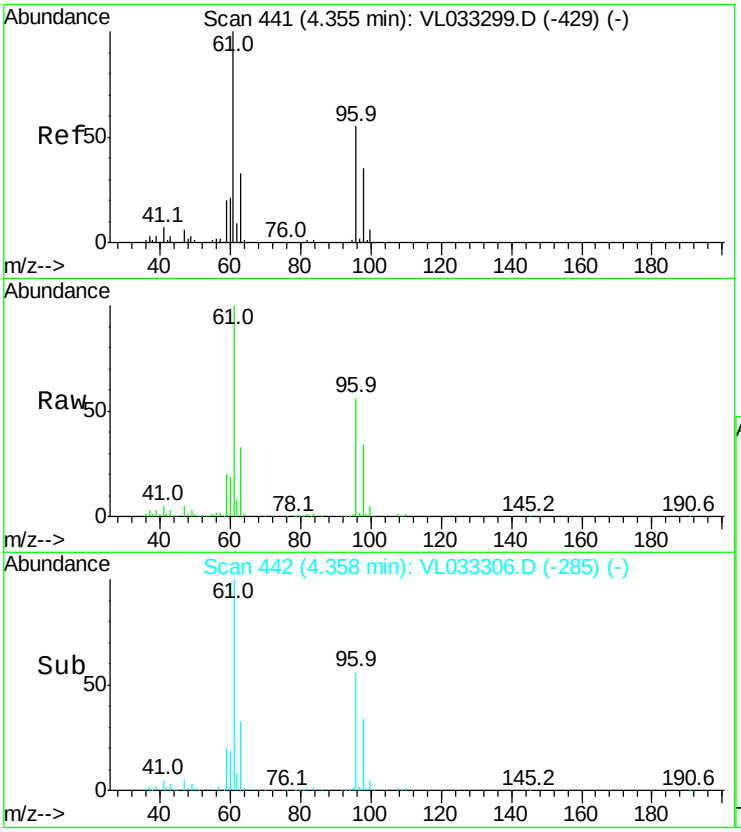


#16
1,3-Butadiene
Concen: 9.950 ppbv
RT: 3.36 min Scan# 133
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Tgt Ion: 39 Resp: 423480

Ion	Ratio	Lower	Upper
39	100		
54	90.2	68.4	102.6



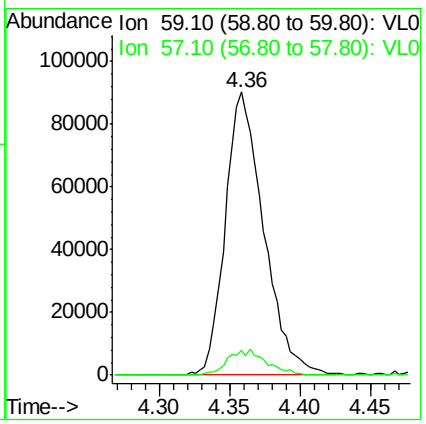


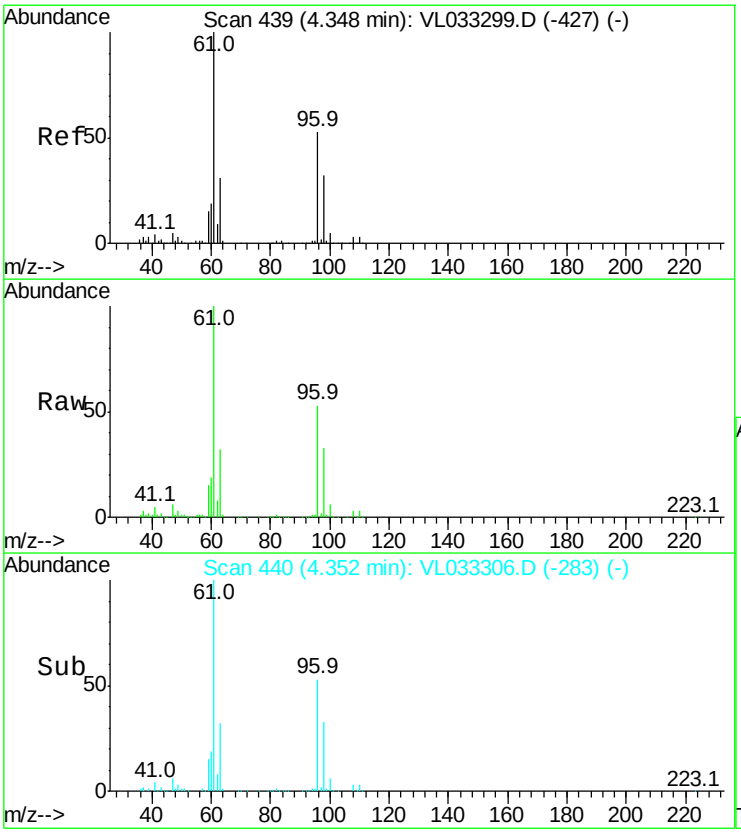
#17
tert-Butyl alcohol
Concen: 9.539 ppbv
RT: 4.36 min Scan# 442
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 59 Resp: 172076

Ion	Ratio	Lower	Upper
59	100		
57	9.2	7.4	11.2

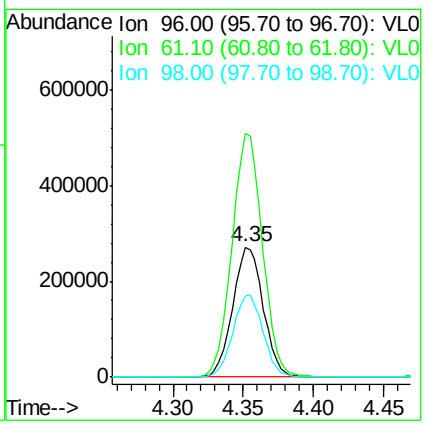


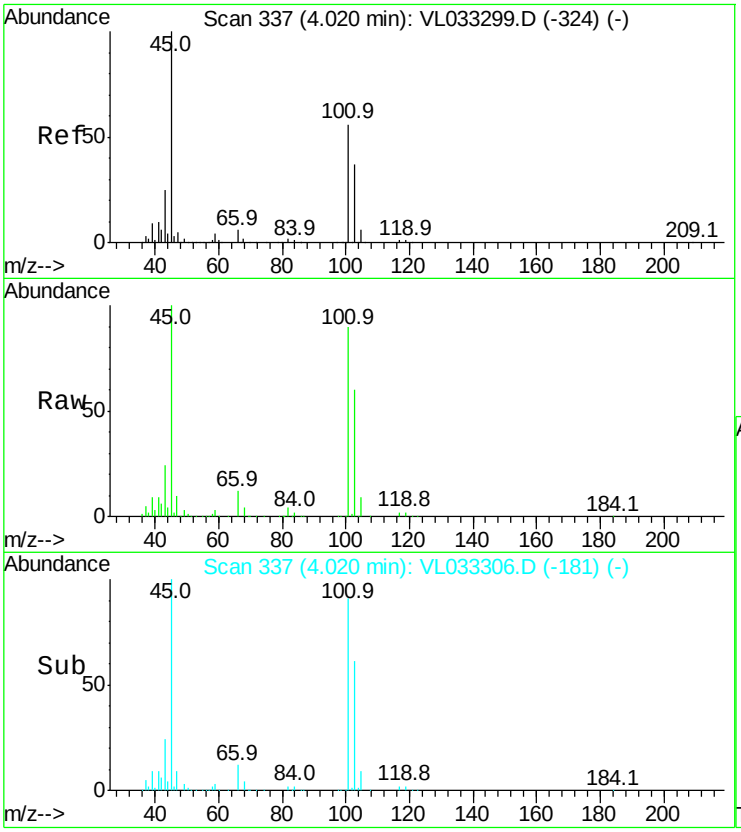


#18
1,1-Dichloroethene
Concen: 10.033 ppbv
RT: 4.35 min Scan# 440
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Tgt Ion: 96 Resp: 412226

Ion	Ratio	Lower	Upper
96	100		
61	187.4	152.3	228.5
98	62.2	48.6	72.8



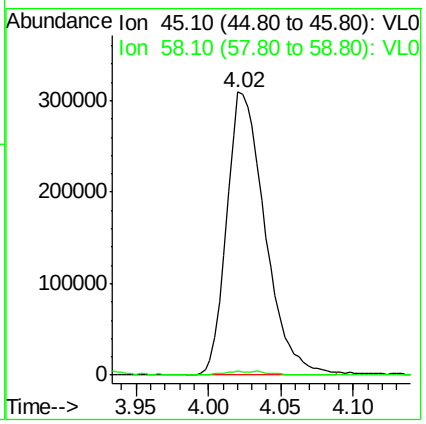


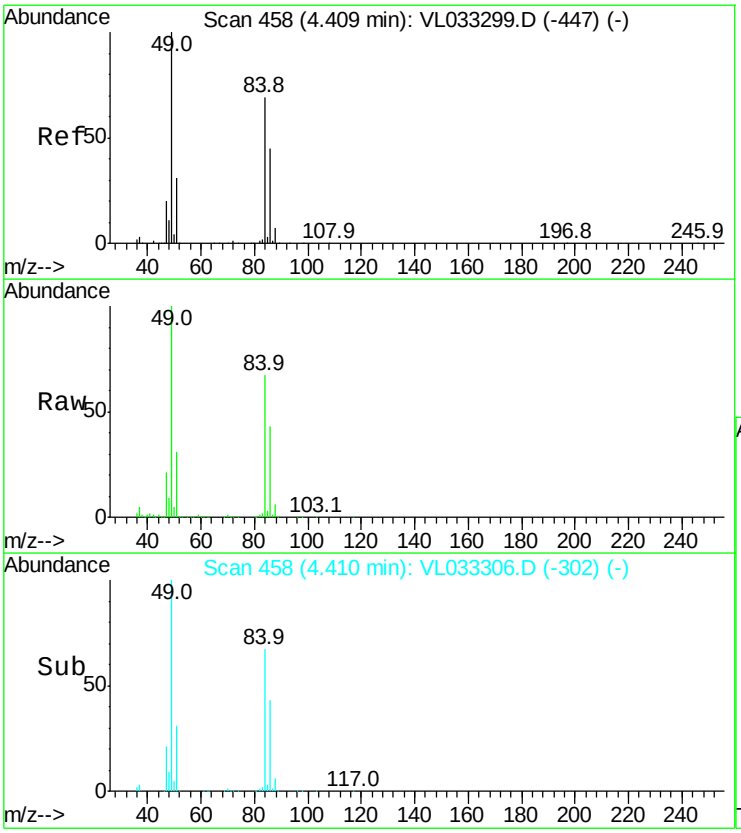
#19
Isopropyl Alcohol
Concen: 8.839 ppbv
RT: 4.02 min Scan# 337
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 567725

Ion	Ratio	Lower	Upper
45	100		
58	1.7	1.4	2.0

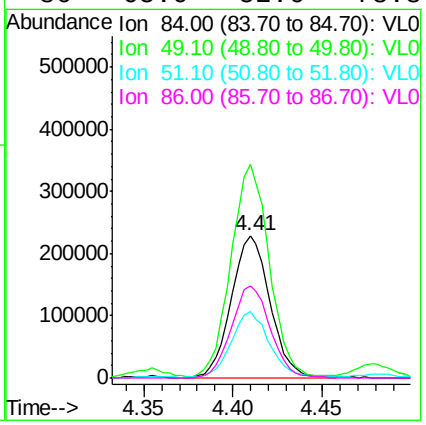


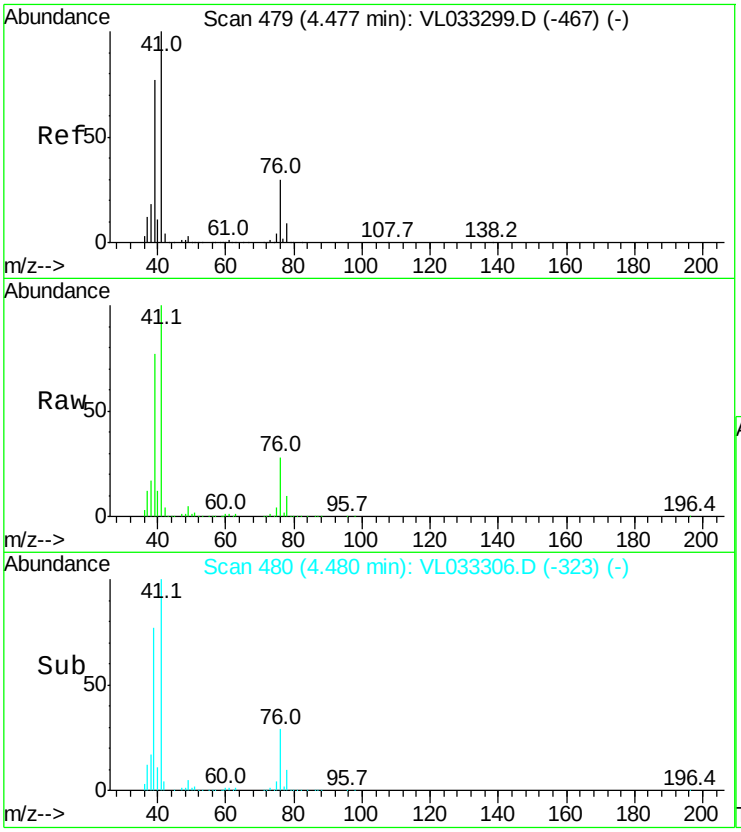


#20
Methylene Chloride
Concen: 8.255 ppbv
RT: 4.41 min Scan# 458
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Tgt Ion: 84 Resp: 344243

Ion	Ratio	Lower	Upper
84	100		
49	149.6	115.4	173.2
51	46.2	35.7	53.5
86	65.0	52.6	78.8



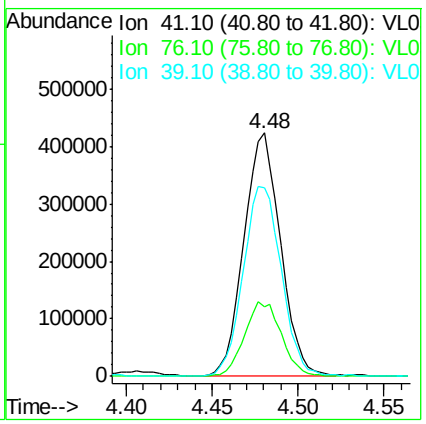


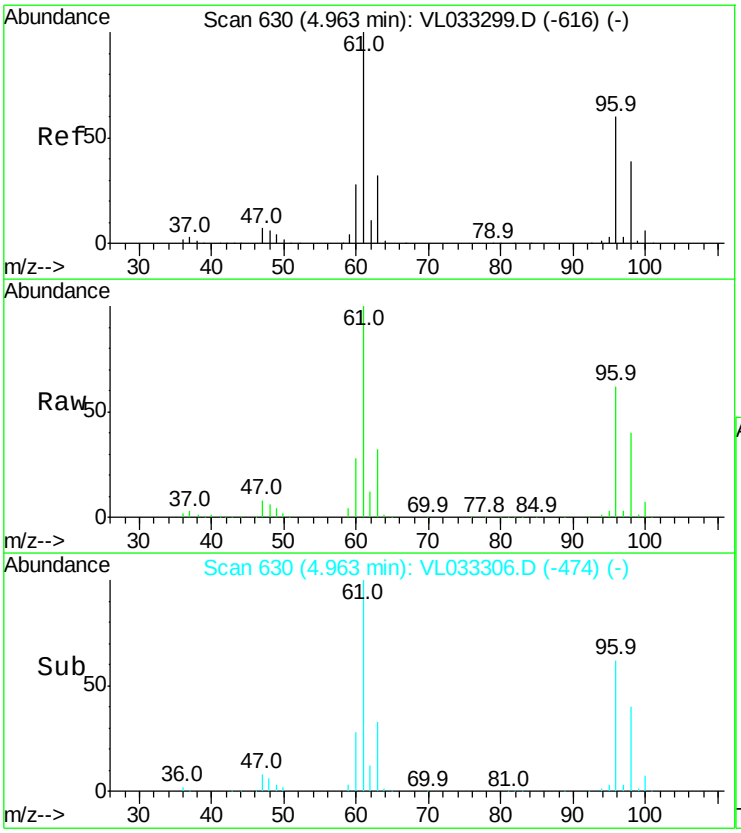
#21
Allyl Chloride
Concen: 10.105 ppbv
RT: 4.48 min Scan# 480
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 41 Resp: 626016

Ion	Ratio	Lower	Upper
41	100		
76	31.0	24.3	36.5
39	81.8	64.4	96.6

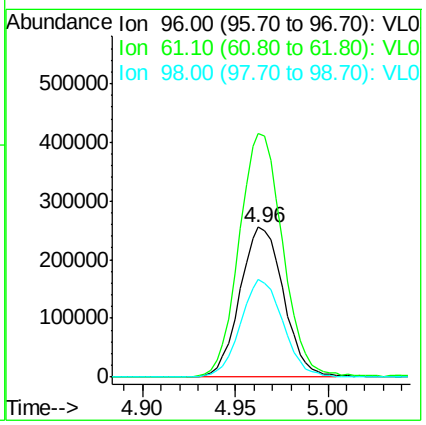


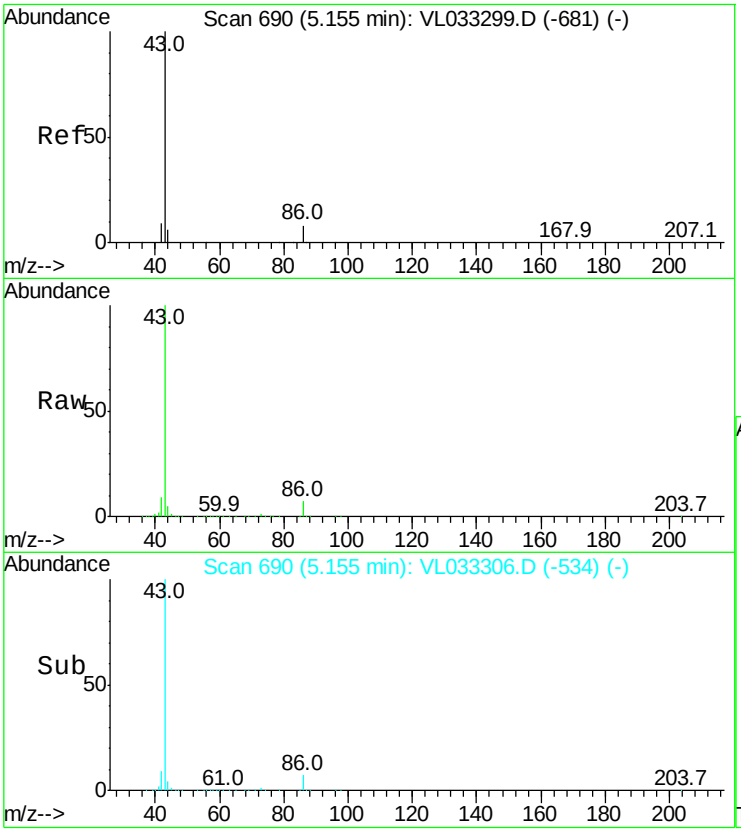


#22
trans-1,2-Dichloroethene
Concen: 10.022 ppbv
RT: 4.96 min Scan# 630
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Tgt Ion: 96 Resp: 417454

Ion	Ratio	Lower	Upper
96	100		
61	162.4	132.7	199.1
98	65.3	52.4	78.6



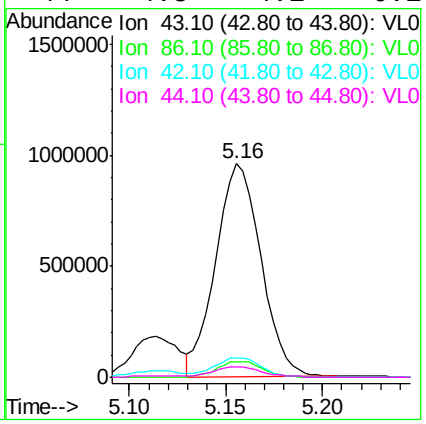


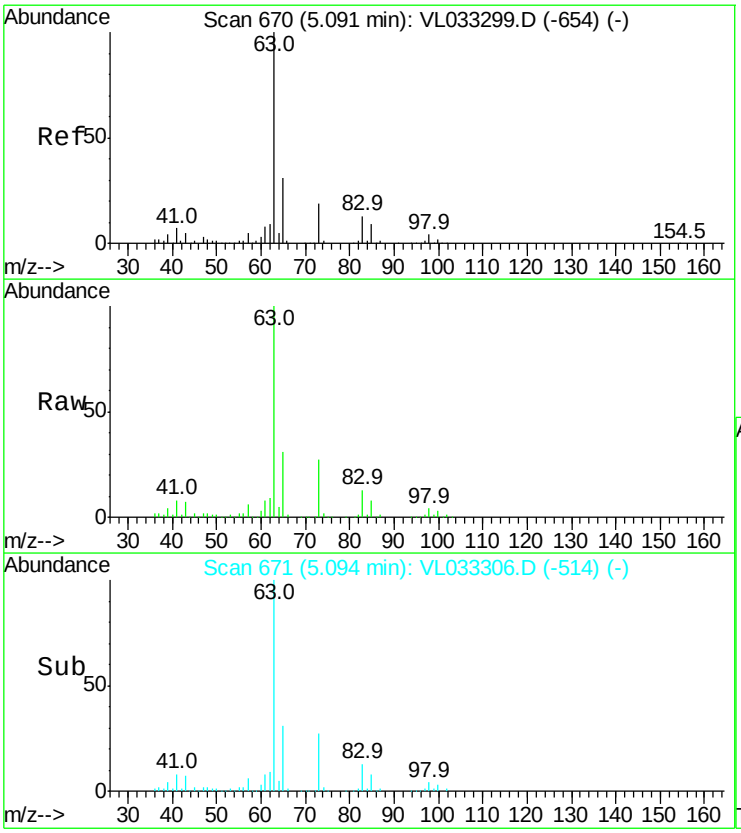
#23
Vinyl Acetate
Concen: 10.495 ppbv
RT: 5.16 min Scan# 690
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 1558019

Ion	Ratio	Lower	Upper
43	100		
86	7.0	5.8	8.8
42	9.0	7.8	11.8
44	4.8	4.1	6.1

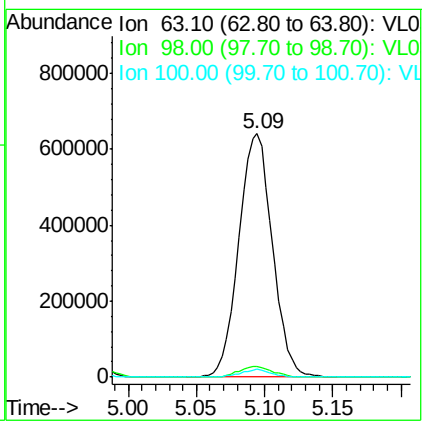


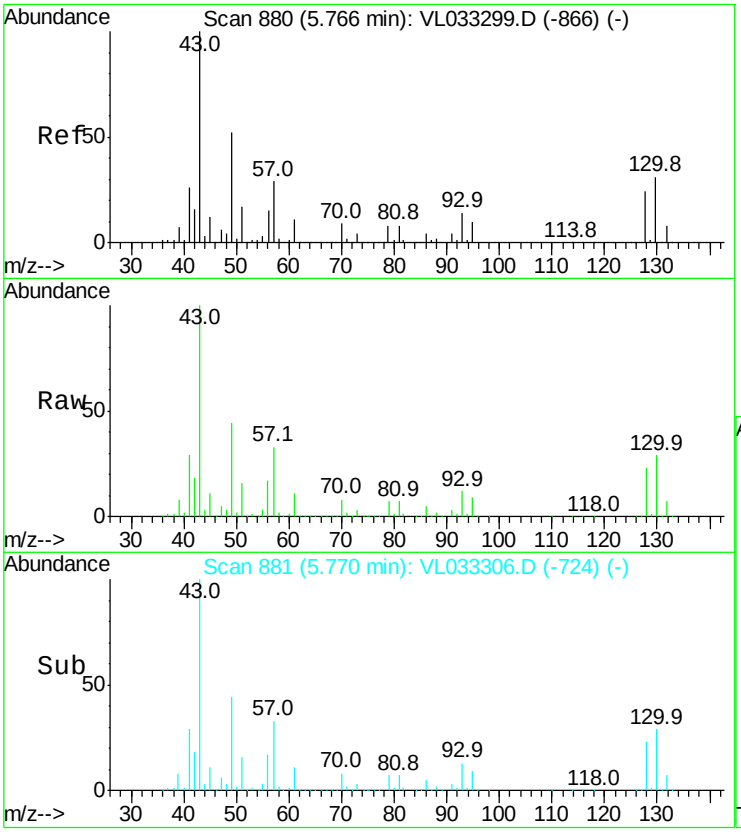


#24
1,1-Dichloroethane
Concen: 10.225 ppbv
RT: 5.09 min Scan# 671
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Tgt Ion: 63 Resp: 1094297

Ion	Ratio	Lower	Upper
63	100		
98	4.4	2.3	6.8
100	3.1	1.3	3.8



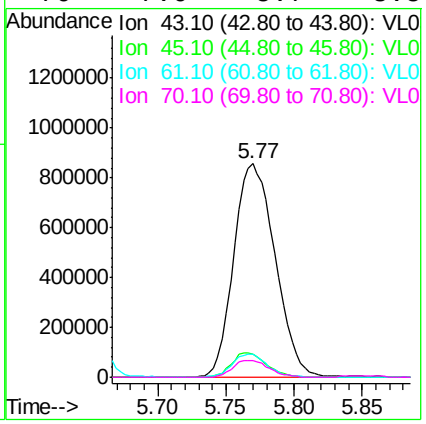


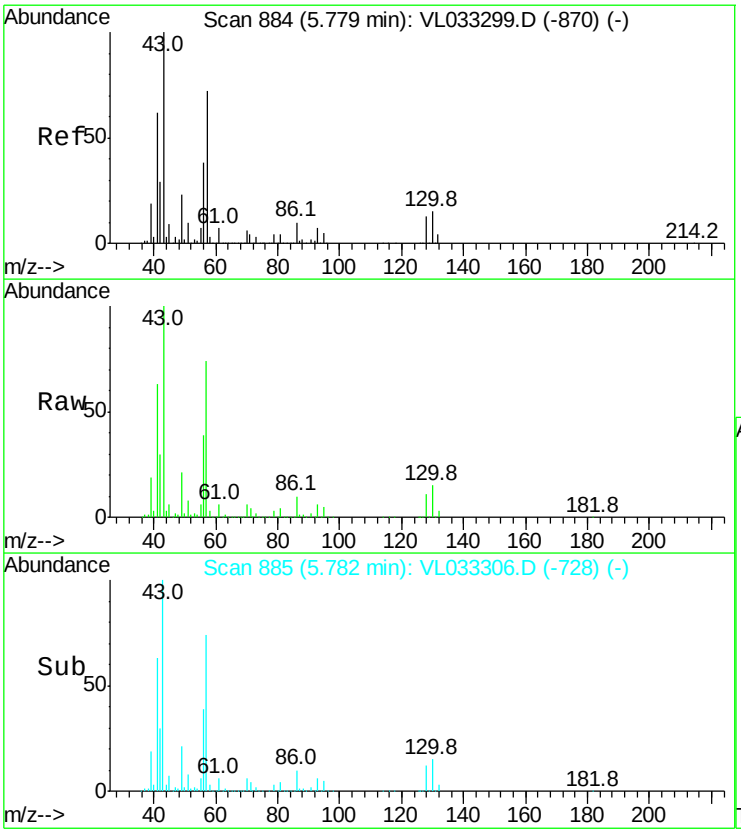
#25
Ethyl Acetate
Concen: 9.582 ppbv
RT: 5.77 min Scan# 881
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 1797890

Ion	Ratio	Lower	Upper
43	100		
45	9.8	8.0	12.0
61	9.2	7.5	11.3
70	7.0	5.7	8.5

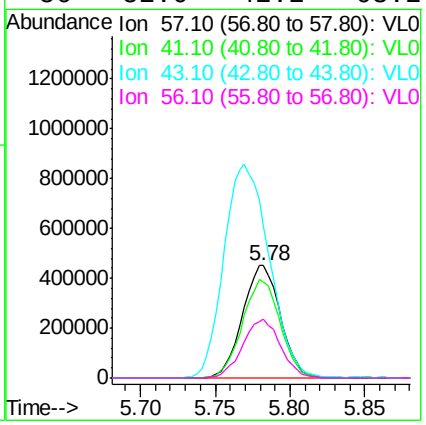


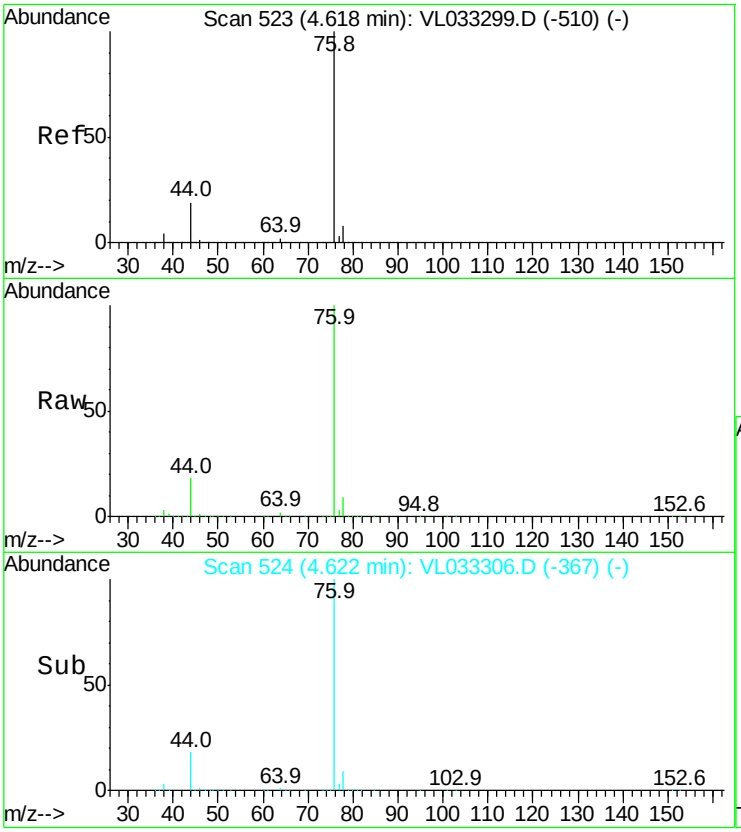


#26
Hexane
Concen: 9.066 ppbv
RT: 5.78 min Scan# 885
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Tgt Ion: 57 Resp: 796751

Ion	Ratio	Lower	Upper
57	100		
41	87.7	71.6	107.4
43	226.9	179.2	268.8
56	52.0	42.2	63.2



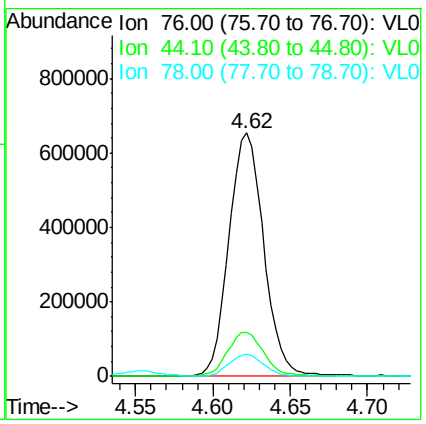


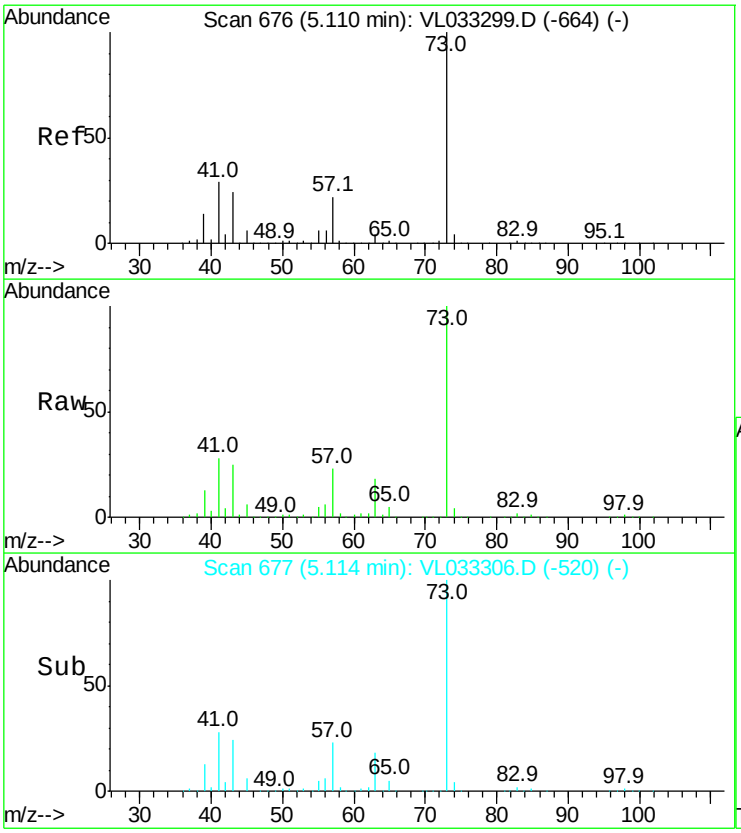
#27
Carbon Disulfide
Concen: 10.928 ppbv
RT: 4.62 min Scan# 524
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 76 Resp: 1020123

Ion	Ratio	Lower	Upper
76	100		
44	18.4	14.7	22.1
78	9.1	7.3	10.9

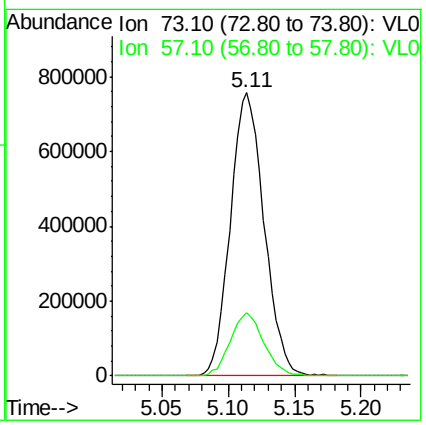


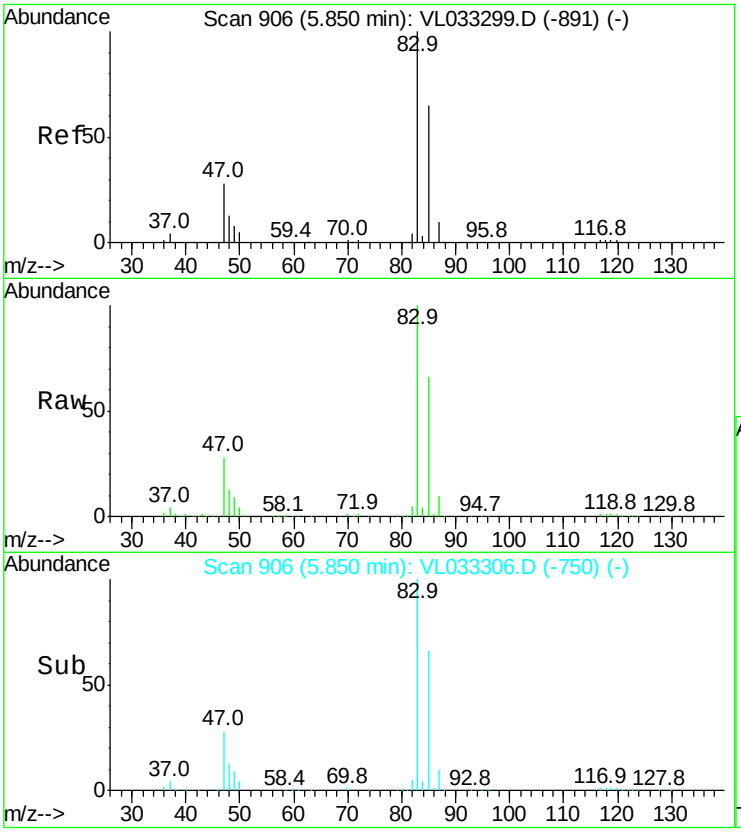


#28
Methyl tert-Butyl Ether
Concen: 10.768 ppbv
RT: 5.11 min Scan# 677
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Tgt Ion: 73 Resp: 1337302

Ion	Ratio	Lower	Upper
73	100		
57	22.3	17.4	26.0



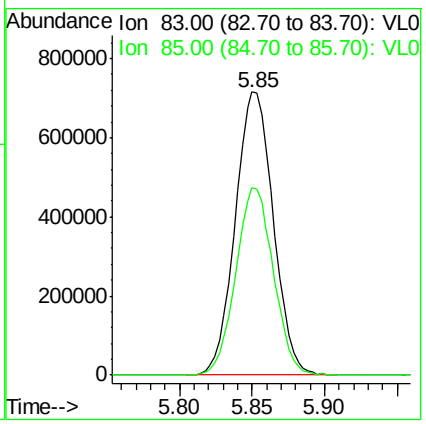


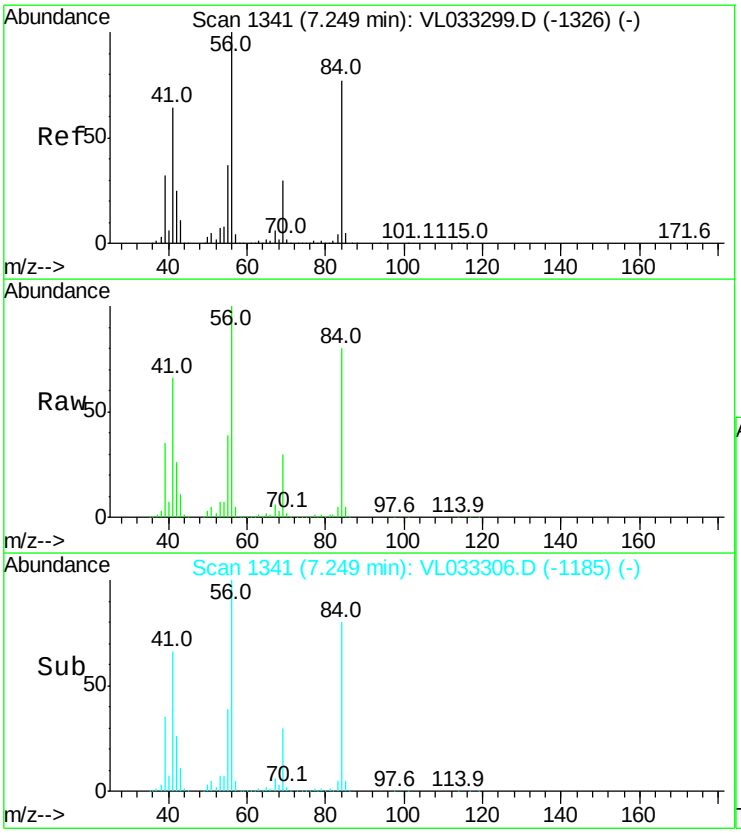
#29
Chloroform
Concen: 9.539 ppbv
RT: 5.85 min Scan# 906
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 83 Resp: 1301996

Ion	Ratio	Lower	Upper
83	100		
85	66.0	52.2	78.4

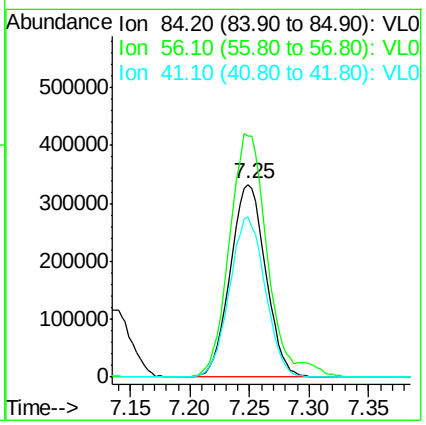


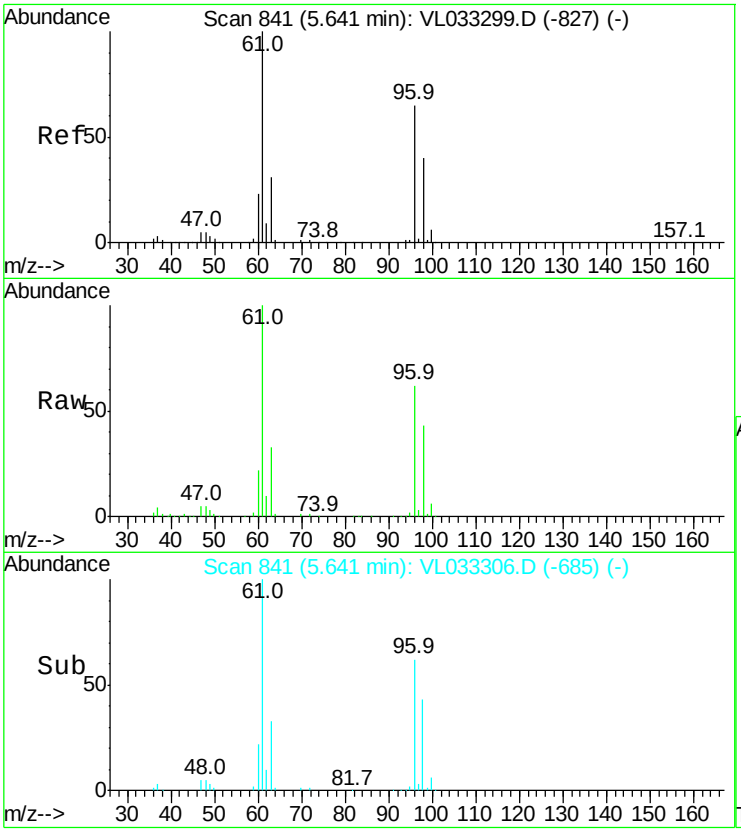


#30
Cyclohexane
Concen: 10.155 ppbv
RT: 7.25 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Tgt Ion: 84 Resp: 688411

Ion	Ratio	Lower	Upper
84	100		
56	135.3	109.8	164.8
41	83.3	68.1	102.1



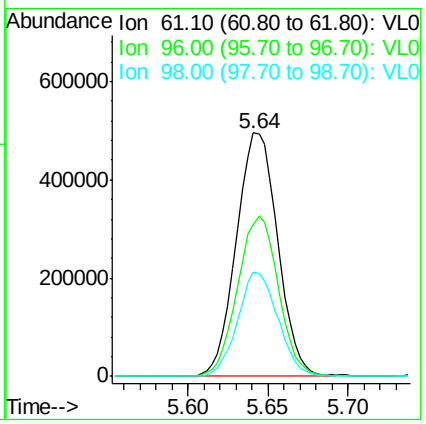


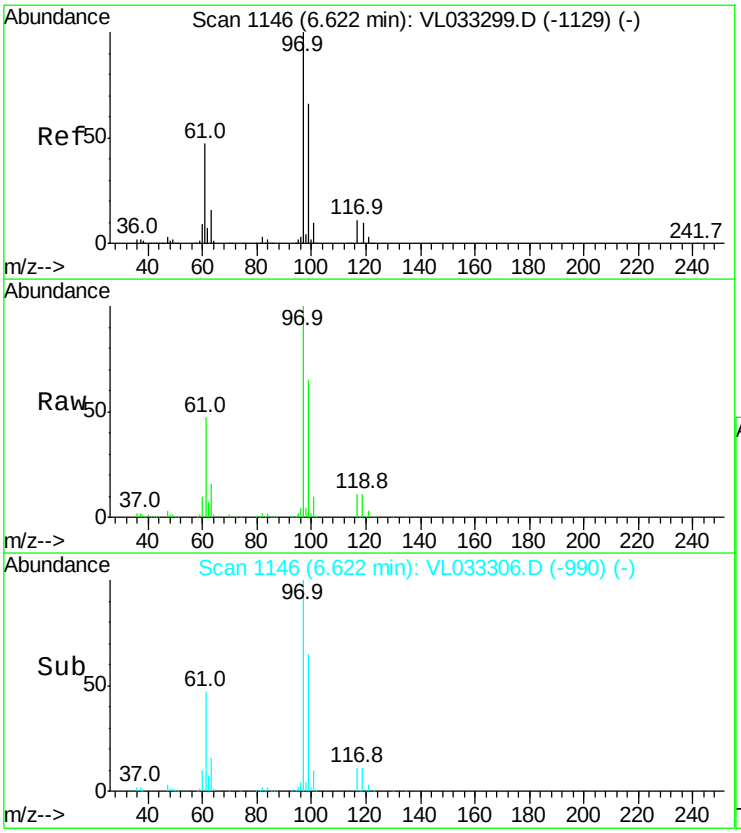
#31
cis-1,2-Dichloroethene
Concen: 10.443 ppbv
RT: 5.64 min Scan# 841
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 61 Resp: 873355

Ion	Ratio	Lower	Upper
61	100		
96	62.3	51.8	77.6
98	42.5	32.3	48.5

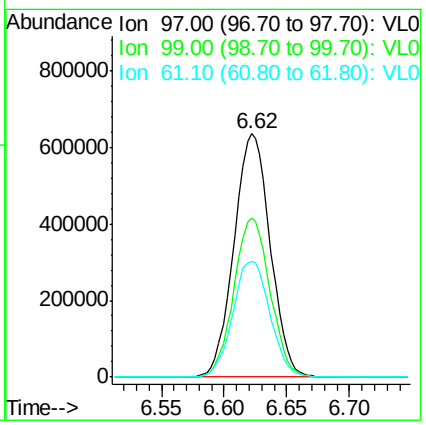


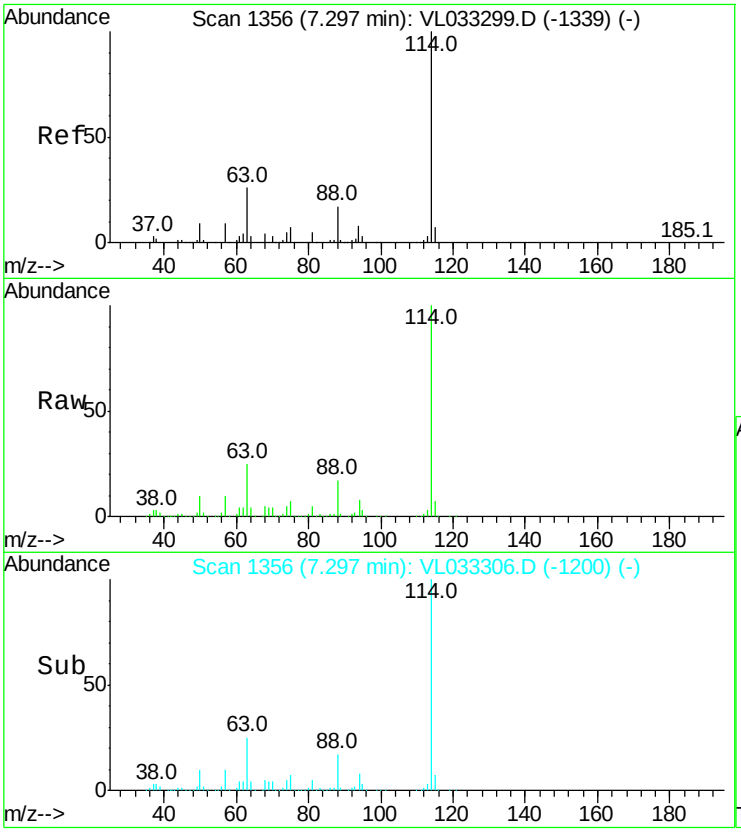


#32
1,1,1-Trichloroethane
Concen: 9.583 ppbv
RT: 6.62 min Scan# 1146
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Tgt Ion: 97 Resp: 1276600

Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.6	77.4
61	48.8	39.4	59.2



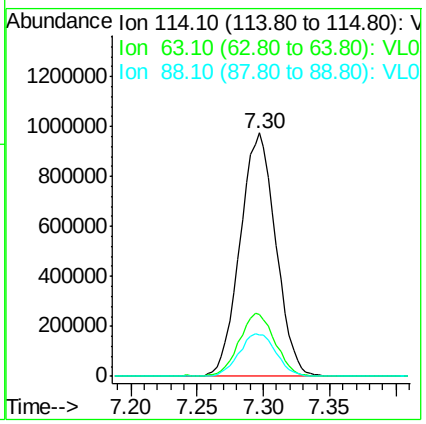


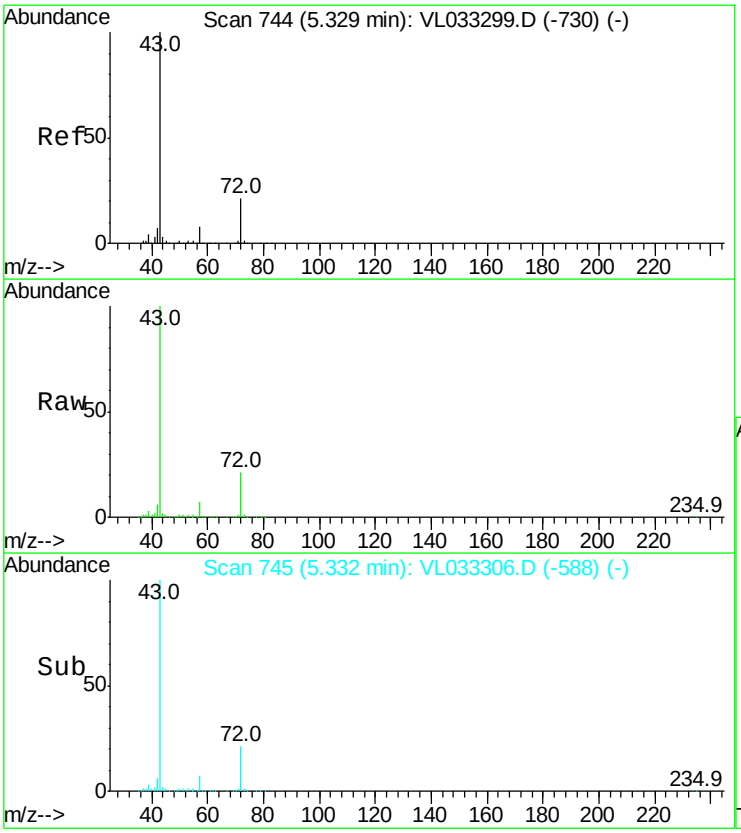
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1356
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:114 Resp: 1824315

Ion	Ratio	Lower	Upper
114	100		
63	26.2	21.3	31.9
88	18.0	14.5	21.7

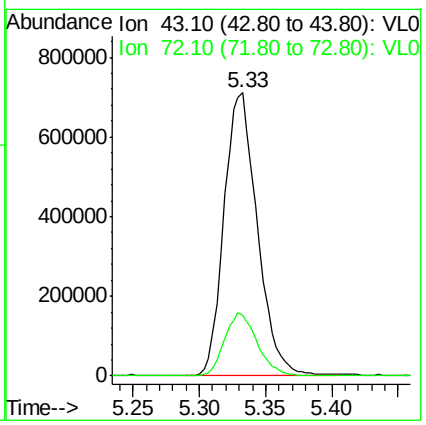


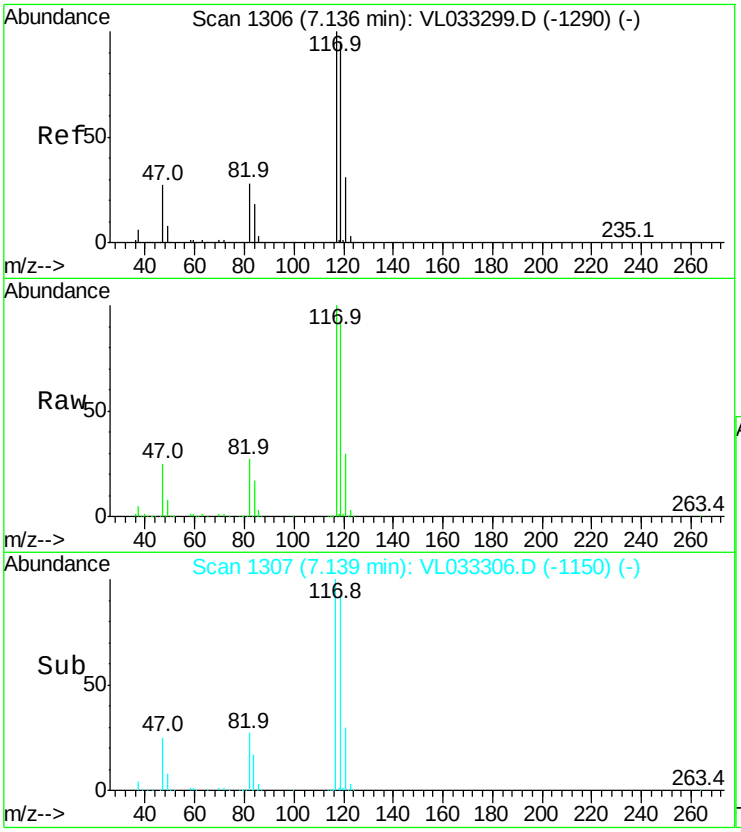


#34
2-Butanone
Concen: 9.954 ppbv
RT: 5.33 min Scan# 745
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Tgt Ion: 43 Resp: 1237712

Ion	Ratio	Lower	Upper
43	100		
72	22.0	17.2	25.8



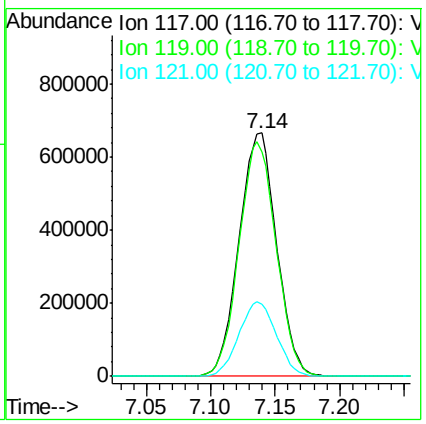


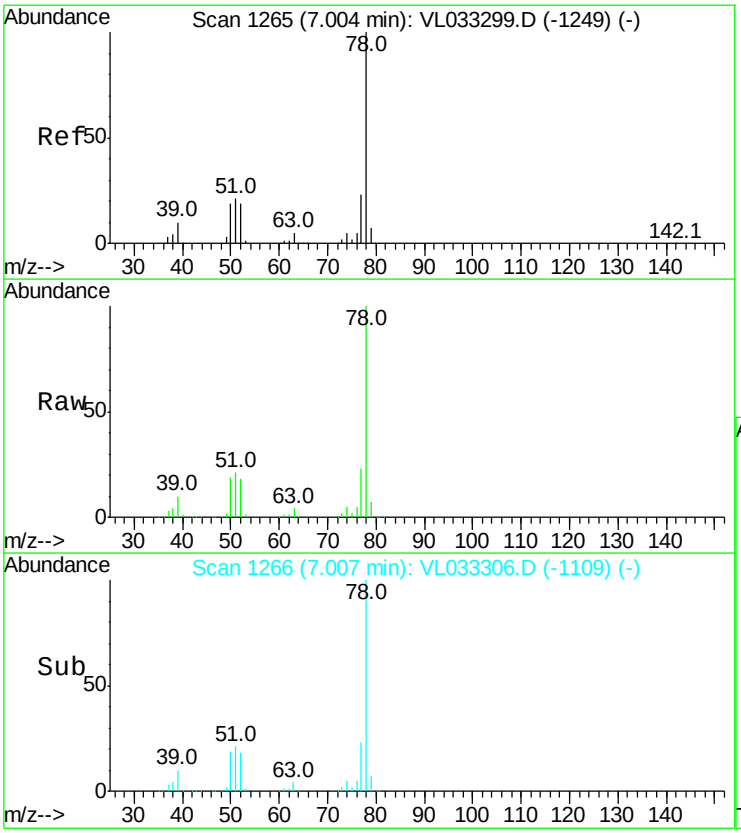
#35
Carbon Tetrachloride
Concen: 9.676 ppbv
RT: 7.14 min Scan# 1307
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:117 Resp: 1352081

Ion	Ratio	Lower	Upper
117	100		
119	92.4	75.9	113.9
121	29.8	25.2	37.8

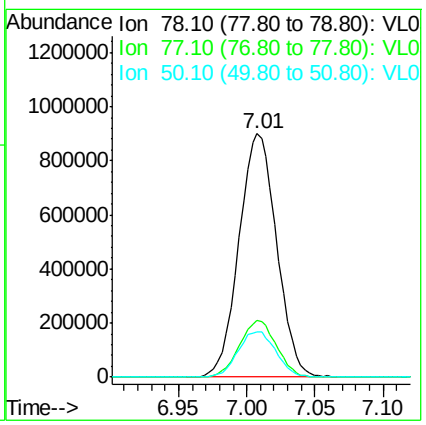


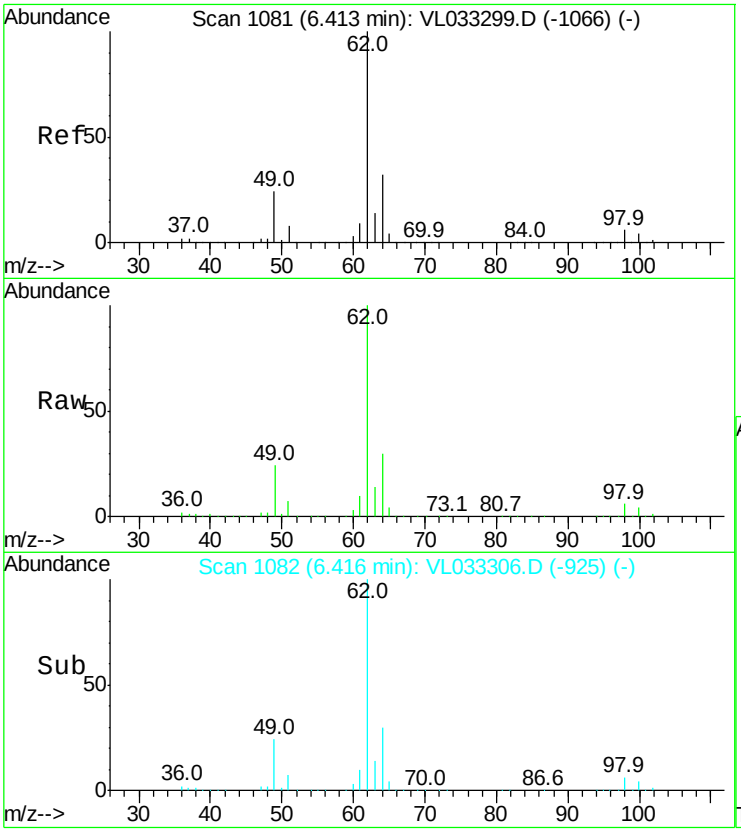


#36
Benzene
Concen: 9.682 ppbv
RT: 7.01 min Scan# 1266
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Tgt Ion: 78 Resp: 1721639

Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.6	28.0
50	18.7	15.2	22.8



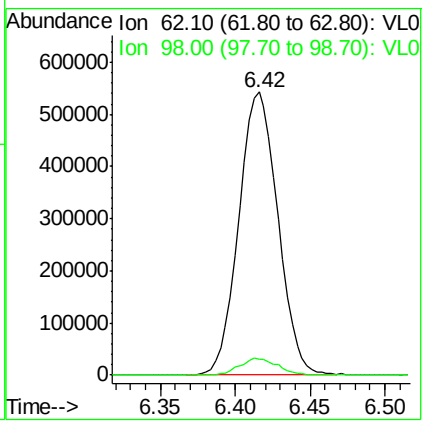


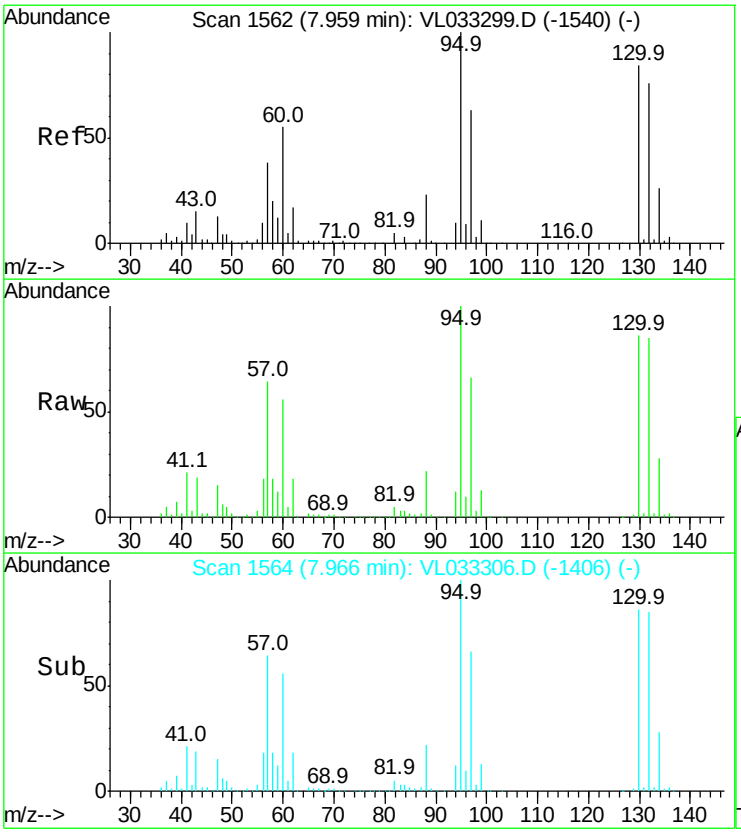
#37
1,2-Dichloroethane
Concen: 9.206 ppbv
RT: 6.42 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 62 Resp: 988905

Ion	Ratio	Lower	Upper
62	100		
98	5.8	4.4	6.6

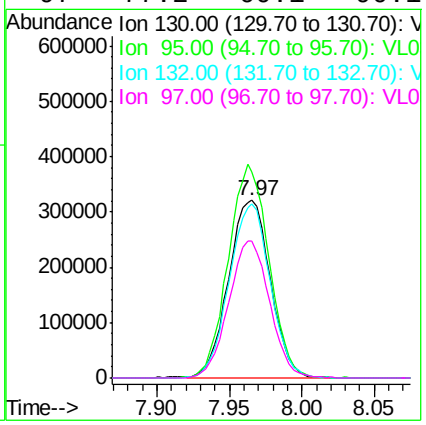


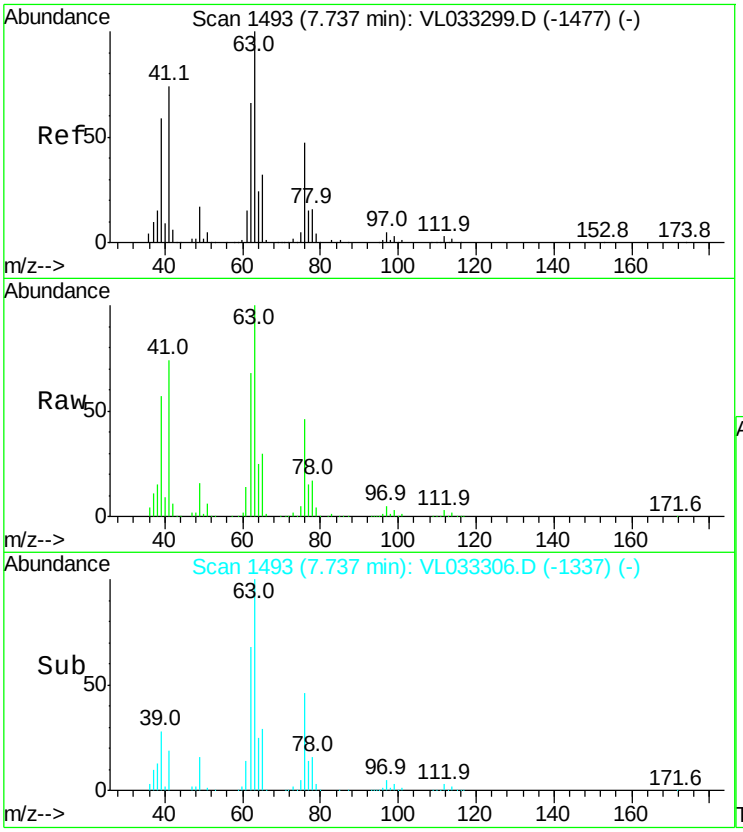


#38
Trichloroethene
Concen: 9.001 ppbv
RT: 7.97 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Tgt Ion:130 Resp: 636490

Ion	Ratio	Lower	Upper
130	100		
95	116.5	95.2	142.8
132	98.6	72.5	108.7
97	77.2	60.1	90.1



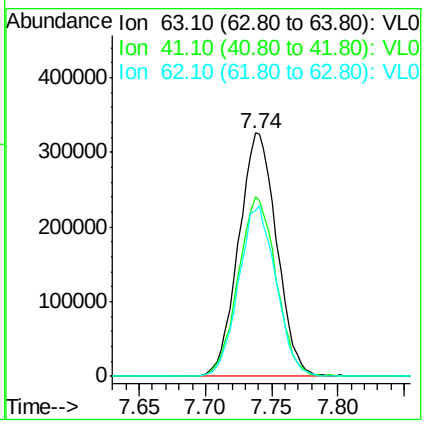


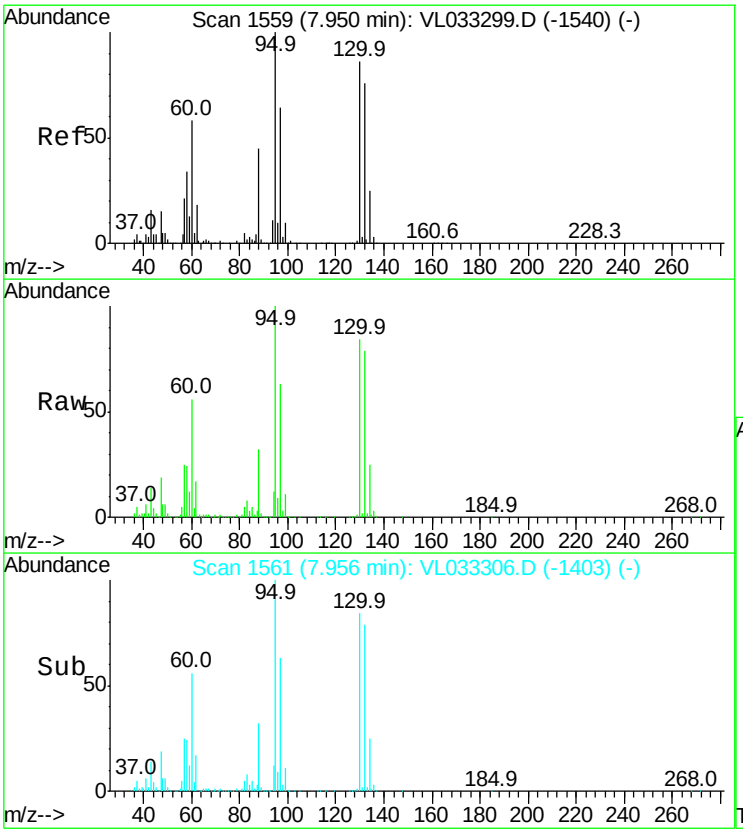
#39
1,2-Dichloropropane
Concen: 9.529 ppbv
RT: 7.74 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 63 Resp: 650278

Ion	Ratio	Lower	Upper
63	100		
41	73.8	59.0	88.4
62	67.8	53.0	79.4

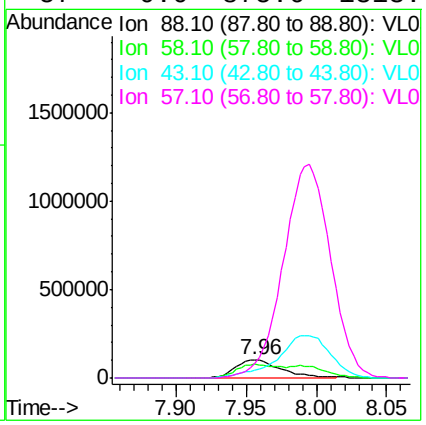


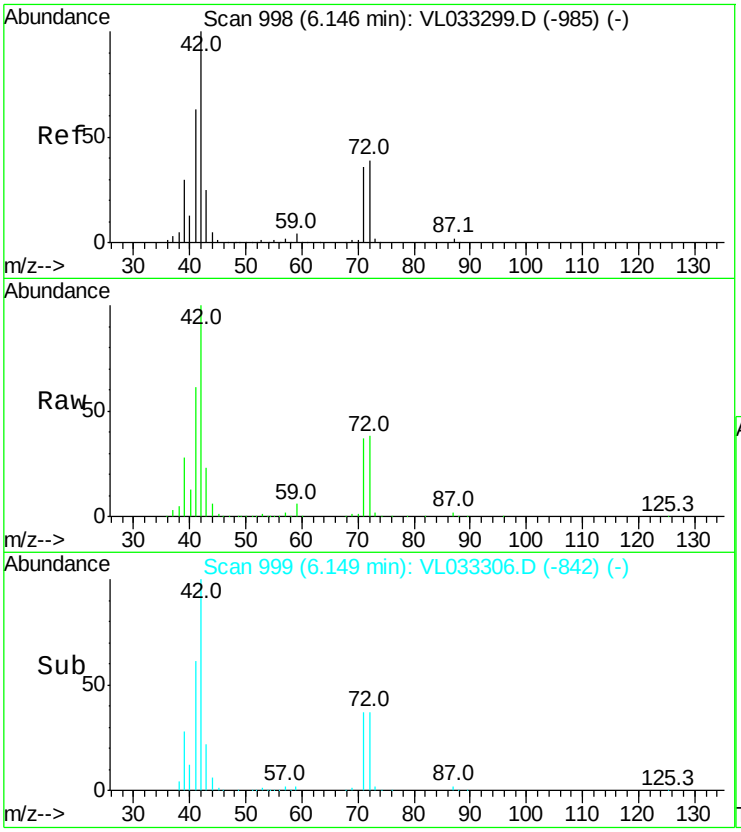


#40
1,4-Dioxane
Concen: 9.318 ppbv
RT: 7.96 min Scan# 1561
Delta R.T. 0.01 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Tgt Ion: 88 Resp: 235382

Ion	Ratio	Lower	Upper
88	100		
58	126.2	97.7	146.5
43	0.0	199.4	299.2#
57	0.0	875.6	1313.4#



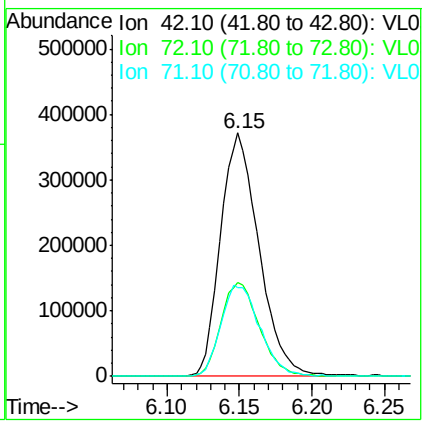


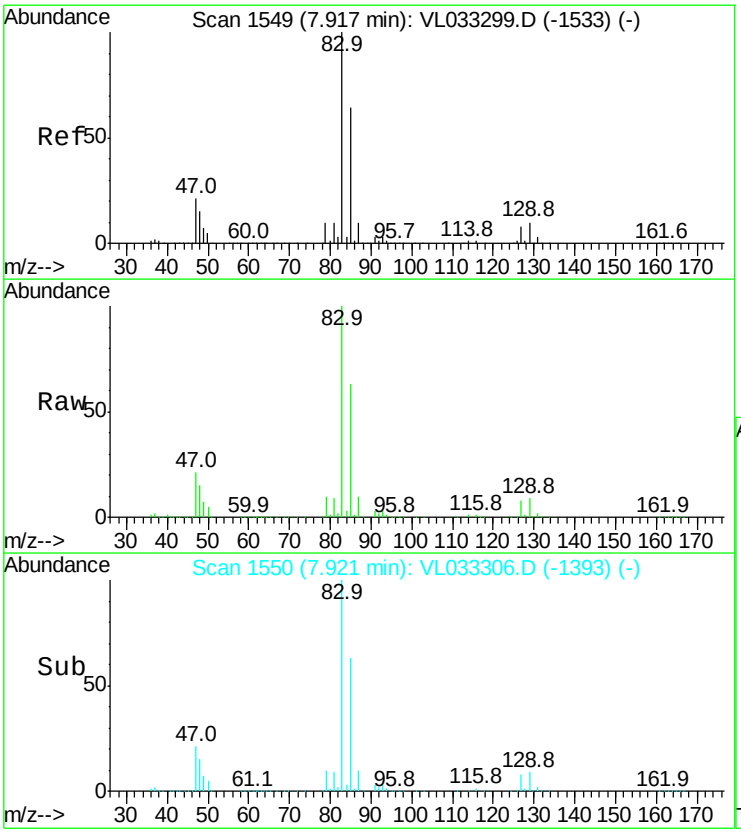
#41
Tetrahydrofuran
Concen: 9.836 ppbv
RT: 6.15 min Scan# 999
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 42 Resp: 683321

Ion	Ratio	Lower	Upper
42	100		
72	39.0	30.8	46.2
71	38.4	30.0	45.0

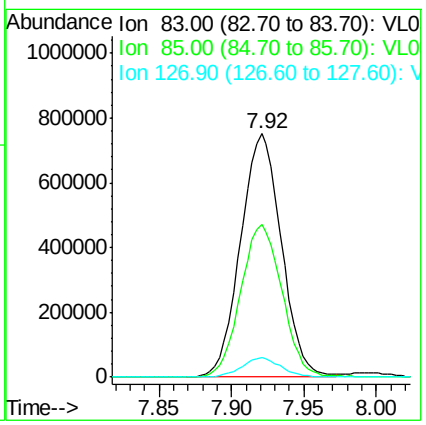


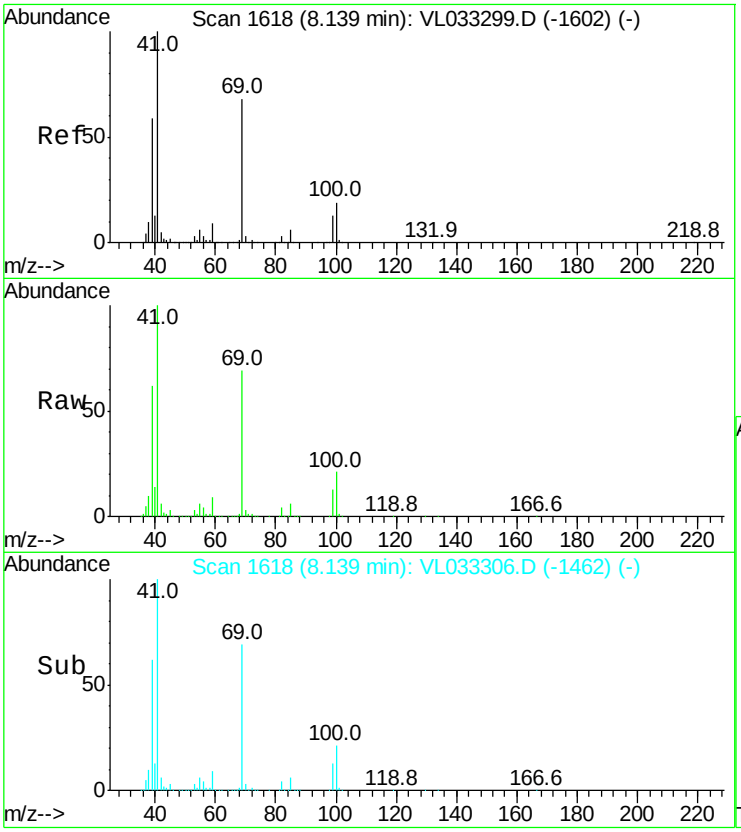


#42
Bromodichloromethane
Concen: 9.856 ppbv
RT: 7.92 min Scan# 1550
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Tgt Ion: 83 Resp: 1470519

Ion	Ratio	Lower	Upper
83	100		
85	62.5	51.0	76.4
127	7.9	6.6	10.0



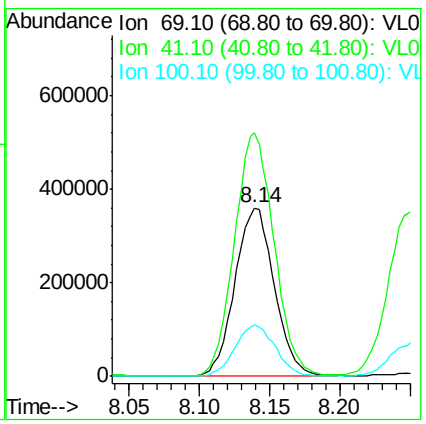


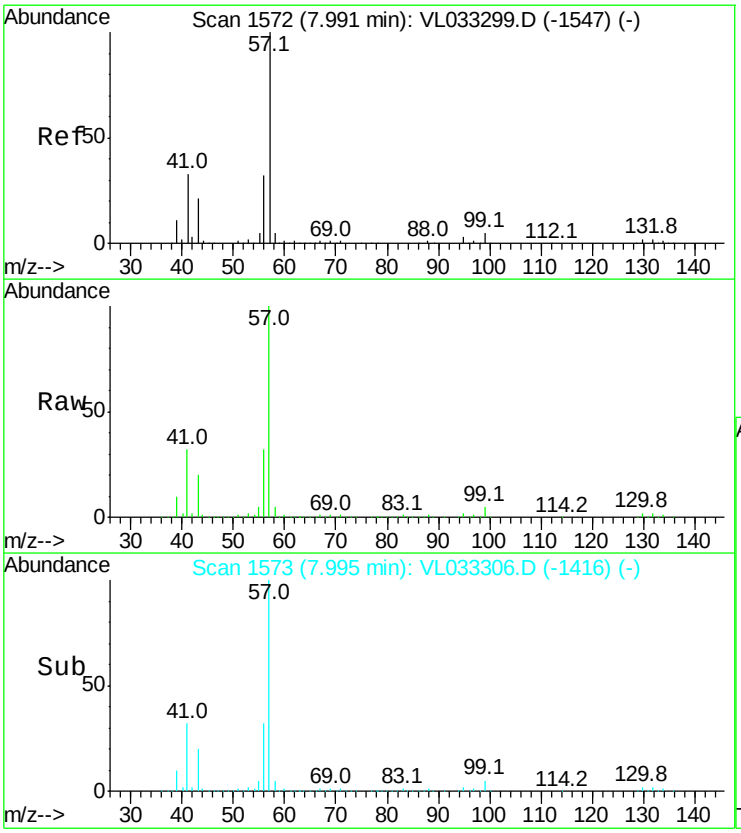
#43
Methyl Methacrylate
Concen: 9.950 ppbv
RT: 8.14 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 69 Resp: 704956

Ion	Ratio	Lower	Upper
69	100		
41	146.1	117.0	175.4
100	31.3	24.3	36.5

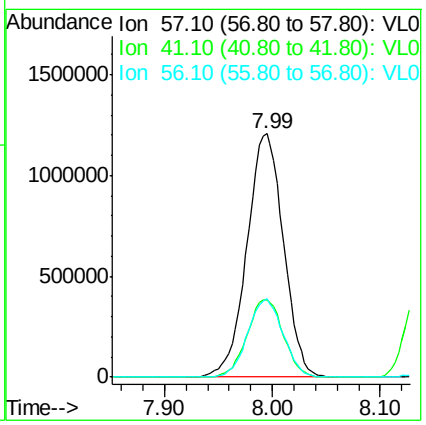


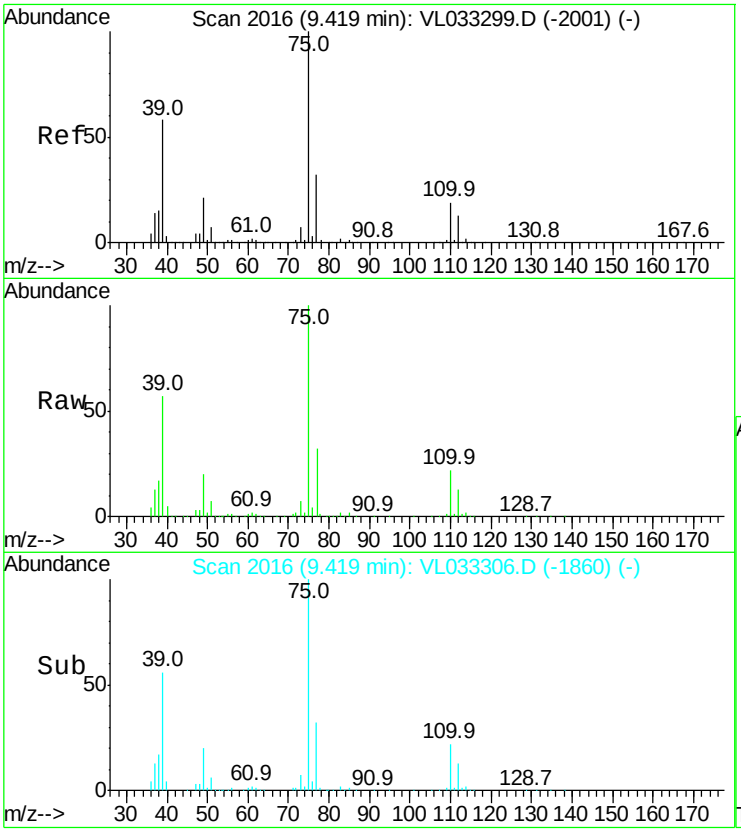


#44
2,2,4-Trimethylpentane
Concen: 9.277 ppbv
RT: 7.99 min Scan# 1573
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Tgt Ion: 57 Resp: 2833943

Ion	Ratio	Lower	Upper
57	100		
41	31.5	25.9	38.9
56	31.1	24.6	36.8



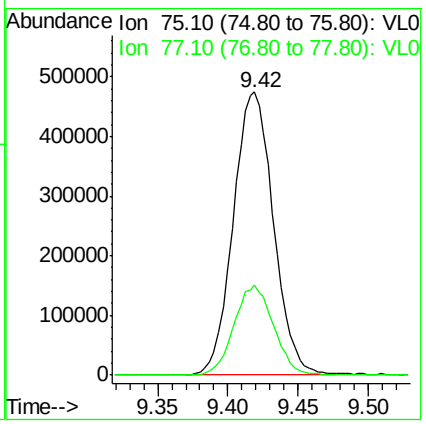


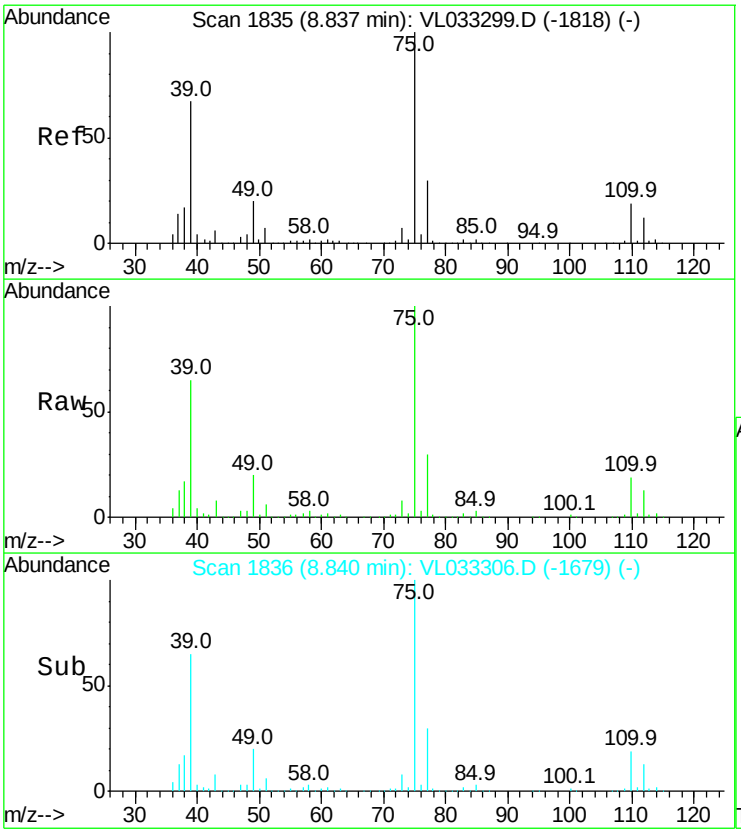
#45
t-1,3-Dichloropropene
Concen: 11.439 ppbv
RT: 9.42 min Scan# 2016
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 75 Resp: 944919

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.3	37.9

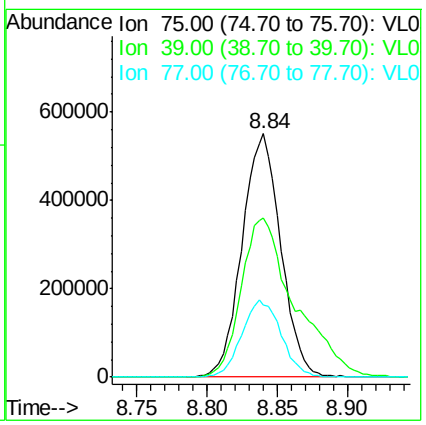


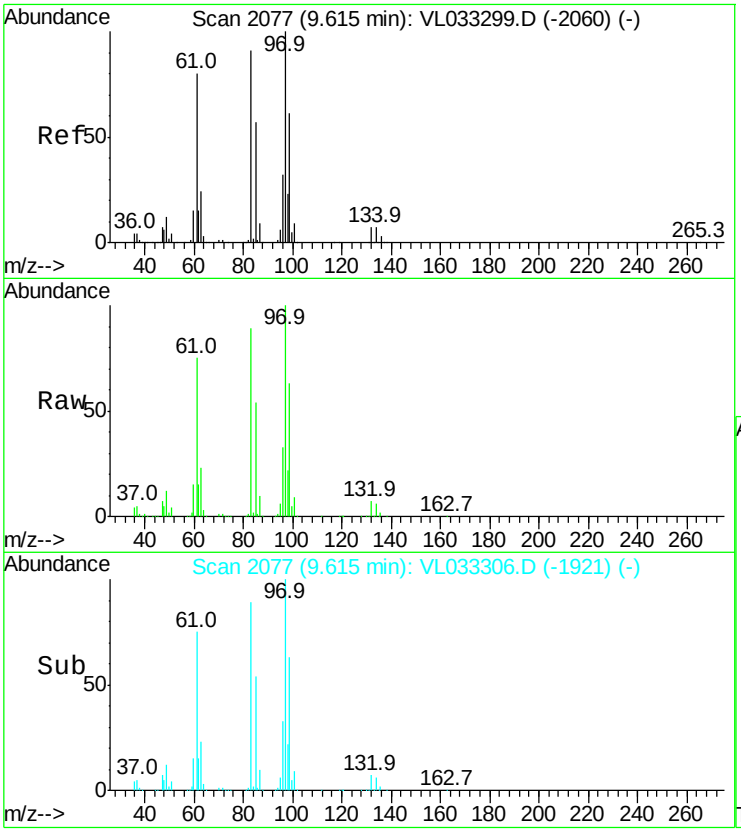


#46
cis-1,3-Dichloropropene
Concen: 10.586 ppbv
RT: 8.84 min Scan# 1836
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Tgt Ion: 75 Resp: 1058620

Ion	Ratio	Lower	Upper
75	100		
39	65.4	53.4	80.2
77	29.6	23.7	35.5



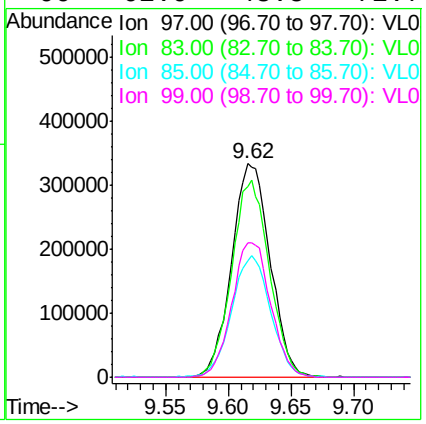


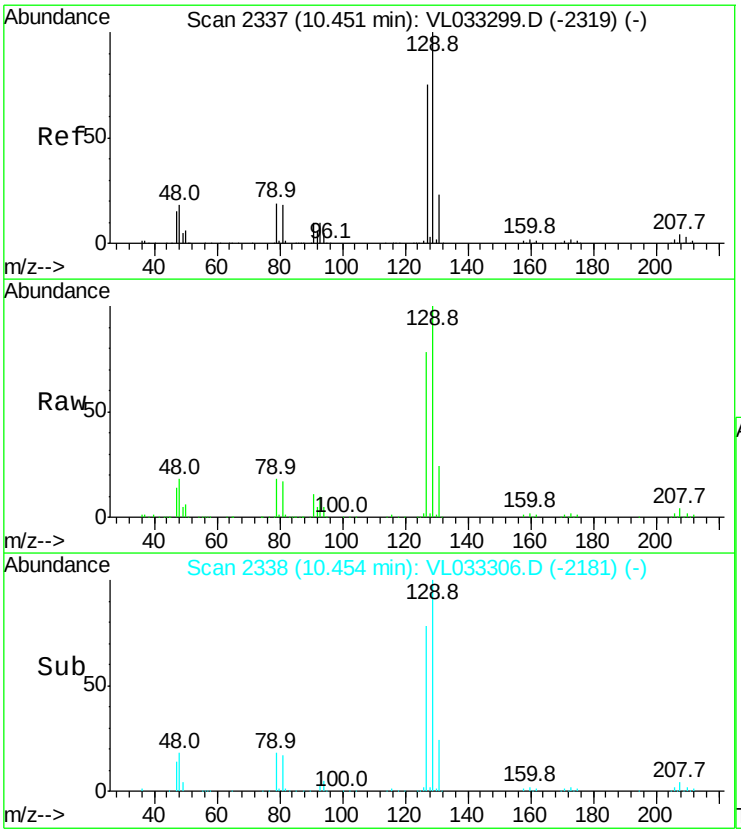
#47
1,1,2-Trichloroethane
Concen: 9.814 ppbv
RT: 9.62 min Scan# 2077
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 97 Resp: 712127

Ion	Ratio	Lower	Upper
97	100		
83	89.2	72.7	109.1
85	54.3	45.6	68.4
99	62.9	48.5	72.7

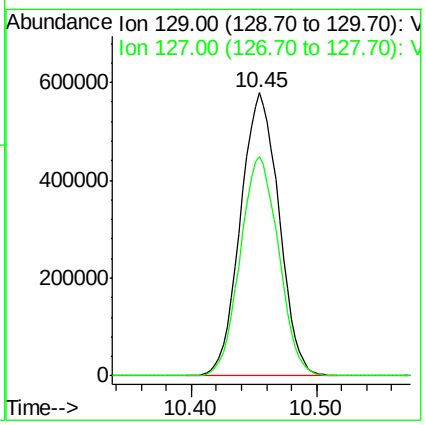


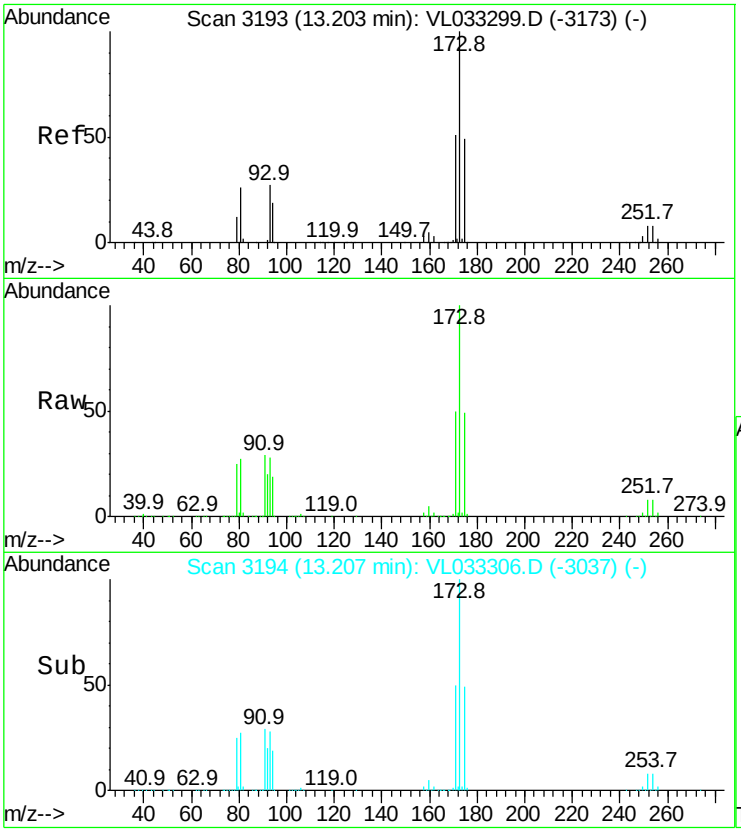


#48
Dibromochloromethane
Concen: 10.280 ppbv
RT: 10.45 min Scan# 2338
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Tgt Ion:129 Resp: 1231490

Ion	Ratio	Lower	Upper
129	100		
127	77.5	39.0	117.0



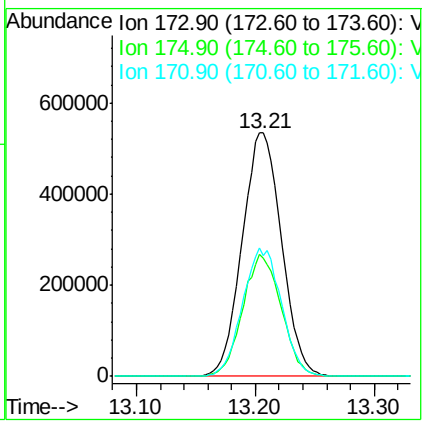


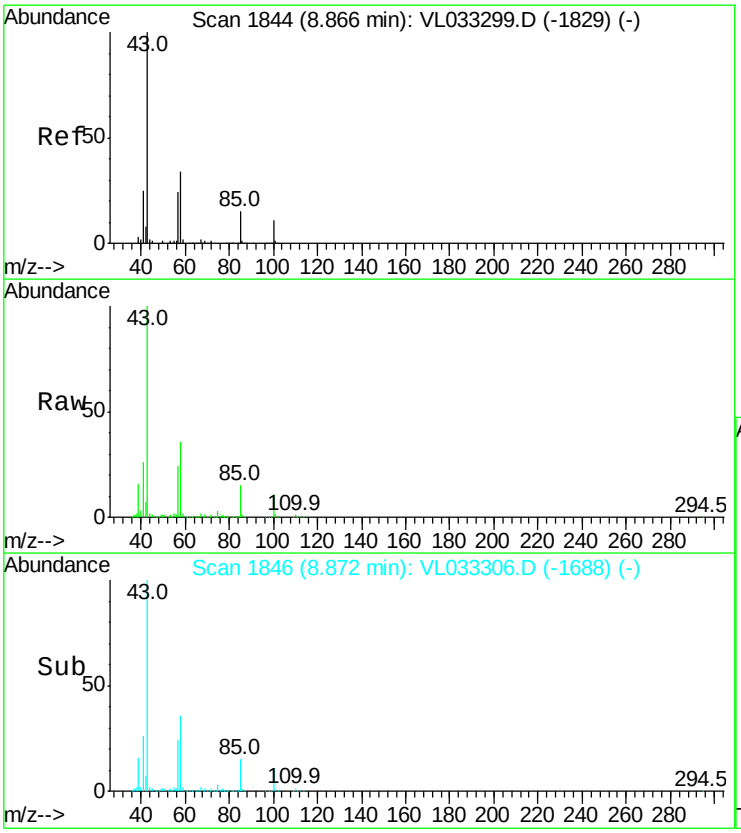
#49
Bromoform
Concen: 12.007 ppbv
RT: 13.21 min Scan# 3194
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:173 Resp: 1224059

Ion	Ratio	Lower	Upper
173	100		
175	48.9	38.6	58.0
171	52.1	42.0	63.0

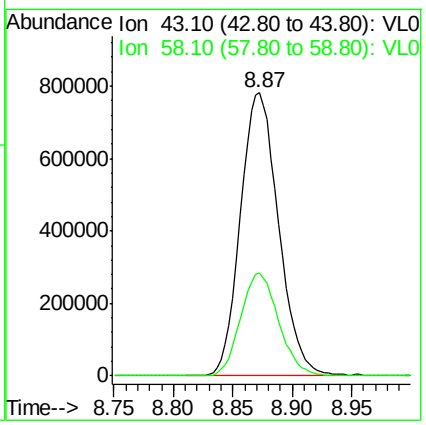


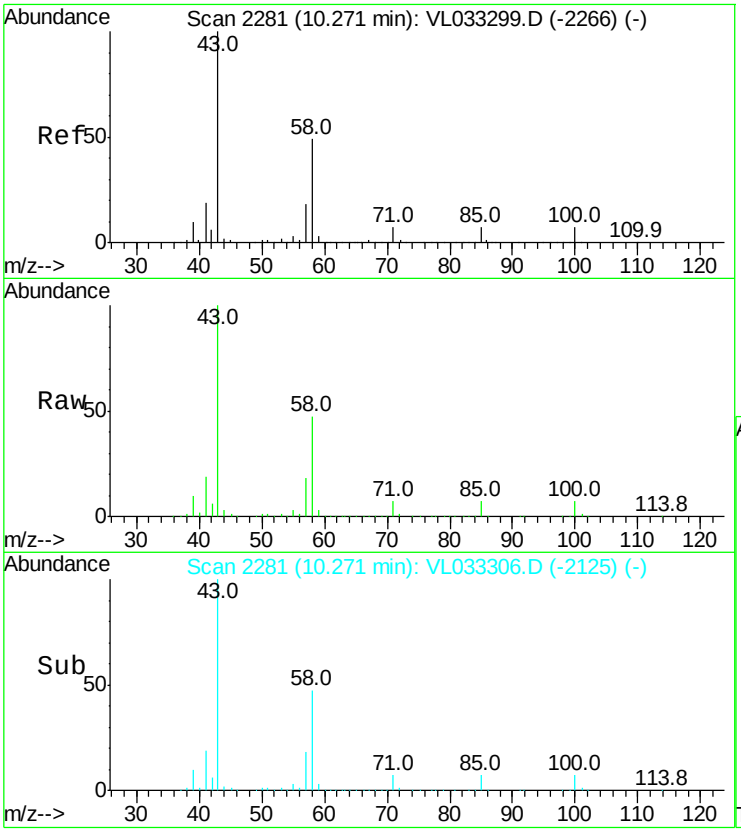


#50
4-Methyl-2-Pentanone
Concen: 9.557 ppbv
RT: 8.87 min Scan# 1846
Delta R.T. 0.01 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Tgt Ion: 43 Resp: 1734558

Ion	Ratio	Lower	Upper
43	100		
58	36.3	28.2	42.2



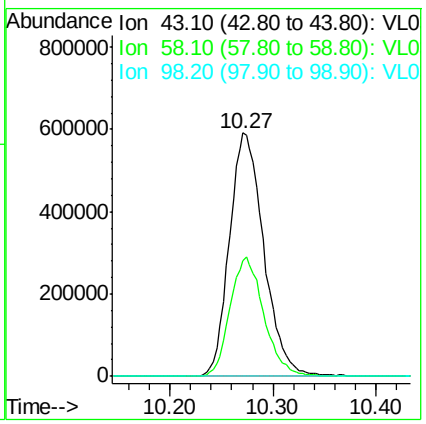


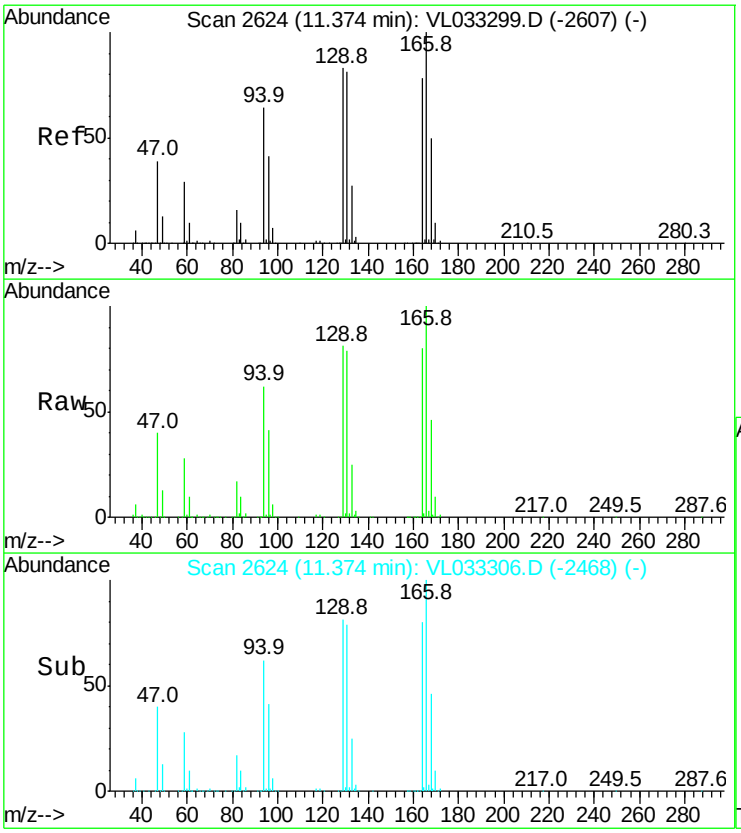
#51
2-Hexanone
Concen: 9.929 ppbv
RT: 10.27 min Scan# 2281
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 43 Resp: 1374105

Ion	Ratio	Lower	Upper
43	100		
58	48.2	38.4	57.6
98	0.1	0.2	0.2#

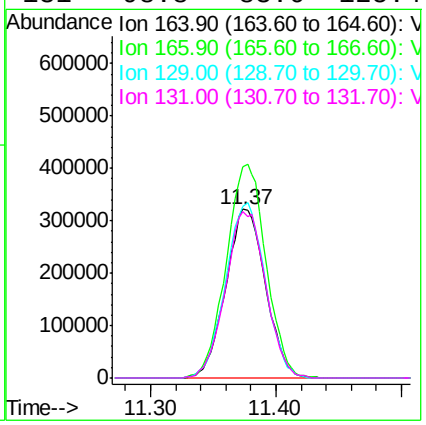


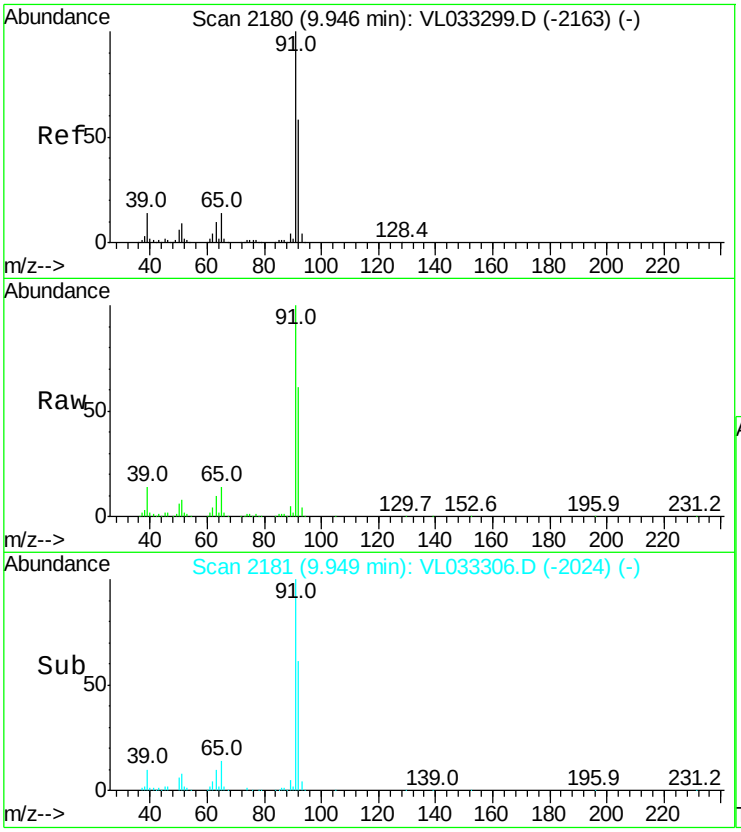


#52
Tetrachloroethene
Concen: 9.610 ppbv
RT: 11.37 min Scan# 2624
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Tgt Ion:164 Resp: 702805

Ion	Ratio	Lower	Upper
164	100		
166	125.4	103.2	154.8
129	101.6	85.8	128.8
131	98.8	83.6	125.4



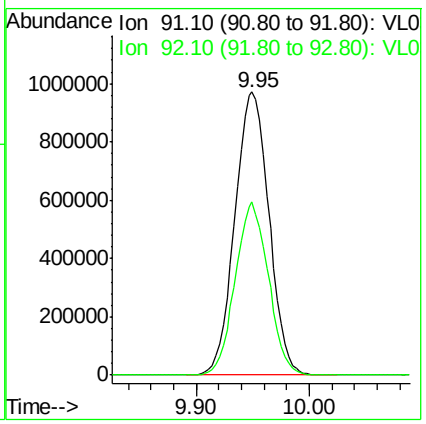


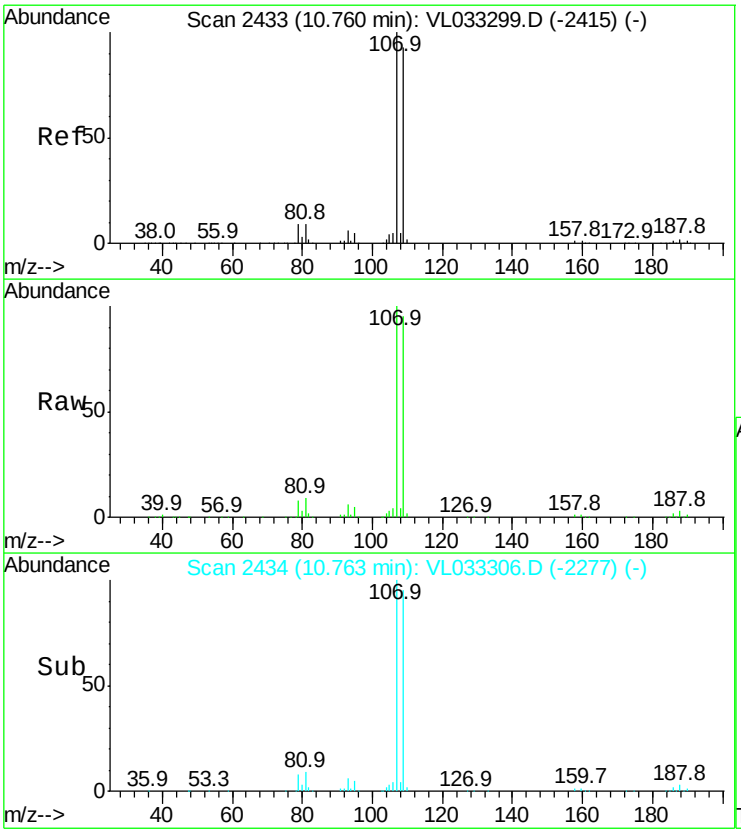
#53
Toluene
Concen: 10.063 ppbv
RT: 9.95 min Scan# 2181
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 2041622

Ion	Ratio	Lower	Upper
91	100		
92	59.5	47.4	71.2

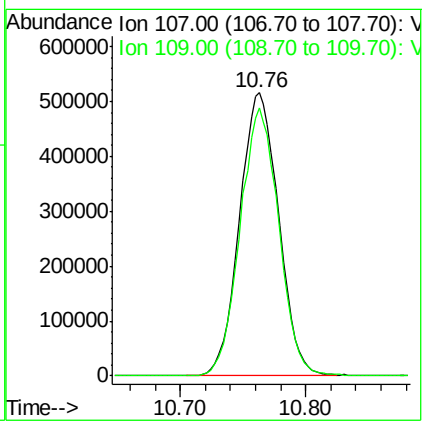


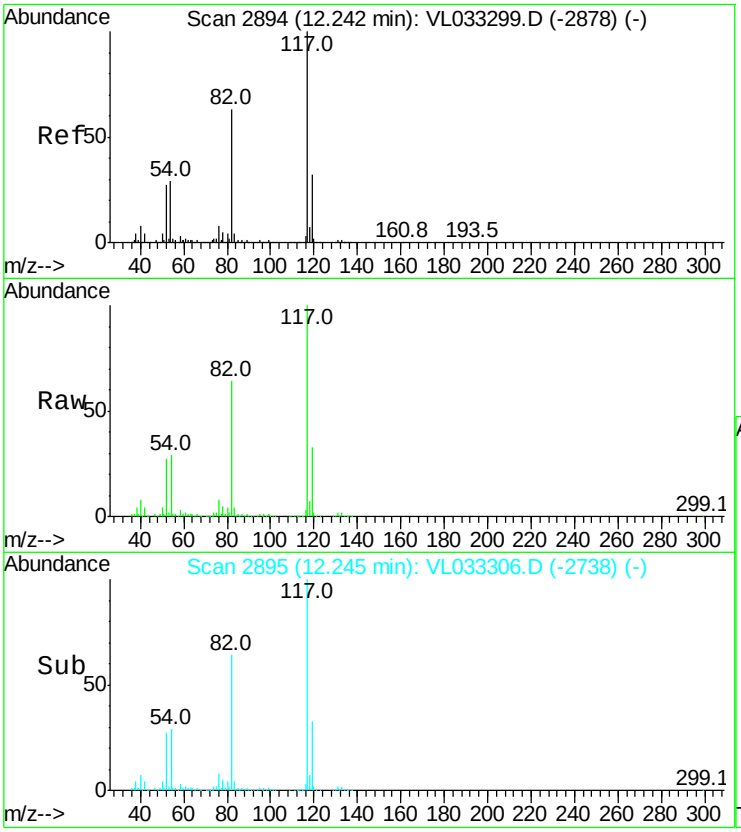


#54
1,2-Dibromoethane
Concen: 9.373 ppbv
RT: 10.76 min Scan# 2434
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Tgt Ion:107 Resp: 1115381

Ion	Ratio	Lower	Upper
107	100		
109	94.7	74.3	111.5



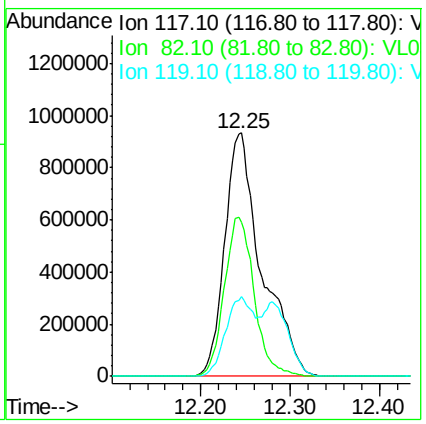


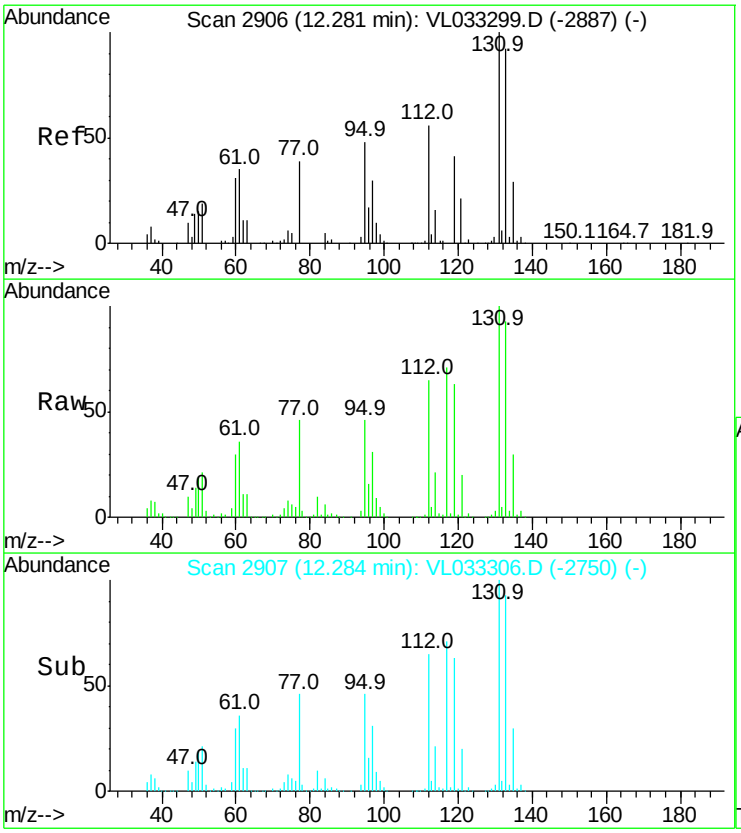
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2895
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 2684281

Ion	Ratio	Lower	Upper
117	100		
82	52.7	51.3	76.9
119	25.7	27.0	40.4#





#56
1,1,1,2-Tetrachloroethane
Concen: 8.078 ppbv
RT: 12.28 min Scan# 2907
Delta R.T. 0.00 min
Lab File: VL033306.D
Acq: 13 Mar 2019 23:21

Tgt Ion:131 Resp: 978544

Ion	Ratio	Lower	Upper
131	100		
133	94.1	75.3	112.9
119	59.0	45.0	67.4