Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031219\

Quantitation Report (Not Reviewed)

Data File : VL033272.D
Acq On : 12 Mar 2019 2:18
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Mar 12 04:52:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031219AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 12 04:49:55 2019
QLast Update : Tue Mar 12 04:49:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	916233	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	2147556	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	2711196	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	1730342	7.97	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 79.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.08	85	2571133	13.529	ppbv	100
3) Chlorodifluoromethane	3.02	51	1610903	13.944	ppbv	100
4) Chloromethane	3.17	50	869983	14.331	ppbv	100
5) Vinyl Chloride	3.29	62	846507	14.408	ppbv	100
6) Bromomethane	3.52	94	522798	14.039	ppbv	100
7) Chloroethane	3.60	64	301665	13.877	ppbv	100
8) Dichlorotetrafluoroethane	3.22	85	2046693	13.619	ppbv	100
9) Propene	3.04	41	732045	14.269	ppbv	100
10) Heptane	8.25	43	1200058	9.864	ppbv	100
11) Trichlorofluoromethane	4.01	101	1851492	11.634	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.55	101	996585	9.962	ppbv	100
13) Ethanol	3.65	45	142306	9.937	ppbv	99
14) Bromoethene	3.79	108	426611	10.359	ppbv	100
15) Acetone	3.90	43	1211116	10.620	ppbv	100
16) 1,3-Butadiene	3.36	39	689472	14.014	ppbv	100
17) tert-Butyl alcohol	4.36	59	180452	10.079	ppbv	100
18) 1,1-Dichloroethene	4.35	96	446691	10.190	ppbv	100
19) Isopropyl Alcohol	4.02	45	759370	11.101	ppbv	100
20) Methylene Chloride	4.41	84	393536	8.740	ppbv	100
21) Allyl Chloride	4.48	41	702256	10.648	ppbv	100
22) trans-1,2-Dichloroethene	4.97	96	536221	11.473	ppbv	100
23) Vinyl Acetate	5.16	43	1717182	10.861	ppbv	100
24) 1,1-Dichloroethane	5.09	63	1391170	11.600	ppbv	100
25) Ethyl Acetate	5.77	43	1996801	9.565	ppbv	100
26) Hexane	5.78	57	901270	9.160	ppbv	100
27) Carbon Disulfide	4.62	76	1129002	11.334	ppbv	100
28) Methyl tert-Butyl Ether	5.11	73	1480690	11.412	ppbv	100
29) Chloroform	5.85	83	1456386	9.731	ppbv	100
30) Cyclohexane	7.25	84	747740	10.114	ppbv	100
31) cis-1,2-Dichloroethene	5.64	61	933278	10.039	ppbv	100
32) 1,1,1-Trichloroethane	6.62	97	1466363	10.392	ppbv	100
34) 2-Butanone	5.33	43	1337019	10.042	ppbv	100
35) Carbon Tetrachloride	7.14	117	1508624	10.256	ppbv	100
36) Benzene	7.01	78	1866548	9.832	ppbv	100
37) 1,2-Dichloroethane	6.42	62	1124998	9.278	ppbv	100
38) Trichloroethene	7.97	130	703243	9.791	ppbv	100
39) 1,2-Dichloropropane	7.74	63	718569	9.894	ppbv	100
40) 1,4-Dioxane	7.96	88	244776	9.192	ppbv	100
41) Tetrahydrofuran	6.15	42	767085	10.181	ppbv	100
42) Bromodichloromethane	7.92	83	1611044	9.961	ppbv	100
43) Methyl Methacrylate	8.14	69	764891	10.316	ppbv	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031219\

Quantitation Report (Not Reviewed)

Data File : VL033272.D
Acq On : 12 Mar 2019 2:18
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Mar 12 04:52:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031219AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 12 04:49:55 2019
QLast Update : Tue Mar 12 04:49:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.99	57	3101138	9.472	ppbv		100
45) t-1,3-Dichloropropene	9.42	75	1008572	11.218	ppbv		100
46) cis-1,3-Dichloropropene	8.84	75	1163268	10.980	ppbv		100
47) 1,1,2-Trichloroethane	9.62	97	755629	9.691	ppbv		100
48) Dibromochloromethane	10.46	129	1331743	10.420	ppbv		100
49) Bromoform	13.21	173	1135002	9.897	ppbv		100
50) 4-Methyl-2-Pentanone	8.87	43	1942436	9.900	ppbv		100
51) 2-Hexanone	10.27	43	1515430	10.360	ppbv	#	100
52) Tetrachloroethene	11.38	164	695503	10.023	ppbv		100
53) Toluene	9.95	91	2183714	10.295	ppbv		100
54) 1,2-Dibromoethane	10.77	107	1189007	9.725	ppbv		100
56) 1,1,1,2-Tetrachloroethane	12.28	131	911782	8.046	ppbv		100
57) Chlorobenzene	12.31	112	1576564	7.906	ppbv		100
58) Ethyl Benzene	12.87	91	3033475	8.246	ppbv		100
59) m/p-Xylene	13.13	91	2493961	7.500	ppbv	#	32
60) o-Xylene	13.86	91	2370866	7.388	ppbv		100
61) Styrene	13.69	104	1768363	8.071	ppbv		100
62) Isopropylbenzene	14.83	105	3295000	7.694	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.84	83	1547550	7.481	ppbv		100
64) n-propylbenzene	15.73	120	838158	7.989	ppbv		100
65) tert-Butylbenzene	16.91	119	2811206	7.797	ppbv		100
66) Benzyl Chloride	17.16	91	1387565	10.328	ppbv		100
67) sec-Butylbenzene	17.46	105	4009500	7.838	ppbv		100
69) p-Isopropyltoluene	17.82	119	3349885	8.058	ppbv		100
70) n-Butylbenzene	18.72	91	3622914	8.042	ppbv		100
71) 2-Chlorotoluene	15.62	91	2505901	7.830	ppbv		100
72) 4-Ethyltoluene	16.00	105	2687922	8.056	ppbv		100
73) 1,3,5-Trimethylbenzene	16.16	105	2543209	8.003	ppbv		100
74) 1,2,4-Trimethylbenzene	16.93	105	2607230	7.871	ppbv		100
75) 1,3-Dichlorobenzene	17.17	146	1497209	7.660	ppbv		100
76) 1,4-Dichlorobenzene	17.31	146	1515702	7.904	ppbv		100
77) 1,2-Dichlorobenzene	17.99	146	1479245	7.840	ppbv		100
78) Hexachloro-1,3-Butadiene	23.55	225	1080150	7.554	ppbv		100
79) Naphthalene	22.42	128	3869634	10.693	ppbv		100
80) Naphthalene,2-methyl-	25.12	142	1502361	17.159	ppbv		100
81) 1,2,4-Trichlorobenzene	22.14	180	1793976	9.594	ppbv		100

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

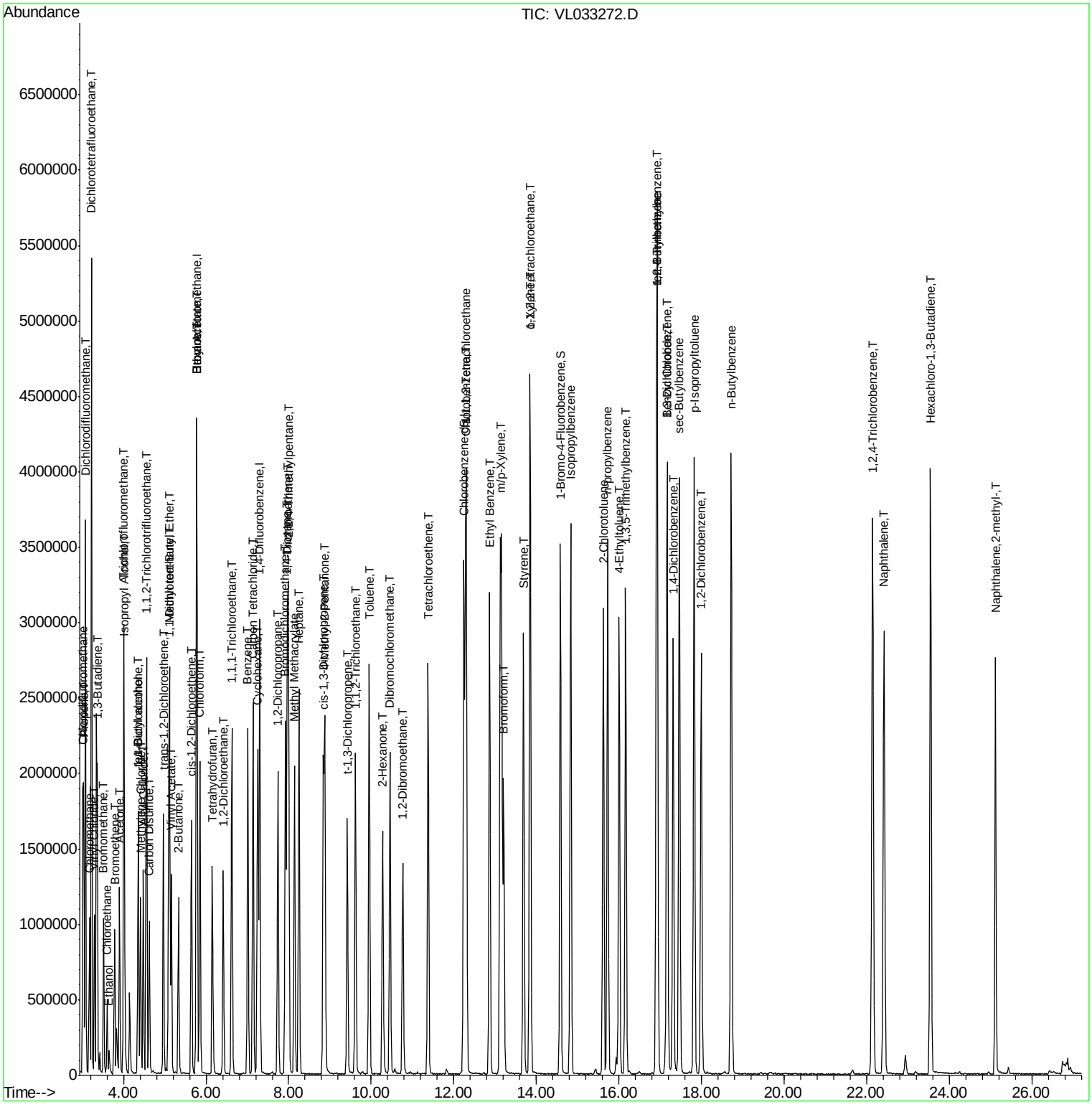
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031219\

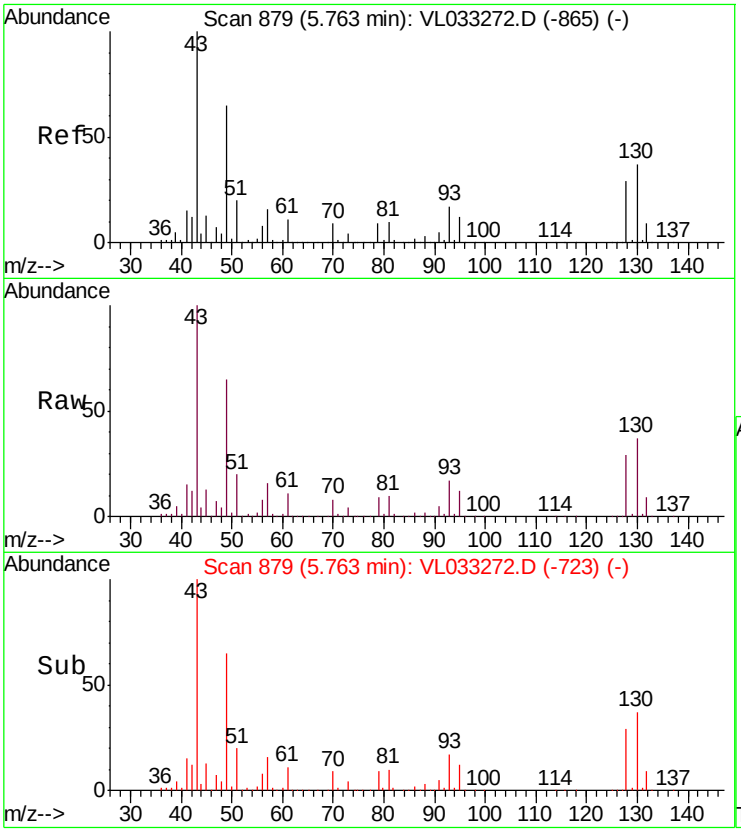
Quantitation Report (Not Reviewed)

Data File : VL033272.D
Acq On : 12 Mar 2019 2:18
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Quant Time: Mar 12 04:52:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031219AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 12 04:49:55 2019
QLast Update : Tue Mar 12 04:49:55 2019
Response via : Initial Calibration



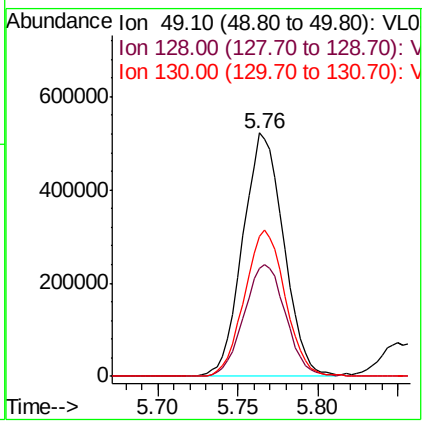


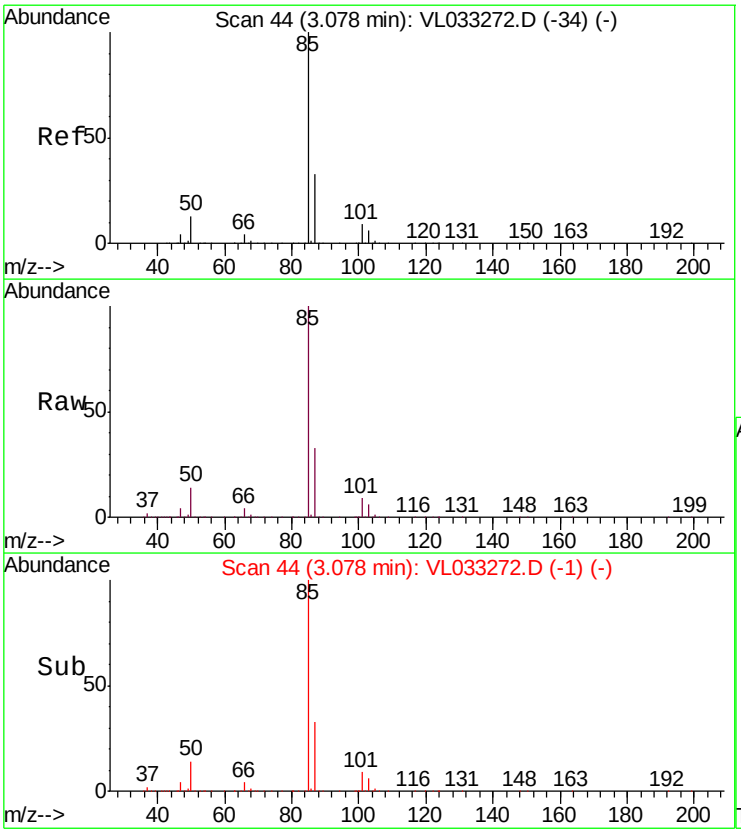
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 879
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 49 Resp: 916233

Ion	Ratio	Lower	Upper
49	100		
128	46.6	23.3	69.9
130	60.0	30.0	90.1

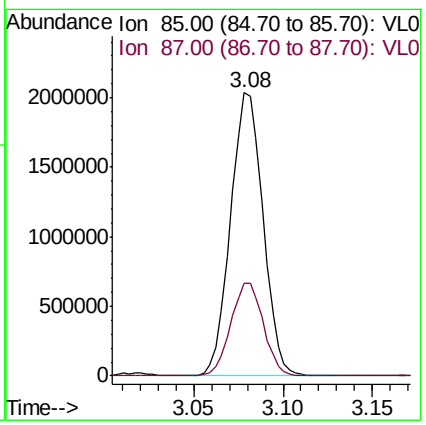


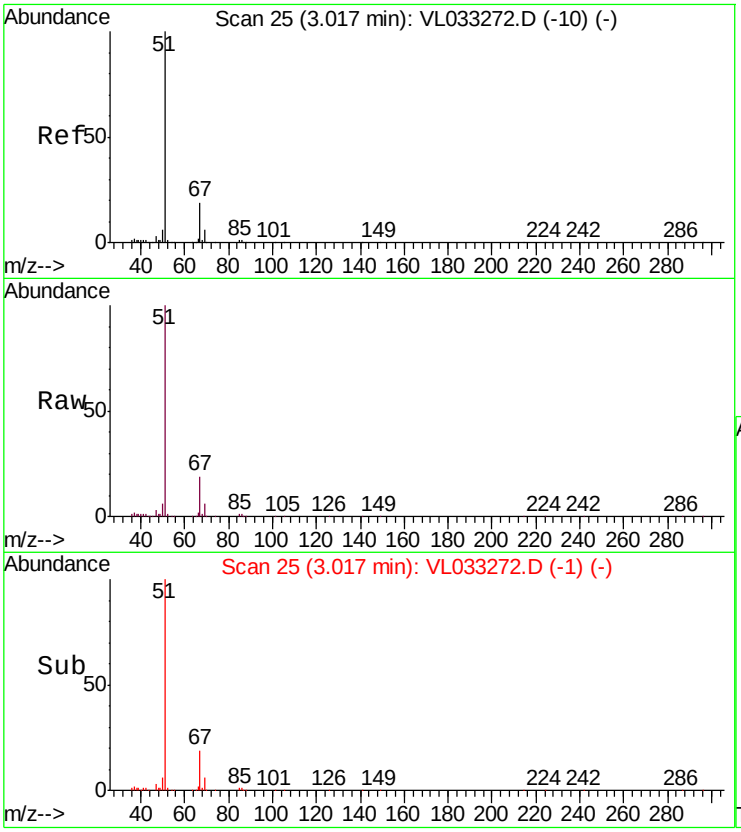


#2
Dichlorodifluoromethane
Concen: 13.529 ppbv
RT: 3.08 min Scan# 44
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Tgt Ion: 85 Resp: 2571133

Ion	Ratio	Lower	Upper
85	100		
87	33.0	26.4	39.6



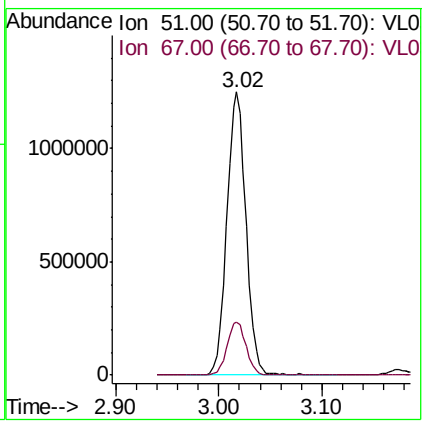


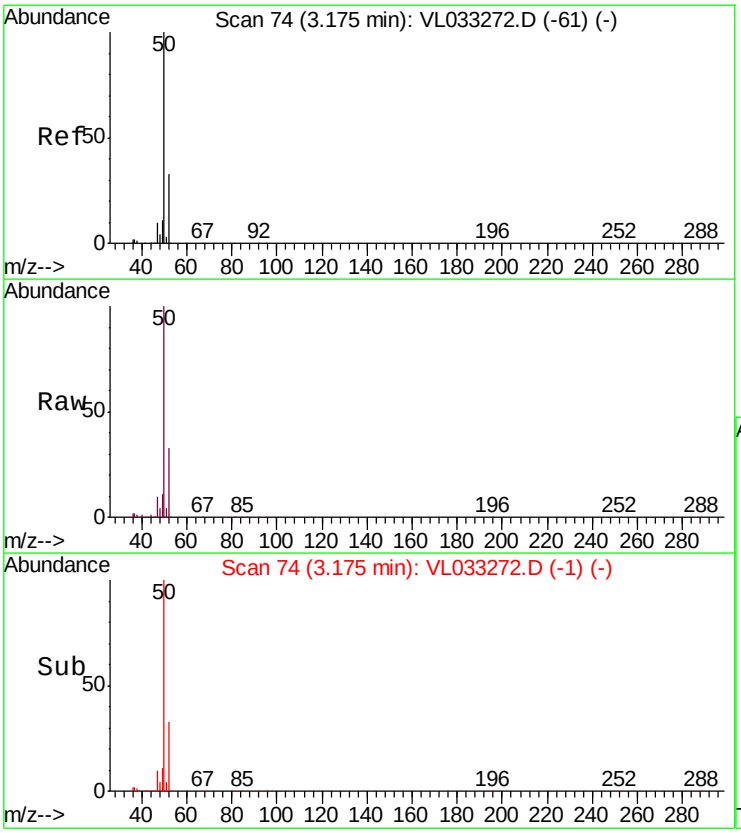
#3
Chlorodifluoromethane
Concen: 13.944 ppbv
RT: 3.02 min Scan# 25
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 51 Resp: 1610903

Ion	Ratio	Lower	Upper
51	100		
67	18.7	15.0	22.4

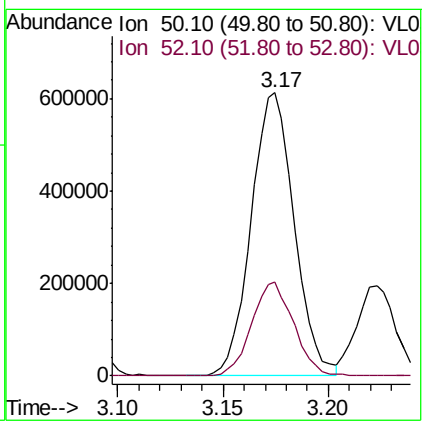


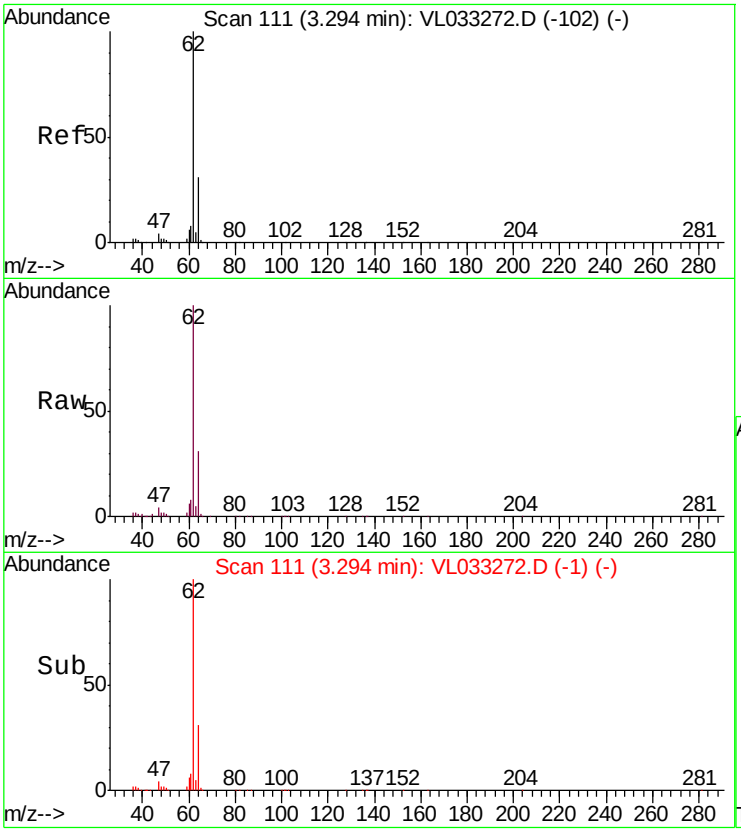


#4
Chloromethane
Concen: 14.331 ppbv
RT: 3.17 min Scan# 74
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Tgt Ion: 50 Resp: 869983

Ion	Ratio	Lower	Upper
50	100		
52	33.2	26.6	39.8



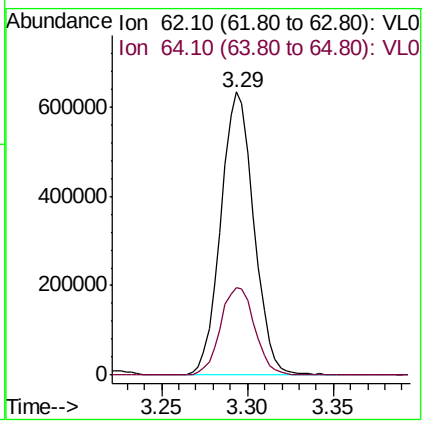


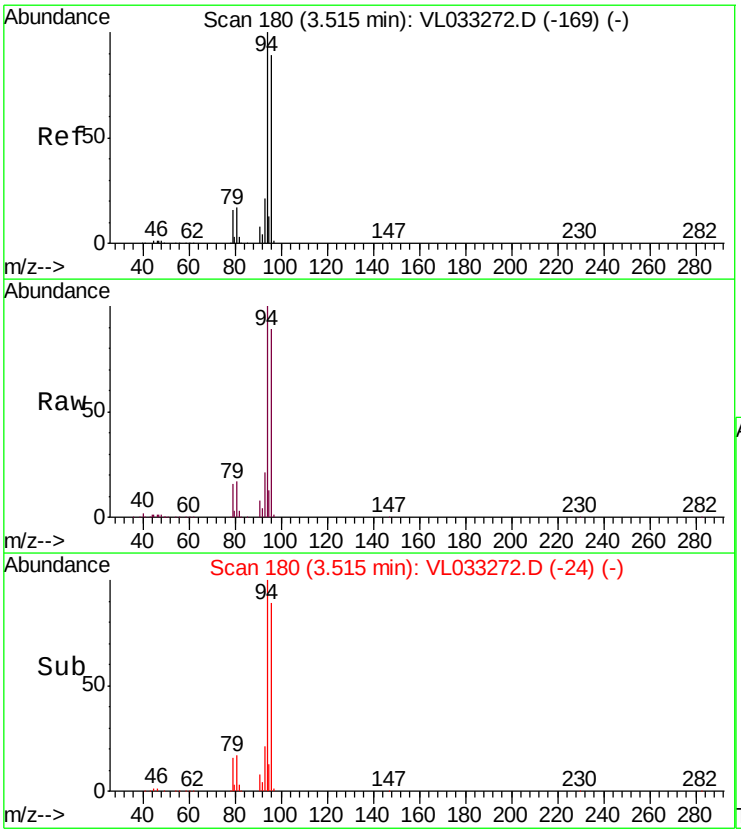
#5
Vinyl Chloride
Concen: 14.408 ppbv
RT: 3.29 min Scan# 111
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 62 Resp: 846507

Ion	Ratio	Lower	Upper
62	100		
64	30.6	24.5	36.7

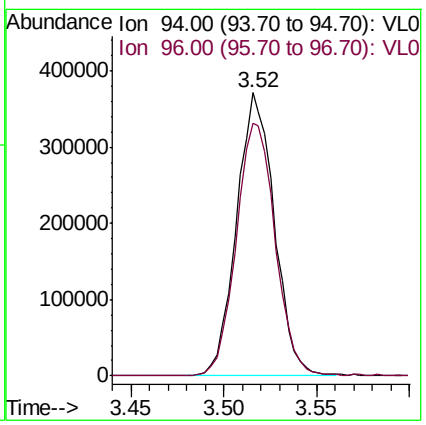


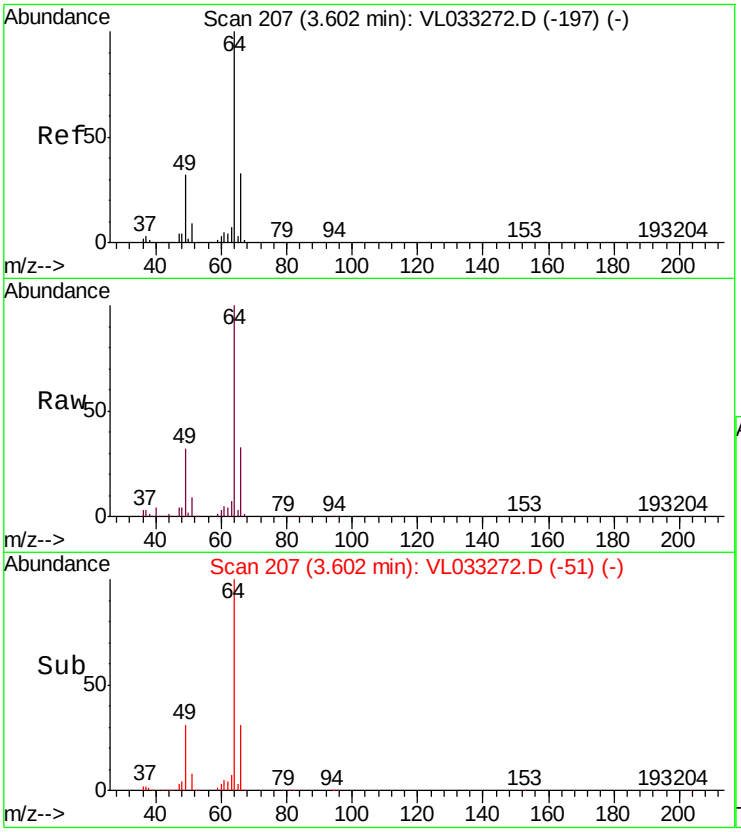


#6
Bromomethane
Concen: 14.039 ppbv
RT: 3.52 min Scan# 180
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Tgt Ion: 94 Resp: 522798

Ion	Ratio	Lower	Upper
94	100		
96	89.1	71.3	106.9



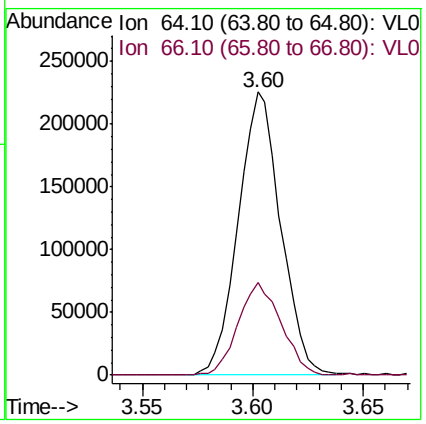


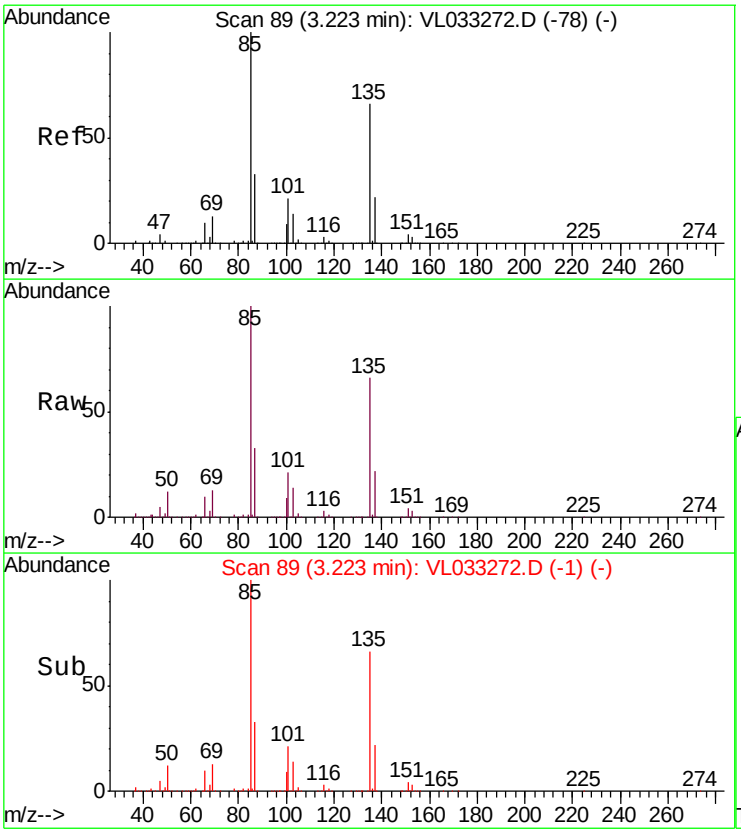
#7
Chloroethane
Concen: 13.877 ppbv
RT: 3.60 min Scan# 207
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 64 Resp: 301665

Ion	Ratio	Lower	Upper
64	100		
66	32.7	26.2	39.2

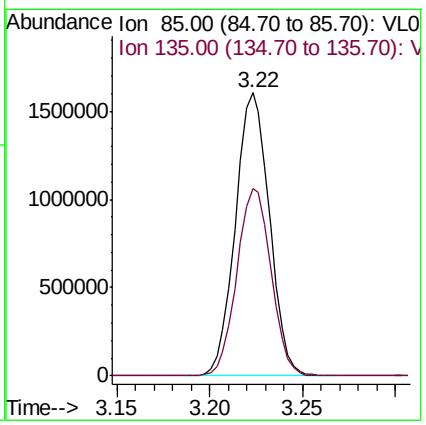


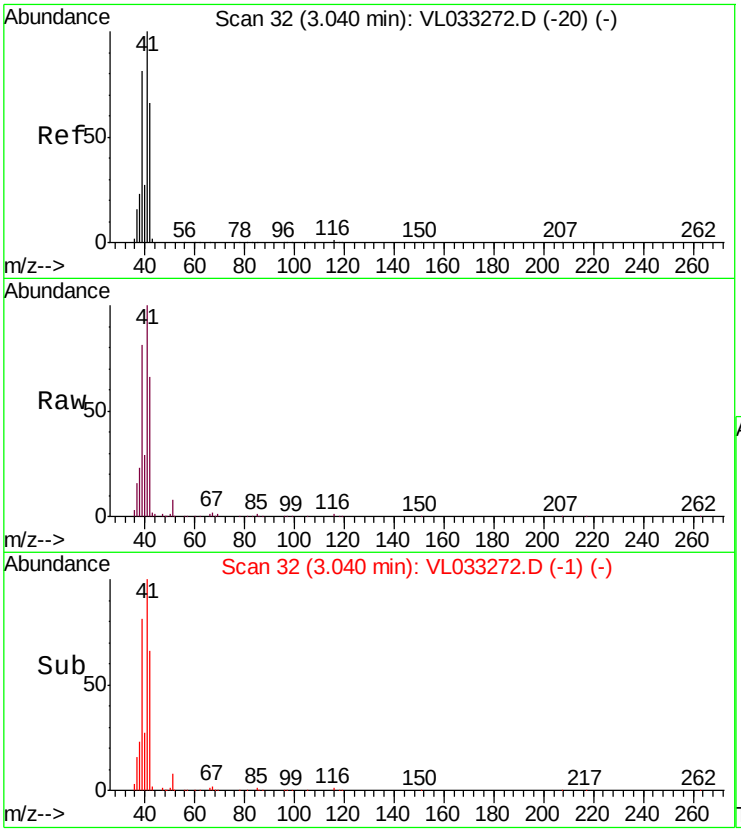


#8
Dichlorotetrafluoroethane
Concen: 13.619 ppbv
RT: 3.22 min Scan# 89
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Tgt Ion: 85 Resp: 2046693

Ion	Ratio	Lower	Upper
85	100		
135	66.8	53.4	80.2



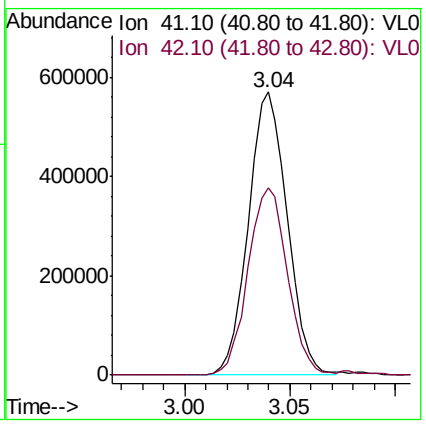


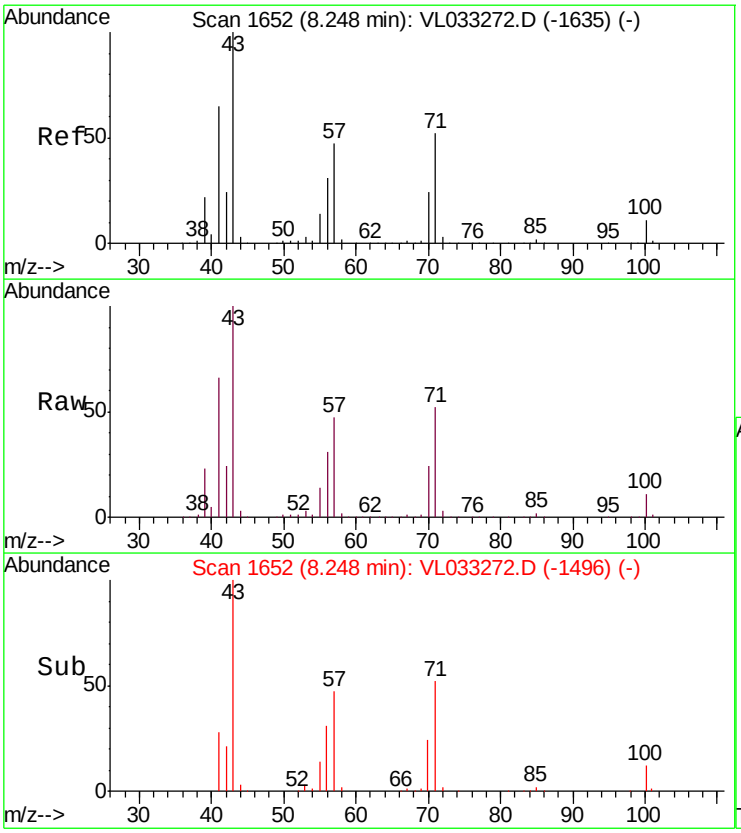
#9
Propene
Concen: 14.269 ppbv
RT: 3.04 min Scan# 32
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 41 Resp: 732045

Ion	Ratio	Lower	Upper
41	100		
42	68.3	54.6	82.0

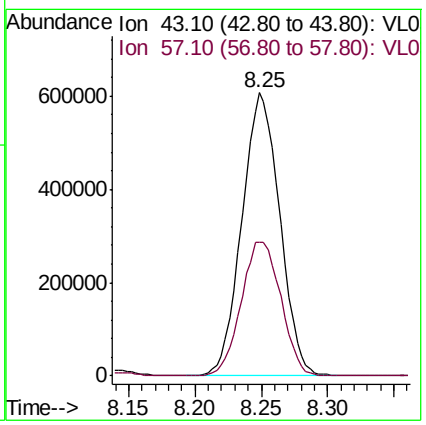


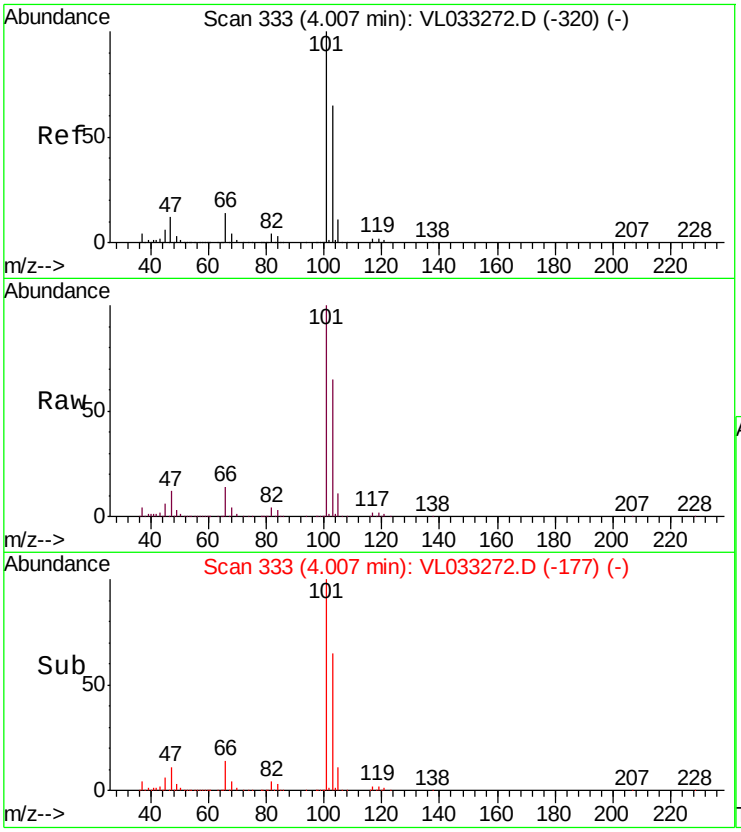


#10
Heptane
Concen: 9.864 ppbv
RT: 8.25 min Scan# 1652
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Tgt Ion: 43 Resp: 1200058

Ion	Ratio	Lower	Upper
43	100		
57	49.8	39.8	59.8



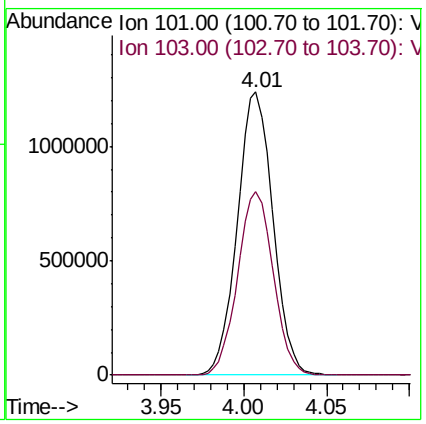


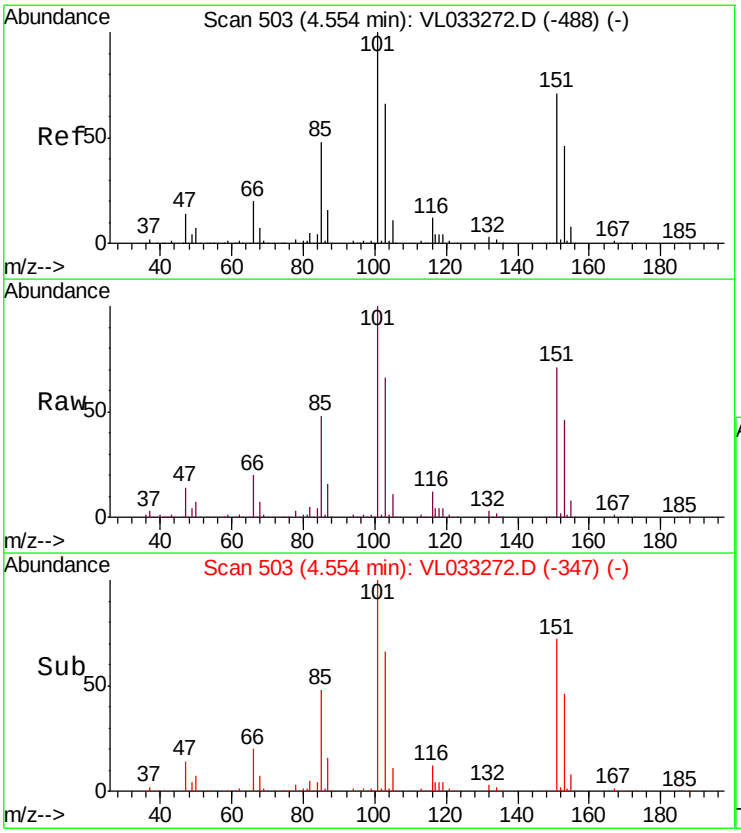
#11
Trichlorofluoromethane
Concen: 11.634 ppbv
RT: 4.01 min Scan# 333
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:101 Resp: 1851492

Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.8	77.8

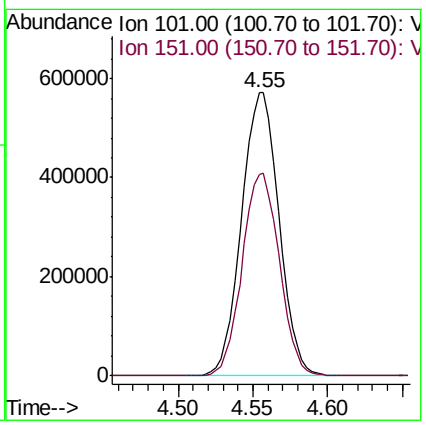


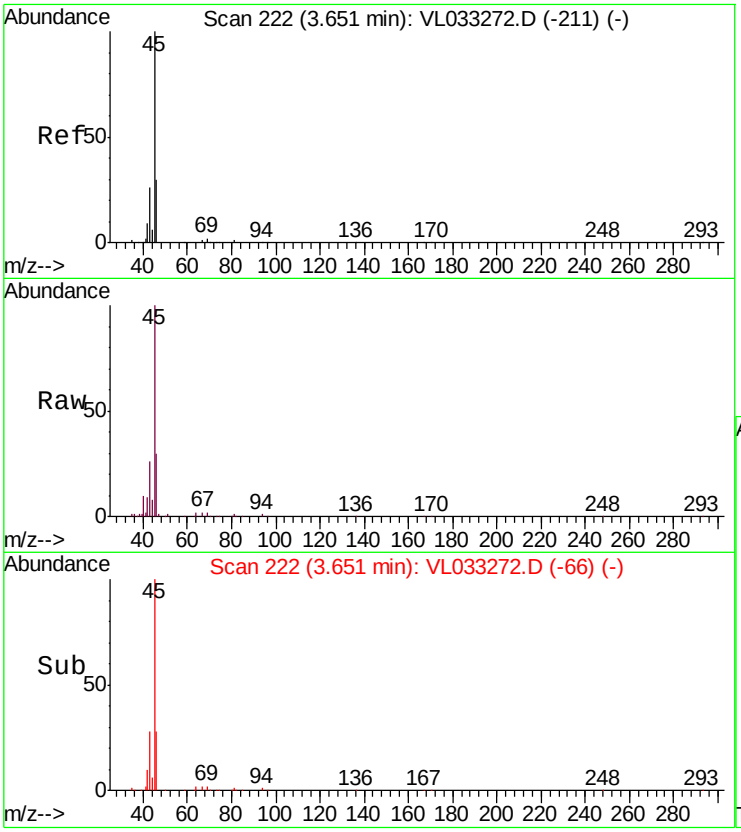


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.962 ppbv
RT: 4.55 min Scan# 503
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Tgt Ion:101 Resp: 996585

Ion	Ratio	Lower	Upper
101	100		
151	71.1	56.9	85.3



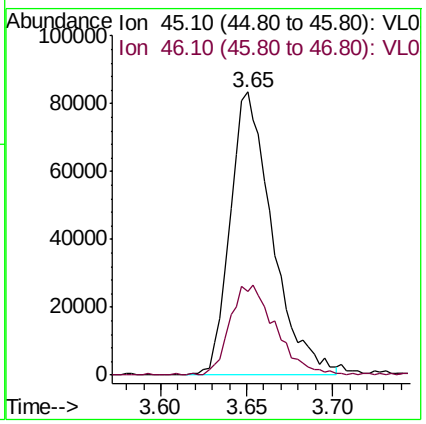


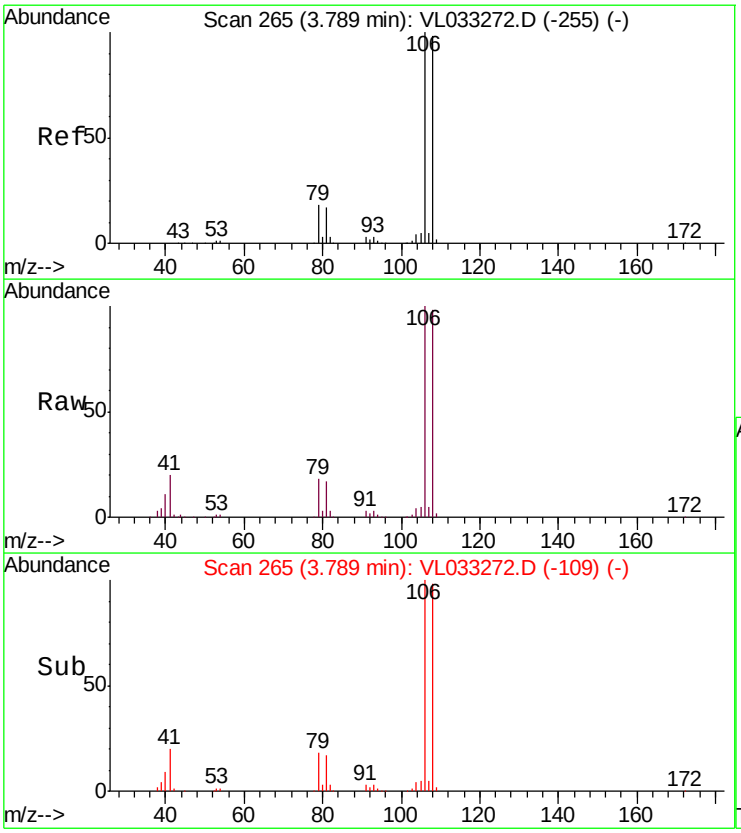
#13
Ethanol
Concen: 9.937 ppbv
RT: 3.65 min Scan# 222
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 142306

Ion	Ratio	Lower	Upper
45	100		
46	35.2	13.9	55.7

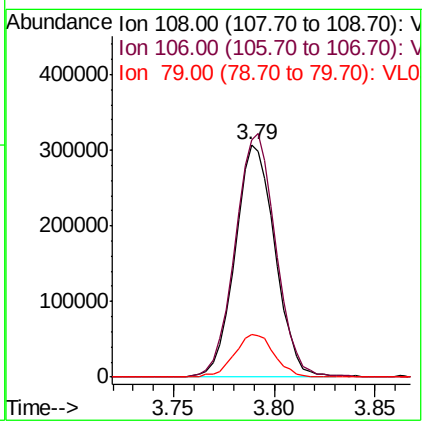


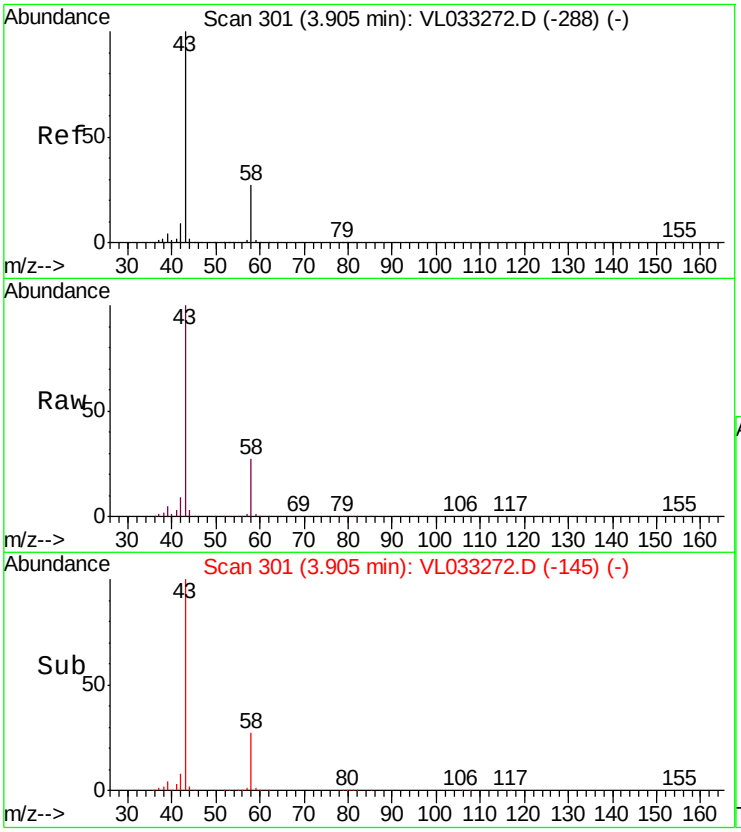


#14
Bromoethene
Concen: 10.359 ppbv
RT: 3.79 min Scan# 265
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Tgt Ion:108 Resp: 426611

Ion	Ratio	Lower	Upper
108	100		
106	107.4	85.9	128.9
79	18.6	14.9	22.3



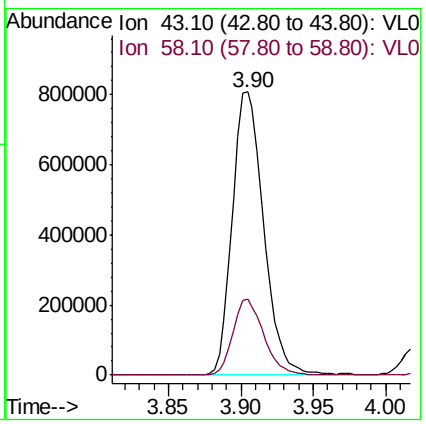


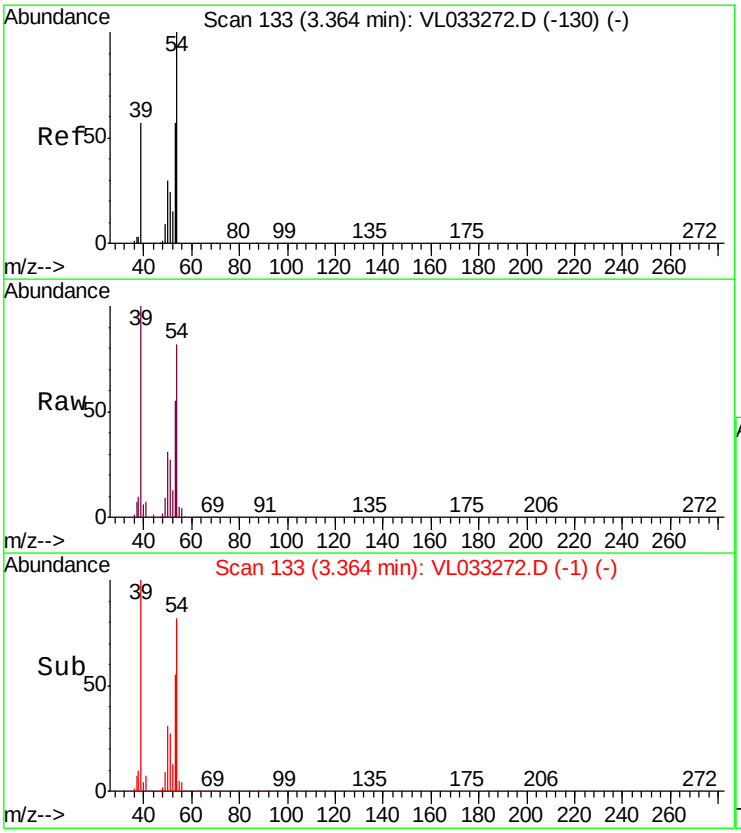
#15
Acetone
Concen: 10.620 ppbv
RT: 3.90 min Scan# 301
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 1211116

Ion	Ratio	Lower	Upper
43	100		
58	26.4	21.1	31.7

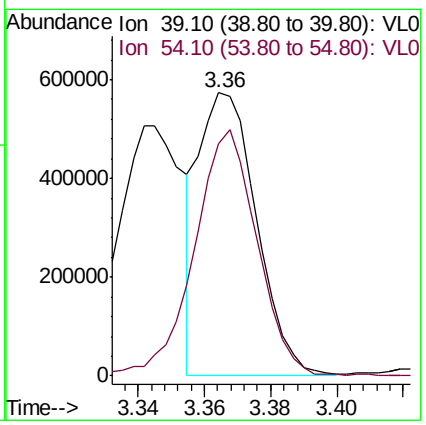


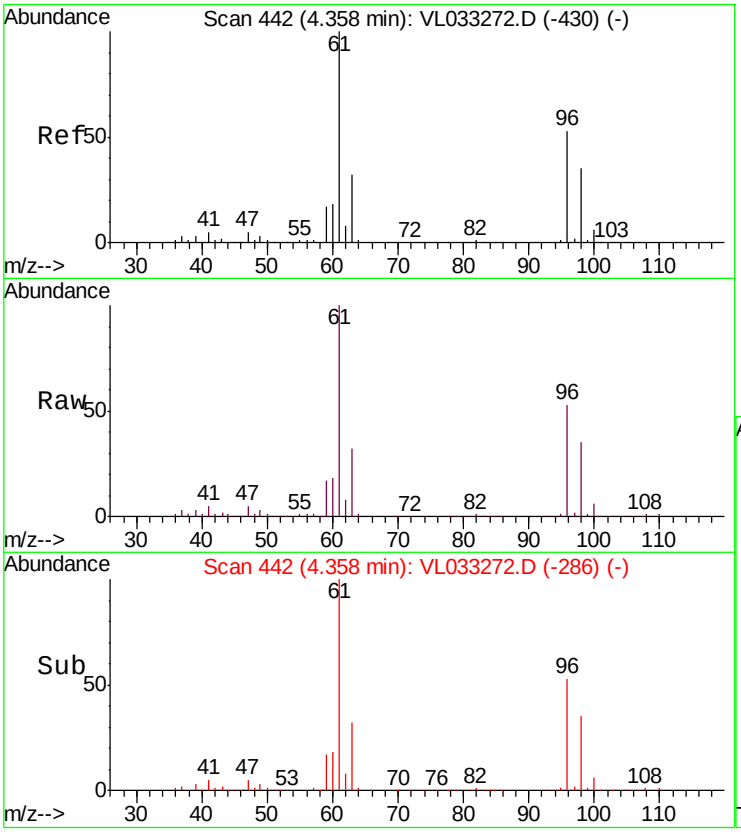


#16
1,3-Butadiene
Concen: 14.014 ppbv
RT: 3.36 min Scan# 133
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Tgt Ion: 39 Resp: 689472

Ion	Ratio	Lower	Upper
39	100		
54	95.7	76.6	114.8



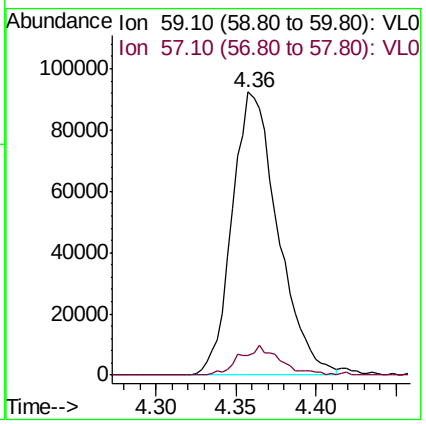


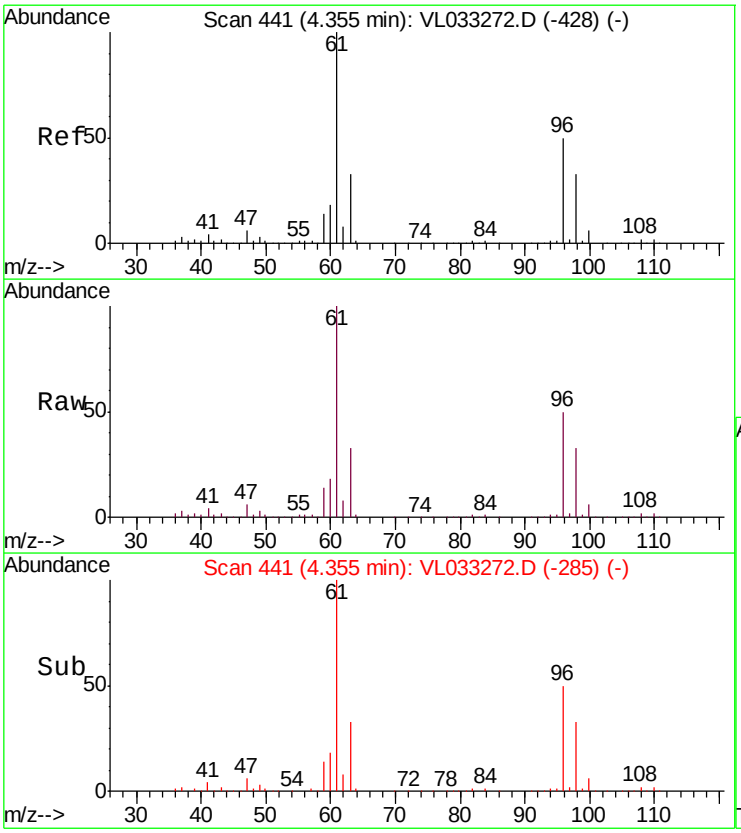
#17
tert-Butyl alcohol
Concen: 10.079 ppbv
RT: 4.36 min Scan# 442
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 59 Resp: 180452

Ion	Ratio	Lower	Upper
59	100		
57	9.4	7.5	11.3

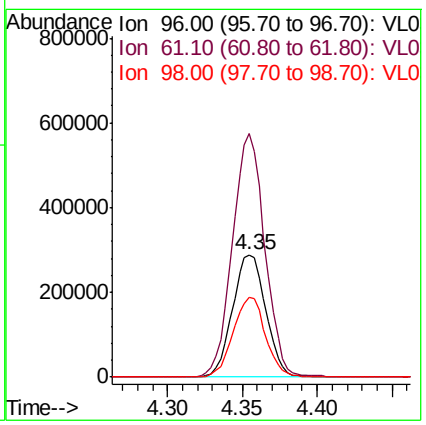


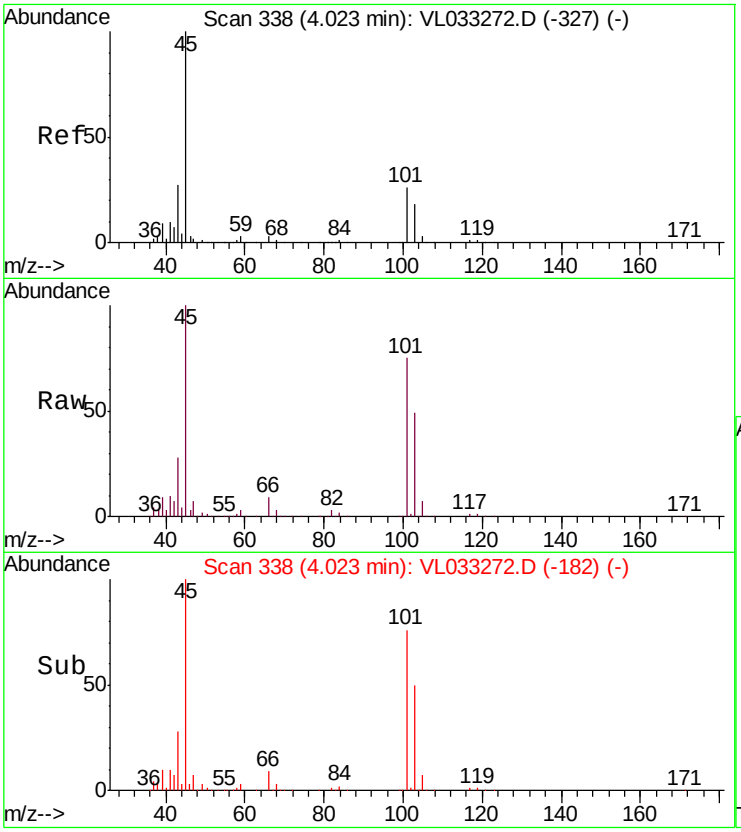


#18
1,1-Dichloroethene
Concen: 10.190 ppbv
RT: 4.35 min Scan# 441
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Tgt Ion: 96 Resp: 446691

Ion	Ratio	Lower	Upper
96	100		
61	198.6	158.9	238.3
98	65.5	52.4	78.6



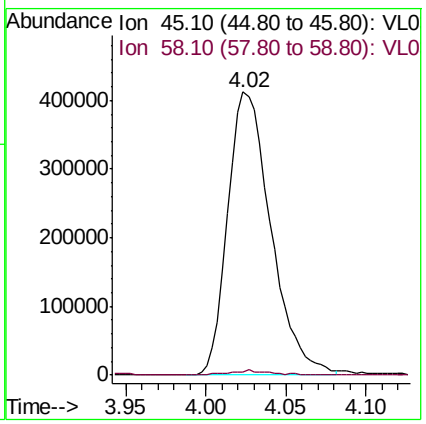


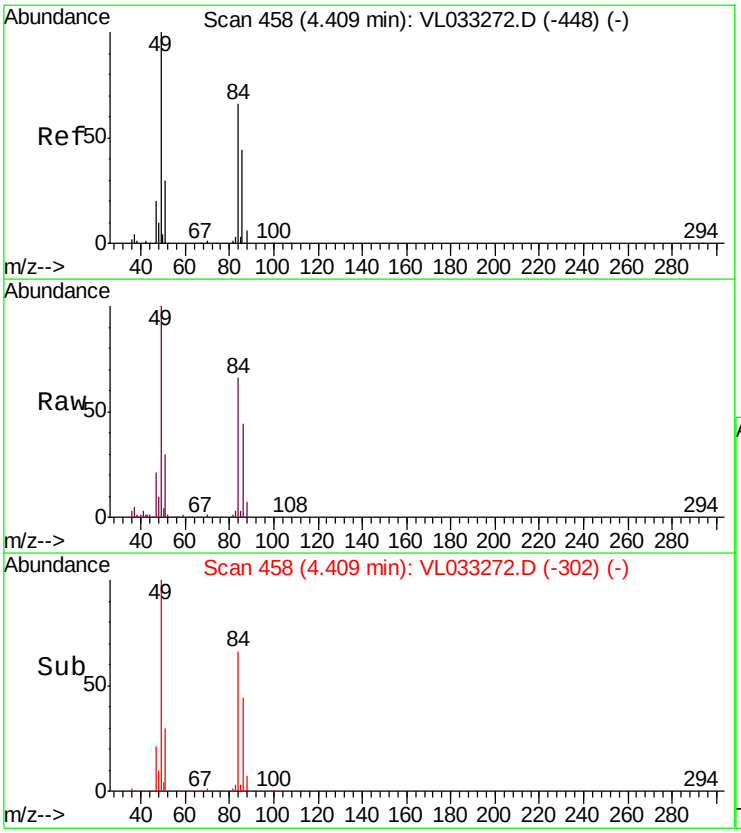
#19
Isopropyl Alcohol
Concen: 11.101 ppbv
RT: 4.02 min Scan# 338
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 45 Resp: 759370

Ion	Ratio	Lower	Upper
45	100		
58	1.8	1.4	2.2

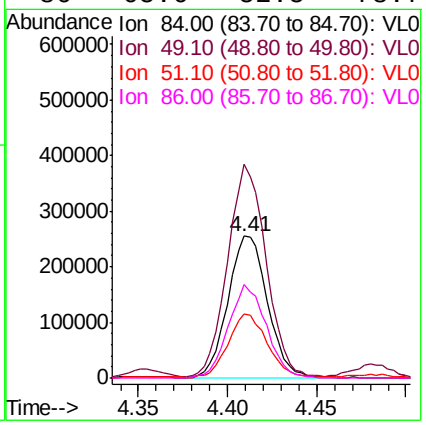


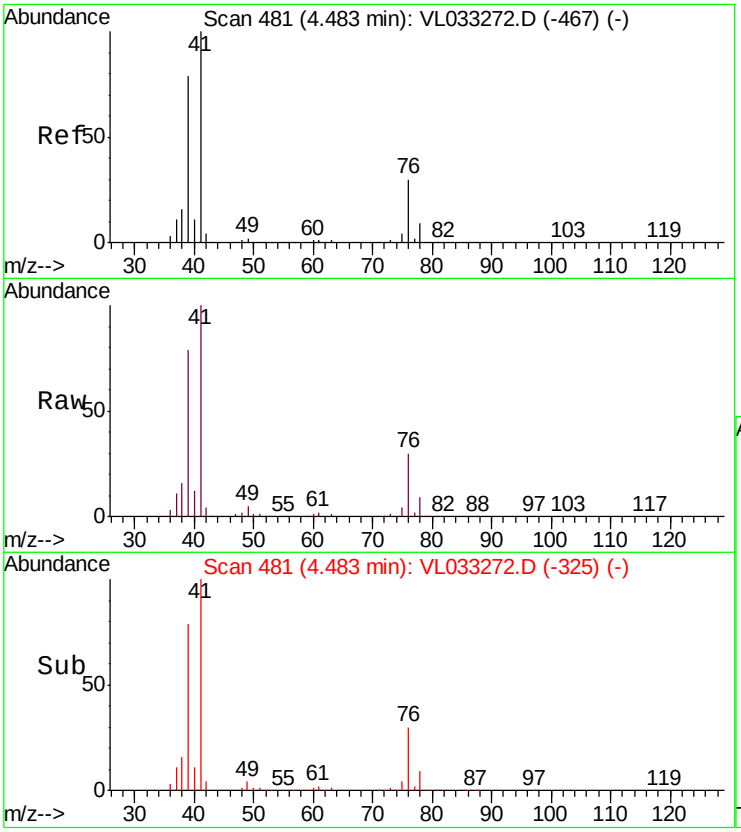


#20
Methylene Chloride
Concen: 8.740 ppbv
RT: 4.41 min Scan# 458
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Tgt Ion: 84 Resp: 393536

Ion	Ratio	Lower	Upper
84	100		
49	150.4	120.3	180.5
51	45.3	36.2	54.4
86	65.6	52.5	78.7



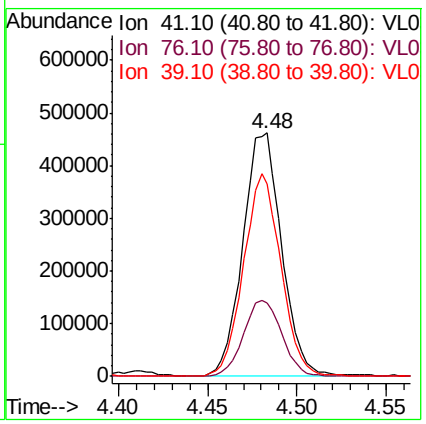


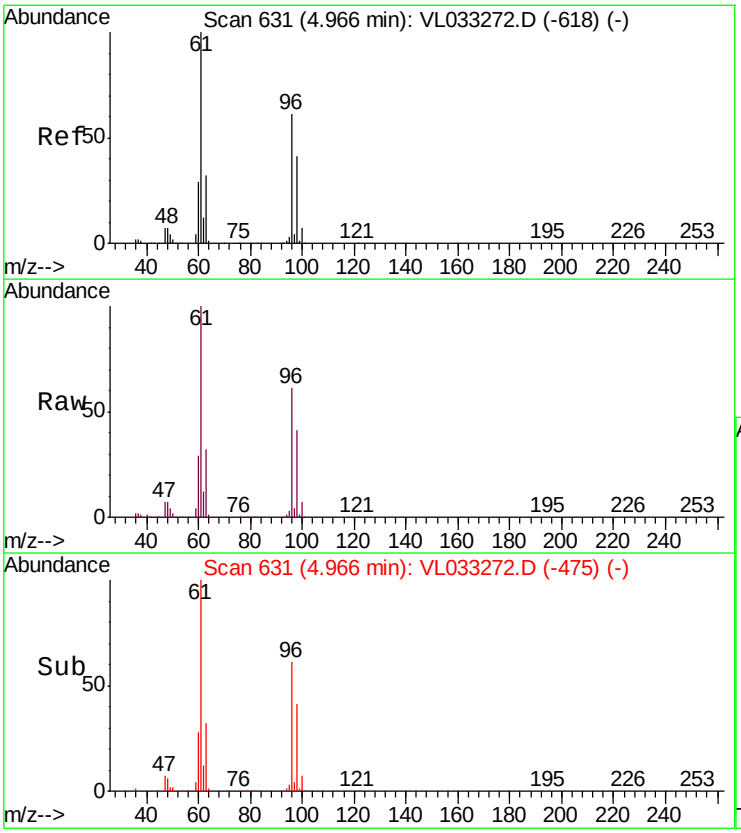
#21
Allyl Chloride
Concen: 10.648 ppbv
RT: 4.48 min Scan# 481
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 41 Resp: 702256

Ion	Ratio	Lower	Upper
41	100		
76	31.1	25.0	37.4
39	80.1	64.2	96.4

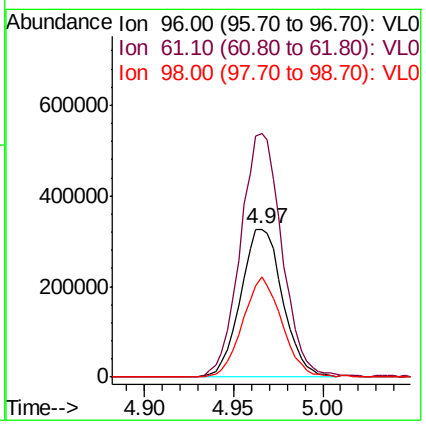


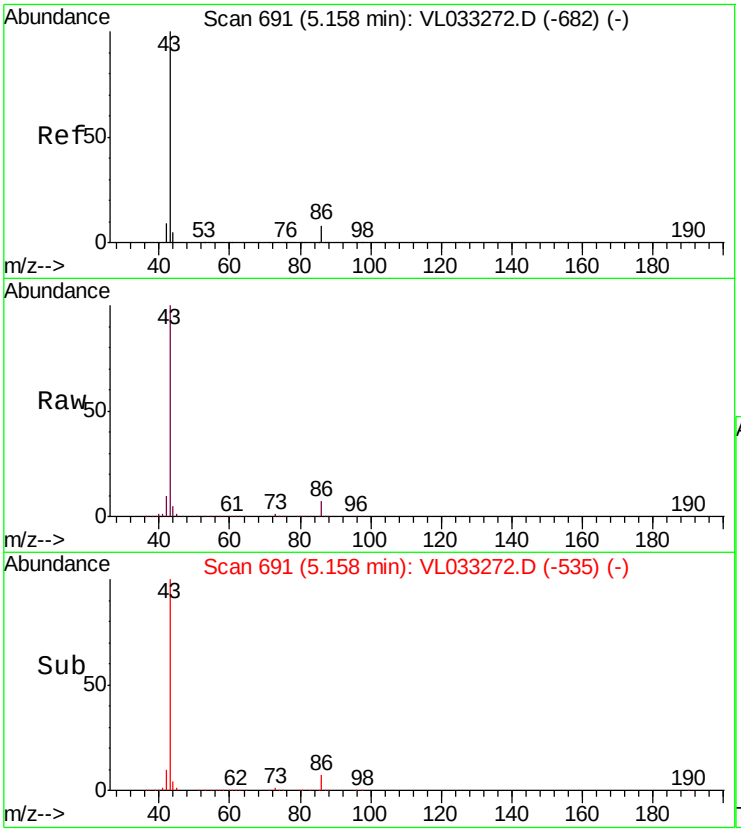


#22
trans-1,2-Dichloroethene
Concen: 11.473 ppbv
RT: 4.97 min Scan# 631
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Tgt Ion: 96 Resp: 536221

Ion	Ratio	Lower	Upper
96	100		
61	164.5	131.6	197.4
98	67.6	54.1	81.1



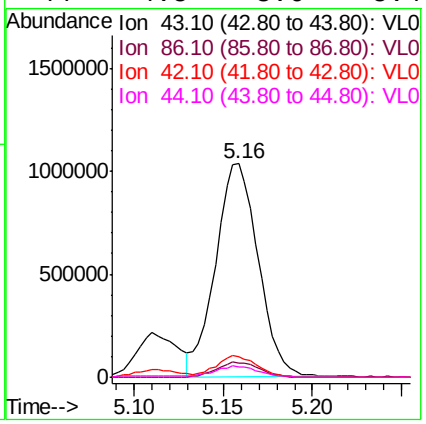


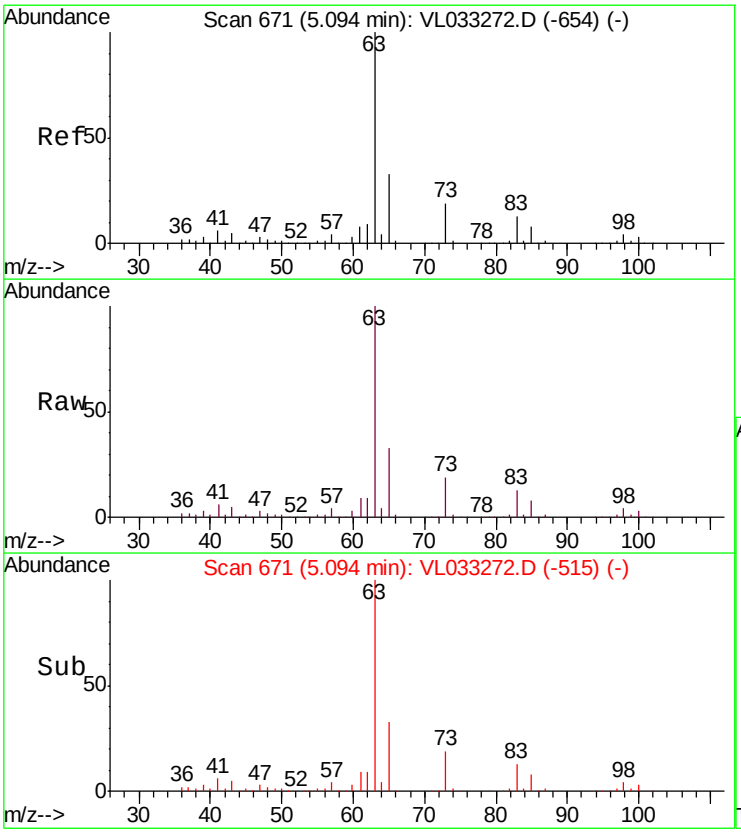
#23
Vinyl Acetate
Concen: 10.861 ppbv
RT: 5.16 min Scan# 691
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 43 Resp: 1717182

Ion	Ratio	Lower	Upper
43	100		
86	6.9	5.5	8.3
42	9.7	7.8	11.6
44	4.5	3.6	5.4

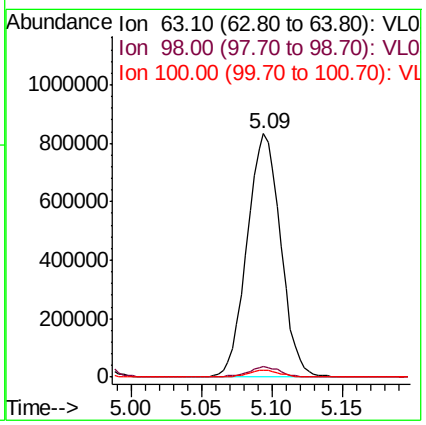


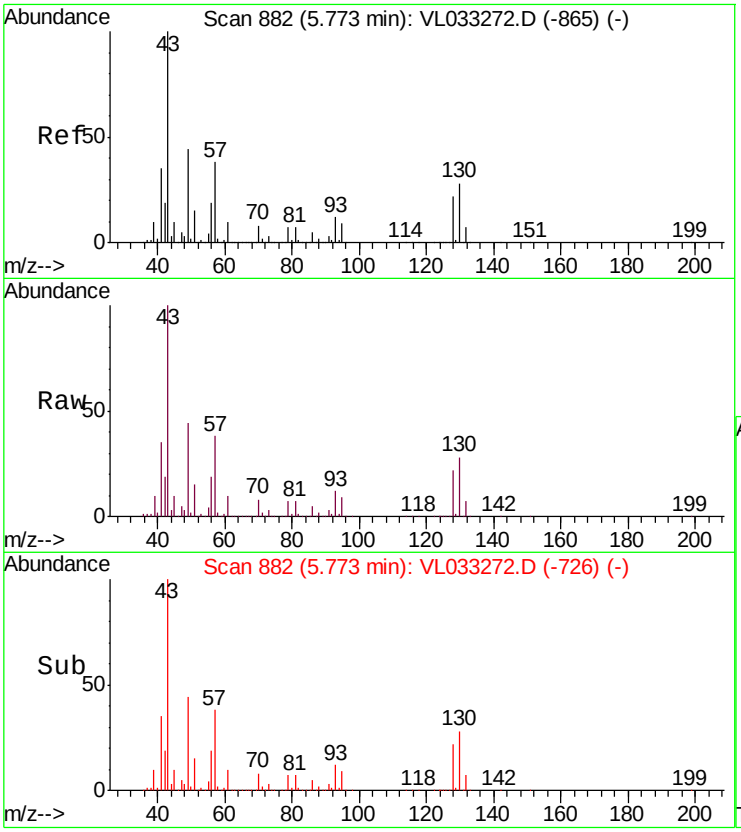


#24
1,1-Dichloroethane
Concen: 11.600 ppbv
RT: 5.09 min Scan# 671
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Tgt Ion: 63 Resp: 1391170

Ion	Ratio	Lower	Upper
63	100		
98	4.4	2.2	6.6
100	2.9	1.5	4.4



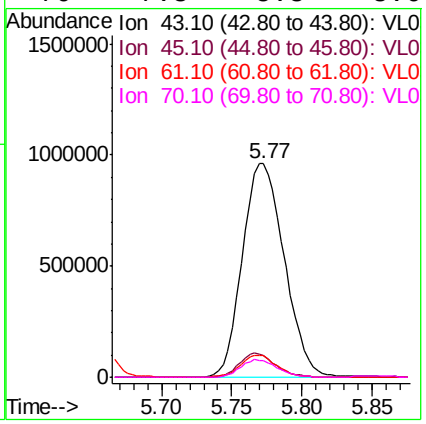


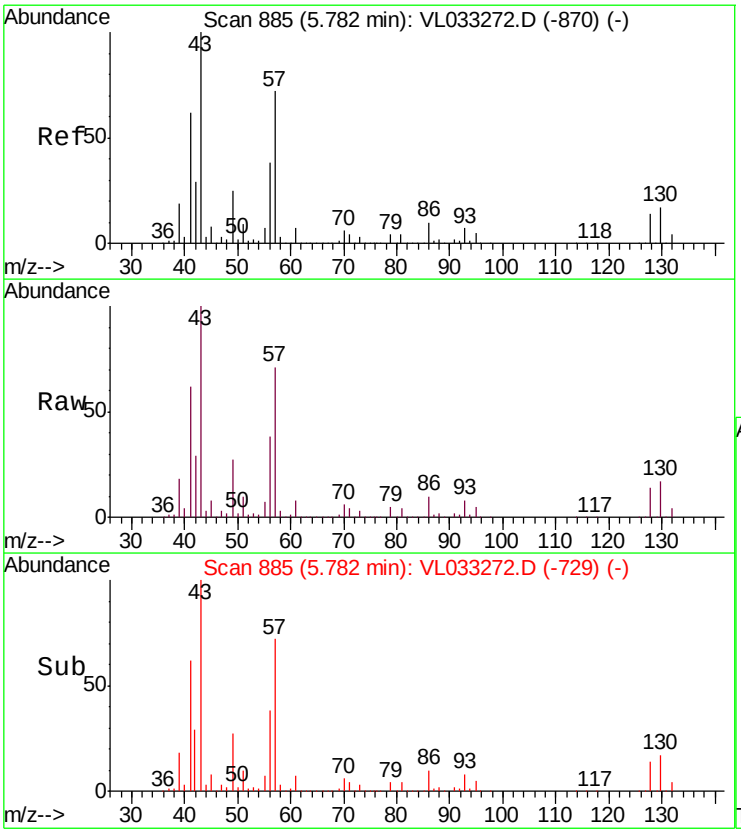
#25
Ethyl Acetate
Concen: 9.565 ppbv
RT: 5.77 min Scan# 882
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 43 Resp: 1996801

Ion	Ratio	Lower	Upper
43	100		
45	9.7	7.8	11.6
61	9.1	7.3	10.9
70	7.3	5.8	8.6

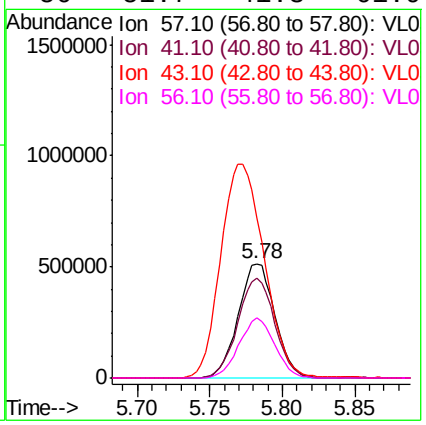


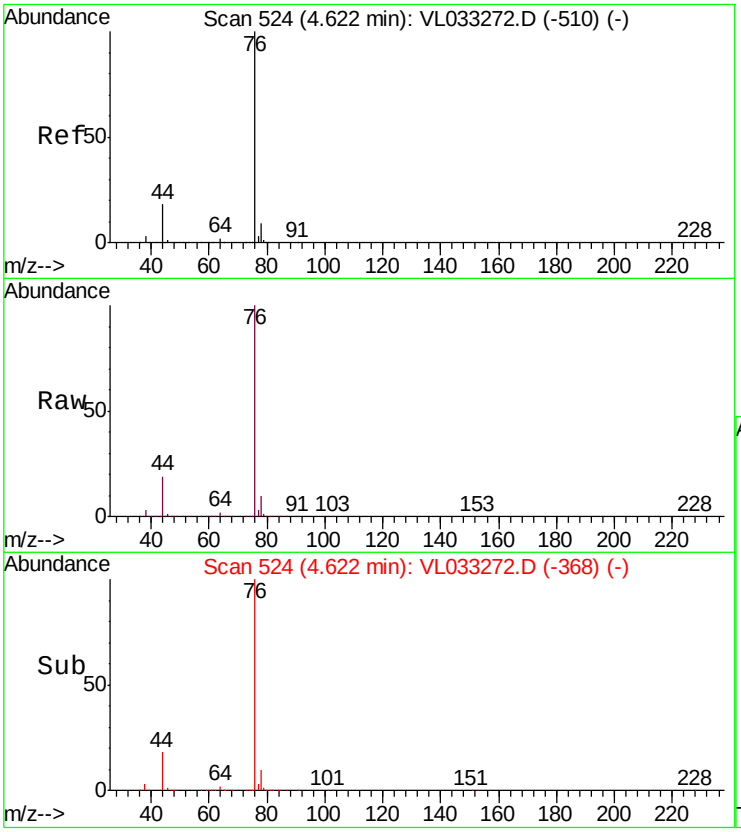


#26
Hexane
Concen: 9.160 ppbv
RT: 5.78 min Scan# 885
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Tgt Ion: 57 Resp: 901270

Ion	Ratio	Lower	Upper
57	100		
41	88.3	70.7	106.1
43	222.6	178.6	267.8
56	51.7	41.3	61.9



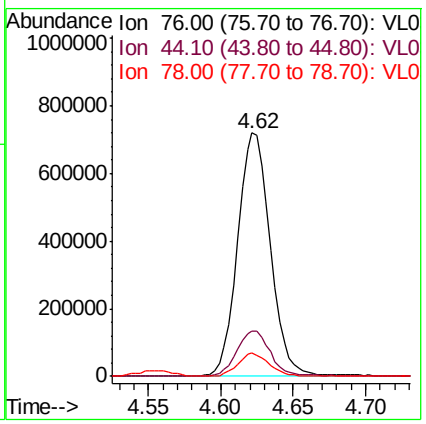


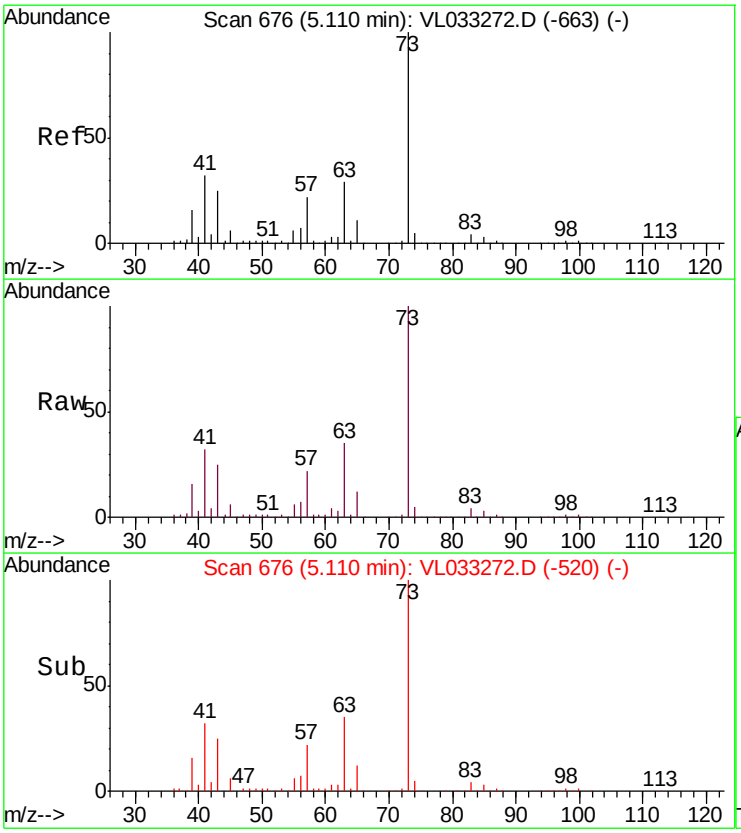
#27
Carbon Disulfide
Concen: 11.334 ppbv
RT: 4.62 min Scan# 524
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 76 Resp: 1129002

Ion	Ratio	Lower	Upper
76	100		
44	18.9	15.1	22.7
78	9.2	7.4	11.0

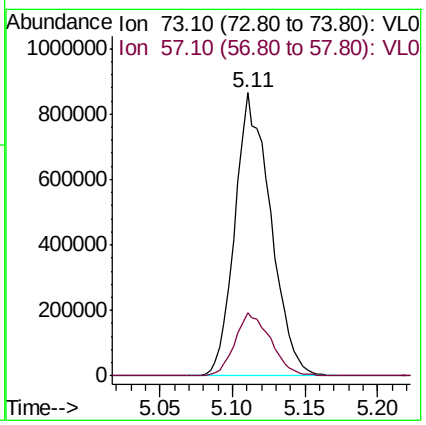


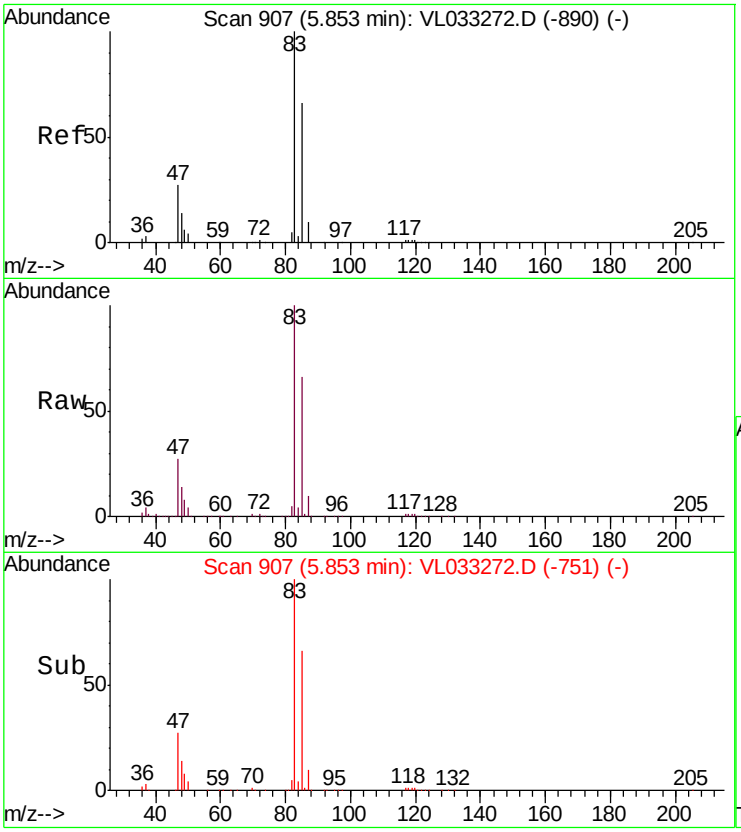


#28
Methyl tert-Butyl Ether
Concen: 11.412 ppbv
RT: 5.11 min Scan# 676
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Tgt Ion: 73 Resp: 1480690

Ion	Ratio	Lower	Upper
73	100		
57	22.4	17.9	26.9



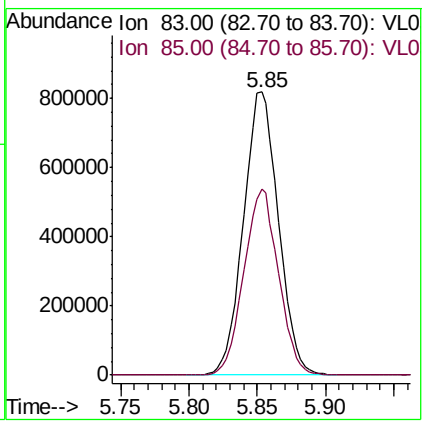


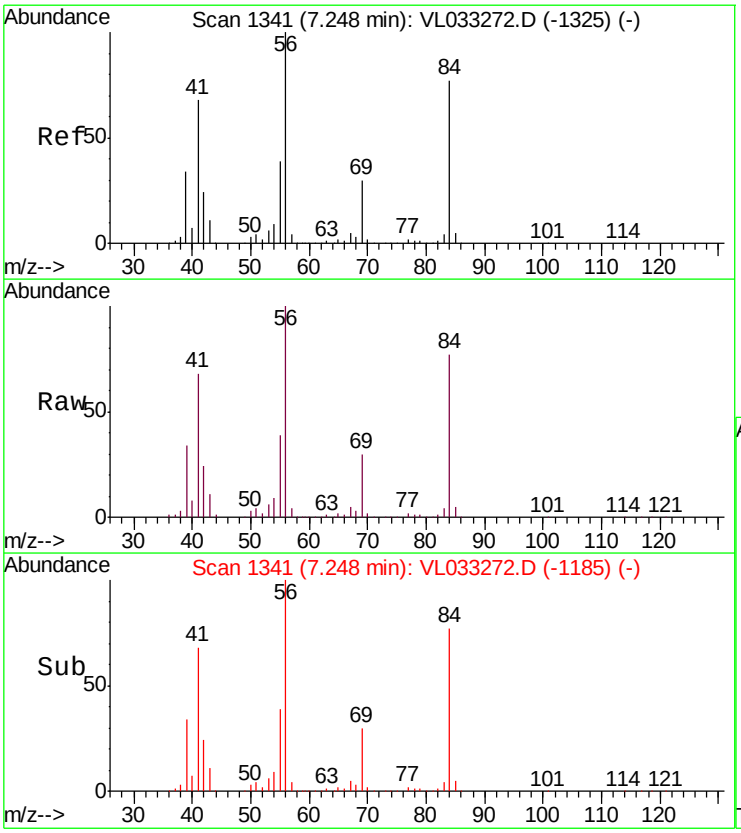
#29
Chloroform
Concen: 9.731 ppbv
RT: 5.85 min Scan# 907
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 83 Resp: 1456386

Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.5	78.7

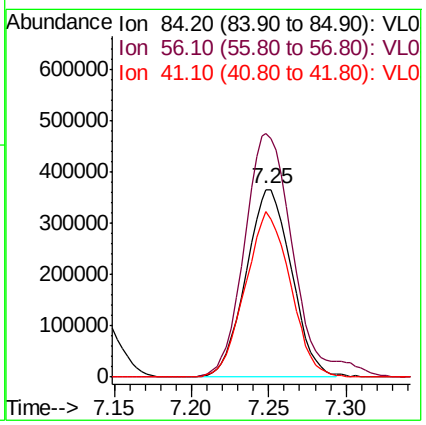


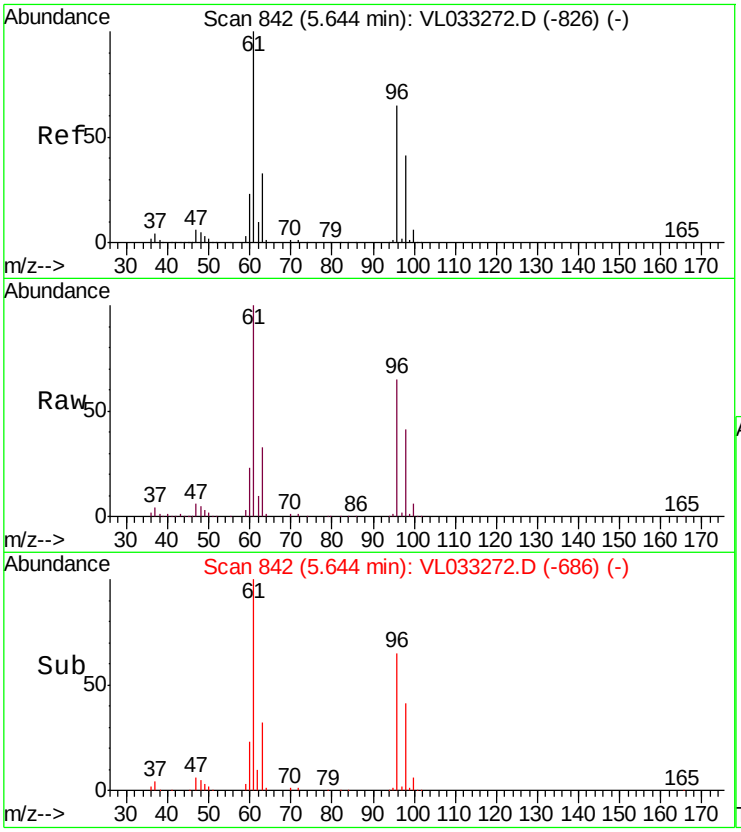


#30
Cyclohexane
Concen: 10.114 ppbv
RT: 7.25 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Tgt Ion: 84 Resp: 747740

Ion	Ratio	Lower	Upper
84	100		
56	140.1	112.0	168.0
41	87.3	69.9	104.9



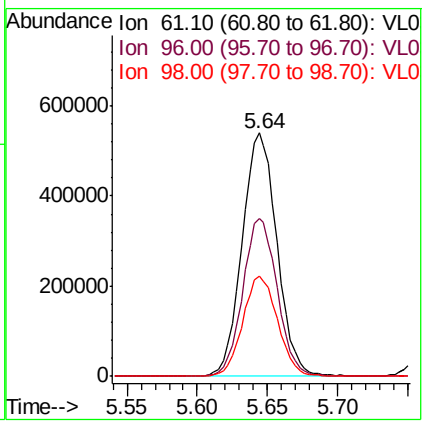


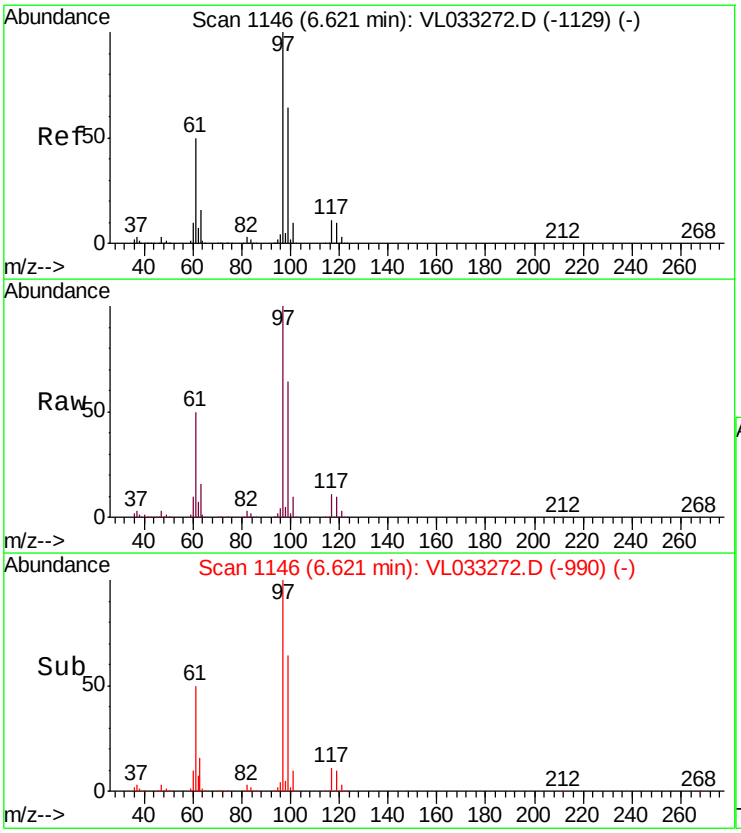
#31
cis-1,2-Dichloroethene
Concen: 10.039 ppbv
RT: 5.64 min Scan# 842
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 61 Resp: 933278

Ion	Ratio	Lower	Upper
61	100		
96	64.8	51.8	77.8
98	41.1	32.9	49.3

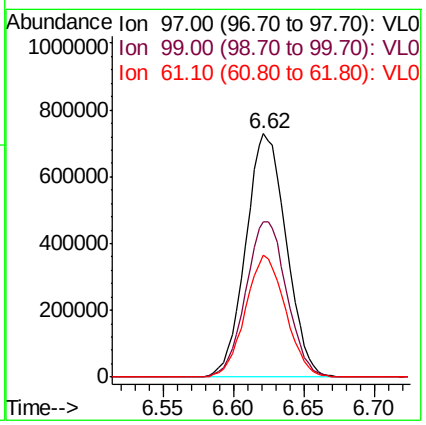


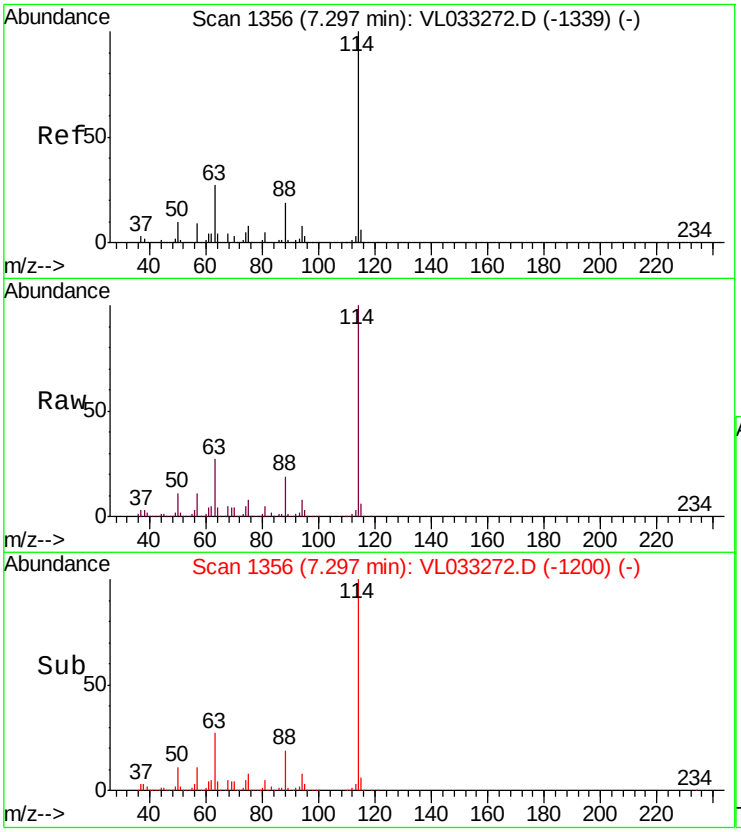


#32
1,1,1-Trichloroethane
Concen: 10.392 ppbv
RT: 6.62 min Scan# 1146
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Tgt Ion: 97 Resp: 1466363

Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.7	77.5
61	49.6	39.7	59.5



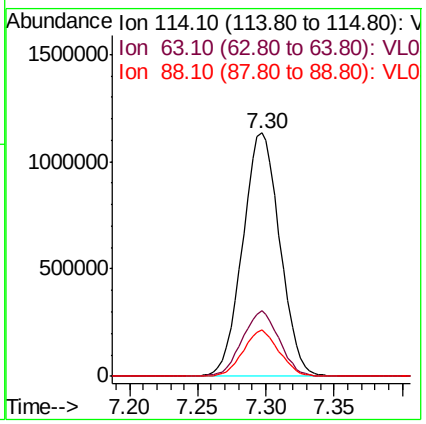


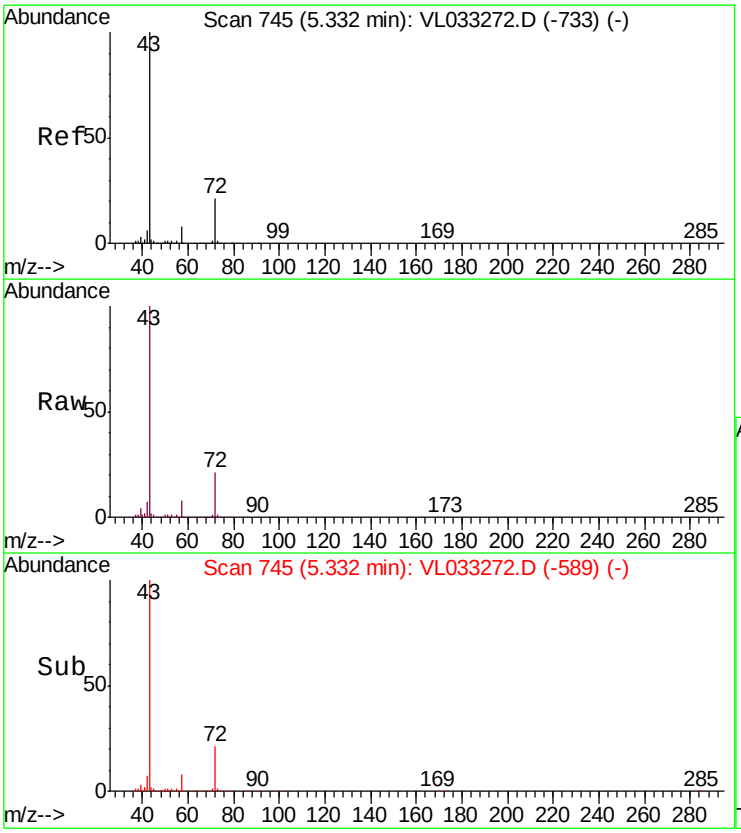
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1356
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:114 Resp: 2147556

Ion	Ratio	Lower	Upper
114	100		
63	26.9	21.5	32.3
88	18.3	14.6	22.0

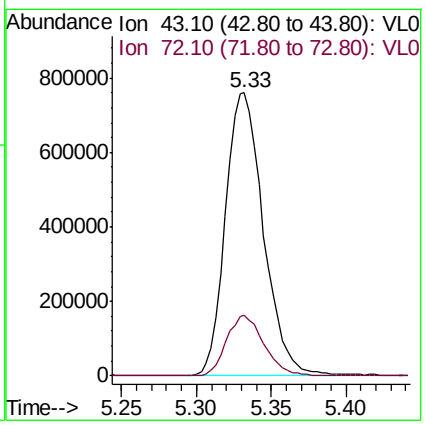


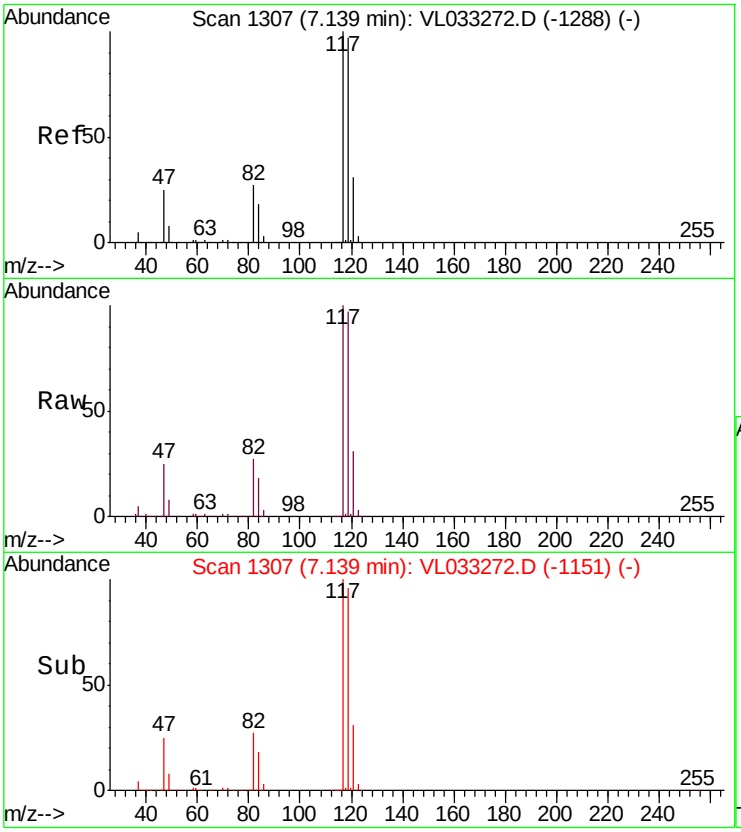


#34
2-Butanone
Concen: 10.042 ppbv
RT: 5.33 min Scan# 745
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Tgt Ion: 43 Resp: 1337019

Ion	Ratio	Lower	Upper
43	100		
72	21.3	17.0	25.6



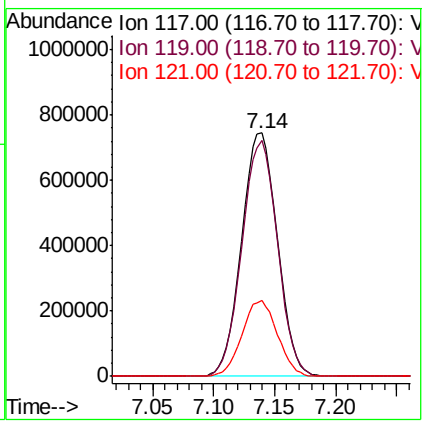


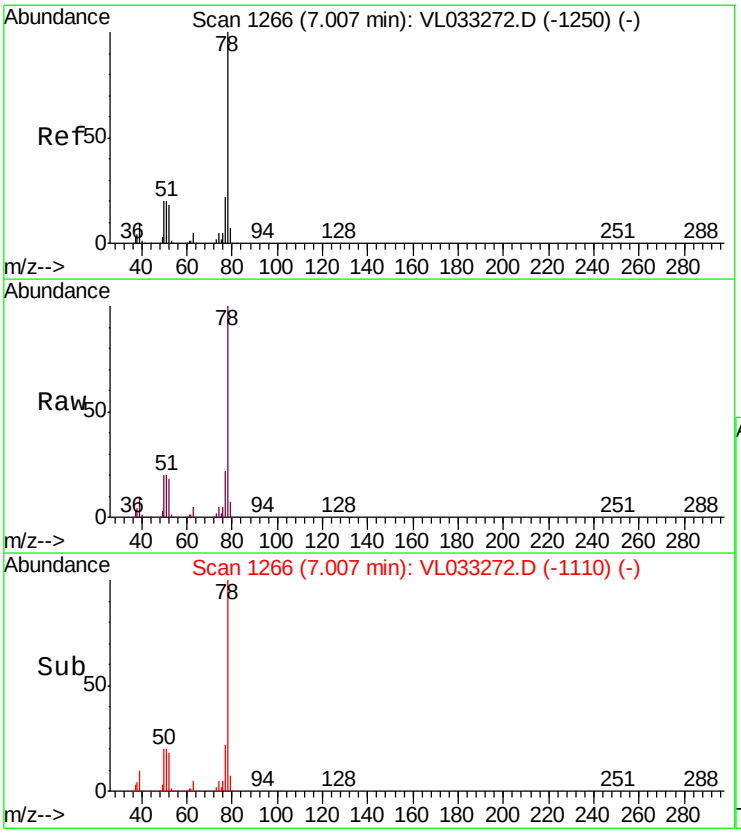
#35
Carbon Tetrachloride
Concen: 10.256 ppbv
RT: 7.14 min Scan# 1307
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 1508624

Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.4	116.0
121	31.1	24.9	37.3

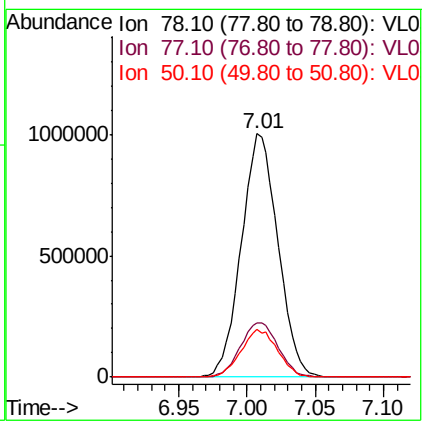


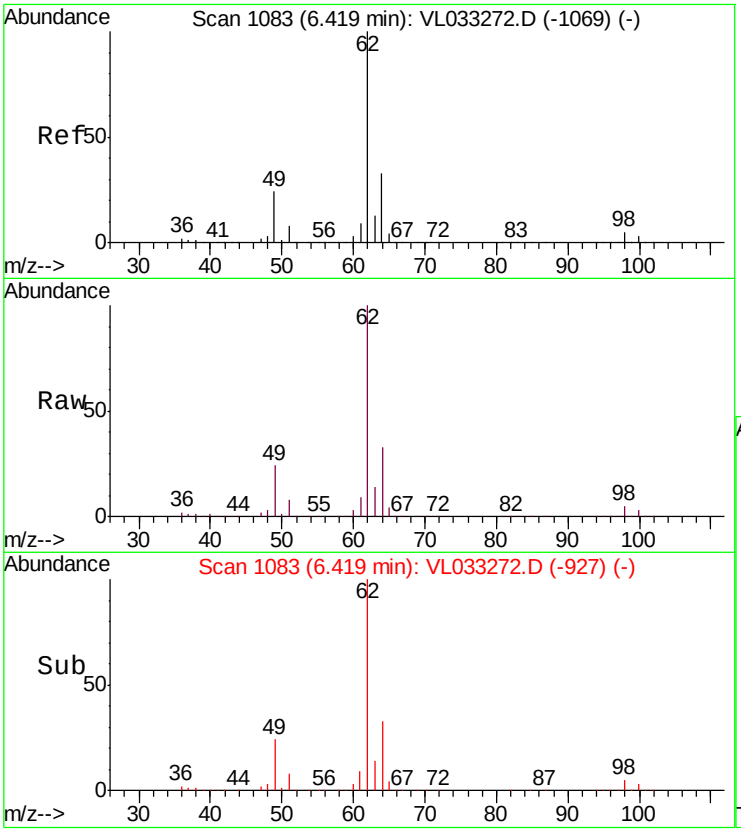


#36
Benzene
Concen: 9.832 ppbv
RT: 7.01 min Scan# 1266
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Tgt Ion: 78 Resp: 1866548

Ion	Ratio	Lower	Upper
78	100		
77	22.1	17.7	26.5
50	19.6	15.7	23.5



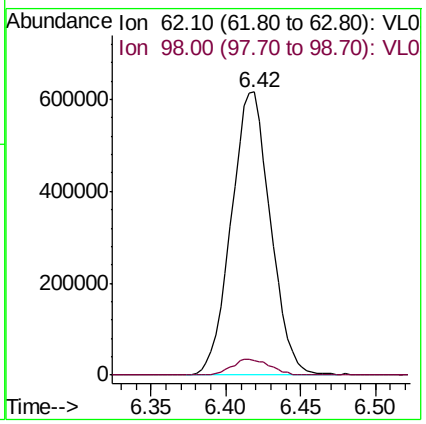


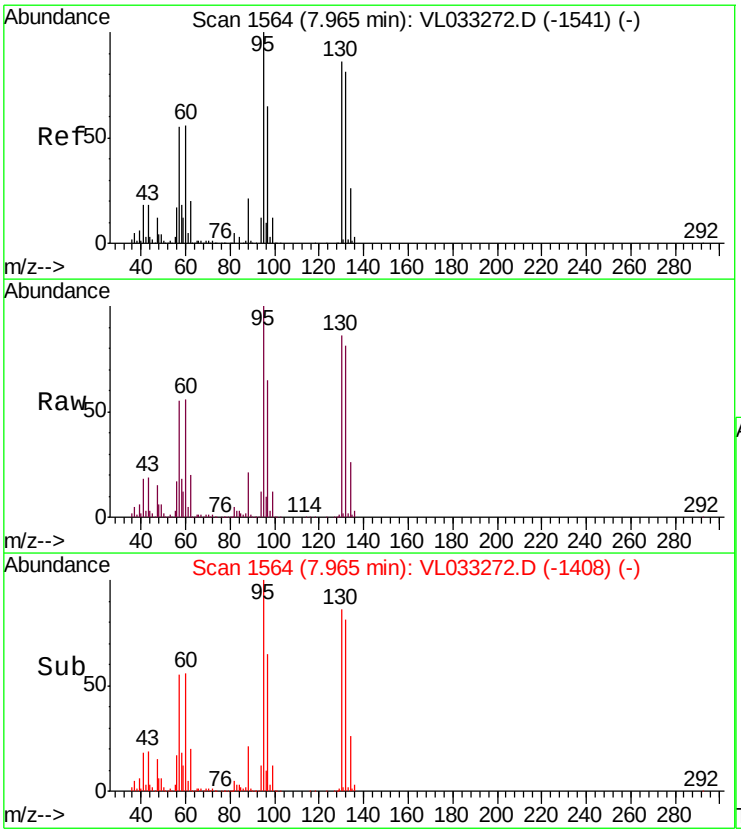
#37
1,2-Dichloroethane
Concen: 9.278 ppbv
RT: 6.42 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 62 Resp: 1124998

Ion	Ratio	Lower	Upper
62	100		
98	5.6	4.5	6.7

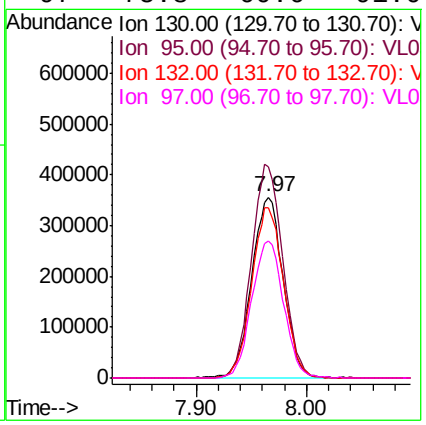


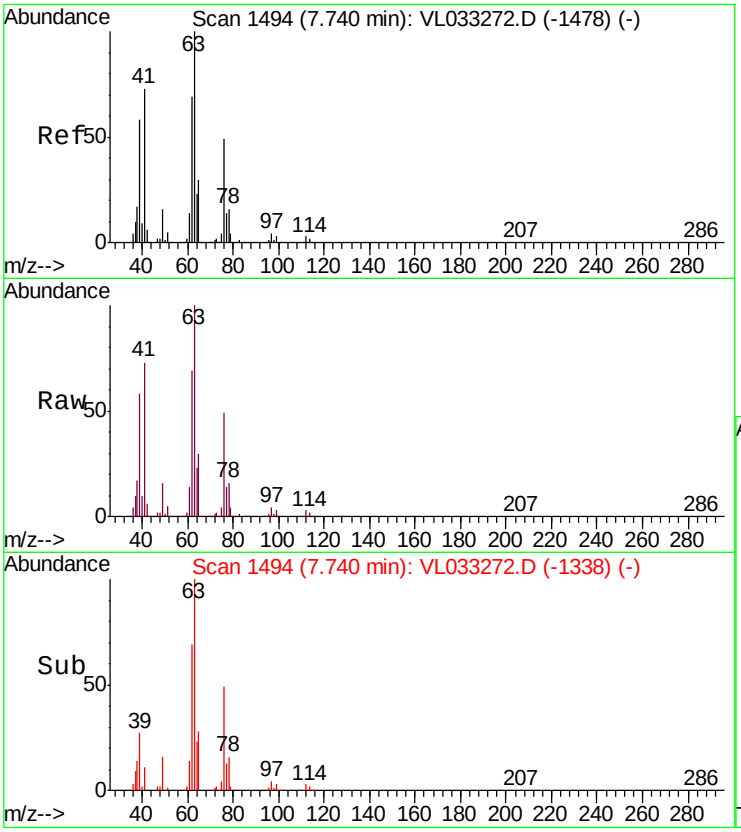


#38
Trichloroethene
Concen: 9.791 ppbv
RT: 7.97 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Tgt Ion:130 Resp: 703243

Ion	Ratio	Lower	Upper
130	100		
95	116.6	93.3	139.9
132	94.3	75.4	113.2
97	75.8	60.6	91.0



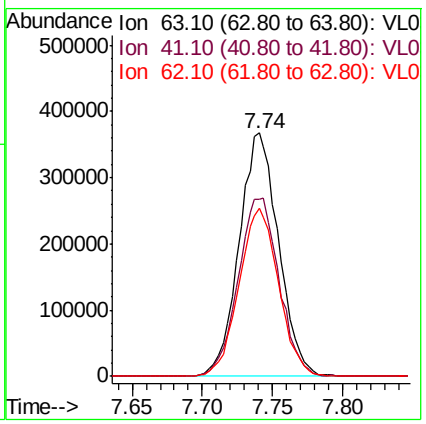


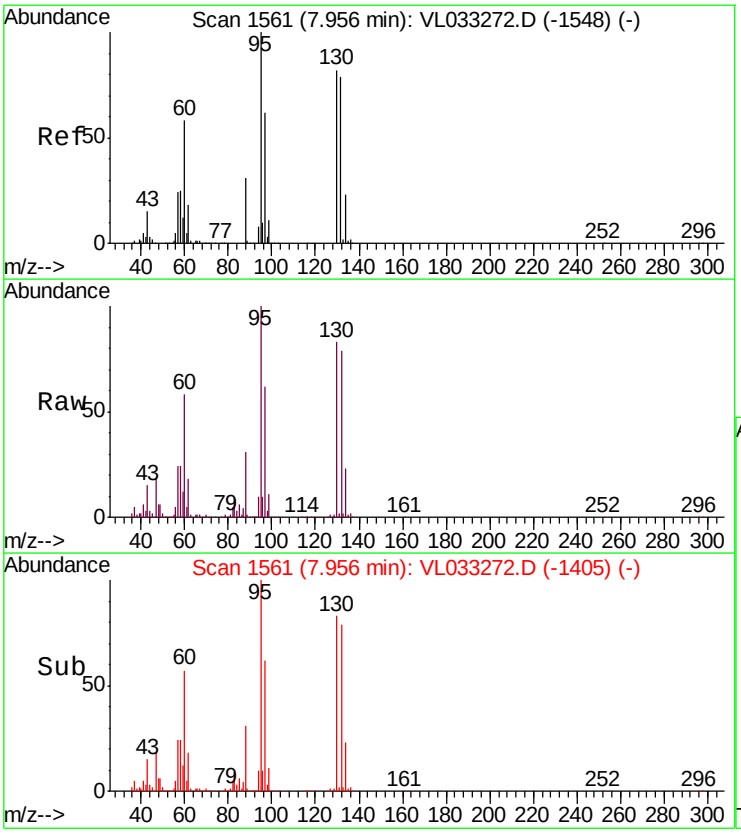
#39
1,2-Dichloropropane
Concen: 9.894 ppbv
RT: 7.74 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 63 Resp: 718569

Ion	Ratio	Lower	Upper
63	100		
41	72.9	58.3	87.5
62	69.1	55.3	82.9

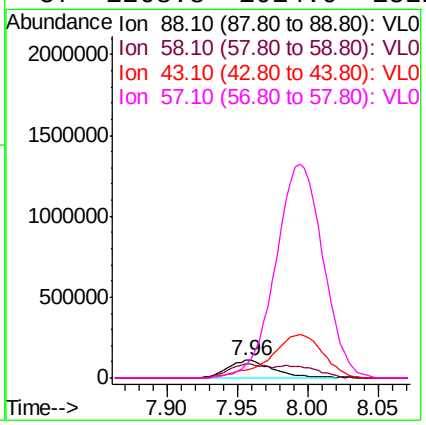


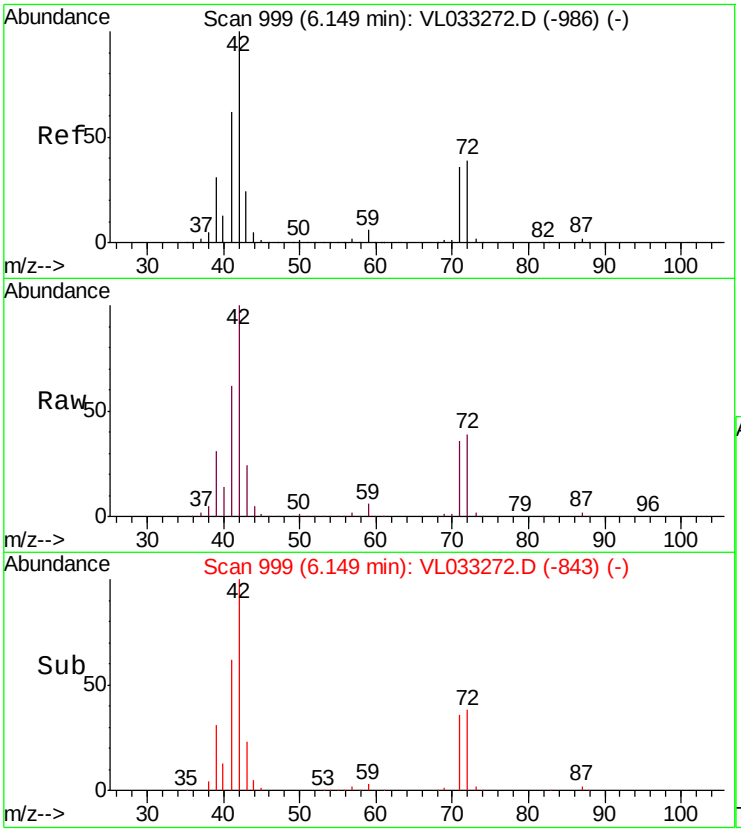


#40
1,4-Dioxane
Concen: 9.192 ppbv
RT: 7.96 min Scan# 1561
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Tgt Ion: 88 Resp: 244776

Ion	Ratio	Lower	Upper
88	100		
58	133.4	107.0	160.6
43	290.4	230.2	345.4
57	1268.8	1014.9	1522.3



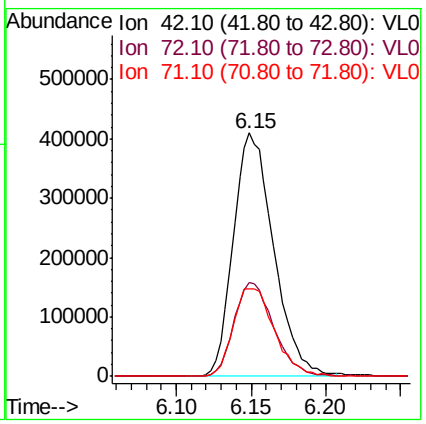


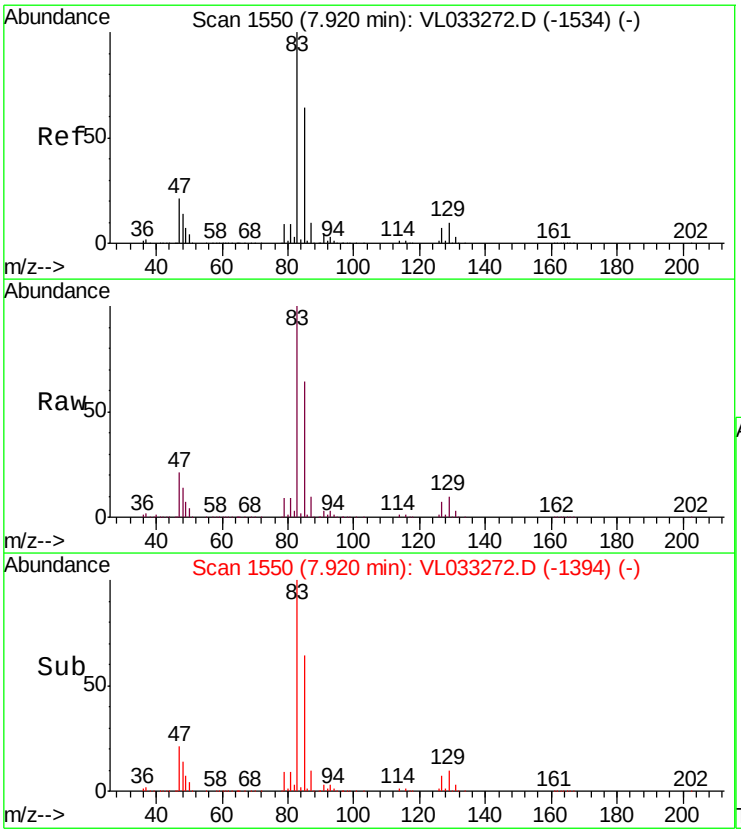
#41
Tetrahydrofuran
Concen: 10.181 ppbv
RT: 6.15 min Scan# 999
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 42 Resp: 767085

Ion	Ratio	Lower	Upper
42	100		
72	38.4	30.6	46.0
71	37.3	29.7	44.5

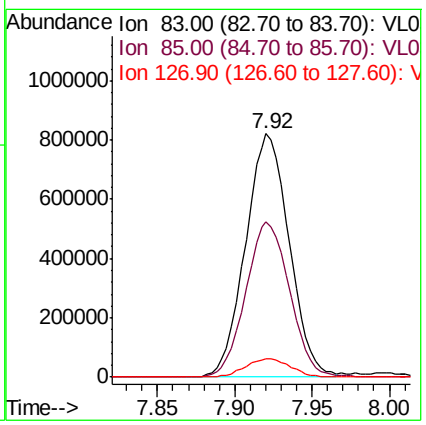


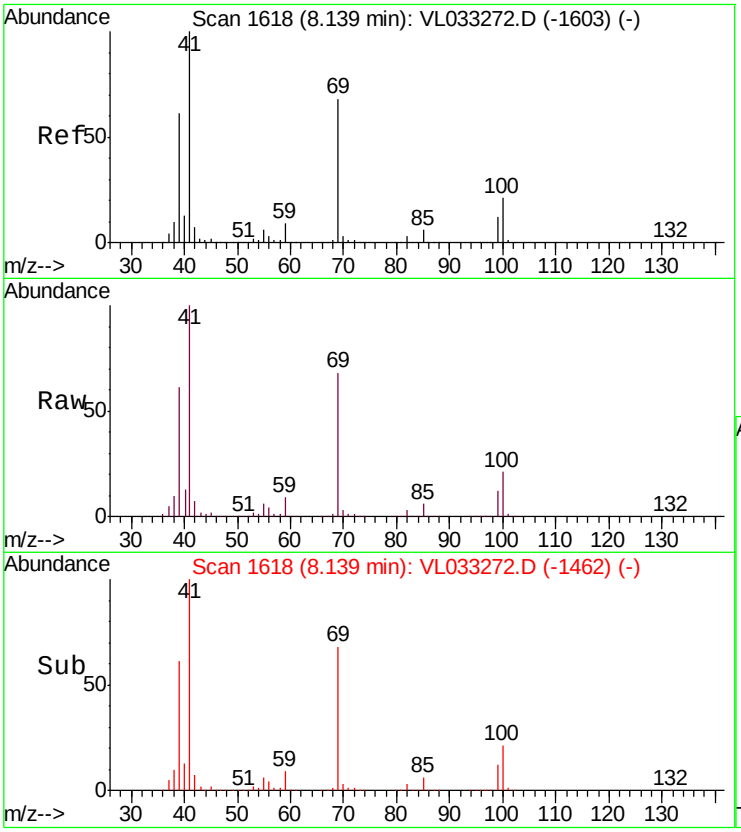


#42
Bromodichloromethane
Concen: 9.961 ppbv
RT: 7.92 min Scan# 1550
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Tgt Ion: 83 Resp: 1611044

Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.0	76.4
127	7.5	6.0	9.0



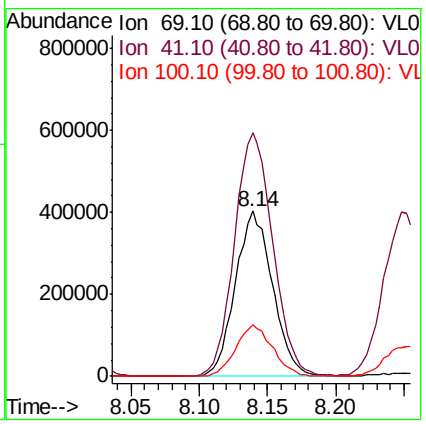


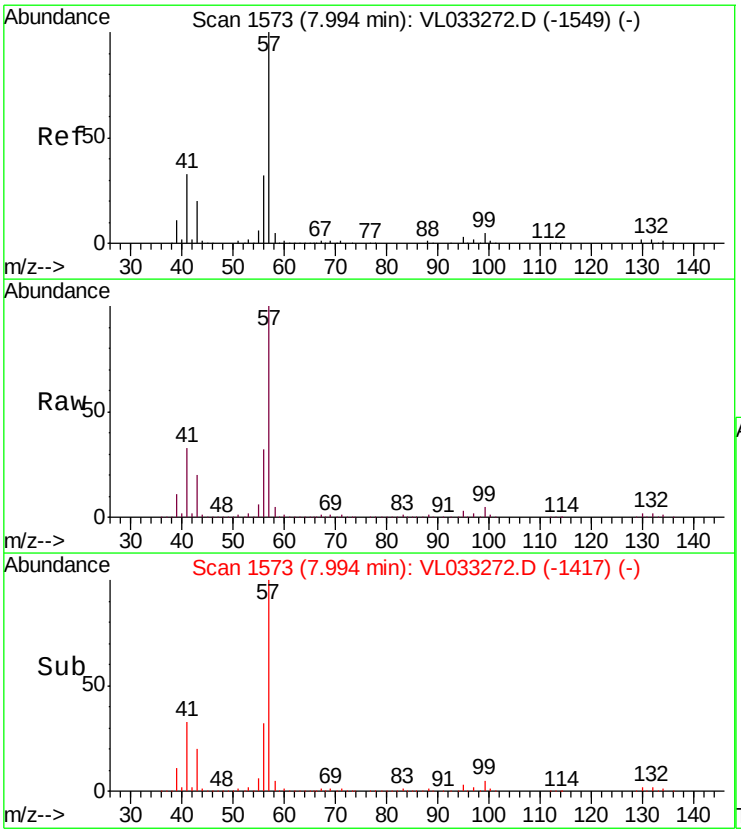
#43
Methyl Methacrylate
Concen: 10.316 ppbv
RT: 8.14 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 69 Resp: 764891

Ion	Ratio	Lower	Upper
69	100		
41	151.2	121.0	181.4
100	30.6	24.4	36.6

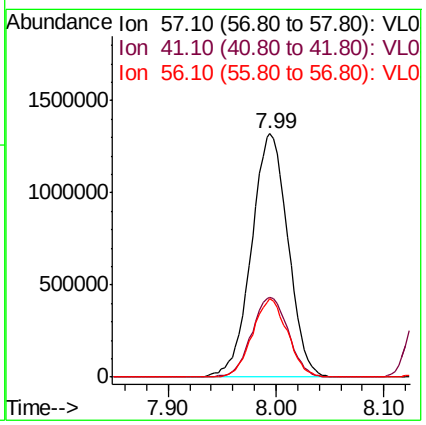


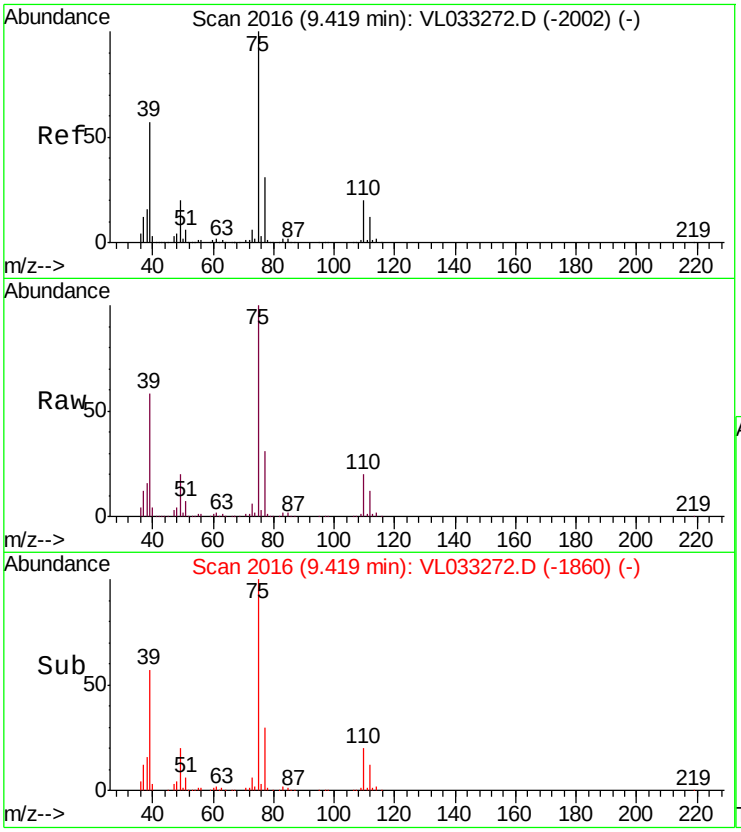


#44
2,2,4-Trimethylpentane
Concen: 9.472 ppbv
RT: 7.99 min Scan# 1573
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Tgt Ion: 57 Resp: 3101138

Ion	Ratio	Lower	Upper
57	100		
41	32.7	26.2	39.2
56	31.0	24.8	37.2



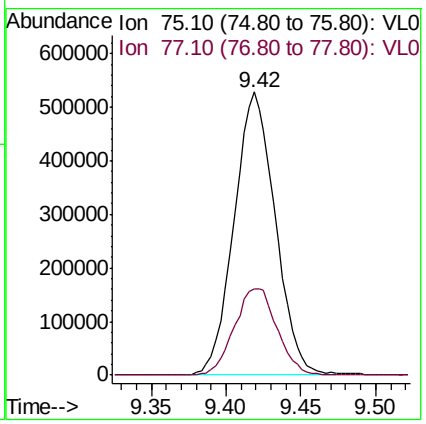


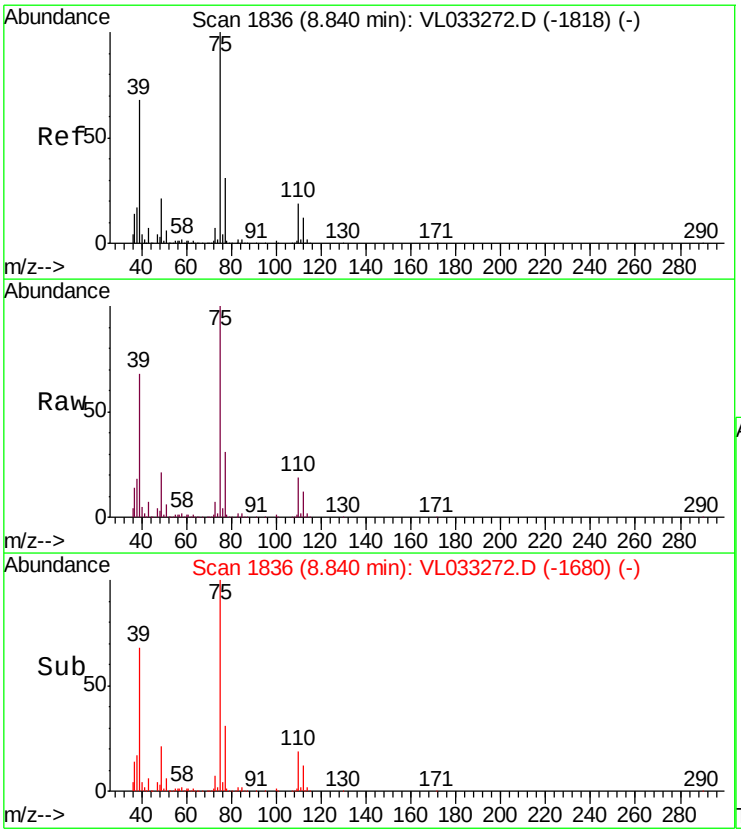
#45
t-1,3-Dichloropropene
Concen: 11.218 ppbv
RT: 9.42 min Scan# 2016
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 75 Resp: 1008572

Ion	Ratio	Lower	Upper
75	100		
77	30.5	24.4	36.6

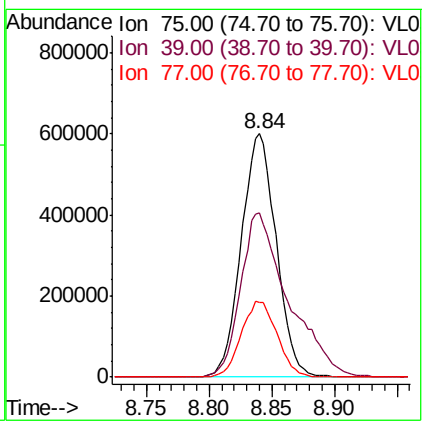


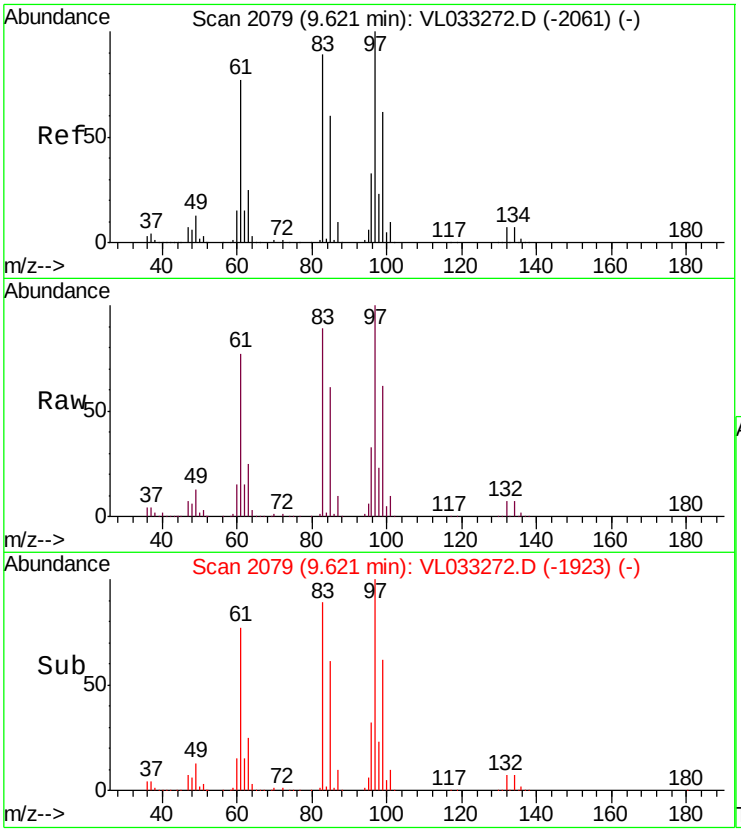


#46
cis-1,3-Dichloropropene
Concen: 10.980 ppbv
RT: 8.84 min Scan# 1836
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Tgt Ion: 75 Resp: 1163268

Ion	Ratio	Lower	Upper
75	100		
39	67.7	54.2	81.2
77	30.6	24.5	36.7



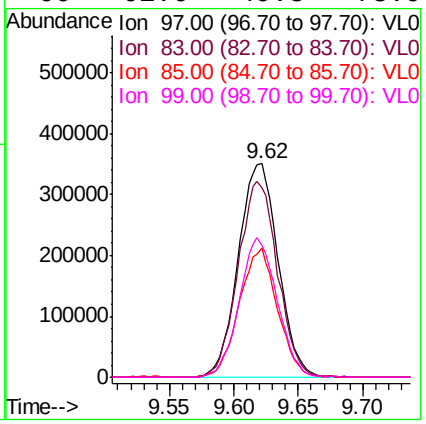


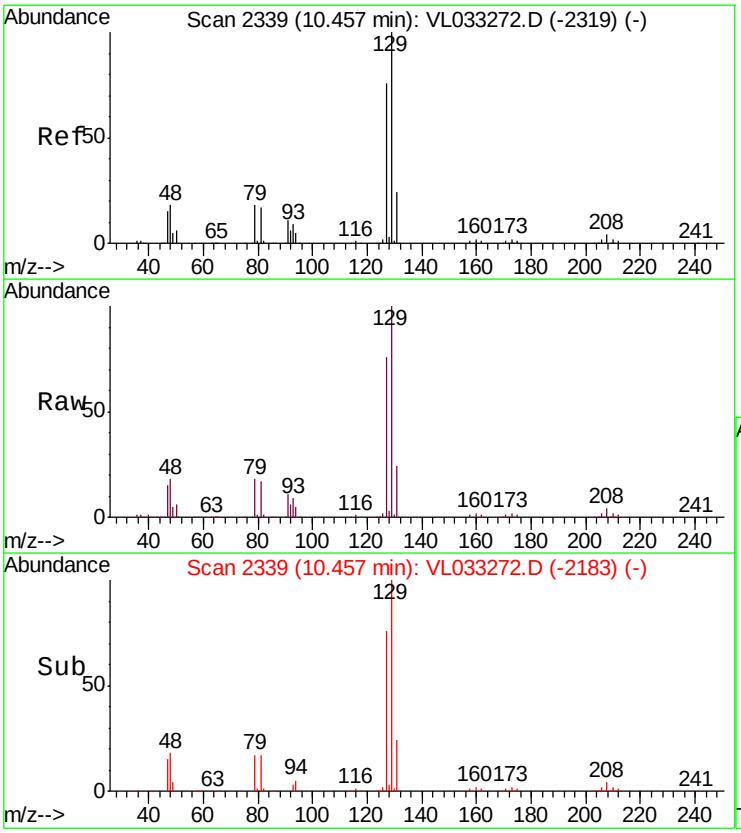
#47
1,1,2-Trichloroethane
Concen: 9.691 ppbv
RT: 9.62 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 97 Resp: 755629

Ion	Ratio	Lower	Upper
97	100		
83	88.7	71.0	106.4
85	60.3	48.2	72.4
99	61.6	49.3	73.9

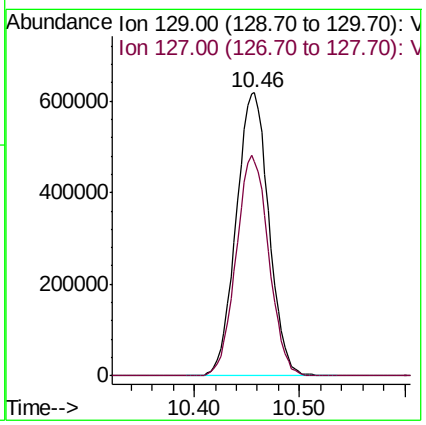


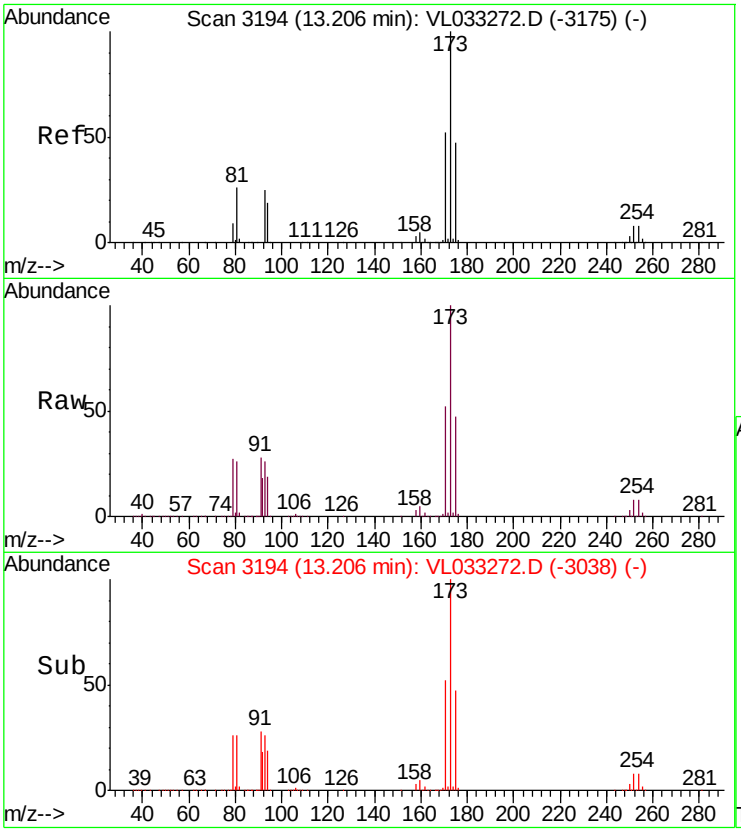


#48
Dibromochloromethane
Concen: 10.420 ppbv
RT: 10.46 min Scan# 2339
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Tgt Ion:129 Resp: 1331743

Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.9	116.6



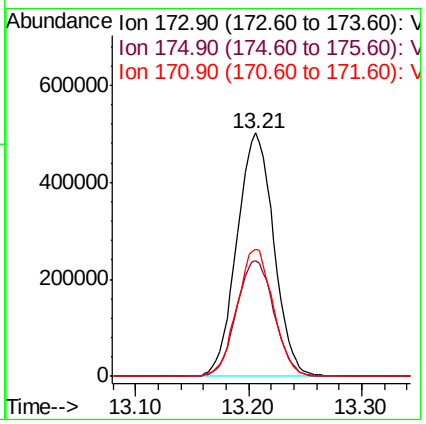


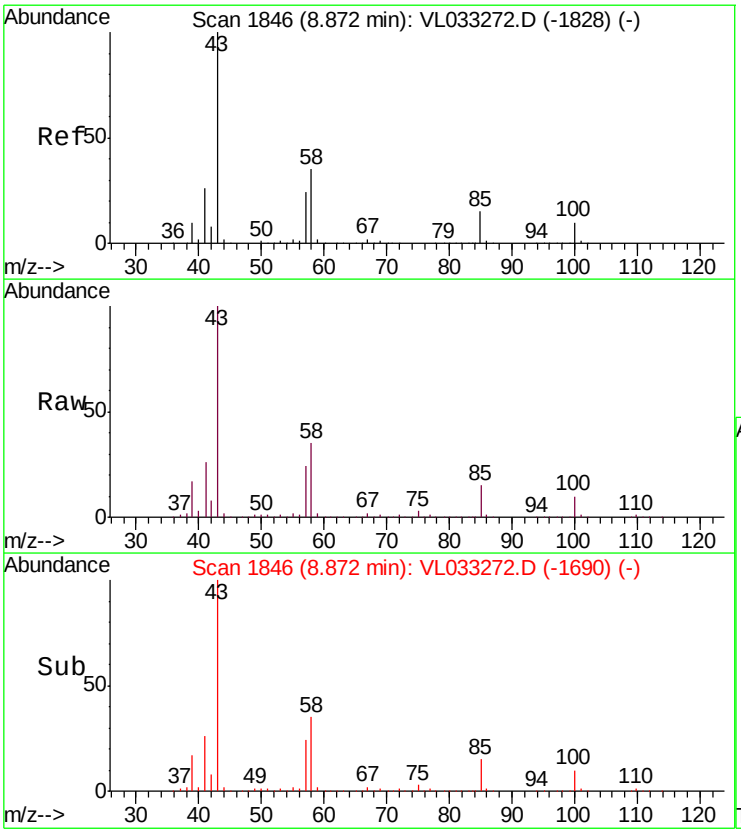
#49
Bromoform
Concen: 9.897 ppbv
RT: 13.21 min Scan# 3194
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:173 Resp: 1135002

Ion	Ratio	Lower	Upper
173	100		
175	48.8	39.0	58.6
171	51.6	41.2	61.8

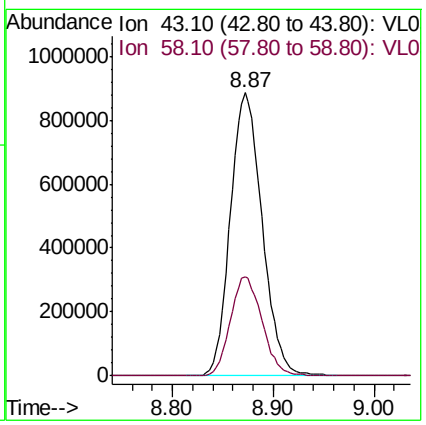


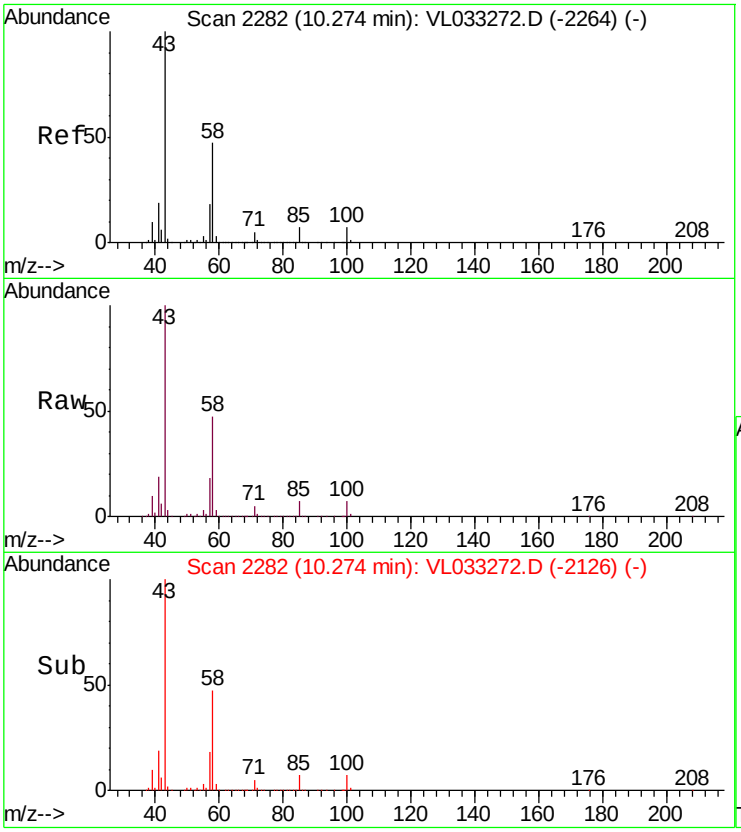


#50
4-Methyl-2-Pentanone
Concen: 9.900 ppbv
RT: 8.87 min Scan# 1846
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Tgt Ion: 43 Resp: 1942436

Ion	Ratio	Lower	Upper
43	100		
58	34.9	28.0	42.0



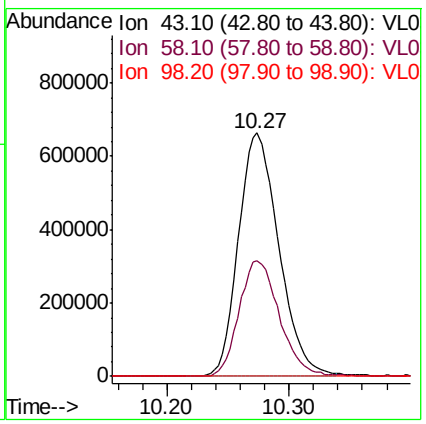


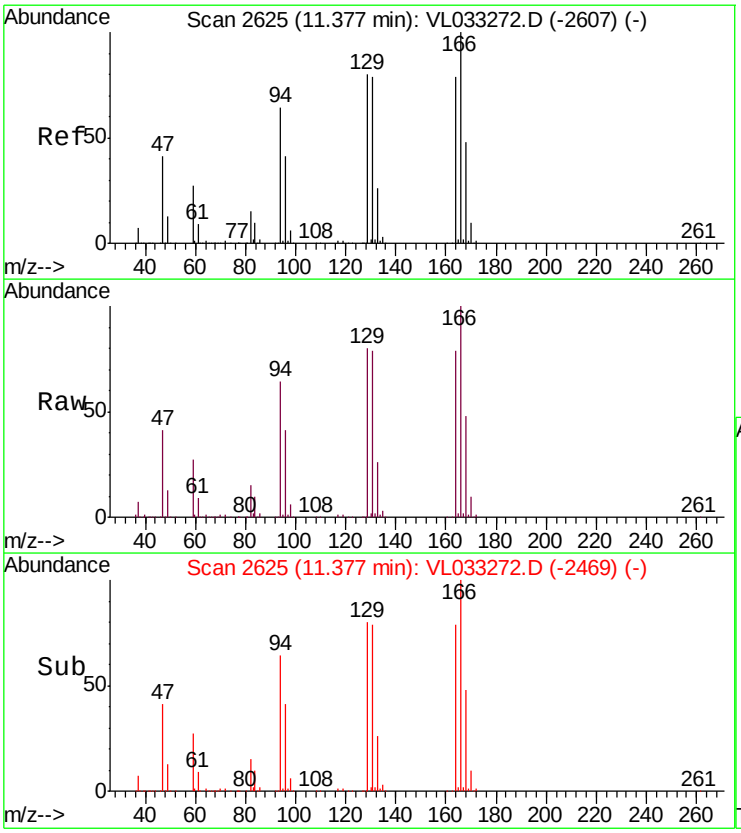
#51
2-Hexanone
Concen: 10.360 ppbv
RT: 10.27 min Scan# 2282
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 43 Resp: 1515430

Ion	Ratio	Lower	Upper
43	100		
58	47.7	38.1	57.1
98	0.2	0.1	0.1#

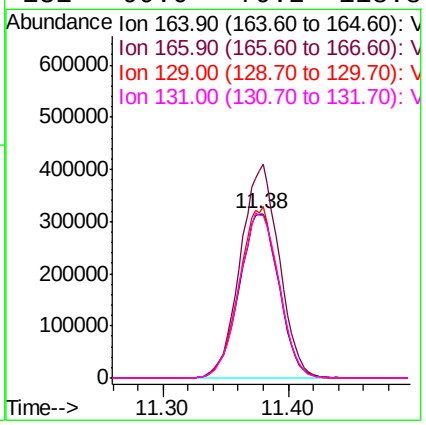


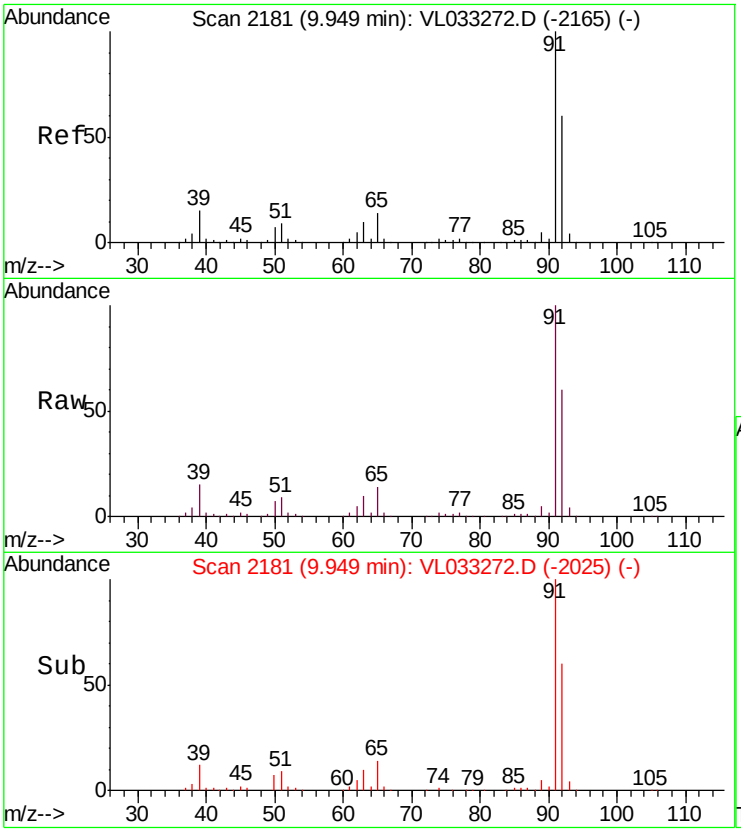


#52
Tetrachloroethene
Concen: 10.023 ppbv
RT: 11.38 min Scan# 2625
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Tgt Ion:164 Resp: 695503

Ion	Ratio	Lower	Upper
164	100		
166	126.0	100.8	151.2
129	100.8	80.6	121.0
131	99.0	79.2	118.8



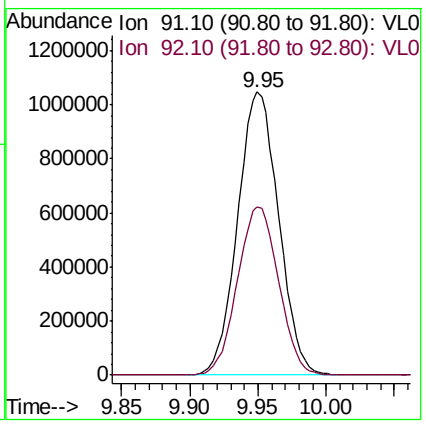


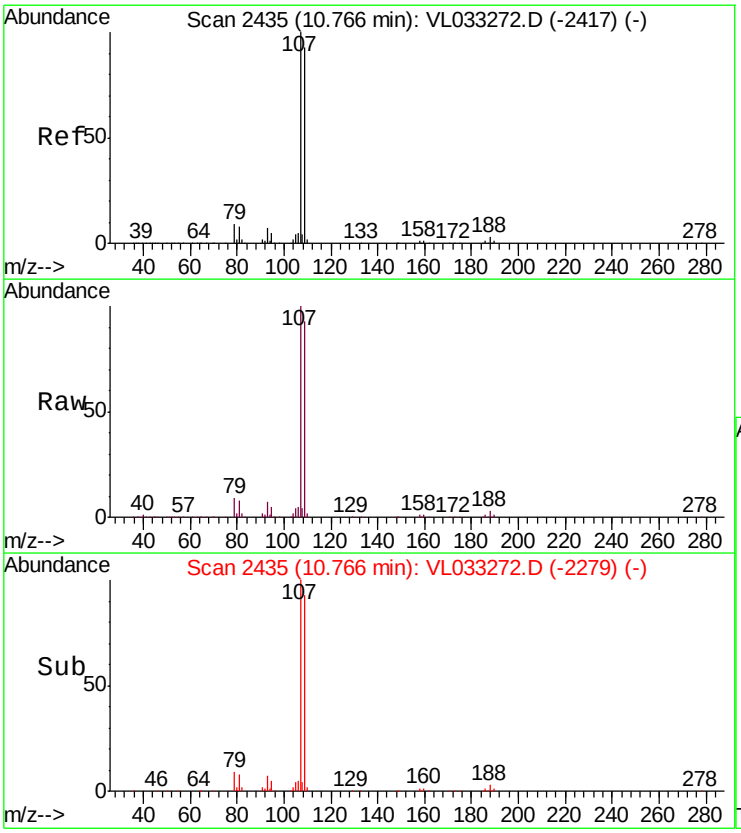
#53
Toluene
Concen: 10.295 ppbv
RT: 9.95 min Scan# 2181
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 2183714

Ion	Ratio	Lower	Upper
91	100		
92	59.9	47.8	71.8

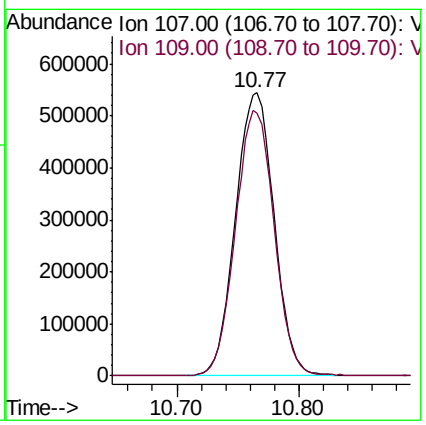


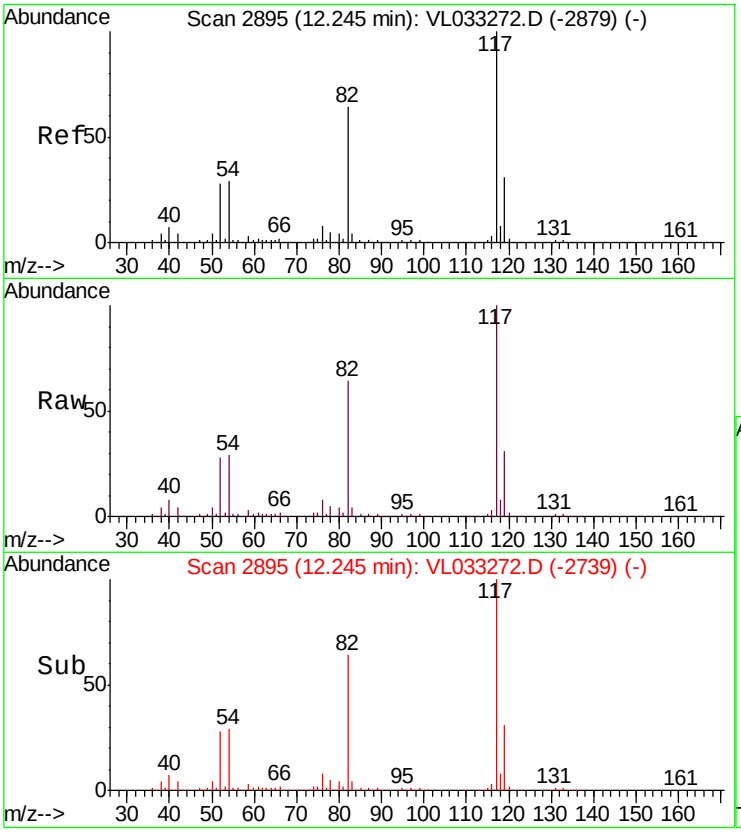


#54
1,2-Dibromoethane
Concen: 9.725 ppbv
RT: 10.77 min Scan# 2435
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Tgt Ion:107 Resp: 1189007

Ion	Ratio	Lower	Upper
107	100		
109	92.7	74.2	111.2



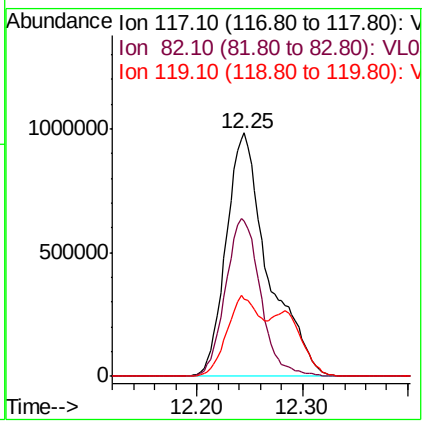


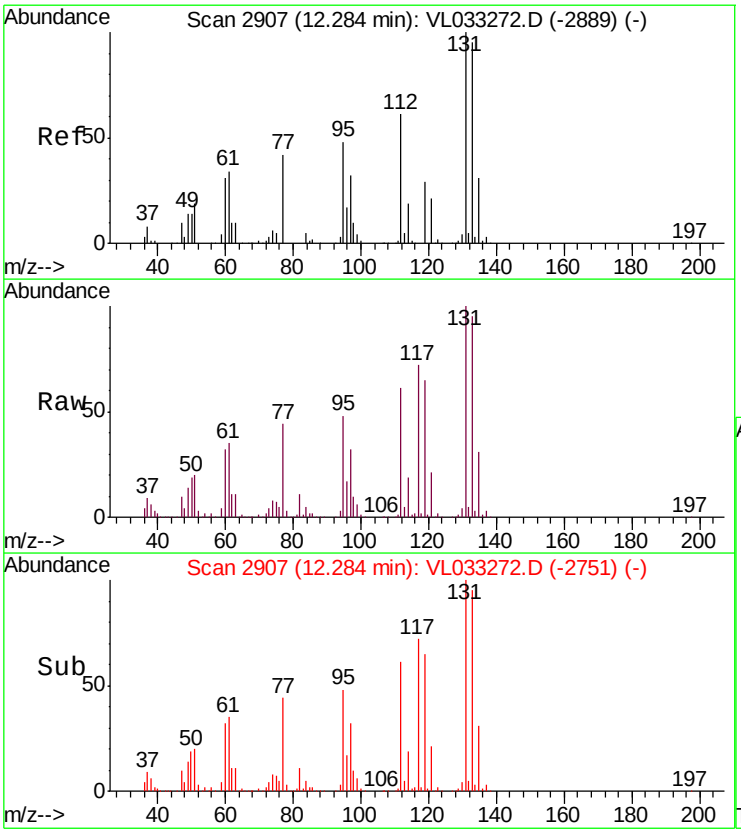
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2895
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 2711196

Ion	Ratio	Lower	Upper
117	100		
82	54.3	51.1	76.7
119	46.4	43.6	65.4

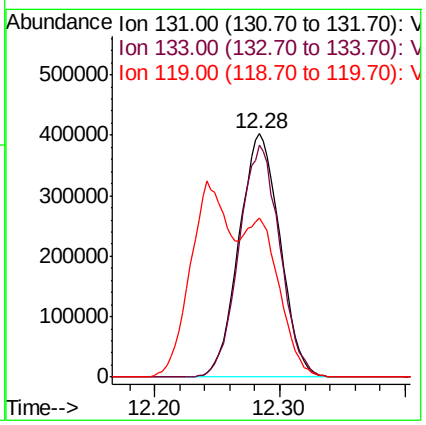


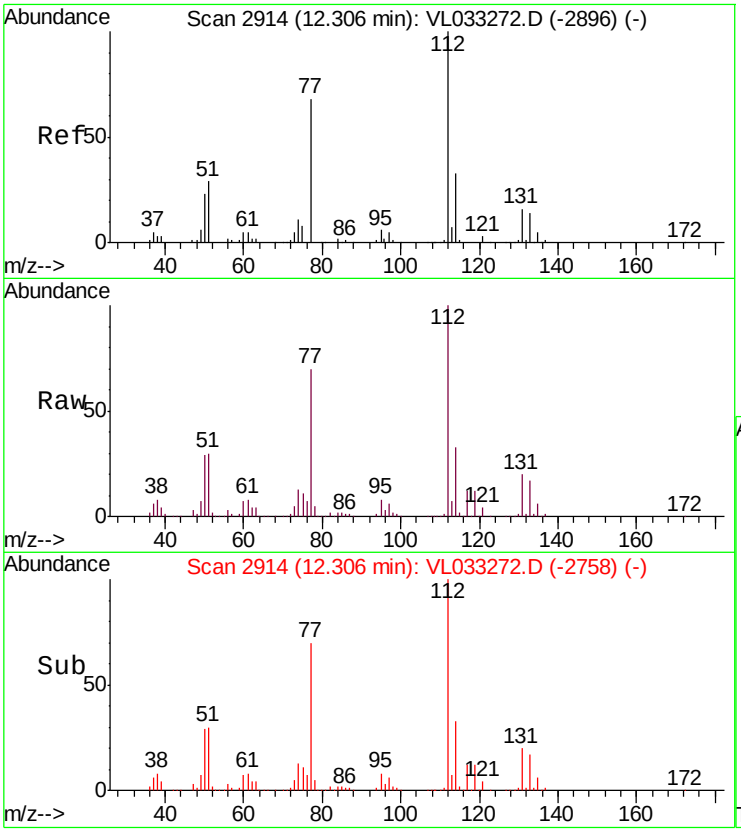


#56
1,1,1,2-Tetrachloroethane
Concen: 8.046 ppbv
RT: 12.28 min Scan# 2907
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Tgt Ion:131 Resp: 911782

Ion	Ratio	Lower	Upper
131	100		
133	95.3	76.2	114.4
119	137.9	110.3	165.5



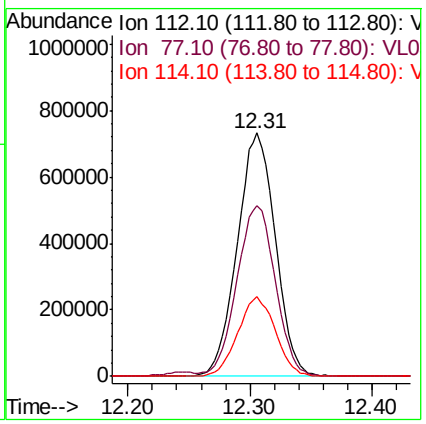


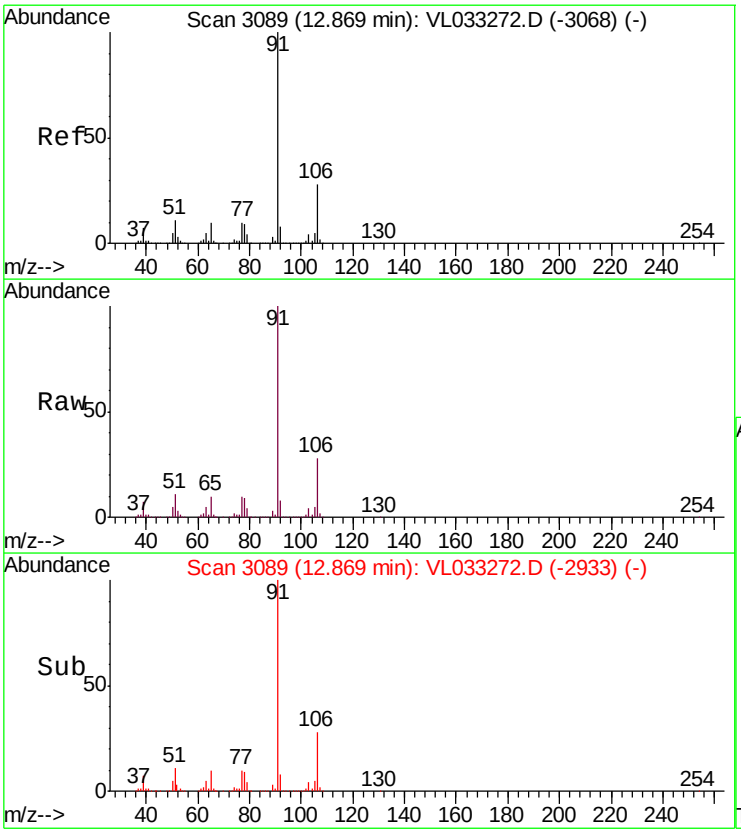
#57
Chlorobenzene
Concen: 7.906 ppbv
RT: 12.31 min Scan# 2914
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:112 Resp: 1576564

Ion	Ratio	Lower	Upper
112	100		
77	69.8	55.8	83.8
114	32.8	29.5	36.1

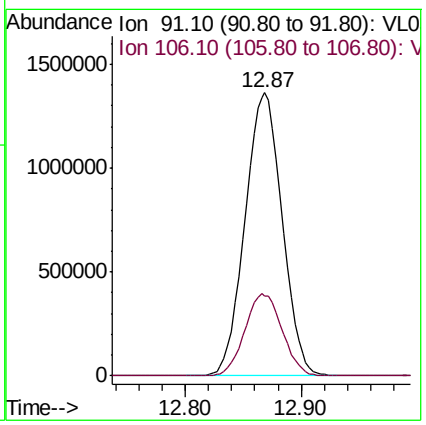


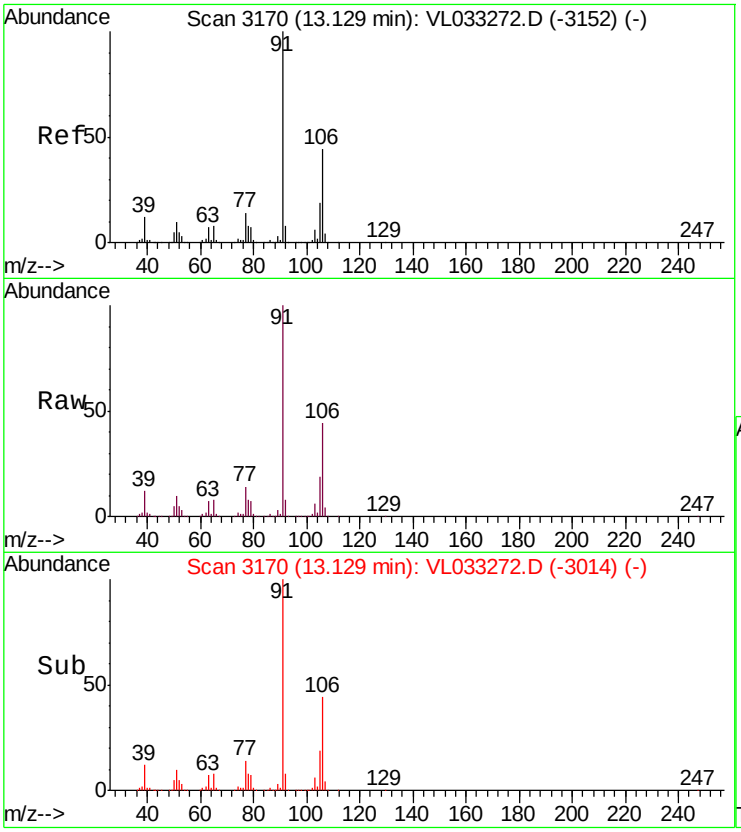


#58
Ethyl Benzene
Concen: 8.246 ppbv
RT: 12.87 min Scan# 3089
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Tgt Ion: 91 Resp: 3033475

Ion	Ratio	Lower	Upper
91	100		
106	28.1	22.5	33.7



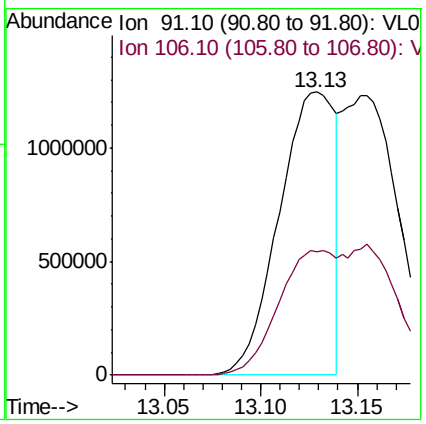


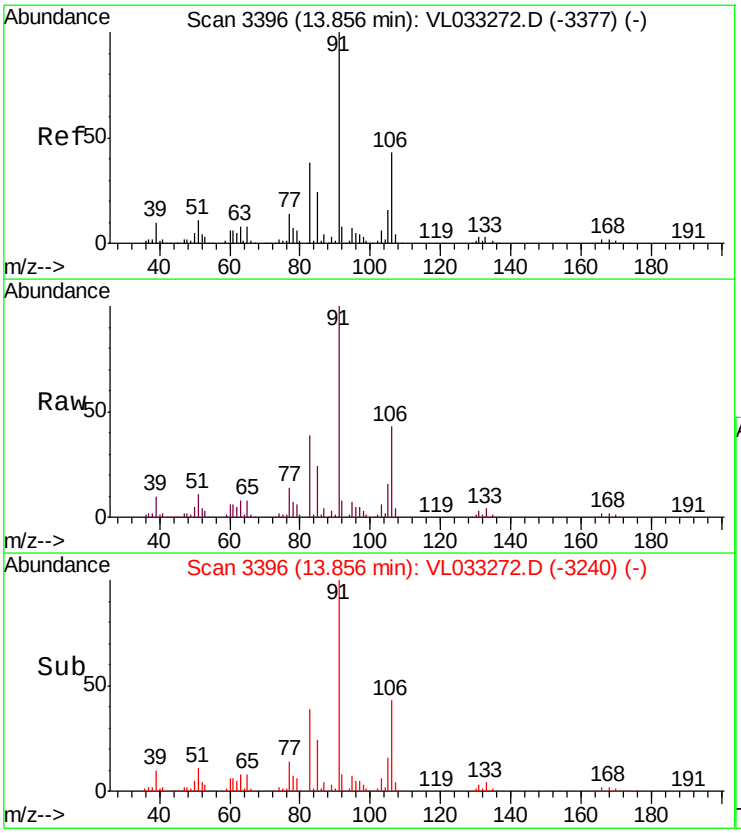
#59
m/p-Xylene
Concen: 7.500 ppbv
RT: 13.13 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 91 Resp: 2493961

Ion	Ratio	Lower	Upper
91	100		
106	0.0	35.5	53.3#

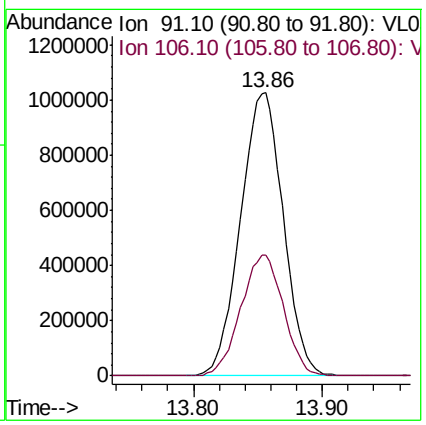


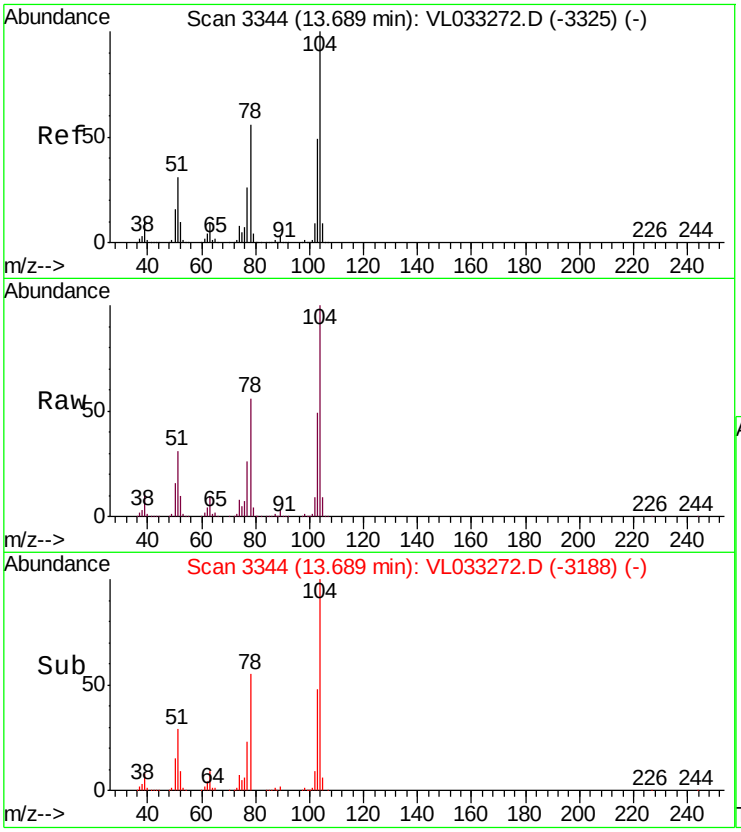


#60
o-Xylene
Concen: 7.388 ppbv
RT: 13.86 min Scan# 3396
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Tgt Ion: 91 Resp: 2370866

Ion	Ratio	Lower	Upper
91	100		
106	42.5	21.3	63.7



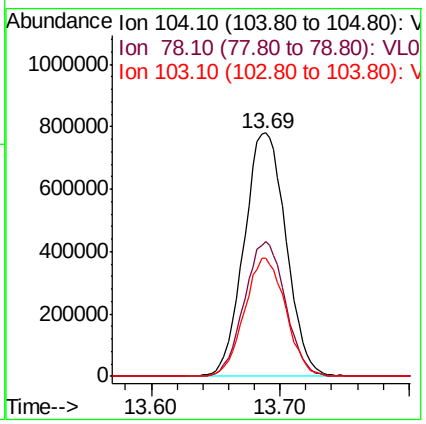


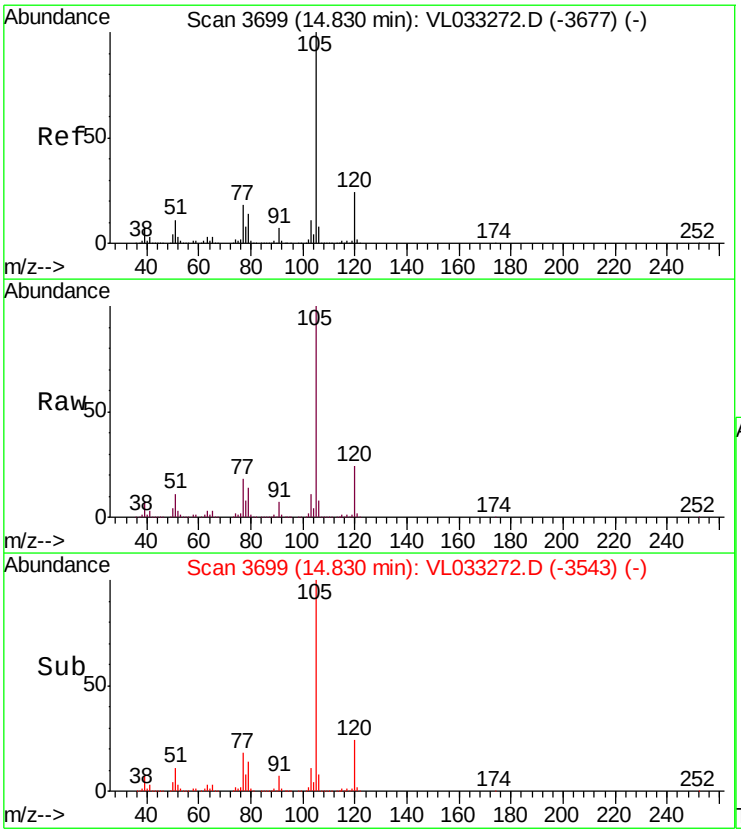
#61
Styrene
Concen: 8.071 ppbv
RT: 13.69 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:104 Resp: 1768363

Ion	Ratio	Lower	Upper
104	100		
78	54.1	43.3	64.9
103	47.5	38.0	57.0

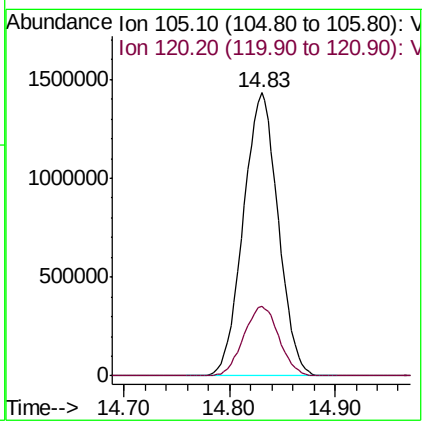


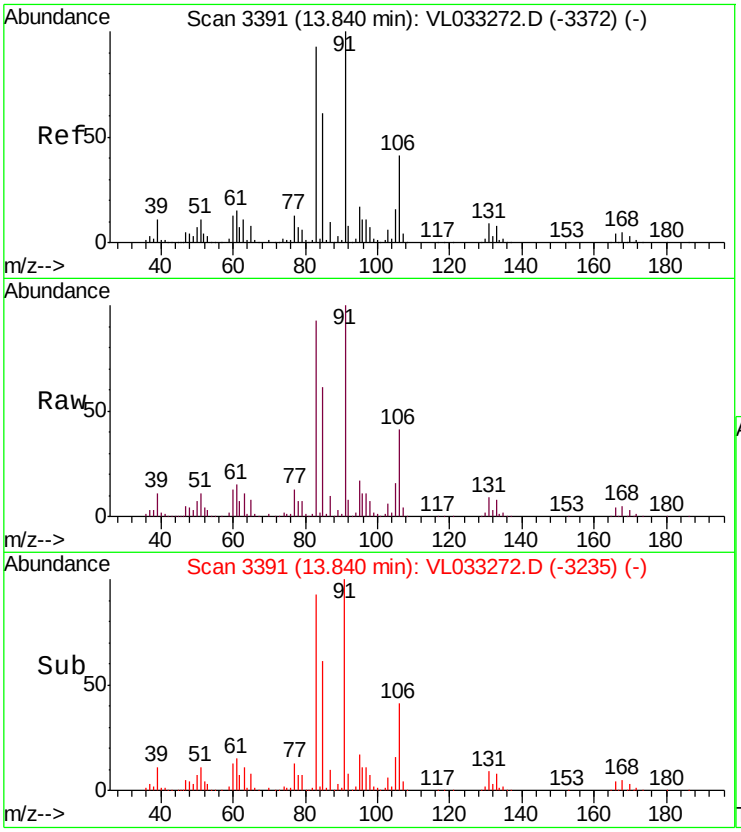


#62
Isopropylbenzene
Concen: 7.694 ppbv
RT: 14.83 min Scan# 3699
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Tgt Ion:105 Resp: 3295000

Ion	Ratio	Lower	Upper
105	100		
120	25.0	20.0	30.0



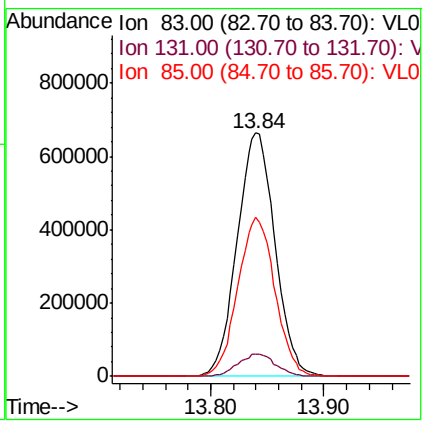


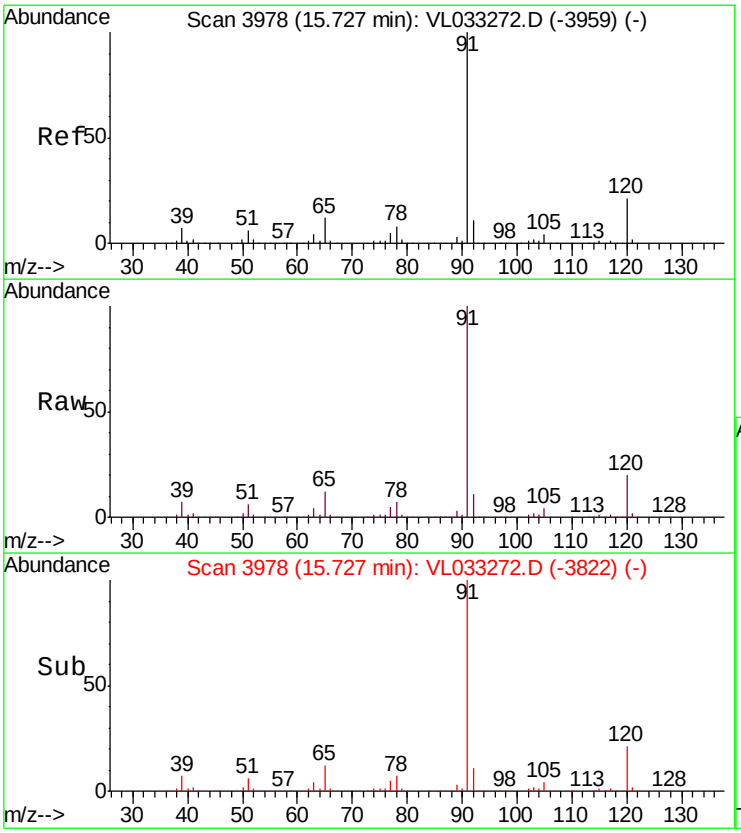
#63
1,1,2,2-Tetrachloroethane
Concen: 7.481 ppbv
RT: 13.84 min Scan# 3391
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 83 Resp: 1547550

Ion	Ratio	Lower	Upper
83	100		
131	9.1	4.5	13.7
85	64.4	32.2	96.6

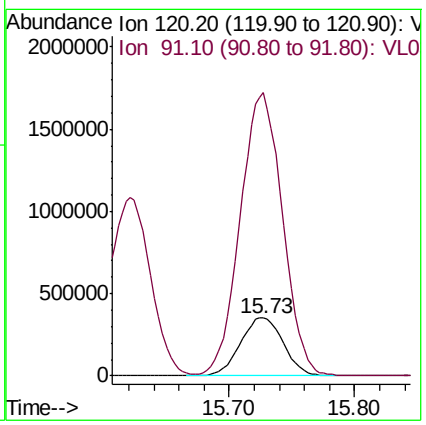


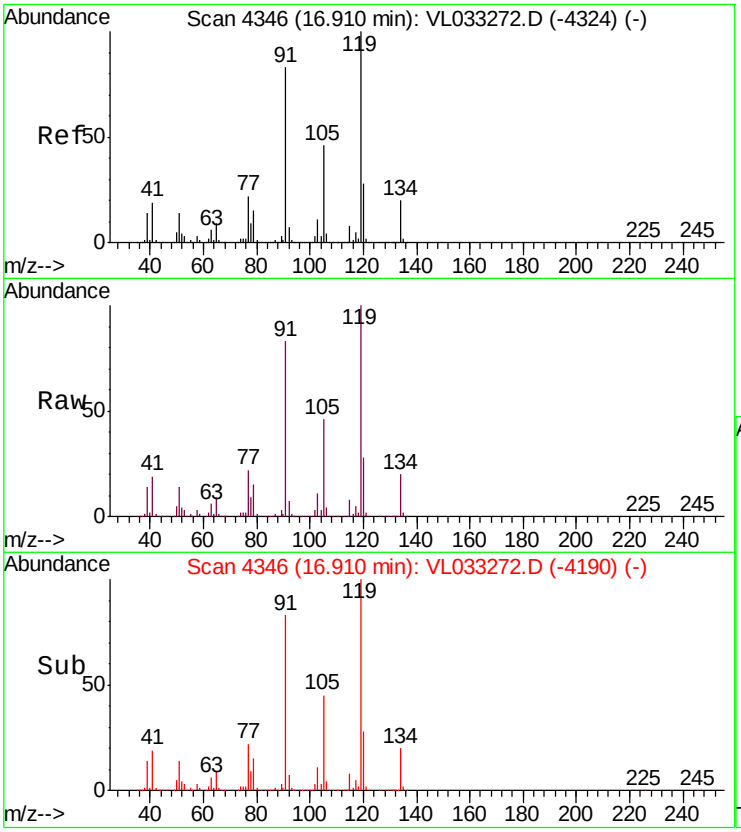


#64
n-propylbenzene
Concen: 7.989 ppbv
RT: 15.73 min Scan# 3978
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Tgt Ion:120 Resp: 838158

Ion	Ratio	Lower	Upper
120	100		
91	482.7	385.8	578.8



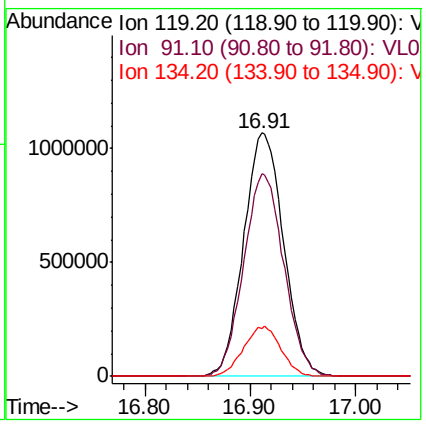


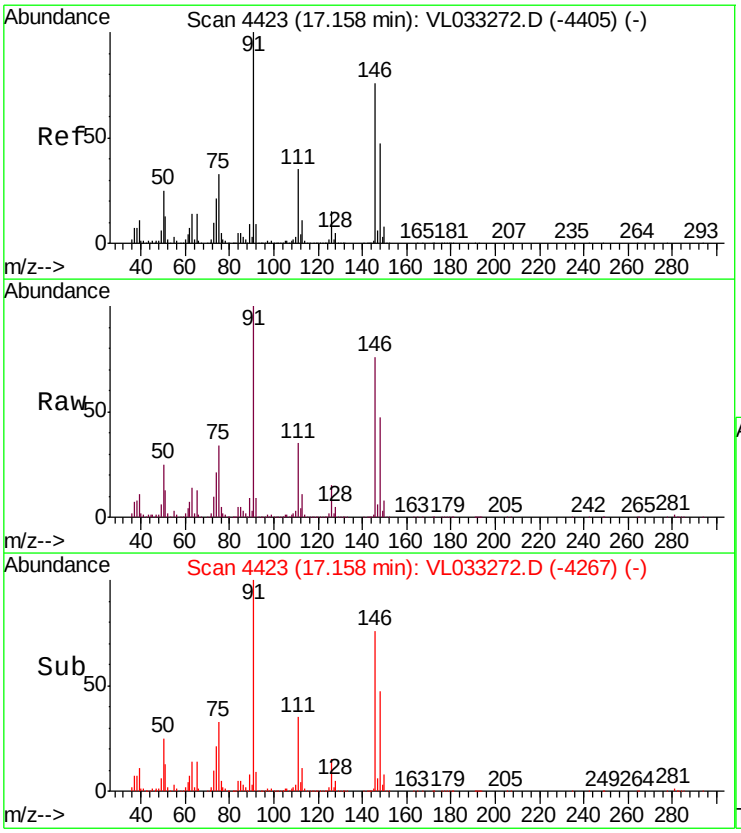
#65
tert-Butylbenzene
Concen: 7.797 ppbv
RT: 16.91 min Scan# 4346
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:119 Resp: 2811206

Ion	Ratio	Lower	Upper
119	100		
91	84.1	67.3	100.9
134	19.3	15.4	23.2

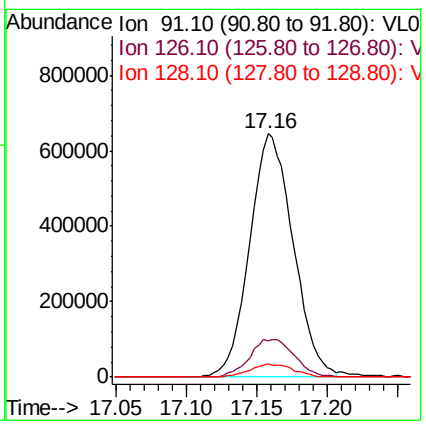


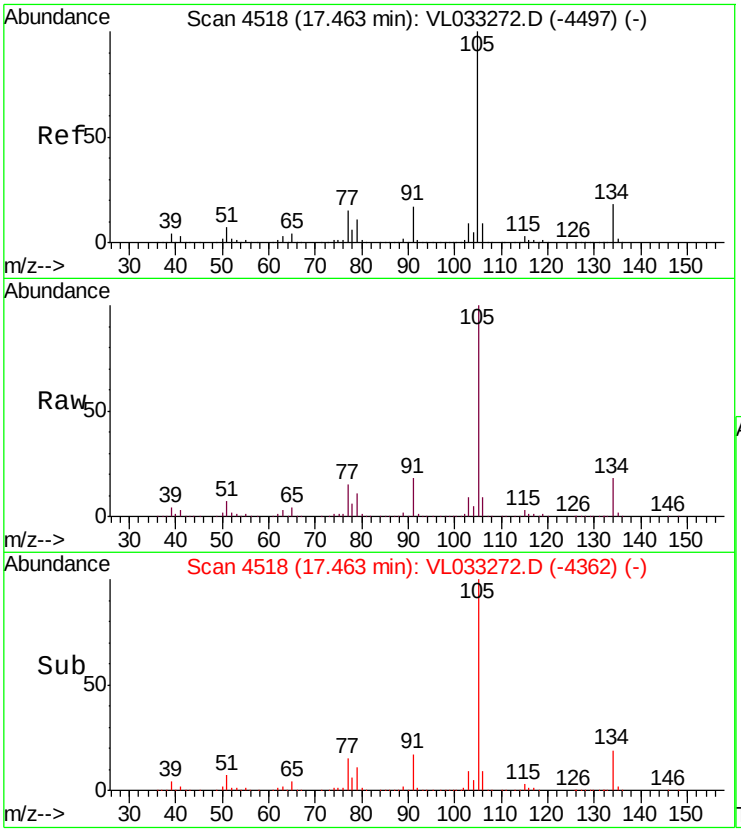


#66
Benzyl Chloride
Concen: 10.328 ppbv
RT: 17.16 min Scan# 4423
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Tgt Ion: 91 Resp: 1387565

Ion	Ratio	Lower	Upper
91	100		
126	16.3	13.0	19.6
128	5.4	4.3	6.5



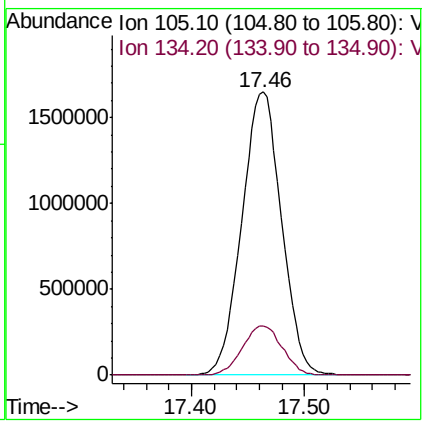


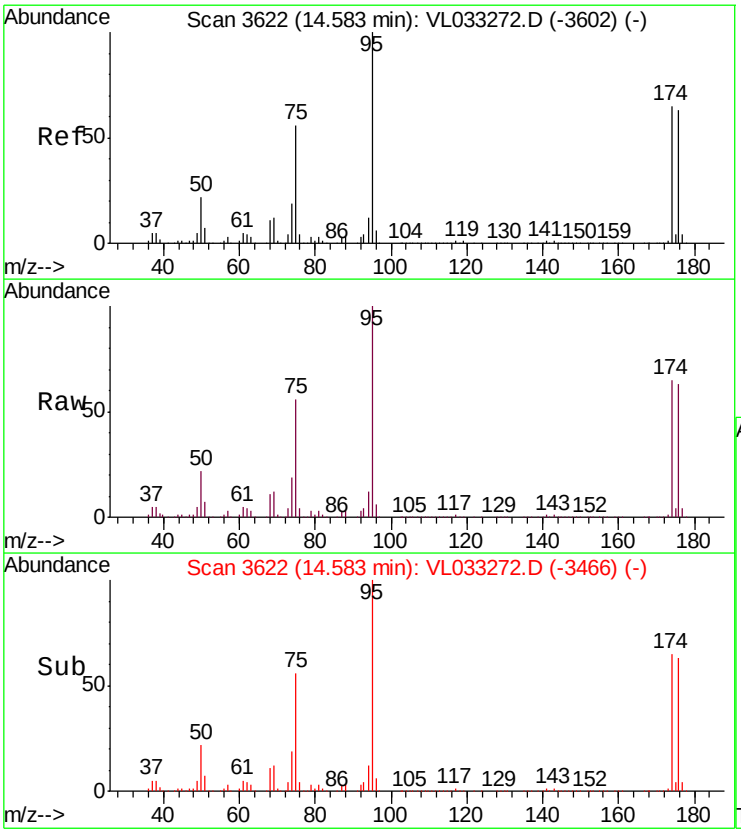
#67
sec-Butylbenzene
Concen: 7.838 ppbv
RT: 17.46 min Scan# 4518
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:105 Resp: 4009500

Ion	Ratio	Lower	Upper
105	100		
134	17.7	14.2	21.2

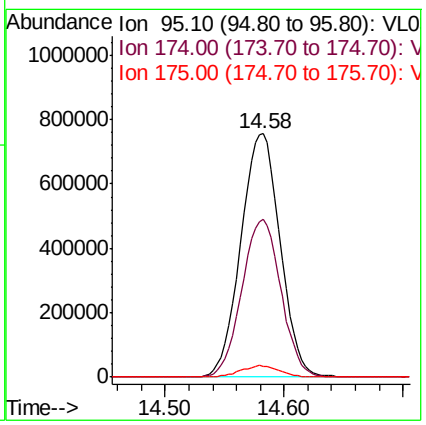


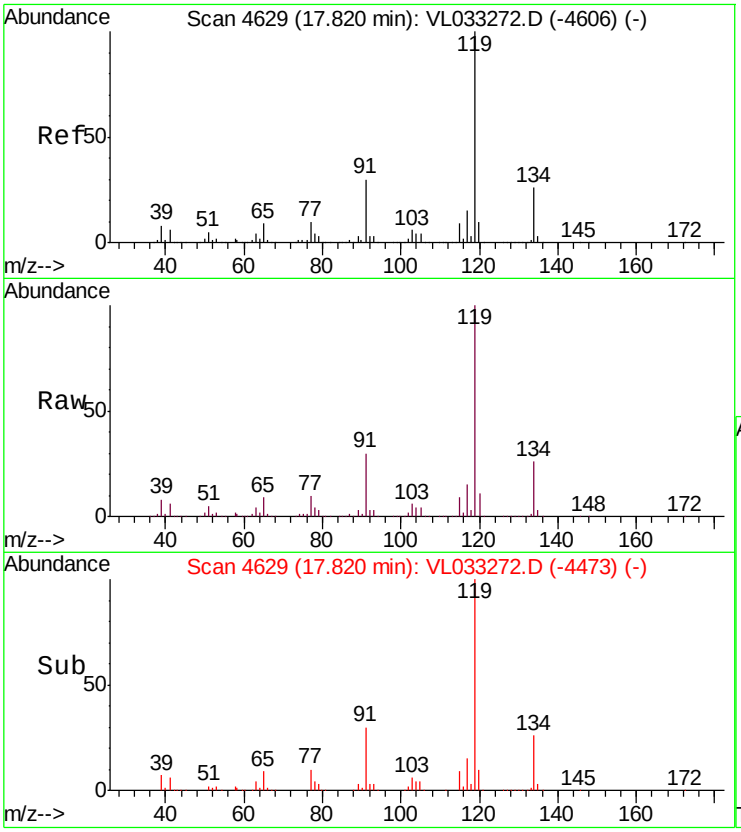


#68
1-Bromo-4-Fluorobenzene
Concen: 7.974 ppbv
RT: 14.58 min Scan# 3622
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Tgt Ion: 95 Resp: 1730342

Ion	Ratio	Lower	Upper
95	100		
174	64.4	51.7	77.5
175	4.6	3.7	5.5



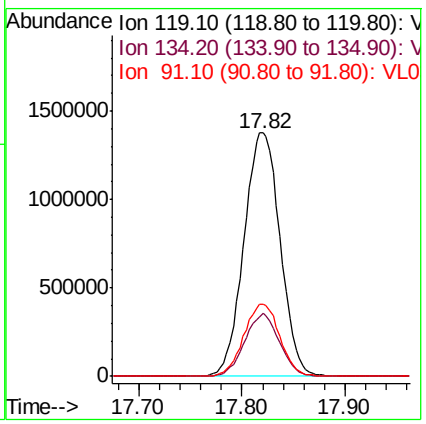


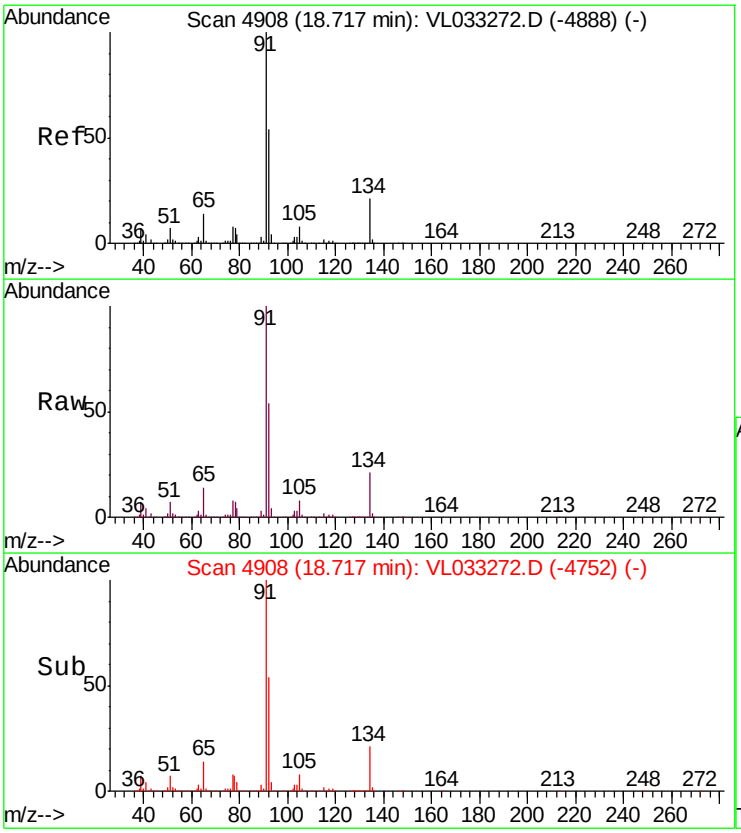
#69
p-Isopropyltoluene
Concen: 8.058 ppbv
RT: 17.82 min Scan# 4629
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:119 Resp: 3349885

Ion	Ratio	Lower	Upper
119	100		
134	24.6	19.7	29.5
91	29.4	23.5	35.3

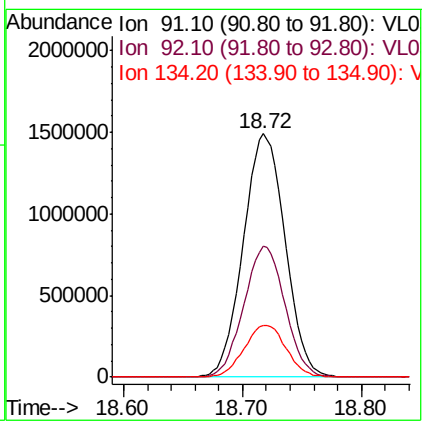


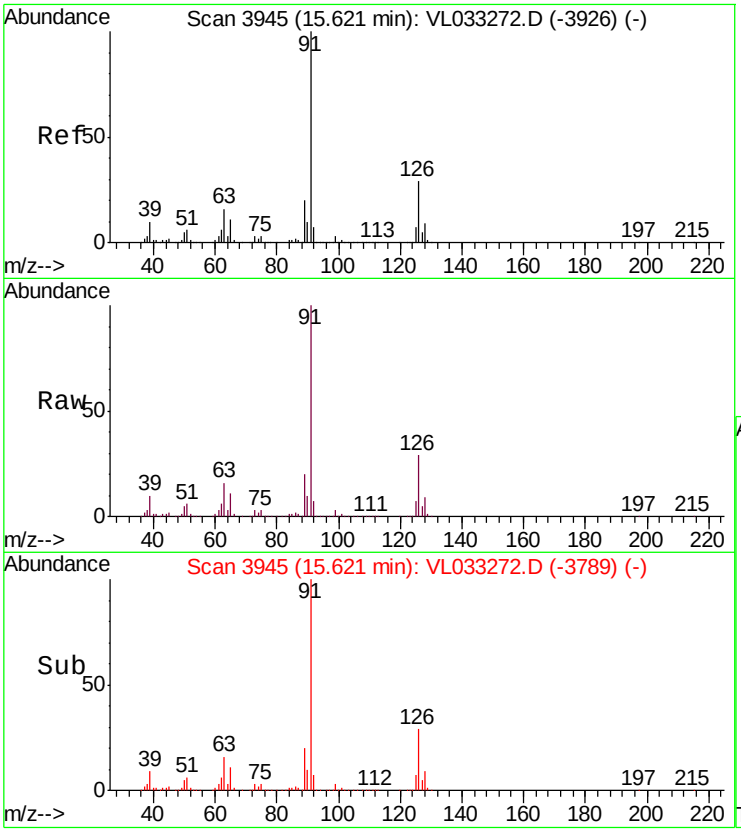


#70
n-Butylbenzene
Concen: 8.042 ppbv
RT: 18.72 min Scan# 4908
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Tgt Ion: 91 Resp: 3622914

Ion	Ratio	Lower	Upper
91	100		
92	53.1	42.4	63.6
134	21.4	17.1	25.7



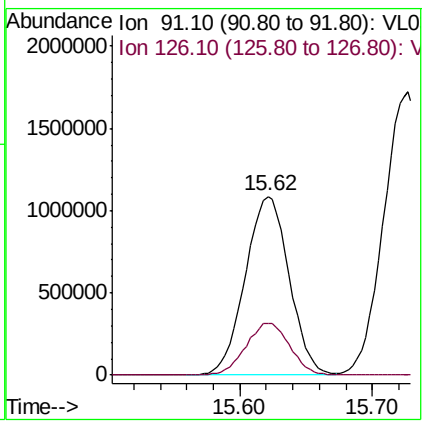


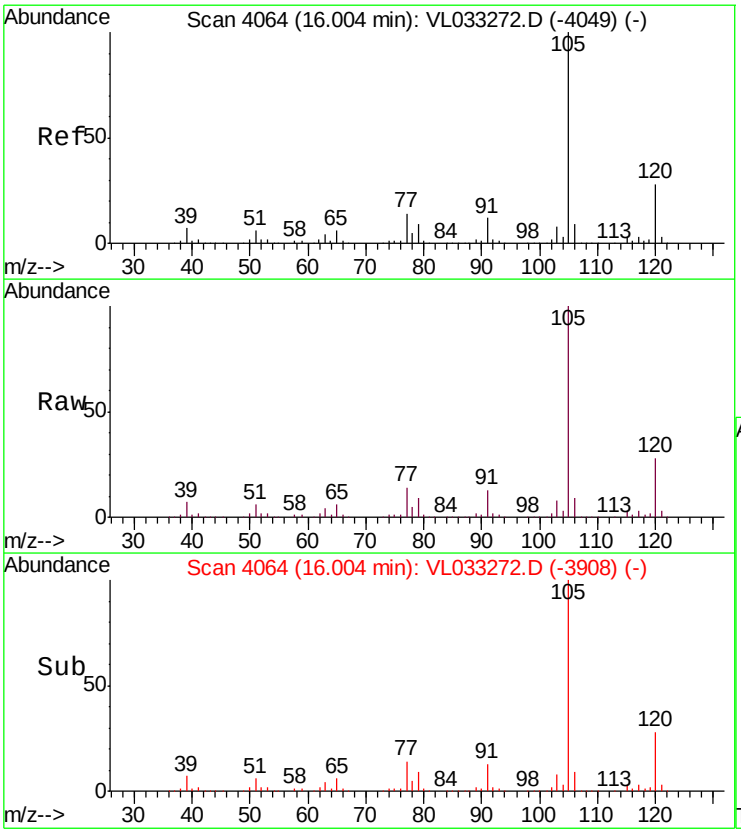
#71
2-Chlorotoluene
Concen: 7.830 ppbv
RT: 15.62 min Scan# 3945
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 2505901

Ion	Ratio	Lower	Upper
91	100		
126	29.2	11.7	46.7

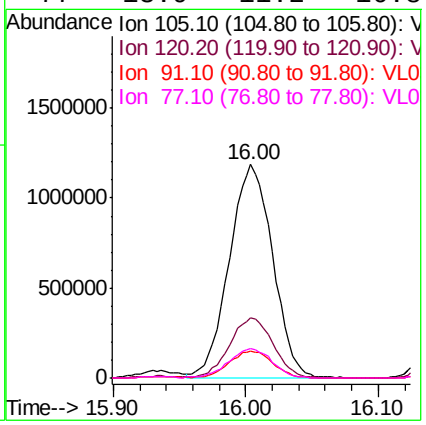


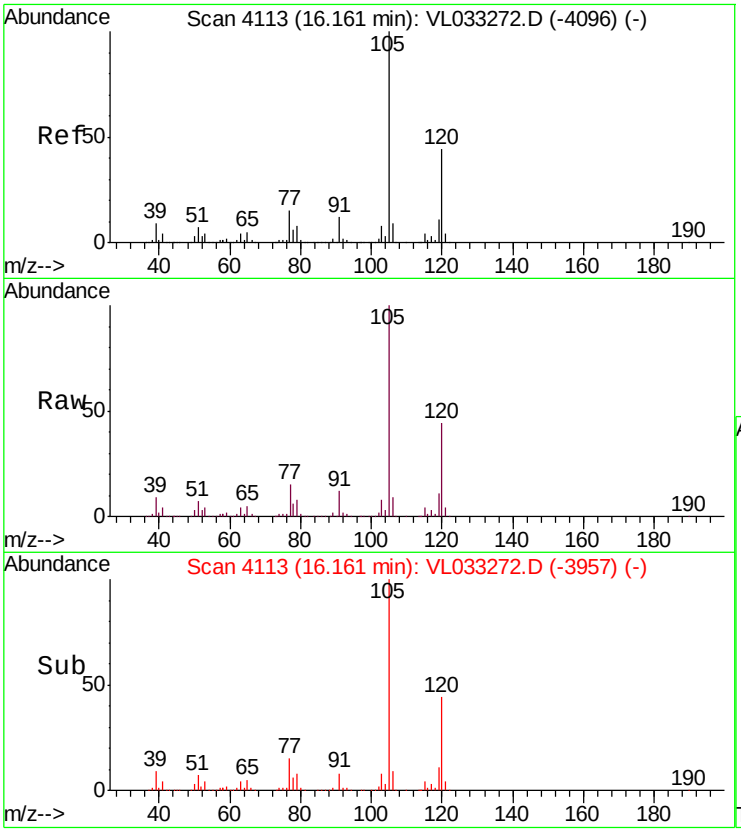


#72
4-Ethyltoluene
Concen: 8.056 ppbv
RT: 16.00 min Scan# 4064
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Tgt Ion:105 Resp: 2687922

Ion	Ratio	Lower	Upper
105	100		
120	28.5	22.9	34.3
91	13.3	10.2	15.2
77	13.9	11.2	16.8



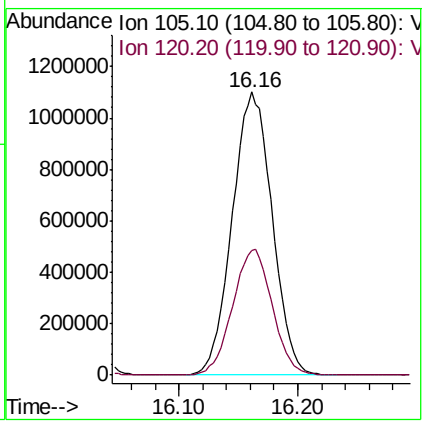


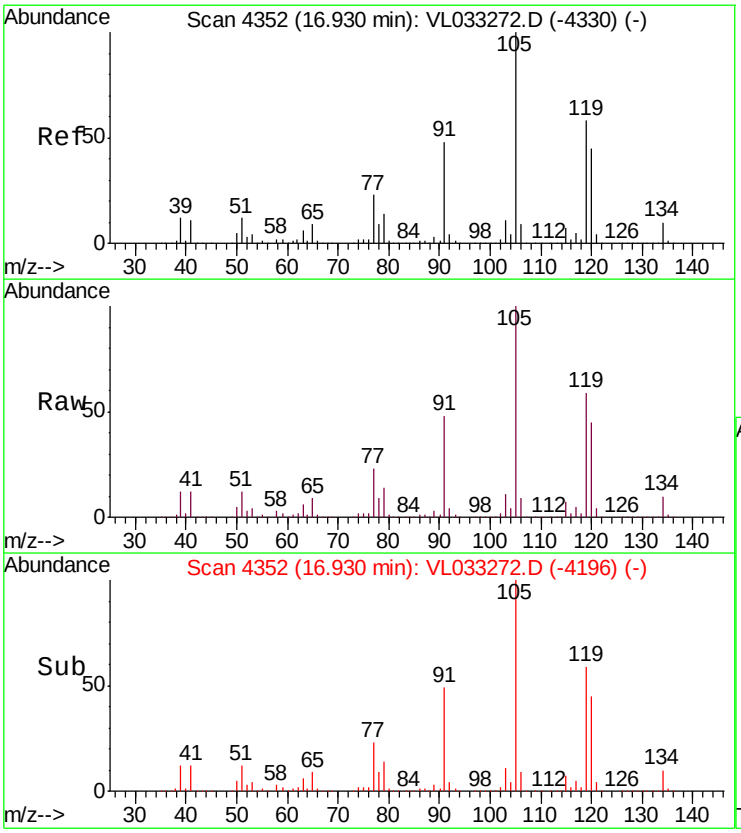
#73
1,3,5-Trimethylbenzene
Concen: 8.003 ppbv
RT: 16.16 min Scan# 4113
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:105 Resp: 2543209

Ion	Ratio	Lower	Upper
105	100		
120	43.9	35.1	52.7

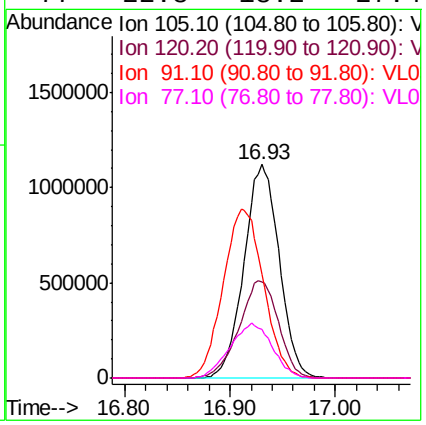


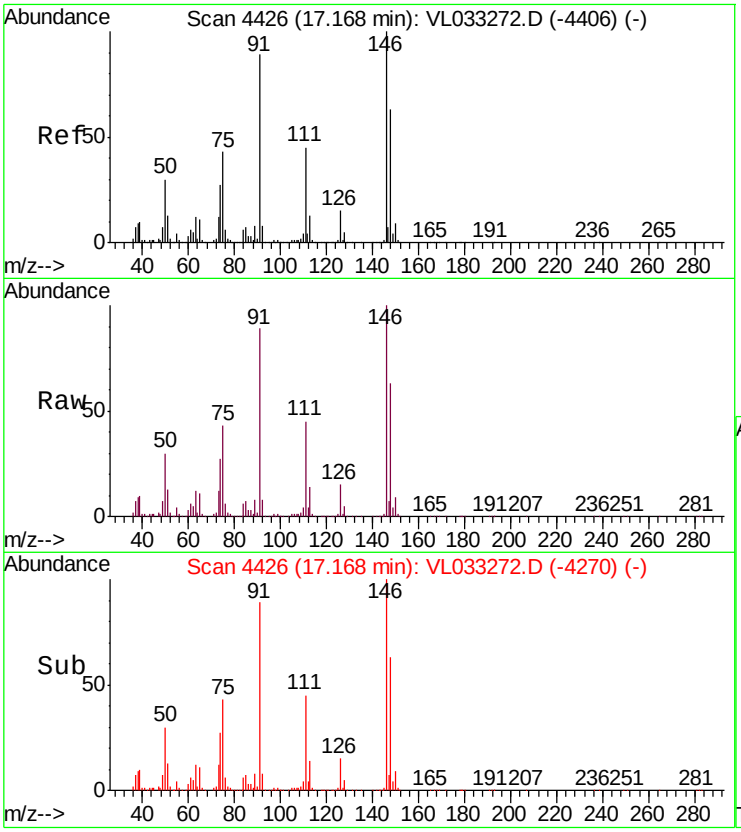


#74
1,2,4-Trimethylbenzene
Concen: 7.871 ppbv
RT: 16.93 min Scan# 4352
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Tgt Ion:105 Resp: 2607230

Ion	Ratio	Lower	Upper
105	100		
120	45.1	36.1	54.1
91	48.3	38.6	58.0
77	22.8	18.2	27.4



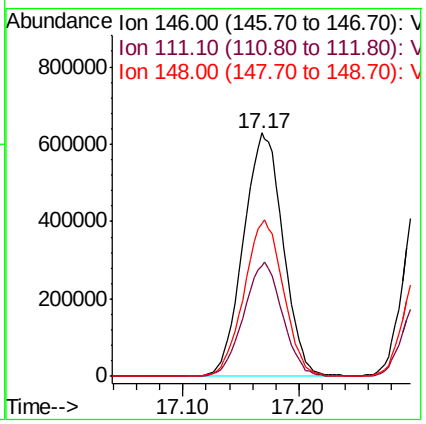


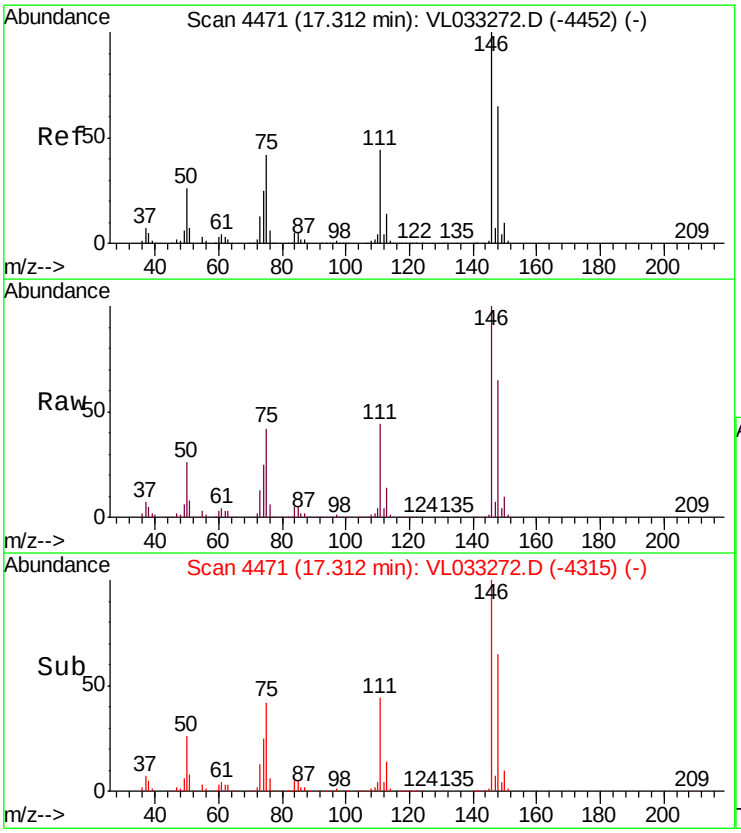
#75
1,3-Dichlorobenzene
Concen: 7.660 ppbv
RT: 17.17 min Scan# 4426
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:146 Resp: 1497209

Ion	Ratio	Lower	Upper
146	100		
111	45.6	22.8	68.4
148	63.5	31.8	95.3

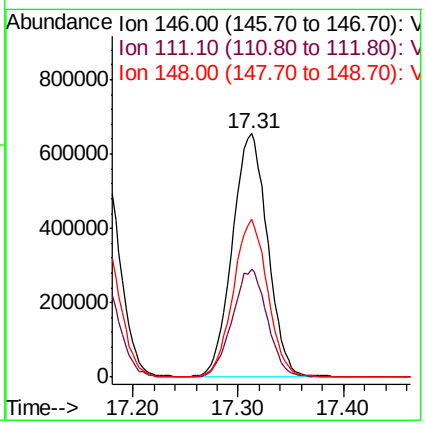


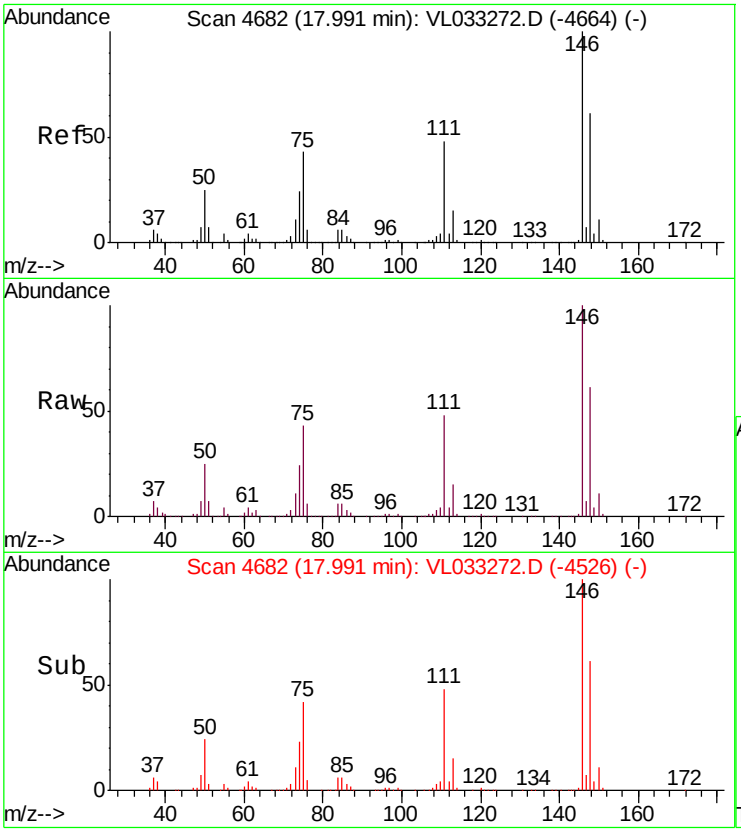


#76
1,4-Dichlorobenzene
Concen: 7.904 ppbv
RT: 17.31 min Scan# 4471
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Tgt Ion:146 Resp: 1515702

Ion	Ratio	Lower	Upper
146	100		
111	44.0	22.1	66.1
148	63.6	31.8	95.3



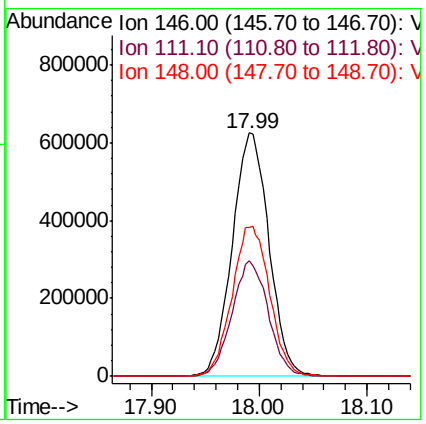


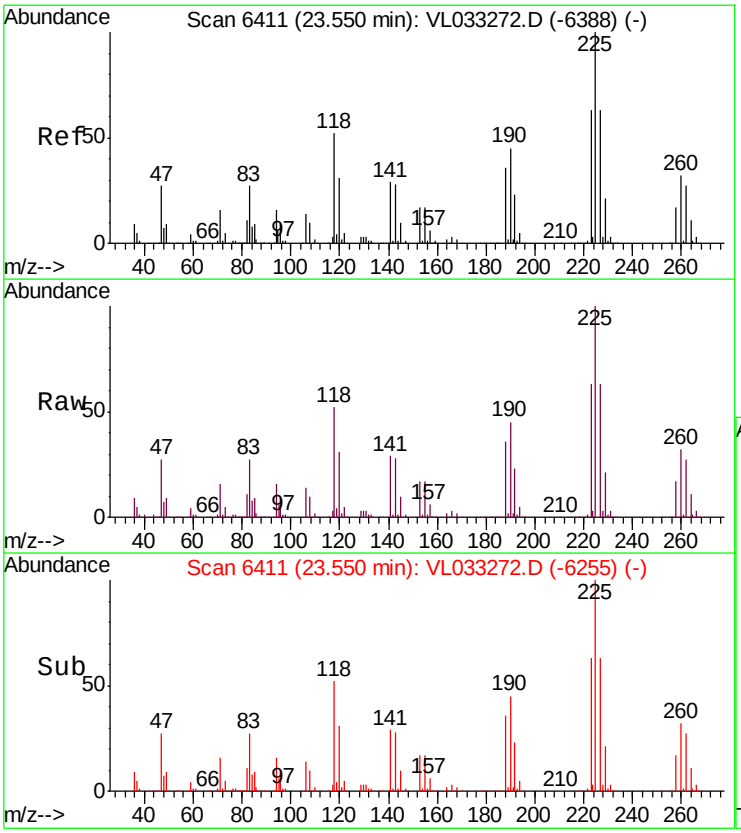
#77
1,2-Dichlorobenzene
Concen: 7.840 ppbv
RT: 17.99 min Scan# 4682
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:146 Resp: 1479245

Ion	Ratio	Lower	Upper
146	100		
111	47.0	23.5	70.5
148	63.4	31.7	95.1

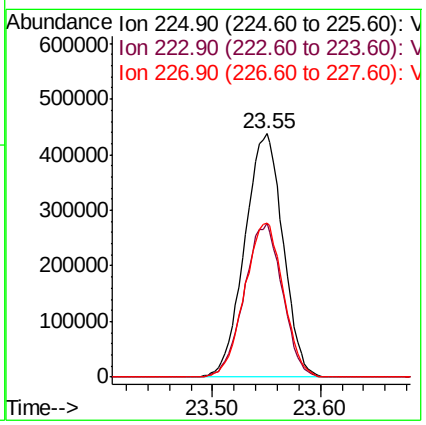


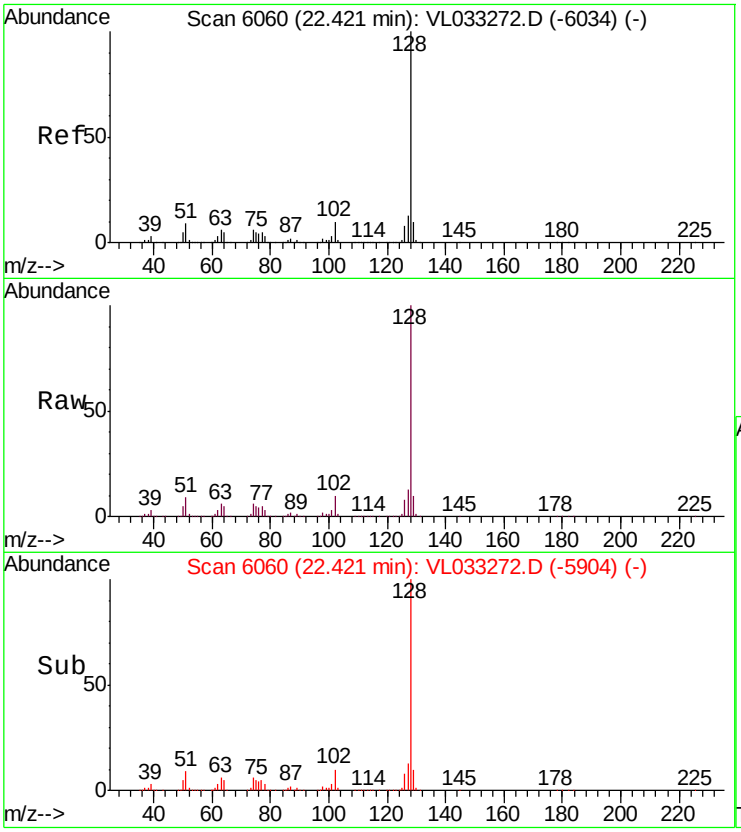


#78
Hexachloro-1,3-Butadiene
Concen: 7.554 ppbv
RT: 23.55 min Scan# 6411
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Tgt Ion:225 Resp: 1080150

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.3	75.5
227	63.9	51.1	76.7



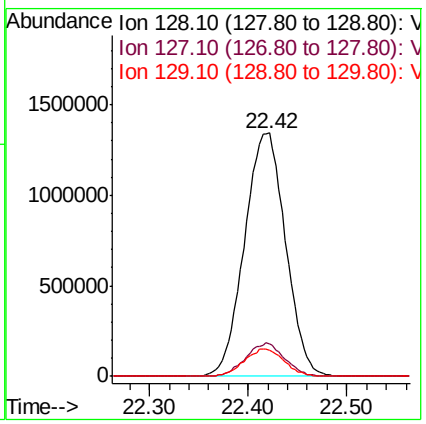


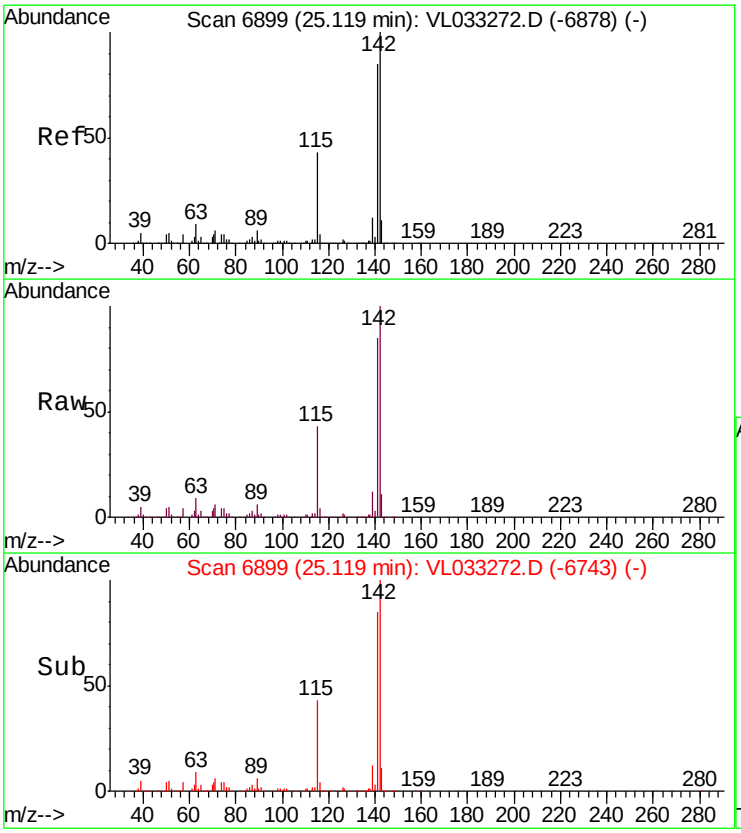
#79
Naphthalene
Concen: 10.693 ppbv
RT: 22.42 min Scan# 6060
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:128 Resp: 3869634

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.5	8.4	12.6

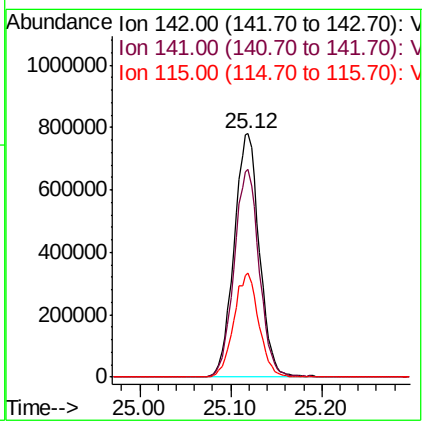


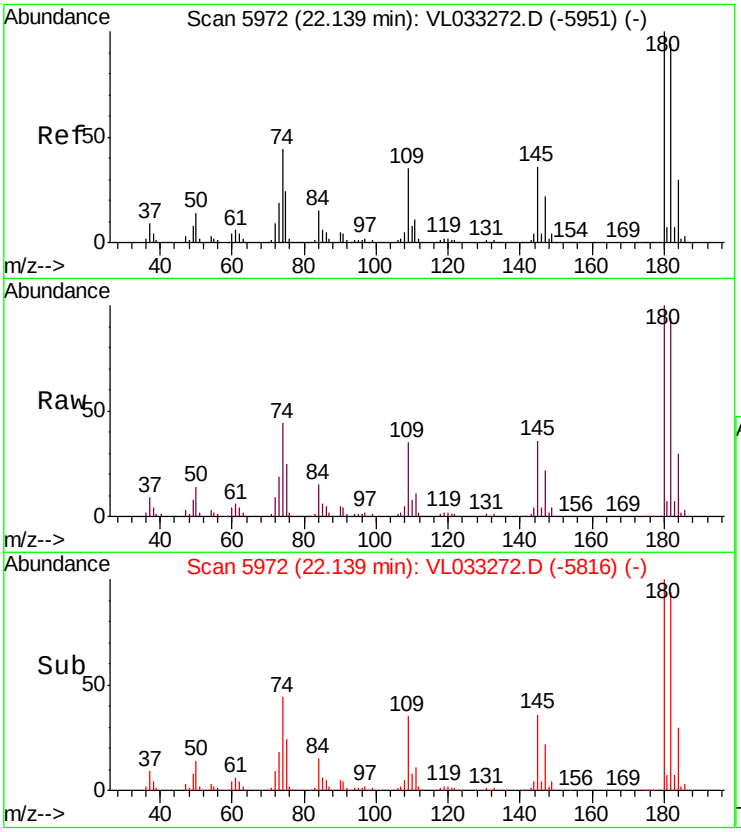


#80
Naphthalene,2-methyl-
Concen: 17.159 ppbv
RT: 25.12 min Scan# 6899
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Tgt Ion:142 Resp: 1502361

Ion	Ratio	Lower	Upper
142	100		
141	85.0	68.0	102.0
115	42.2	33.8	50.6





#81
1,2,4-Trichlorobenzene
Concen: 9.594 ppbv
RT: 22.14 min Scan# 5972
Delta R.T. 0.00 min
Lab File: VL033272.D
Acq: 12 Mar 2019 2:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:180 Resp: 1793976

Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.6	114.8
184	30.3	24.2	36.4