Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020419\

Quantitation Report (Not Reviewed)

Data File : VL033150.D
Acq On : 4 Feb 2019 10:01
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Feb 04 10:44:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL020419AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Feb 01 22:01:04 2019
QLast Update : Fri Feb 01 22:01:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1204441	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	3602678	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	4410507	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	2743474	8.24	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 82.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.08	85	1456426	8.063	ppbv	97
3) Chlorodifluoromethane	3.02	51	1290348	6.661	ppbv	99
4) Chloromethane	3.17	50	740789	6.643	ppbv	96
5) Vinyl Chloride	3.29	62	712978	5.845	ppbv	98
6) Bromomethane	3.52	94	409702	7.622	ppbv	97
7) Chloroethane	3.60	64	253305	7.695	ppbv	94
8) Dichlorotetrafluoroethane	3.22	85	1542376	6.905	ppbv	99
9) Propene	3.04	41	650693	6.574	ppbv	100
10) Heptane	8.25	43	2044681	11.086	ppbv	98
11) Trichlorofluoromethane	4.00	101	1672144	8.797	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.55	101	1081687	8.941	ppbv	99
13) Ethanol	3.65	45	180149	6.433	ppbv	95
14) Bromoethene	3.79	108	519005	8.481	ppbv	100
15) Acetone	3.90	43	1186074	7.768	ppbv	99
16) 1,3-Butadiene	3.36	39	606861	8.290	ppbv	99
17) tert-Butyl alcohol	4.36	59	325261	8.836	ppbv	100
18) 1,1-Dichloroethene	4.35	96	506215	8.662	ppbv	96
19) Isopropyl Alcohol	4.02	45	1062126	9.098	ppbv	96
20) Methylene Chloride	4.41	84	428127	7.248	ppbv	98
21) Allyl Chloride	4.48	41	867705	8.846	ppbv	97
22) trans-1,2-Dichloroethene	4.97	96	493327	9.059	ppbv	99
23) Vinyl Acetate	5.16	43	2346773	8.851	ppbv	99
24) 1,1-Dichloroethane	5.09	63	1558711	8.812	ppbv	99
25) Ethyl Acetate	5.77	43	2621752	8.016	ppbv	100
26) Hexane	5.78	57	1192730	7.449	ppbv	99
27) Carbon Disulfide	4.62	76	1298443	10.043	ppbv	96
28) Methyl tert-Butyl Ether	5.11	73	2024923	8.799	ppbv	100
29) Chloroform	5.85	83	1838349	8.500	ppbv	100
30) Cyclohexane	7.25	84	1343449	10.823	ppbv	99
31) cis-1,2-Dichloroethene	5.64	61	1256225	8.592	ppbv	98
32) 1,1,1-Trichloroethane	6.62	97	2264573	10.141	ppbv #	82
34) 2-Butanone	5.33	43	1838860	6.677	ppbv	99
35) Carbon Tetrachloride	7.13	117	2268348	8.391	ppbv	98
36) Benzene	7.01	78	3215837	7.959	ppbv	99
37) 1,2-Dichloroethane	6.42	62	1693530	8.233	ppbv	100
38) Trichloroethene	7.96	130	1143896	7.032	ppbv	98
39) 1,2-Dichloropropane	7.74	63	1244530	8.405	ppbv	98
40) 1,4-Dioxane	7.96	88	447922	8.590	ppbv #	1
41) Tetrahydrofuran	6.15	42	1094848	6.617	ppbv	98
42) Bromodichloromethane	7.92	83	2549086	8.693	ppbv	99
43) Methyl Methacrylate	8.14	69	1318325	9.313	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020419\

Quantitation Report (Not Reviewed)

Data File : VL033150.D
Acq On : 4 Feb 2019 10:01
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Feb 04 10:44:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL020419AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Feb 01 22:01:04 2019
QLast Update : Fri Feb 01 22:01:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.99	57	5285832	8.109	ppbv		99
45) t-1,3-Dichloropropene	9.42	75	1738121	10.164	ppbv		97
46) cis-1,3-Dichloropropene	8.84	75	2028885	9.896	ppbv		98
47) 1,1,2-Trichloroethane	9.62	97	1240595	9.186	ppbv		94
48) Dibromochloromethane	10.45	129	2054909	9.128	ppbv		100
49) Bromoform	13.20	173	1732487	9.275	ppbv		99
50) 4-Methyl-2-Pentanone	8.87	43	3181381	8.894	ppbv		100
51) 2-Hexanone	10.27	43	2519545	7.907	ppbv		99
52) Tetrachloroethene	11.38	164	1022937	6.675	ppbv		98
53) Toluene	9.95	91	3619972	7.825	ppbv		100
54) 1,2-Dibromoethane	10.76	107	1955625	7.698	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.28	131	1455619	7.419	ppbv	#	57
57) Chlorobenzene	12.31	112	2662382	6.859	ppbv		99
58) Ethyl Benzene	12.87	91	5035103	6.961	ppbv		100
59) m/p-Xylene	13.13	91	4501902	7.630	ppbv	#	30
60) o-Xylene	13.85	91	3856428	6.758	ppbv		98
61) Styrene	13.69	104	3158676	7.215	ppbv		98
62) Isopropylbenzene	14.83	105	5565304	6.859	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.84	83	2694403	6.258	ppbv		99
64) n-propylbenzene	15.72	120	1512162	7.273	ppbv		97
65) tert-Butylbenzene	16.91	119	4965268	7.272	ppbv		98
66) Benzyl Chloride	17.16	91	3148378	10.294	ppbv		98
67) sec-Butylbenzene	17.46	105	7193053	7.417	ppbv		100
69) p-Isopropyltoluene	17.82	119	5918586	7.743	ppbv		99
70) n-Butylbenzene	18.72	91	6063463	7.796	ppbv		100
71) 2-Chlorotoluene	15.62	91	4557863	7.381	ppbv		98
72) 4-Ethyltoluene	16.00	105	4822632	7.539	ppbv		99
73) 1,3,5-Trimethylbenzene	16.16	105	4586183	7.952	ppbv		96
74) 1,2,4-Trimethylbenzene	16.93	105	4522281	7.962	ppbv		96
75) 1,3-Dichlorobenzene	17.17	146	2517667	7.439	ppbv		100
76) 1,4-Dichlorobenzene	17.31	146	2599503	7.692	ppbv		100
77) 1,2-Dichlorobenzene	17.99	146	2530160	7.751	ppbv		100
78) Hexachloro-1,3-Butadiene	23.55	225	1084262	7.169	ppbv		100
79) Naphthalene	22.42	128	2262609	6.075	ppbv		98
80) Naphthalene,2-methyl-	25.12	142	2437280	22.184	ppbv		99
81) 1,2,4-Trichlorobenzene	22.14	180	2297285	11.717	ppbv		100

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

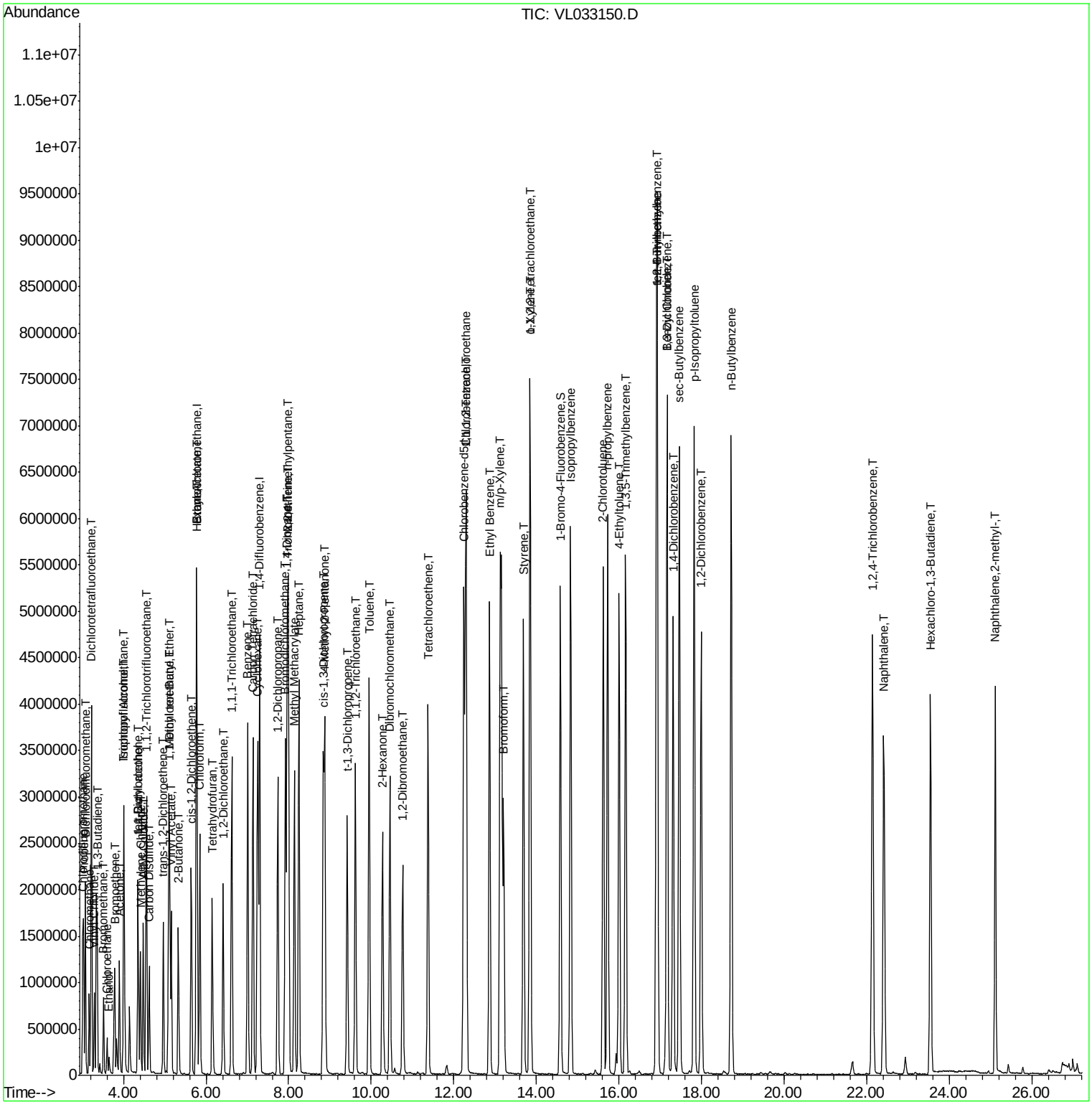
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020419\

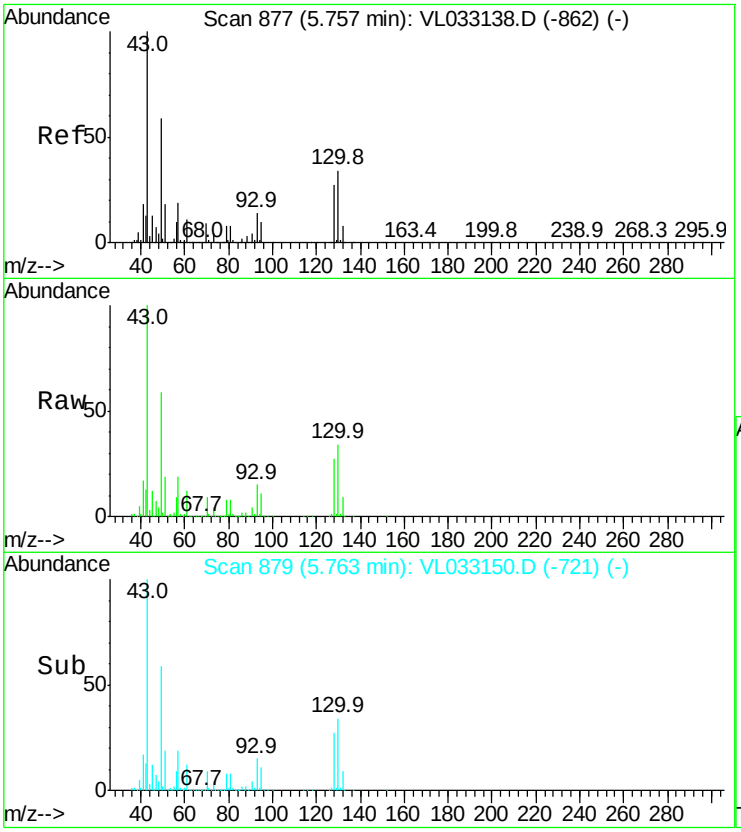
Quantitation Report (Not Reviewed)

Data File : VL033150.D
Acq On : 4 Feb 2019 10:01
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Feb 04 10:44:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL020419AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Feb 01 22:01:04 2019
QLast Update : Fri Feb 01 22:01:04 2019
Response via : Initial Calibration



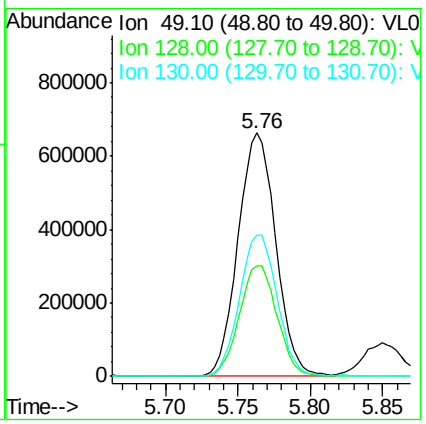


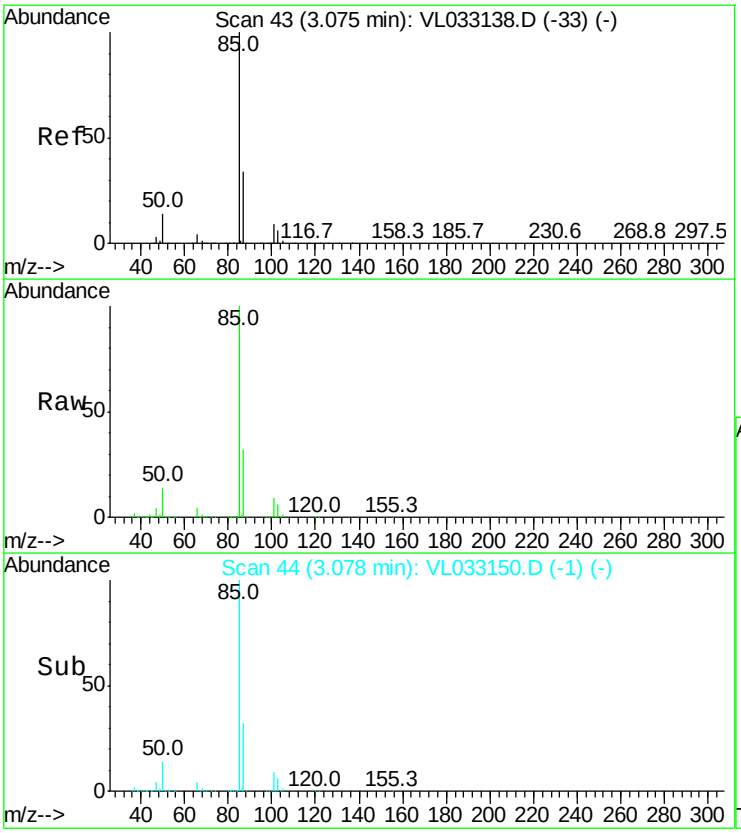
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 879
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 49 Resp: 1204441

Ion	Ratio	Lower	Upper
49	100		
128	45.6	23.2	69.5
130	58.3	29.5	88.6

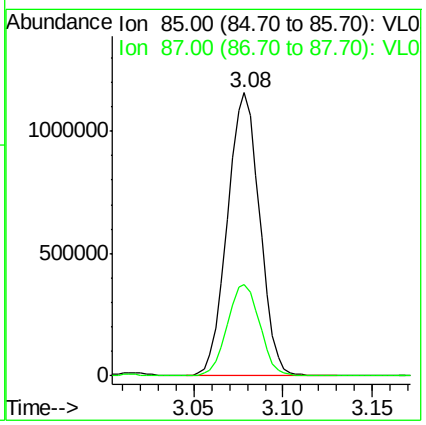


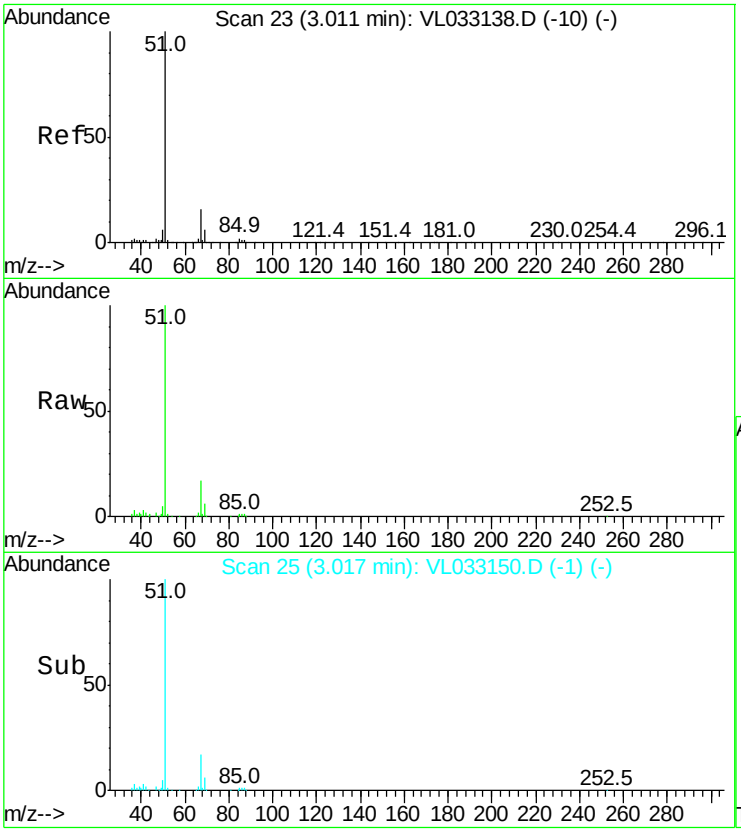


#2
Dichlorodifluoromethane
Concen: 8.063 ppbv
RT: 3.08 min Scan# 44
Delta R.T. 0.00 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Tgt Ion: 85 Resp: 1456426

Ion	Ratio	Lower	Upper
85	100		
87	32.4	27.4	41.0



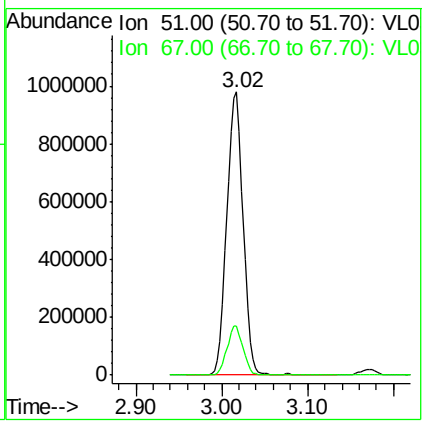


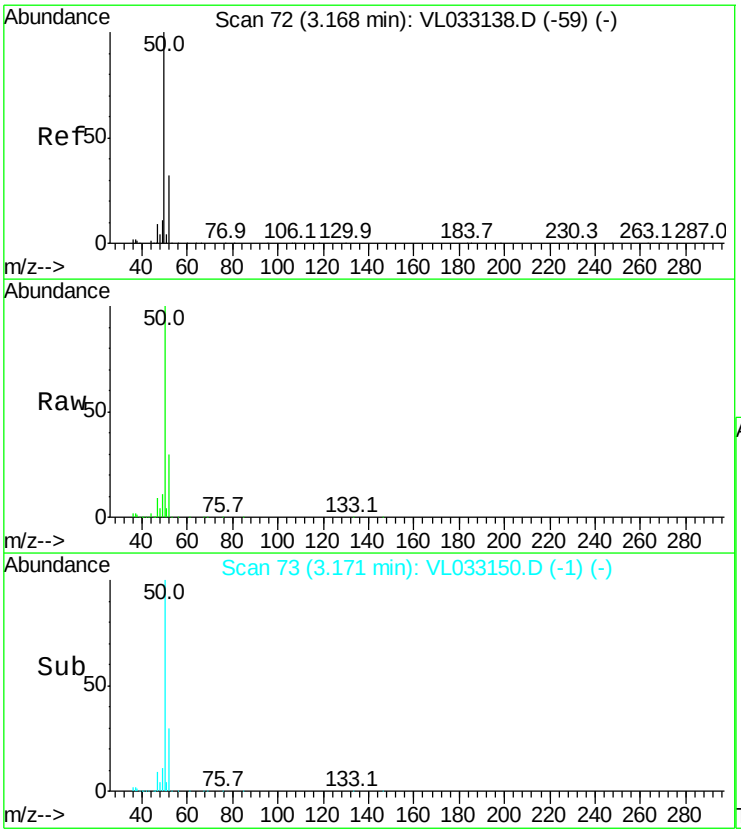
#3
Chlorodifluoromethane
Concen: 6.661 ppbv
RT: 3.02 min Scan# 25
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 51 Resp: 1290348

Ion	Ratio	Lower	Upper
51	100		
67	17.0	13.4	20.2

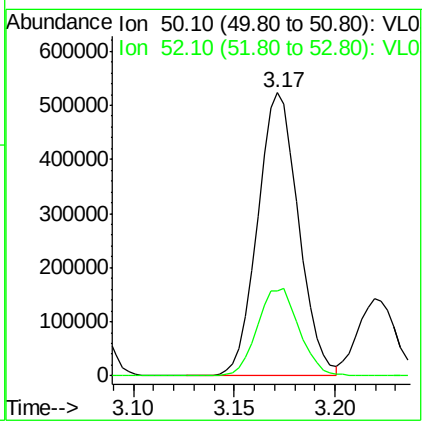


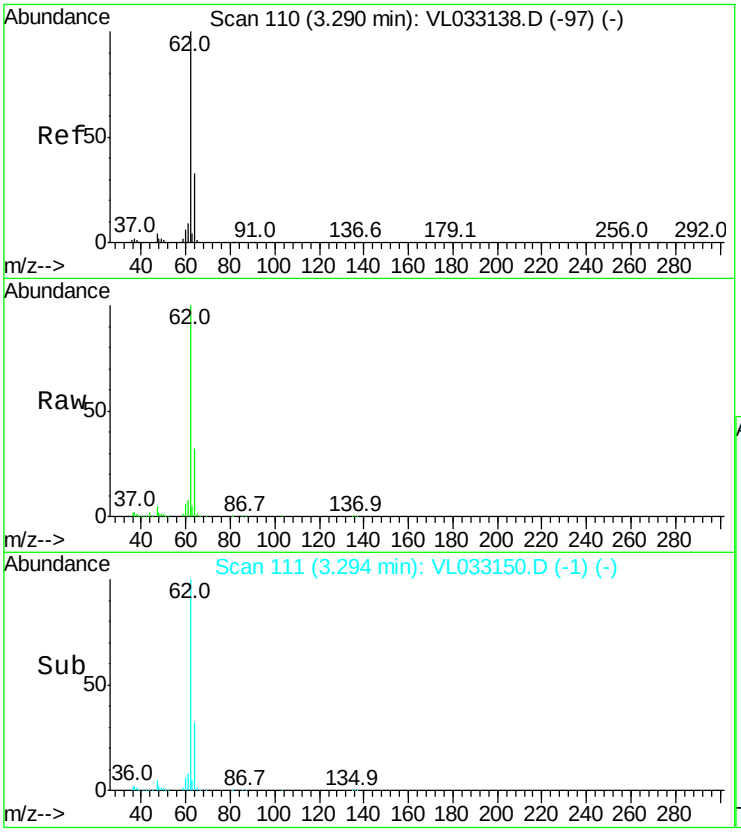


#4
Chloromethane
Concen: 6.643 ppbv
RT: 3.17 min Scan# 73
Delta R.T. 0.00 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Tgt Ion: 50 Resp: 740789

Ion	Ratio	Lower	Upper
50	100		
52	30.1	25.7	38.5



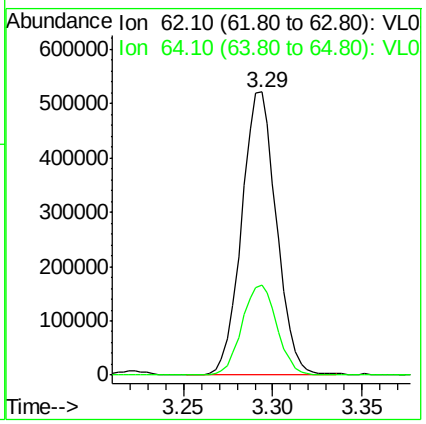


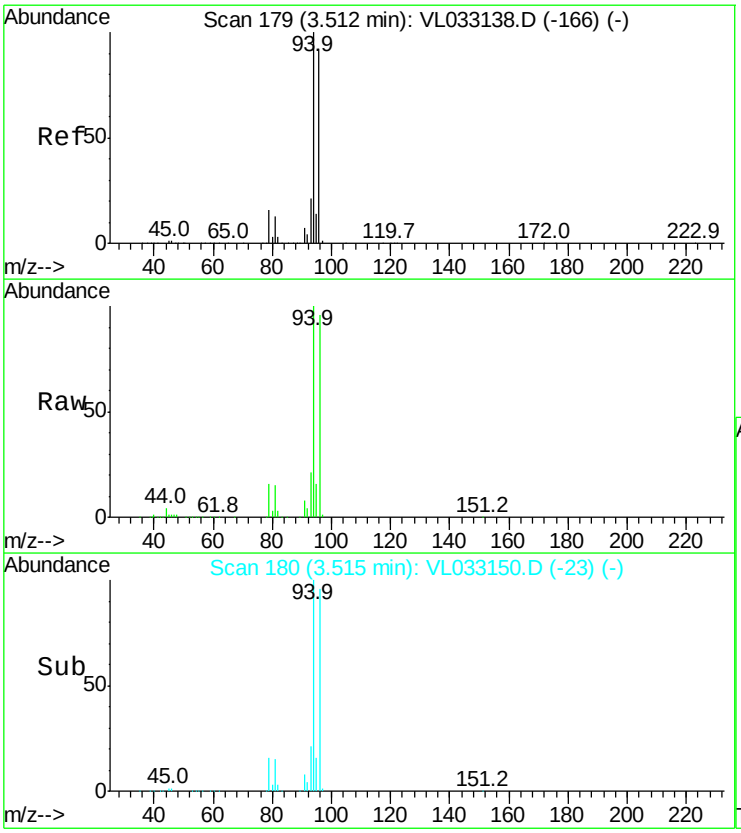
#5
Vinyl Chloride
Concen: 5.845 ppbv
RT: 3.29 min Scan# 111
Delta R.T. 0.00 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 62 Resp: 712978

Ion	Ratio	Lower	Upper
62	100		
64	31.7	26.3	39.5

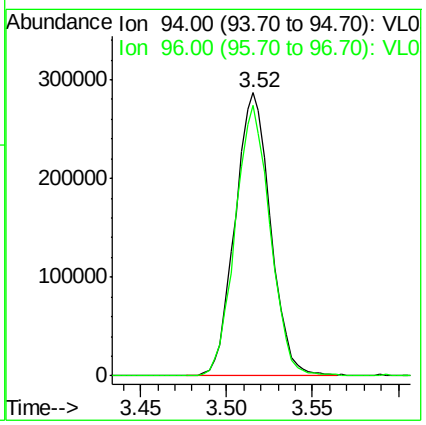


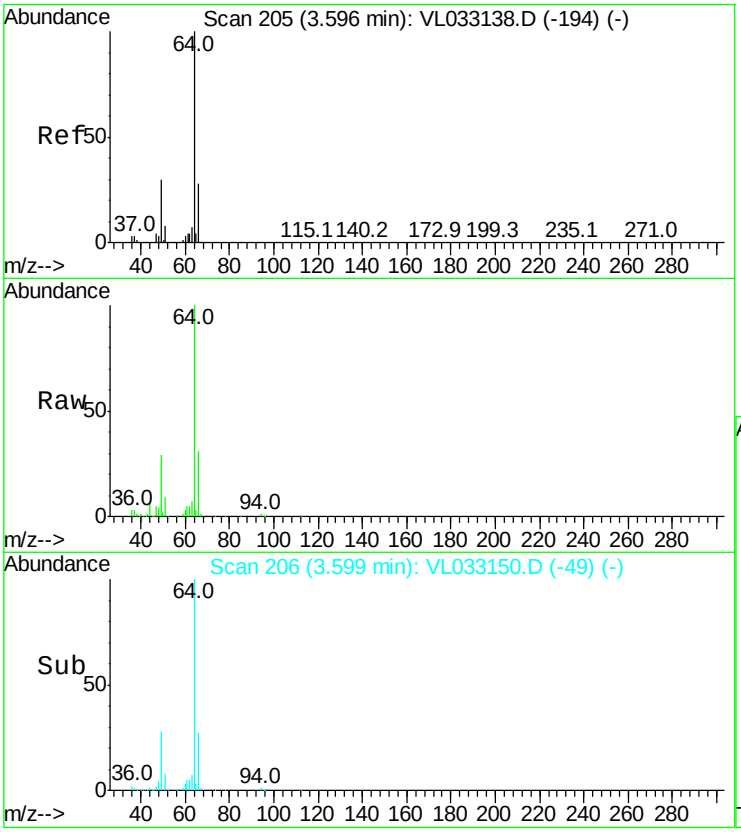


#6
Bromomethane
Concen: 7.622 ppbv
RT: 3.52 min Scan# 180
Delta R.T. 0.00 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Tgt Ion: 94 Resp: 409702

Ion	Ratio	Lower	Upper
94	100		
96	95.6	74.0	111.0



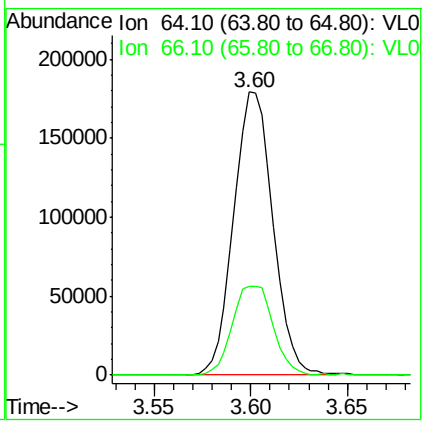


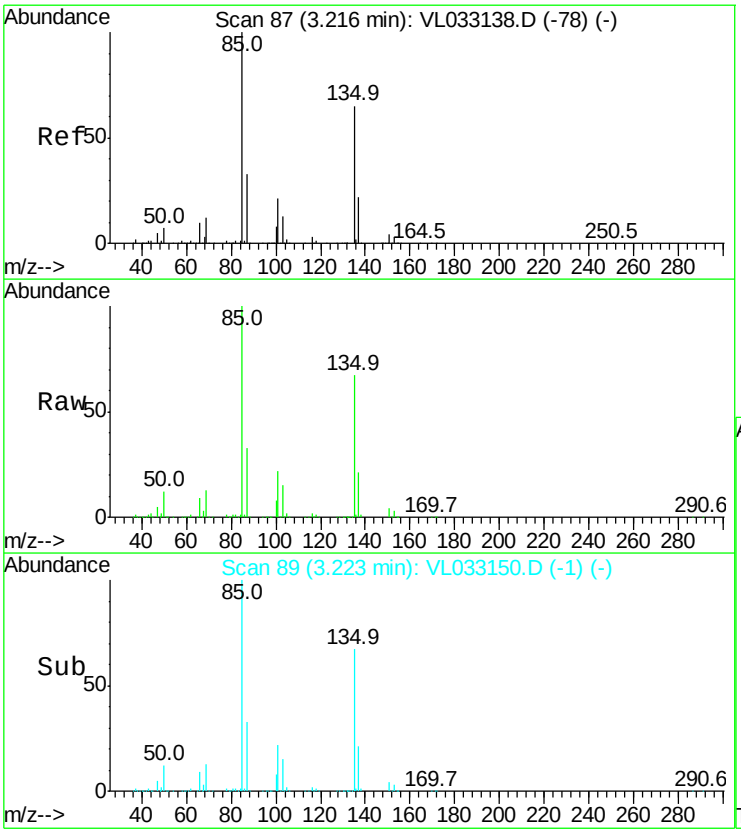
#7
Chloroethane
Concen: 7.695 ppbv
RT: 3.60 min Scan# 206
Delta R.T. 0.00 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 64 Resp: 253305

Ion	Ratio	Lower	Upper
64	100		
66	31.2	22.3	33.5

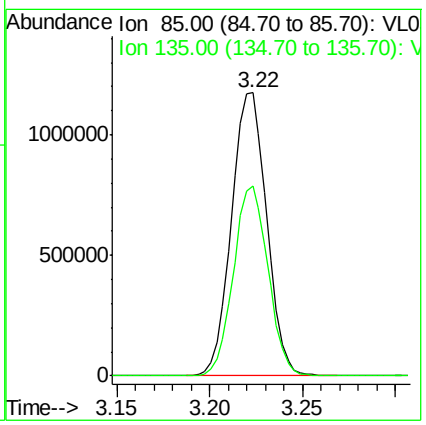


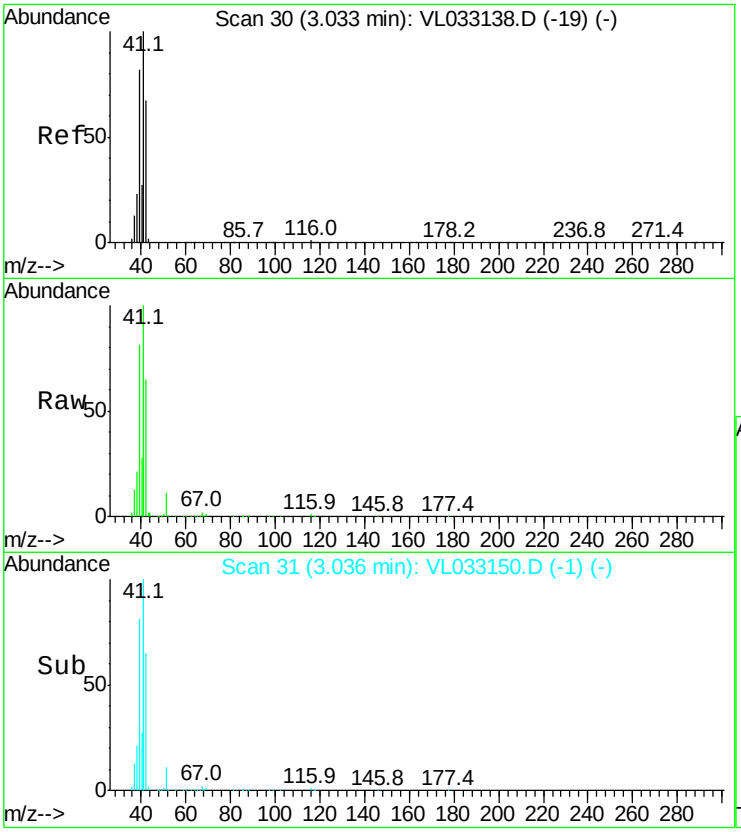


#8
Dichlorotetrafluoroethane
Concen: 6.905 ppbv
RT: 3.22 min Scan# 89
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Tgt Ion: 85 Resp: 1542376

Ion	Ratio	Lower	Upper
85	100		
135	66.4	54.0	81.0



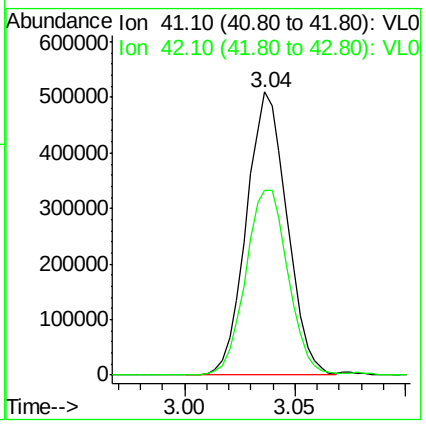


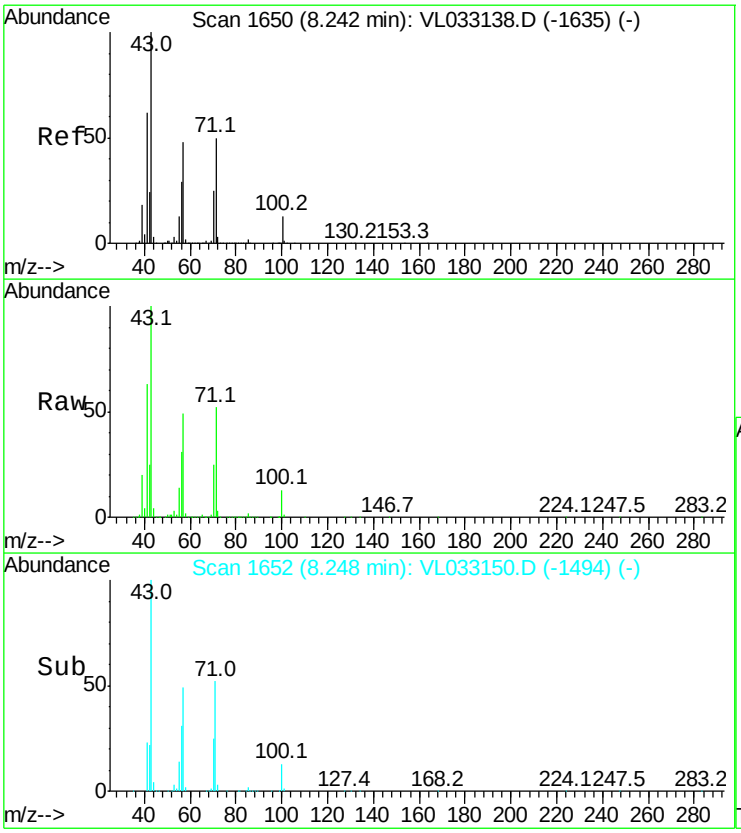
#9
Propene
Concen: 6.574 ppbv
RT: 3.04 min Scan# 31
Delta R.T. 0.00 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 41 Resp: 650693

Ion	Ratio	Lower	Upper
41	100		
42	69.1	55.1	82.7

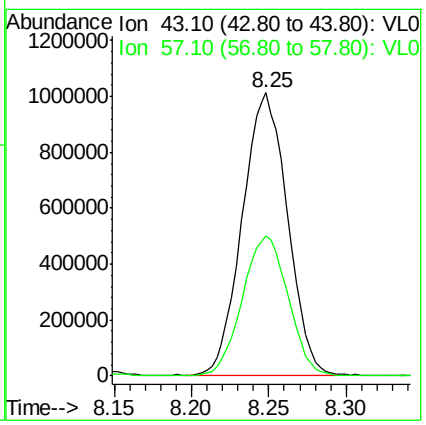


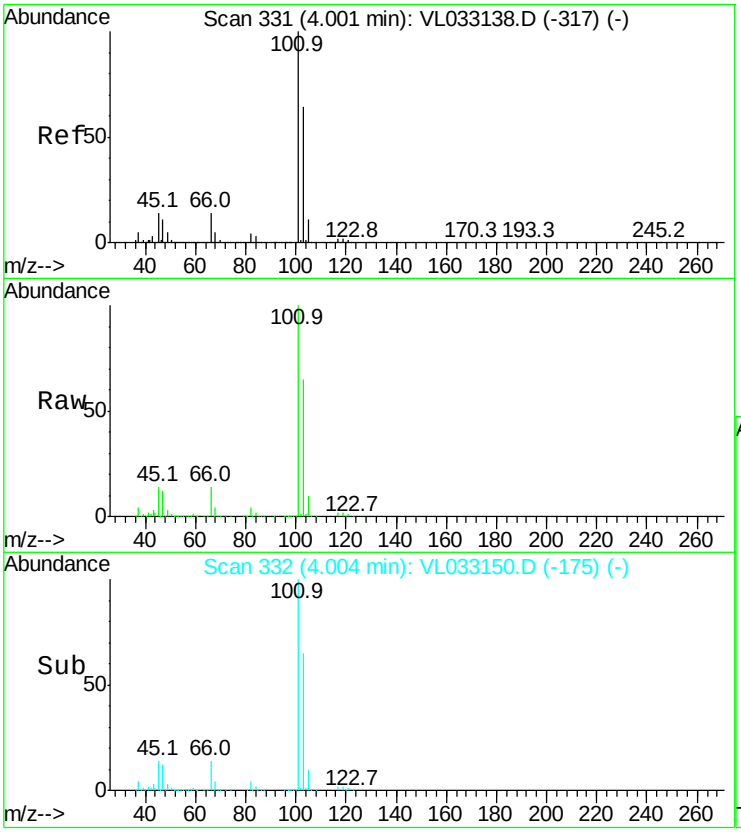


#10
Heptane
Concen: 11.086 ppbv
RT: 8.25 min Scan# 1652
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Tgt Ion: 43 Resp: 2044681

Ion	Ratio	Lower	Upper
43	100		
57	50.5	39.3	58.9



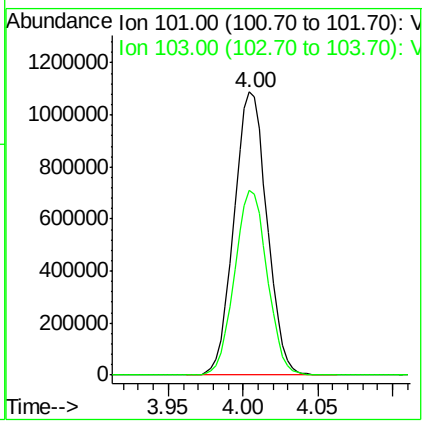


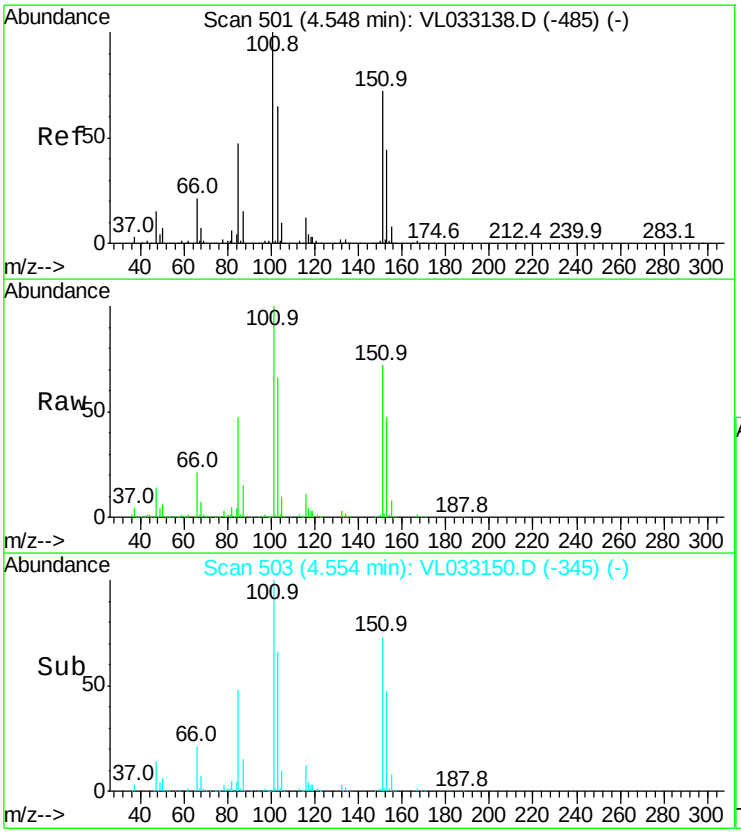
#11
Trichlorofluoromethane
Concen: 8.797 ppbv
RT: 4.00 min Scan# 332
Delta R.T. 0.00 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:101 Resp: 1672144

Ion	Ratio	Lower	Upper
101	100		
103	65.4	51.3	76.9

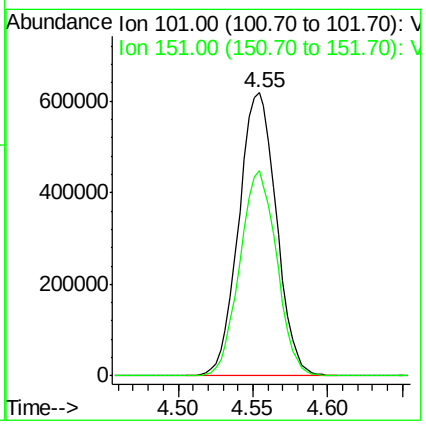


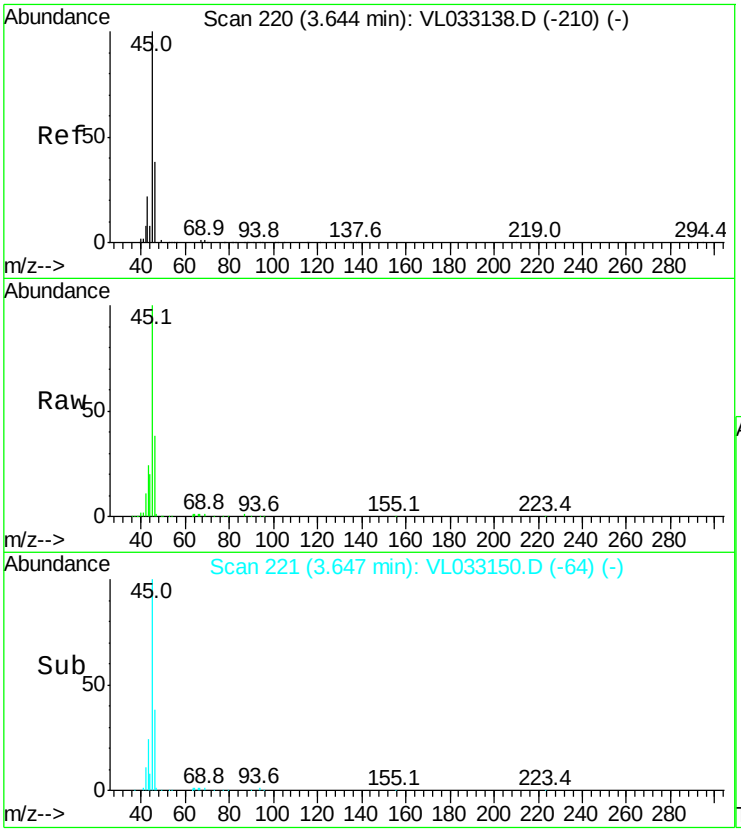


#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.941 ppbv
RT: 4.55 min Scan# 503
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Tgt Ion:101 Resp: 1081687

Ion	Ratio	Lower	Upper
101	100		
151	71.3	57.9	86.9



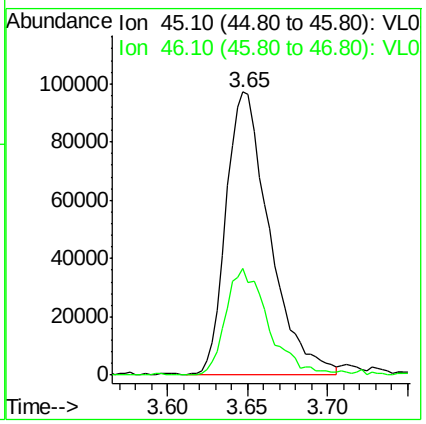


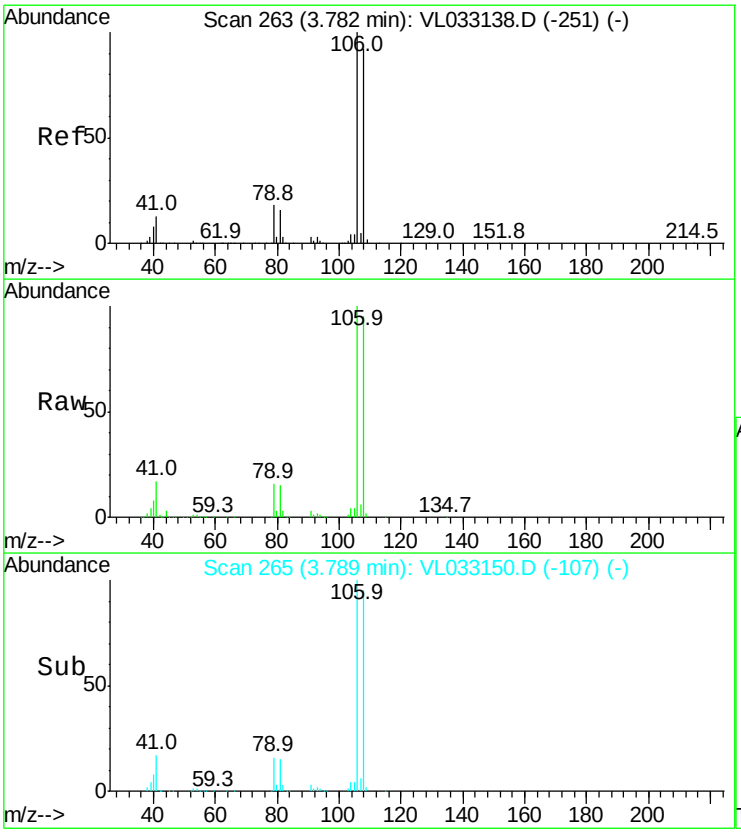
#13
Ethanol
Concen: 6.433 ppbv
RT: 3.65 min Scan# 221
Delta R.T. 0.00 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 180149

Ion	Ratio	Lower	Upper
45	100		
46	37.8	14.0	56.2

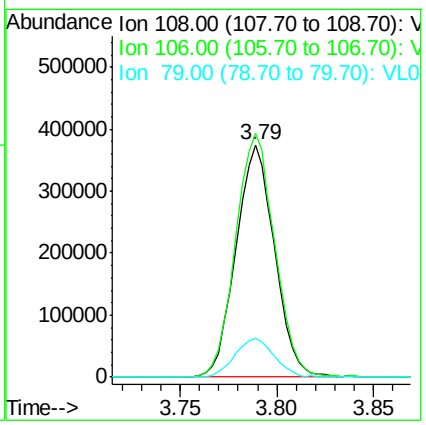


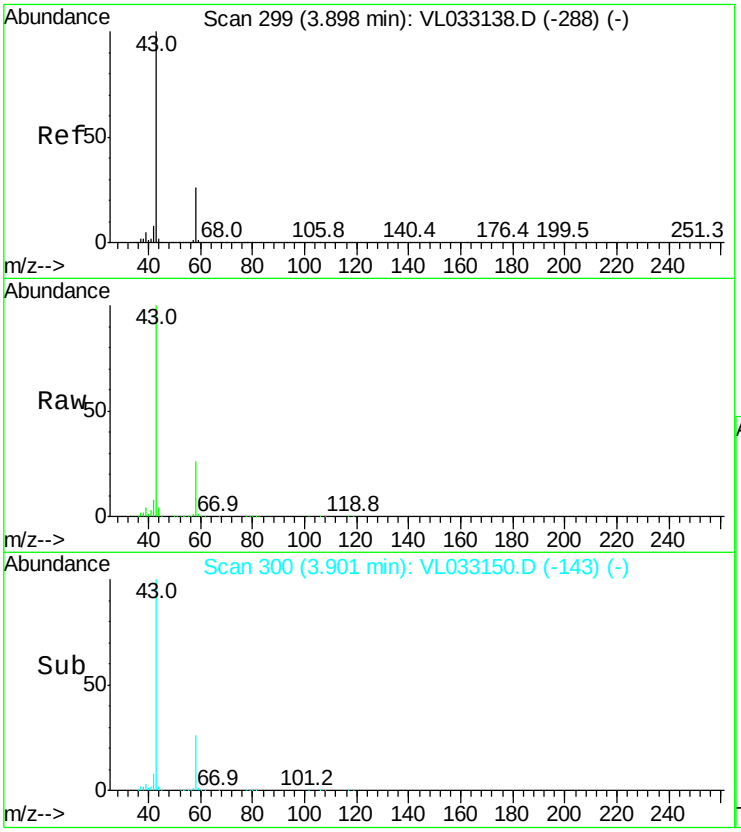


#14
Bromoethene
Concen: 8.481 ppbv
RT: 3.79 min Scan# 265
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Tgt Ion:108 Resp: 519005

Ion	Ratio	Lower	Upper
108	100		
106	106.9	85.6	128.4
79	17.2	14.2	21.4



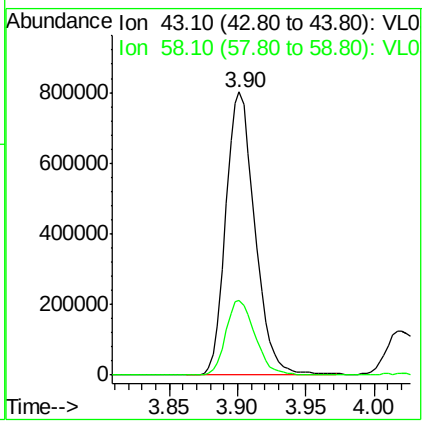


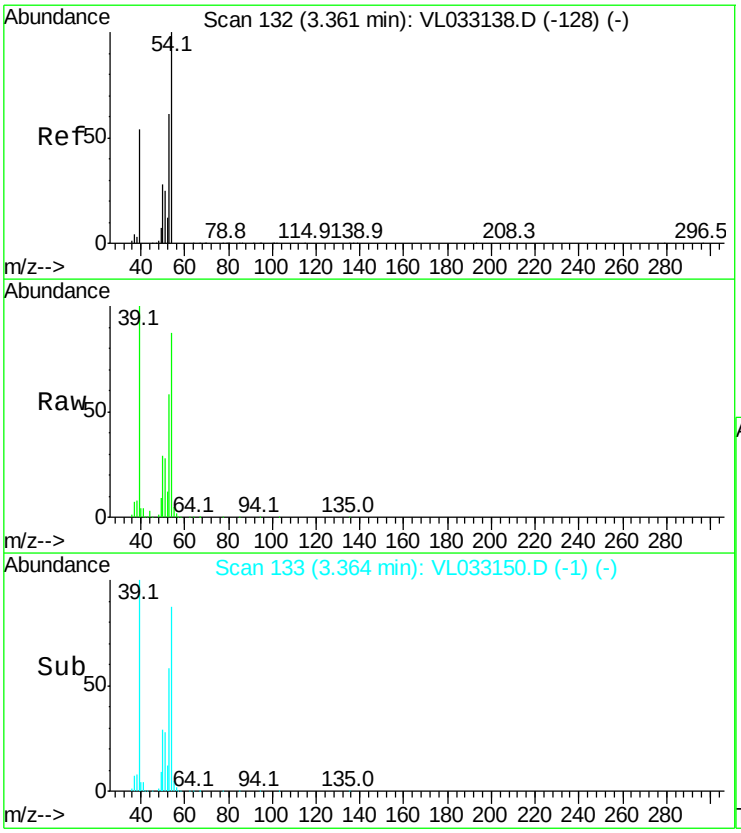
#15
Acetone
Concen: 7.768 ppbv
RT: 3.90 min Scan# 300
Delta R.T. 0.00 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 1186074

Ion	Ratio	Lower	Upper
43	100		
58	26.4	21.8	32.6

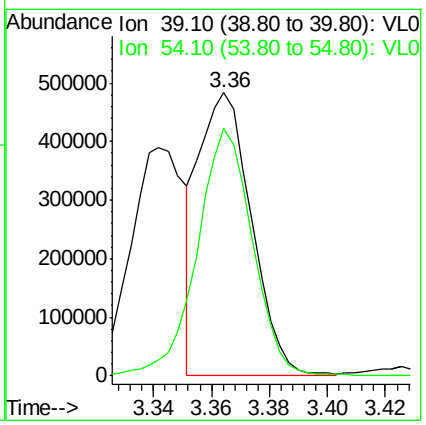


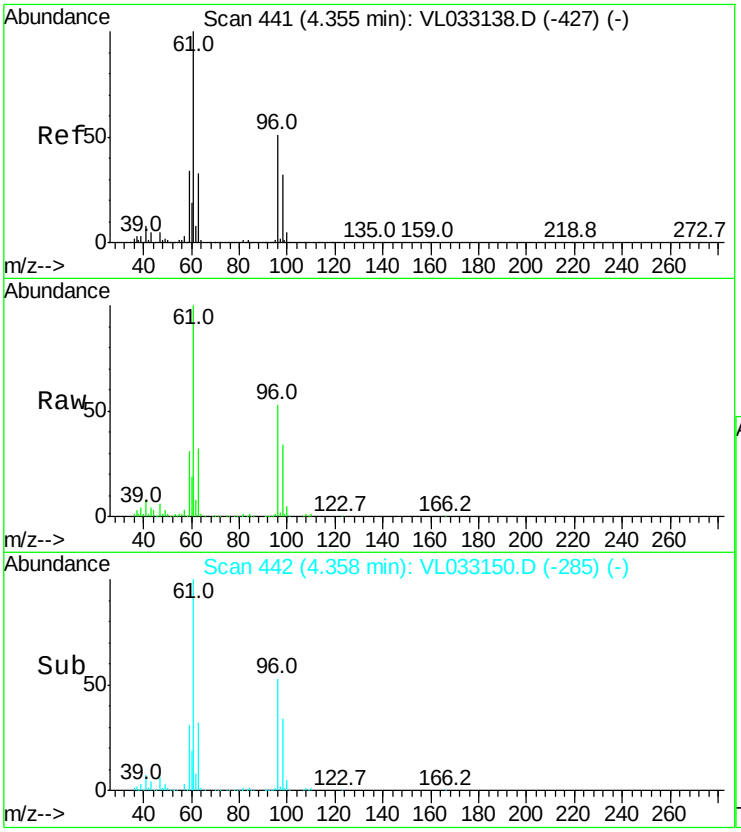


#16
1,3-Butadiene
Concen: 8.290 ppbv
RT: 3.36 min Scan# 133
Delta R.T. 0.00 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Tgt Ion: 39 Resp: 606861

Ion	Ratio	Lower	Upper
39	100		
54	93.0	75.0	112.6



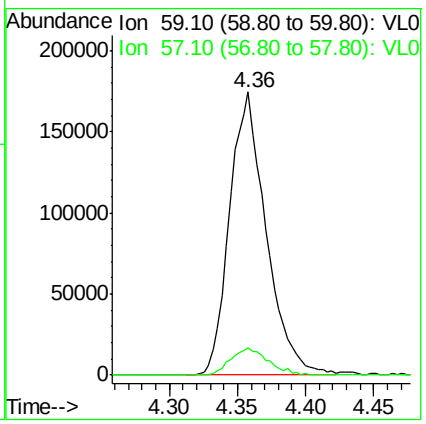


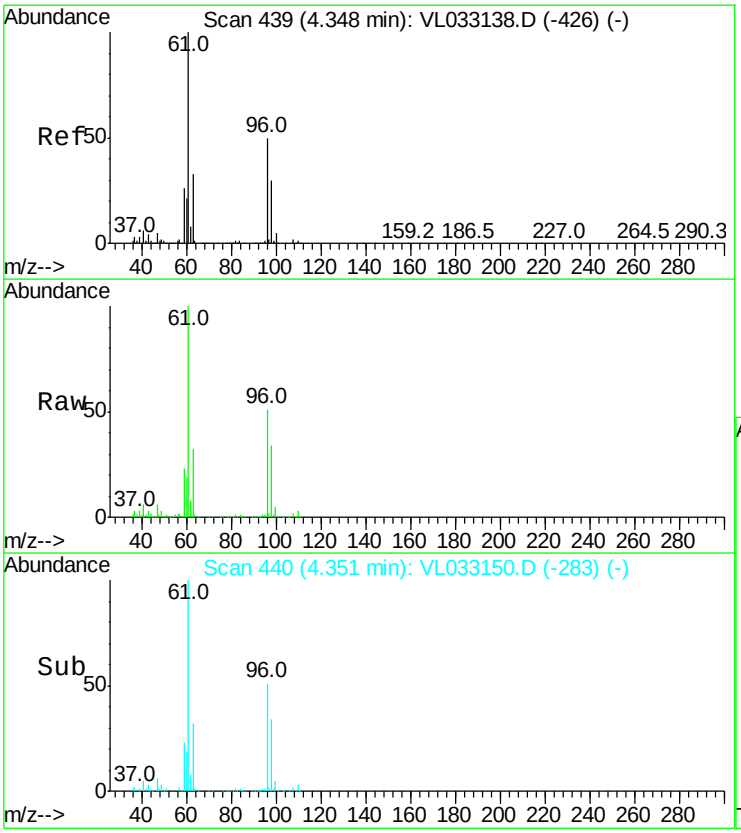
#17
tert-Butyl alcohol
Concen: 8.836 ppbv
RT: 4.36 min Scan# 442
Delta R.T. 0.00 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 59 Resp: 325261

Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.0	12.0

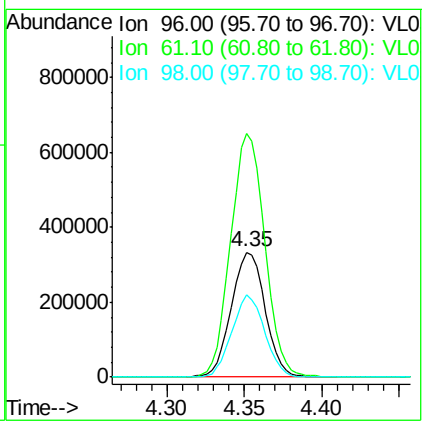


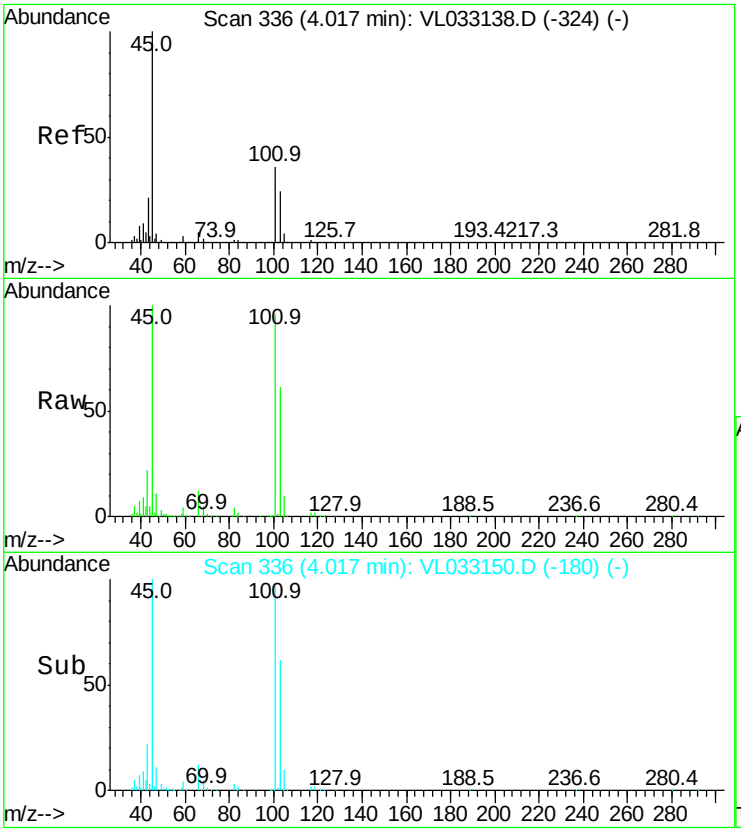


#18
1,1-Dichloroethene
Concen: 8.662 ppbv
RT: 4.35 min Scan# 440
Delta R.T. 0.00 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Tgt Ion: 96 Resp: 506215

Ion	Ratio	Lower	Upper
96	100		
61	194.7	158.5	237.7
98	66.2	47.8	71.6



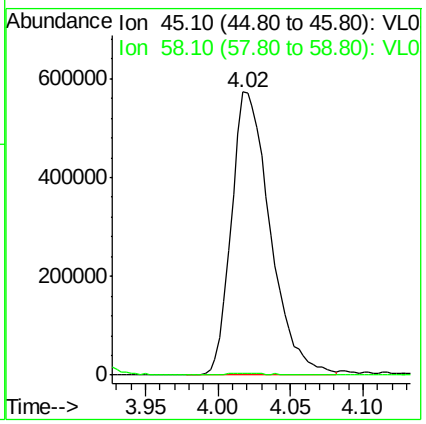


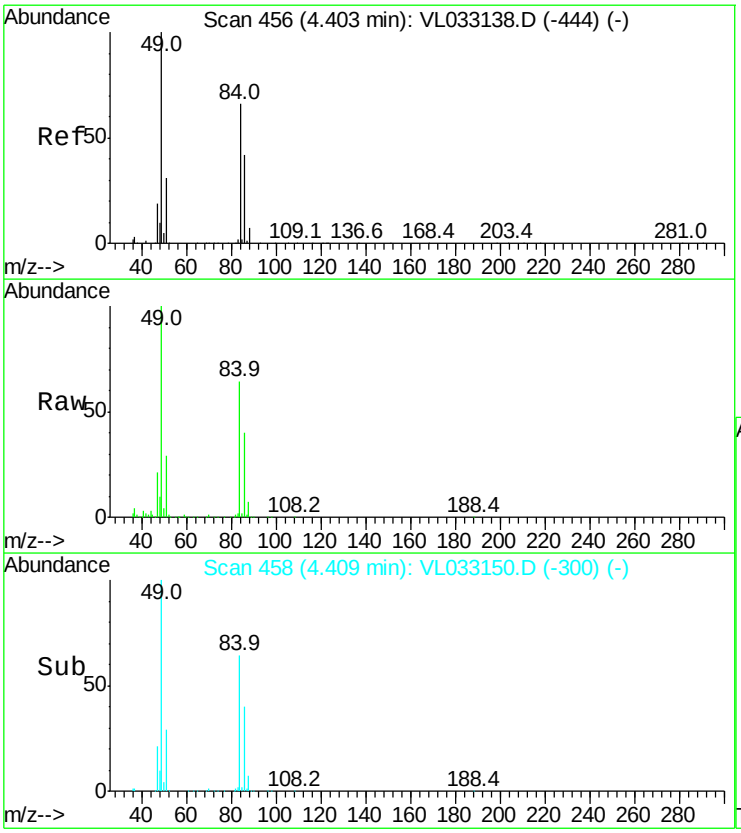
#19
Isopropyl Alcohol
Concen: 9.098 ppbv
RT: 4.02 min Scan# 336
Delta R.T. 0.00 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 1062126

Ion	Ratio	Lower	Upper
45	100		
58	29.4	25.1	37.7

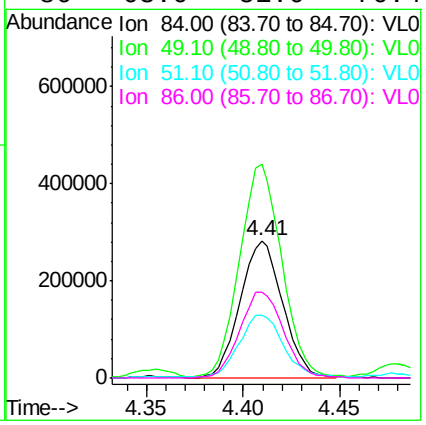


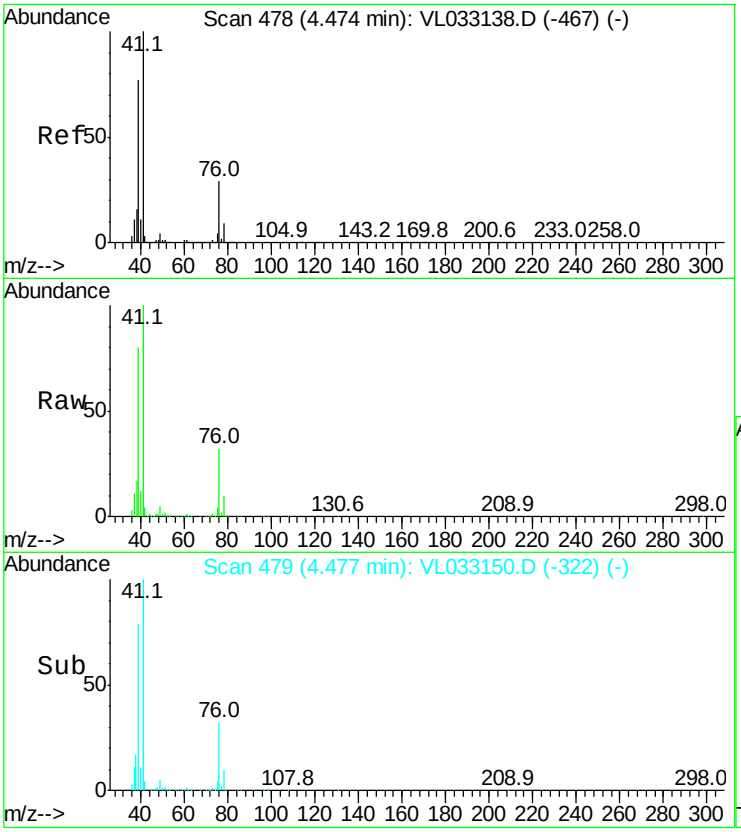


#20
Methylene Chloride
Concen: 7.248 ppbv
RT: 4.41 min Scan# 458
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Tgt Ion: 84 Resp: 428127

Ion	Ratio	Lower	Upper
84	100		
49	155.3	121.1	181.7
51	45.0	37.5	56.3
86	63.0	51.0	76.4



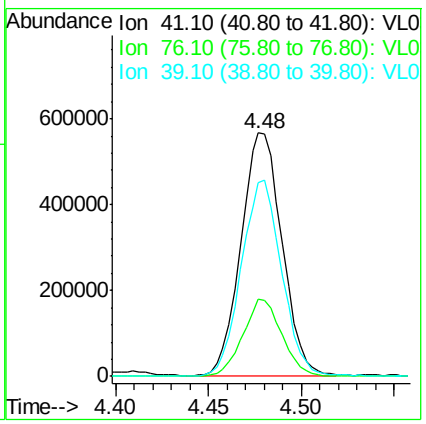


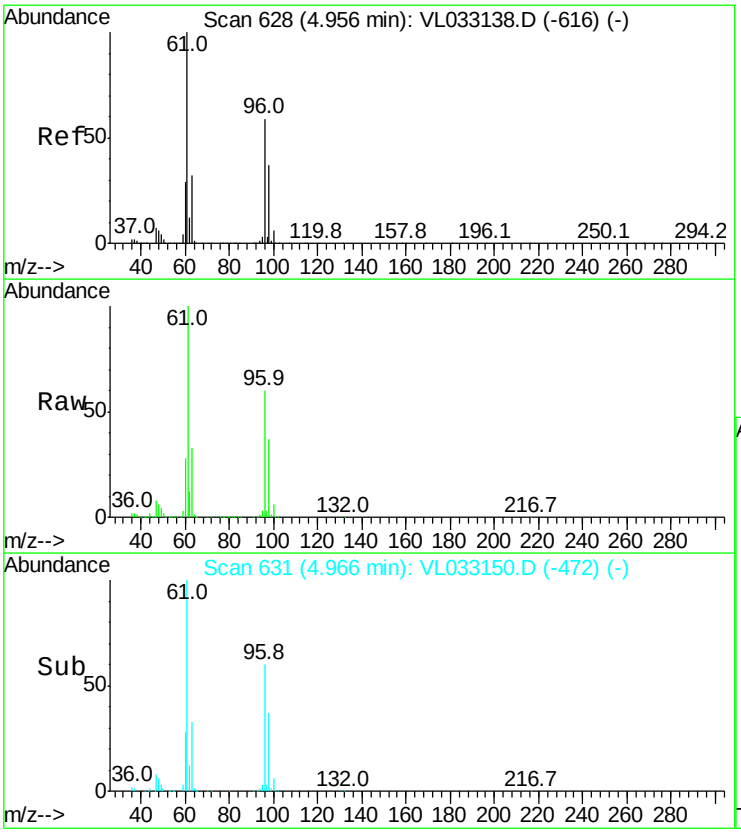
#21
Allyl Chloride
Concen: 8.846 ppbv
RT: 4.48 min Scan# 479
Delta R.T. 0.00 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 41 Resp: 867705

Ion	Ratio	Lower	Upper
41	100		
76	30.3	23.2	34.8
39	79.4	61.8	92.6

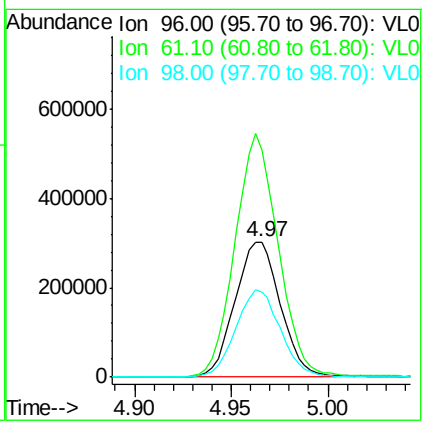


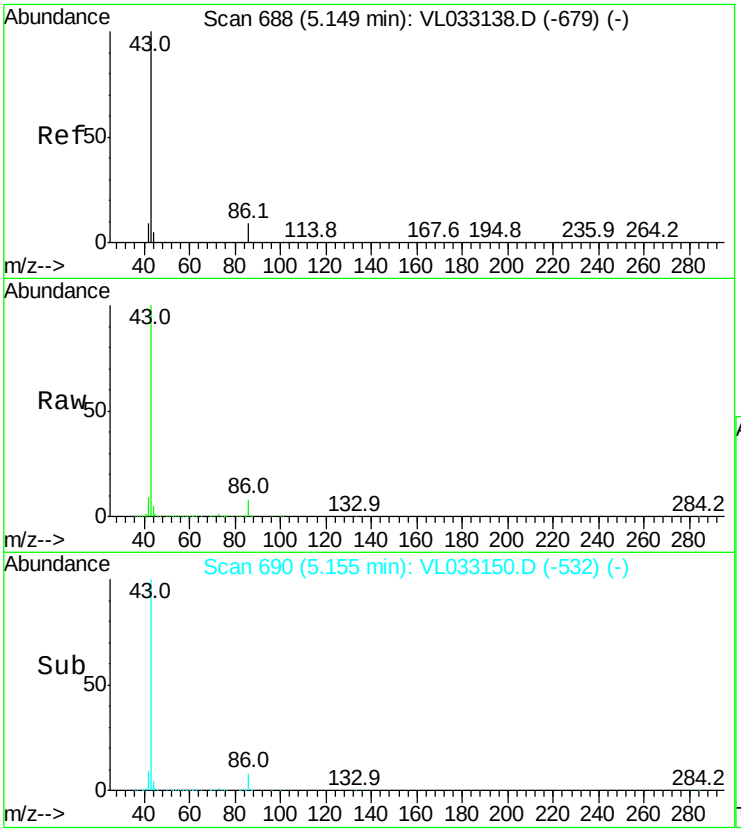


#22
trans-1,2-Dichloroethene
Concen: 9.059 ppbv
RT: 4.97 min Scan# 631
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Tgt Ion: 96 Resp: 493327

Ion	Ratio	Lower	Upper
96	100		
61	167.0	134.5	201.7
98	62.7	50.2	75.2



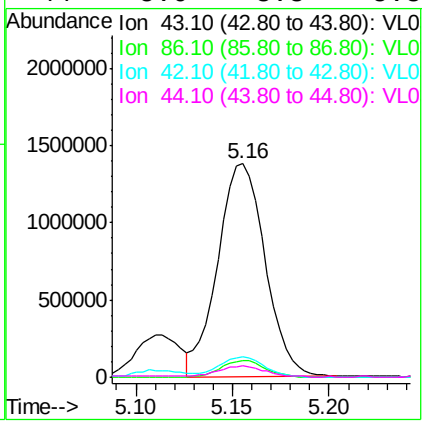


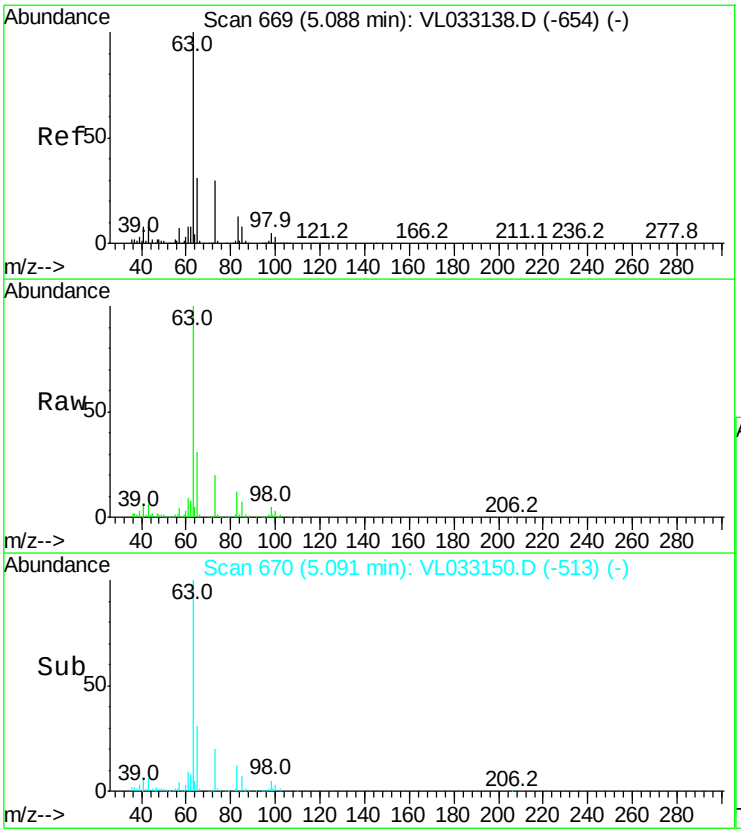
#23
Vinyl Acetate
Concen: 8.851 ppbv
RT: 5.16 min Scan# 690
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 43 Resp: 2346773

Ion	Ratio	Lower	Upper
43	100		
86	8.0	6.2	9.4
42	9.2	7.7	11.5
44	5.0	3.8	5.8

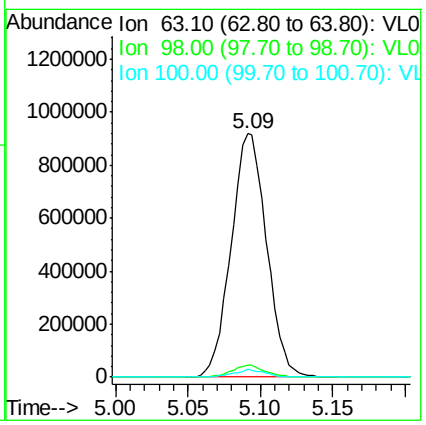


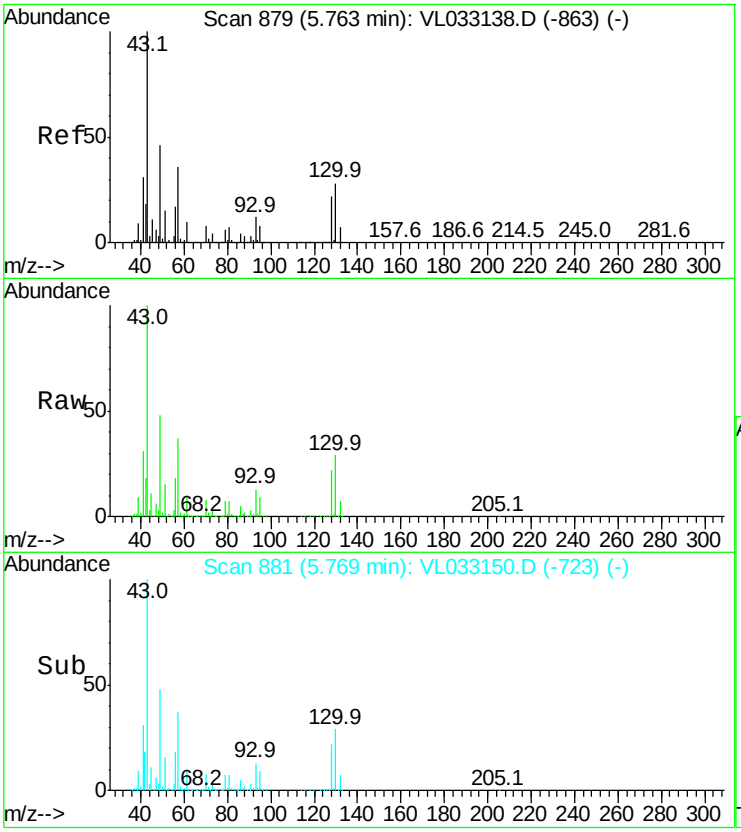


#24
1,1-Dichloroethane
Concen: 8.812 ppbv
RT: 5.09 min Scan# 670
Delta R.T. 0.00 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Tgt Ion: 63 Resp: 1558711

Ion	Ratio	Lower	Upper
63	100		
98	4.9	2.3	6.9
100	3.1	1.3	3.9



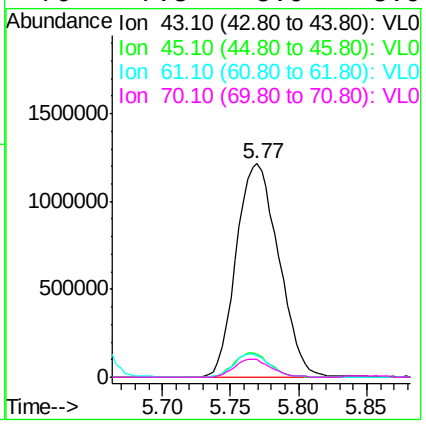


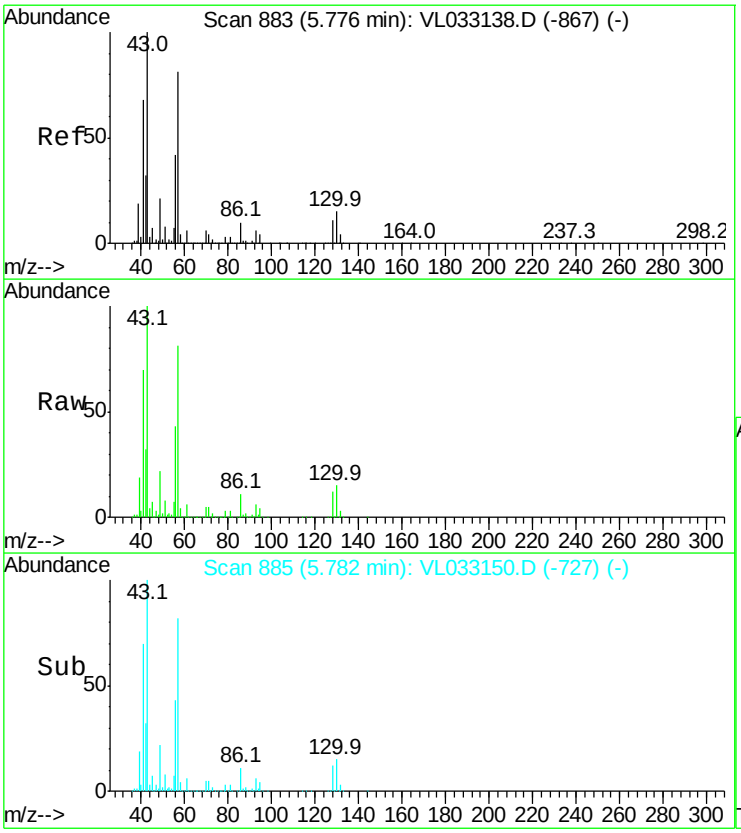
#25
Ethyl Acetate
Concen: 8.016 ppbv
RT: 5.77 min Scan# 881
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 43 Resp: 2621752

Ion	Ratio	Lower	Upper
43	100		
45	9.8	8.0	12.0
61	9.4	7.4	11.2
70	7.3	5.9	8.9

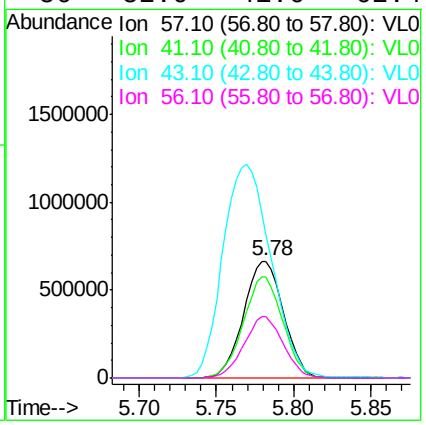


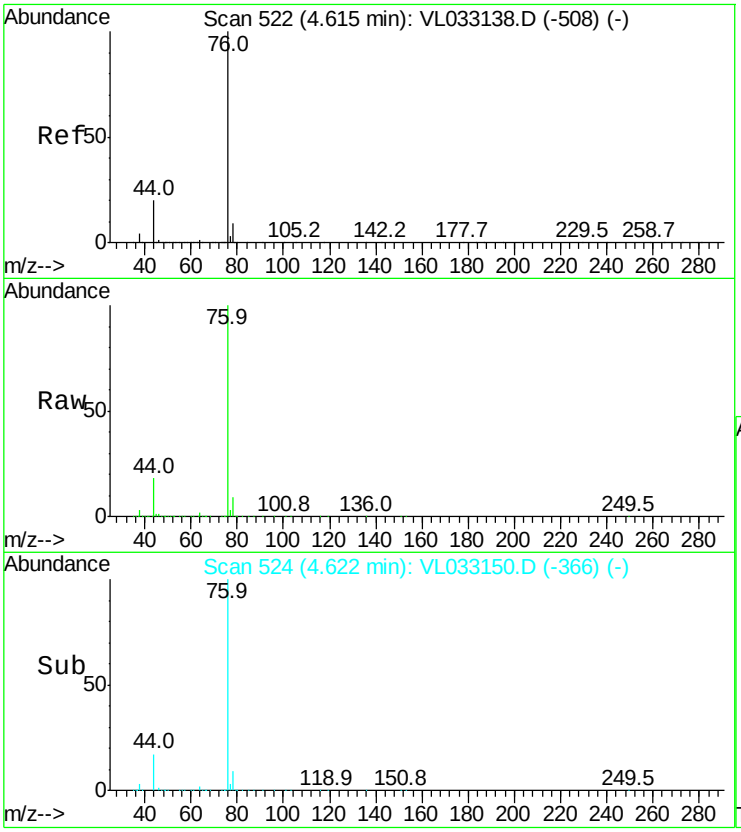


#26
Hexane
Concen: 7.449 ppbv
RT: 5.78 min Scan# 885
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Tgt Ion: 57 Resp: 1192730

Ion	Ratio	Lower	Upper
57	100		
41	85.9	69.5	104.3
43	221.3	175.5	263.3
56	52.0	41.6	62.4



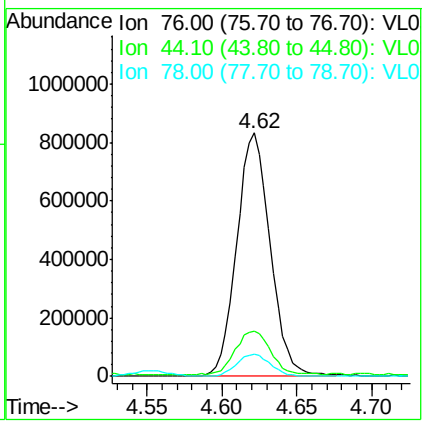


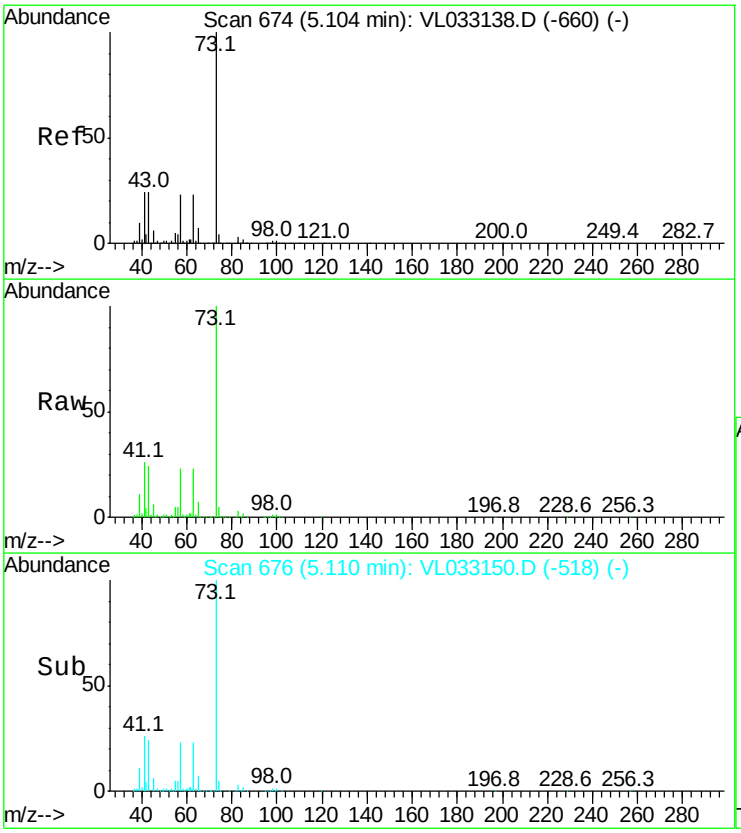
#27
Carbon Disulfide
Concen: 10.043 ppbv
RT: 4.62 min Scan# 524
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 76 Resp: 1298443

Ion	Ratio	Lower	Upper
76	100		
44	19.1	17.1	25.7
78	9.3	7.2	10.8

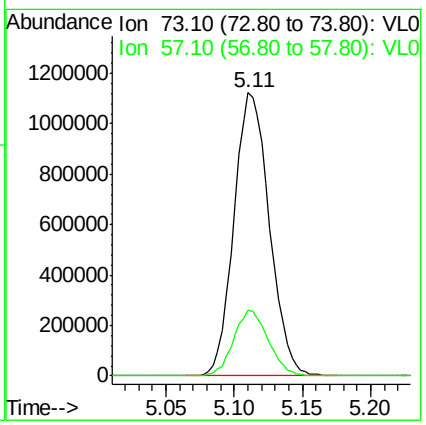


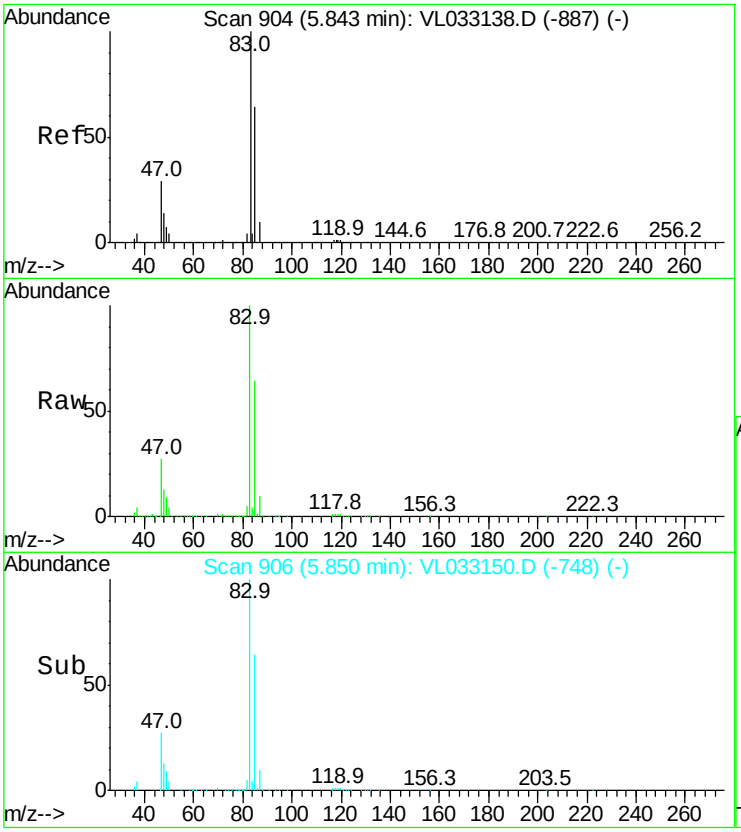


#28
Methyl tert-Butyl Ether
Concen: 8.799 ppbv
RT: 5.11 min Scan# 676
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Tgt Ion: 73 Resp: 2024923

Ion	Ratio	Lower	Upper
73	100		
57	22.9	18.3	27.5



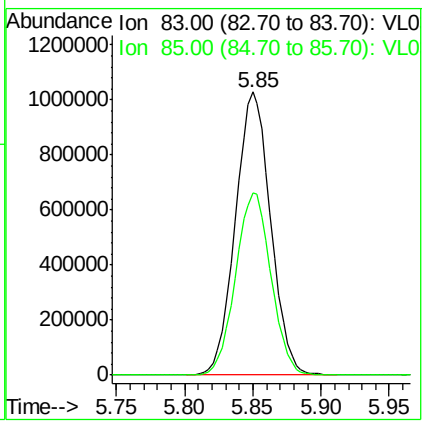


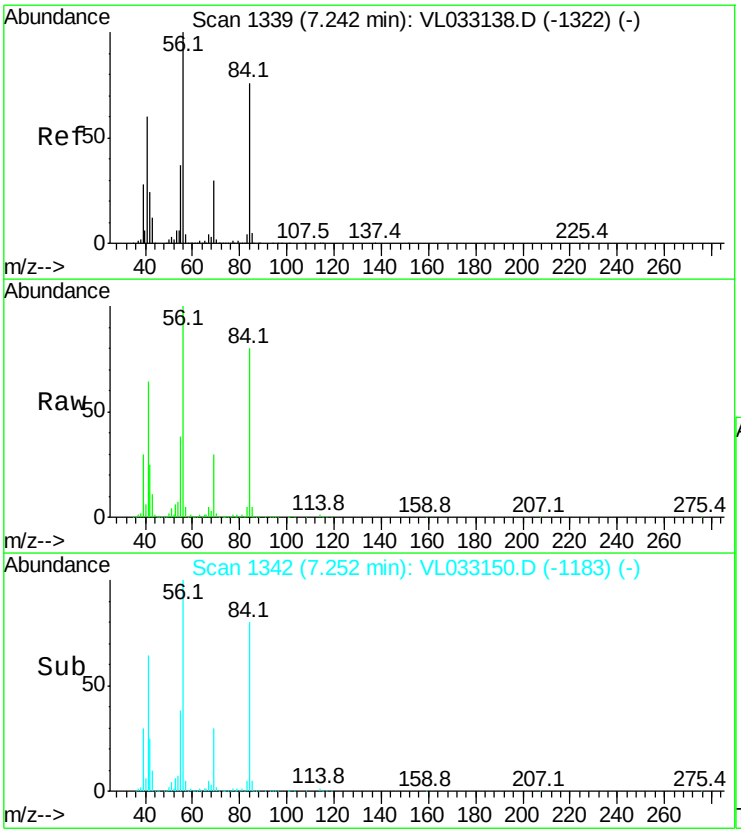
#29
Chloroform
Concen: 8.500 ppbv
RT: 5.85 min Scan# 906
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 83 Resp: 1838349

Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.6	77.4

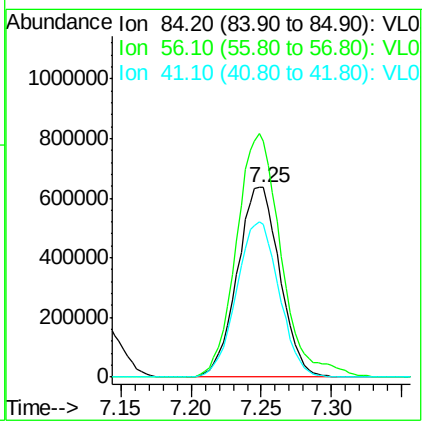


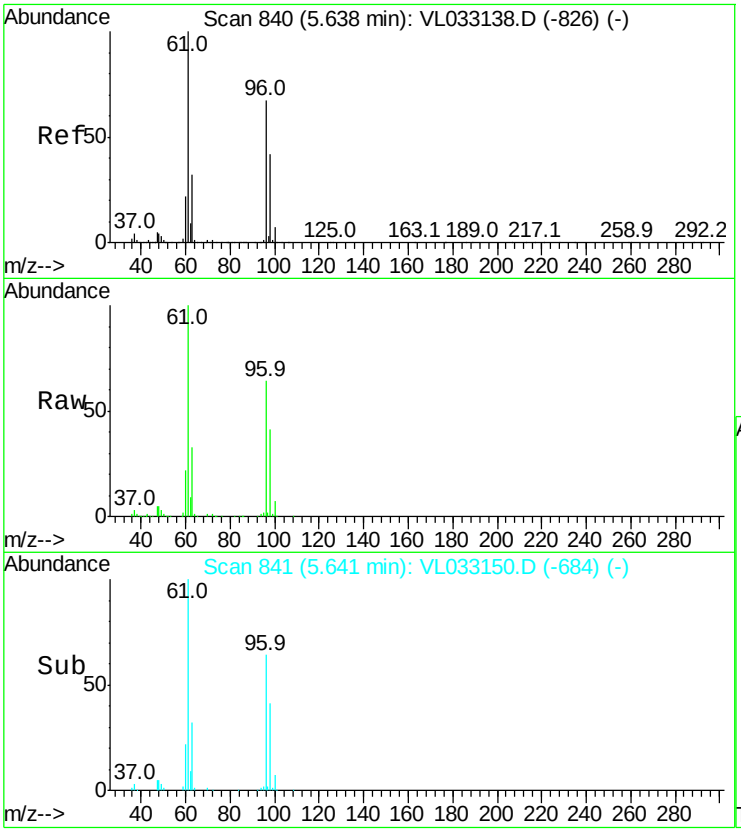


#30
Cyclohexane
Concen: 10.823 ppbv
RT: 7.25 min Scan# 1342
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Tgt Ion: 84 Resp: 1343449

Ion	Ratio	Lower	Upper
84	100		
56	135.0	109.0	163.4
41	82.0	65.3	97.9



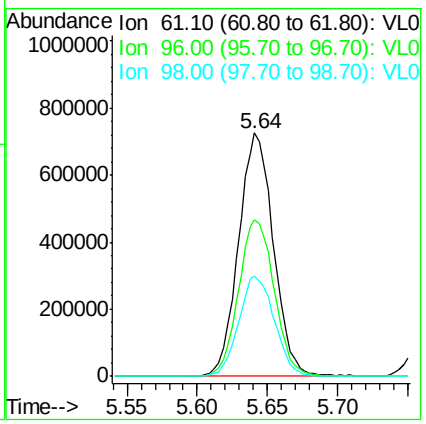


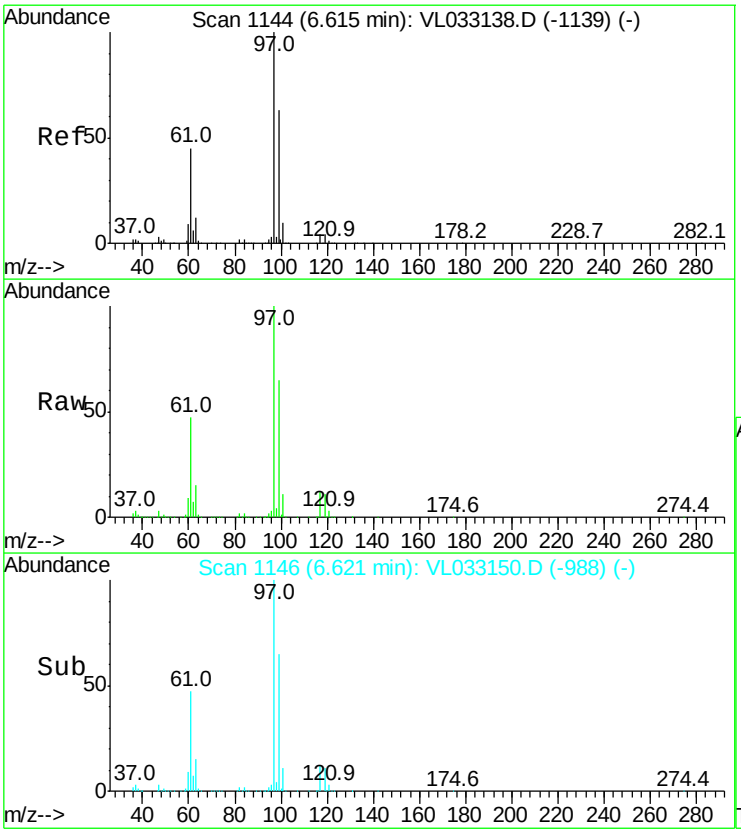
#31
cis-1,2-Dichloroethene
Concen: 8.592 ppbv
RT: 5.64 min Scan# 841
Delta R.T. 0.00 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 61 Resp: 1256225

Ion	Ratio	Lower	Upper
61	100		
96	64.4	53.3	79.9
98	41.4	33.7	50.5

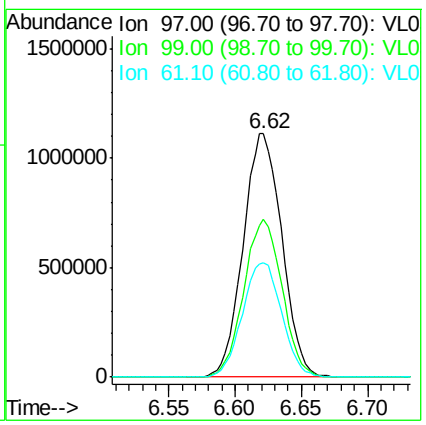


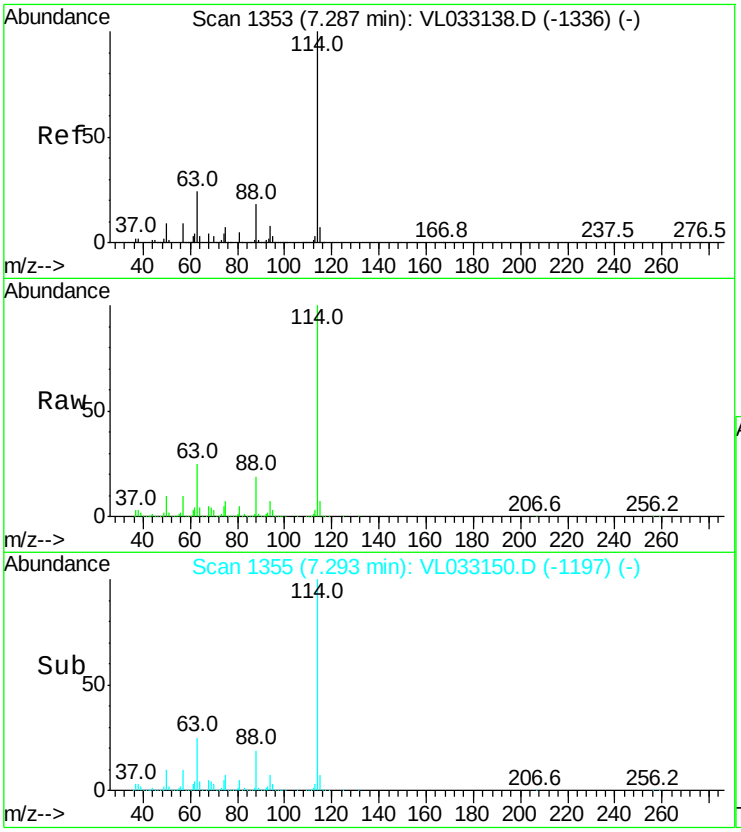


#32
1,1,1-Trichloroethane
Concen: 10.141 ppbv
RT: 6.62 min Scan# 1146
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Tgt Ion: 97 Resp: 2264573

Ion	Ratio	Lower	Upper
97	100		
99	63.9	65.1	97.7#
61	47.6	47.7	71.5#



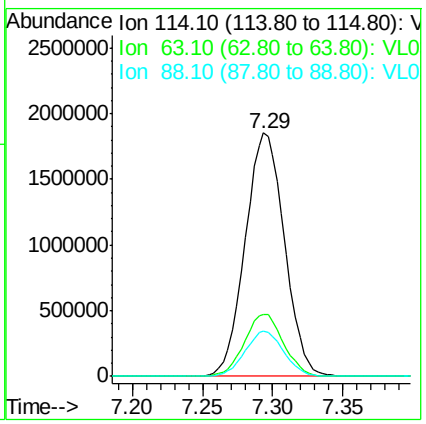


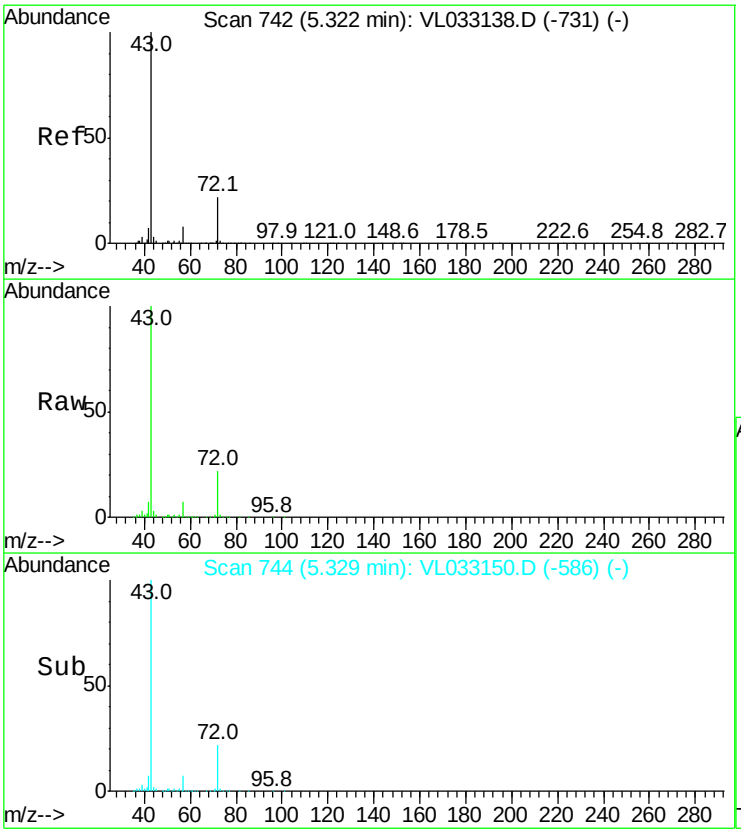
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:114 Resp: 3602678

Ion	Ratio	Lower	Upper
114	100		
63	25.7	20.0	30.0
88	18.3	14.4	21.6

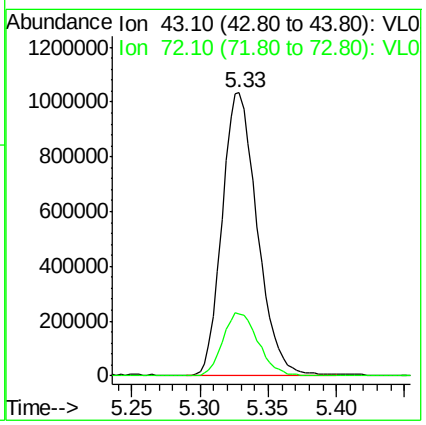


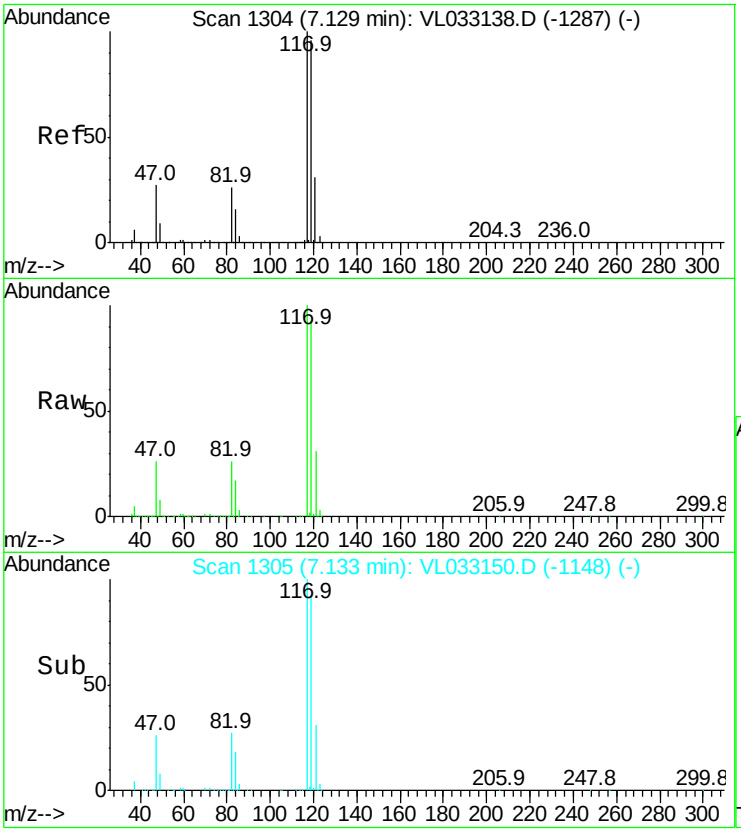


#34
2-Butanone
Concen: 6.677 ppbv
RT: 5.33 min Scan# 744
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Tgt Ion: 43 Resp: 1838860

Ion	Ratio	Lower	Upper
43	100		
72	22.8	17.9	26.9



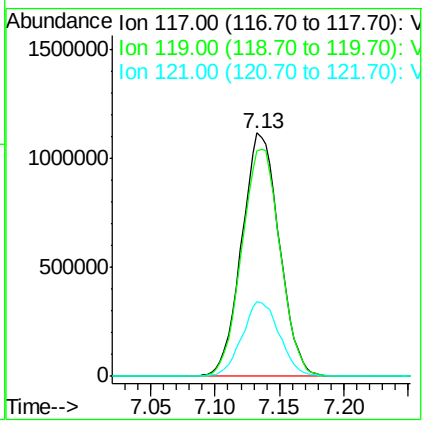


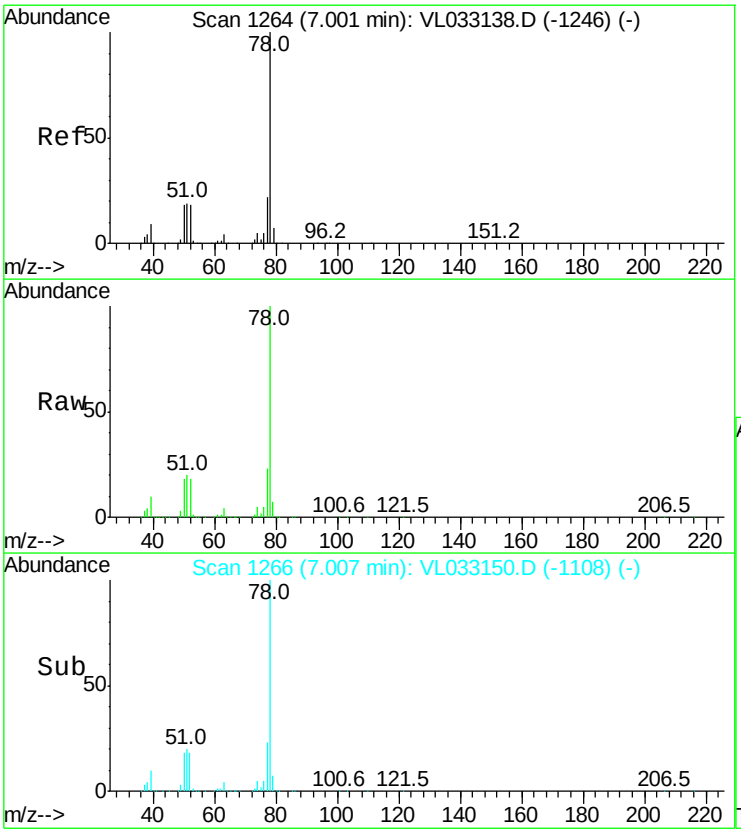
#35
Carbon Tetrachloride
Concen: 8.391 ppbv
RT: 7.13 min Scan# 1305
Delta R.T. 0.00 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:117 Resp: 2268348

Ion	Ratio	Lower	Upper
117	100		
119	92.8	76.6	114.8
121	30.9	25.0	37.4

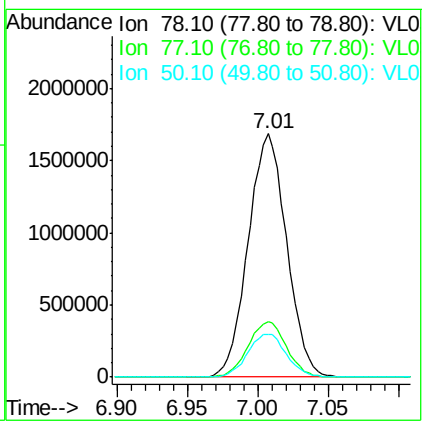


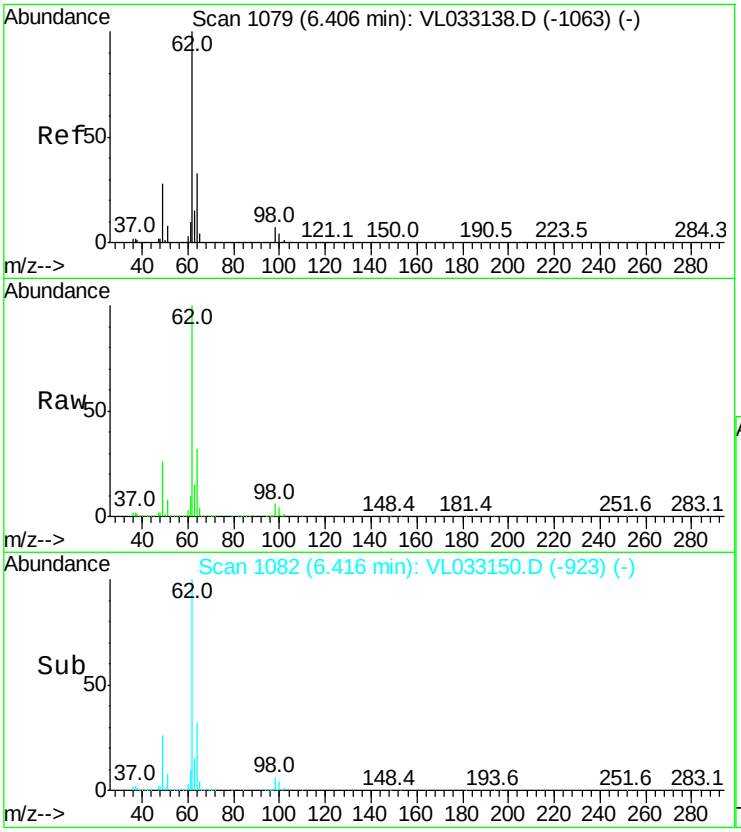


#36
Benzene
Concen: 7.959 ppbv
RT: 7.01 min Scan# 1266
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Tgt Ion: 78 Resp: 3215837

Ion	Ratio	Lower	Upper
78	100		
77	22.8	17.8	26.6
50	17.7	14.7	22.1



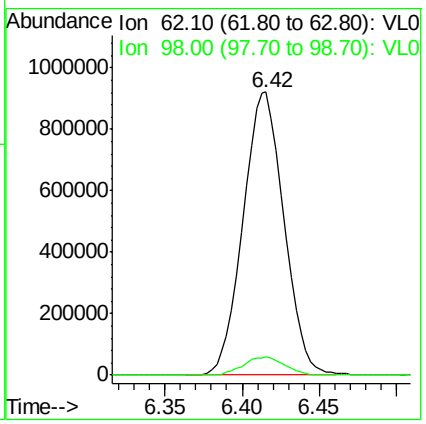


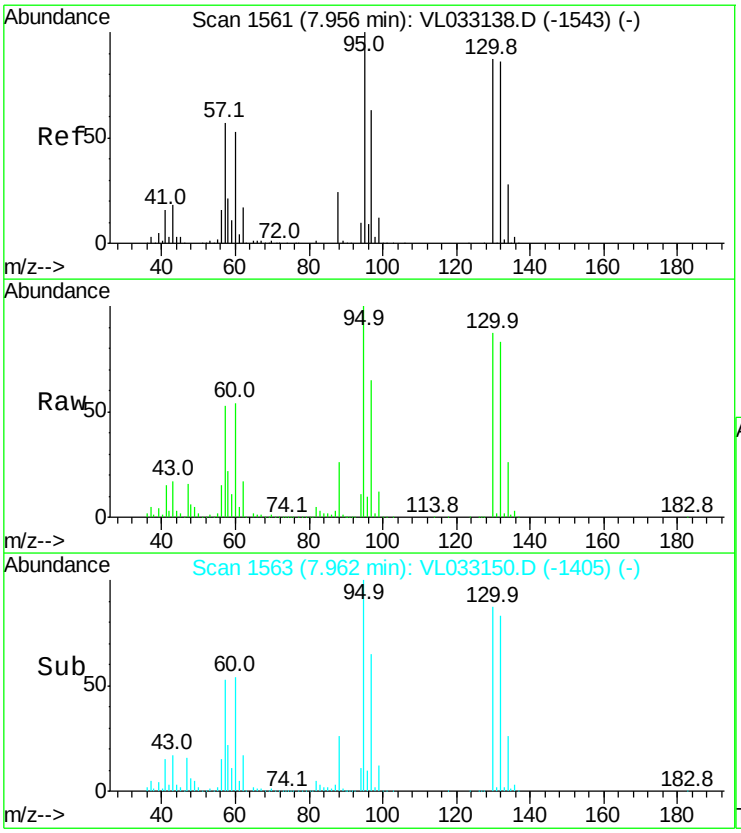
#37
1,2-Dichloroethane
Concen: 8.233 ppbv
RT: 6.42 min Scan# 1082
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 62 Resp: 1693530

Ion	Ratio	Lower	Upper
62	100		
98	6.5	5.3	7.9

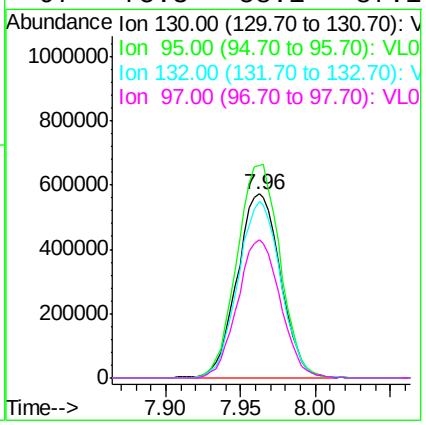


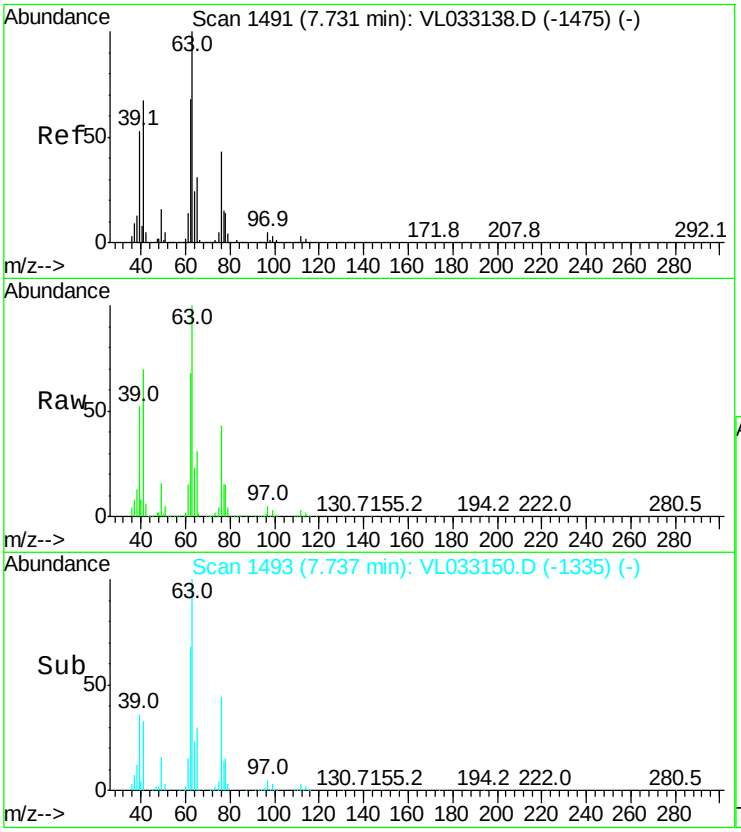


#38
Trichloroethene
Concen: 7.032 ppbv
RT: 7.96 min Scan# 1563
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Tgt Ion:130 Resp: 1143896

Ion	Ratio	Lower	Upper
130	100		
95	115.3	91.6	137.4
132	95.7	79.0	118.4
97	75.3	58.1	87.1



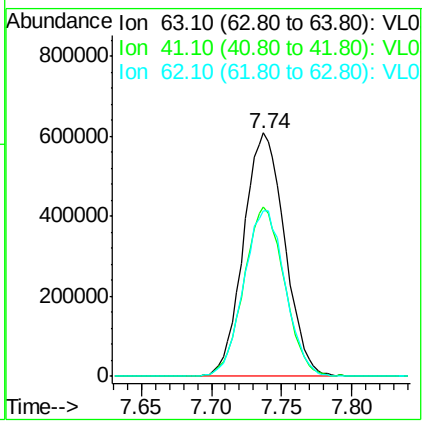


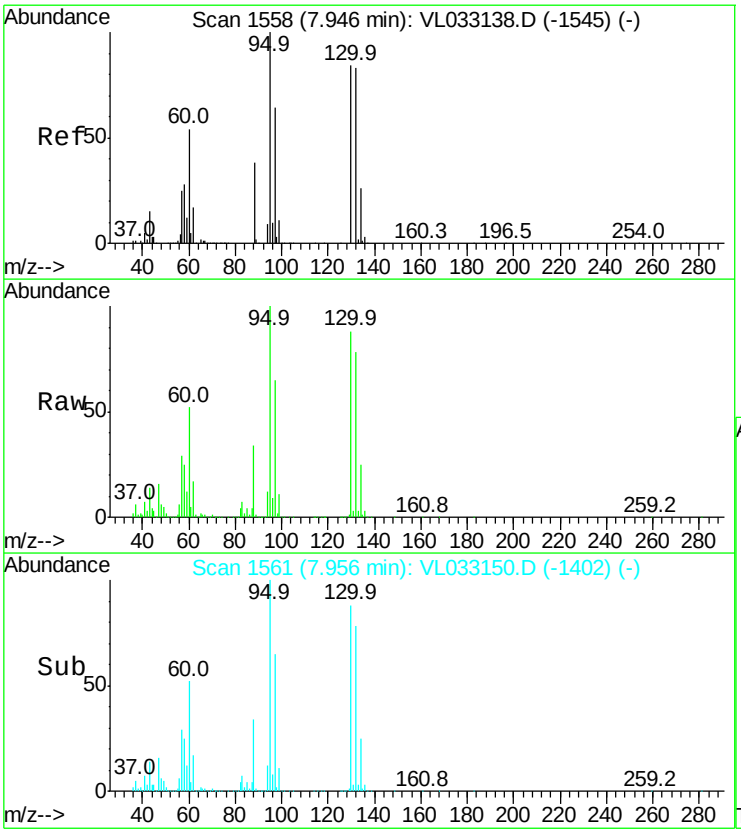
#39
1,2-Dichloropropane
Concen: 8.405 ppbv
RT: 7.74 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 63 Resp: 1244530

Ion	Ratio	Lower	Upper
63	100		
41	69.7	53.2	79.8
62	68.0	54.4	81.6

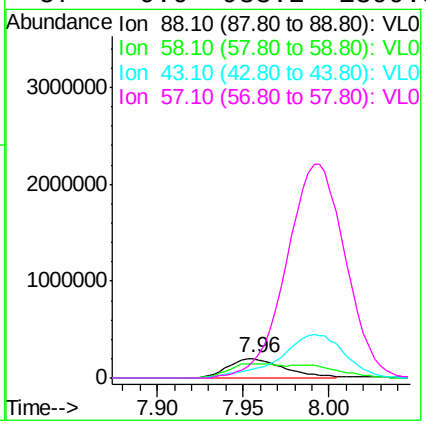


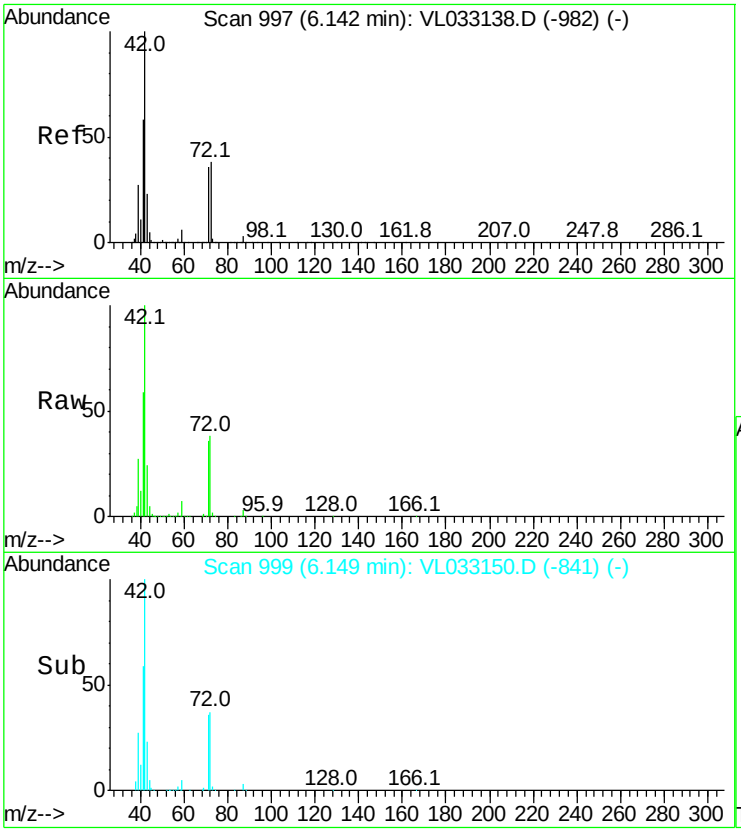


#40
1,4-Dioxane
Concen: 8.590 ppbv
RT: 7.96 min Scan# 1561
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Tgt Ion: 88 Resp: 447922

Ion	Ratio	Lower	Upper
88	100		
58	134.1	103.4	155.2
43	0.0	210.8	316.2#
57	0.0	933.2	1399.8#



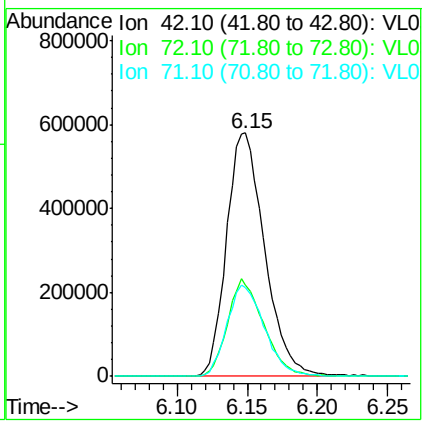


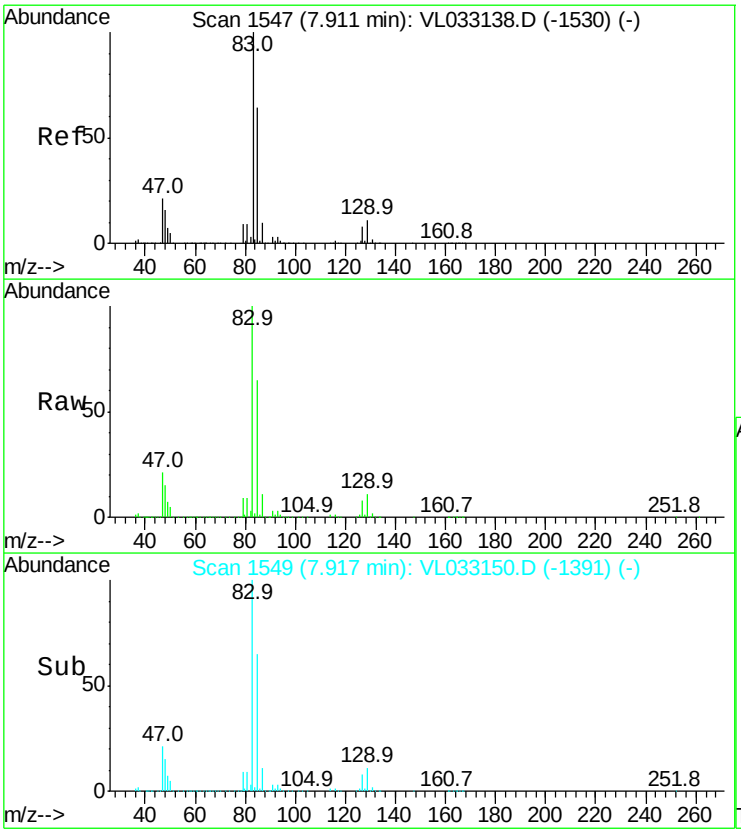
#41
Tetrahydrofuran
Concen: 6.617 ppbv
RT: 6.15 min Scan# 999
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 42 Resp: 1094848

Ion	Ratio	Lower	Upper
42	100		
72	38.4	30.2	45.4
71	37.3	28.8	43.2

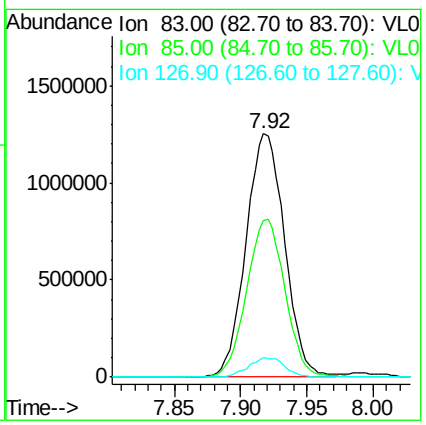


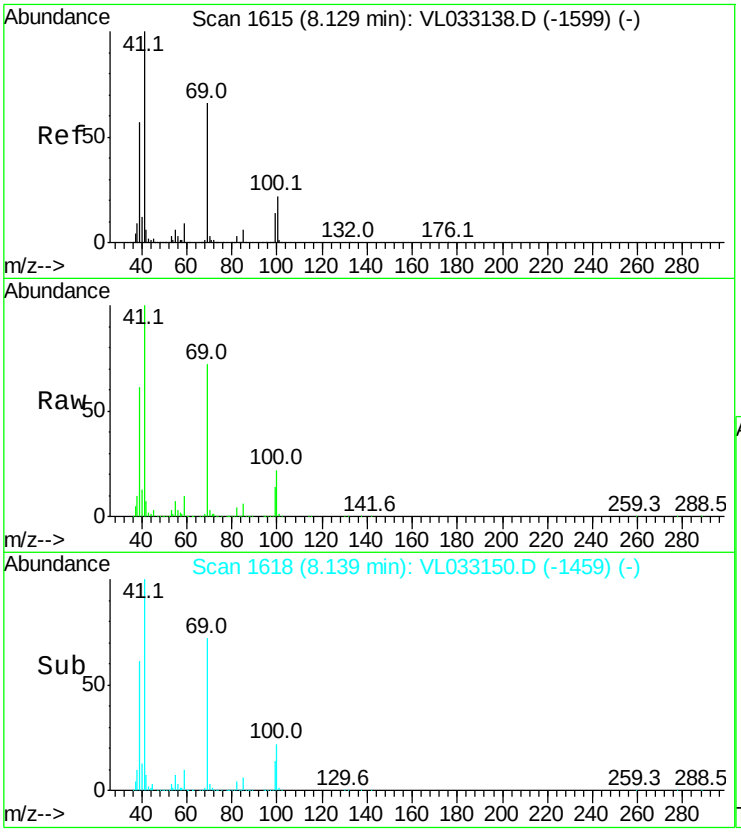


#42
Bromodichloromethane
Concen: 8.693 ppbv
RT: 7.92 min Scan# 1549
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Tgt Ion: 83 Resp: 2549086

Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.3	76.9
127	8.0	6.1	9.1



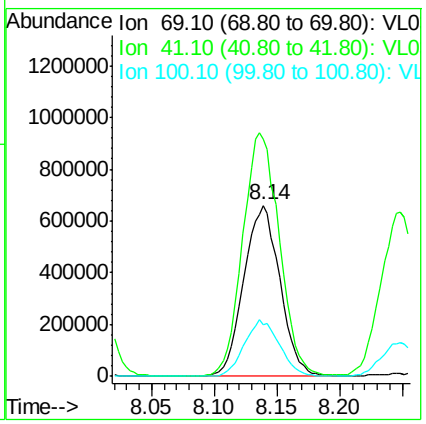


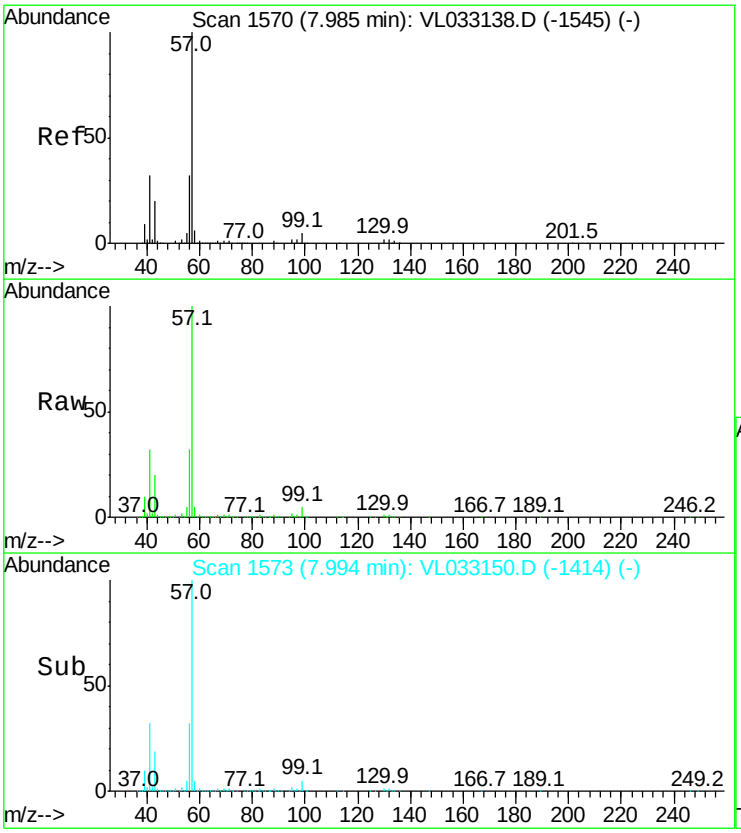
#43
Methyl Methacrylate
Concen: 9.313 ppbv
RT: 8.14 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 69 Resp: 1318325

Ion	Ratio	Lower	Upper
69	100		
41	145.0	118.4	177.6
100	32.0	26.5	39.7

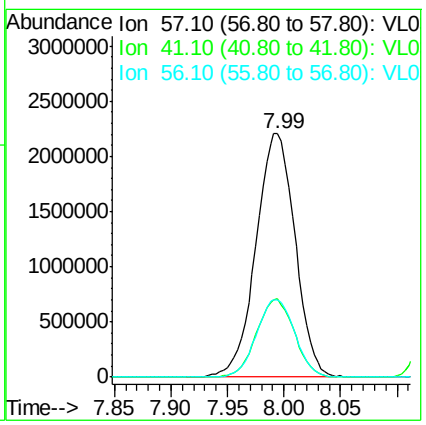


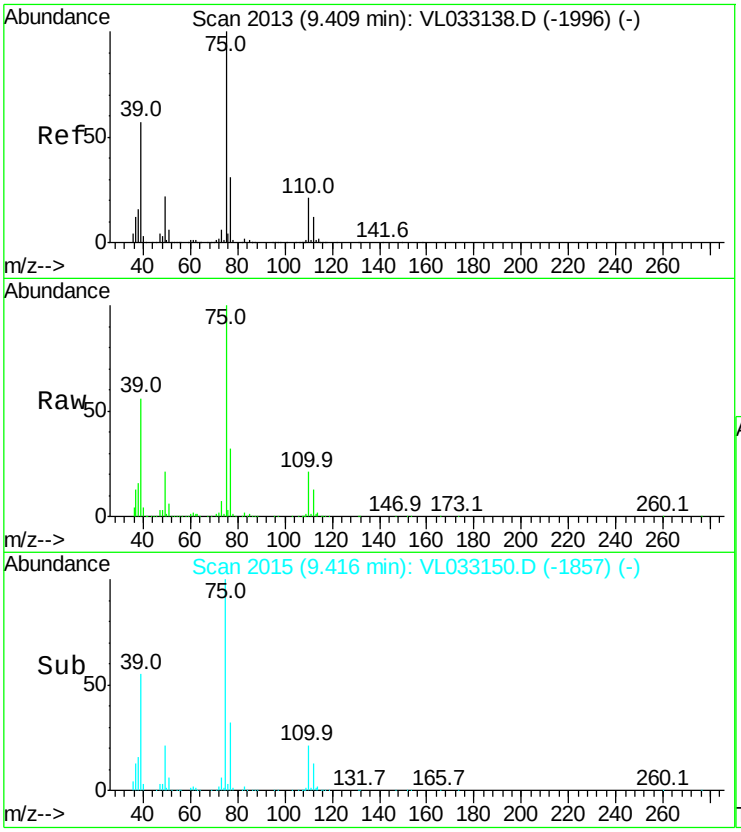


#44
2,2,4-Trimethylpentane
Concen: 8.109 ppbv
RT: 7.99 min Scan# 1573
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Tgt Ion: 57 Resp: 5285832

Ion	Ratio	Lower	Upper
57	100		
41	31.1	24.6	36.8
56	31.3	24.9	37.3



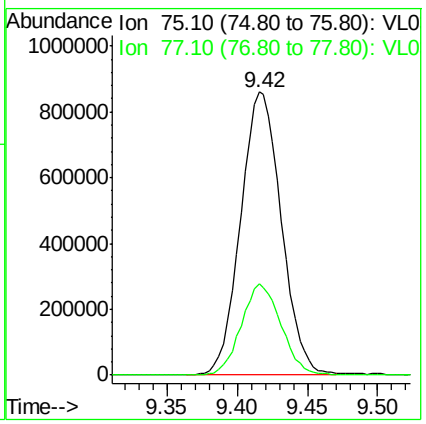


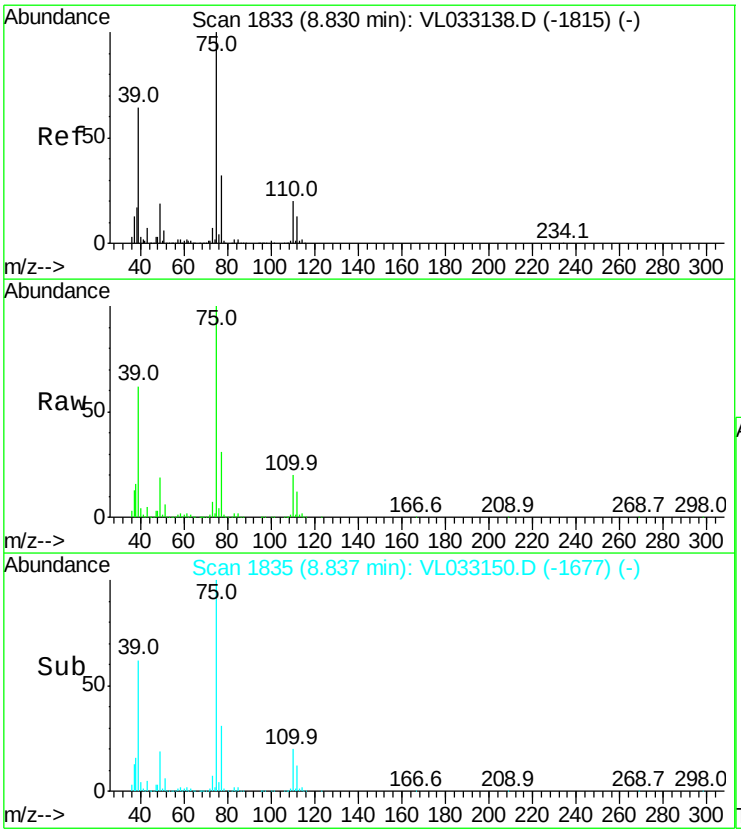
#45
t-1,3-Dichloropropene
Concen: 10.164 ppbv
RT: 9.42 min Scan# 2015
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 75 Resp: 1738121

Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.4	36.6

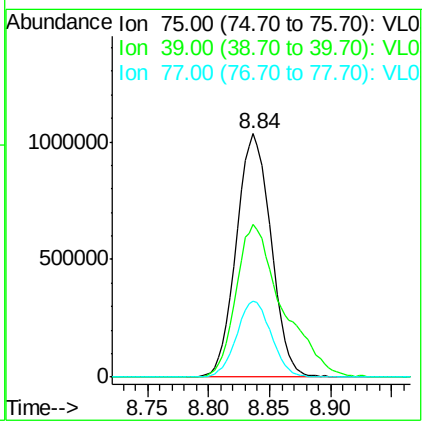


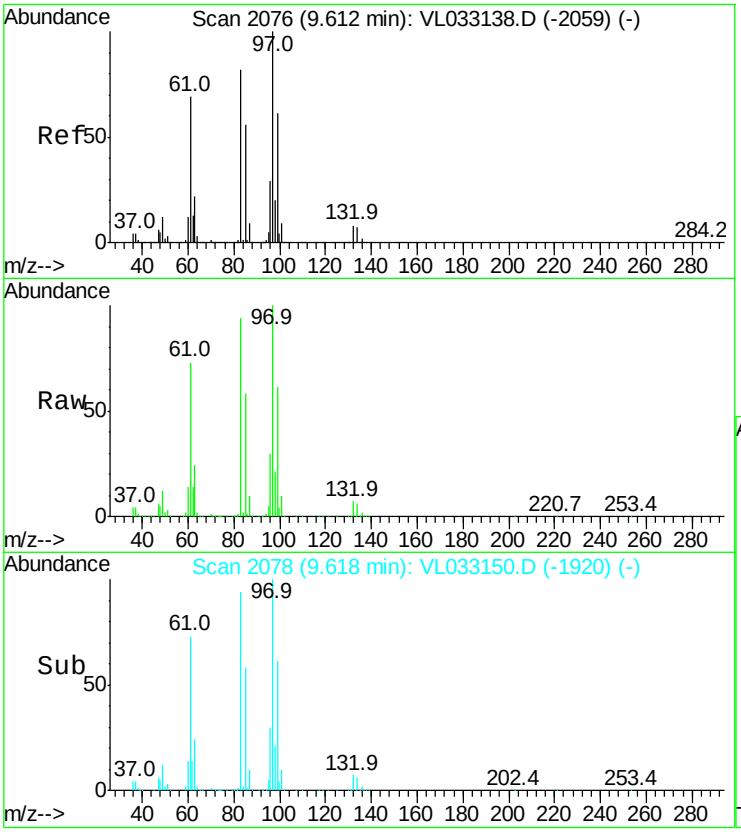


#46
cis-1,3-Dichloropropene
Concen: 9.896 ppbv
RT: 8.84 min Scan# 1835
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Tgt Ion: 75 Resp: 2028885

Ion	Ratio	Lower	Upper
75	100		
39	62.4	51.4	77.2
77	31.4	25.4	38.0



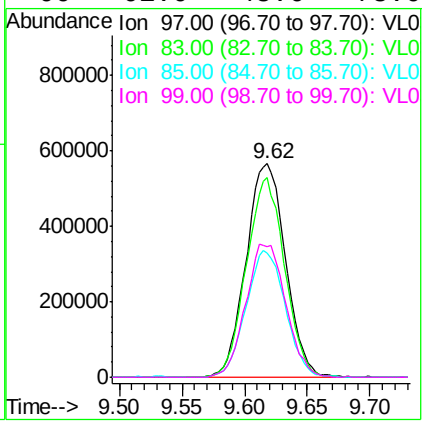


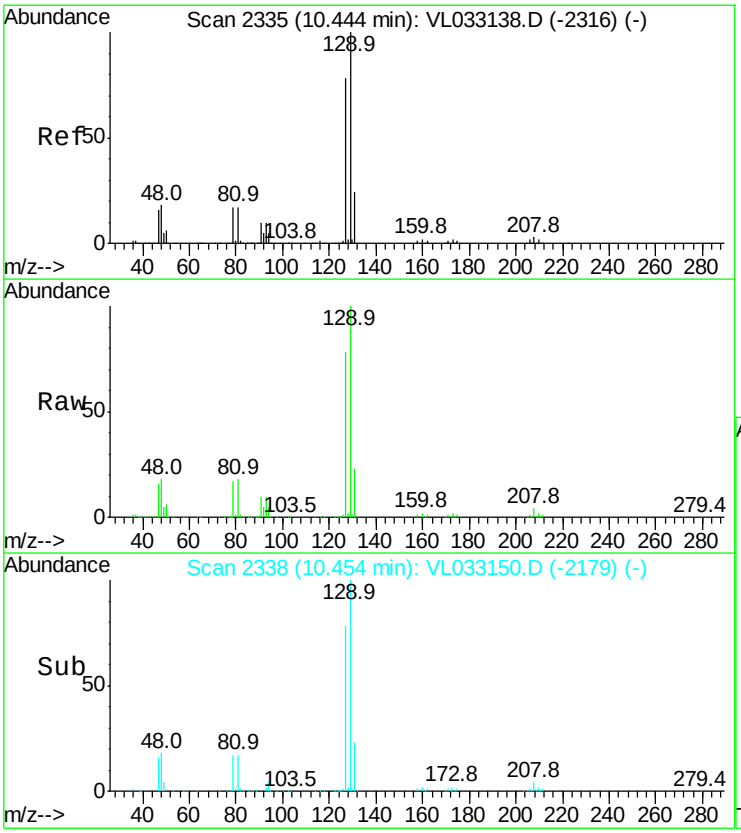
#47
1,1,2-Trichloroethane
Concen: 9.186 ppbv
RT: 9.62 min Scan# 2078
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 97 Resp: 1240595

Ion	Ratio	Lower	Upper
97	100		
83	93.6	65.8	98.8
85	57.8	44.7	67.1
99	61.0	48.6	73.0

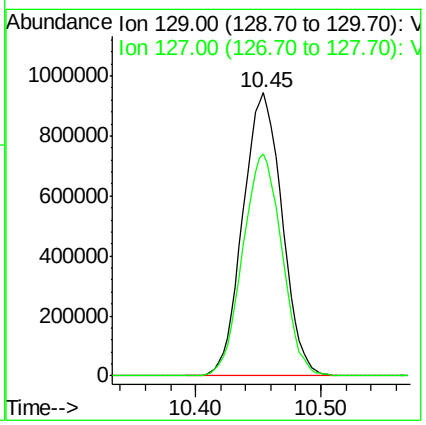


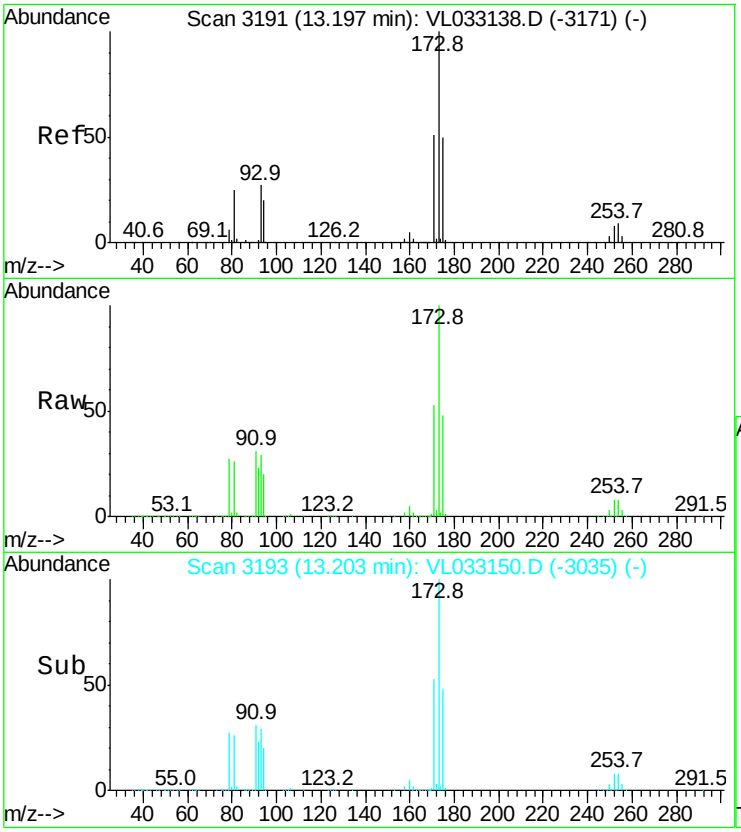


#48
Dibromochloromethane
Concen: 9.128 ppbv
RT: 10.45 min Scan# 2338
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Tgt Ion:129 Resp: 2054909

Ion	Ratio	Lower	Upper
129	100		
127	78.4	39.3	117.9



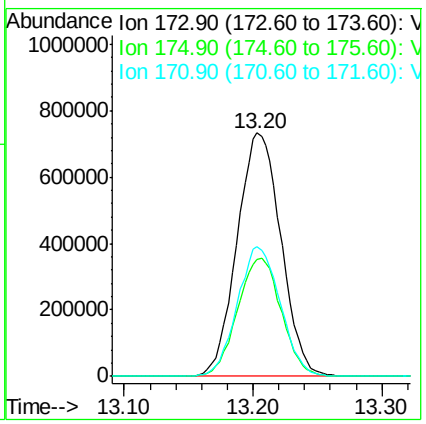


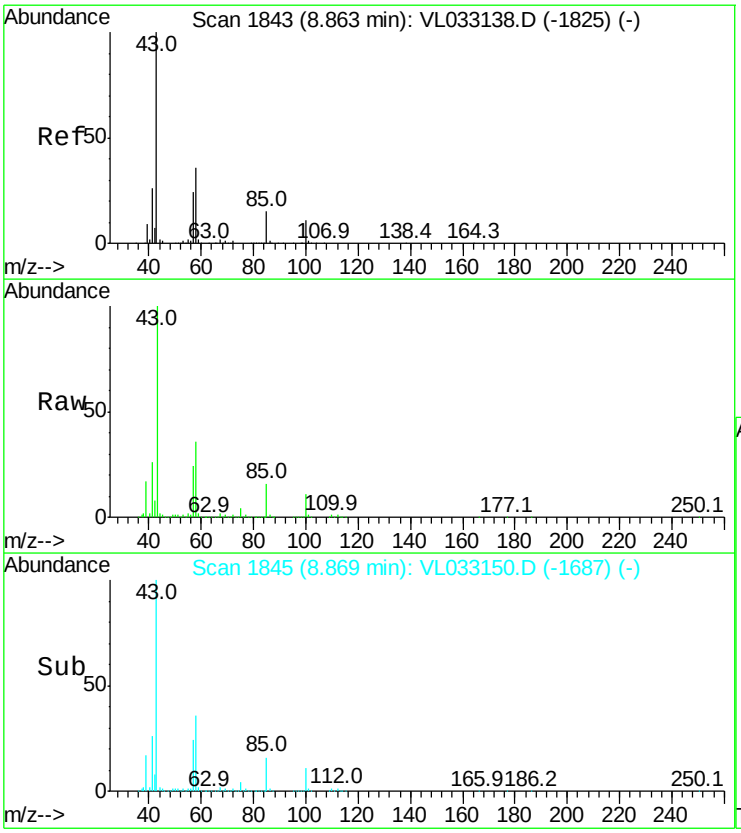
#49
Bromoform
Concen: 9.275 ppbv
RT: 13.20 min Scan# 3193
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:173 Resp: 1732487

Ion	Ratio	Lower	Upper
173	100		
175	48.5	39.3	58.9
171	52.3	41.8	62.6

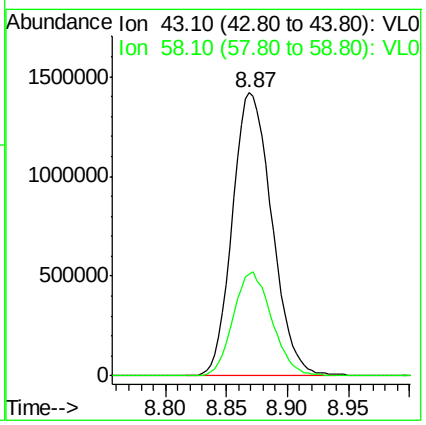


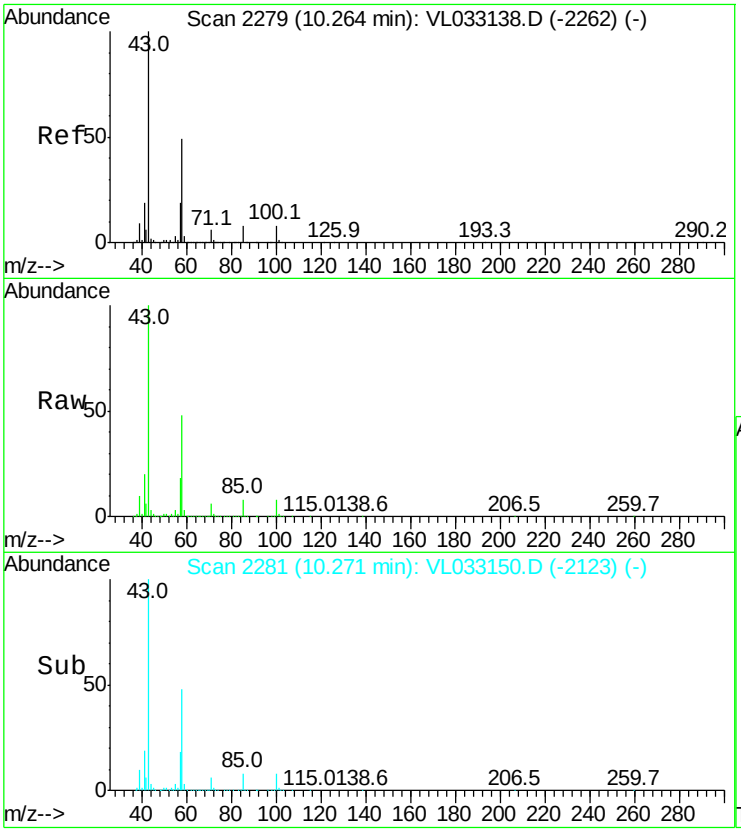


#50
4-Methyl-2-Pentanone
Concen: 8.894 ppbv
RT: 8.87 min Scan# 1845
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Tgt Ion: 43 Resp: 3181381

Ion	Ratio	Lower	Upper
43	100		
58	36.0	28.7	43.1



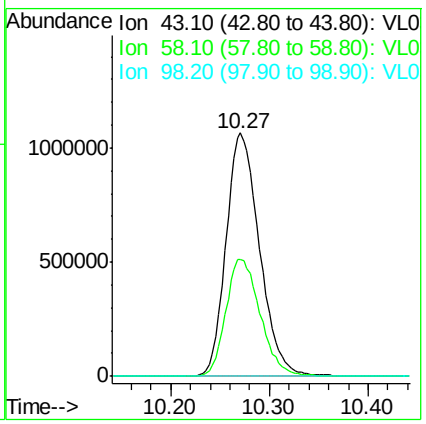


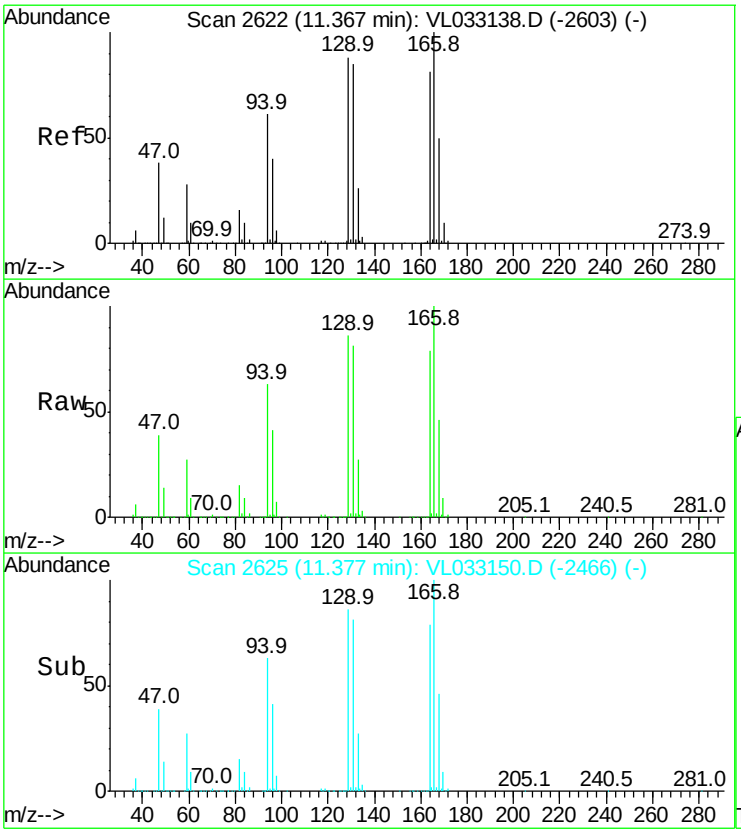
#51
2-Hexanone
Concen: 7.907 ppbv
RT: 10.27 min Scan# 2281
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 43 Resp: 2519545

Ion	Ratio	Lower	Upper
43	100		
58	49.7	39.4	59.2
98	0.1	0.1	0.1

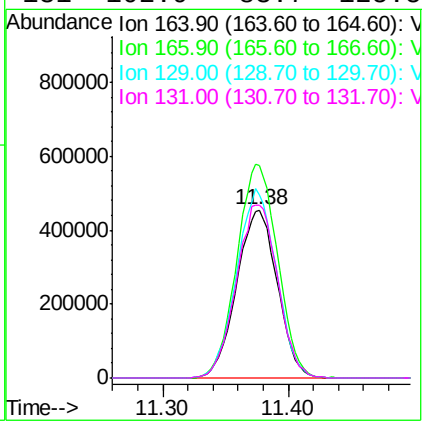


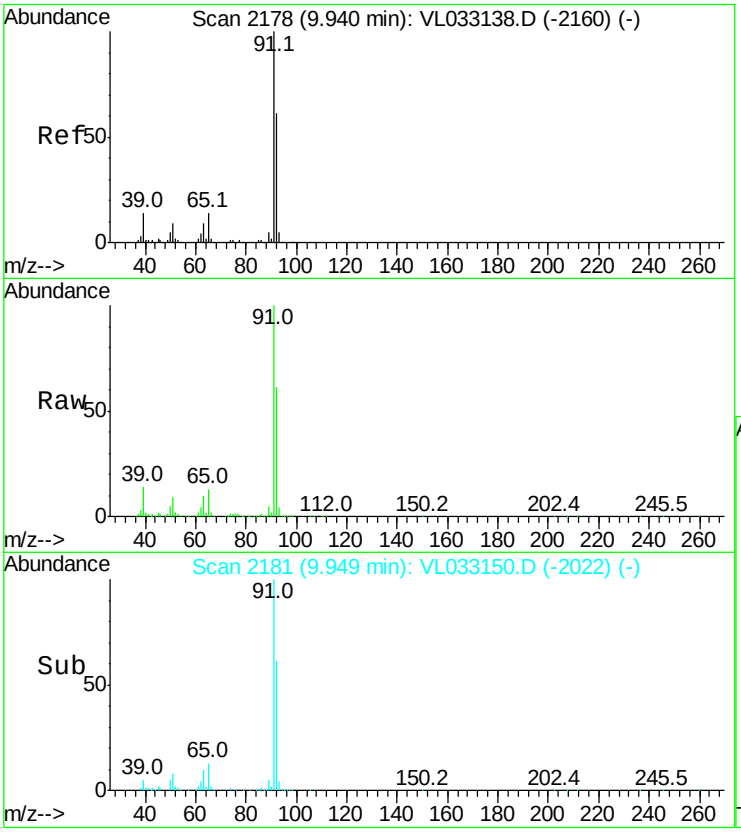


#52
Tetrachloroethene
Concen: 6.675 ppbv
RT: 11.38 min Scan# 2625
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Tgt Ion:164 Resp: 1022937

Ion	Ratio	Lower	Upper
164	100		
166	126.5	98.6	148.0
129	108.6	86.3	129.5
131	102.9	83.7	125.5



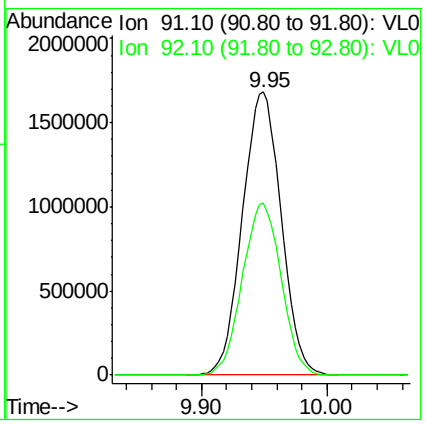


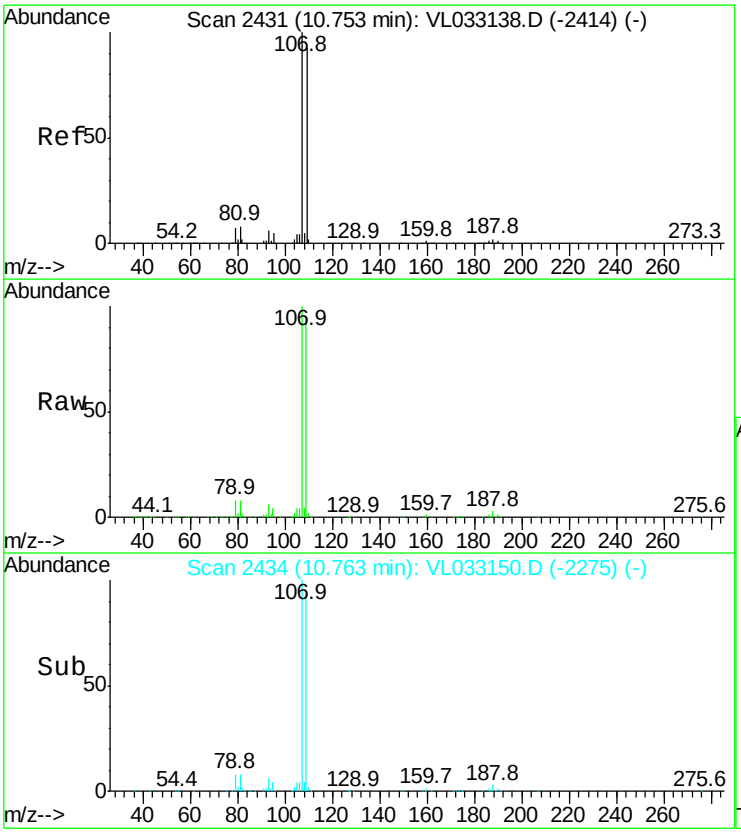
#53
Toluene
Concen: 7.825 ppbv
RT: 9.95 min Scan# 2181
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 3619972

Ion	Ratio	Lower	Upper
91	100		
92	60.8	48.9	73.3

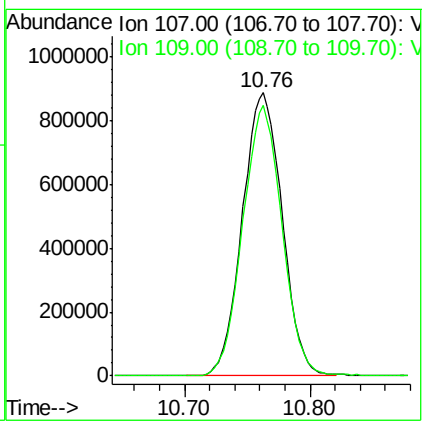


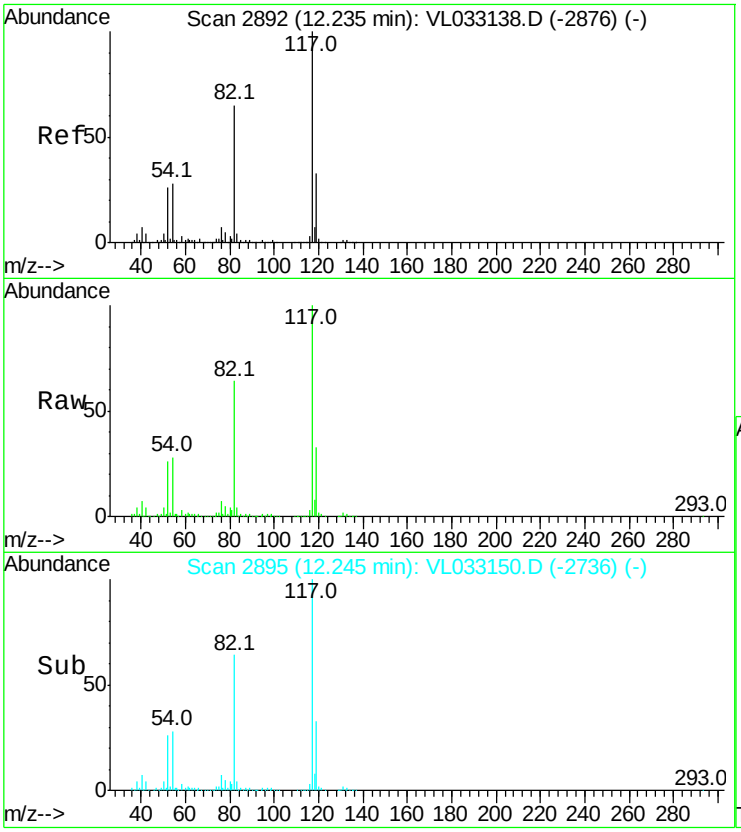


#54
1,2-Dibromoethane
Concen: 7.698 ppbv
RT: 10.76 min Scan# 2434
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Tgt Ion:107 Resp: 1955625

Ion	Ratio	Lower	Upper
107	100		
109	95.4	74.7	112.1



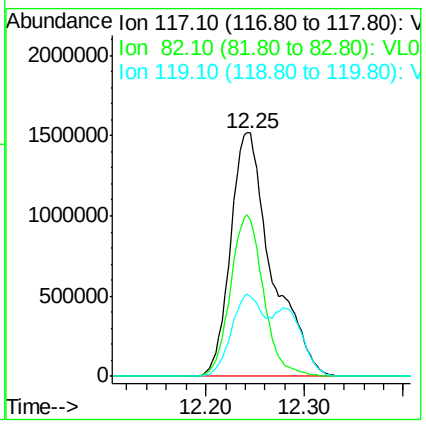


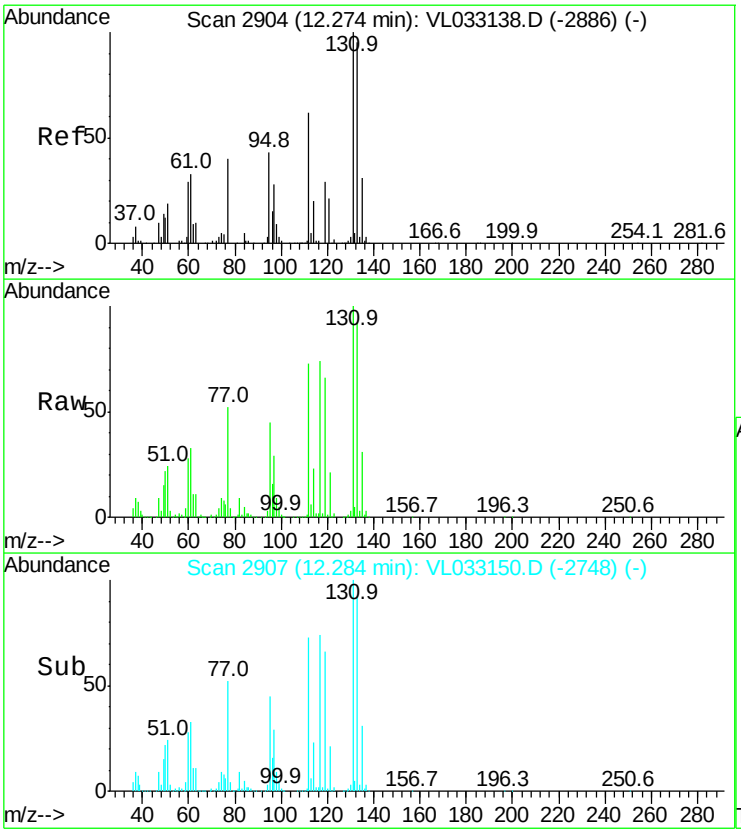
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2895
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 4410507

Ion	Ratio	Lower	Upper
117	100		
82	53.2	49.3	73.9
119	28.4	27.1	40.7

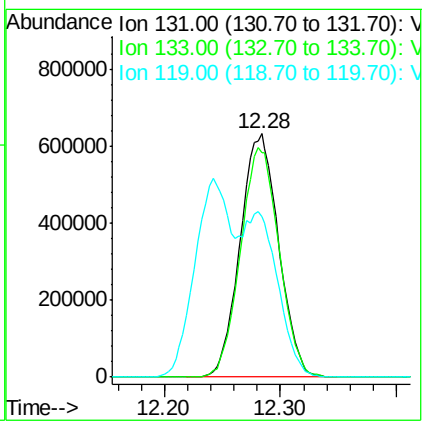


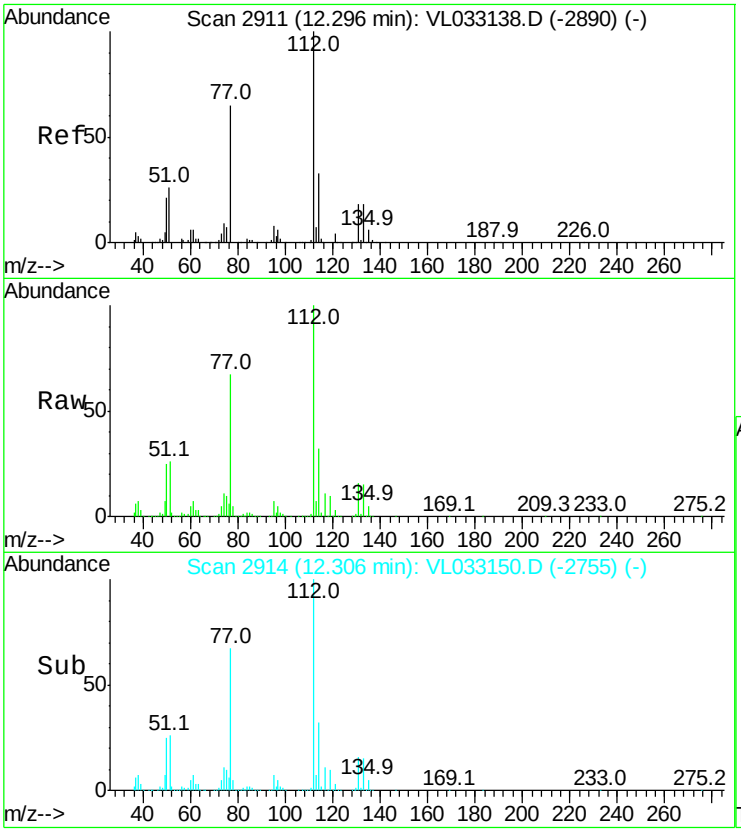


#56
1,1,1,2-Tetrachloroethane
Concen: 7.419 ppbv
RT: 12.28 min Scan# 2907
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Tgt Ion:131 Resp: 1455619

Ion	Ratio	Lower	Upper
131	100		
133	94.7	76.2	114.4
119	142.1	46.9	70.3#



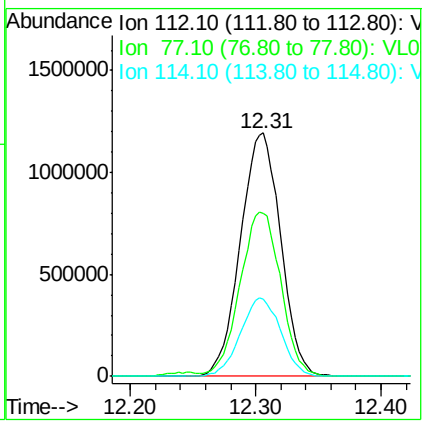


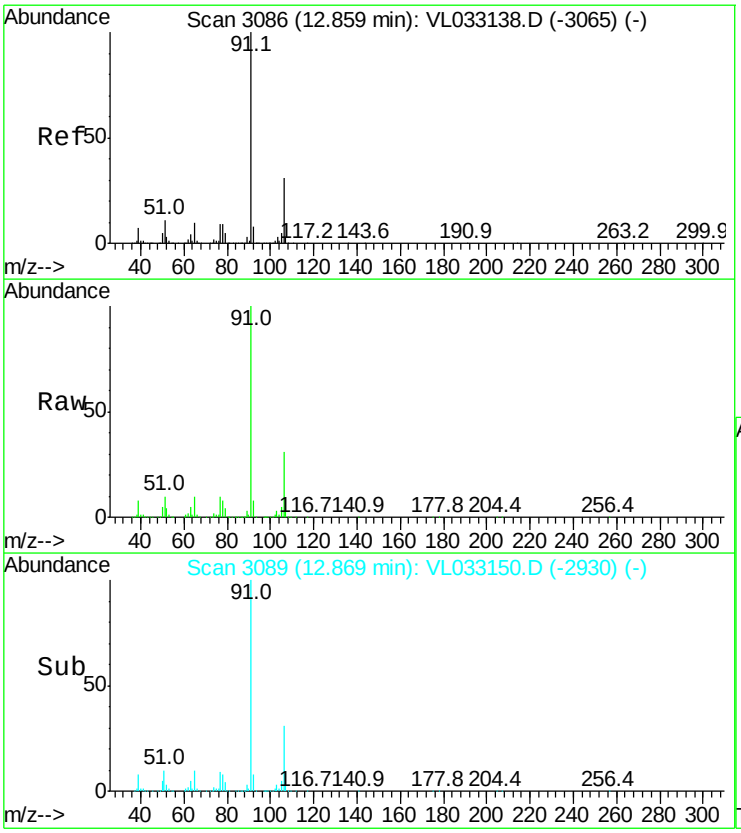
#57
Chlorobenzene
Concen: 6.859 ppbv
RT: 12.31 min Scan# 2914
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:112 Resp: 2662382

Ion	Ratio	Lower	Upper
112	100		
77	66.6	52.8	79.2
114	31.9	29.7	36.3

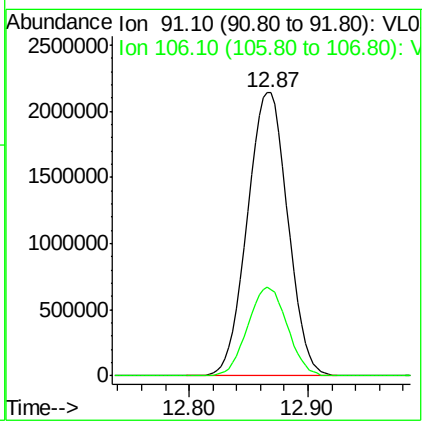


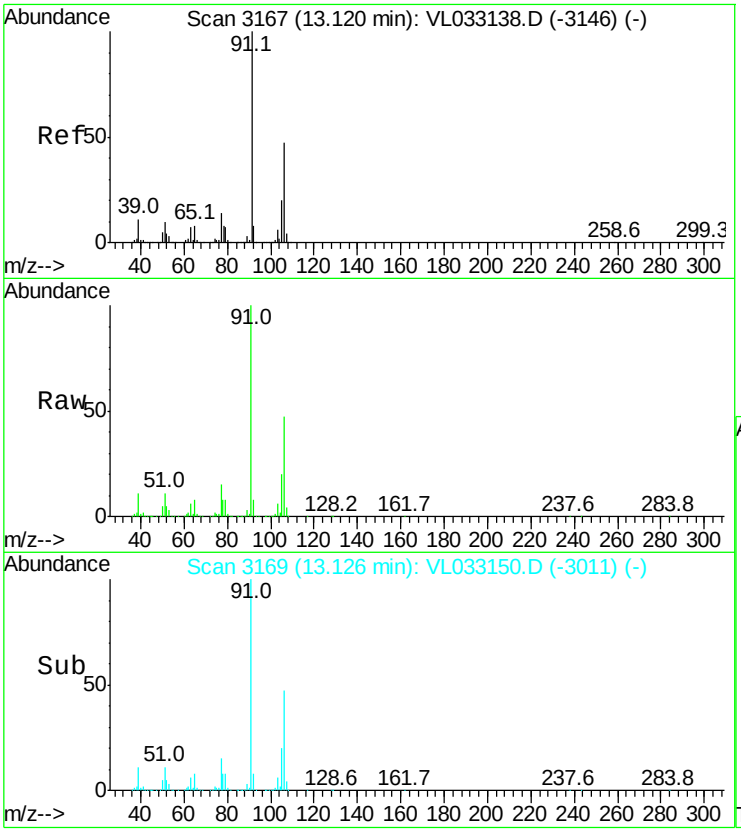


#58
Ethyl Benzene
Concen: 6.961 ppbv
RT: 12.87 min Scan# 3089
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Tgt Ion: 91 Resp: 5035103

Ion	Ratio	Lower	Upper
91	100		
106	30.7	24.7	37.1



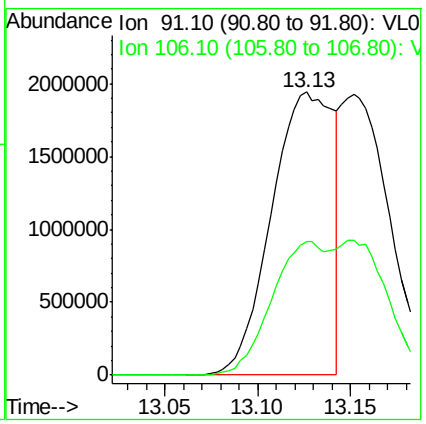


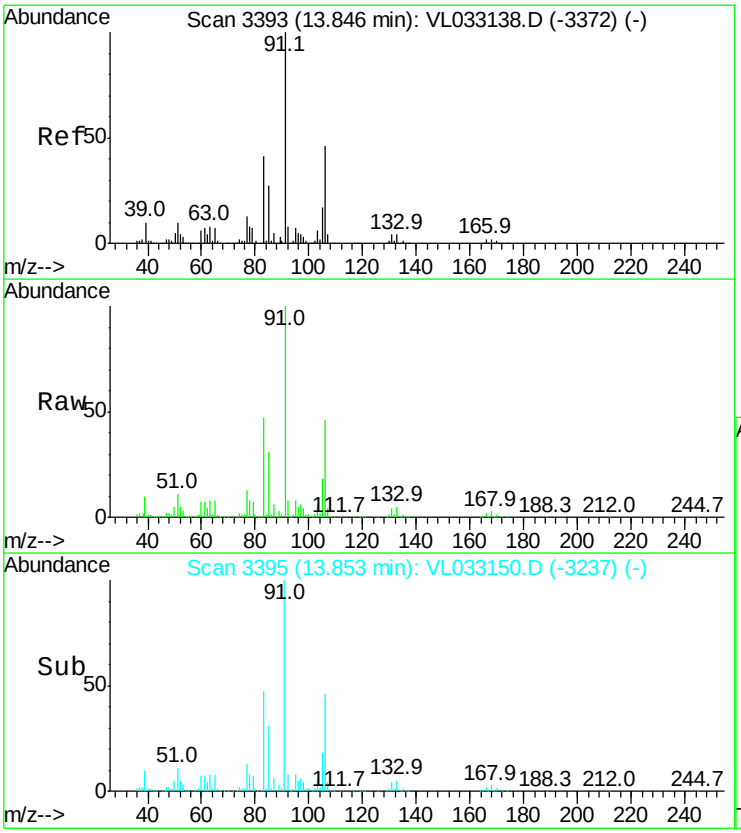
#59
m/p-Xylene
Concen: 7.630 ppbv
RT: 13.13 min Scan# 3169
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 91 Resp: 4501902

Ion	Ratio	Lower	Upper
91	100		
106	0.0	37.6	56.4#

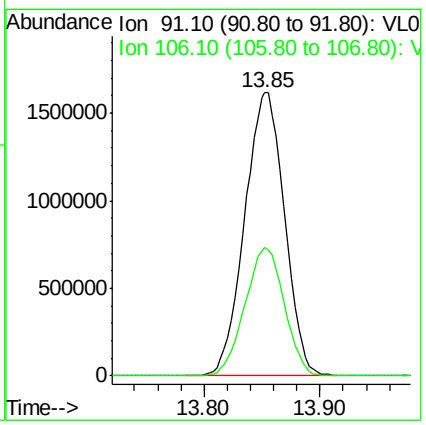


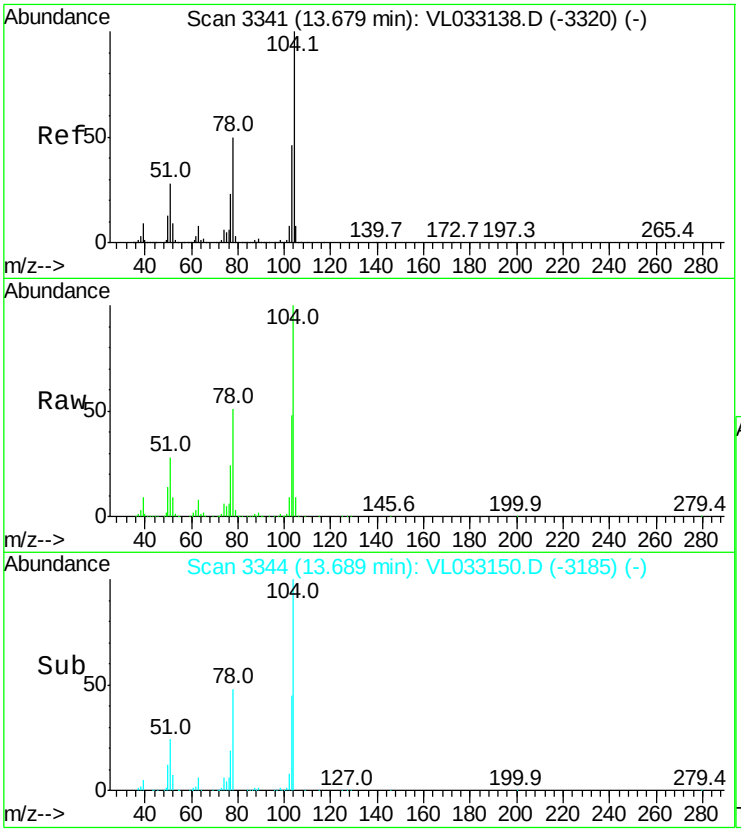


#60
o-Xylene
Concen: 6.758 ppbv
RT: 13.85 min Scan# 3395
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Tgt Ion: 91 Resp: 3856428

Ion	Ratio	Lower	Upper
91	100		
106	45.0	23.2	69.5



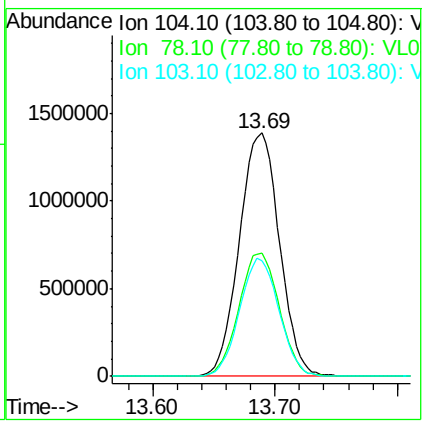


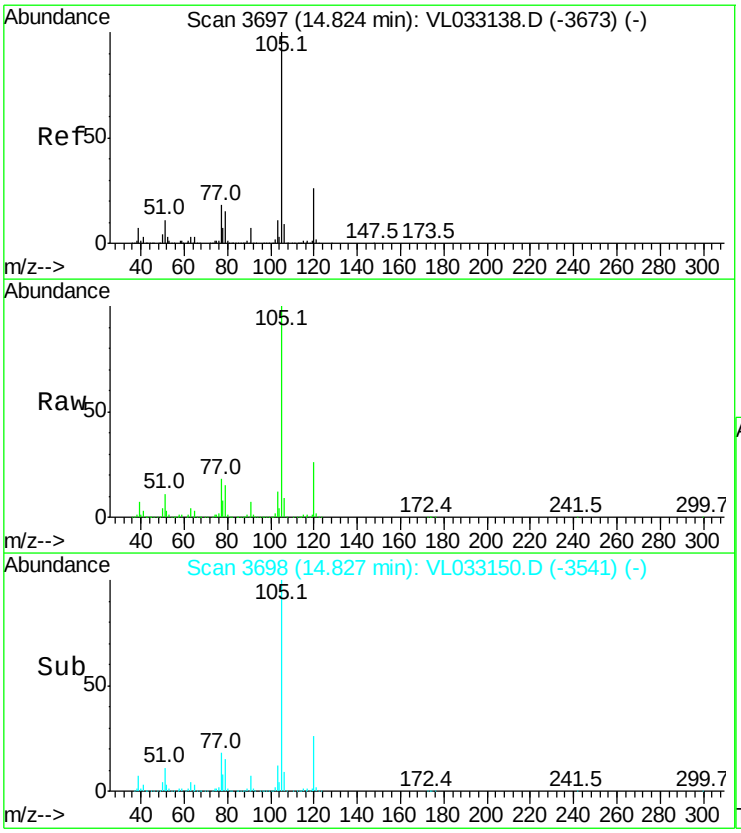
#61
Styrene
Concen: 7.215 ppbv
RT: 13.69 min Scan# 3344
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:104 Resp: 3158676

Ion	Ratio	Lower	Upper
104	100		
78	51.1	39.7	59.5
103	47.7	37.7	56.5

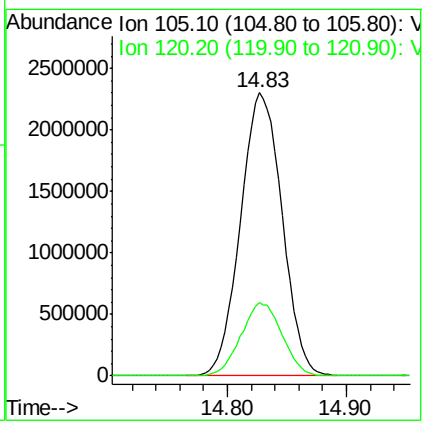


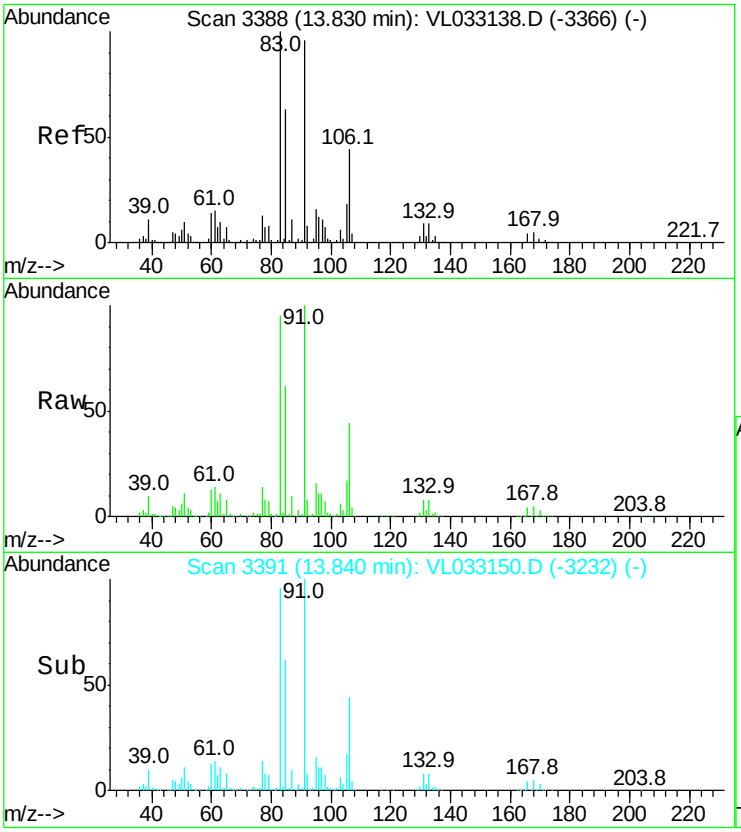


#62
Isopropylbenzene
Concen: 6.859 ppbv
RT: 14.83 min Scan# 3698
Delta R.T. 0.00 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Tgt Ion:105 Resp: 5565304

Ion	Ratio	Lower	Upper
105	100		
120	25.5	20.8	31.2



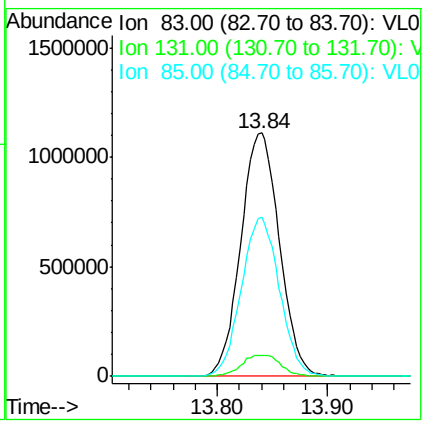


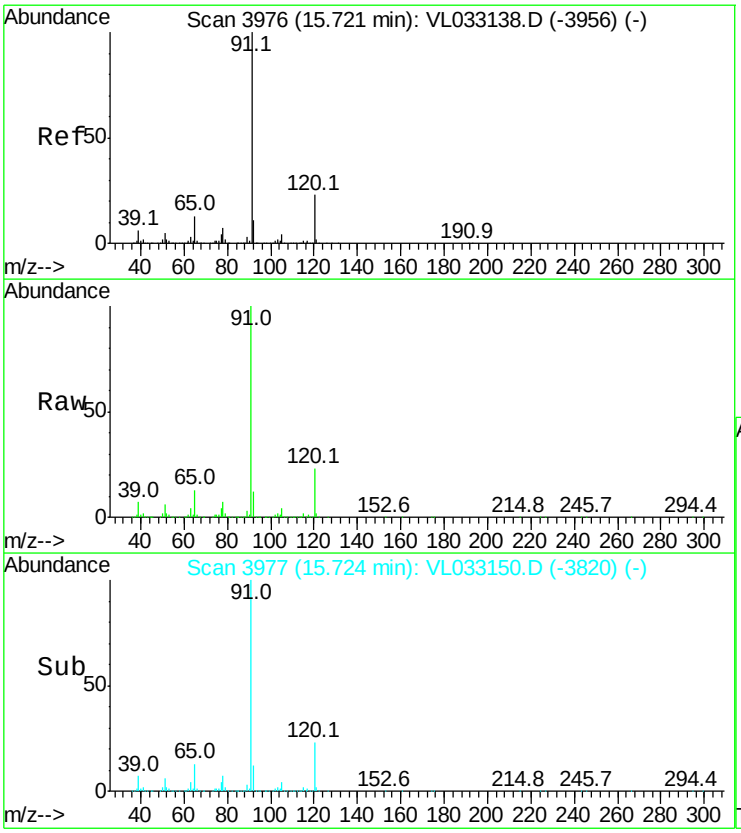
#63
1,1,2,2-Tetrachloroethane
Concen: 6.258 ppbv
RT: 13.84 min Scan# 3391
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 83 Resp: 2694403

Ion	Ratio	Lower	Upper
83	100		
131	9.0	4.5	13.7
85	64.5	32.5	97.4

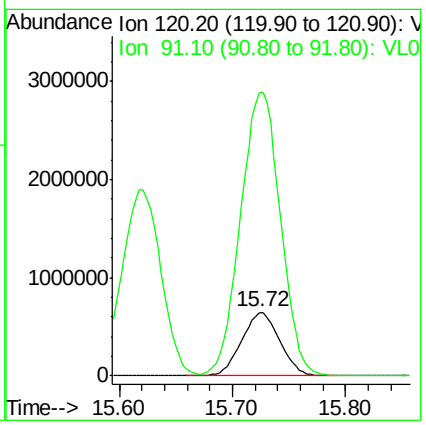


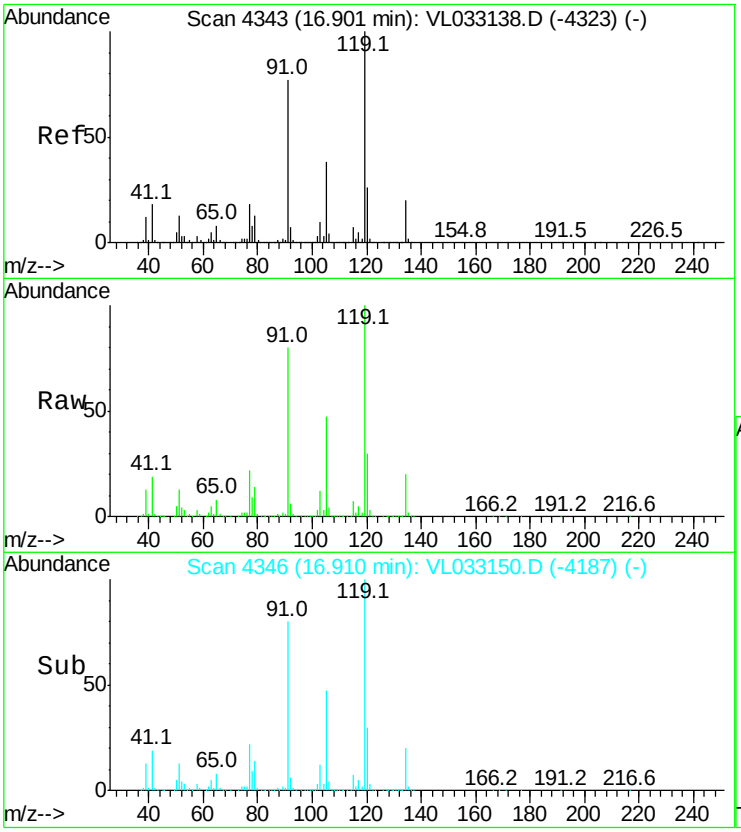


#64
n-propylbenzene
Concen: 7.273 ppbv
RT: 15.72 min Scan# 3977
Delta R.T. 0.00 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Tgt Ion:120 Resp: 1512162

Ion	Ratio	Lower	Upper
120	100		
91	469.4	370.2	555.2



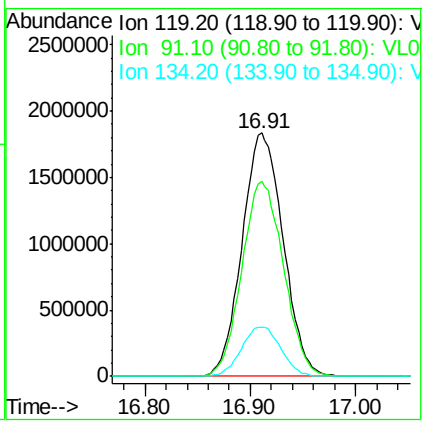


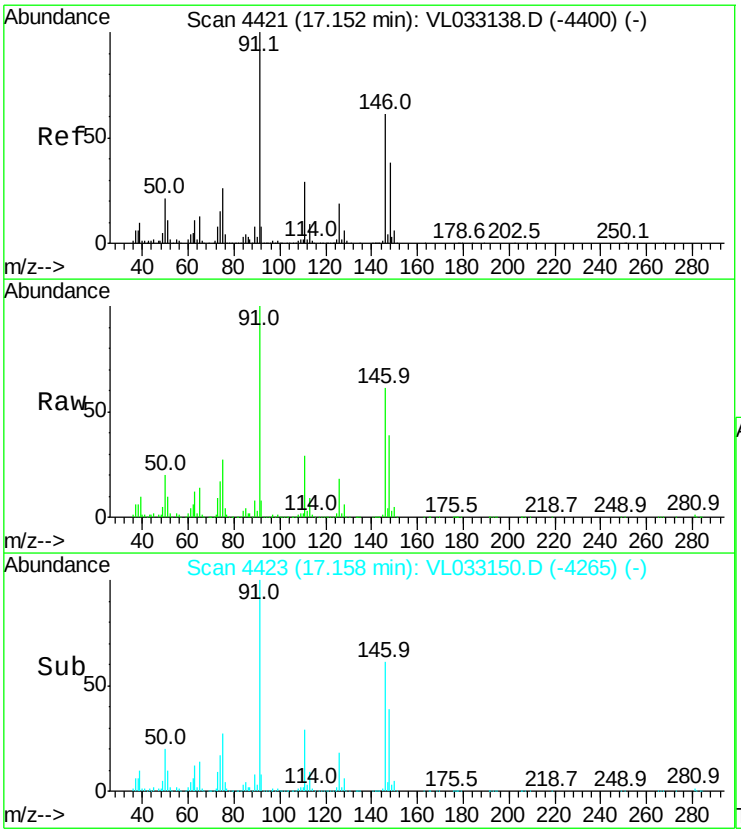
#65
tert-Butylbenzene
Concen: 7.272 ppbv
RT: 16.91 min Scan# 4346
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:119 Resp: 4965268

Ion	Ratio	Lower	Upper
119	100		
91	81.3	63.0	94.6
134	19.6	15.5	23.3

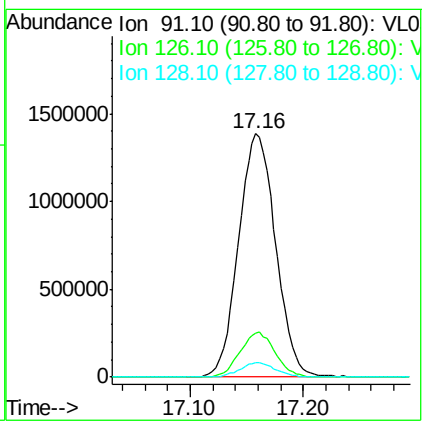


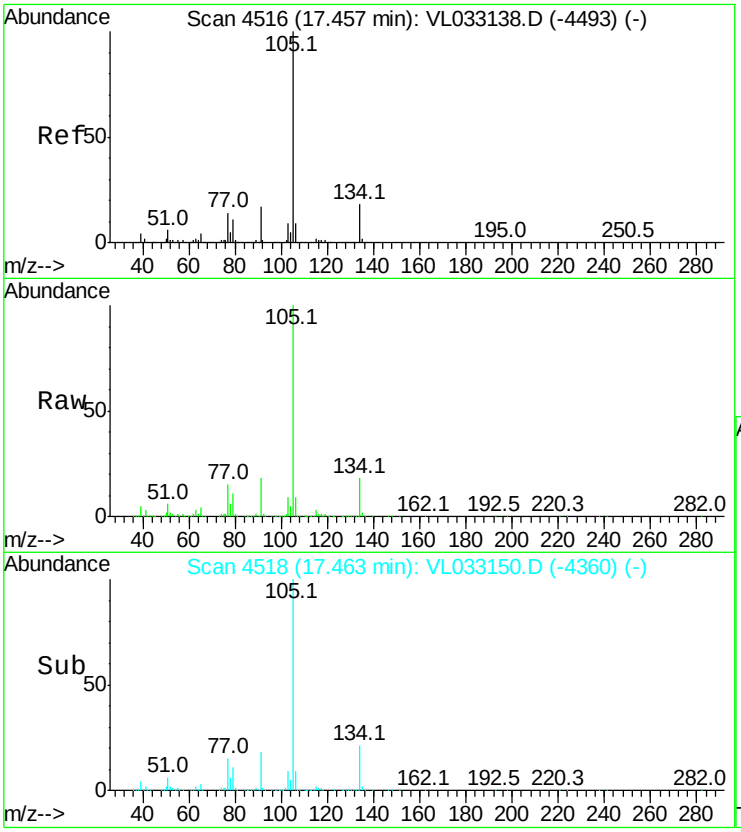


#66
Benzyl Chloride
Concen: 10.294 ppbv
RT: 17.16 min Scan# 4423
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Tgt Ion: 91 Resp: 3148378

Ion	Ratio	Lower	Upper
91	100		
126	17.8	14.9	22.3
128	5.7	4.7	7.1



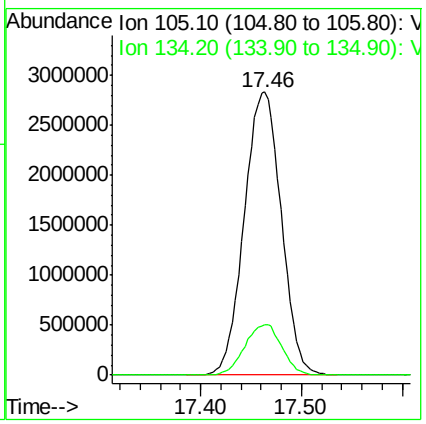


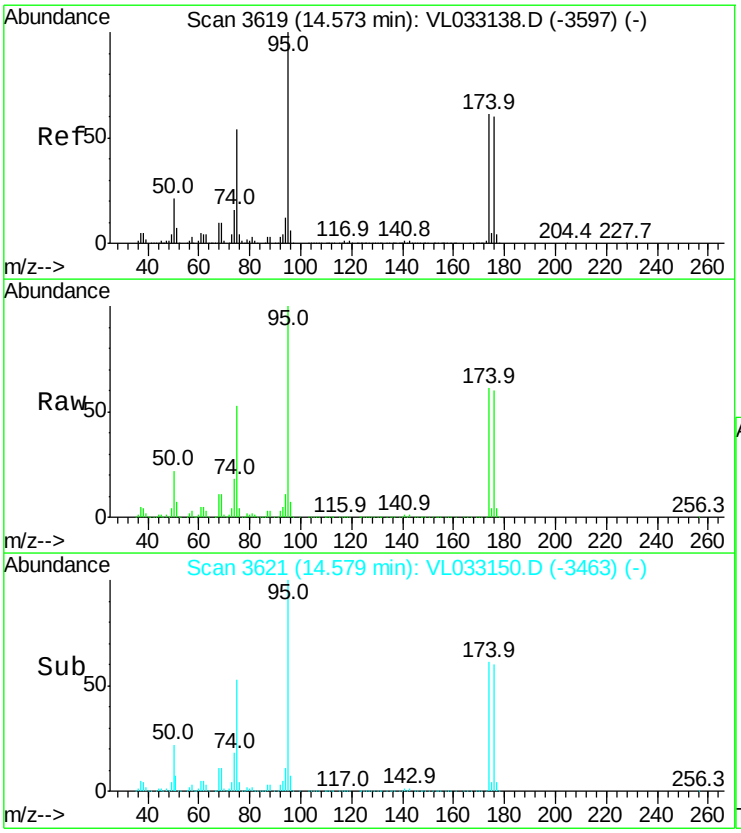
#67
sec-Butylbenzene
Concen: 7.417 ppbv
RT: 17.46 min Scan# 4518
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:105 Resp: 7193053

Ion	Ratio	Lower	Upper
105	100		
134	17.9	14.4	21.6

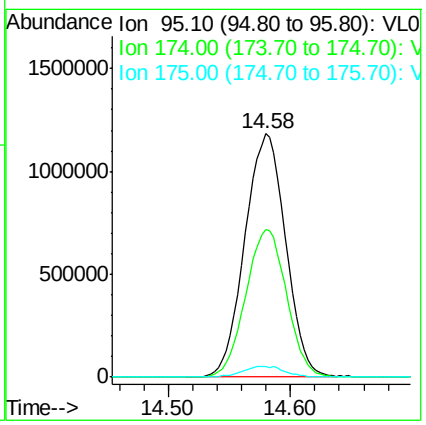


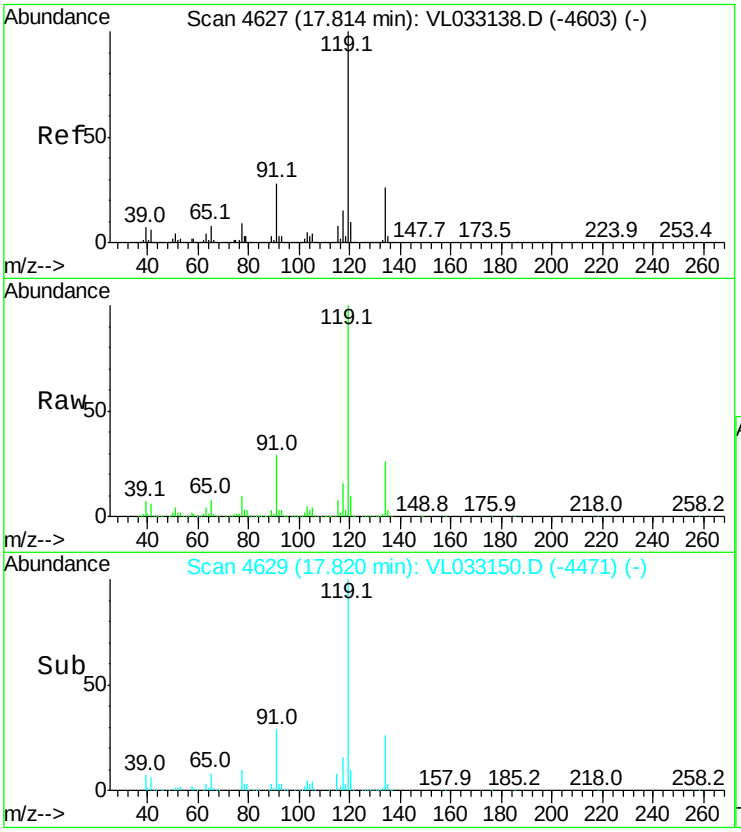


#68
1-Bromo-4-Fluorobenzene
Concen: 8.238 ppbv
RT: 14.58 min Scan# 3621
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Tgt Ion: 95 Resp: 2743474

Ion	Ratio	Lower	Upper
95	100		
174	60.8	49.2	73.8
175	4.5	3.7	5.5



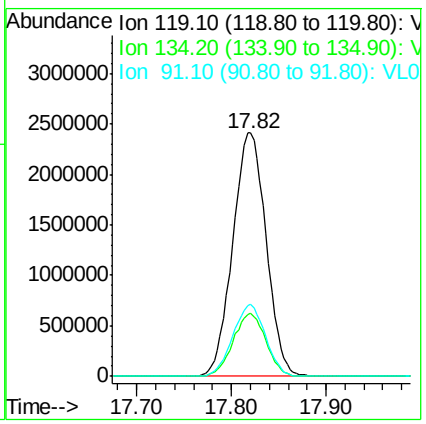


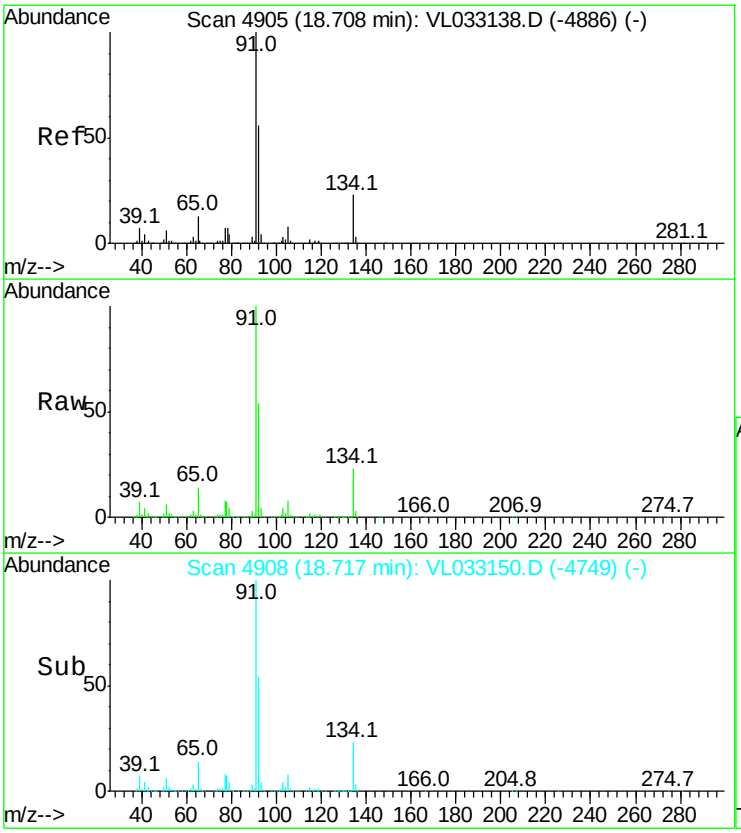
#69
p-Isopropyltoluene
Concen: 7.743 ppbv
RT: 17.82 min Scan# 4629
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:119 Resp: 5918586

Ion	Ratio	Lower	Upper
119	100		
134	25.5	20.3	30.5
91	29.2	22.6	33.8

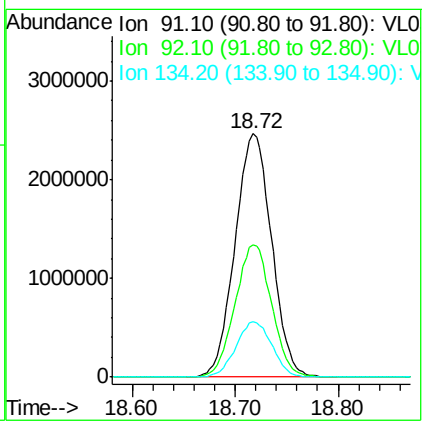


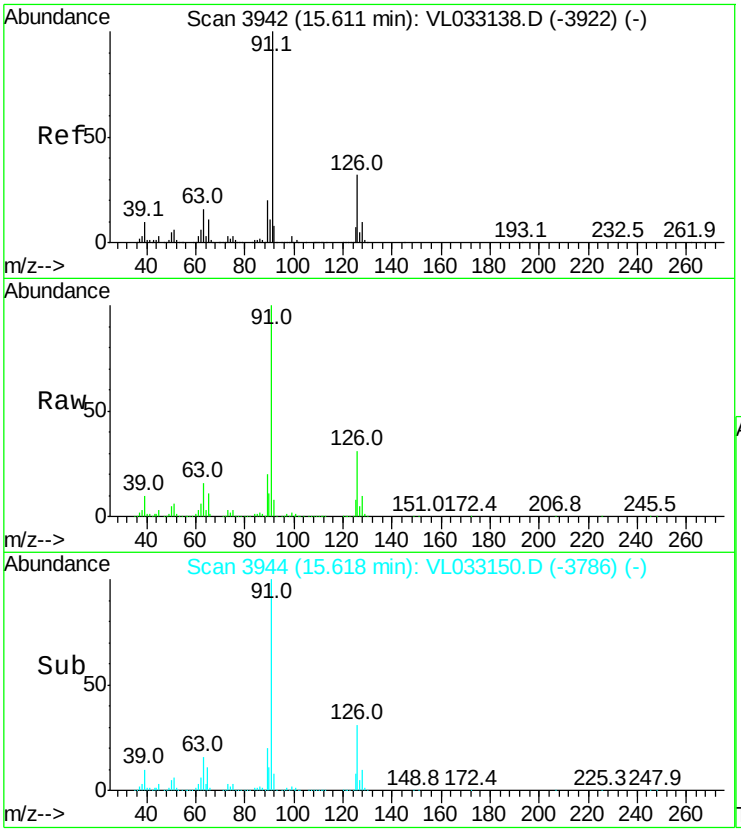


#70
n-Butylbenzene
Concen: 7.796 ppbv
RT: 18.72 min Scan# 4908
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Tgt Ion: 91 Resp: 6063463

Ion	Ratio	Lower	Upper
91	100		
92	54.6	43.7	65.5
134	22.6	18.4	27.6



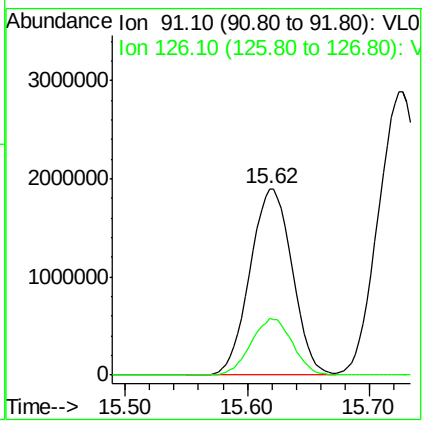


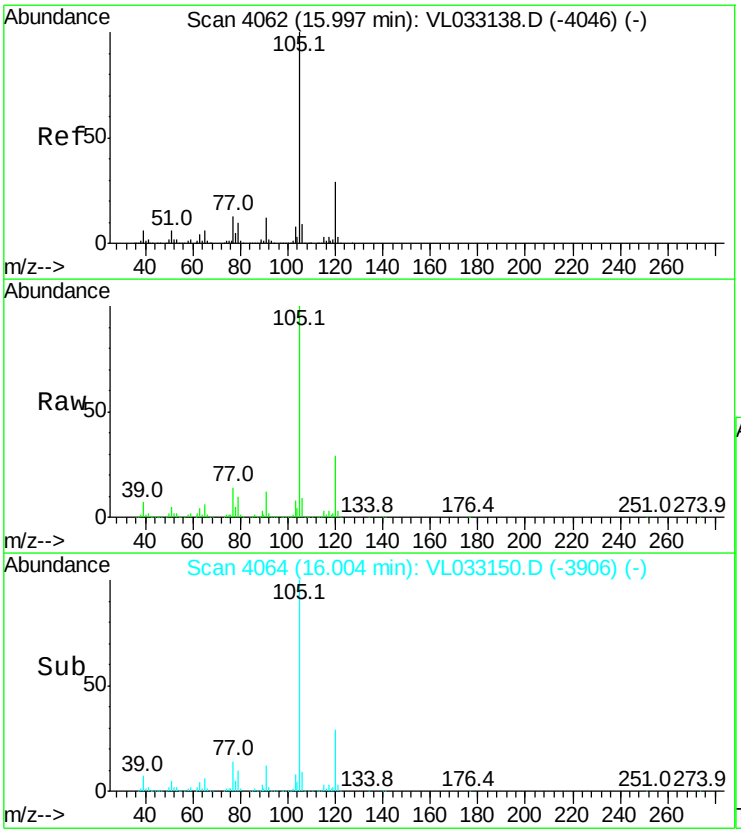
#71
2-Chlorotoluene
Concen: 7.381 ppbv
RT: 15.62 min Scan# 3944
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 91 Resp: 4557863

Ion	Ratio	Lower	Upper
91	100		
126	29.8	12.3	49.1

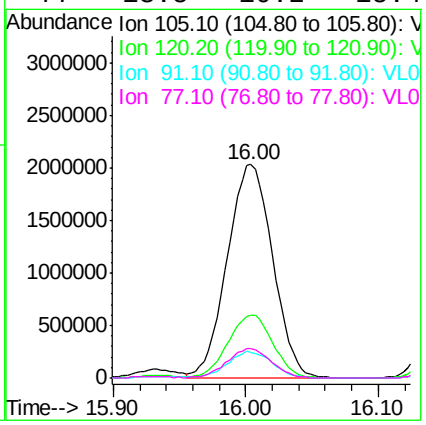


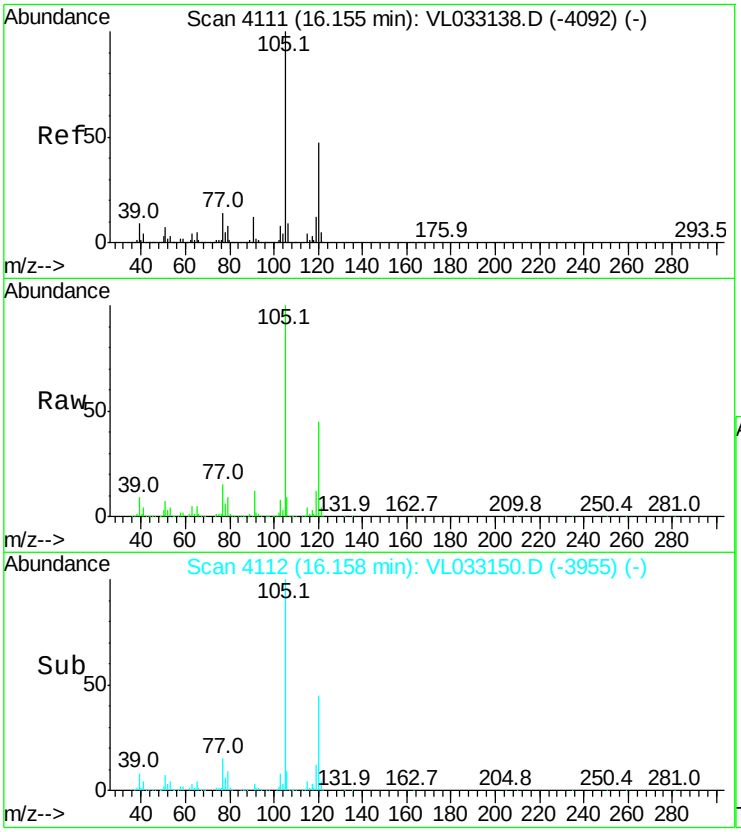


#72
4-Ethyltoluene
Concen: 7.539 ppbv
RT: 16.00 min Scan# 4064
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Tgt Ion:105 Resp: 4822632

Ion	Ratio	Lower	Upper
105	100		
120	29.4	23.2	34.8
91	12.2	9.5	14.3
77	13.5	10.2	15.4



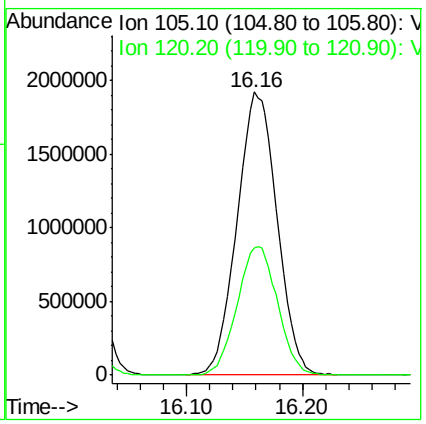


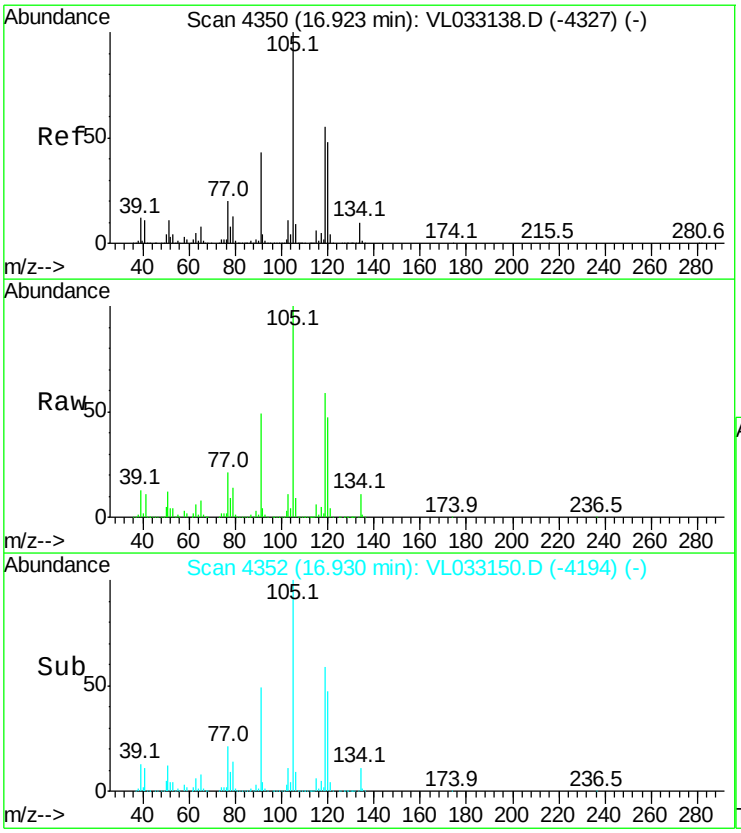
#73
1,3,5-Trimethylbenzene
Concen: 7.952 ppbv
RT: 16.16 min Scan# 4112
Delta R.T. 0.00 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:105 Resp: 4586183

Ion	Ratio	Lower	Upper
105	100		
120	45.0	38.0	57.0

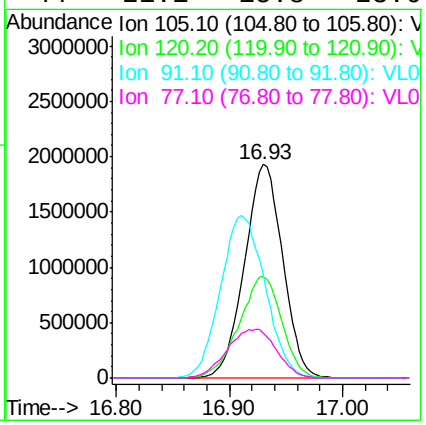


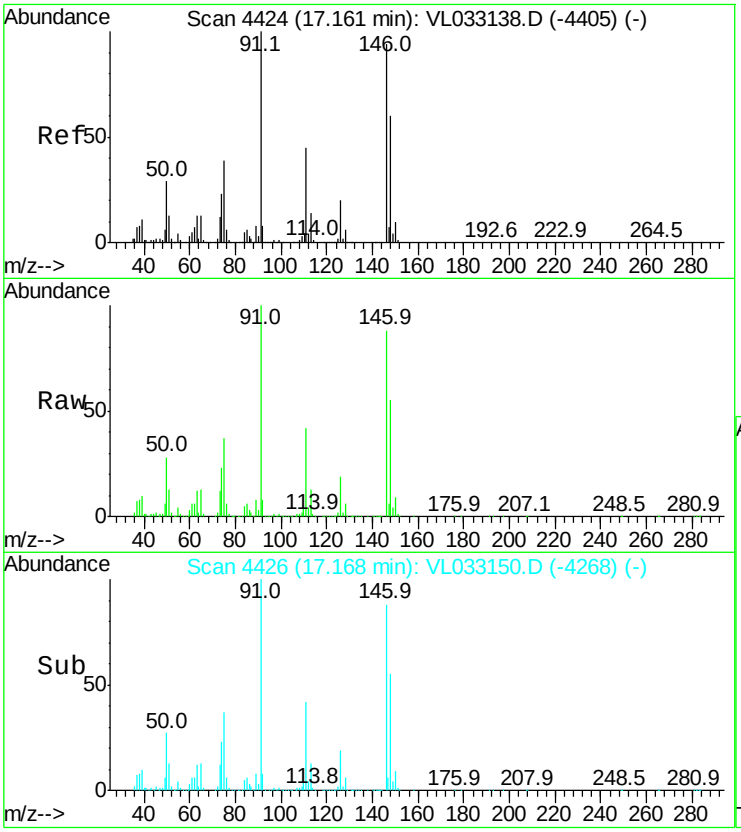


#74
1,2,4-Trimethylbenzene
Concen: 7.962 ppbv
RT: 16.93 min Scan# 4352
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Tgt Ion:105 Resp: 4522281

Ion	Ratio	Lower	Upper
105	100		
120	47.2	38.2	57.4
91	48.6	35.0	52.4
77	21.1	15.8	23.6



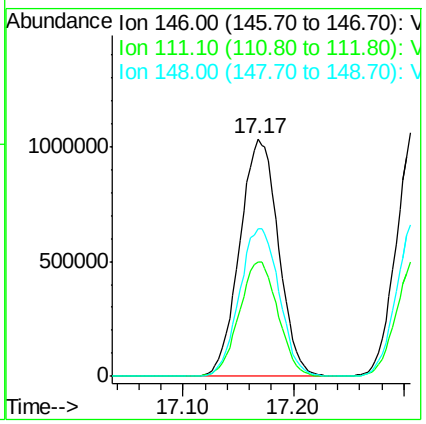


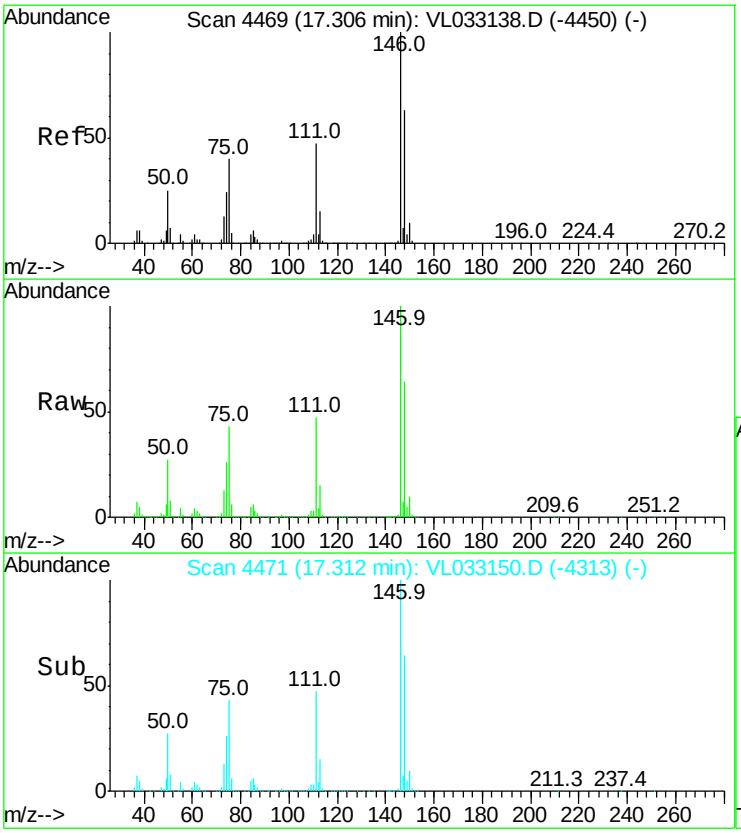
#75
1,3-Dichlorobenzene
Concen: 7.439 ppbv
RT: 17.17 min Scan# 4426
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:146 Resp: 2517667

Ion	Ratio	Lower	Upper
146	100		
111	48.3	24.0	72.0
148	63.9	31.9	95.7

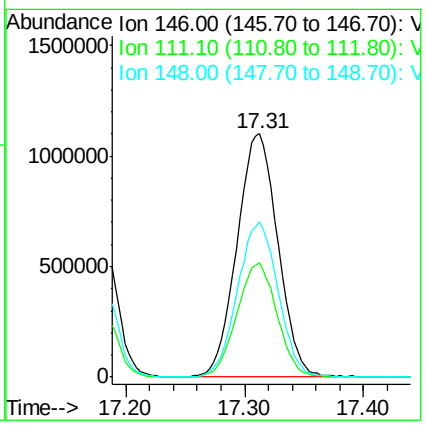


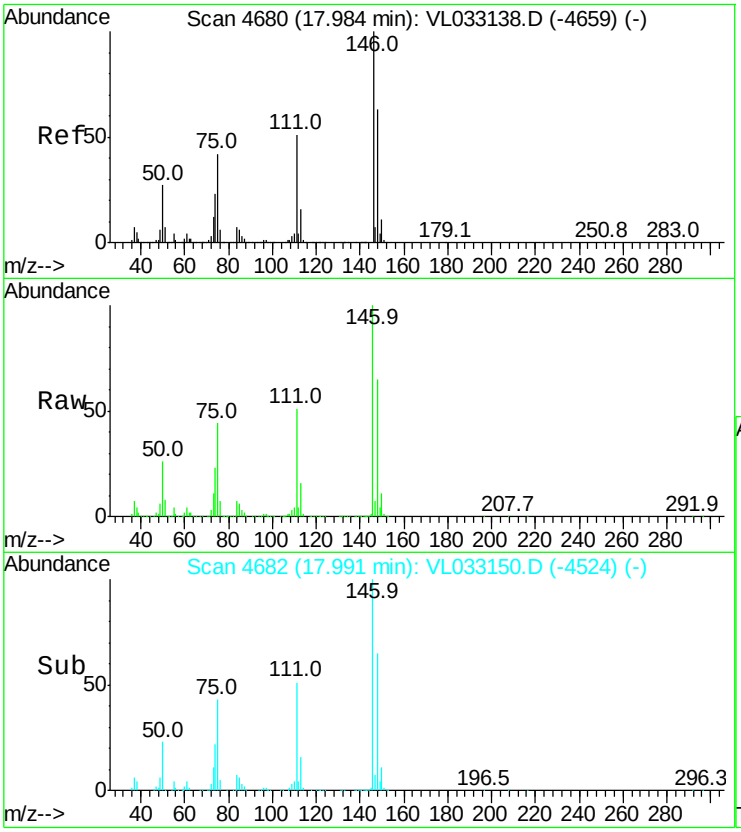


#76
1,4-Dichlorobenzene
Concen: 7.692 ppbv
RT: 17.31 min Scan# 4471
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Tgt Ion:146 Resp: 2599503

Ion	Ratio	Lower	Upper
146	100		
111	46.4	23.4	70.0
148	63.8	31.9	95.9



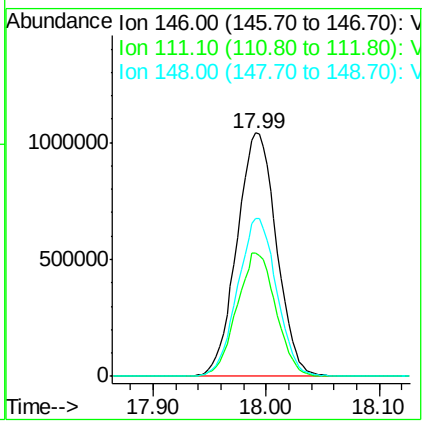


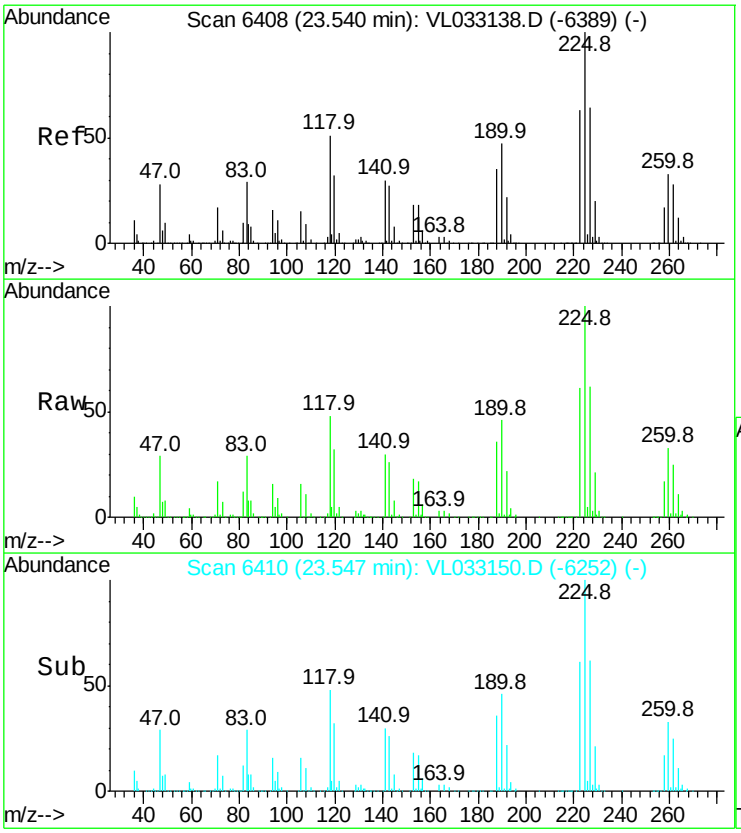
#77
1,2-Dichlorobenzene
Concen: 7.751 ppbv
RT: 17.99 min Scan# 4682
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:146 Resp: 2530160

Ion	Ratio	Lower	Upper
146	100		
111	50.1	25.1	75.3
148	64.3	32.0	96.2

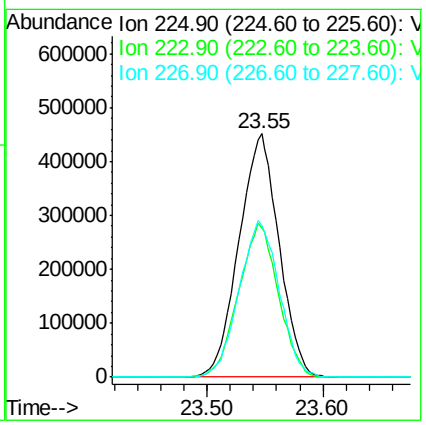


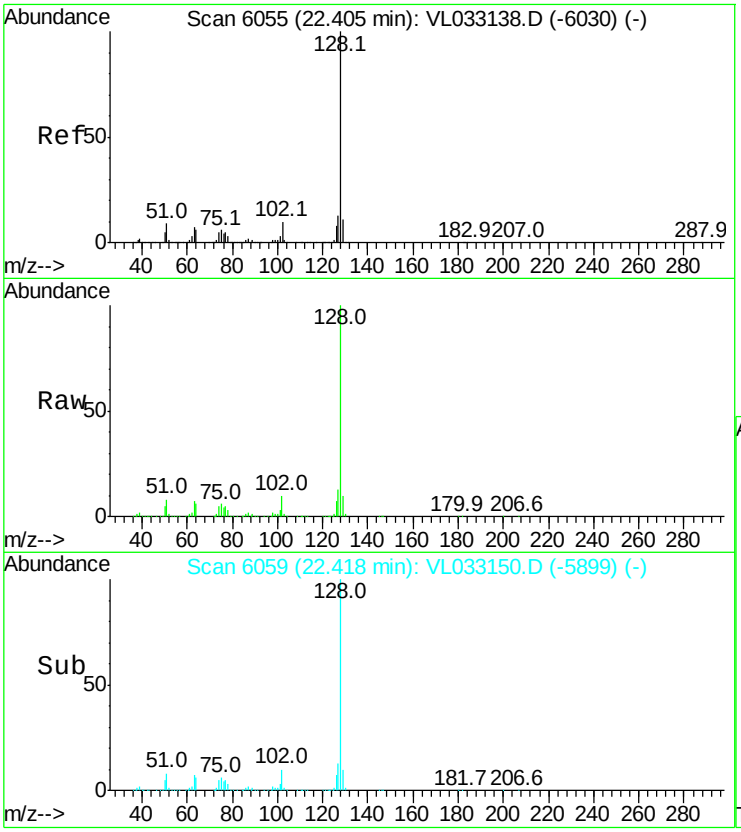


#78
Hexachloro-1,3-Butadiene
Concen: 7.169 ppbv
RT: 23.55 min Scan# 6410
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Tgt Ion:225 Resp: 1084262

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.2	75.4
227	64.3	51.1	76.7



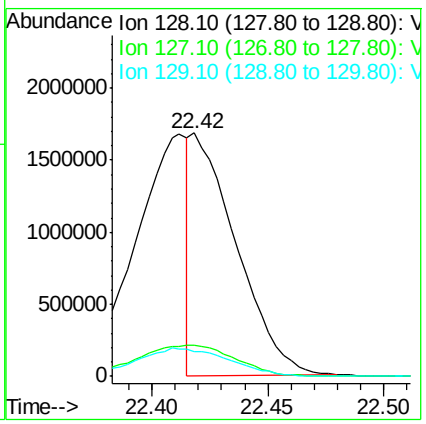


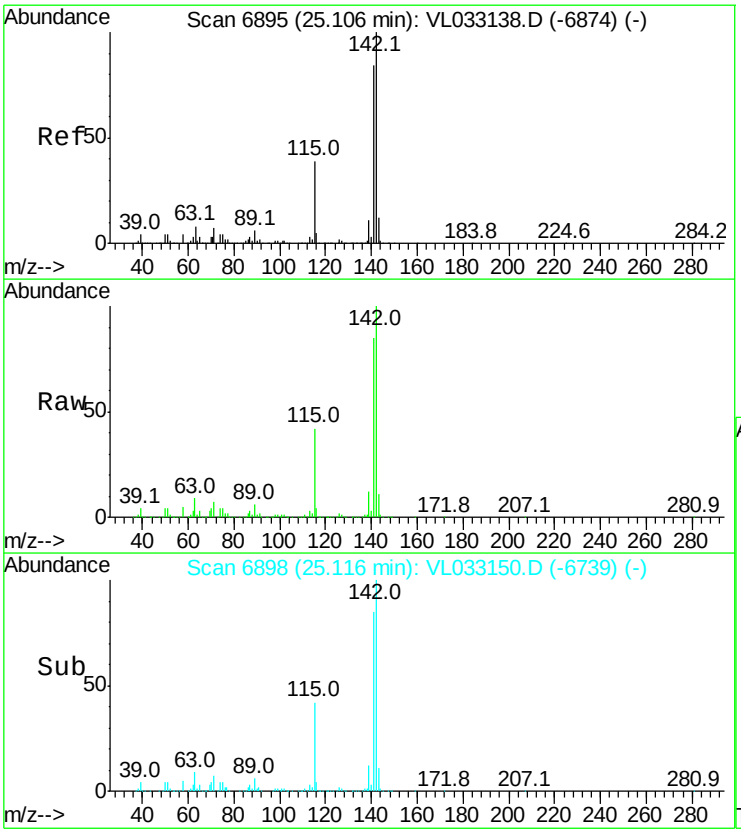
#79
Naphthalene
Concen: 6.075 ppbv
RT: 22.42 min Scan# 6059
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:128 Resp: 2262609

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	16.0
129	10.3	9.0	13.4

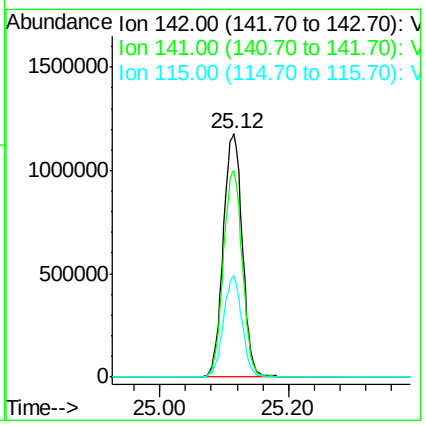


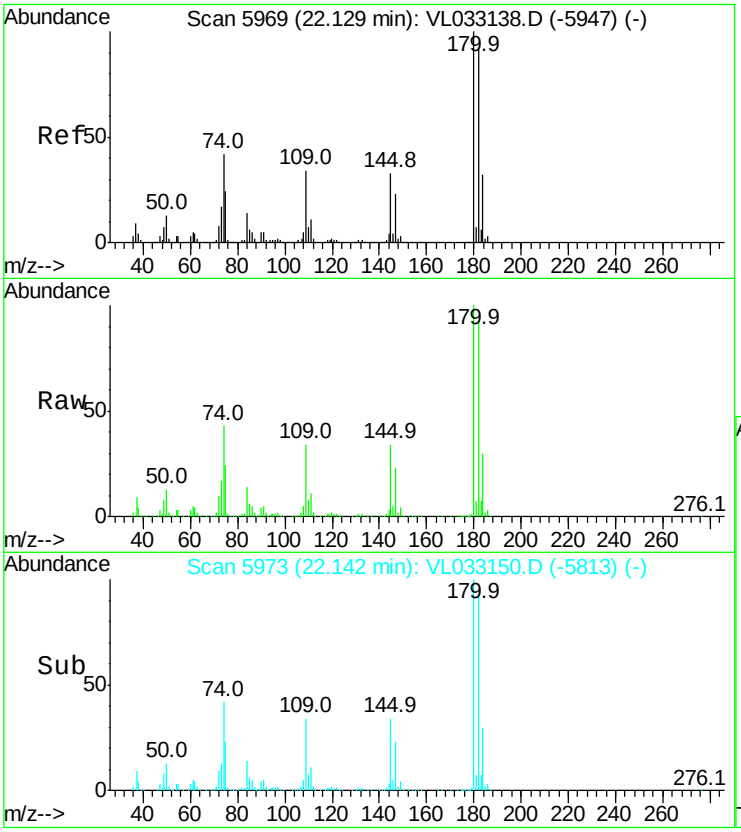


#80
Naphthalene,2-methyl-
Concen: 22.184 ppbv
RT: 25.12 min Scan# 6898
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Tgt Ion:142 Resp: 2437280

Ion	Ratio	Lower	Upper
142	100		
141	83.9	66.5	99.7
115	40.3	31.3	46.9





#81
1,2,4-Trichlorobenzene
Concen: 11.717 ppbv
RT: 22.14 min Scan# 5973
Delta R.T. 0.01 min
Lab File: VL033150.D
Acq: 4 Feb 2019 10:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:180 Resp: 2297285

Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.2	114.4
184	30.7	24.6	36.8