Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL041719\

Quantitation Report (Not Reviewed)

Data File : VL033599.D
Acq On : 17 Apr 2019 12:51
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: Apr 18 05:36:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 26 16:00:50 2019
QLast Update : Tue Mar 26 16:00:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	890599	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2212220	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2762814	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1787245	8.25	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 82.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.08	85	931878	7.174	ppbv	98
3) Chlorodifluoromethane	3.01	51	907609	8.852	ppbv	99
4) Chloromethane	3.17	50	502324	9.258	ppbv	98
5) Vinyl Chloride	3.29	62	493342	9.255	ppbv	99
6) Bromomethane	3.51	94	317987	9.282	ppbv	92
7) Chloroethane	3.60	64	188082	9.480	ppbv	100
8) Dichlorotetrafluoroethane	3.22	85	1214105	8.772	ppbv	98
9) Propene	3.04	41	398381	9.252	ppbv	97
10) Heptane	8.24	43	1016990	8.836	ppbv	99
11) Trichlorofluoromethane	4.00	101	1451213	9.065	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.55	101	980833	9.122	ppbv	100
13) Ethanol	3.65	45	116318	10.439	ppbv	66
14) Bromoethene	3.79	108	404579	9.434	ppbv	98
15) Acetone	3.90	43	935639	8.737	ppbv	98
16) 1,3-Butadiene	3.36	39	416012	9.794	ppbv	94
17) tert-Butyl alcohol	4.35	59	197929	10.053	ppbv	99
18) 1,1-Dichloroethene	4.35	96	433178	9.379	ppbv	97
19) Isopropyl Alcohol	4.02	45	711931	10.511	ppbv	100
20) Methylene Chloride	4.41	84	386208	8.496	ppbv	97
21) Allyl Chloride	4.48	41	663375	9.800	ppbv	98
22) trans-1,2-Dichloroethene	4.96	96	459087	9.528	ppbv	97
23) Vinyl Acetate	5.15	43	1494413	9.805	ppbv	99
24) 1,1-Dichloroethane	5.09	63	1040778	8.989	ppbv	100
25) Ethyl Acetate	5.76	43	1714578	8.630	ppbv	100
26) Hexane	5.78	57	777938	8.806	ppbv	97
27) Carbon Disulfide	4.62	76	1089875	10.375	ppbv	98
28) Methyl tert-Butyl Ether	5.11	73	1246118	9.794	ppbv	100
29) Chloroform	5.85	83	1297563	8.569	ppbv	99
30) Cyclohexane	7.25	84	676221	9.676	ppbv	98
31) cis-1,2-Dichloroethene	5.64	61	816125	9.292	ppbv	97
32) 1,1,1-Trichloroethane	6.62	97	1333014	9.244	ppbv	99
34) 2-Butanone	5.33	43	1160603	8.732	ppbv	98
35) Carbon Tetrachloride	7.13	117	1402969	8.954	ppbv	99
36) Benzene	7.00	78	1651059	8.895	ppbv	97
37) 1,2-Dichloroethane	6.41	62	1003278	8.064	ppbv	99
38) Trichloroethene	7.96	130	667351	9.553	ppbv	96
39) 1,2-Dichloropropane	7.74	63	634510	8.726	ppbv	95
40) 1,4-Dioxane	7.95	88	242885	9.365	ppbv	87
41) Tetrahydrofuran	6.15	42	645720	8.833	ppbv	97
42) Bromodichloromethane	7.91	83	1481249	8.741	ppbv	100
43) Methyl Methacrylate	8.14	69	683641	9.070	ppbv	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL041719\

Quantitation Report (Not Reviewed)

Data File : VL033599.D
Acq On : 17 Apr 2019 12:51
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: Apr 18 05:36:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 26 16:00:50 2019
QLast Update : Tue Mar 26 16:00:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.98	57	2783028	8.580	ppbv		99
45) t-1,3-Dichloropropene	9.41	75	938864	10.146	ppbv		100
46) cis-1,3-Dichloropropene	8.83	75	1033416	9.563	ppbv		97
47) 1,1,2-Trichloroethane	9.61	97	705612	8.546	ppbv		98
48) Dibromochloromethane	10.45	129	1282267	9.207	ppbv		100
49) Bromoform	13.20	173	1167012	8.771	ppbv		100
50) 4-Methyl-2-Pentanone	8.87	43	1675991	8.612	ppbv		99
51) 2-Hexanone	10.27	43	1330078	9.162	ppbv	#	99
52) Tetrachloroethene	11.37	164	656487	9.374	ppbv		98
53) Toluene	9.94	91	2000050	9.272	ppbv		100
54) 1,2-Dibromoethane	10.76	107	1126547	8.723	ppbv		96
56) 1,1,1,2-Tetrachloroethane	12.28	131	899343	7.102	ppbv	#	57
57) Chlorobenzene	12.30	112	1511782	7.047	ppbv		97
58) Ethyl Benzene	12.86	91	2757300	7.473	ppbv		100
59) m/p-Xylene	13.15	91	2220946	6.739	ppbv	#	100
60) o-Xylene	13.85	91	2309057	7.246	ppbv		99
61) Styrene	13.68	104	1717605	7.853	ppbv		99
62) Isopropylbenzene	14.82	105	3280888	7.270	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.84	83	1609584	6.860	ppbv		100
64) n-propylbenzene	15.72	120	835880	7.300	ppbv		98
65) tert-Butylbenzene	16.90	119	2957142	7.436	ppbv		98
66) Benzyl Chloride	17.15	91	1672441	9.044	ppbv		99
67) sec-Butylbenzene	17.46	105	4157476	7.351	ppbv		100
69) p-Isopropyltoluene	17.82	119	3489289	7.578	ppbv		99
70) n-Butylbenzene	18.71	91	3595610	7.370	ppbv		100
71) 2-Chlorotoluene	15.61	91	2507169	7.307	ppbv		98
72) 4-Ethyltoluene	16.00	105	2708258	7.561	ppbv		100
73) 1,3,5-Trimethylbenzene	16.16	105	2611143	7.617	ppbv		97
74) 1,2,4-Trimethylbenzene	16.93	105	2704720	7.361	ppbv		95
75) 1,3-Dichlorobenzene	17.16	146	1616520	7.118	ppbv		99
76) 1,4-Dichlorobenzene	17.31	146	1610289	7.278	ppbv		100
77) 1,2-Dichlorobenzene	17.99	146	1587467	7.368	ppbv		99
78) Hexachloro-1,3-Butadiene	23.54	225	1194168	8.372	ppbv		99
79) Naphthalene	22.41	128	2668922	8.486	ppbv		99
80) Naphthalene,2-methyl-	25.11	142	1271803	12.049	ppbv		98
81) 1,2,4-Trichlorobenzene	22.13	180	1391990	7.979	ppbv		99

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

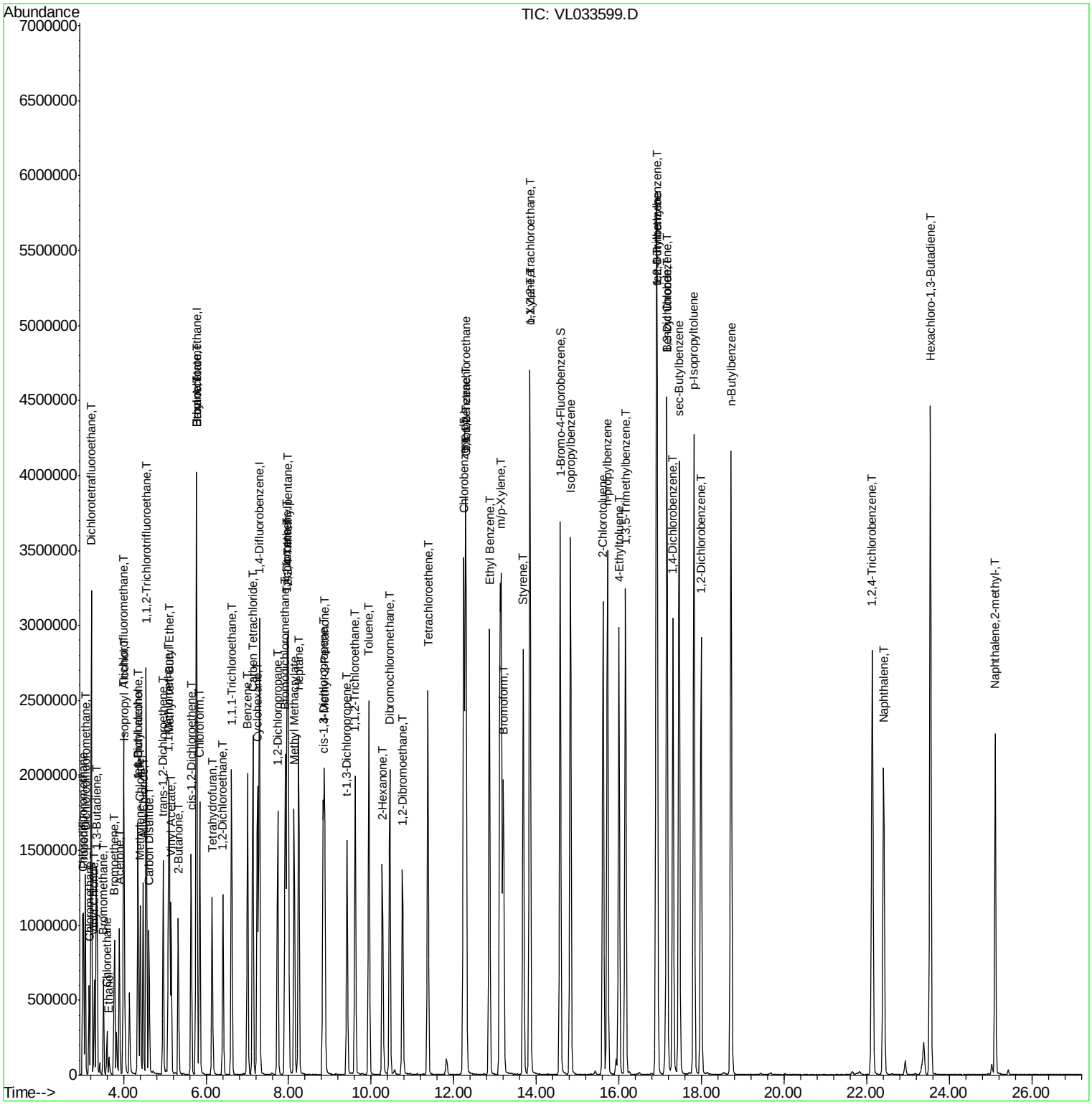
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL041719\

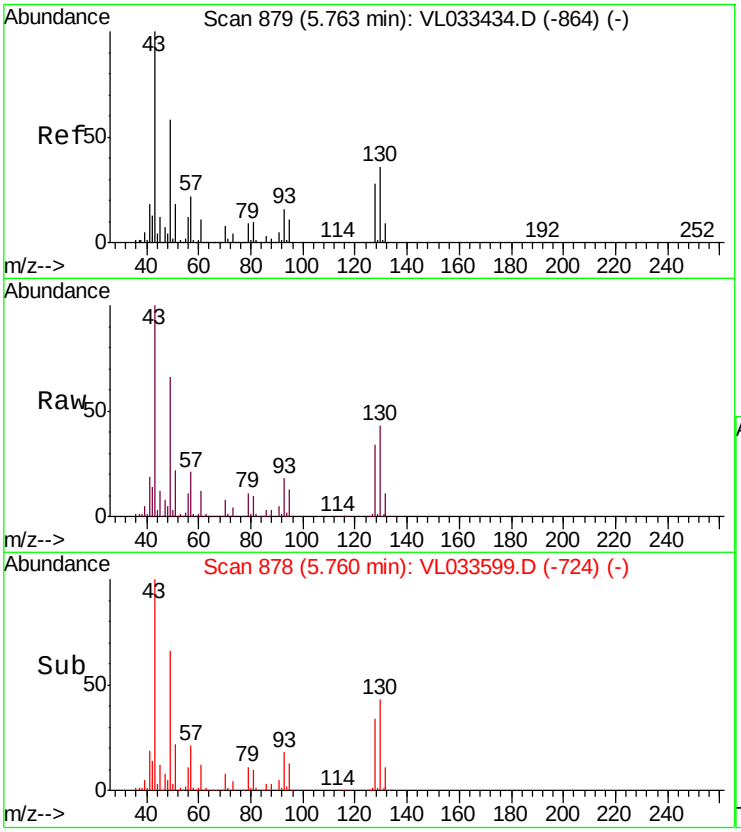
Quantitation Report (Not Reviewed)

Data File : VL033599.D
Acq On : 17 Apr 2019 12:51
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Quant Time: Apr 18 05:36:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 26 16:00:50 2019
QLast Update : Tue Mar 26 16:00:50 2019
Response via : Initial Calibration



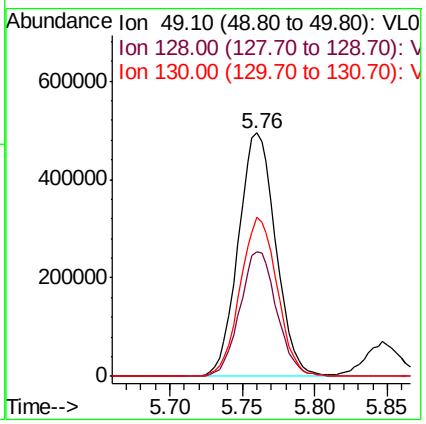


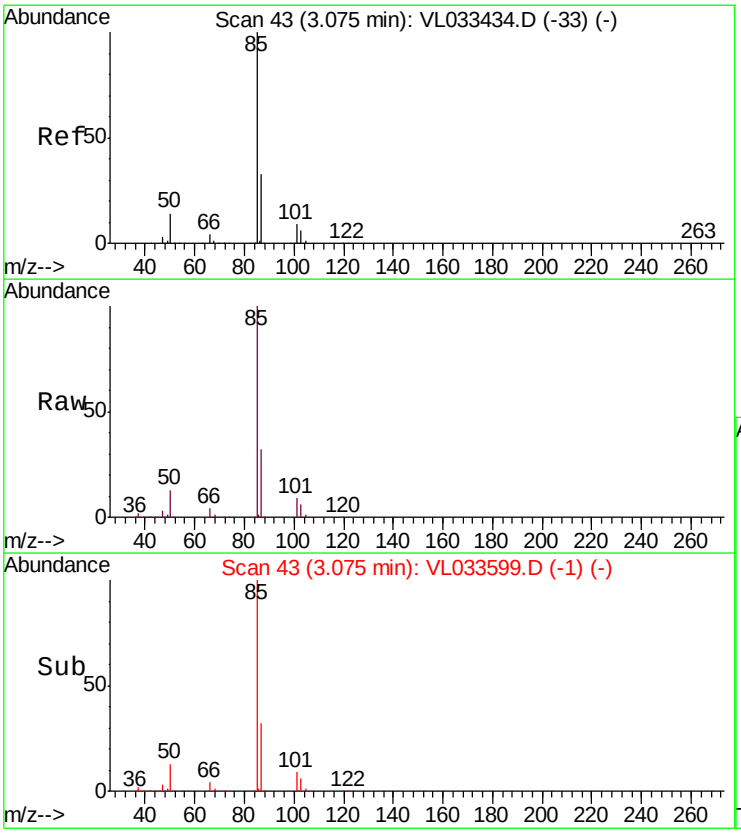
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 878
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 890599

Ion	Ratio	Lower	Upper
49	100		
128	50.4	24.0	72.0
130	64.7	31.2	93.6

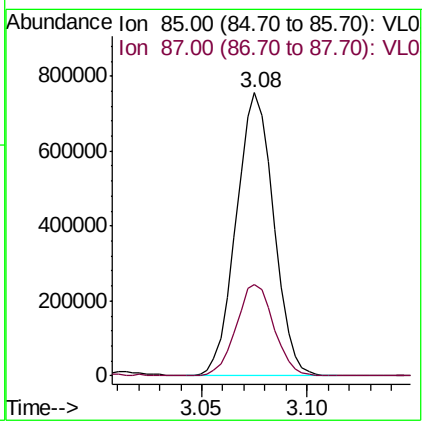


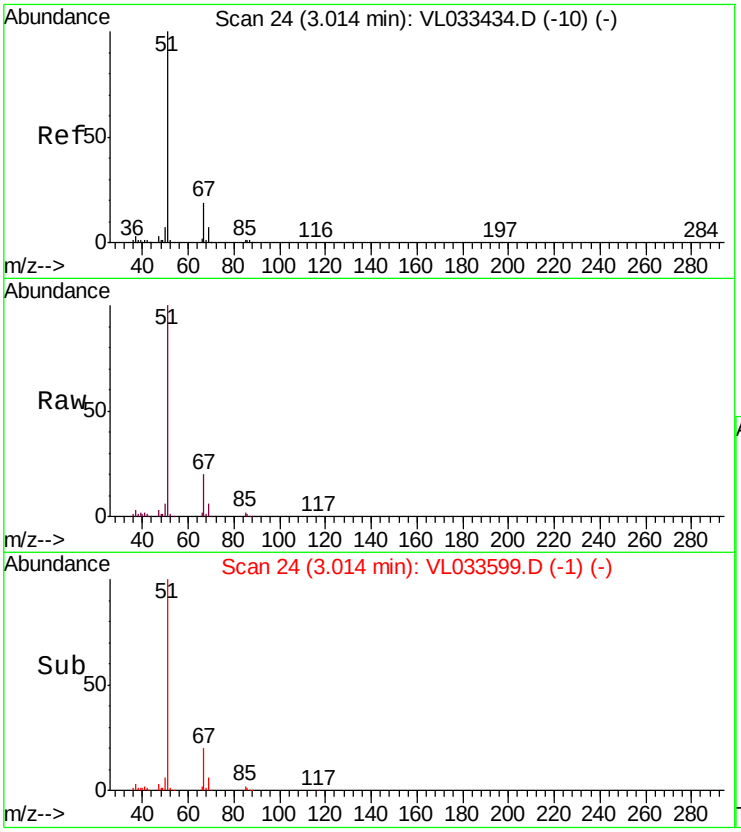


#2
Dichlorodifluoromethane
Concen: 7.174 ppbv
RT: 3.08 min Scan# 43
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Tgt Ion: 85 Resp: 931878

Ion	Ratio	Lower	Upper
85	100		
87	32.5	26.7	40.1



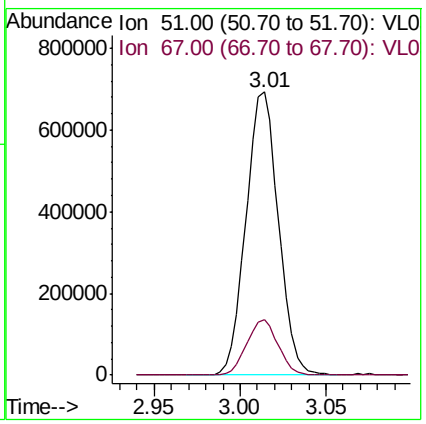


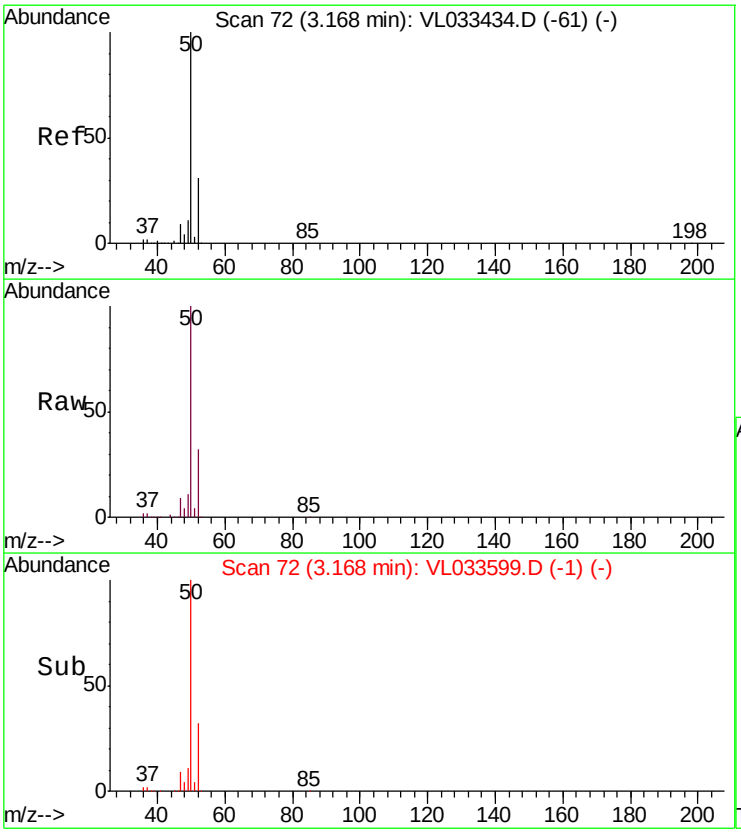
#3
Chlorodifluoromethane
Concen: 8.852 ppbv
RT: 3.01 min Scan# 24
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 51 Resp: 907609

Ion	Ratio	Lower	Upper
51	100		
67	19.1	15.7	23.5

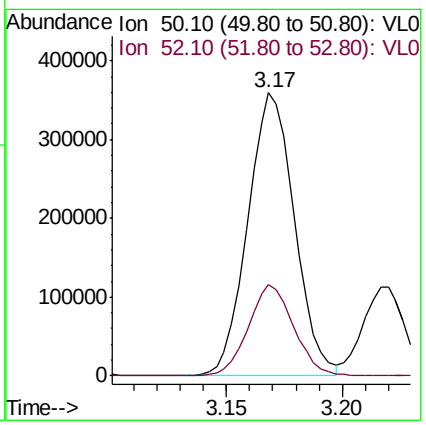


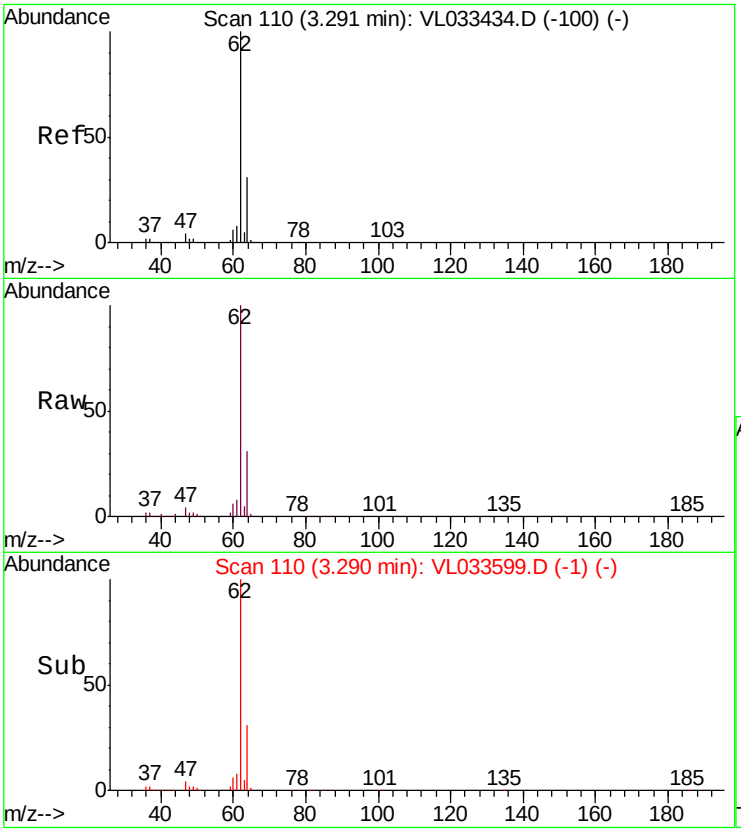


#4
Chloromethane
Concen: 9.258 ppbv
RT: 3.17 min Scan# 72
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Tgt Ion: 50 Resp: 502324

Ion	Ratio	Lower	Upper
50	100		
52	32.2	25.0	37.6



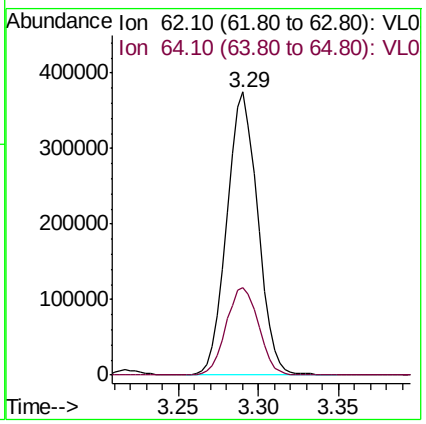


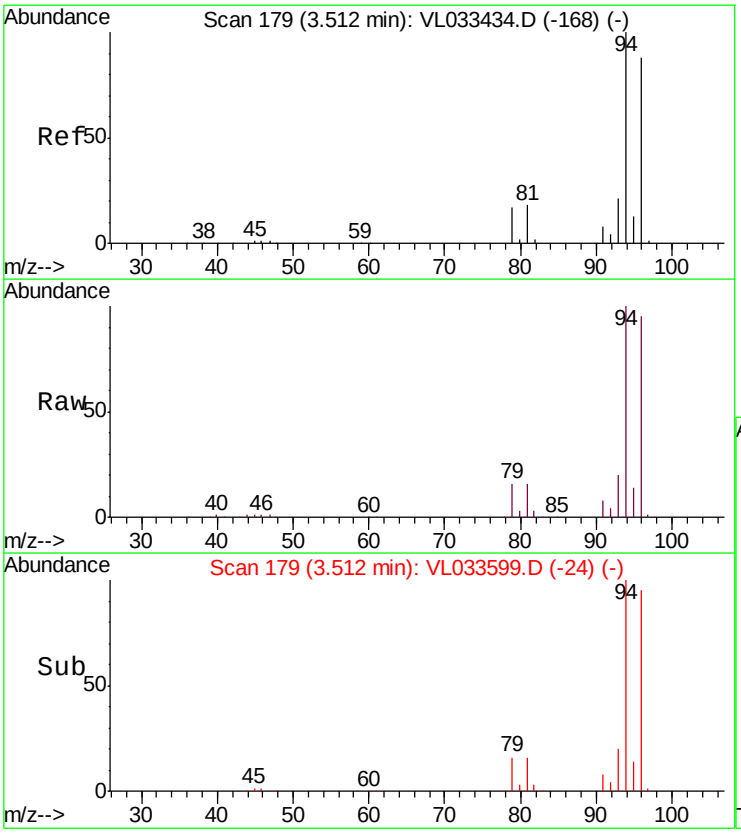
#5
Vinyl Chloride
Concen: 9.255 ppbv
RT: 3.29 min Scan# 110
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 62 Resp: 493342

Ion	Ratio	Lower	Upper
62	100		
64	30.8	24.9	37.3

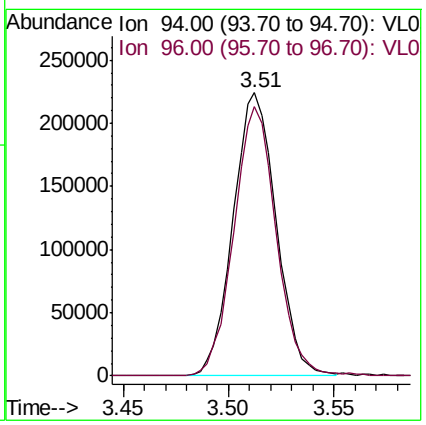


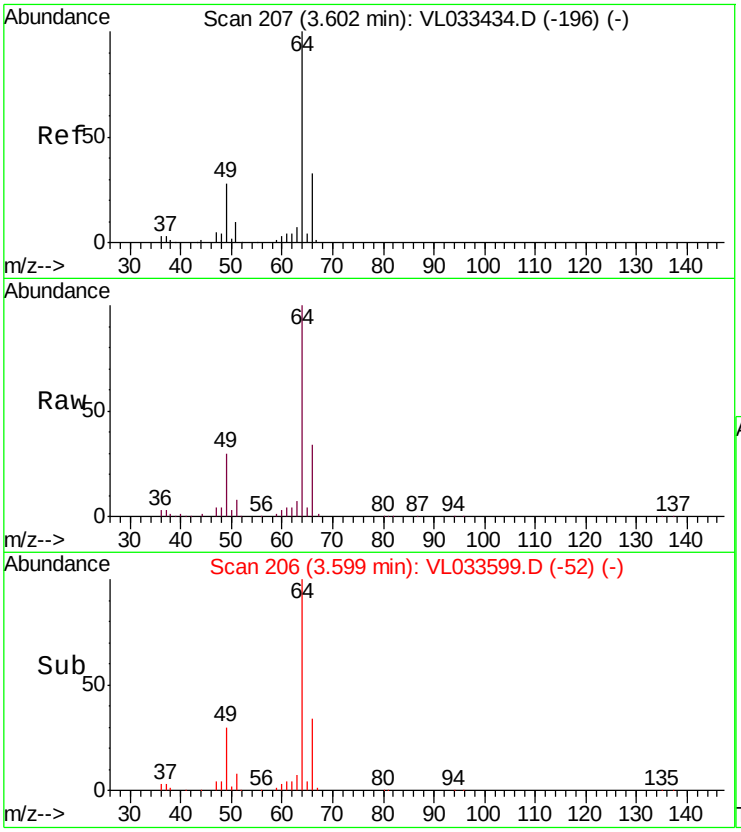


#6
Bromomethane
Concen: 9.282 ppbv
RT: 3.51 min Scan# 179
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Tgt Ion: 94 Resp: 317987

Ion	Ratio	Lower	Upper
94	100		
96	95.0	70.2	105.2



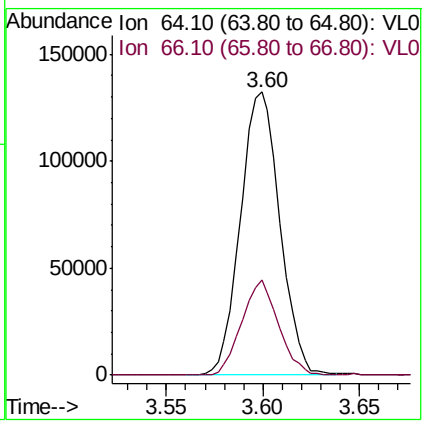


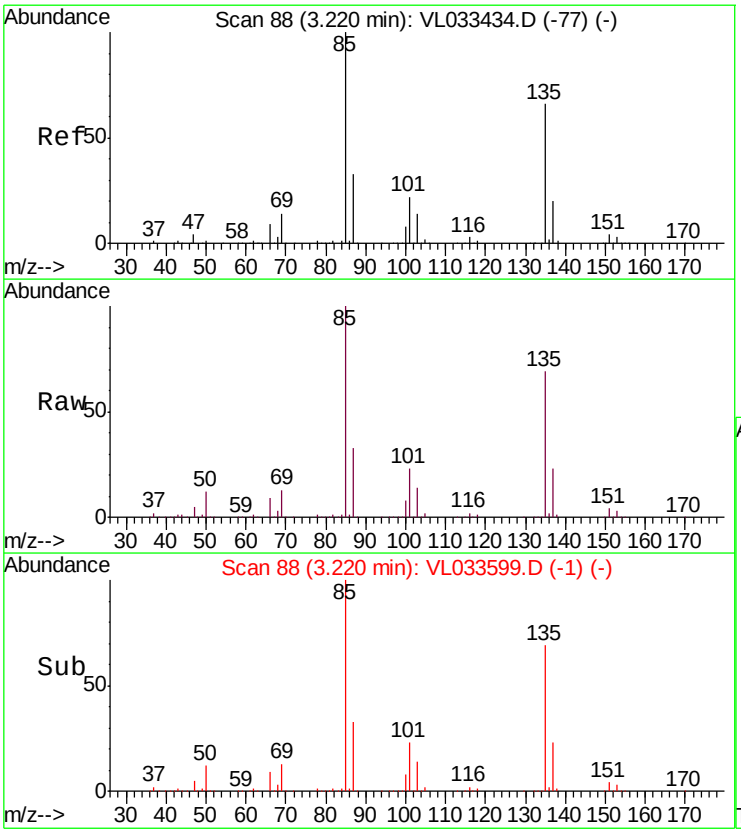
#7
Chloroethane
Concen: 9.480 ppbv
RT: 3.60 min Scan# 206
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 188082

Ion	Ratio	Lower	Upper
64	100		
66	33.5	26.7	40.1

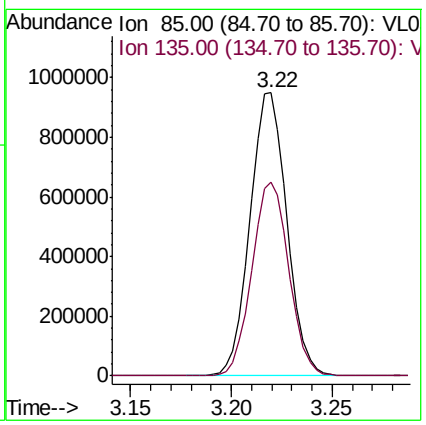


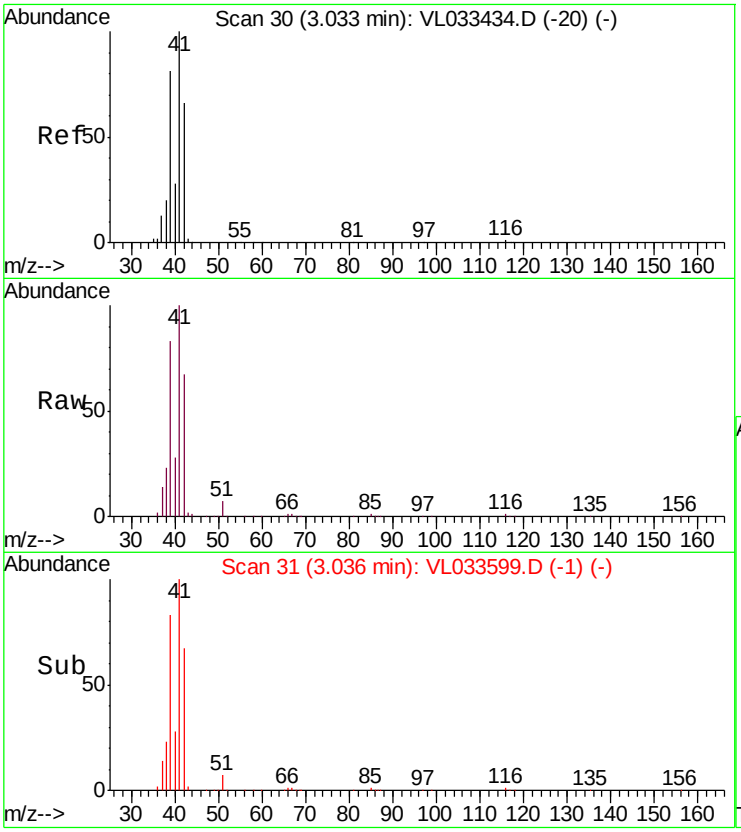


#8
Dichlorotetrafluoroethane
Concen: 8.772 ppbv
RT: 3.22 min Scan# 88
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Tgt Ion: 85 Resp: 1214105

Ion	Ratio	Lower	Upper
85	100		
135	68.9	54.0	81.0



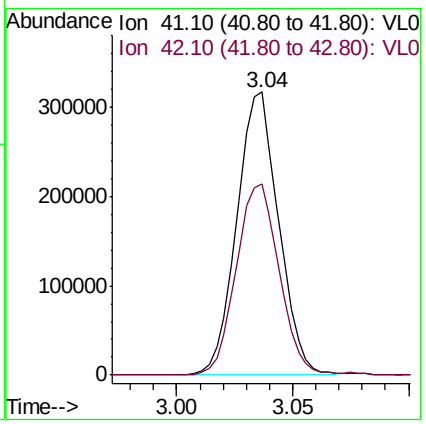


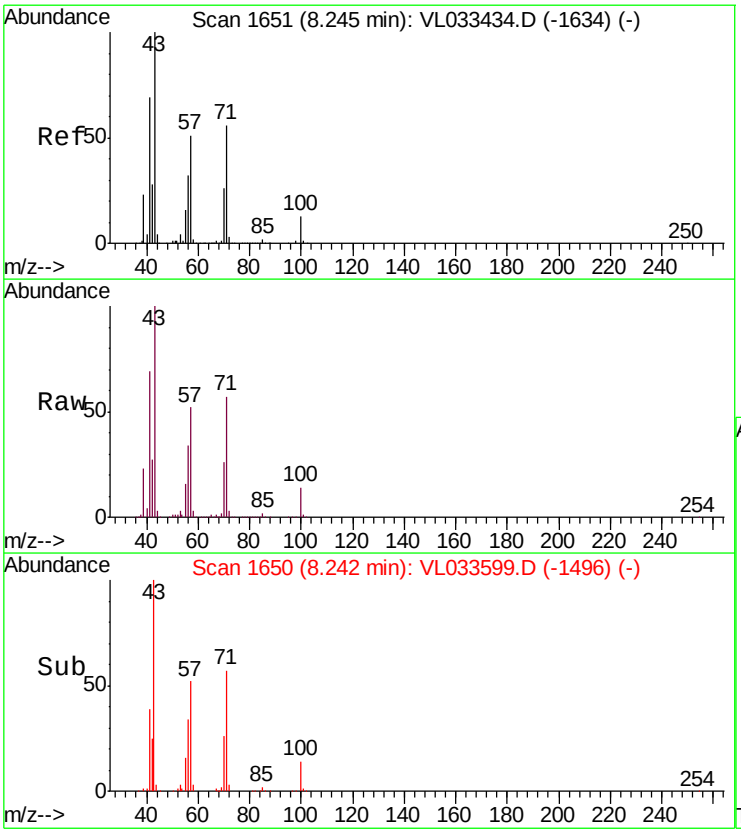
#9
Propene
Concen: 9.252 ppbv
RT: 3.04 min Scan# 31
Delta R.T. 0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 398381

Ion	Ratio	Lower	Upper
41	100		
42	69.8	53.9	80.9

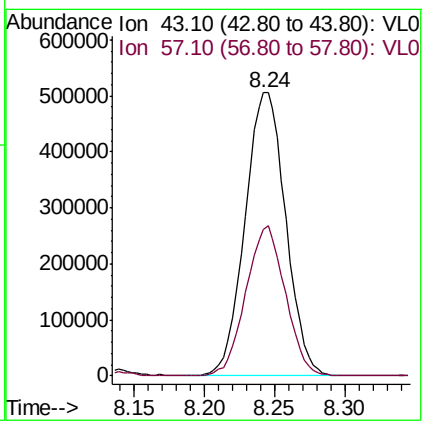


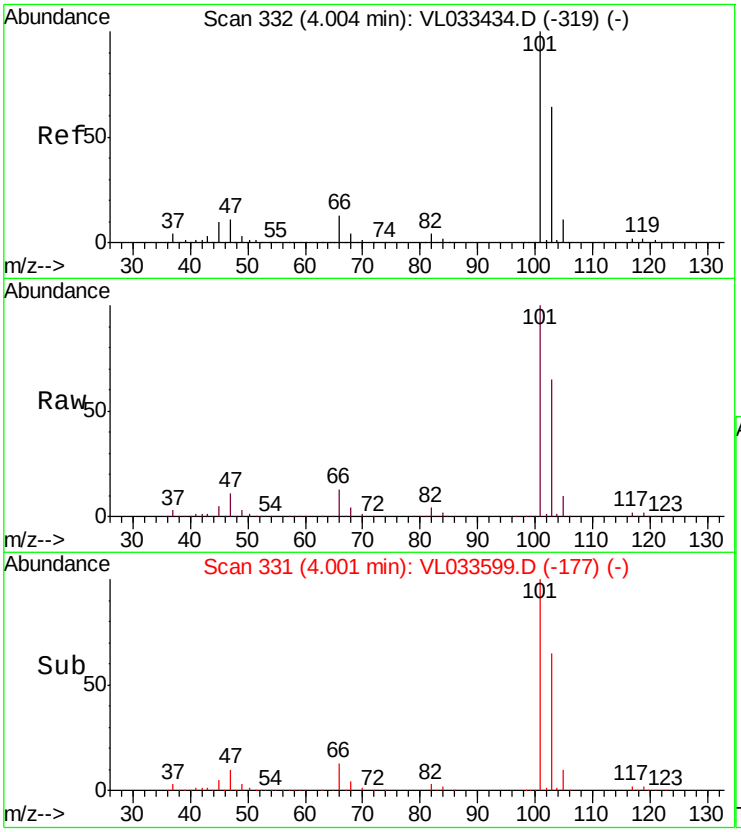


#10
Heptane
Concen: 8.836 ppbv
RT: 8.24 min Scan# 1650
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Tgt Ion: 43 Resp: 1016990

Ion	Ratio	Lower	Upper
43	100		
57	51.5	40.6	60.8



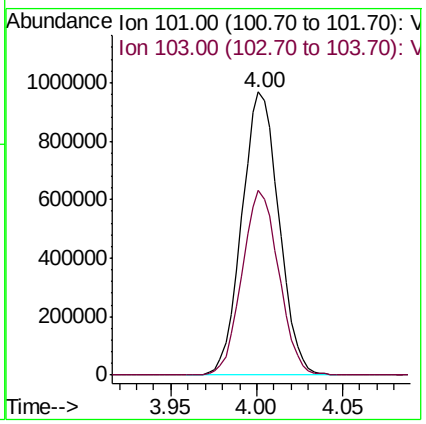


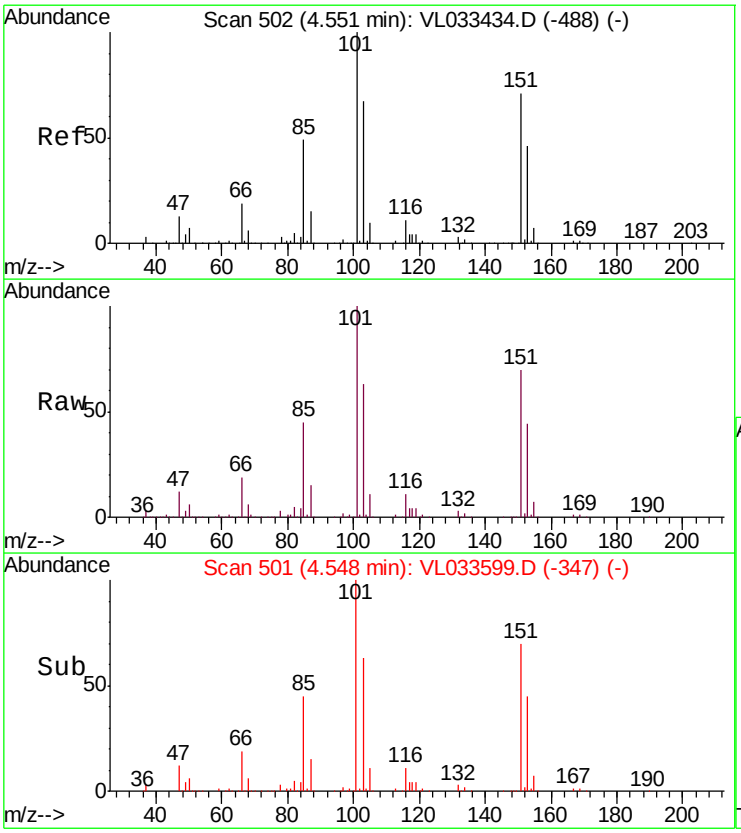
#11
Trichlorofluoromethane
Concen: 9.065 ppbv
RT: 4.00 min Scan# 331
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 1451213

Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.3	76.9

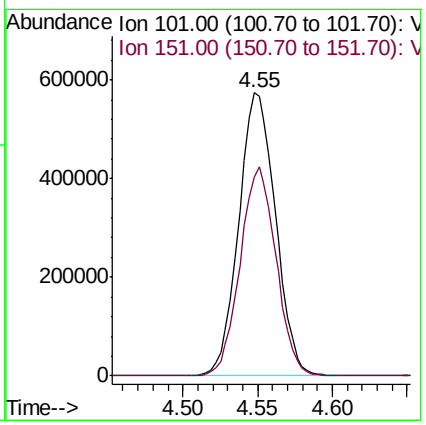


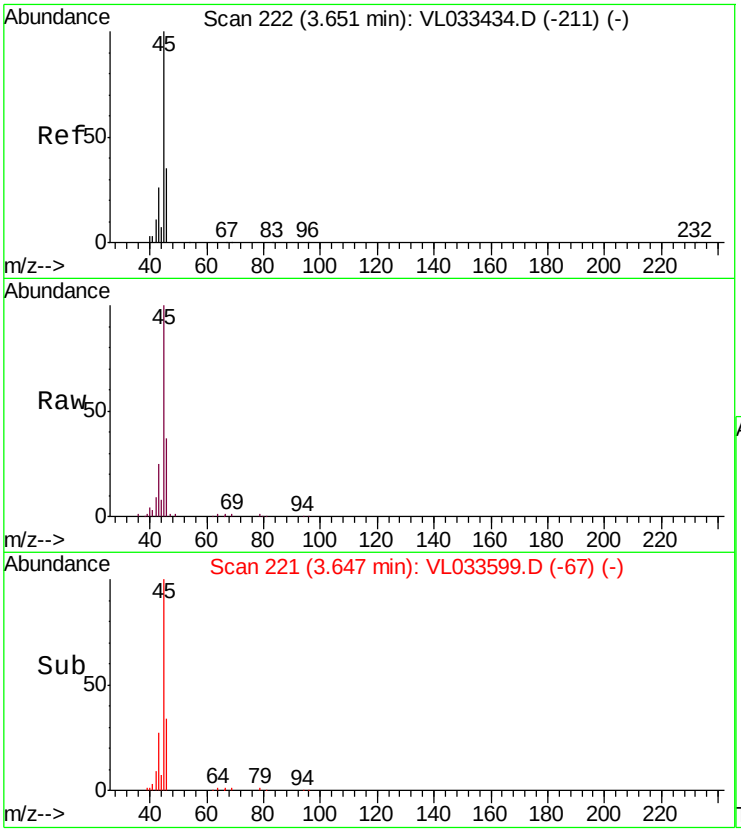


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.122 ppbv
RT: 4.55 min Scan# 501
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Tgt Ion:101 Resp: 980833

Ion	Ratio	Lower	Upper
101	100		
151	72.4	57.7	86.5



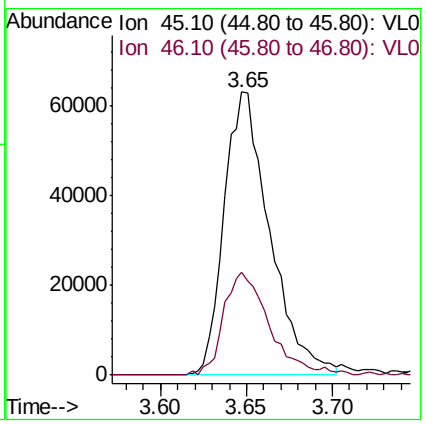


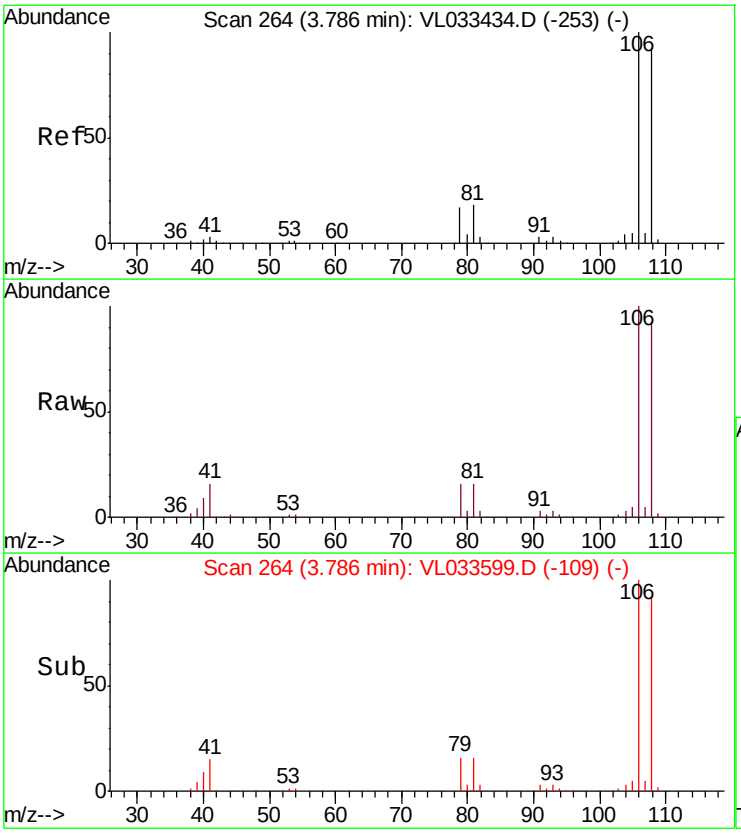
#13
Ethanol
Concen: 10.439 ppbv
RT: 3.65 min Scan# 221
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 116318

Ion	Ratio	Lower	Upper
45	100		
46	37.1	25.4	101.8

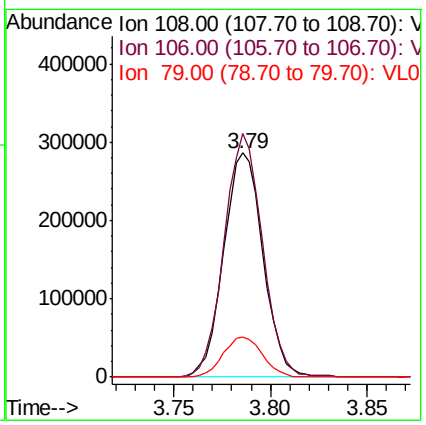


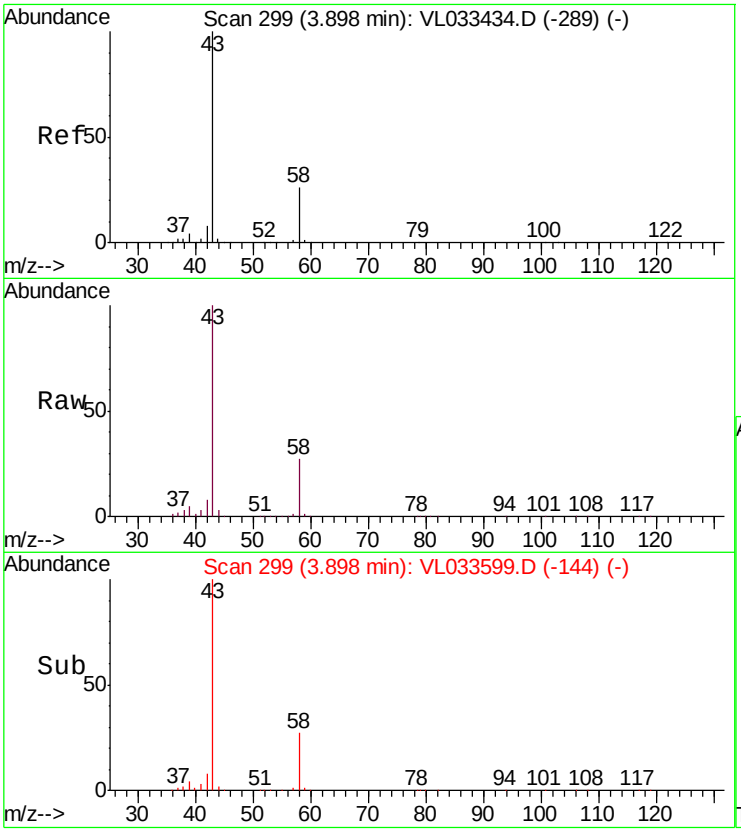


#14
Bromoethene
Concen: 9.434 ppbv
RT: 3.79 min Scan# 264
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Tgt Ion:108 Resp: 404579

Ion	Ratio	Lower	Upper
108	100		
106	105.9	86.4	129.6
79	18.1	15.8	23.8



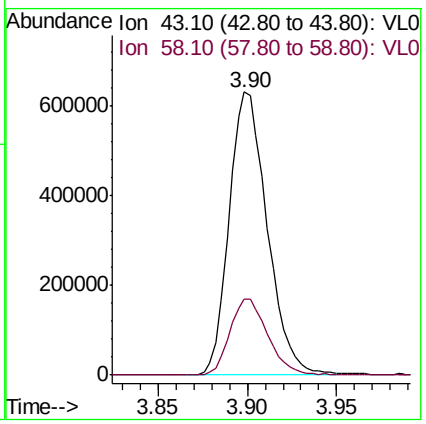


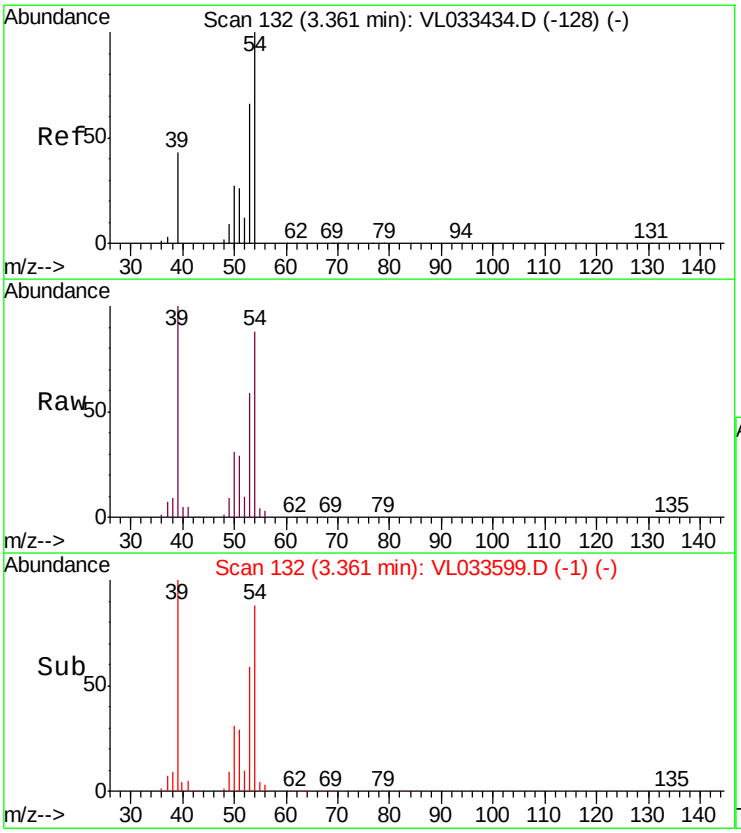
#15
Acetone
Concen: 8.737 ppbv
RT: 3.90 min Scan# 299
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 935639

Ion	Ratio	Lower	Upper
43	100		
58	26.8	20.5	30.7

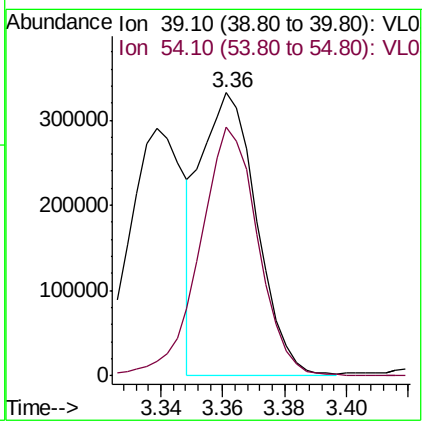


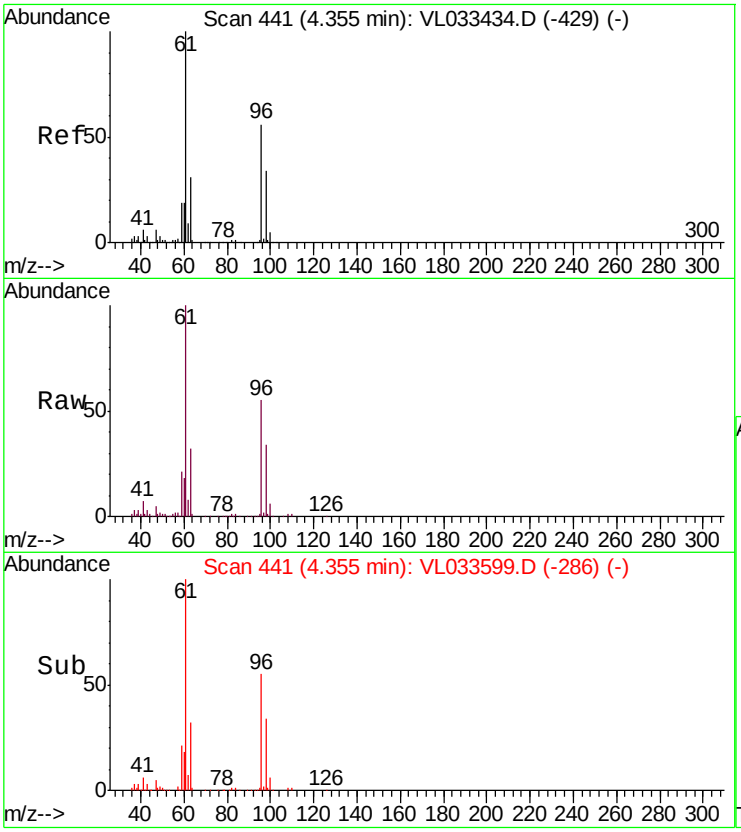


#16
1,3-Butadiene
Concen: 9.794 ppbv
RT: 3.36 min Scan# 132
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Tgt Ion: 39 Resp: 416012

Ion	Ratio	Lower	Upper
39	100		
54	92.6	69.4	104.2



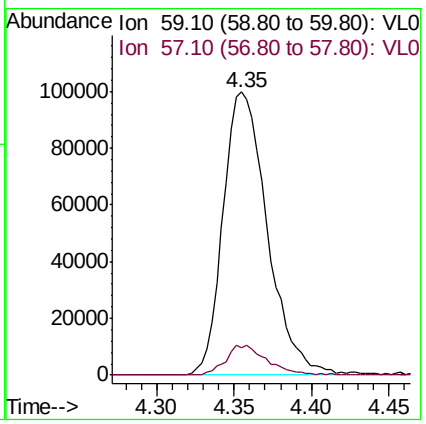


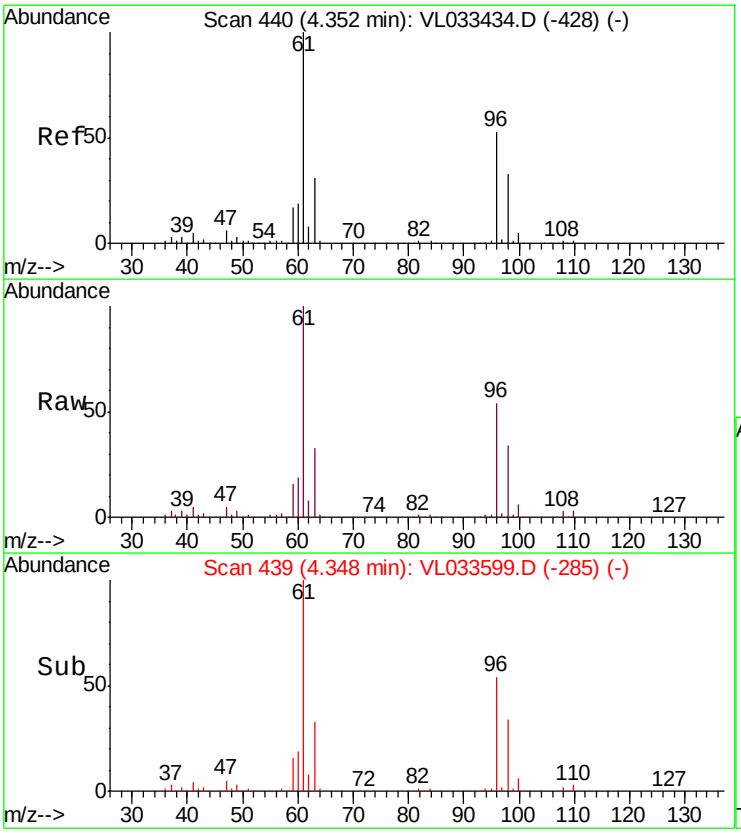
#17
tert-Butyl alcohol
Concen: 10.053 ppbv
RT: 4.35 min Scan# 441
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 59 Resp: 197929

Ion	Ratio	Lower	Upper
59	100		
57	10.1	7.8	11.8

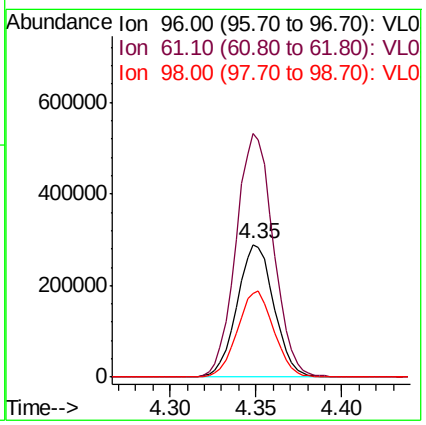


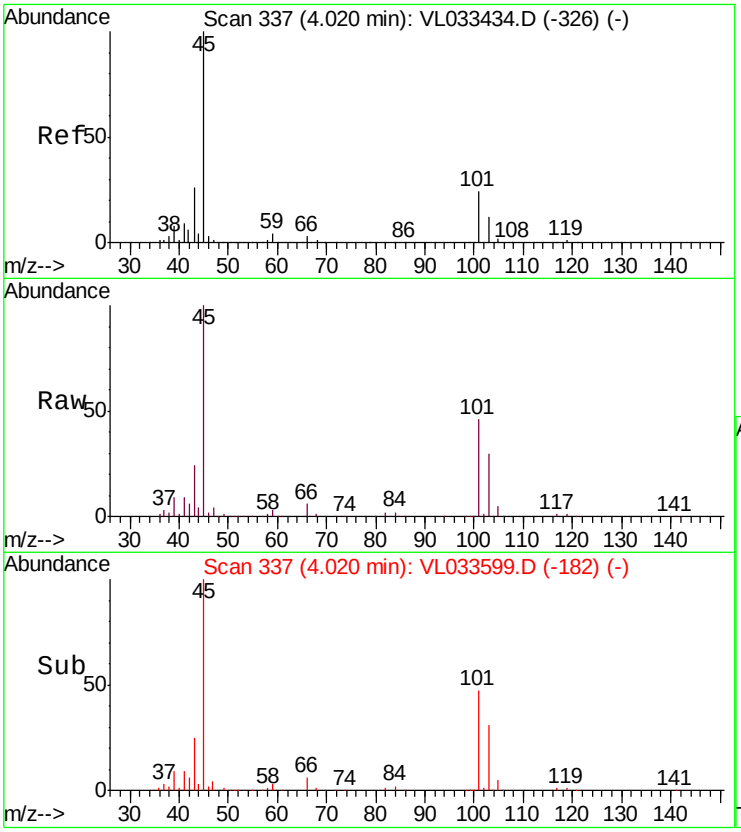


#18
1,1-Dichloroethene
Concen: 9.379 ppbv
RT: 4.35 min Scan# 439
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Tgt Ion: 96 Resp: 433178

Ion	Ratio	Lower	Upper
96	100		
61	183.5	149.8	224.6
98	62.7	48.7	73.1



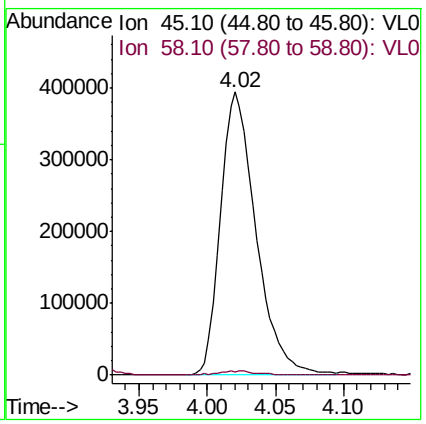


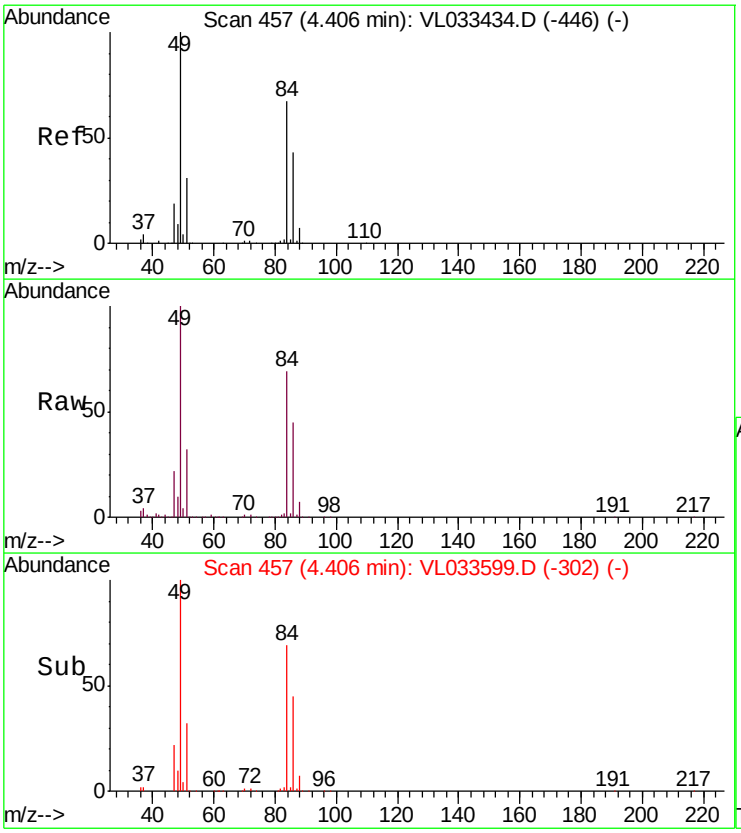
#19
Isopropyl Alcohol
Concen: 10.511 ppbv
RT: 4.02 min Scan# 337
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 711931

Ion	Ratio	Lower	Upper
45	100		
58	1.9	1.4	2.2

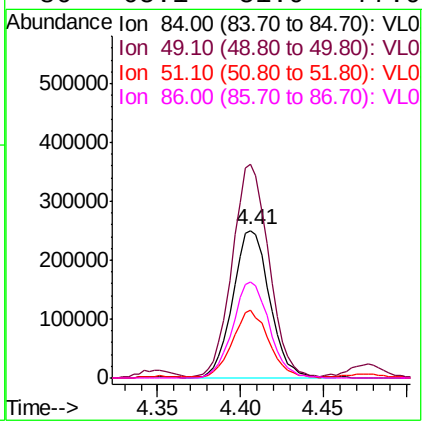


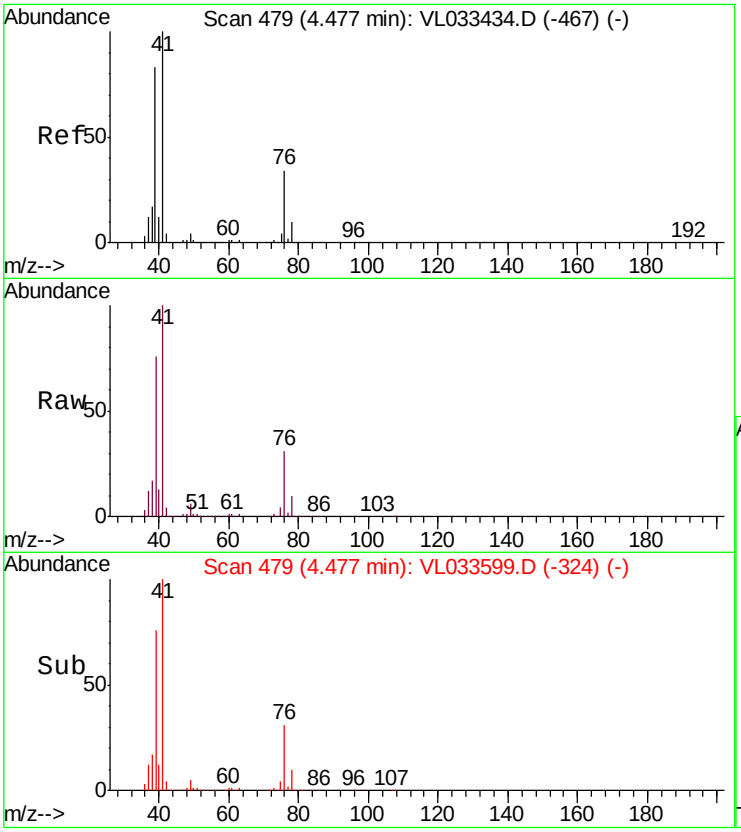


#20
Methylene Chloride
Concen: 8.496 ppbv
RT: 4.41 min Scan# 457
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Tgt Ion: 84 Resp: 386208

Ion	Ratio	Lower	Upper
84	100		
49	143.6	120.0	180.0
51	45.2	36.7	55.1
86	65.1	51.9	77.9



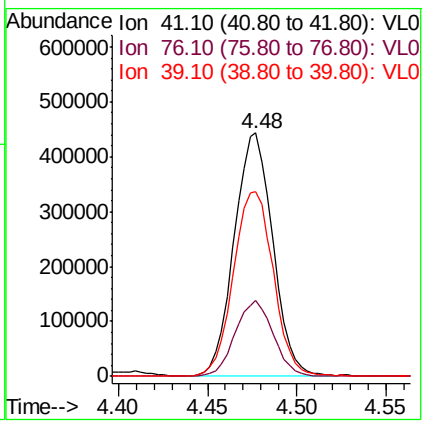


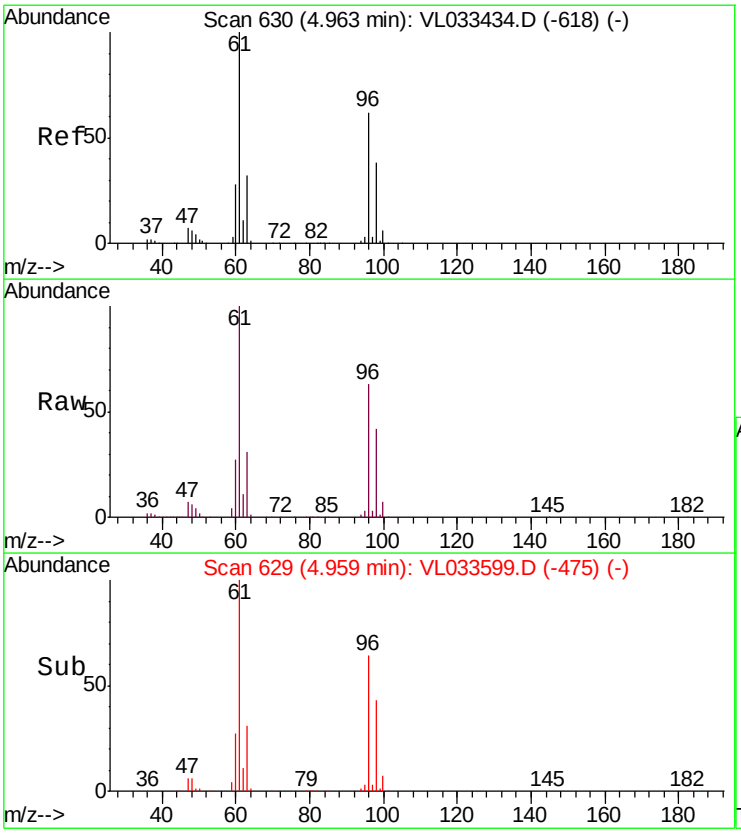
#21
Allyl Chloride
Concen: 9.800 ppbv
RT: 4.48 min Scan# 479
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 41 Resp: 663375

Ion	Ratio	Lower	Upper
41	100		
76	30.9	25.4	38.2
39	79.5	65.3	97.9

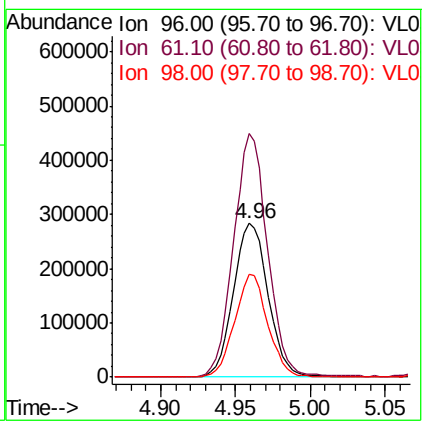


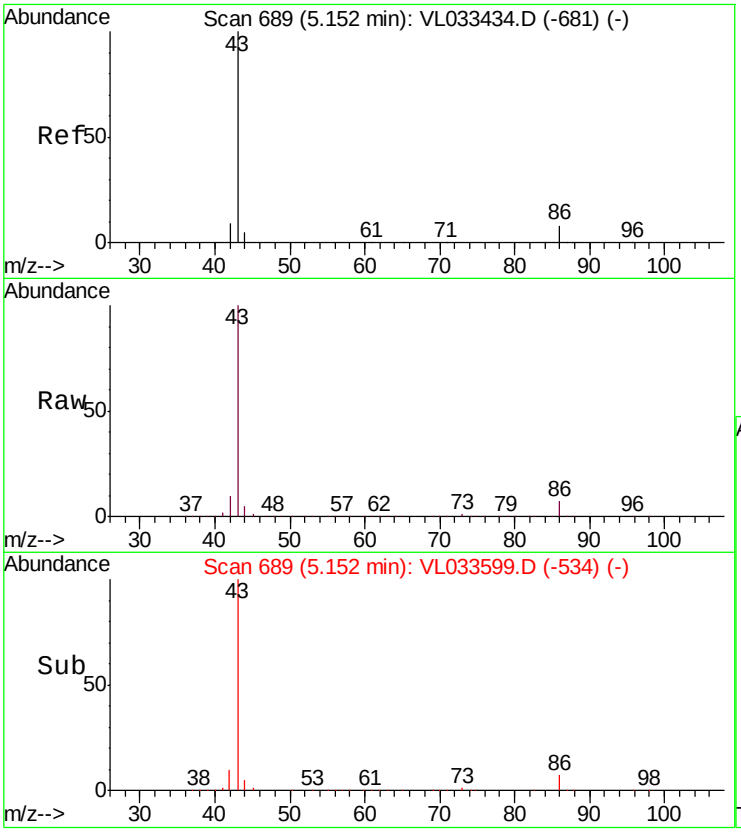


#22
trans-1,2-Dichloroethene
Concen: 9.528 ppbv
RT: 4.96 min Scan# 629
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Tgt Ion: 96 Resp: 459087

Ion	Ratio	Lower	Upper
96	100		
61	158.3	128.9	193.3
98	66.8	49.5	74.3



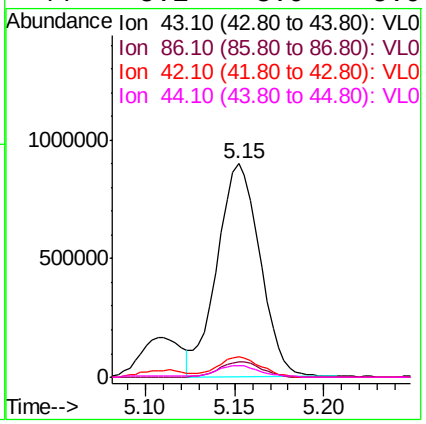


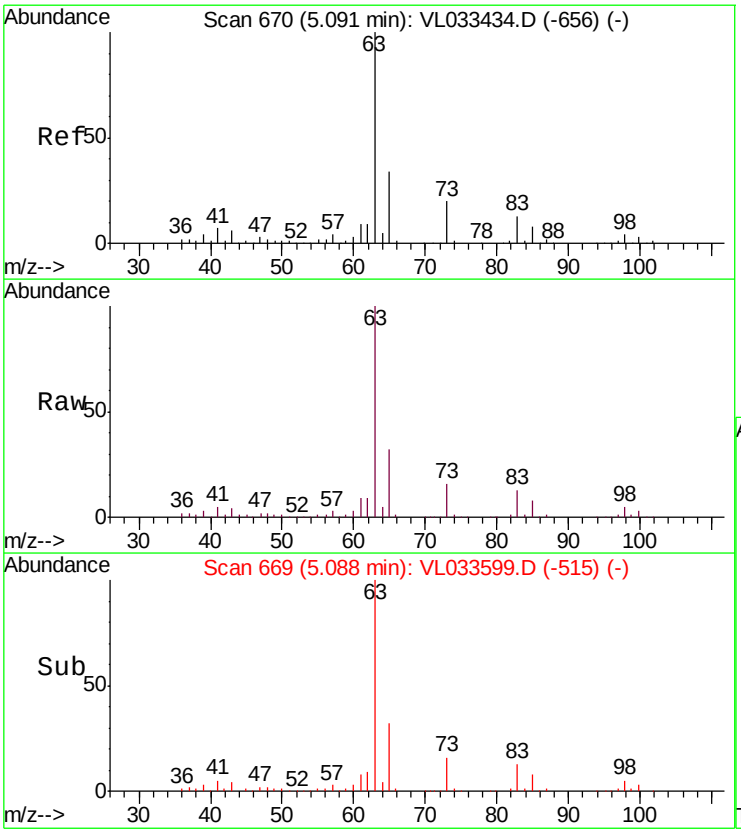
#23
Vinyl Acetate
Concen: 9.805 ppbv
RT: 5.15 min Scan# 689
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 43 Resp: 1494413

Ion	Ratio	Lower	Upper
43	100		
86	7.4	5.6	8.4
42	9.7	8.0	12.0
44	5.1	3.9	5.9

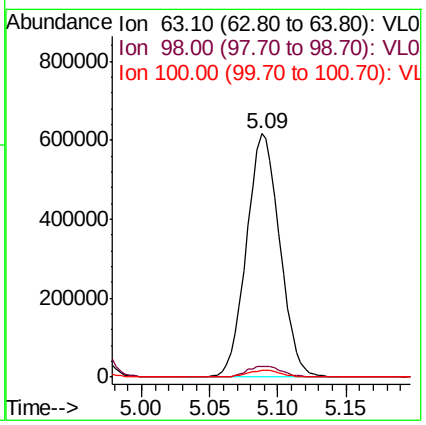


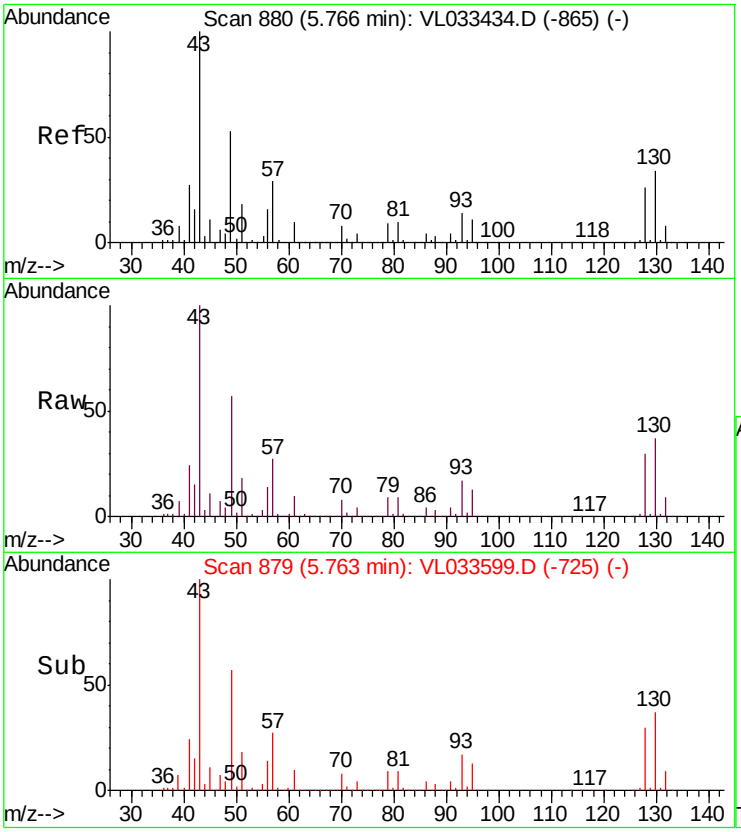


#24
1,1-Dichloroethane
Concen: 8.989 ppbv
RT: 5.09 min Scan# 669
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Tgt Ion: 63 Resp: 1040778

Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.2	6.6
100	2.9	1.5	4.4



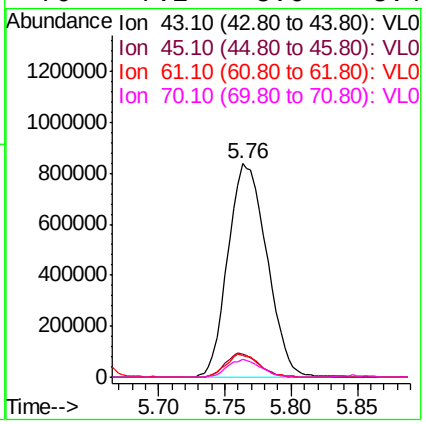


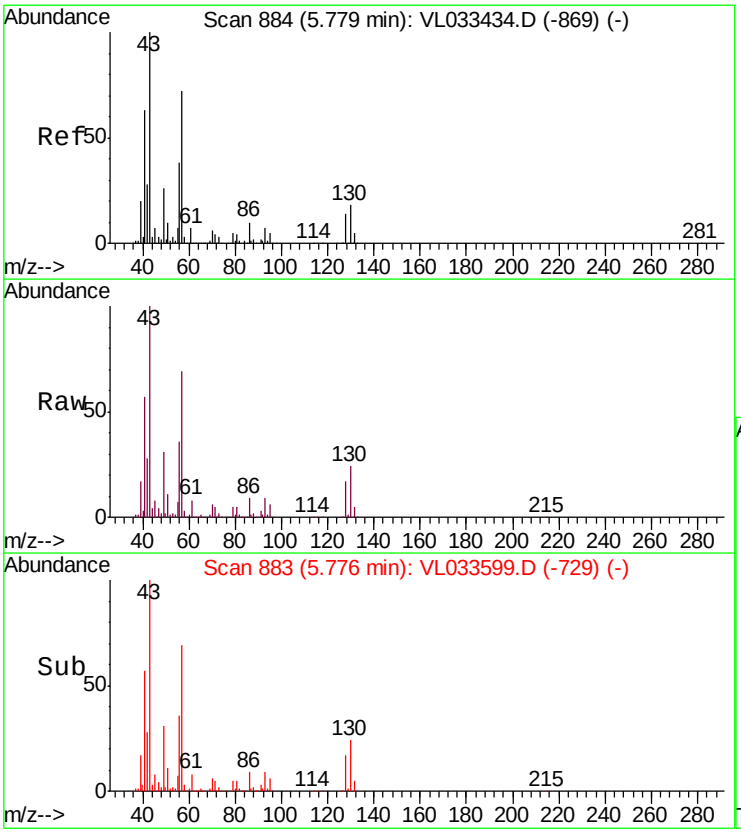
#25
Ethyl Acetate
Concen: 8.630 ppbv
RT: 5.76 min Scan# 879
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1714578

Ion	Ratio	Lower	Upper
43	100		
45	9.9	7.8	11.6
61	9.2	7.3	10.9
70	7.2	5.6	8.4

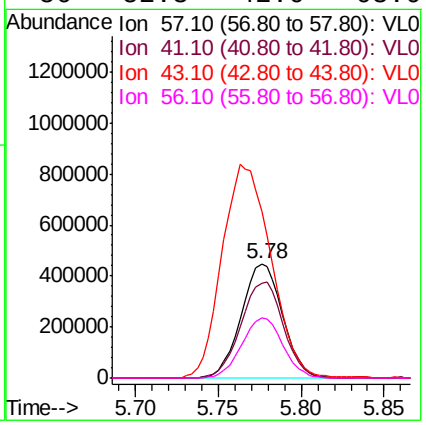


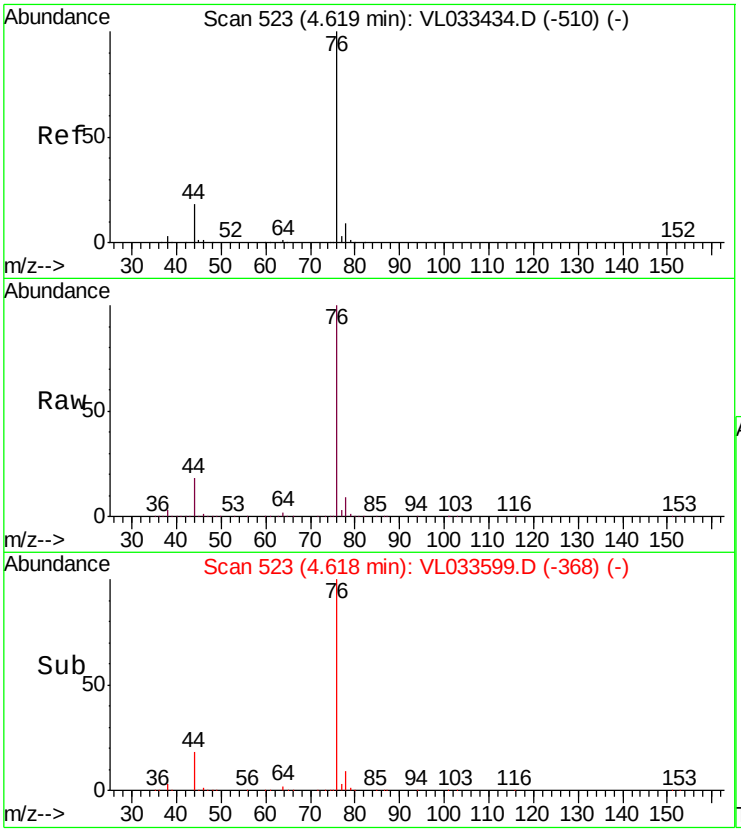


#26
Hexane
Concen: 8.806 ppbv
RT: 5.78 min Scan# 883
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Tgt Ion: 57 Resp: 777938

Ion	Ratio	Lower	Upper
57	100		
41	86.5	70.7	106.1
43	221.7	182.6	274.0
56	52.3	42.0	63.0



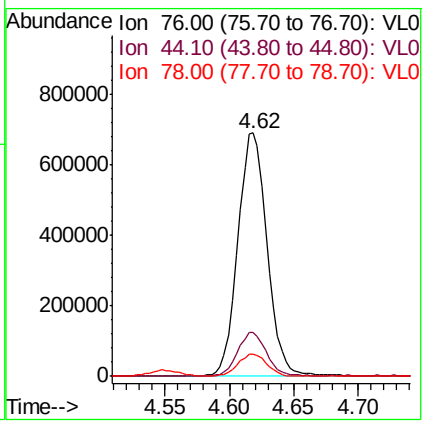


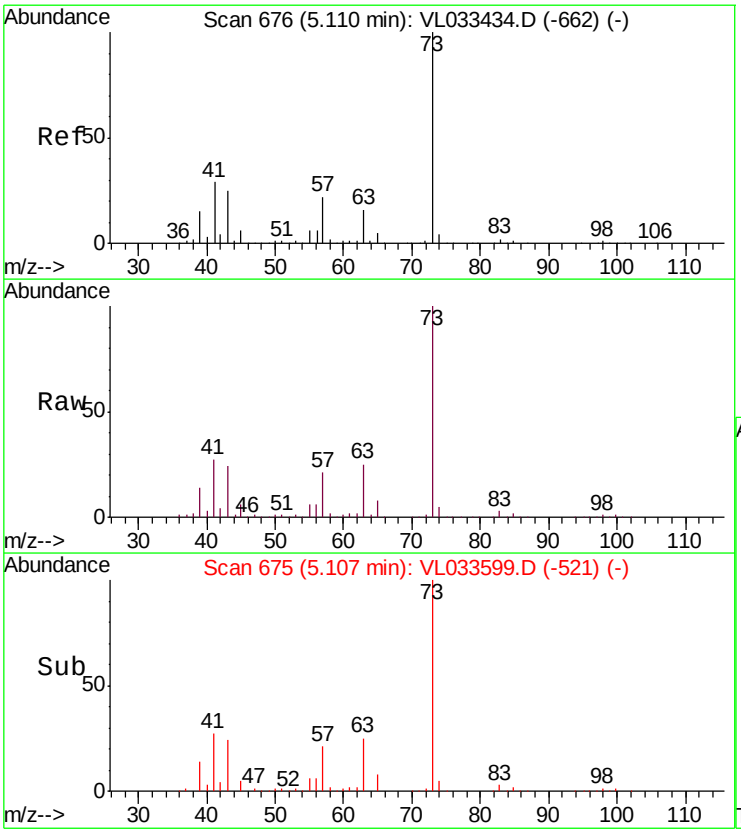
#27
Carbon Disulfide
Concen: 10.375 ppbv
RT: 4.62 min Scan# 523
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 76 Resp: 1089875

Ion	Ratio	Lower	Upper
76	100		
44	17.6	14.8	22.2
78	9.0	7.6	11.4

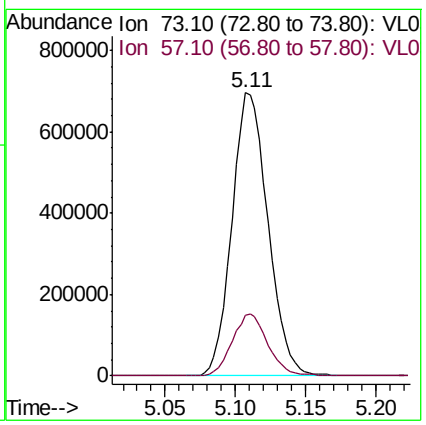


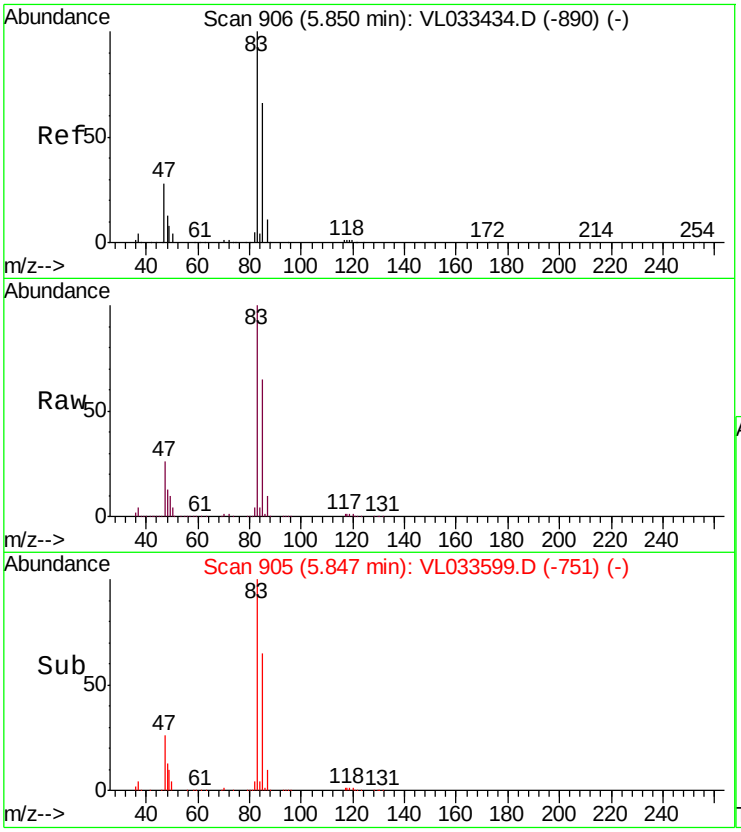


#28
Methyl tert-Butyl Ether
Concen: 9.794 ppbv
RT: 5.11 min Scan# 675
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Tgt Ion: 73 Resp: 1246118

Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.4	26.2



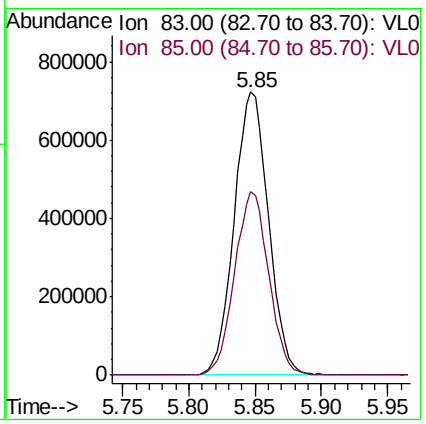


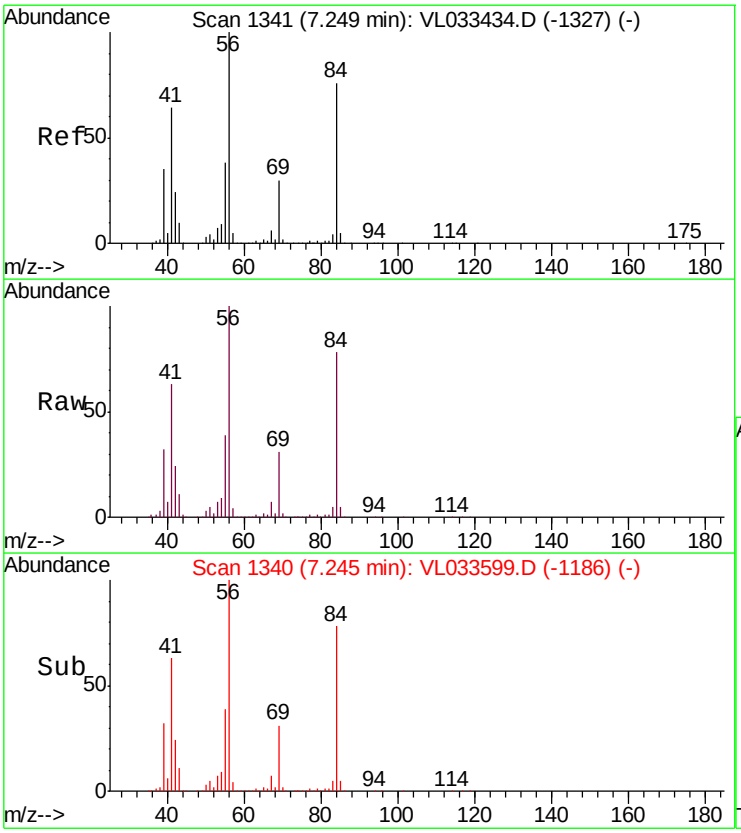
#29
Chloroform
Concen: 8.569 ppbv
RT: 5.85 min Scan# 905
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1297563

Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.6	79.0

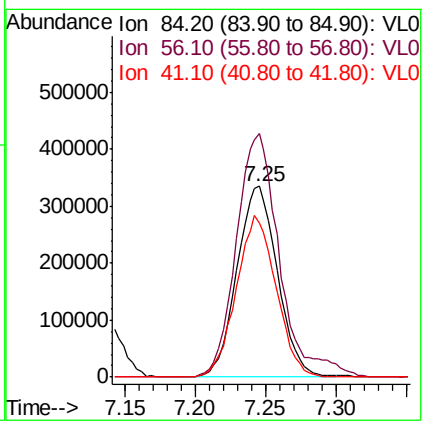


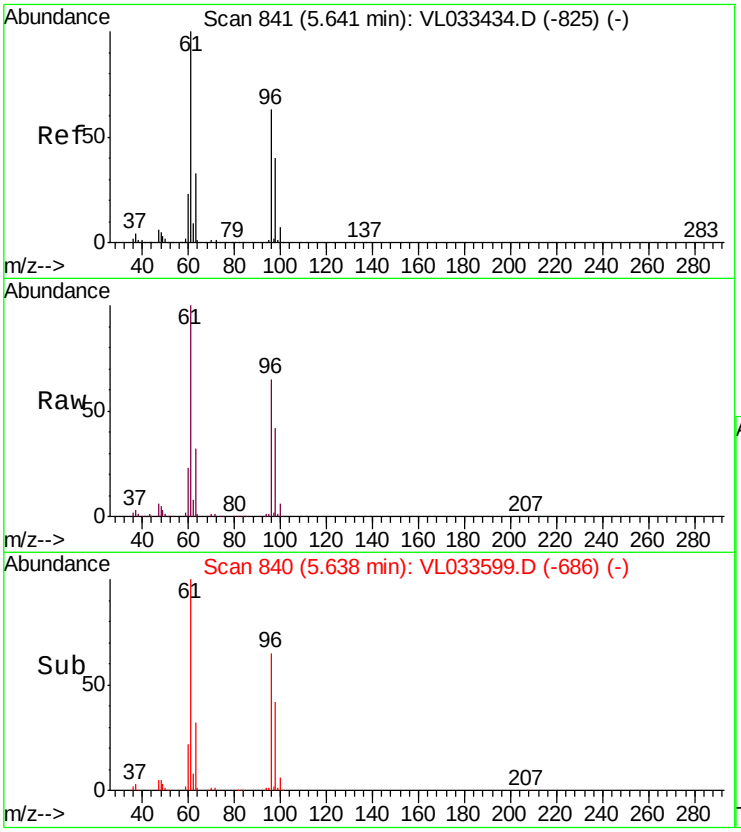


#30
Cyclohexane
Concen: 9.676 ppbv
RT: 7.25 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Tgt Ion: 84 Resp: 676221

Ion	Ratio	Lower	Upper
84	100		
56	135.6	109.7	164.5
41	82.9	68.2	102.2



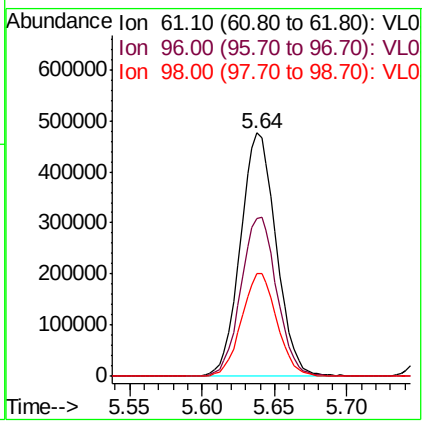


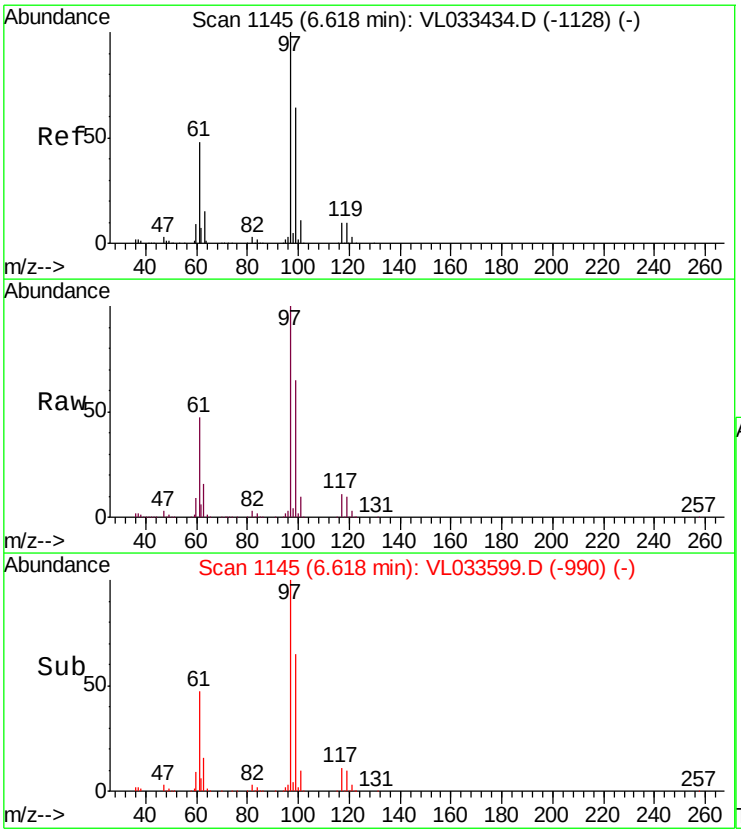
#31
cis-1,2-Dichloroethene
Concen: 9.292 ppbv
RT: 5.64 min Scan# 840
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 61 Resp: 816125

Ion	Ratio	Lower	Upper
61	100		
96	64.9	50.6	76.0
98	42.3	32.2	48.2

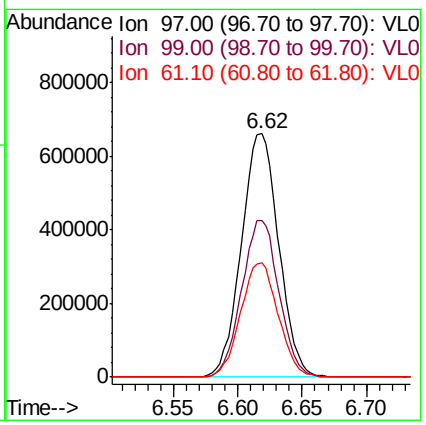


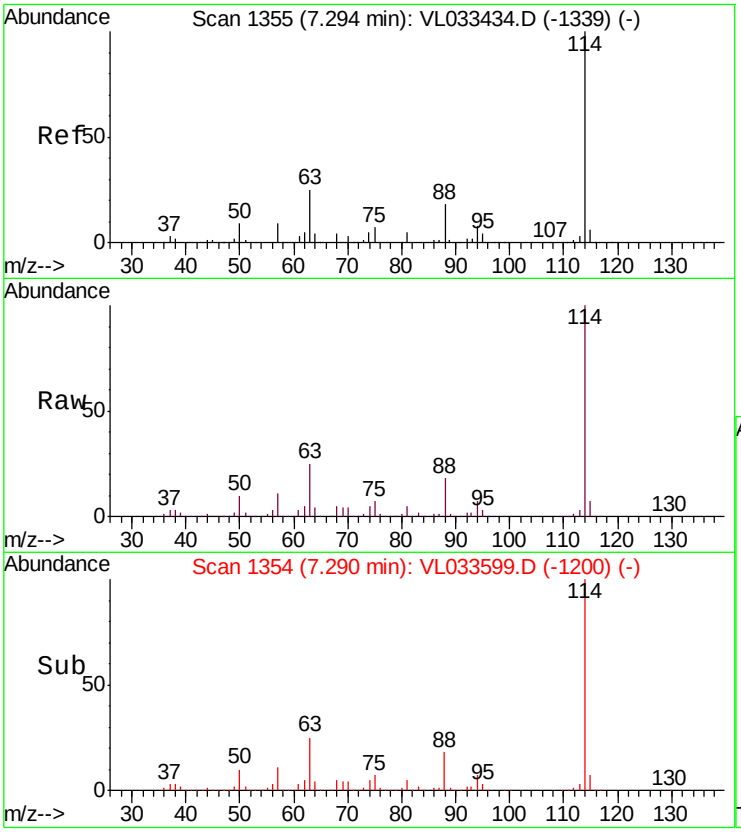


#32
1,1,1-Trichloroethane
Concen: 9.244 ppbv
RT: 6.62 min Scan# 1145
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Tgt Ion: 97 Resp: 1333014

Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.5	77.3
61	47.3	38.8	58.2



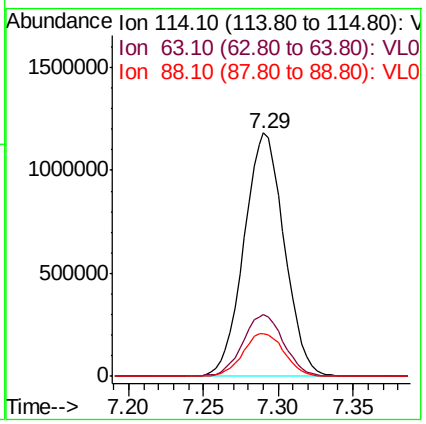


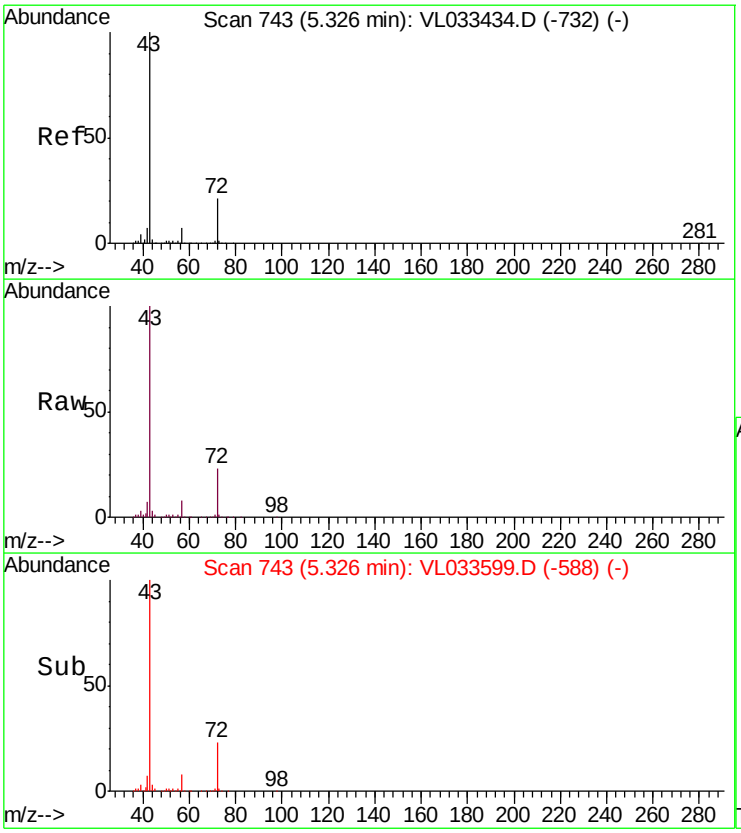
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:114 Resp: 2212220

Ion	Ratio	Lower	Upper
114	100		
63	26.1	21.5	32.3
88	18.1	14.5	21.7

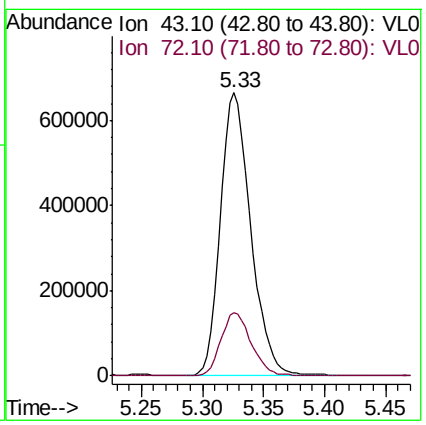


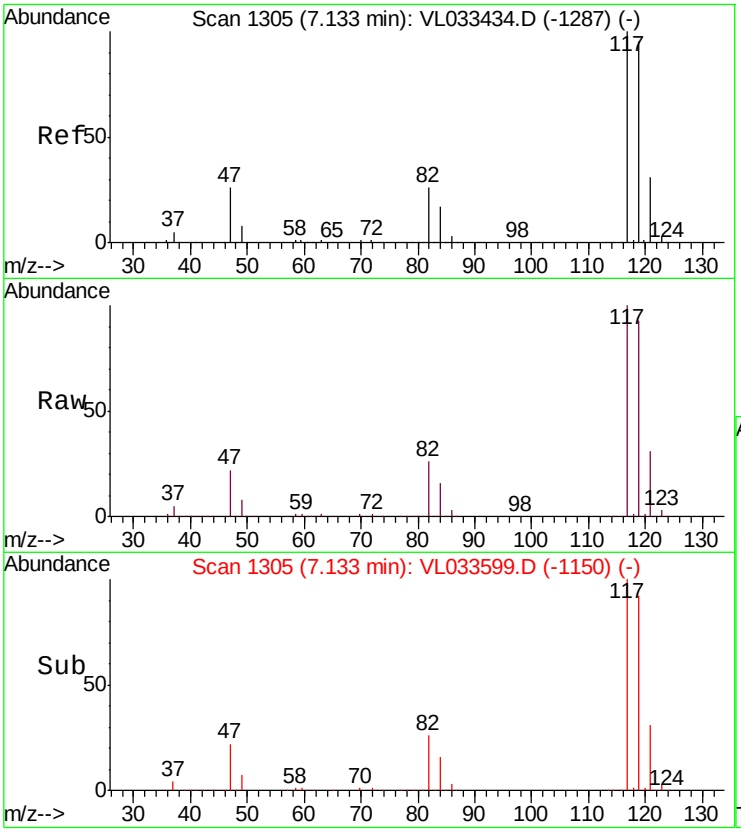


#34
2-Butanone
Concen: 8.732 ppbv
RT: 5.33 min Scan# 743
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Tgt Ion: 43 Resp: 1160603

Ion	Ratio	Lower	Upper
43	100		
72	22.5	17.4	26.2



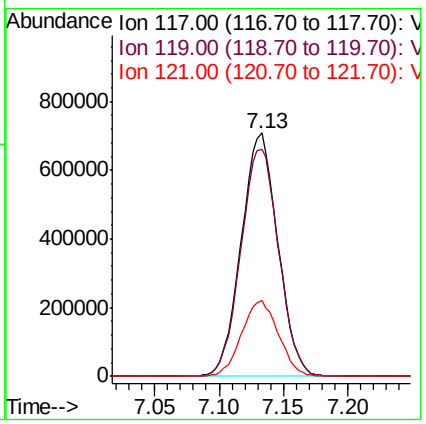


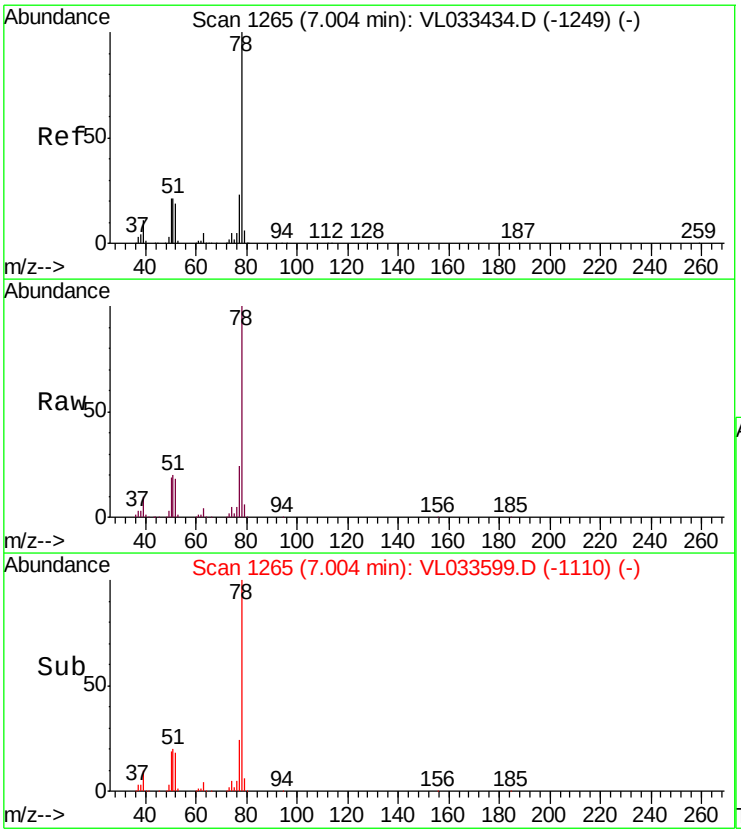
#35
Carbon Tetrachloride
Concen: 8.954 ppbv
RT: 7.13 min Scan# 1305
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 1402969

Ion	Ratio	Lower	Upper
117	100		
119	93.2	75.8	113.8
121	31.3	24.7	37.1

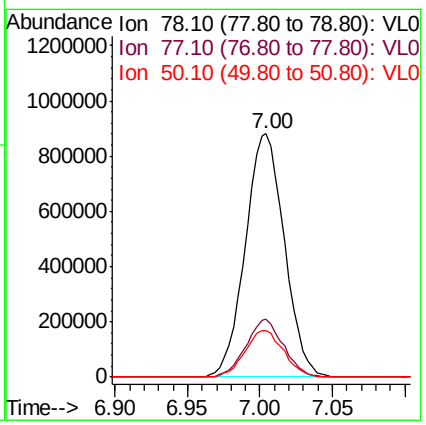


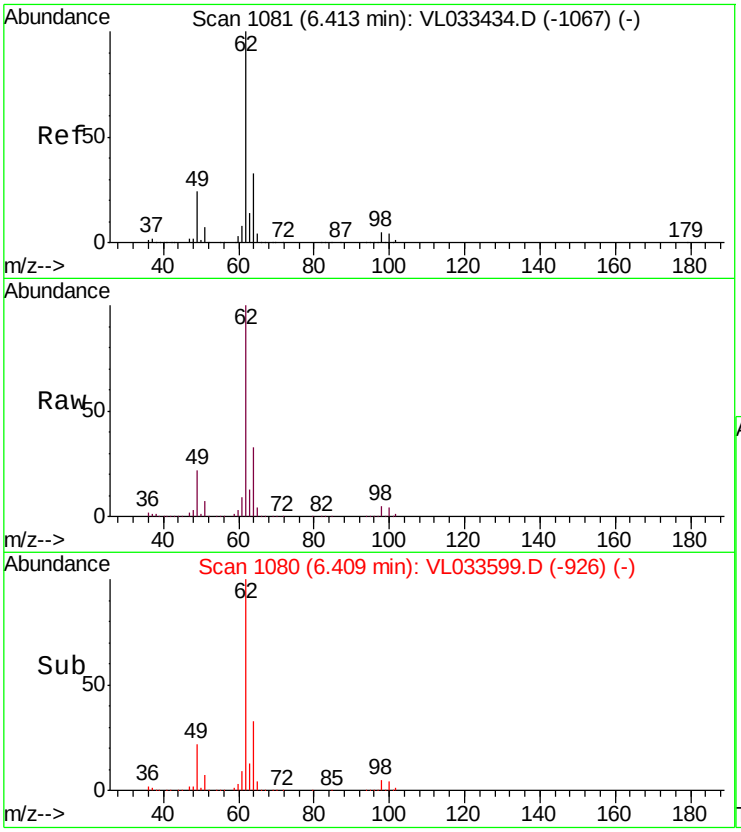


#36
Benzene
Concen: 8.895 ppbv
RT: 7.00 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Tgt Ion: 78 Resp: 1651059

Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.1	27.1
50	19.0	16.7	25.1



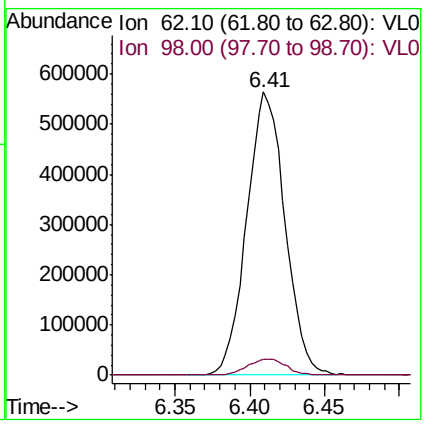


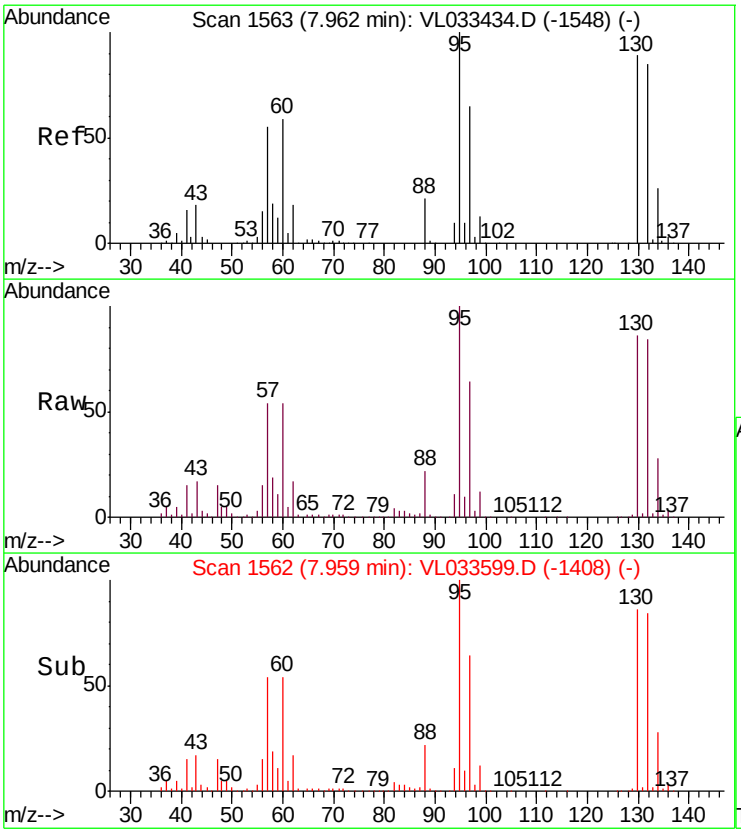
#37
1,2-Dichloroethane
Concen: 8.064 ppbv
RT: 6.41 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 1003278

Ion	Ratio	Lower	Upper
62	100		
98	5.9	4.4	6.6

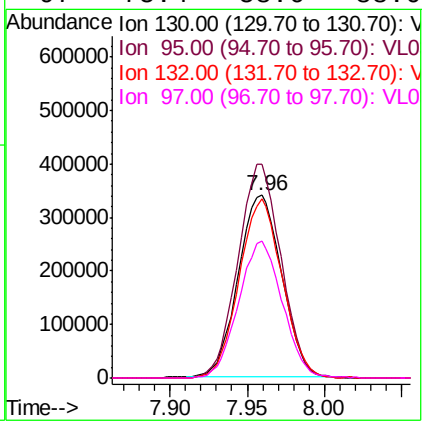


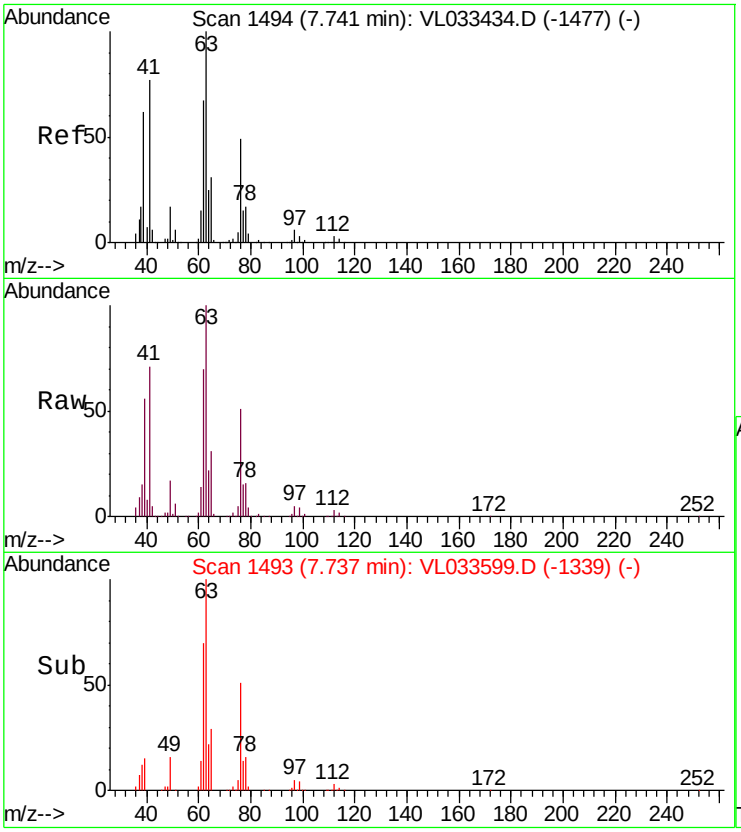


#38
Trichloroethene
Concen: 9.553 ppbv
RT: 7.96 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Tgt Ion:130 Resp: 667351

Ion	Ratio	Lower	Upper
130	100		
95	117.3	89.8	134.8
132	98.7	76.6	115.0
97	75.4	58.6	88.0



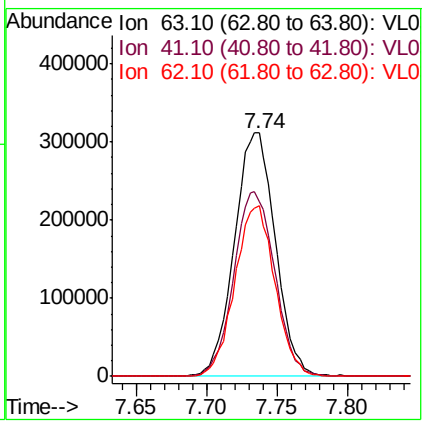


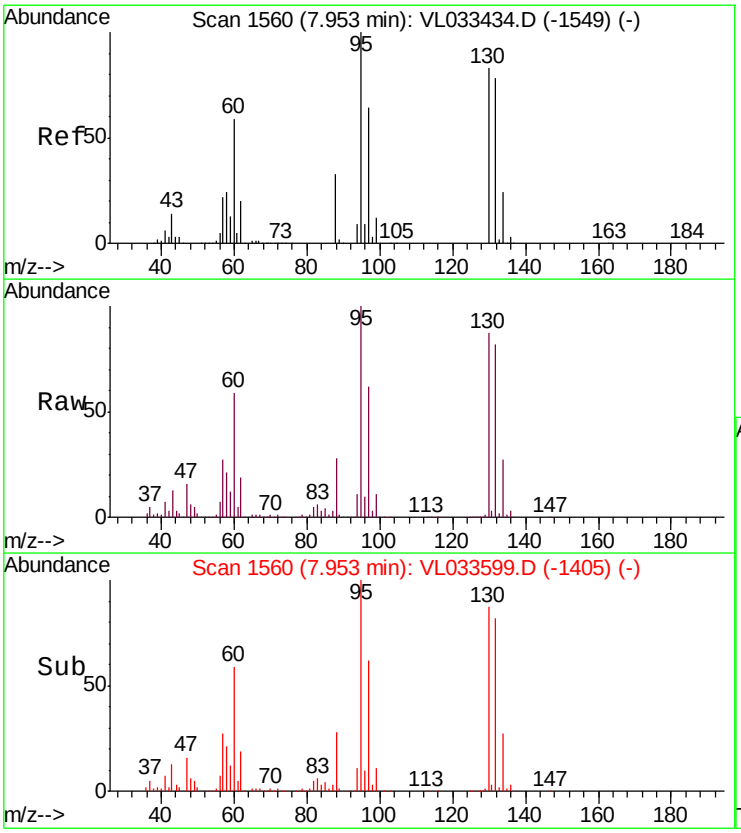
#39
1,2-Dichloropropane
Concen: 8.726 ppbv
RT: 7.74 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 63 Resp: 634510

Ion	Ratio	Lower	Upper
63	100		
41	71.3	61.2	91.8
62	69.8	54.0	81.0

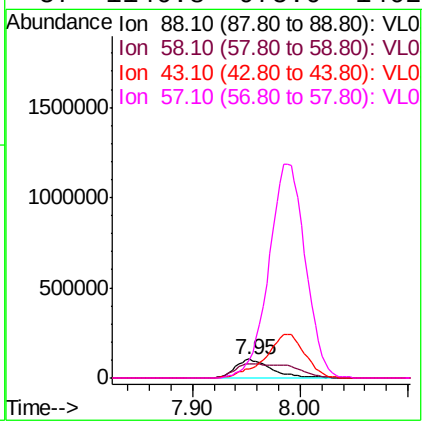


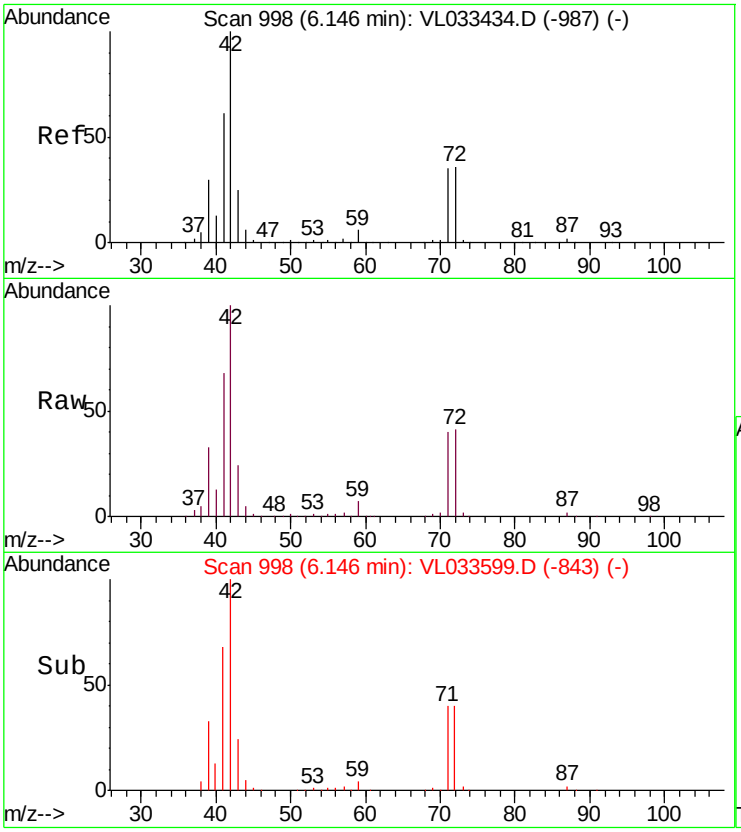


#40
1,4-Dioxane
Concen: 9.365 ppbv
RT: 7.95 min Scan# 1560
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Tgt Ion: 88 Resp: 242885

Ion	Ratio	Lower	Upper
88	100		
58	126.3	105.6	158.4
43	252.8	216.7	325.1
57	1146.8	975.0	1462.4



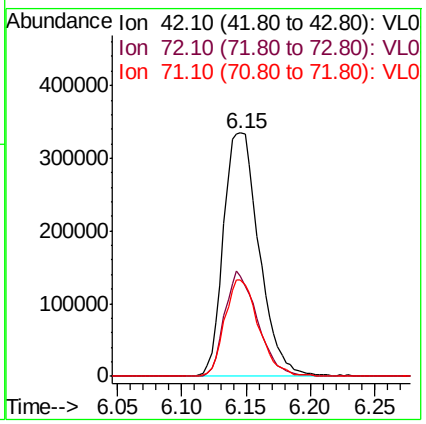


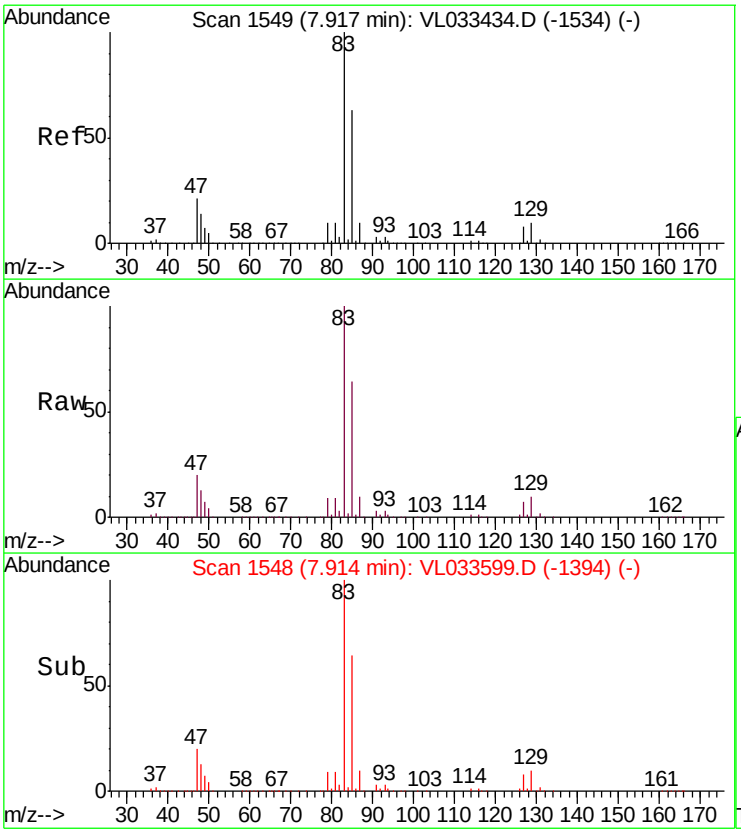
#41
Tetrahydrofuran
Concen: 8.833 ppbv
RT: 6.15 min Scan# 998
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 645720

Ion	Ratio	Lower	Upper
42	100		
72	39.8	30.2	45.2
71	38.0	29.4	44.2

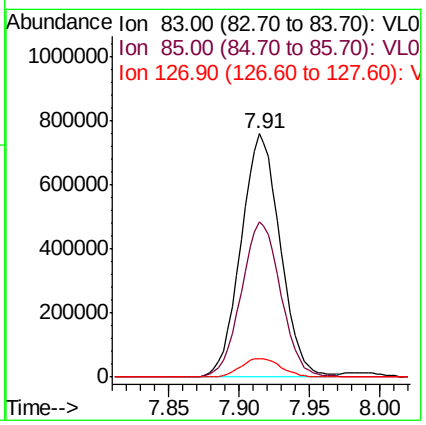


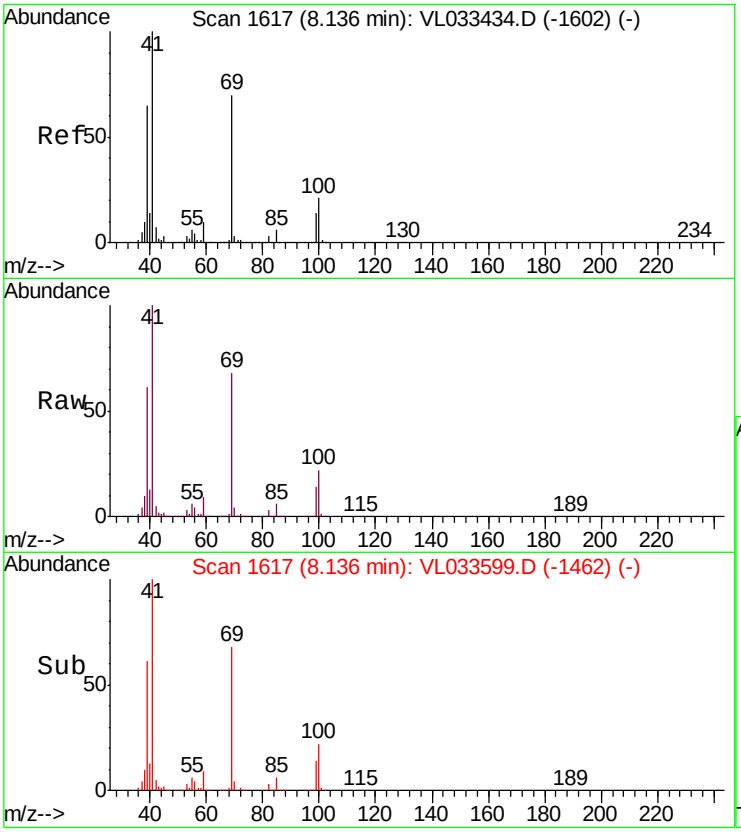


#42
Bromodichloromethane
Concen: 8.741 ppbv
RT: 7.91 min Scan# 1548
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Tgt Ion: 83 Resp: 1481249

Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.7	76.1
127	7.5	6.6	9.8



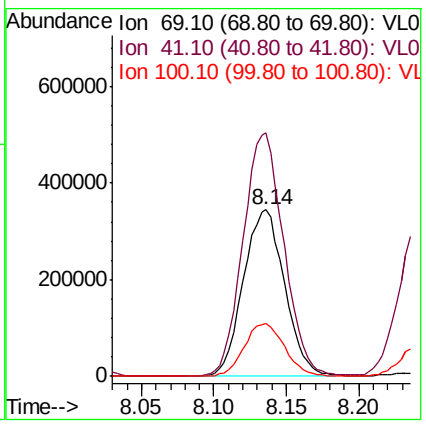


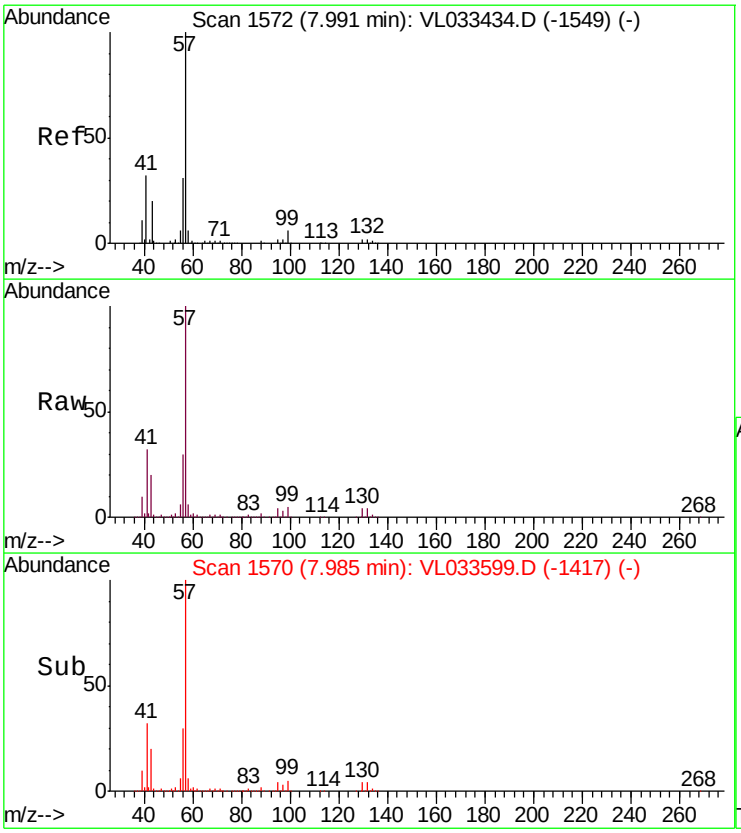
#43
Methyl Methacrylate
Concen: 9.070 ppbv
RT: 8.14 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 69 Resp: 683641

Ion	Ratio	Lower	Upper
69	100		
41	144.0	116.6	174.8
100	31.3	24.4	36.6

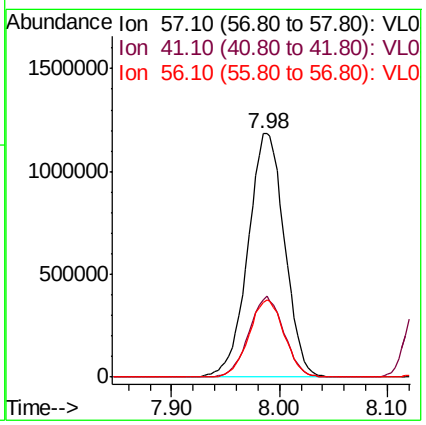


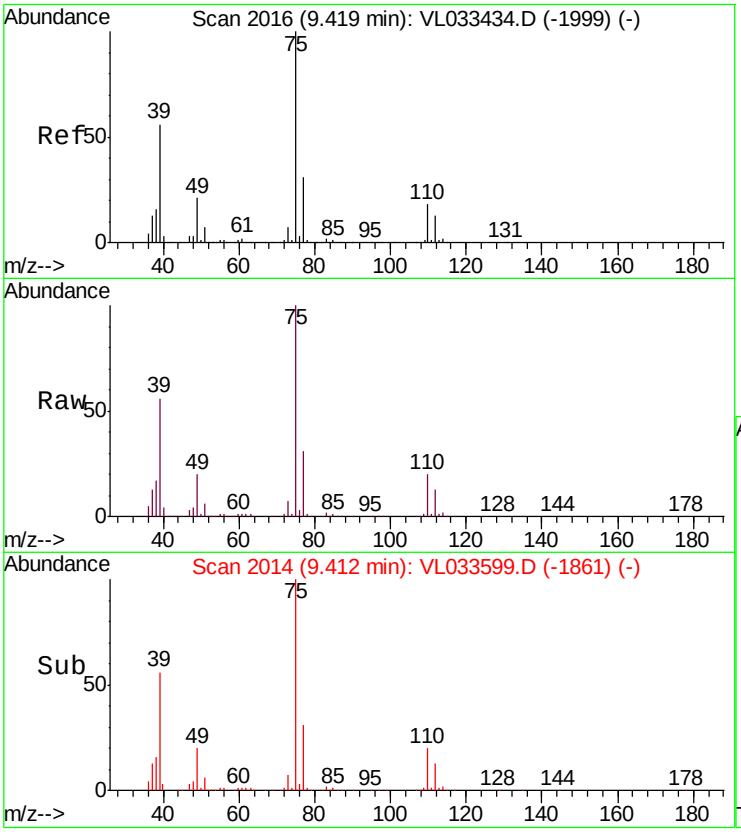


#44
2,2,4-Trimethylpentane
Concen: 8.580 ppbv
RT: 7.98 min Scan# 1570
Delta R.T. -0.01 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Tgt Ion: 57 Resp: 2783028

Ion	Ratio	Lower	Upper
57	100		
41	31.7	26.0	39.0
56	30.7	24.6	37.0



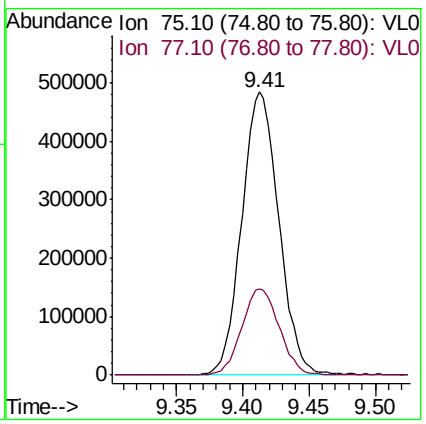


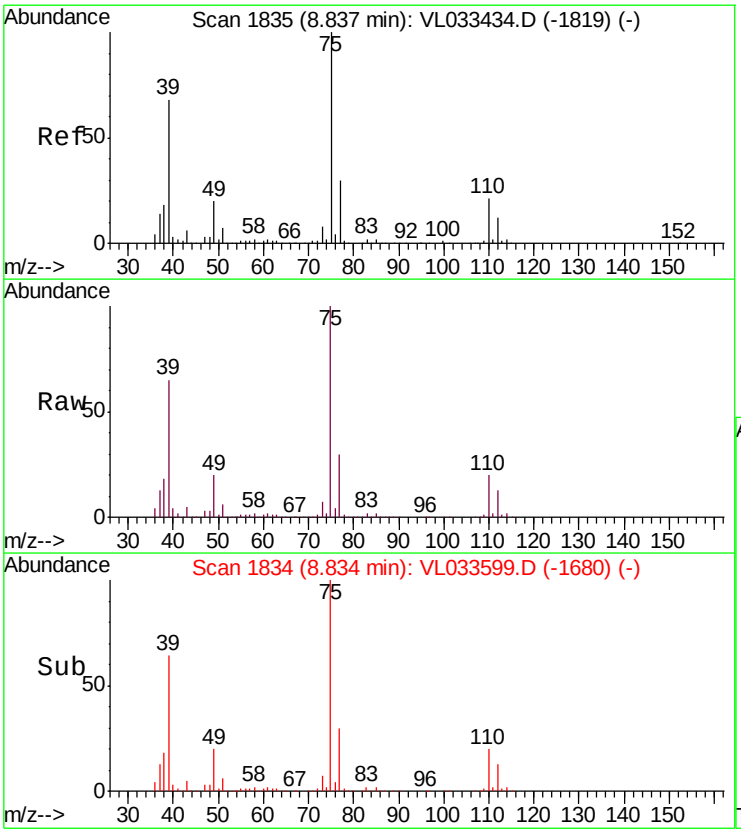
#45
t-1,3-Dichloropropene
Concen: 10.146 ppbv
RT: 9.41 min Scan# 2014
Delta R.T. -0.01 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 938864

Ion	Ratio	Lower	Upper
75	100		
77	30.5	24.5	36.7

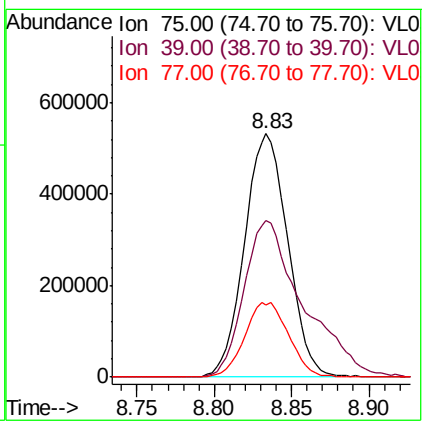


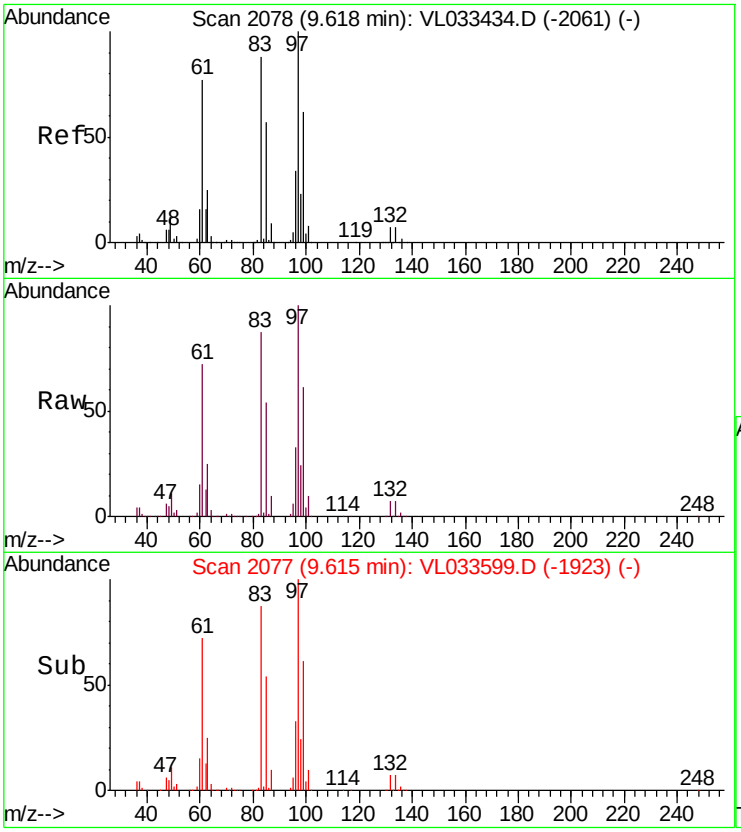


#46
cis-1,3-Dichloropropene
Concen: 9.563 ppbv
RT: 8.83 min Scan# 1834
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Tgt Ion: 75 Resp: 1033416

Ion	Ratio	Lower	Upper
75	100		
39	64.5	54.1	81.1
77	29.7	23.9	35.9



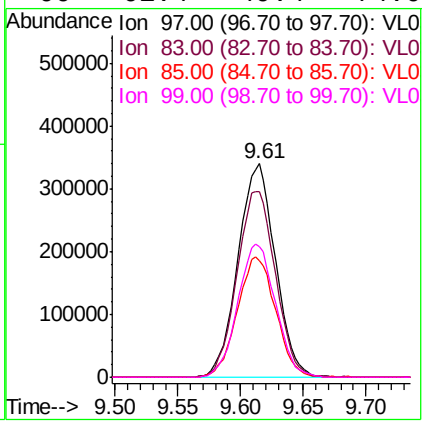


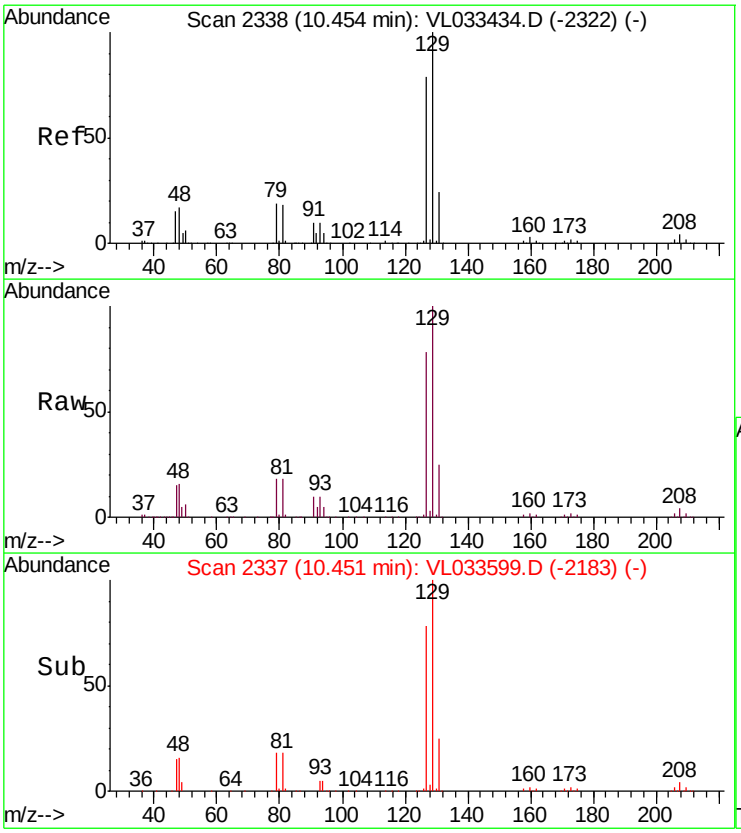
#47
1,1,2-Trichloroethane
Concen: 8.546 ppbv
RT: 9.61 min Scan# 2077
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 97 Resp: 705612

Ion	Ratio	Lower	Upper
97	100		
83	86.9	70.5	105.7
85	54.4	45.6	68.4
99	61.4	49.4	74.0

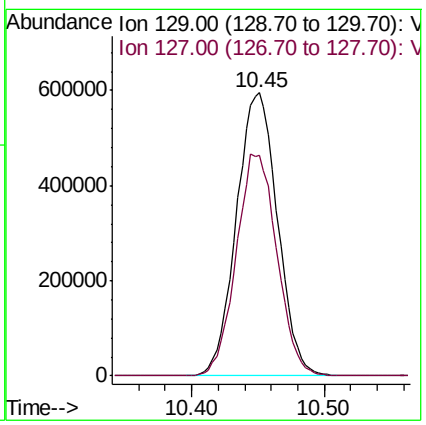


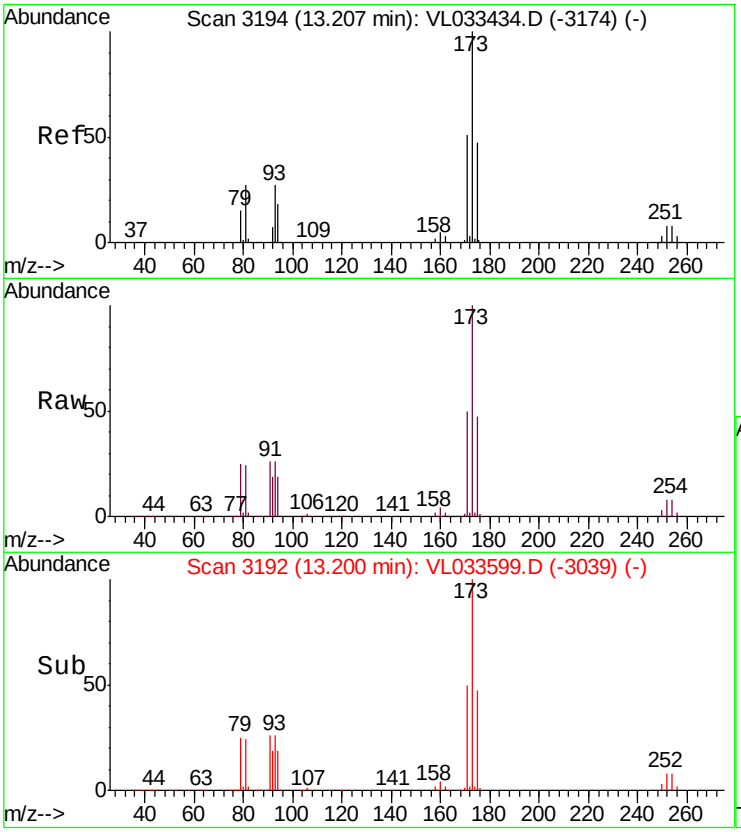


#48
Dibromochloromethane
Concen: 9.207 ppbv
RT: 10.45 min Scan# 2337
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Tgt Ion:129 Resp: 1282267

Ion	Ratio	Lower	Upper
129	100		
127	77.8	39.1	117.2



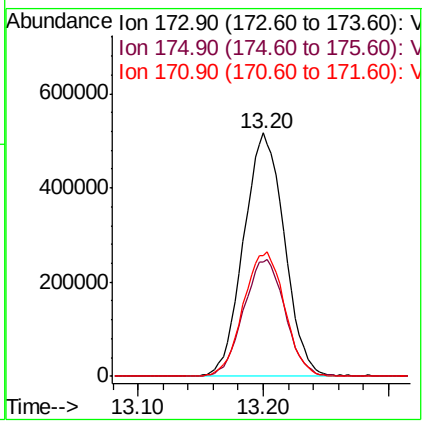


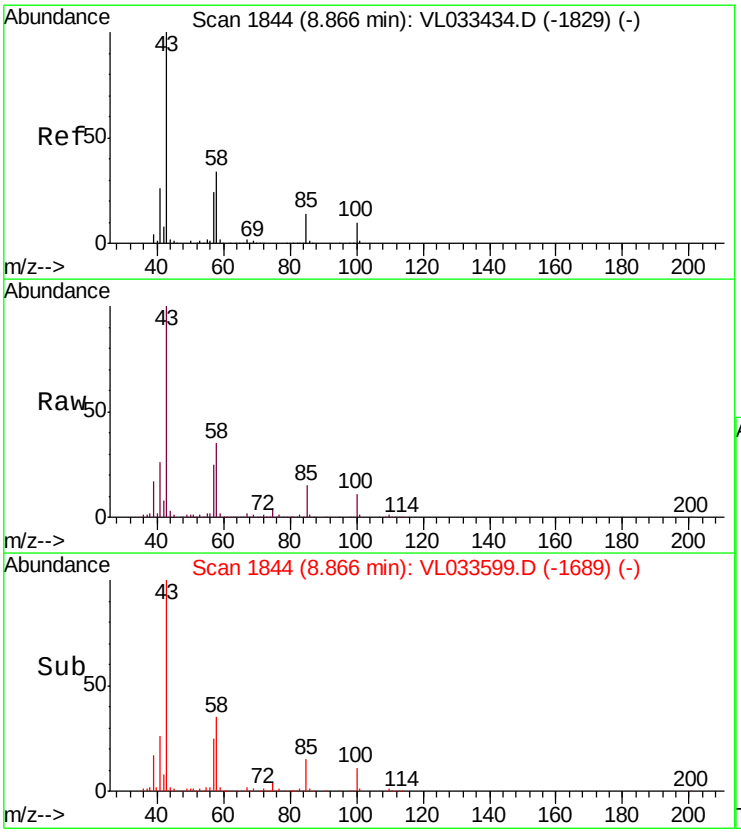
#49
Bromoform
Concen: 8.771 ppbv
RT: 13.20 min Scan# 3192
Delta R.T. -0.01 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 1167012

Ion	Ratio	Lower	Upper
173	100		
175	49.1	39.3	58.9
171	51.8	41.2	61.8

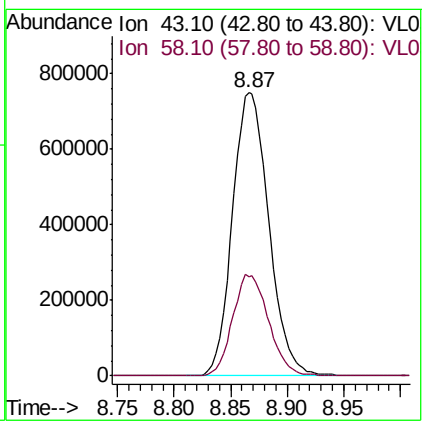


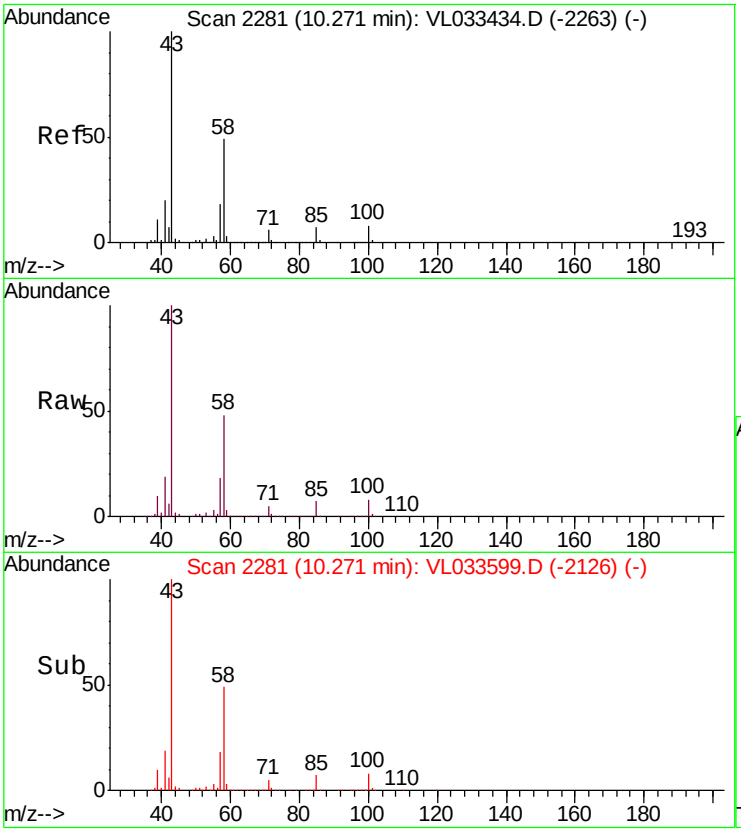


#50
4-Methyl-2-Pentanone
Concen: 8.612 ppbv
RT: 8.87 min Scan# 1844
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Tgt Ion: 43 Resp: 1675991

Ion	Ratio	Lower	Upper
43	100		
58	35.6	28.0	42.0



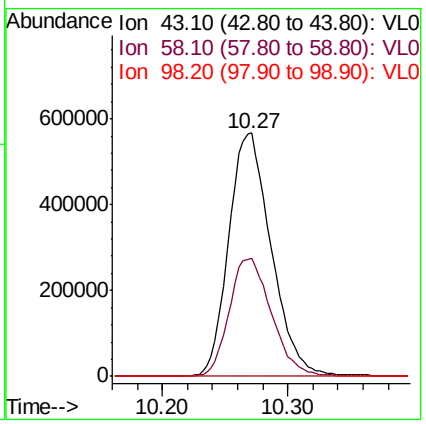


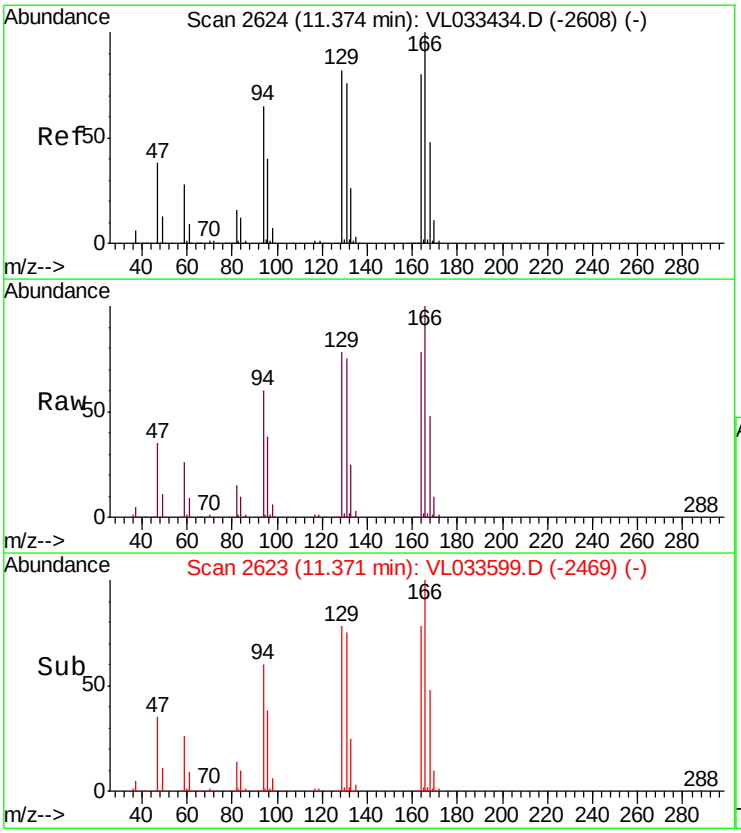
#51
2-Hexanone
Concen: 9.162 ppbv
RT: 10.27 min Scan# 2281
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 43 Resp: 1330078

Ion	Ratio	Lower	Upper
43	100		
58	48.6	38.2	57.2
98	0.3	0.2	0.2#

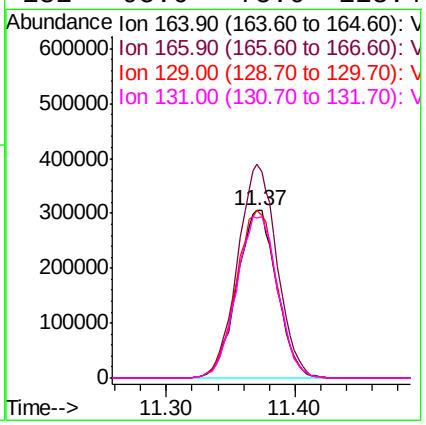


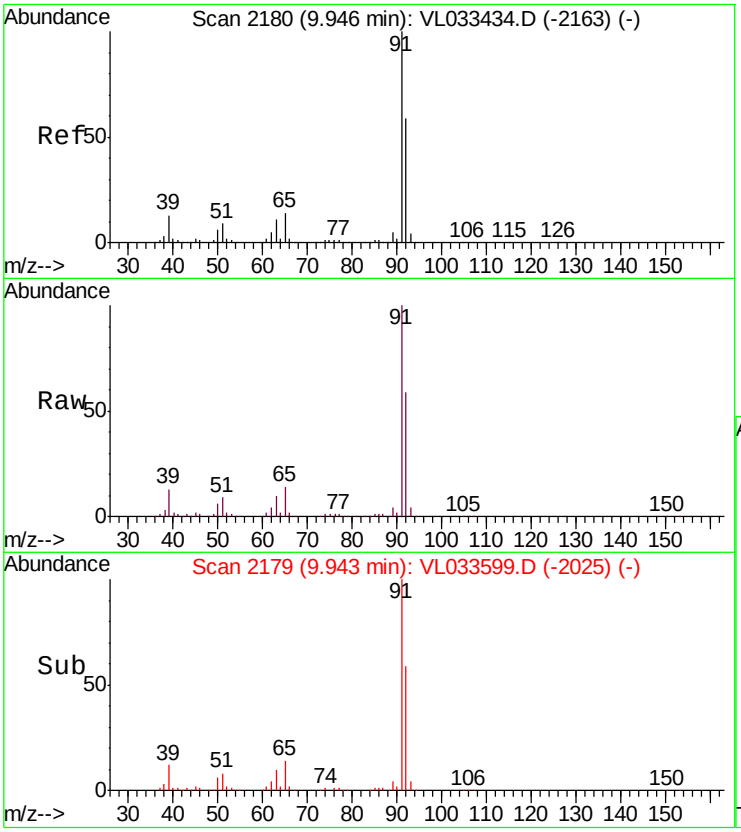


#52
Tetrachloroethene
Concen: 9.374 ppbv
RT: 11.37 min Scan# 2623
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Tgt Ion:164 Resp: 656487

Ion	Ratio	Lower	Upper
164	100		
166	127.3	99.5	149.3
129	99.8	81.4	122.2
131	95.6	75.6	113.4



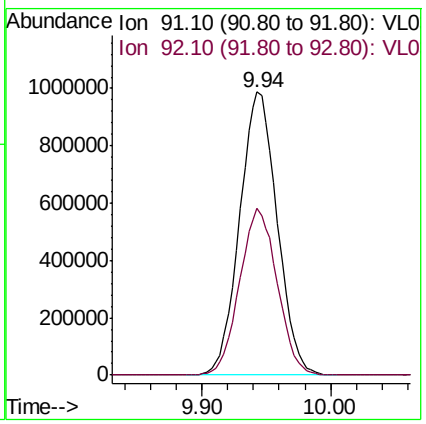


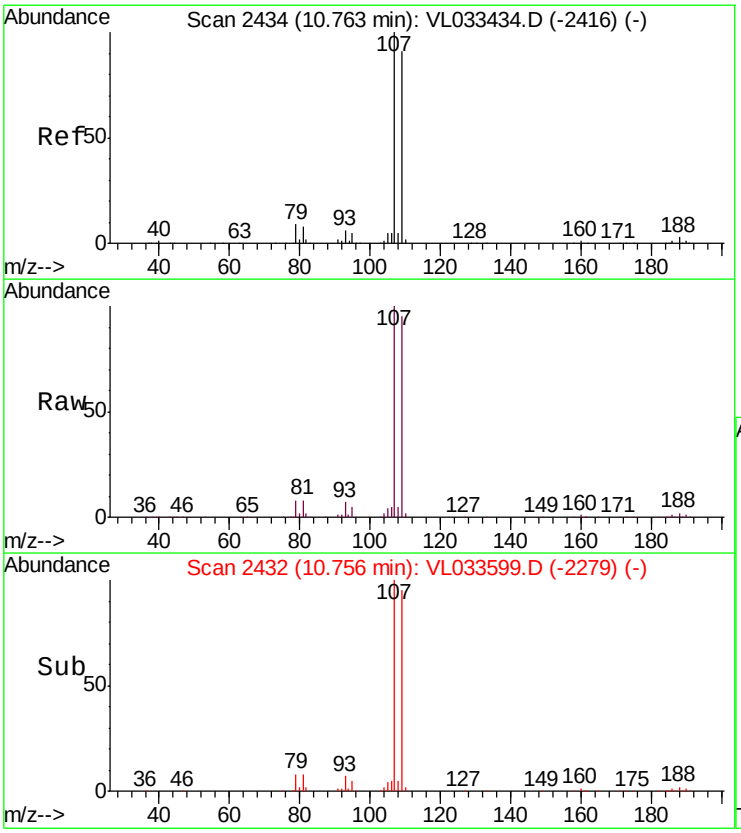
#53
Toluene
Concen: 9.272 ppbv
RT: 9.94 min Scan# 2179
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2000050

Ion	Ratio	Lower	Upper
91	100		
92	59.0	47.4	71.0

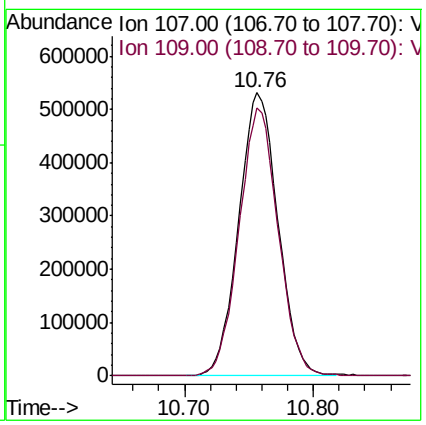


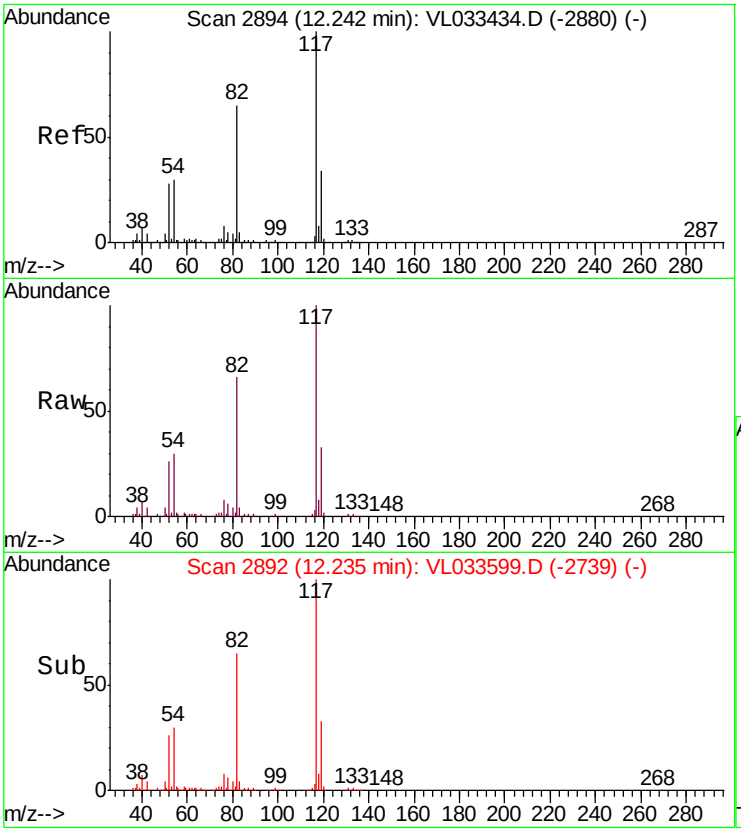


#54
1,2-Dibromoethane
Concen: 8.723 ppbv
RT: 10.76 min Scan# 2432
Delta R.T. -0.01 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Tgt Ion:107 Resp: 1126547

Ion	Ratio	Lower	Upper
107	100		
109	94.7	72.7	109.1



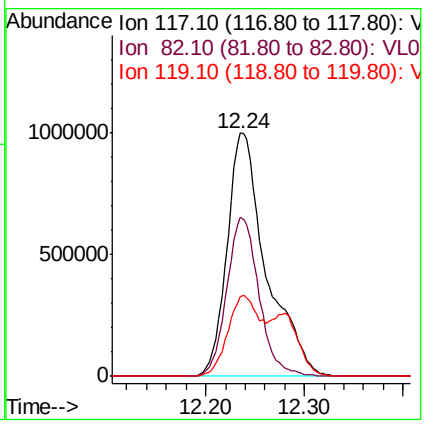


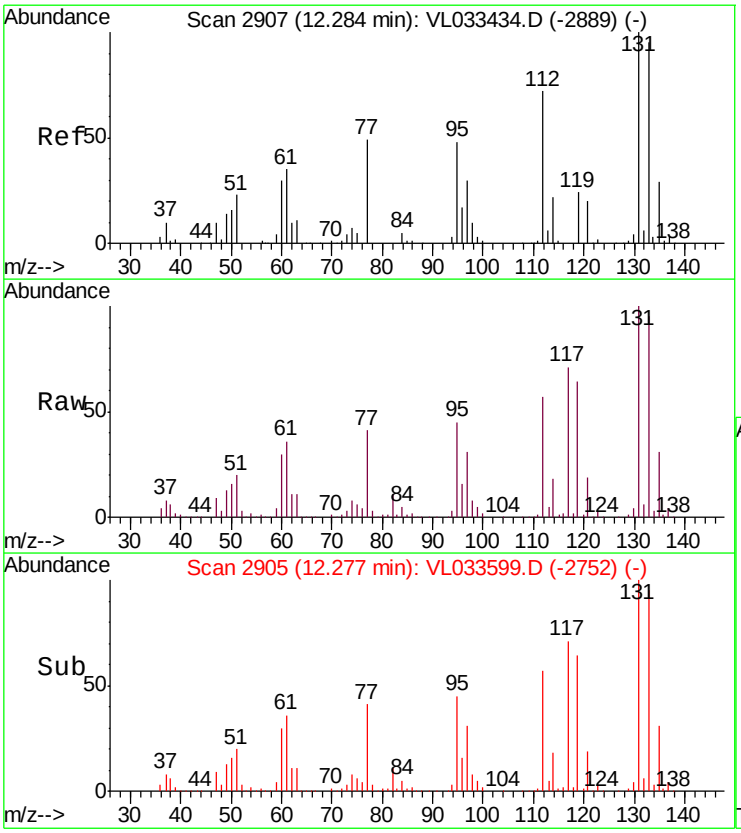
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion:117 Resp: 2762814

Ion	Ratio	Lower	Upper
117	100		
82	53.9	51.5	77.3
119	45.9	25.5	38.3#

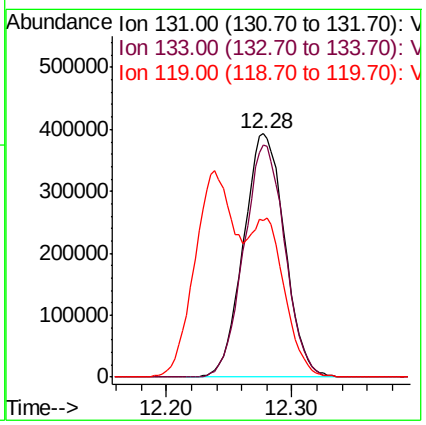


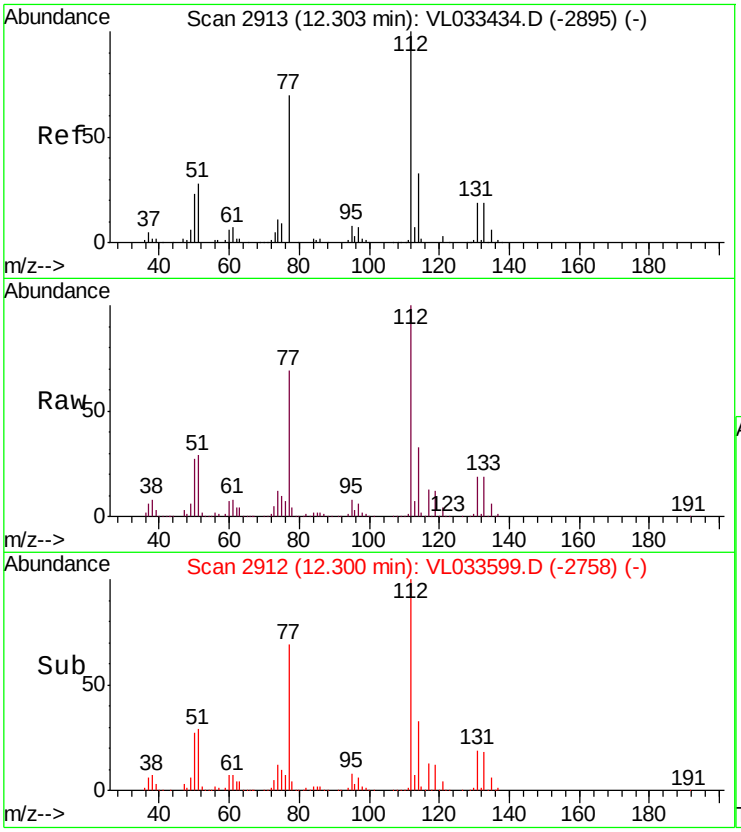


#56
1,1,1,2-Tetrachloroethane
Concen: 7.102 ppbv
RT: 12.28 min Scan# 2905
Delta R.T. -0.01 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Tgt Ion:131 Resp: 899343

Ion	Ratio	Lower	Upper
131	100		
133	95.2	76.2	114.4
119	141.2	45.0	67.6#



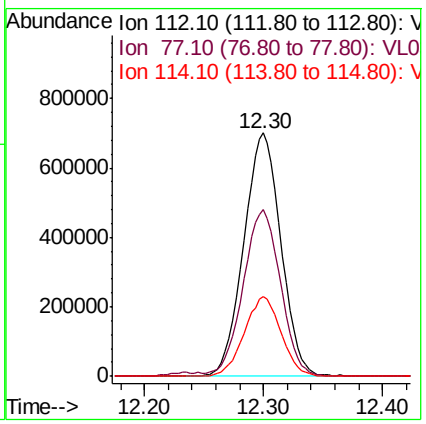


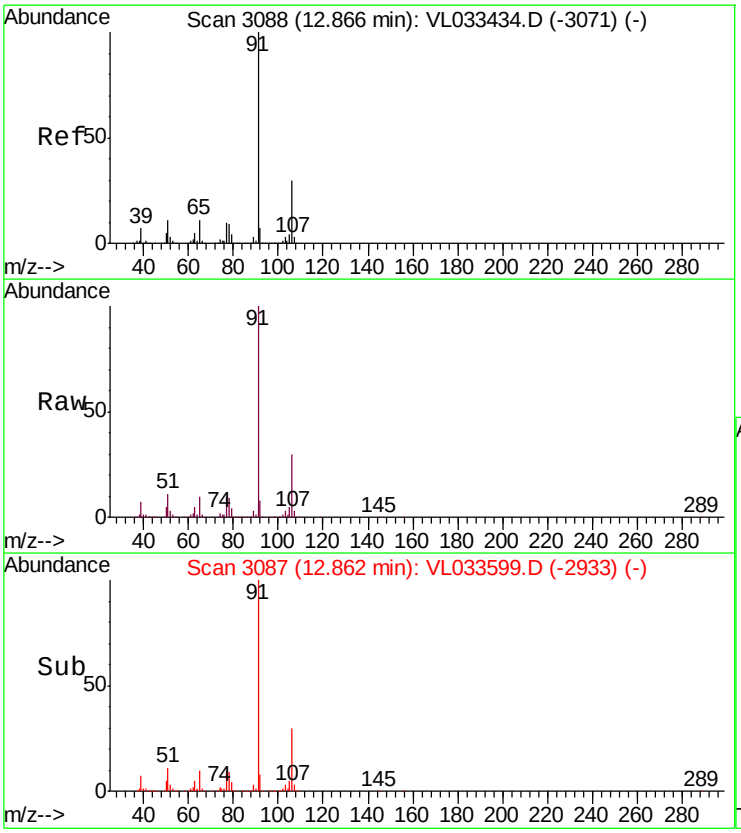
#57
Chlorobenzene
Concen: 7.047 ppbv
RT: 12.30 min Scan# 2912
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 1511782

Ion	Ratio	Lower	Upper
112	100		
77	68.5	57.3	85.9
114	32.5	29.8	36.4

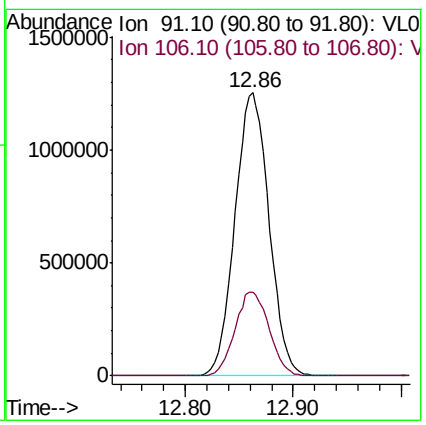


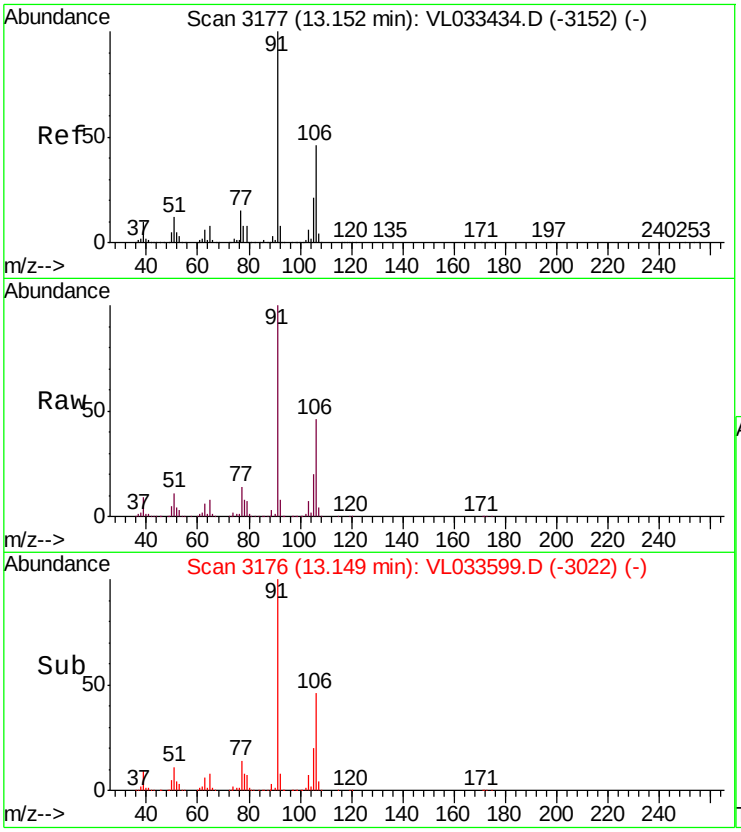


#58
Ethyl Benzene
Concen: 7.473 ppbv
RT: 12.86 min Scan# 3087
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Tgt Ion: 91 Resp: 2757300

Ion	Ratio	Lower	Upper
91	100		
106	29.7	23.8	35.6



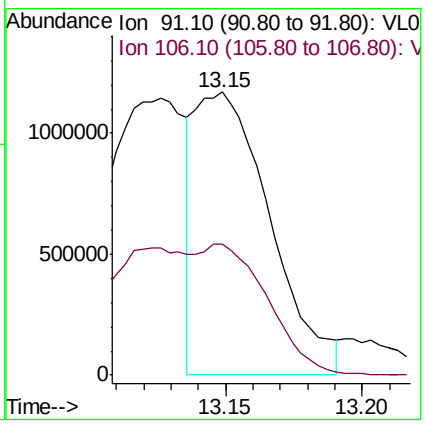


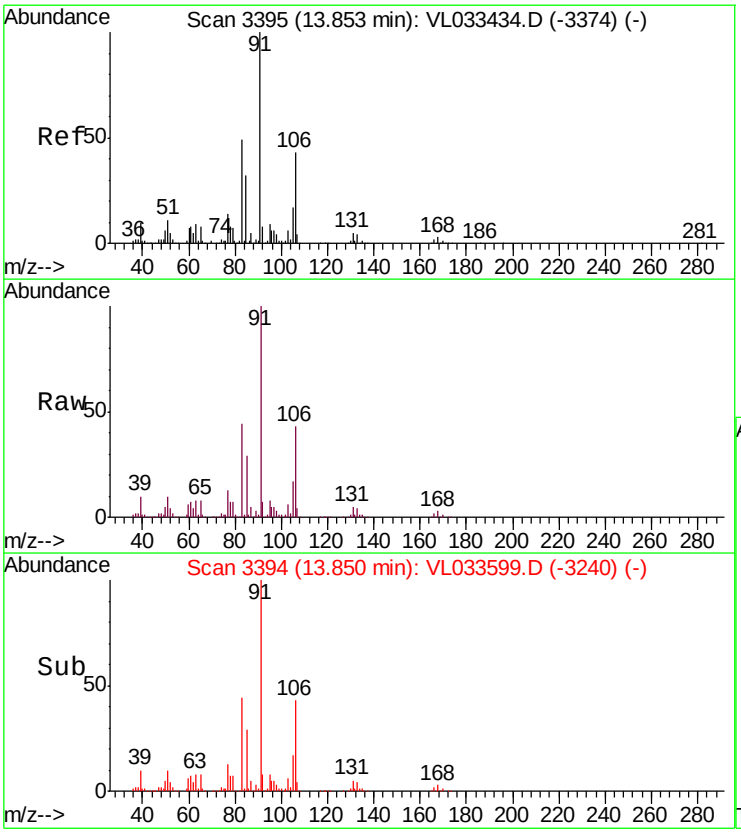
#59
m/p-Xylene
Concen: 6.739 ppbv
RT: 13.15 min Scan# 3176
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2220946

Ion	Ratio	Lower	Upper
91	100		
106	95.3	0.0	0.0#

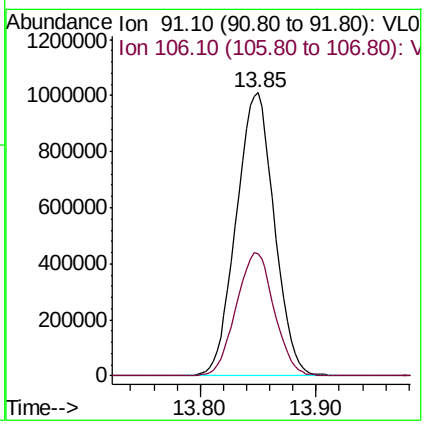


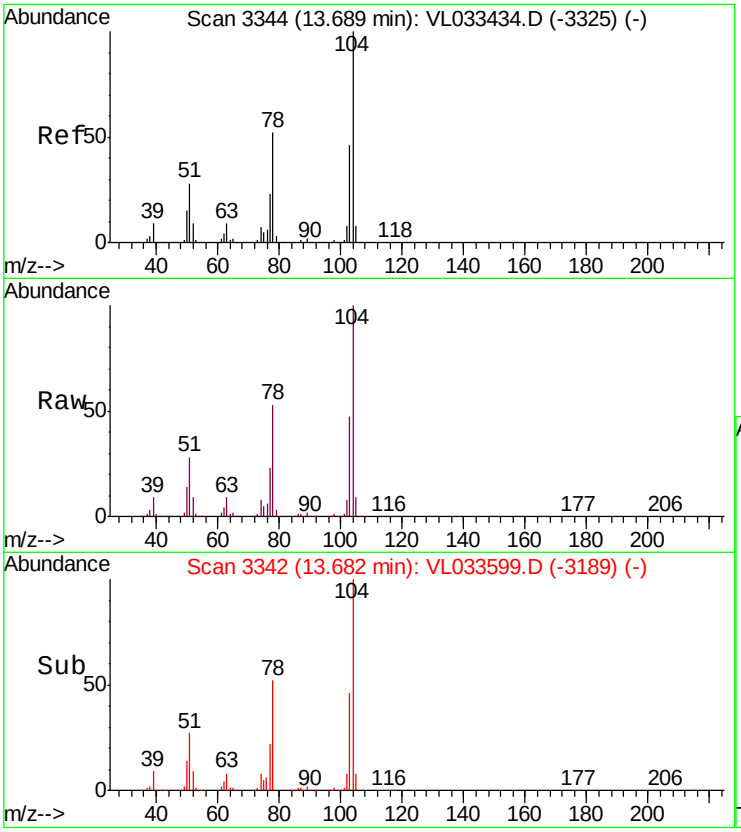


#60
o-Xylene
Concen: 7.246 ppbv
RT: 13.85 min Scan# 3394
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Tgt Ion: 91 Resp: 2309057

Ion	Ratio	Lower	Upper
91	100		
106	43.5	21.4	64.3



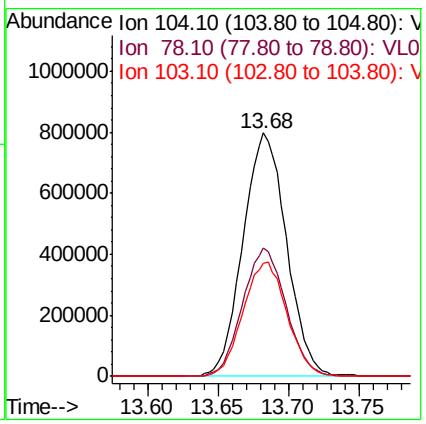


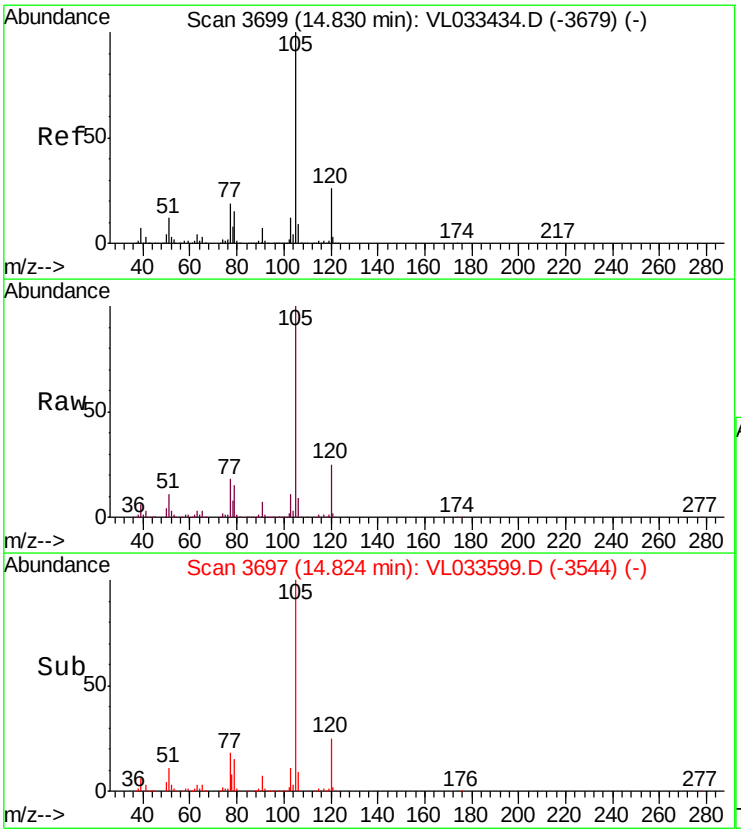
#61
Styrene
Concen: 7.853 ppbv
RT: 13.68 min Scan# 3342
Delta R.T. -0.01 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion:104 Resp: 1717605

Ion	Ratio	Lower	Upper
104	100		
78	52.8	43.2	64.8
103	47.7	37.8	56.8

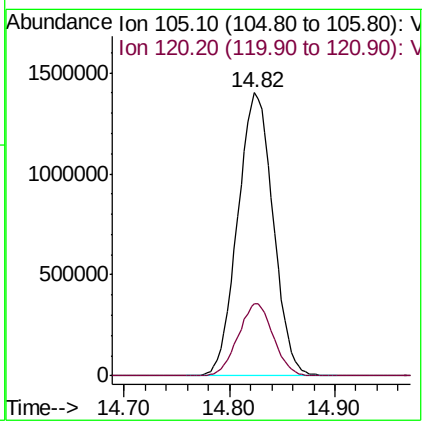


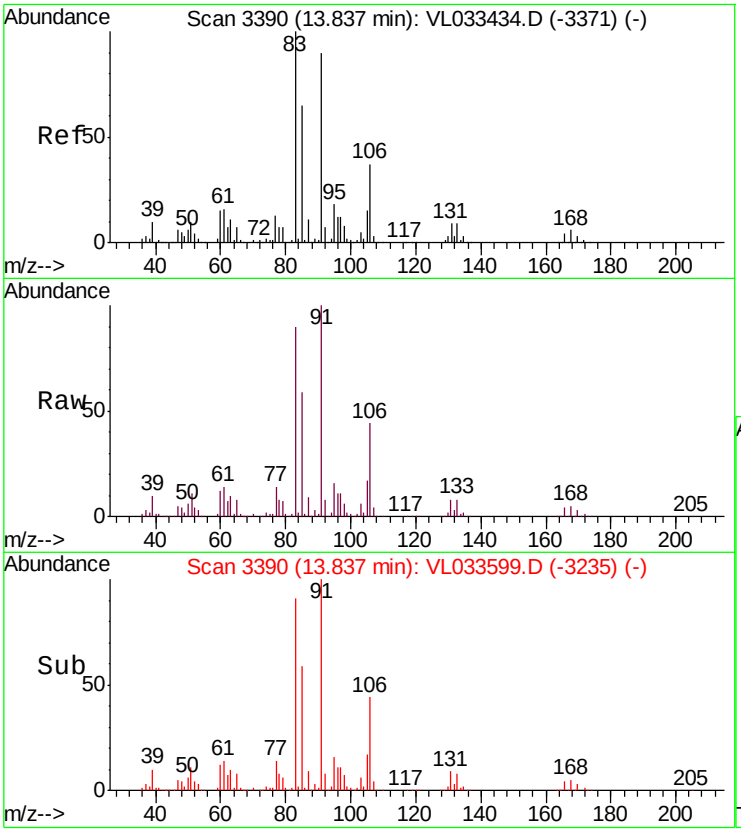


#62
Isopropylbenzene
Concen: 7.270 ppbv
RT: 14.82 min Scan# 3697
Delta R.T. -0.01 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Tgt Ion:105 Resp: 3280888

Ion	Ratio	Lower	Upper
105	100		
120	25.3	20.2	30.2



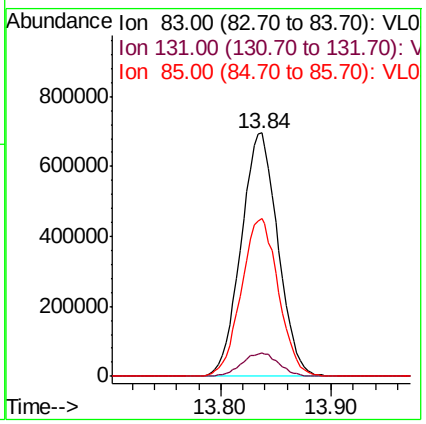


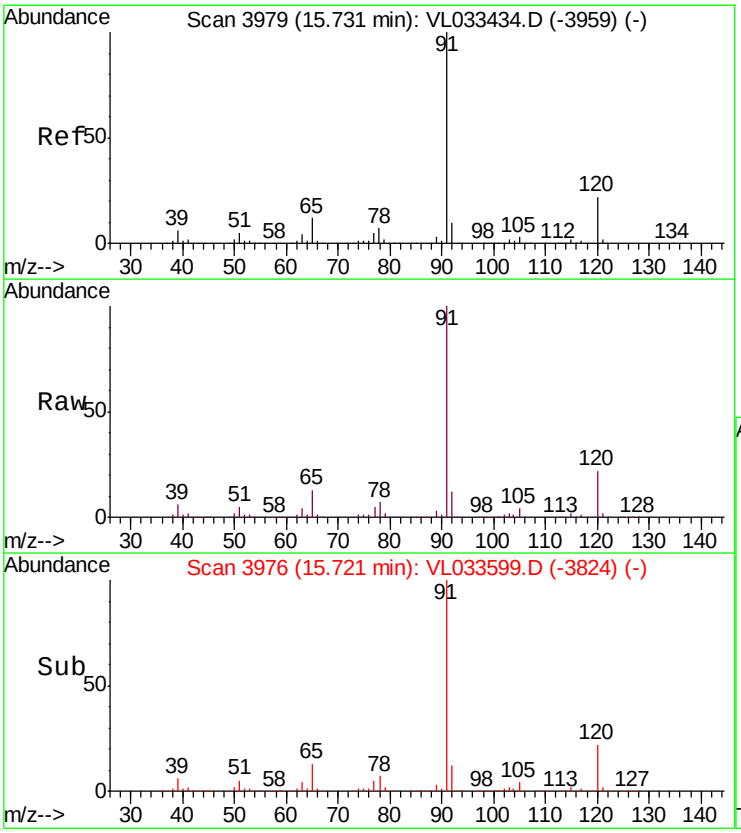
#63
1,1,2,2-Tetrachloroethane
Concen: 6.860 ppbv
RT: 13.84 min Scan# 3390
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1609584

Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.7	14.0
85	65.5	32.7	98.1

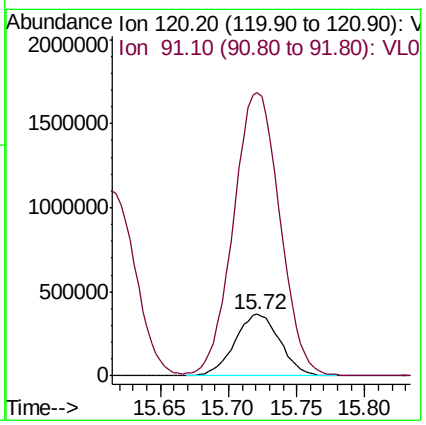


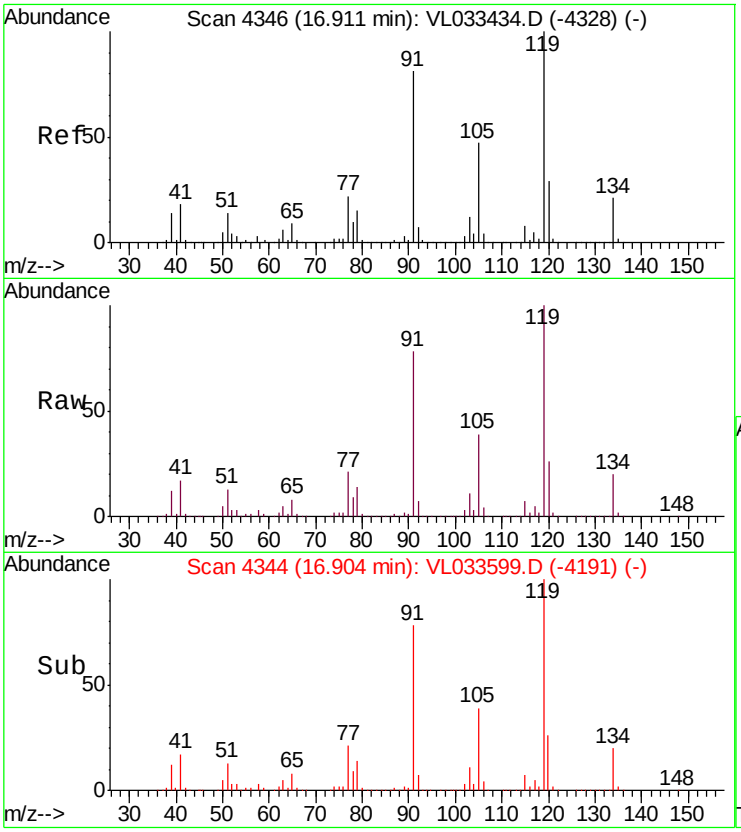


#64
n-propylbenzene
Concen: 7.300 ppbv
RT: 15.72 min Scan# 3976
Delta R.T. -0.01 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Tgt Ion:120 Resp: 835880

Ion	Ratio	Lower	Upper
120	100		
91	479.3	387.4	581.2



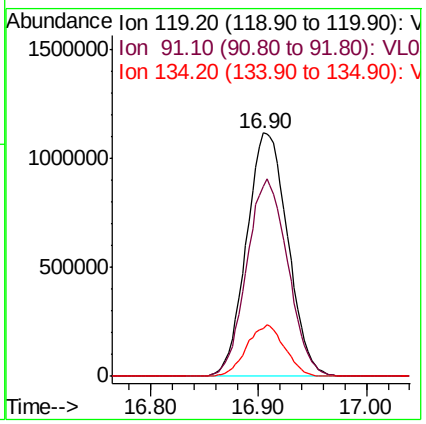


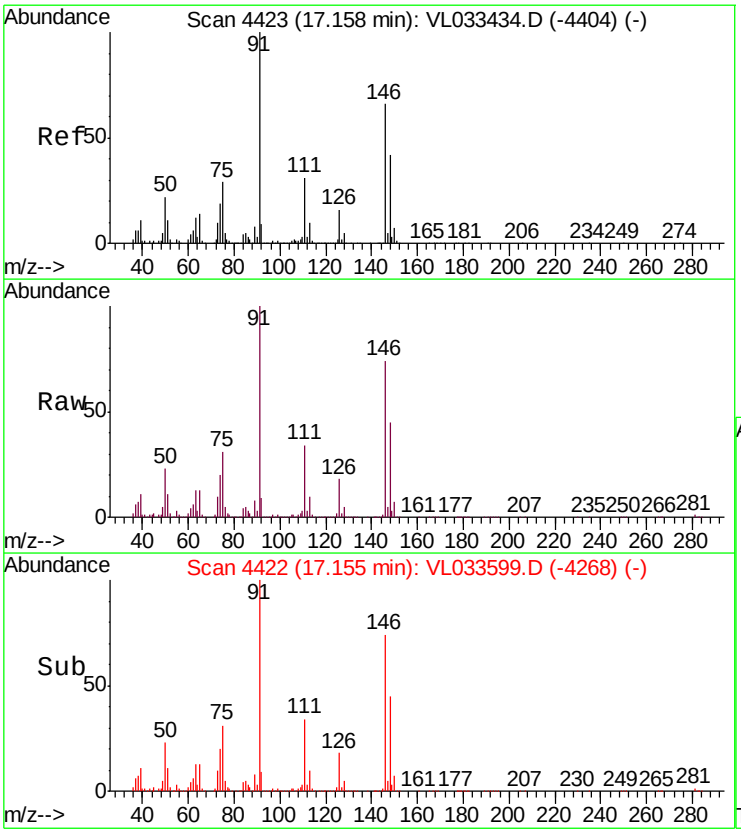
#65
tert-Butylbenzene
Concen: 7.436 ppbv
RT: 16.90 min Scan# 4344
Delta R.T. -0.01 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 2957142

Ion	Ratio	Lower	Upper
119	100		
91	81.0	66.4	99.6
134	19.6	15.5	23.3

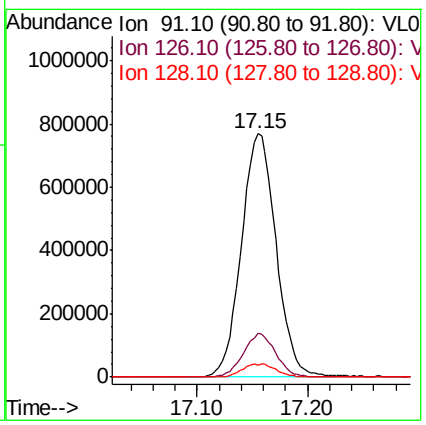


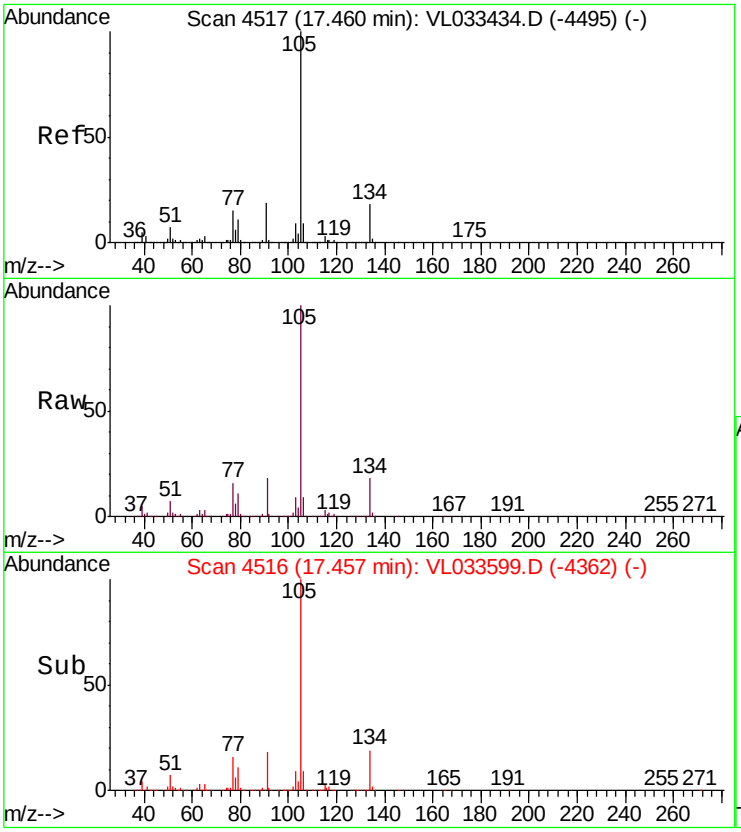


#66
Benzyl Chloride
Concen: 9.044 ppbv
RT: 17.15 min Scan# 4422
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Tgt Ion: 91 Resp: 1672441

Ion	Ratio	Lower	Upper
91	100		
126	16.8	13.0	19.6
128	5.5	4.2	6.2



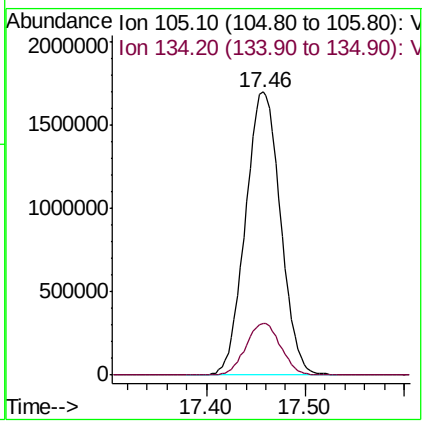


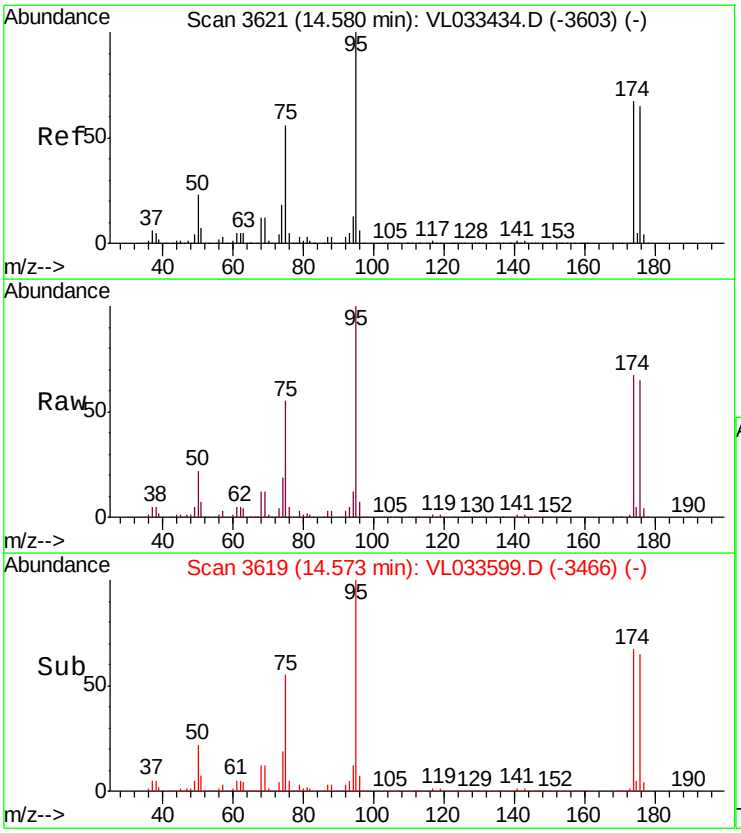
#67
sec-Butylbenzene
Concen: 7.351 ppbv
RT: 17.46 min Scan# 4516
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 4157476

Ion	Ratio	Lower	Upper
105	100		
134	18.3	14.6	21.8

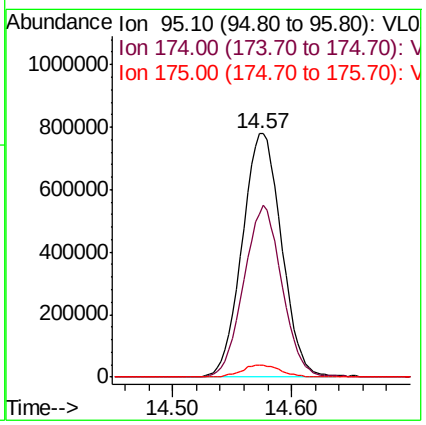


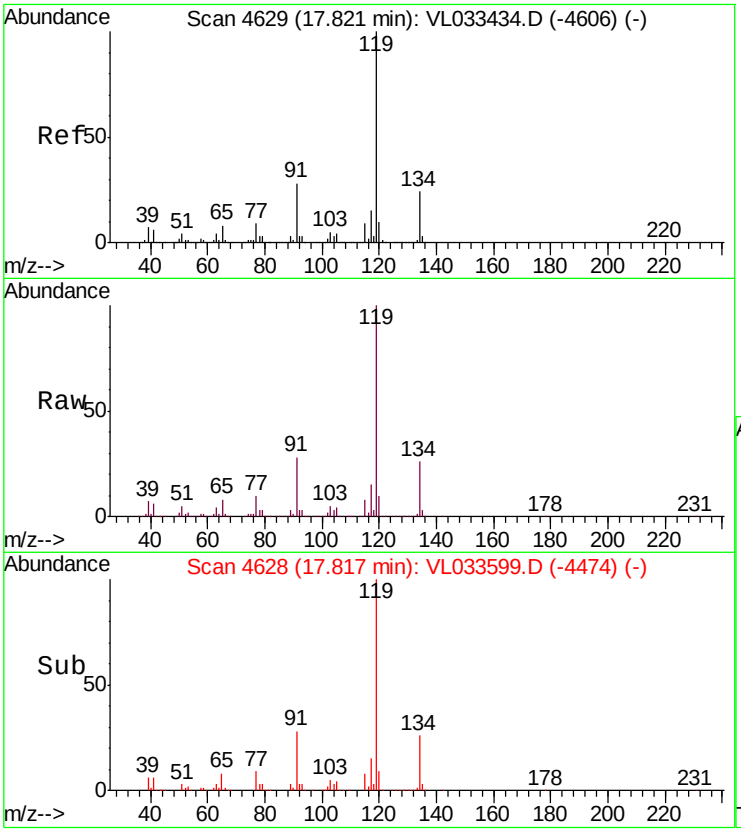


#68
1-Bromo-4-Fluorobenzene
Concen: 8.252 ppbv
RT: 14.57 min Scan# 3619
Delta R.T. -0.01 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Tgt Ion: 95 Resp: 1787245

Ion	Ratio	Lower	Upper
95	100		
174	68.5	52.9	79.3
175	4.9	3.8	5.6



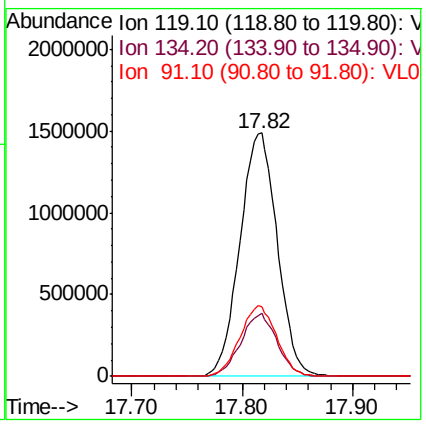


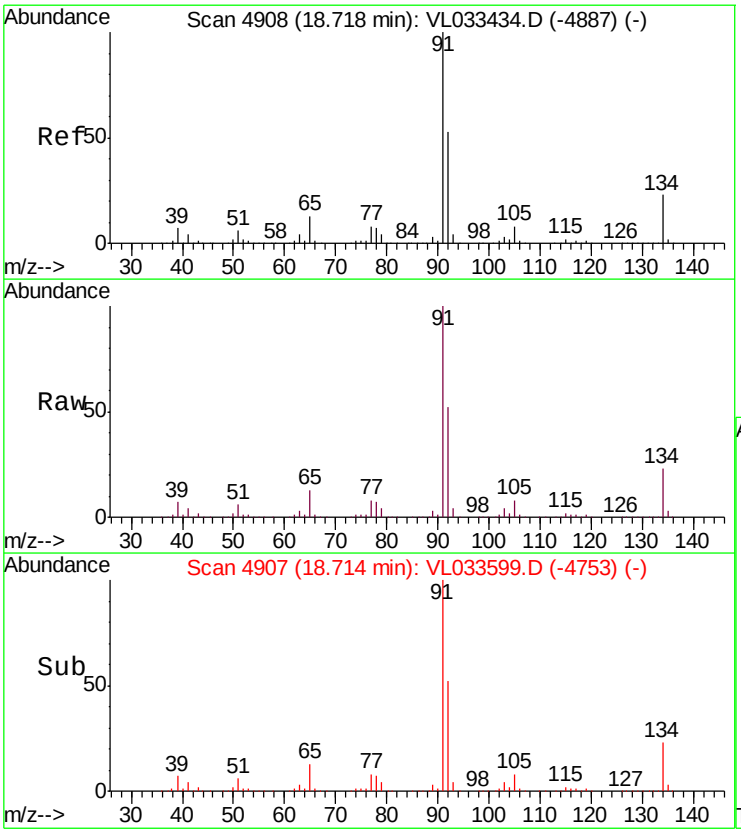
#69
p-Isopropyltoluene
Concen: 7.578 ppbv
RT: 17.82 min Scan# 4628
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion:119 Resp: 3489289

Ion	Ratio	Lower	Upper
119	100		
134	25.1	19.9	29.9
91	28.7	23.4	35.0

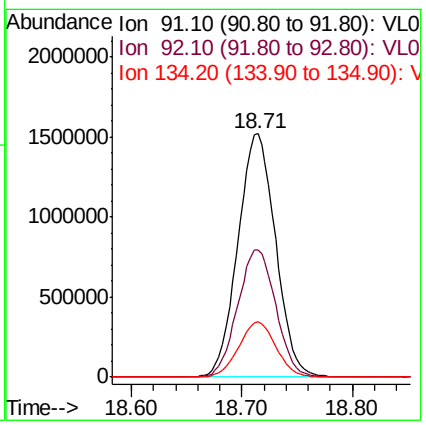


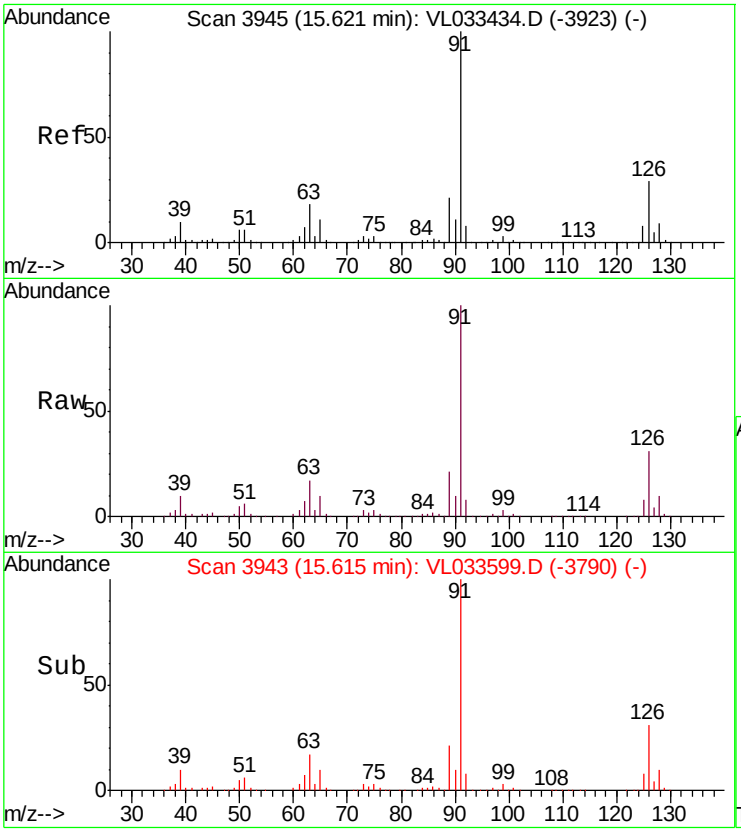


#70
n-Butylbenzene
Concen: 7.370 ppbv
RT: 18.71 min Scan# 4907
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Tgt Ion: 91 Resp: 3595610

Ion	Ratio	Lower	Upper
91	100		
92	53.2	42.6	64.0
134	22.4	17.5	26.3



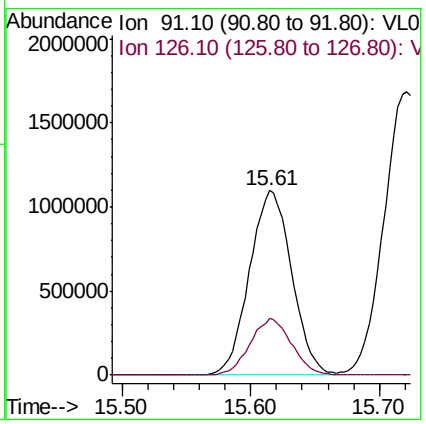


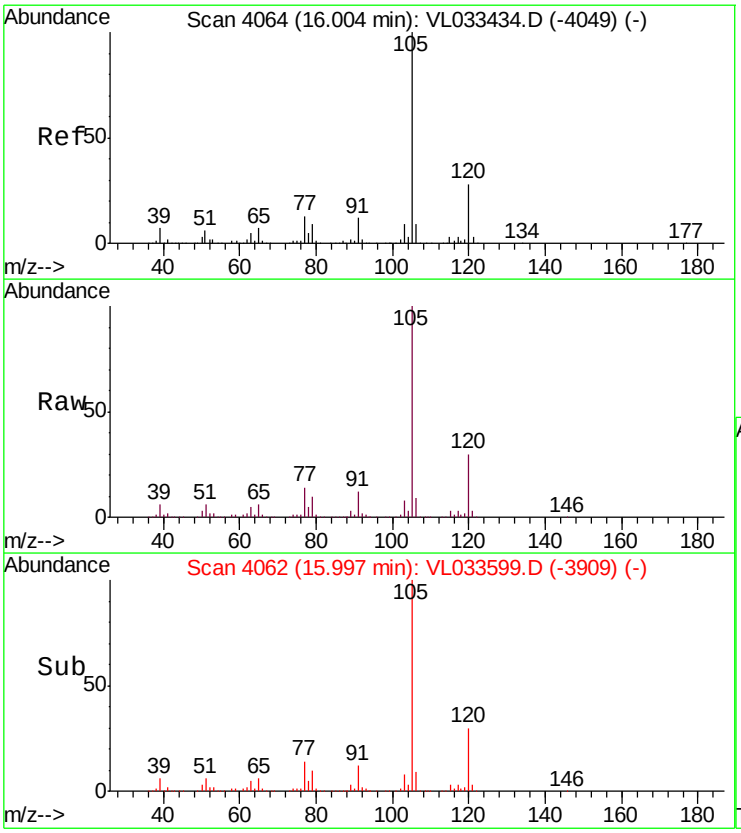
#71
2-Chlorotoluene
Concen: 7.307 ppbv
RT: 15.61 min Scan# 3943
Delta R.T. -0.01 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2507169

Ion	Ratio	Lower	Upper
91	100		
126	30.2	11.7	46.9

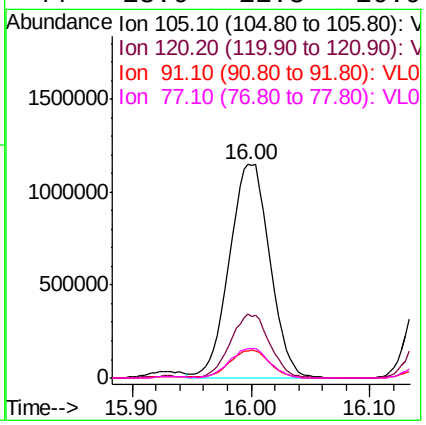


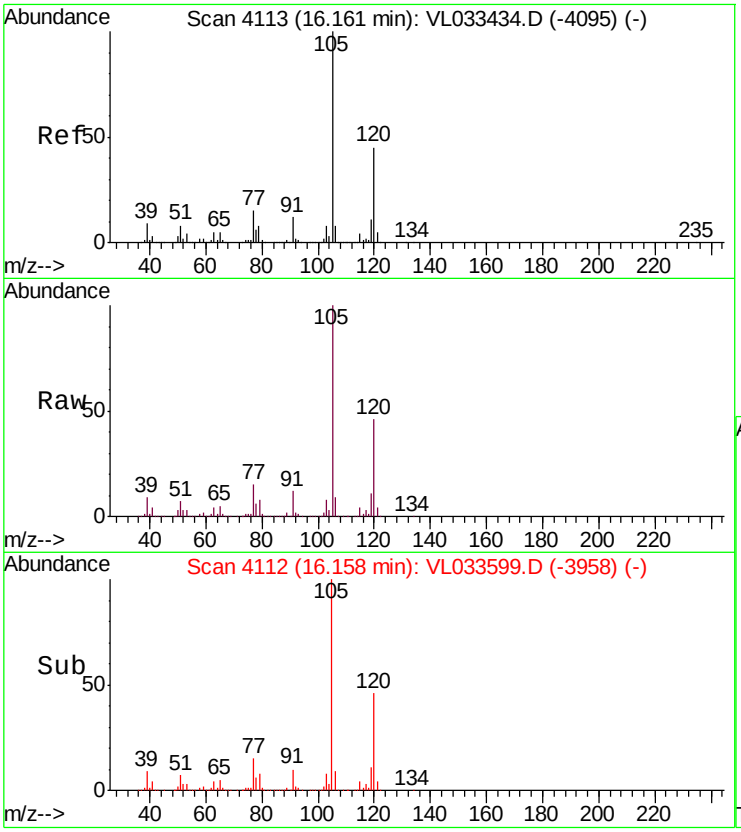


#72
4-Ethyltoluene
Concen: 7.561 ppbv
RT: 16.00 min Scan# 4062
Delta R.T. -0.01 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Tgt Ion:105 Resp: 2708258

Ion	Ratio	Lower	Upper
105	100		
120	29.0	23.2	34.8
91	13.0	10.4	15.6
77	13.6	11.3	16.9



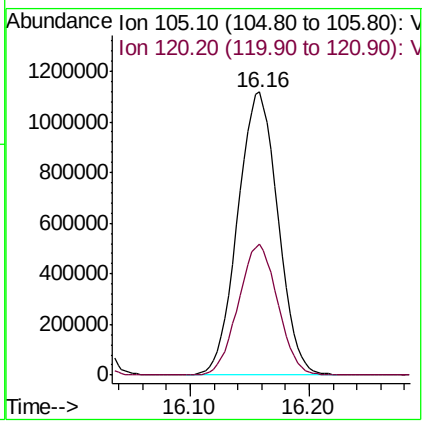


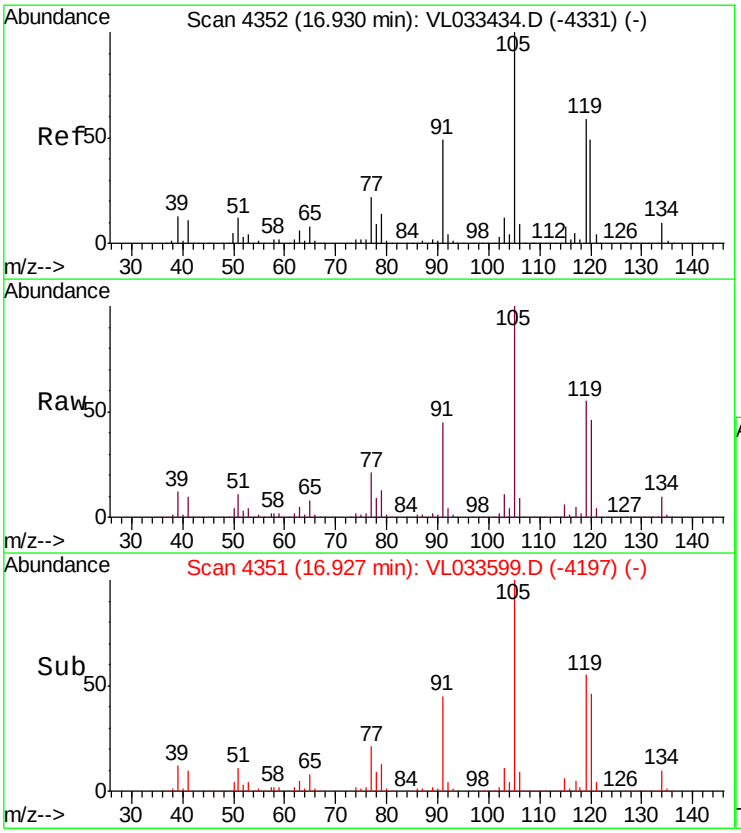
#73
1,3,5-Trimethylbenzene
Concen: 7.617 ppbv
RT: 16.16 min Scan# 4112
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 2611143

Ion	Ratio	Lower	Upper
105	100		
120	46.3	35.7	53.5

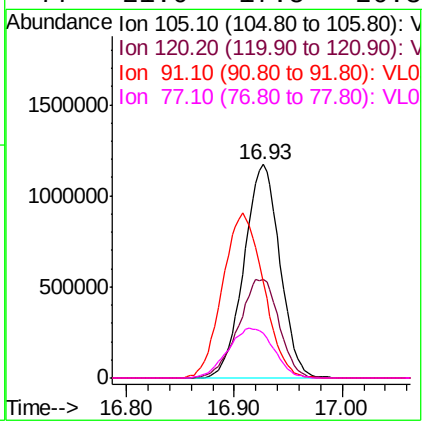


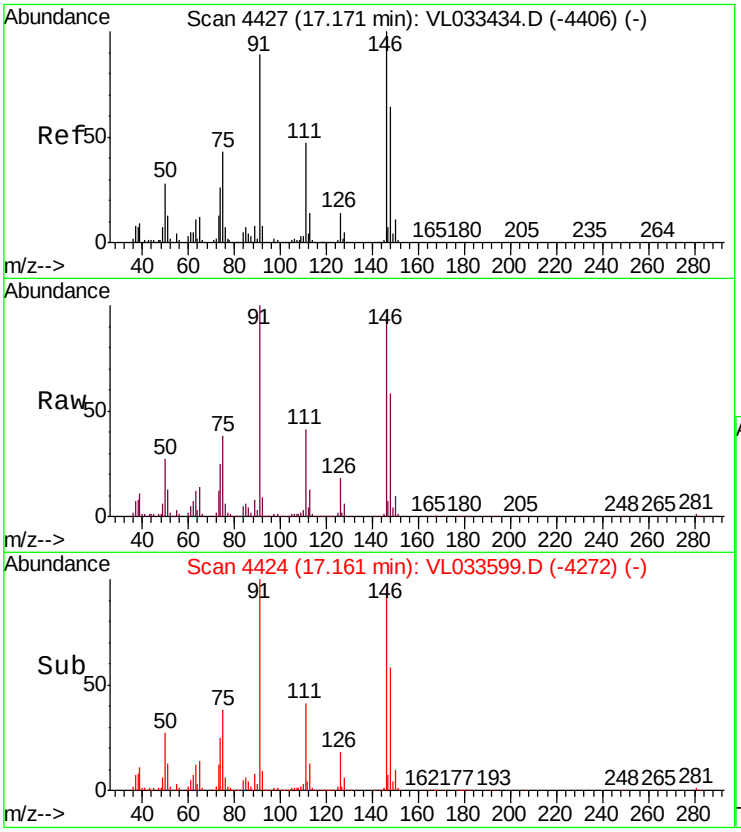


#74
1,2,4-Trimethylbenzene
Concen: 7.361 ppbv
RT: 16.93 min Scan# 4351
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Tgt Ion:105 Resp: 2704720

Ion	Ratio	Lower	Upper
105	100		
120	46.2	39.0	58.6
91	44.6	40.0	60.0
77	21.0	17.5	26.3



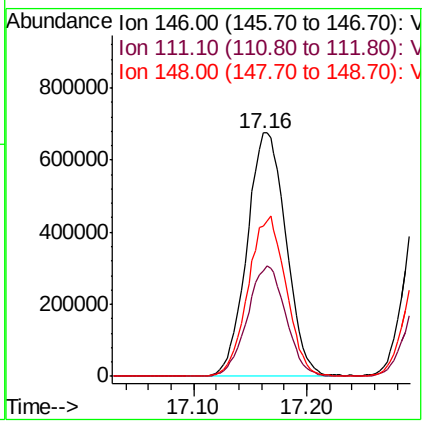


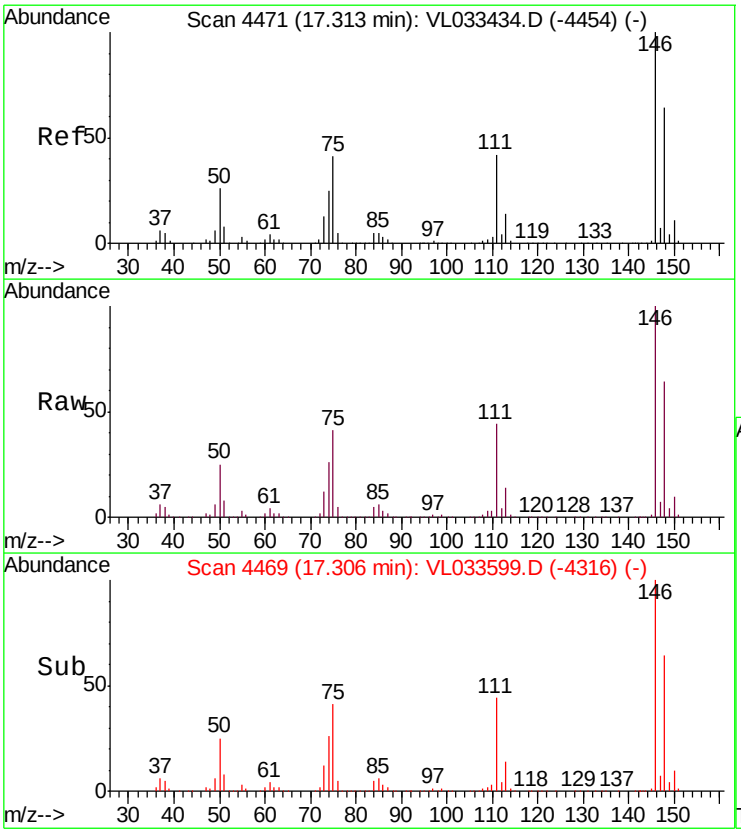
#75
1,3-Dichlorobenzene
Concen: 7.118 ppbv
RT: 17.16 min Scan# 4424
Delta R.T. -0.01 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1616520

Ion	Ratio	Lower	Upper
146	100		
111	44.5	22.9	68.8
148	64.0	32.0	96.2

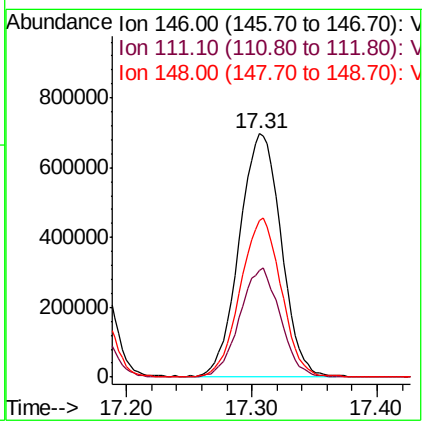


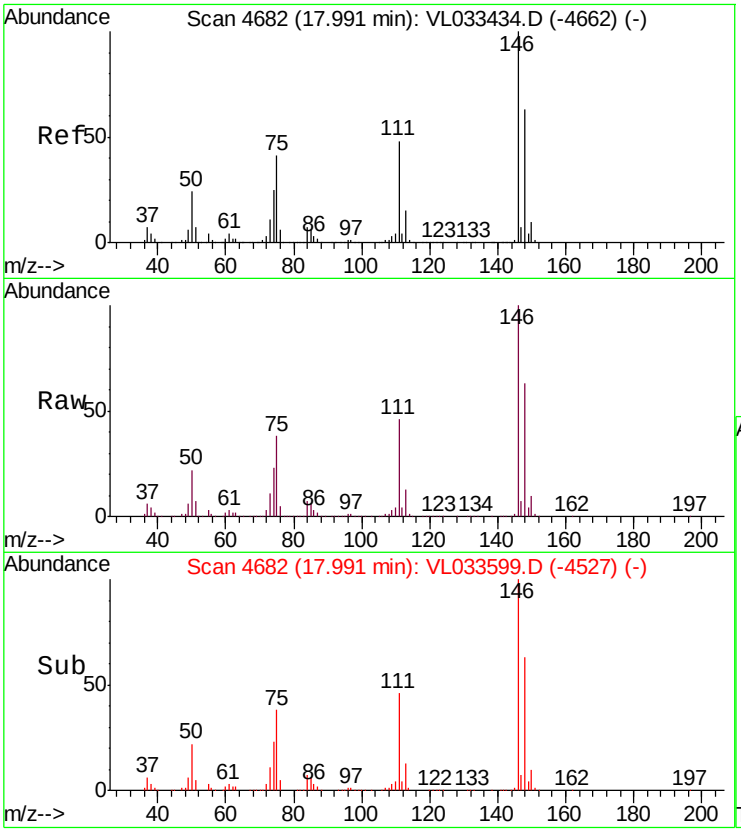


#76
1,4-Dichlorobenzene
Concen: 7.278 ppbv
RT: 17.31 min Scan# 4469
Delta R.T. -0.01 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Tgt Ion:146 Resp: 1610289

Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.7	65.1
148	64.4	32.0	96.2



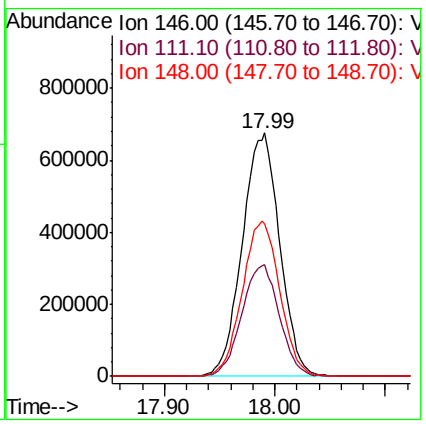


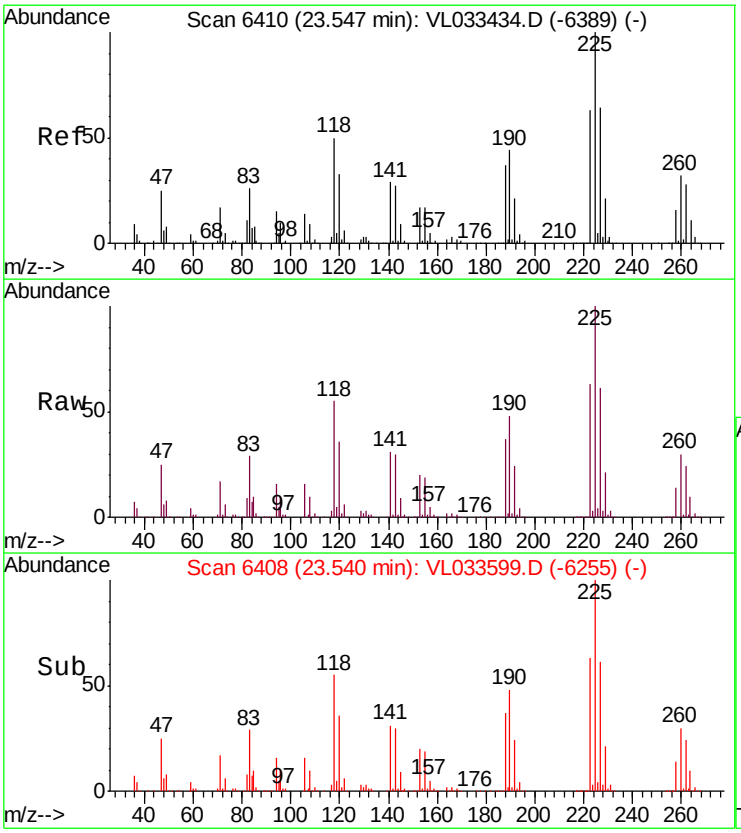
#77
1,2-Dichlorobenzene
Concen: 7.368 ppbv
RT: 17.99 min Scan# 4682
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1587467

Ion	Ratio	Lower	Upper
146	100		
111	46.0	23.5	70.5
148	64.0	32.0	96.0

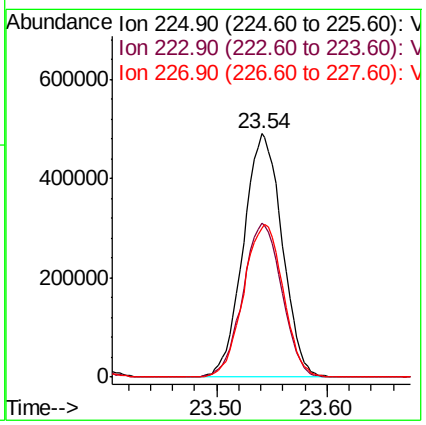


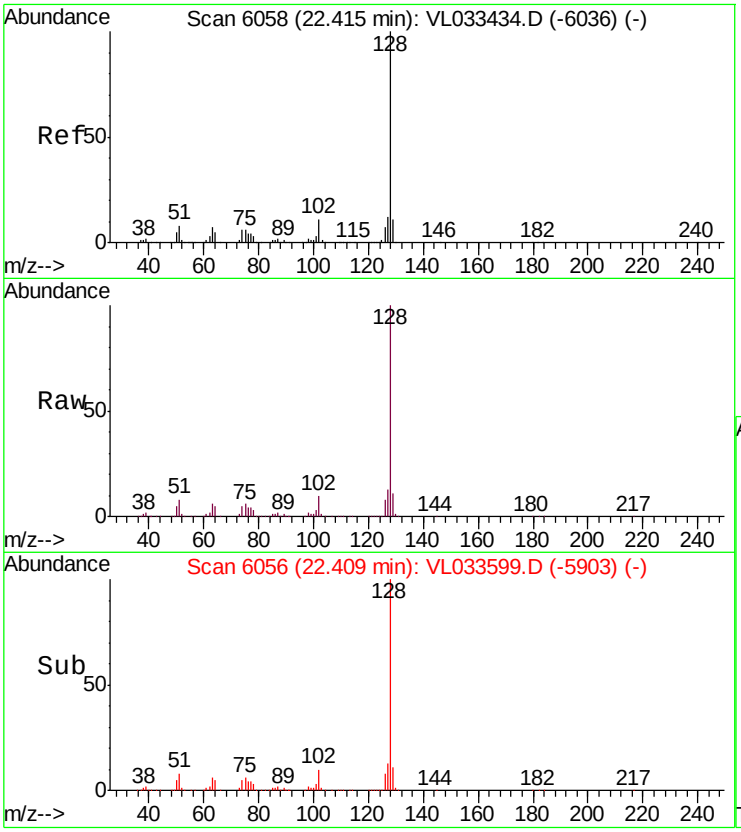


#78
Hexachloro-1,3-Butadiene
Concen: 8.372 ppbv
RT: 23.54 min Scan# 6408
Delta R.T. -0.01 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Tgt Ion:225 Resp: 1194168

Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.0	75.0
227	64.0	51.1	76.7



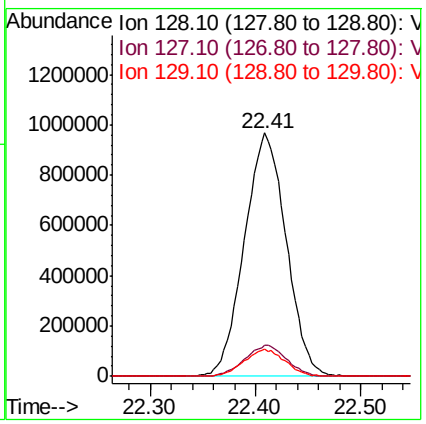


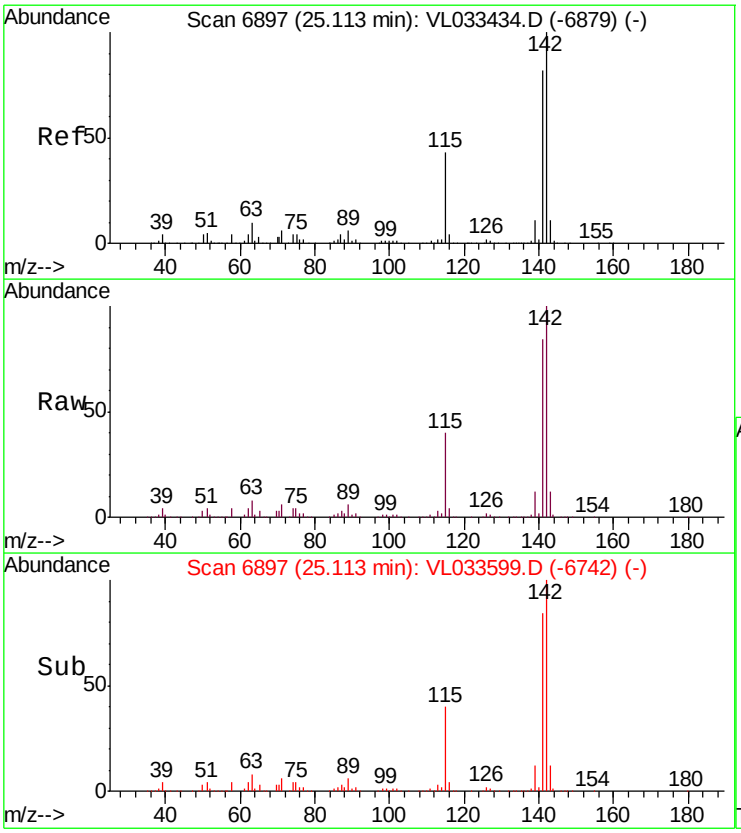
#79
Naphthalene
Concen: 8.486 ppbv
RT: 22.41 min Scan# 6056
Delta R.T. -0.01 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:128 Resp: 2668922

Ion	Ratio	Lower	Upper
128	100		
127	12.6	9.8	14.8
129	11.2	8.6	12.8

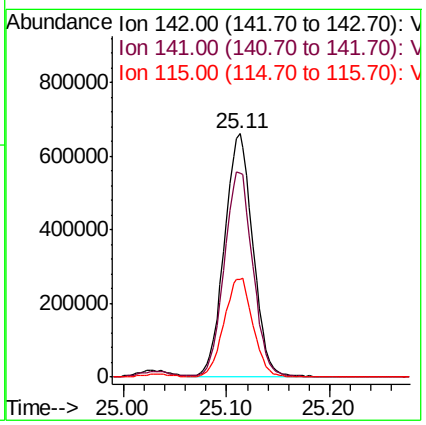


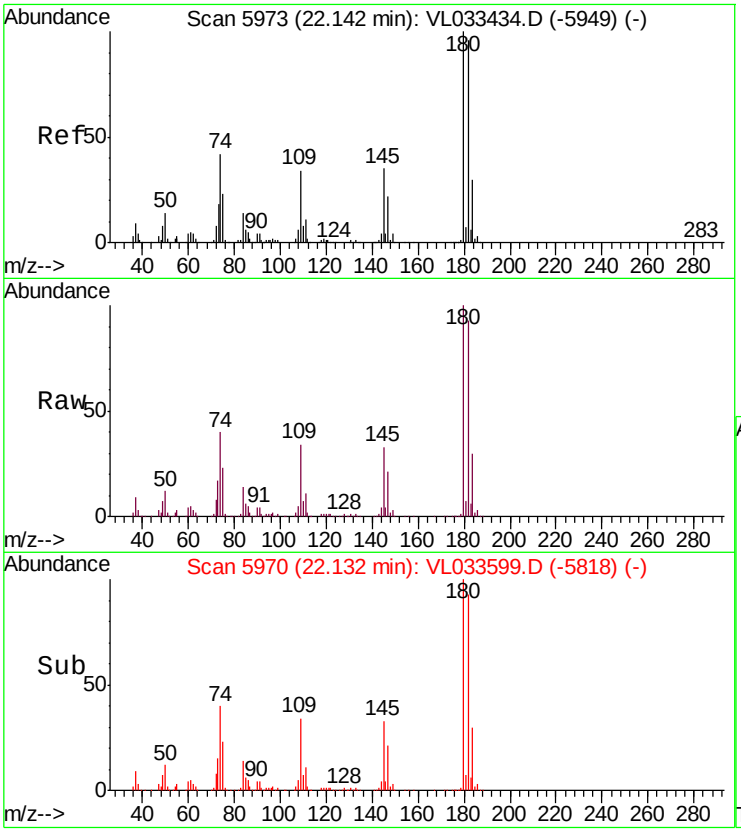


#80
Naphthalene,2-methyl-
Concen: 12.049 ppbv
RT: 25.11 min Scan# 6897
Delta R.T. -0.00 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Tgt Ion:142 Resp: 1271803

Ion	Ratio	Lower	Upper
142	100		
141	85.0	66.6	99.8
115	41.6	34.4	51.6





#81
1,2,4-Trichlorobenzene
Concen: 7.979 ppbv
RT: 22.13 min Scan# 5970
Delta R.T. -0.01 min
Lab File: VL033599.D
Acq: 17 Apr 2019 12:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:180 Resp: 1391990

Ion	Ratio	Lower	Upper
180	100		
182	95.4	77.0	115.4
184	30.7	24.6	36.8