Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032019\

Quantitation Report (Not Reviewed)

Data File : VL033390.D
Acq On : 20 Mar 2019 14:02
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: Mar 21 16:32:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Mar 15 14:52:14 2019
QLast Update : Fri Mar 15 14:52:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.76	49	750130	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.29	114	1676269	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.24	117	2206107	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.58	95	1289343	7.89	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 78.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	1233137	9.348	ppbv		99
3) Chlorodifluoromethane	3.01	51	915744	10.636	ppbv		98
4) Chloromethane	3.17	50	491782	10.548	ppbv		98
5) Vinyl Chloride	3.29	62	487508	10.136	ppbv		98
6) Bromomethane	3.51	94	303602	10.619	ppbv		99
7) Chloroethane	3.60	64	181700	10.811	ppbv		100
8) Dichlorotetrafluoroethane	3.22	85	1231484	10.966	ppbv		100
9) Propene	3.04	41	388860	10.118	ppbv		100
10) Heptane	8.25	43	1041201	10.922	ppbv		100
11) Trichlorofluoromethane	4.00	101	1382576	10.525	ppbv		96
12) 1,1,2-Trichlorotrifluoroet	4.55	101	922710	10.587	ppbv		99
13) Ethanol	3.64	45	41994	2.292	ppbv	#	47
14) Bromoethene	3.79	108	385652	10.616	ppbv		100
15) Acetone	3.90	43	844642	7.244	ppbv		100
16) 1,3-Butadiene	3.36	39	436016	11.512	ppbv		93
17) tert-Butyl alcohol	4.35	59	170382	10.383	ppbv		99
18) 1,1-Dichloroethene	4.35	96	408283	10.245	ppbv		97
19) Isopropyl Alcohol	4.02	45	560988	10.114	ppbv	#	99
20) Methylene Chloride	4.41	84	343874	9.042	ppbv		96
21) Allyl Chloride	4.47	41	618374	10.932	ppbv		99
22) trans-1,2-Dichloroethene	4.96	96	420423	10.886	ppbv		98
23) Vinyl Acetate	5.15	43	1394193	10.333	ppbv		99
24) 1,1-Dichloroethane	5.09	63	1026387	10.533	ppbv		100
25) Ethyl Acetate	5.77	43	1746821	10.305	ppbv		100
26) Hexane	5.78	57	763238	10.072	ppbv		98
27) Carbon Disulfide	4.62	76	1016067	11.647	ppbv		99
28) Methyl tert-Butyl Ether	5.11	73	1181844	10.500	ppbv		100
29) Chloroform	5.85	83	1324663	10.676	ppbv		99
30) Cyclohexane	7.25	84	641659	10.561	ppbv		100
31) cis-1,2-Dichloroethene	5.64	61	804825	10.622	ppbv		99
32) 1,1,1-Trichloroethane	6.62	97	1309868	10.752	ppbv		99
34) 2-Butanone	5.33	43	1101453	10.005	ppbv		98
35) Carbon Tetrachloride	7.13	117	1386768	11.735	ppbv		100
36) Benzene	7.00	78	1576483	10.509	ppbv		98
37) 1,2-Dichloroethane	6.41	62	1019723	10.750	ppbv		100
38) Trichloroethene	7.96	130	627065	11.046	ppbv		98
39) 1,2-Dichloropropane	7.74	63	605635	10.780	ppbv		96
40) 1,4-Dioxane	7.95	88	201787	10.200	ppbv		91
41) Tetrahydrofuran	6.14	42	633976	10.792	ppbv		99
42) Bromodichloromethane	7.91	83	1435997	11.291	ppbv		99
43) Methyl Methacrylate	8.14	69	652638	11.173	ppbv		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032019\

Quantitation Report (Not Reviewed)

Data File : VL033390.D
Acq On : 20 Mar 2019 14:02
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: Mar 21 16:32:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Mar 15 14:52:14 2019
QLast Update : Fri Mar 15 14:52:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.99	57	2715554	10.929	ppbv		100
45) t-1,3-Dichloropropene	9.42	75	887206	12.302	ppbv		100
46) cis-1,3-Dichloropropene	8.83	75	998554	11.759	ppbv		100
47) 1,1,2-Trichloroethane	9.62	97	671897	10.825	ppbv		94
48) Dibromochloromethane	10.45	129	1231205	11.827	ppbv		100
49) Bromoform	13.20	173	1130500	11.448	ppbv		99
50) 4-Methyl-2-Pentanone	8.87	43	1692919	10.887	ppbv		99
51) 2-Hexanone	10.27	43	1323064	11.029	ppbv	#	98
52) Tetrachloroethene	11.37	164	620122	9.922	ppbv		98
53) Toluene	9.95	91	1919040	11.258	ppbv		100
54) 1,2-Dibromoethane	10.76	107	1106944	10.549	ppbv		97
56) 1,1,1,2-Tetrachloroethane	12.28	131	886953	8.987	ppbv		98
57) Chlorobenzene	12.30	112	1476482	8.450	ppbv		97
58) Ethyl Benzene	12.86	91	2716792	8.705	ppbv		99
59) m/p-Xylene	13.13	91	2328079	8.680	ppbv	#	100
60) o-Xylene	13.85	91	2306753	8.816	ppbv		99
61) Styrene	13.69	104	1652656	9.021	ppbv		99
62) Isopropylbenzene	14.83	105	3132179	8.611	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.84	83	1587827	8.395	ppbv		100
64) n-propylbenzene	15.72	120	803731	8.732	ppbv		99
65) tert-Butylbenzene	16.91	119	2870541	8.765	ppbv		100
66) Benzyl Chloride	17.16	91	1438387	10.628	ppbv		99
67) sec-Butylbenzene	17.46	105	4058698	8.746	ppbv		99
69) p-Isopropyltoluene	17.82	119	3348887	8.833	ppbv		99
70) n-Butylbenzene	18.71	91	3517443	8.701	ppbv		100
71) 2-Chlorotoluene	15.62	91	2420949	8.550	ppbv		100
72) 4-Ethyltoluene	16.00	105	2601385	8.755	ppbv		99
73) 1,3,5-Trimethylbenzene	16.16	105	2510105	8.672	ppbv		99
74) 1,2,4-Trimethylbenzene	16.93	105	2625194	8.563	ppbv		94
75) 1,3-Dichlorobenzene	17.17	146	1504507	8.327	ppbv		100
76) 1,4-Dichlorobenzene	17.31	146	1494757	8.544	ppbv		100
77) 1,2-Dichlorobenzene	17.99	146	1468428	8.581	ppbv		99
78) Hexachloro-1,3-Butadiene	23.54	225	818007	7.973	ppbv		99
79) Naphthalene	22.41	128	2342660	7.930	ppbv		98
80) Naphthalene,2-methyl-	25.11	142	919765	6.566	ppbv		99
81) 1,2,4-Trichlorobenzene	22.13	180	1224555	8.129	ppbv		100

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

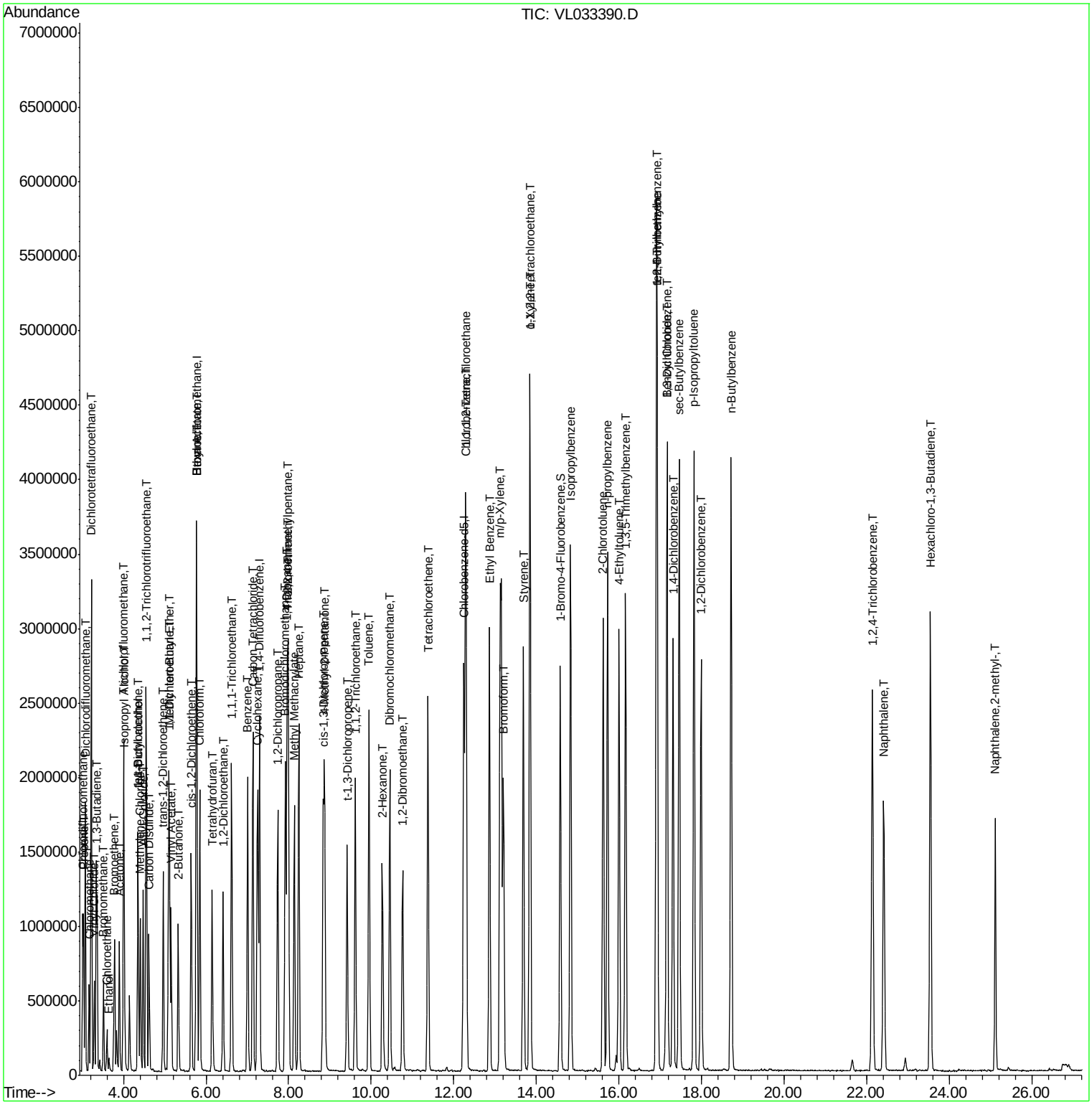
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032019\

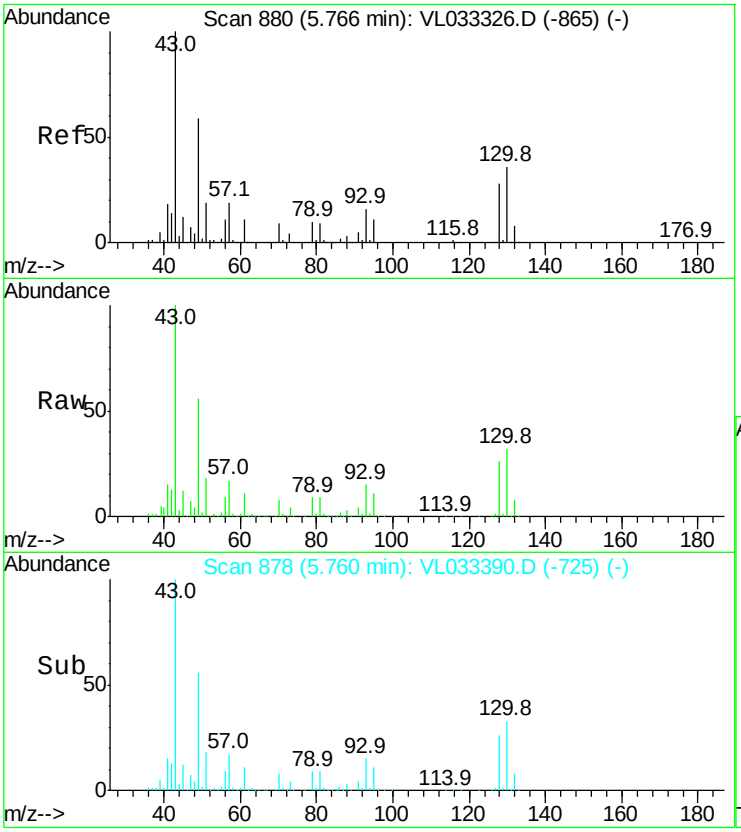
Quantitation Report (Not Reviewed)

Data File : VL033390.D
Acq On : 20 Mar 2019 14:02
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Quant Time: Mar 21 16:32:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Mar 15 14:52:14 2019
QLast Update : Fri Mar 15 14:52:14 2019
Response via : Initial Calibration



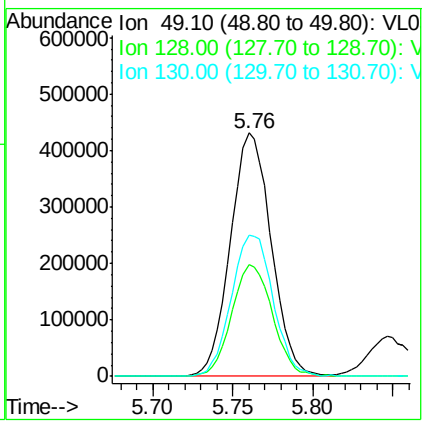


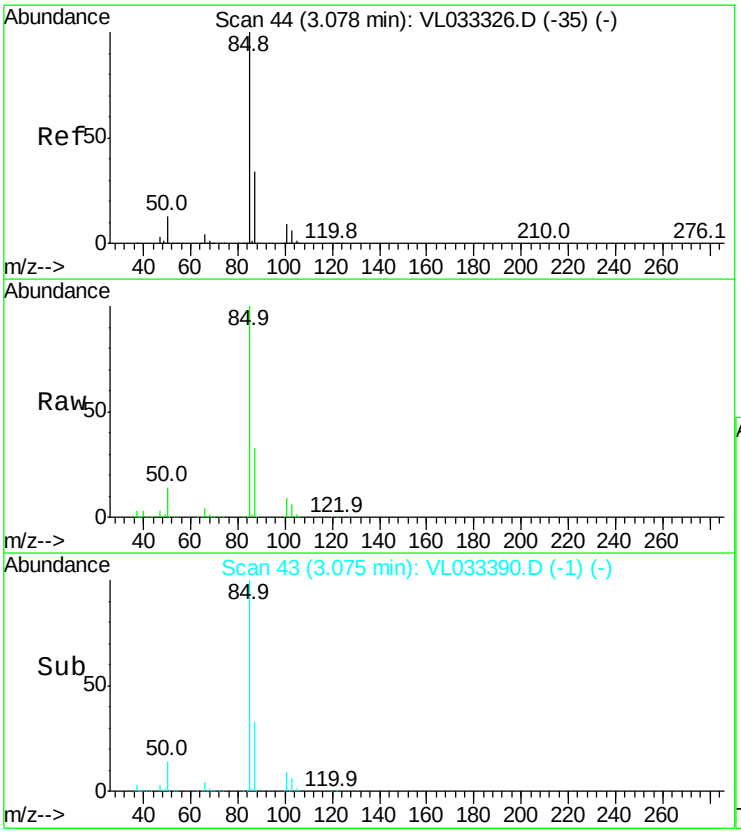
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 878
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 750130

Ion	Ratio	Lower	Upper
49	100		
128	45.9	23.5	70.6
130	59.6	30.1	90.3

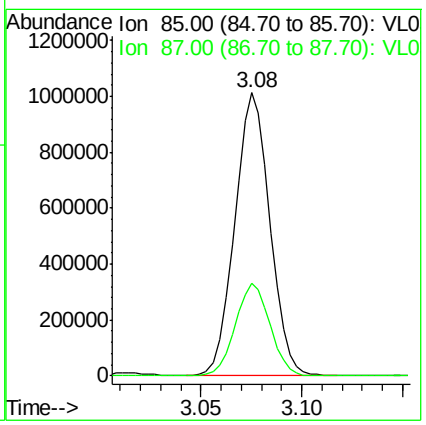


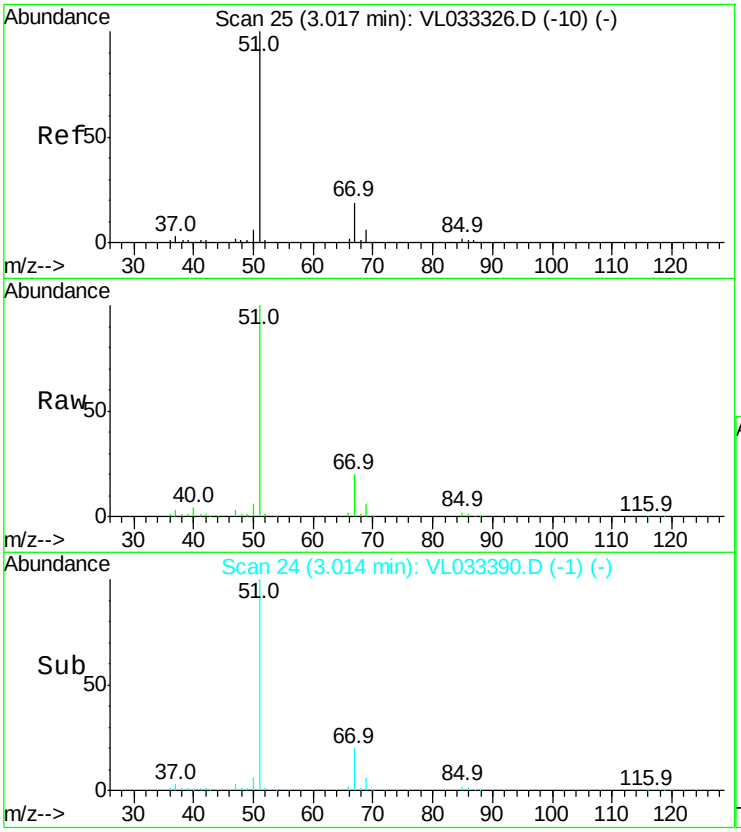


#2
Dichlorodifluoromethane
Concen: 9.348 ppbv
RT: 3.08 min Scan# 43
Delta R.T. -0.00 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Tgt Ion: 85 Resp: 1233137

Ion	Ratio	Lower	Upper
85	100		
87	32.9	26.9	40.3



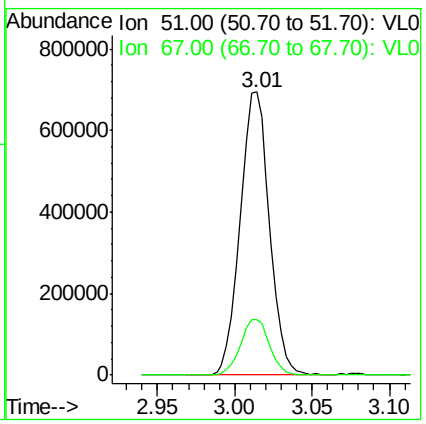


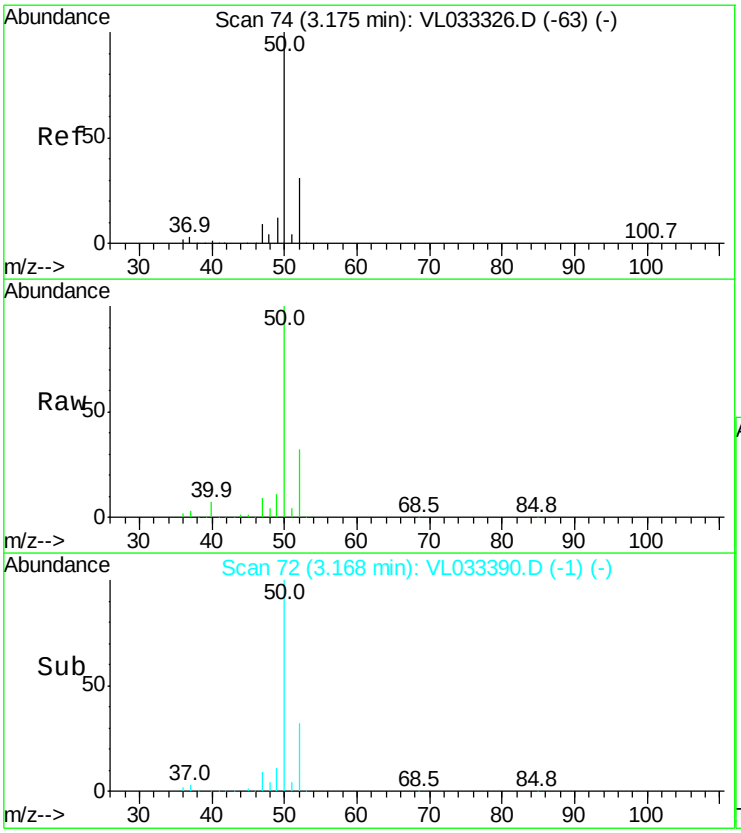
#3
Chlorodifluoromethane
Concen: 10.636 ppbv
RT: 3.01 min Scan# 24
Delta R.T. -0.00 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 51 Resp: 915744

Ion	Ratio	Lower	Upper
51	100		
67	19.5	14.9	22.3

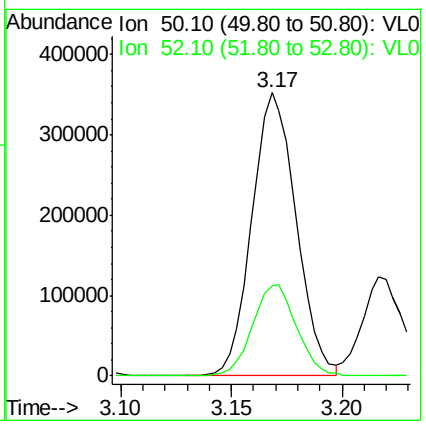


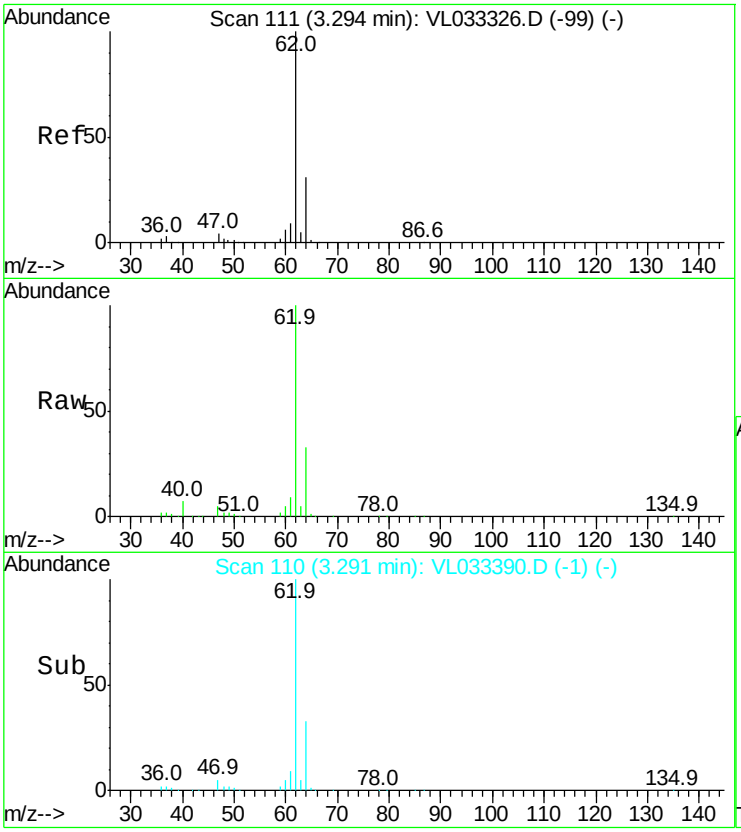


#4
Chloromethane
Concen: 10.548 ppbv
RT: 3.17 min Scan# 72
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Tgt Ion: 50 Resp: 491782

Ion	Ratio	Lower	Upper
50	100		
52	32.2	25.0	37.6



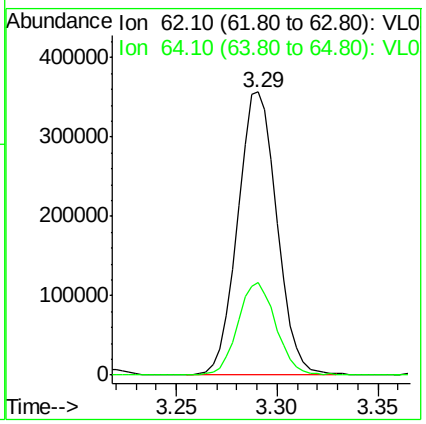


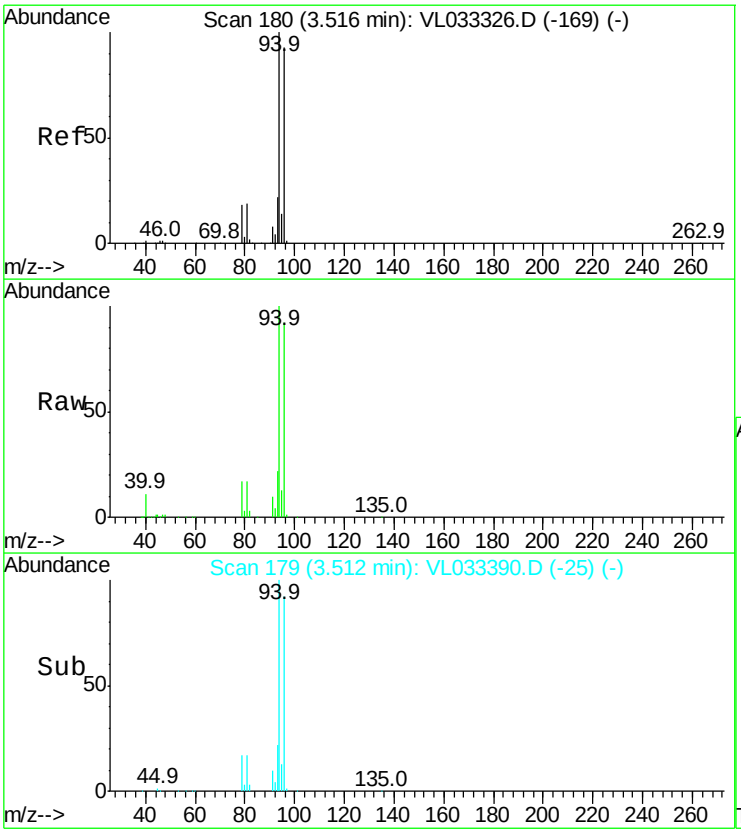
#5
Vinyl Chloride
Concen: 10.136 ppbv
RT: 3.29 min Scan# 110
Delta R.T. -0.00 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 487508

Ion	Ratio	Lower	Upper
62	100		
64	32.7	25.0	37.6

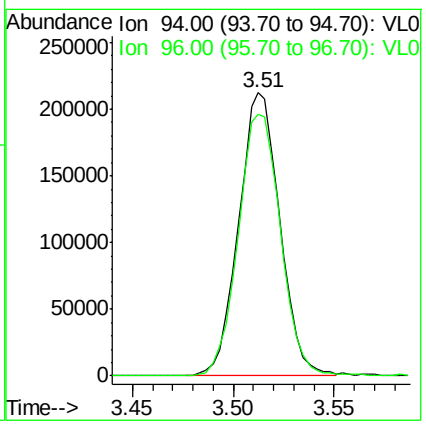


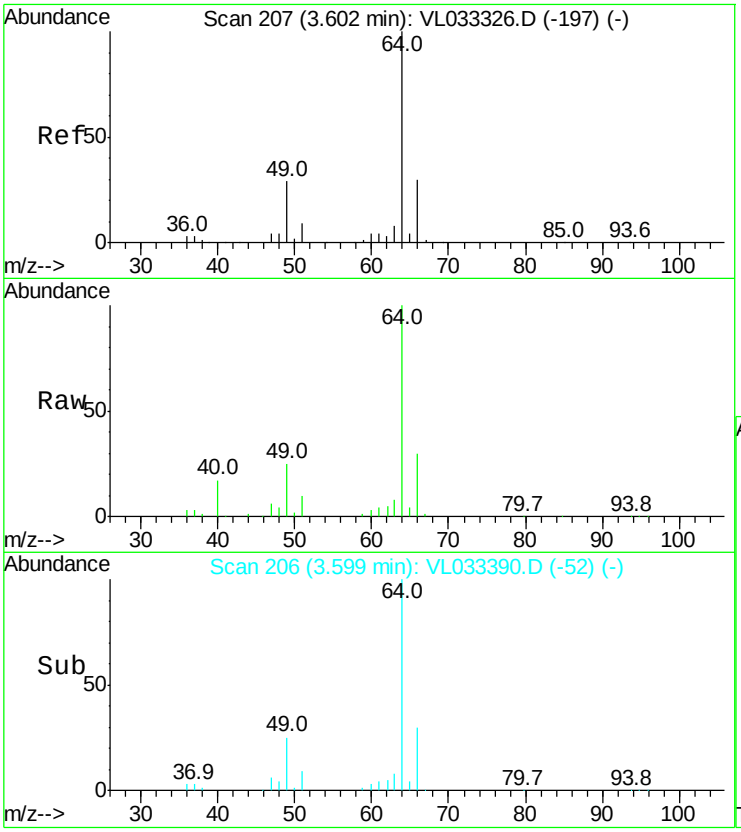


#6
Bromomethane
Concen: 10.619 ppbv
RT: 3.51 min Scan# 179
Delta R.T. -0.00 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Tgt Ion: 94 Resp: 303602

Ion	Ratio	Lower	Upper
94	100		
96	92.2	74.6	111.8



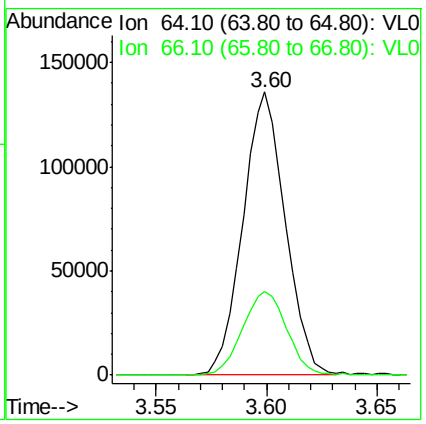


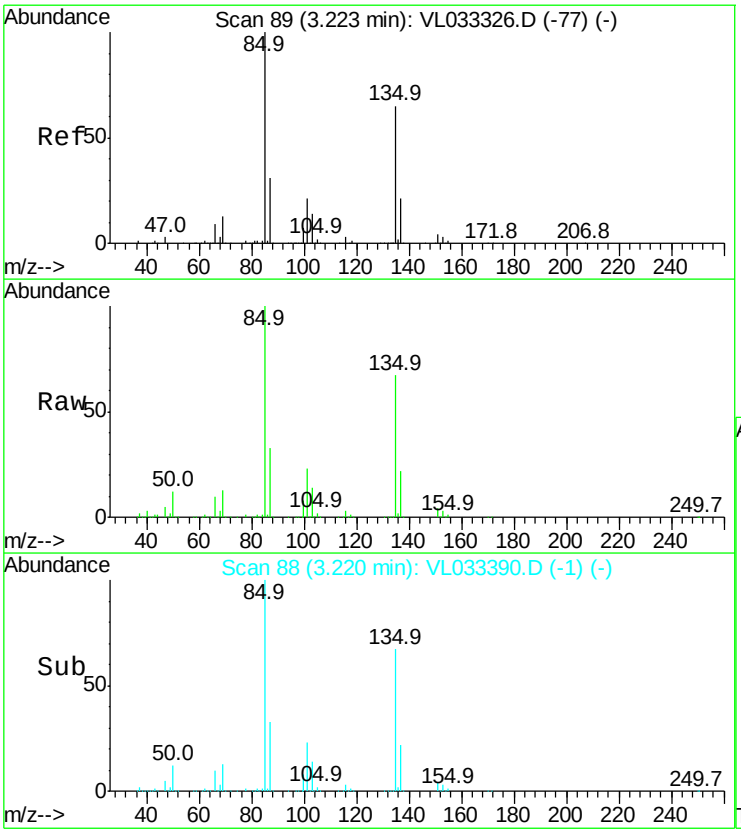
#7
Chloroethane
Concen: 10.811 ppbv
RT: 3.60 min Scan# 206
Delta R.T. -0.00 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 64 Resp: 181700

Ion	Ratio	Lower	Upper
64	100		
66	29.8	24.0	36.0

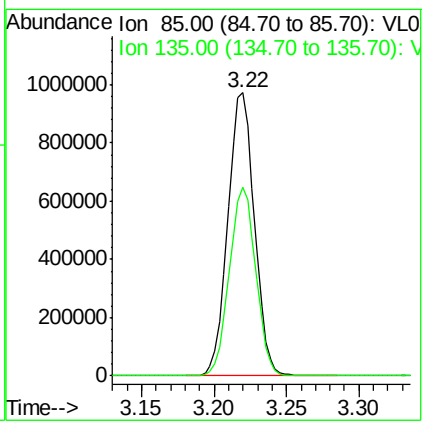


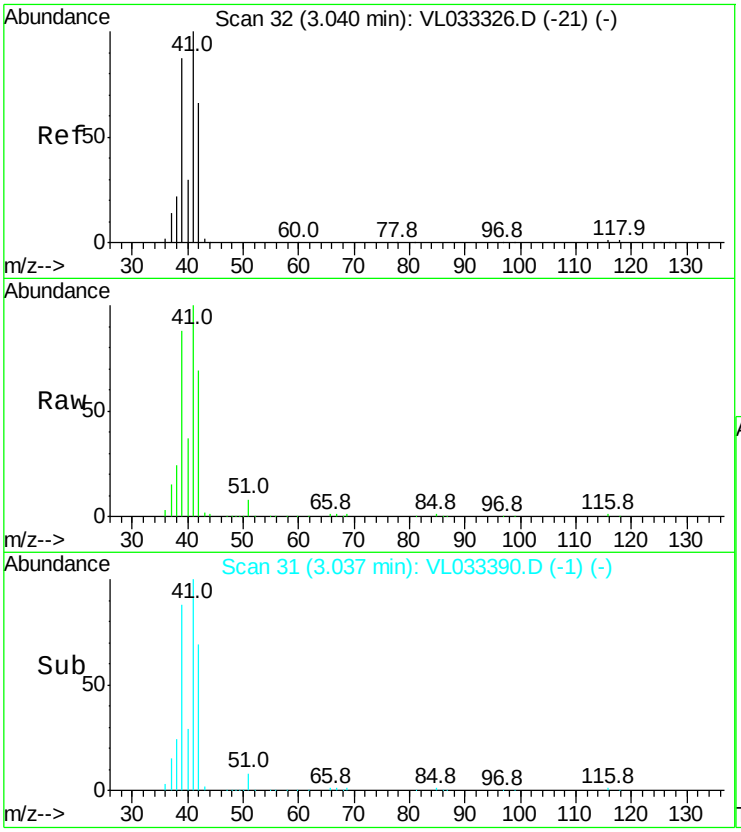


#8
Dichlorotetrafluoroethane
Concen: 10.966 ppbv
RT: 3.22 min Scan# 88
Delta R.T. -0.00 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Tgt Ion: 85 Resp: 1231484

Ion	Ratio	Lower	Upper
85	100		
135	66.5	53.4	80.2



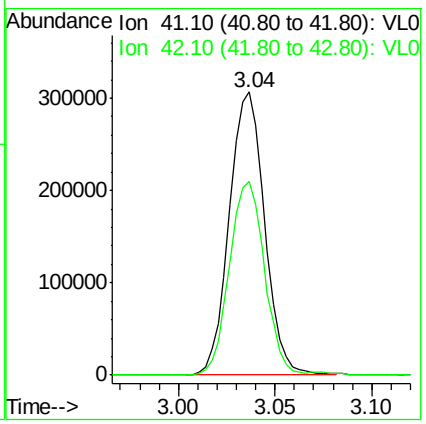


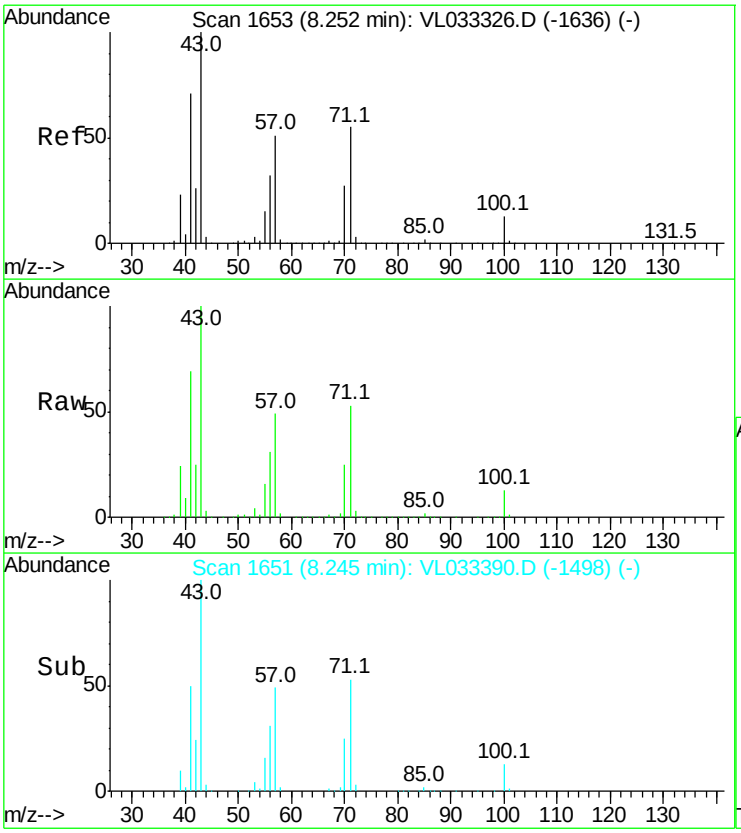
#9
Propene
Concen: 10.118 ppbv
RT: 3.04 min Scan# 31
Delta R.T. -0.00 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 388860

Ion	Ratio	Lower	Upper
41	100		
42	68.7	55.2	82.8

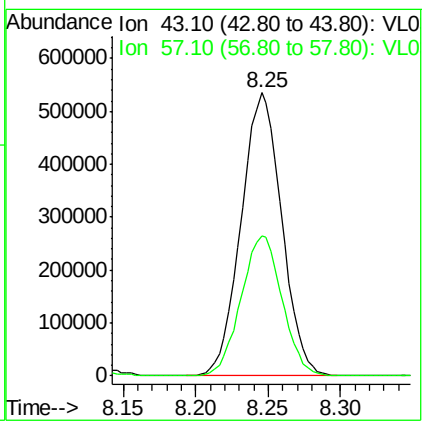


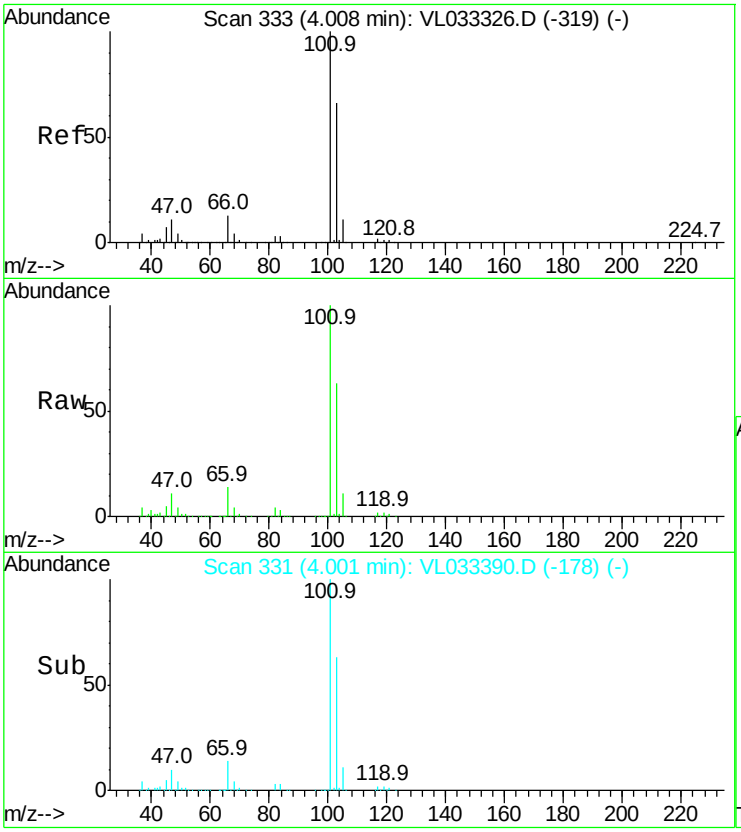


#10
Heptane
Concen: 10.922 ppbv
RT: 8.25 min Scan# 1651
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Tgt Ion: 43 Resp: 1041201

Ion	Ratio	Lower	Upper
43	100		
57	50.3	40.4	60.6



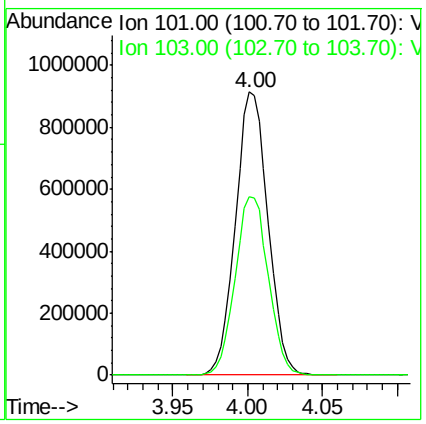


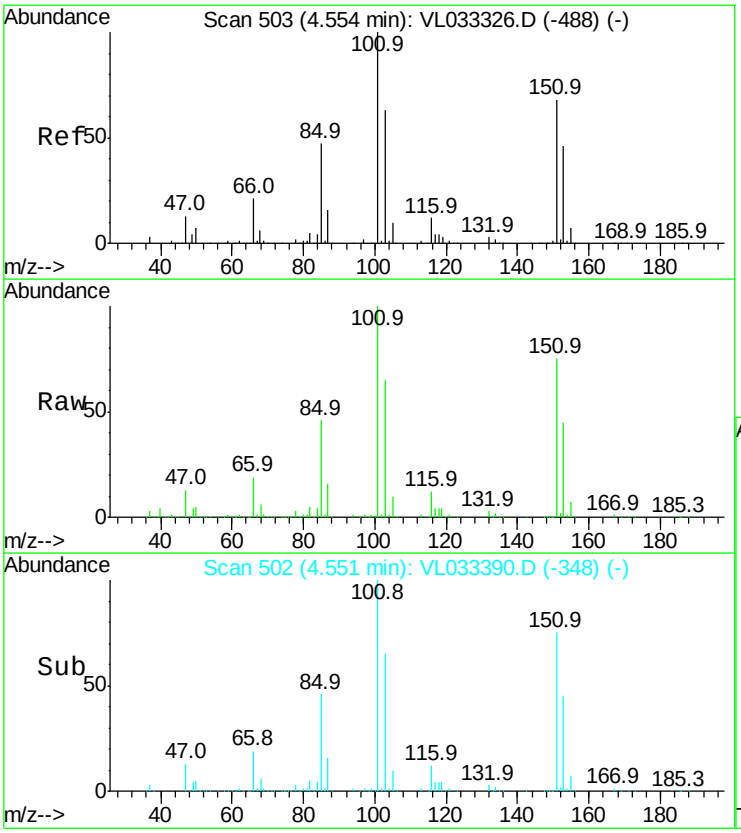
#11
Trichlorofluoromethane
Concen: 10.525 ppbv
RT: 4.00 min Scan# 331
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 1382576

Ion	Ratio	Lower	Upper
101	100		
103	63.0	52.9	79.3

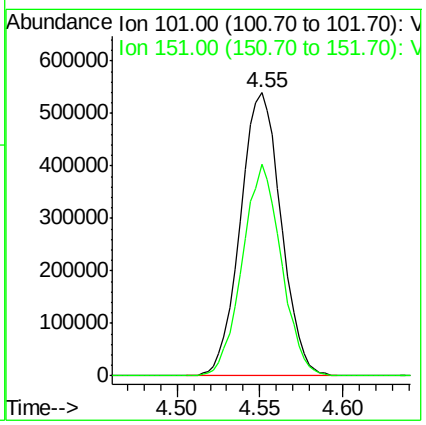


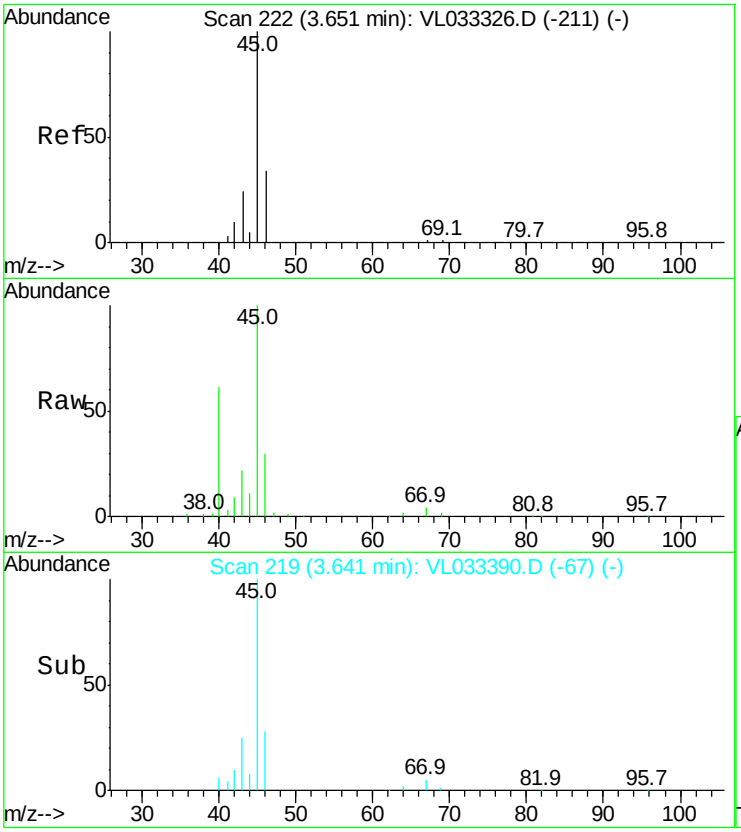


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.587 ppbv
RT: 4.55 min Scan# 502
Delta R.T. -0.00 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Tgt Ion:101 Resp: 922710

Ion	Ratio	Lower	Upper
101	100		
151	71.4	56.3	84.5



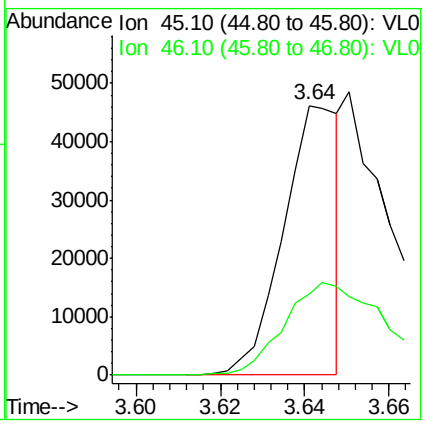


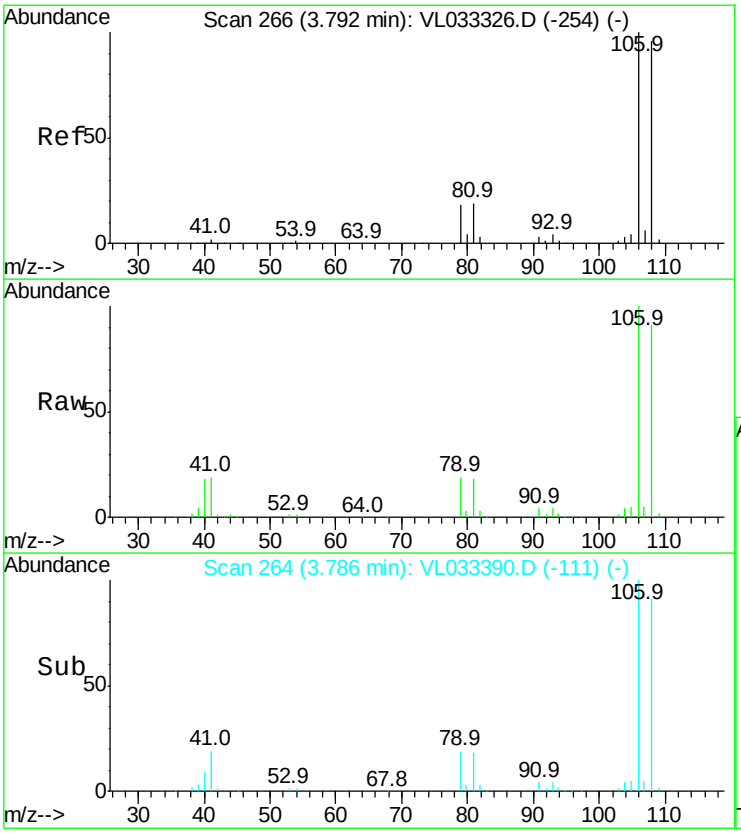
#13
Ethanol
Concen: 2.292 ppbv
RT: 3.64 min Scan# 219
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 41994

Ion	Ratio	Lower	Upper
45	100		
46	68.9	14.9	59.7#

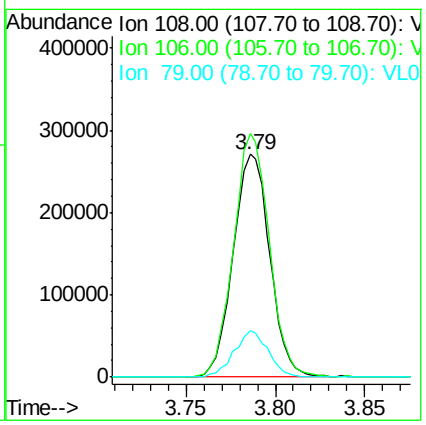


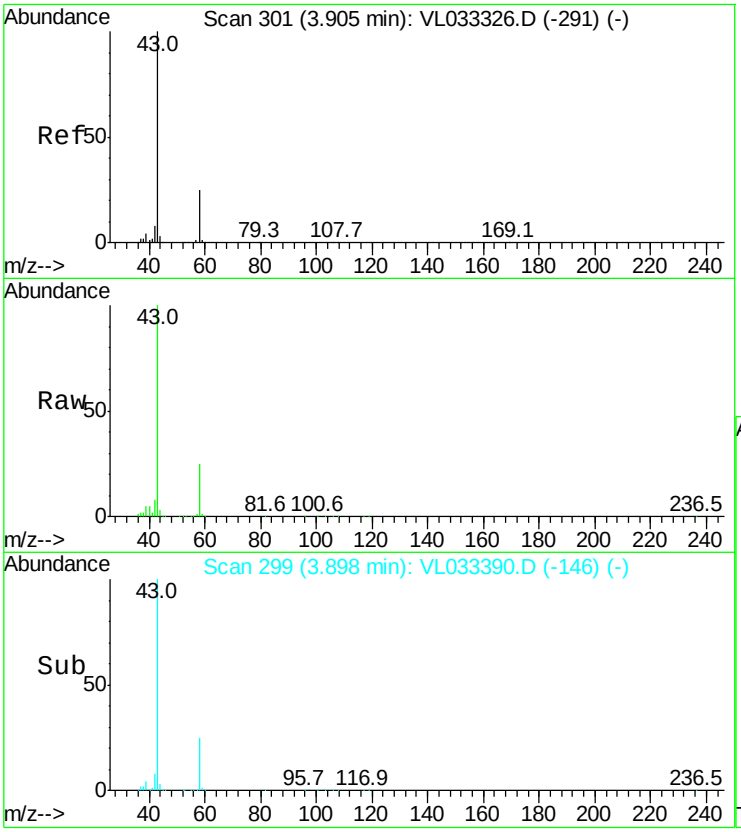


#14
Bromoethene
Concen: 10.616 ppbv
RT: 3.79 min Scan# 264
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Tgt Ion:108 Resp: 385652

Ion	Ratio	Lower	Upper
108	100		
106	107.3	86.2	129.2
79	19.7	15.4	23.2



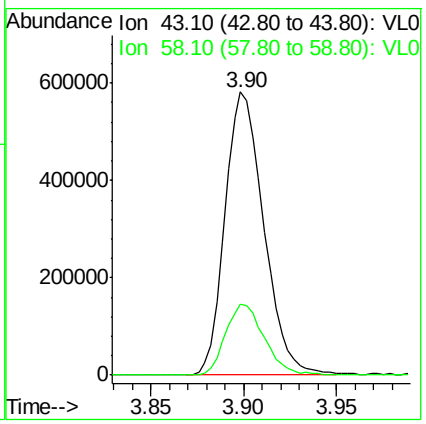


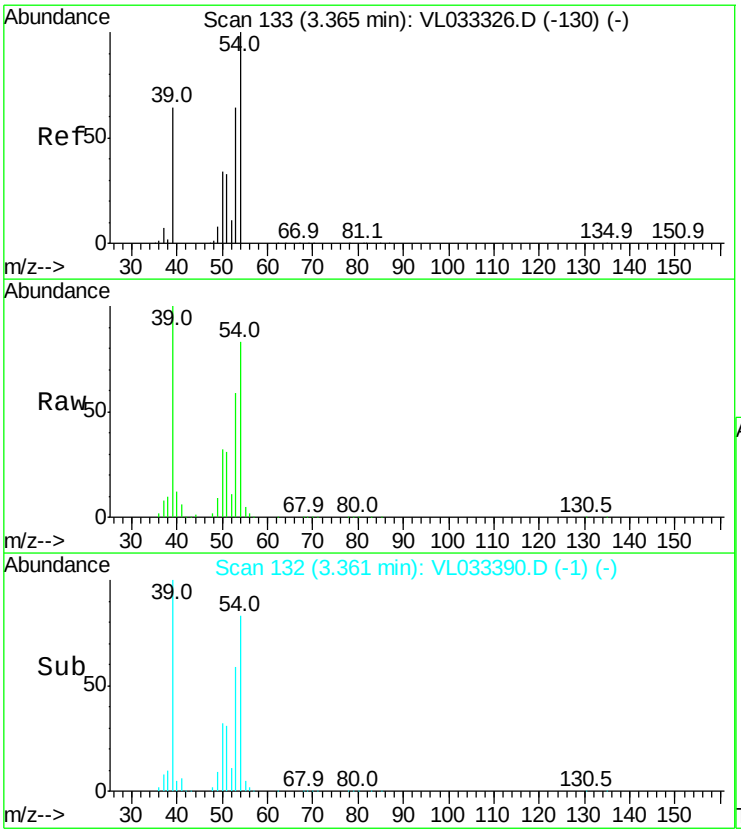
#15
Acetone
Concen: 7.244 ppbv
RT: 3.90 min Scan# 299
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 844642

Ion	Ratio	Lower	Upper
43	100		
58	25.3	20.4	30.6

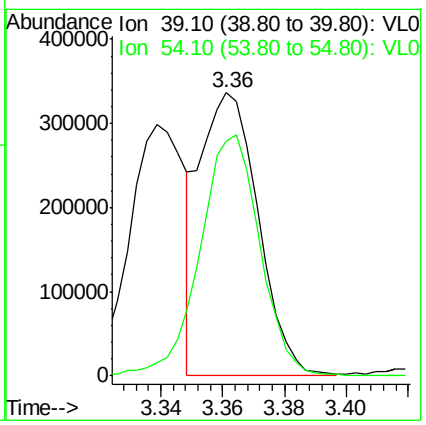


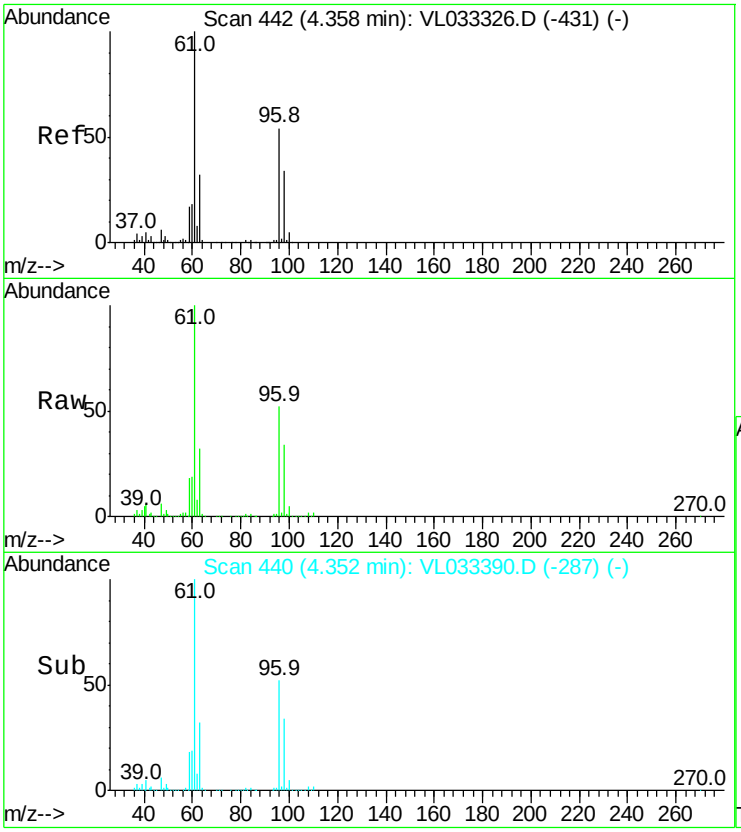


#16
1,3-Butadiene
Concen: 11.512 ppbv
RT: 3.36 min Scan# 132
Delta R.T. -0.00 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Tgt Ion: 39 Resp: 436016

Ion	Ratio	Lower	Upper
39	100		
54	88.8	76.8	115.2



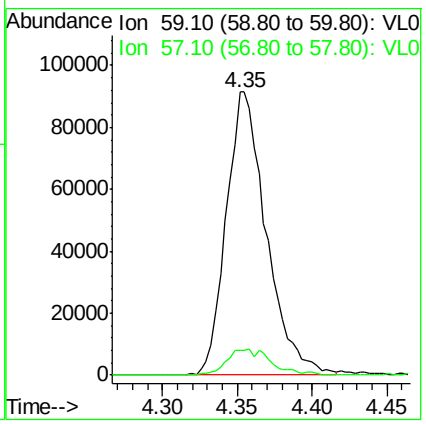


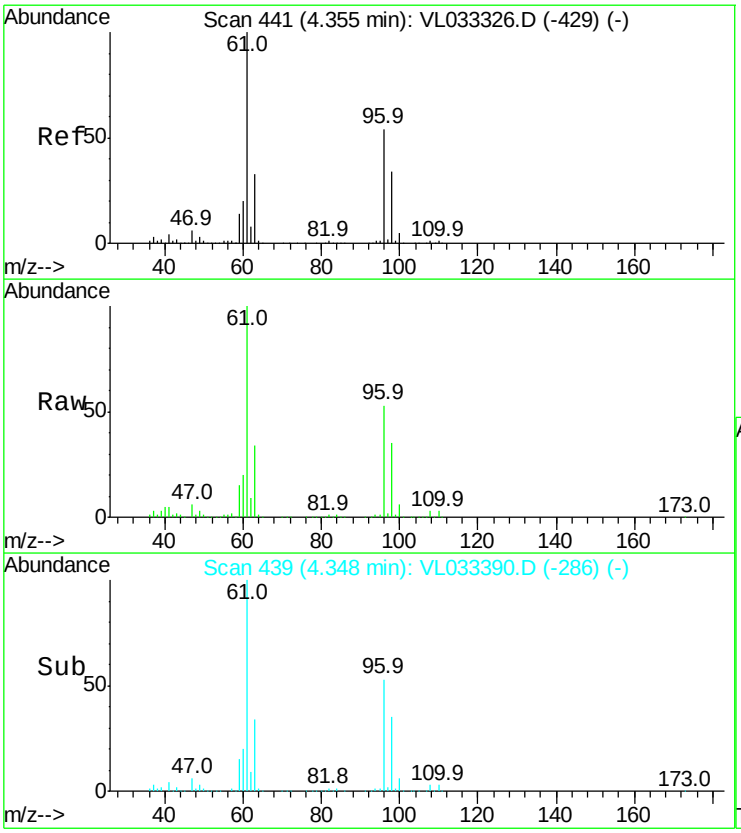
#17
tert-Butyl alcohol
Concen: 10.383 ppbv
RT: 4.35 min Scan# 440
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 170382

Ion	Ratio	Lower	Upper
59	100		
57	10.0	7.7	11.5

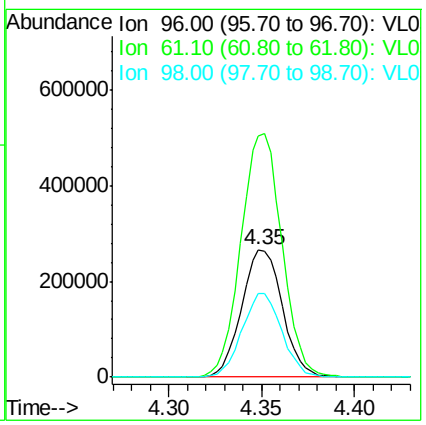


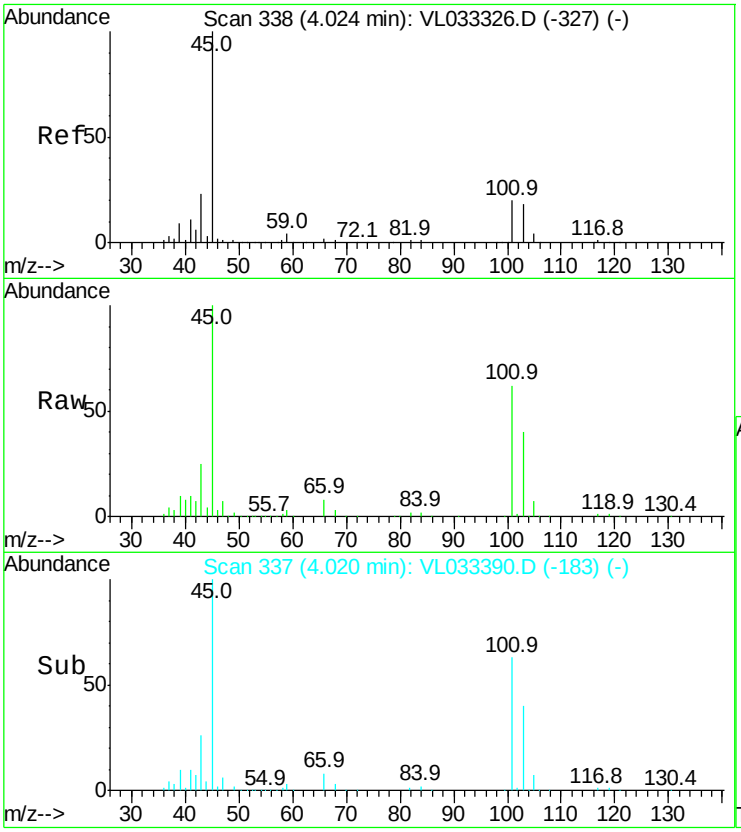


#18
1,1-Dichloroethene
Concen: 10.245 ppbv
RT: 4.35 min Scan# 439
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Tgt Ion: 96 Resp: 408283

Ion	Ratio	Lower	Upper
96	100		
61	189.7	148.6	222.8
98	66.1	50.3	75.5



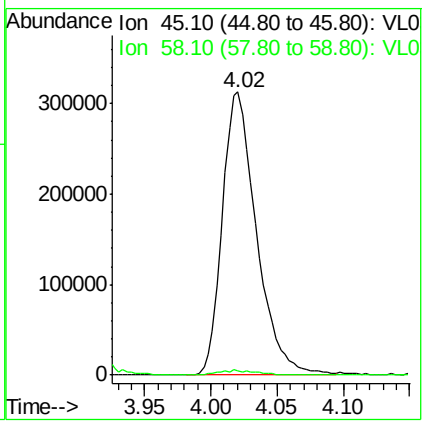


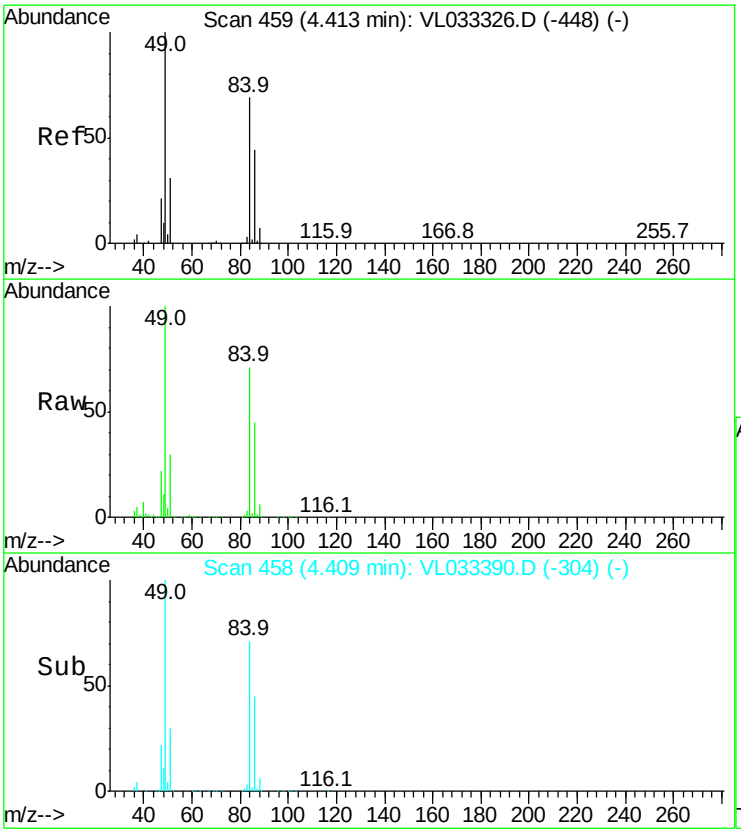
#19
Isopropyl Alcohol
Concen: 10.114 ppbv
RT: 4.02 min Scan# 337
Delta R.T. -0.00 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 560988

Ion	Ratio	Lower	Upper
45	100		
58	2.4	1.5	2.3#

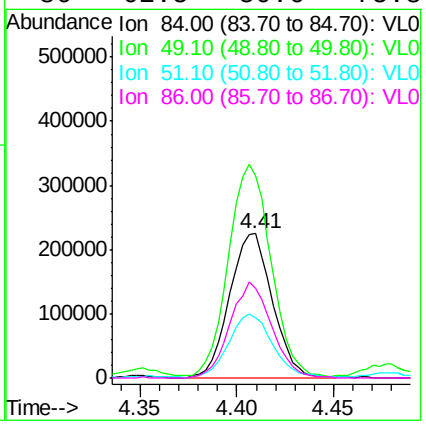


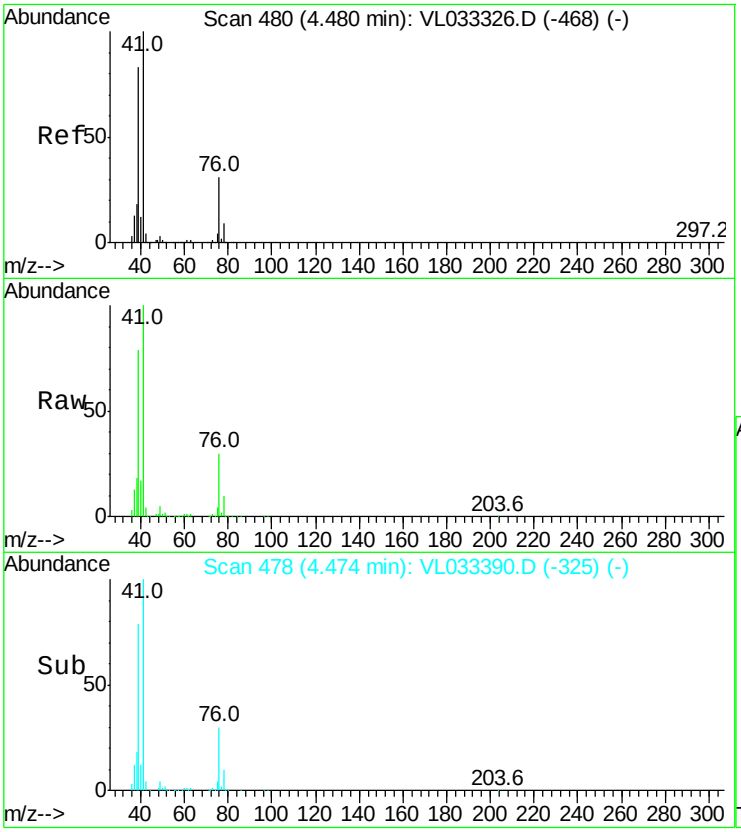


#20
Methylene Chloride
Concen: 9.042 ppbv
RT: 4.41 min Scan# 458
Delta R.T. -0.00 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Tgt Ion: 84 Resp: 343874

Ion	Ratio	Lower	Upper
84	100		
49	139.4	115.4	173.0
51	40.9	35.8	53.6
86	62.5	50.6	75.8



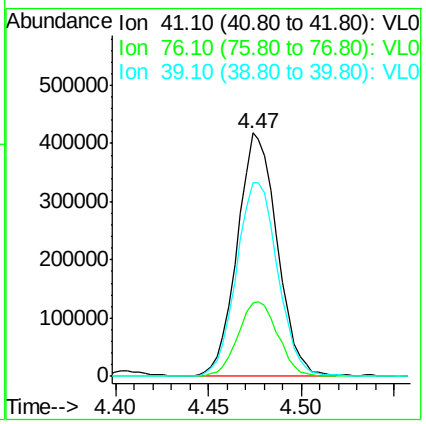


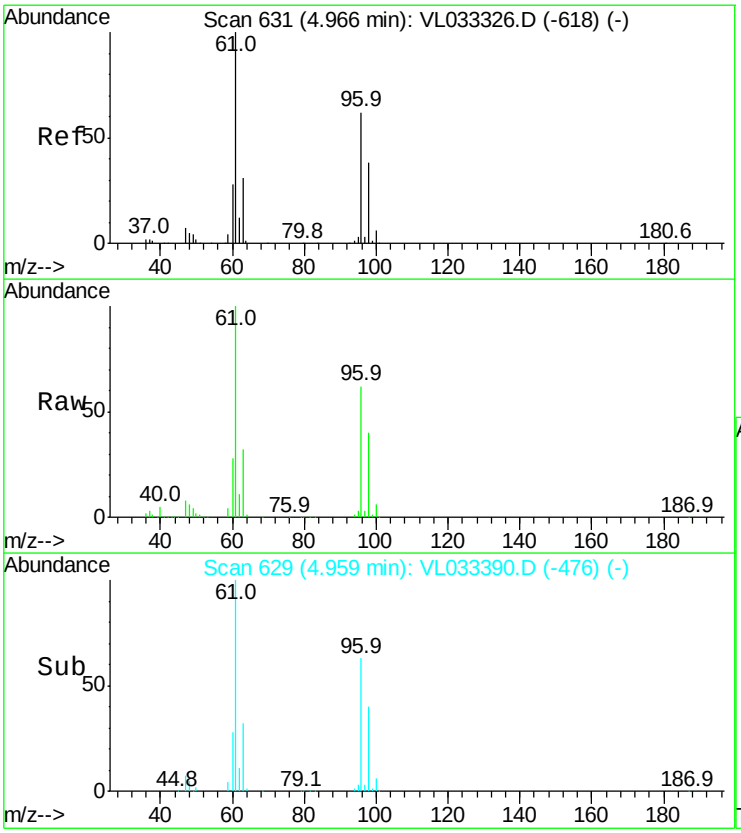
#21
Allyl Chloride
Concen: 10.932 ppbv
RT: 4.47 min Scan# 478
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 41 Resp: 618374

Ion	Ratio	Lower	Upper
41	100		
76	30.9	25.0	37.4
39	82.9	65.9	98.9

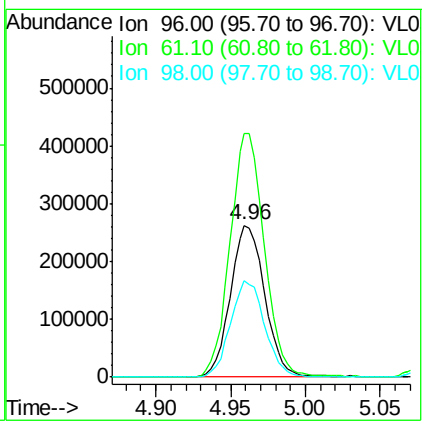


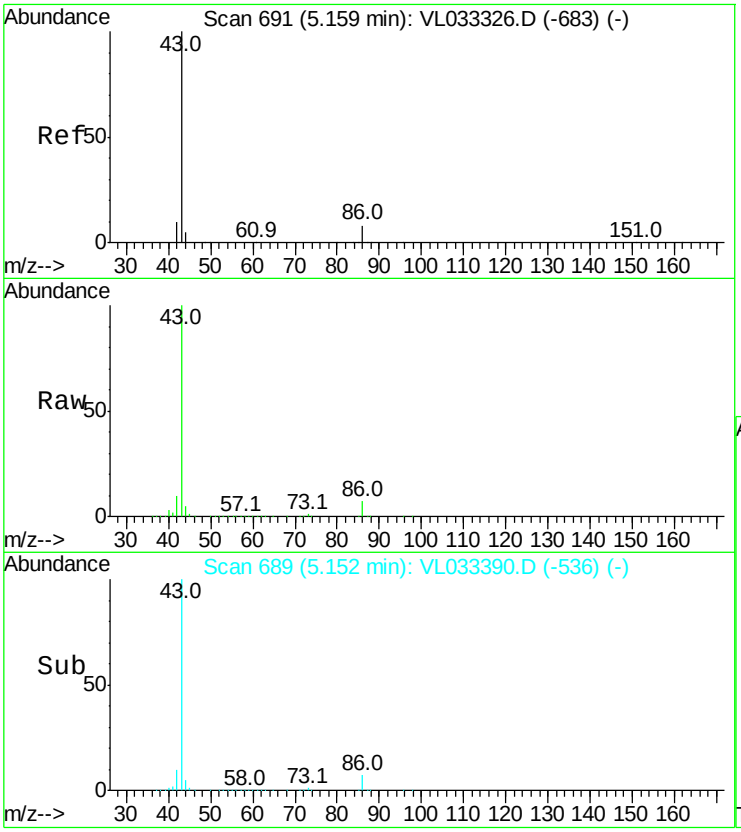


#22
trans-1,2-Dichloroethene
Concen: 10.886 ppbv
RT: 4.96 min Scan# 629
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Tgt Ion: 96 Resp: 420423

Ion	Ratio	Lower	Upper
96	100		
61	160.3	130.0	195.0
98	63.4	50.0	75.0



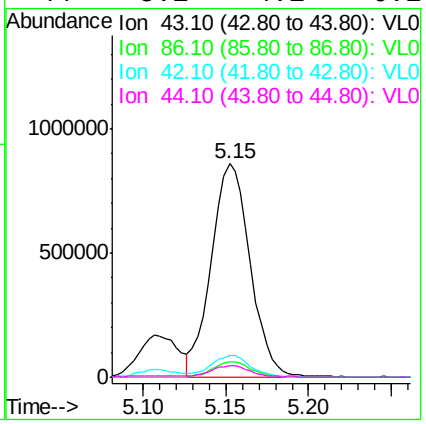


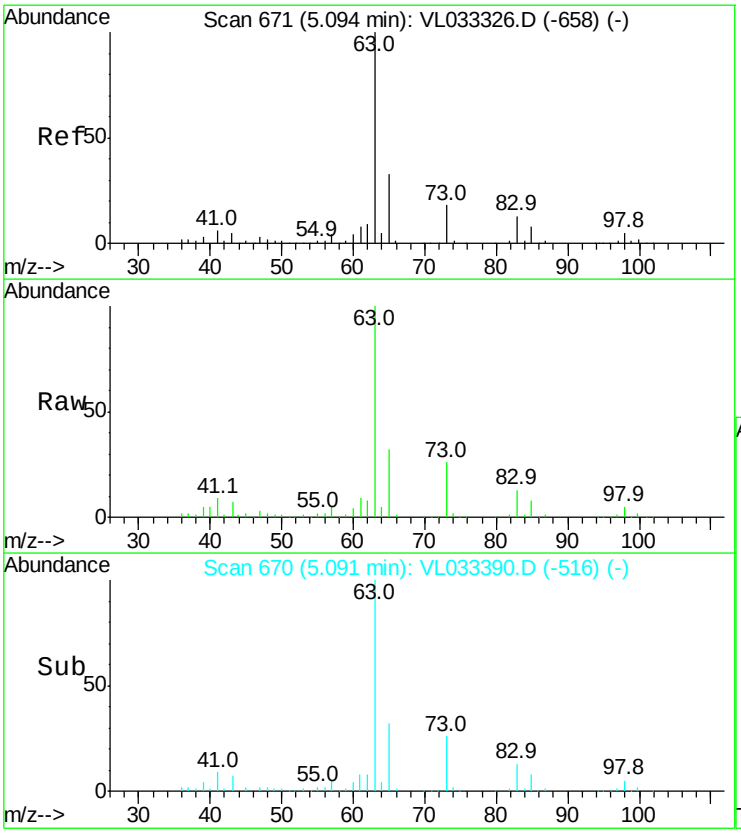
#23
Vinyl Acetate
Concen: 10.333 ppbv
RT: 5.15 min Scan# 689
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 43 Resp: 1394193

Ion	Ratio	Lower	Upper
43	100		
86	7.2	6.2	9.2
42	9.9	8.1	12.1
44	5.1	4.1	6.1

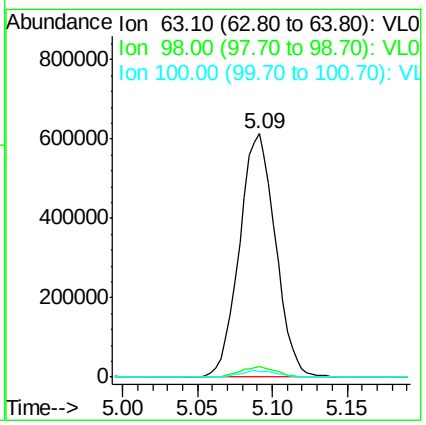


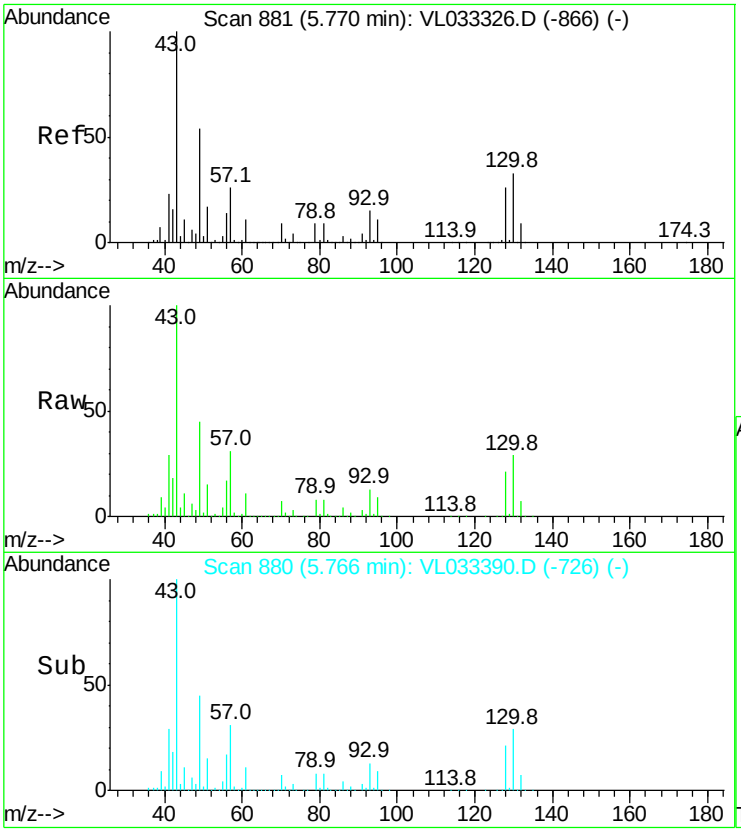


#24
1,1-Dichloroethane
Concen: 10.533 ppbv
RT: 5.09 min Scan# 670
Delta R.T. -0.00 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Tgt Ion: 63 Resp: 1026387

Ion	Ratio	Lower	Upper
63	100		
98	4.6	2.4	7.1
100	2.5	1.3	3.8



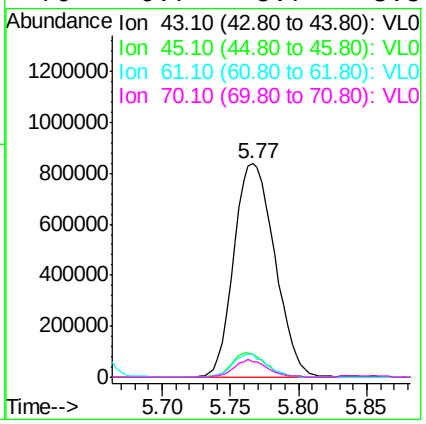


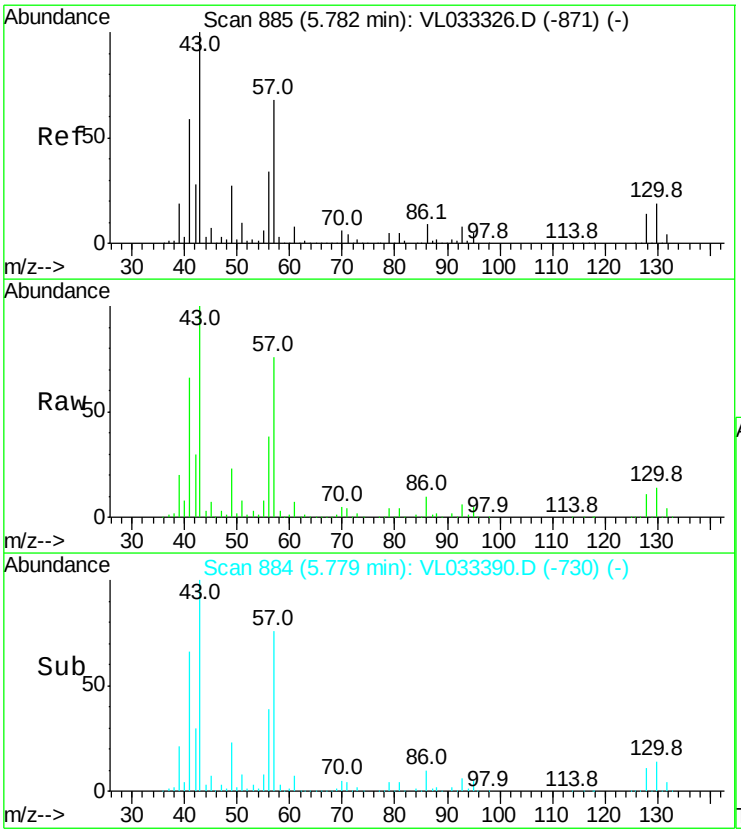
#25
Ethyl Acetate
Concen: 10.305 ppbv
RT: 5.77 min Scan# 880
Delta R.T. -0.00 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 43 Resp: 1746821

Ion	Ratio	Lower	Upper
43	100		
45	9.8	7.9	11.9
61	9.3	7.4	11.2
70	6.7	5.7	8.5

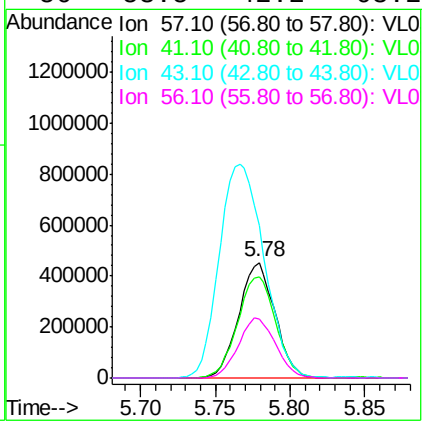


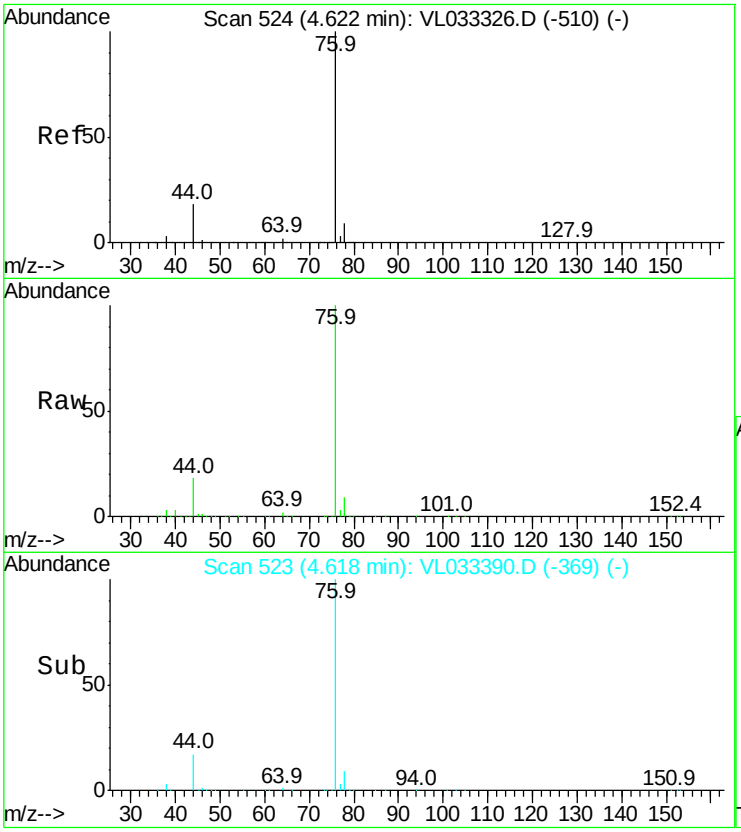


#26
Hexane
Concen: 10.072 ppbv
RT: 5.78 min Scan# 884
Delta R.T. -0.00 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Tgt Ion: 57 Resp: 763238

Ion	Ratio	Lower	Upper
57	100		
41	92.5	70.5	105.7
43	229.9	181.8	272.8
56	53.5	42.2	63.2



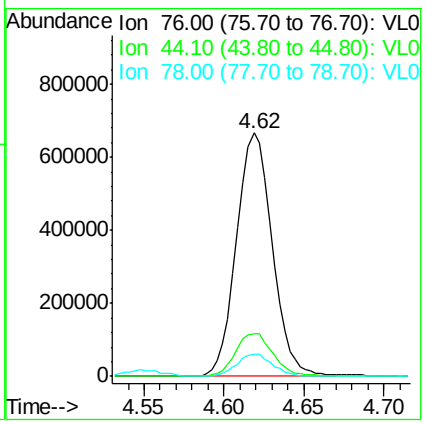


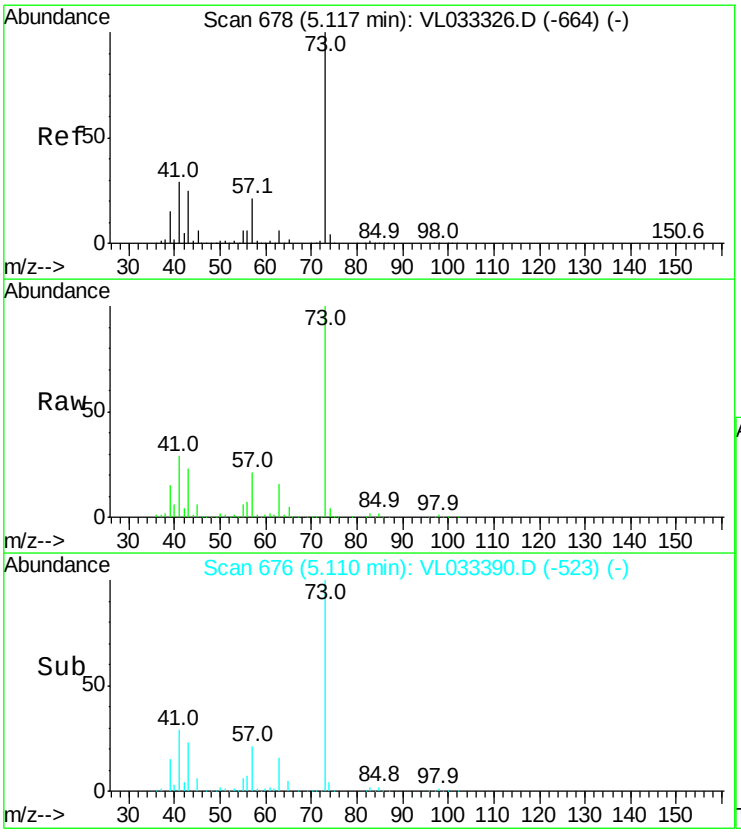
#27
Carbon Disulfide
Concen: 11.647 ppbv
RT: 4.62 min Scan# 523
Delta R.T. -0.00 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 76 Resp: 1016067

Ion	Ratio	Lower	Upper
76	100		
44	18.4	15.2	22.8
78	9.4	7.2	10.8

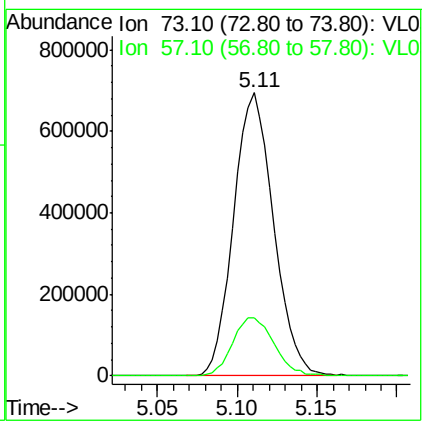


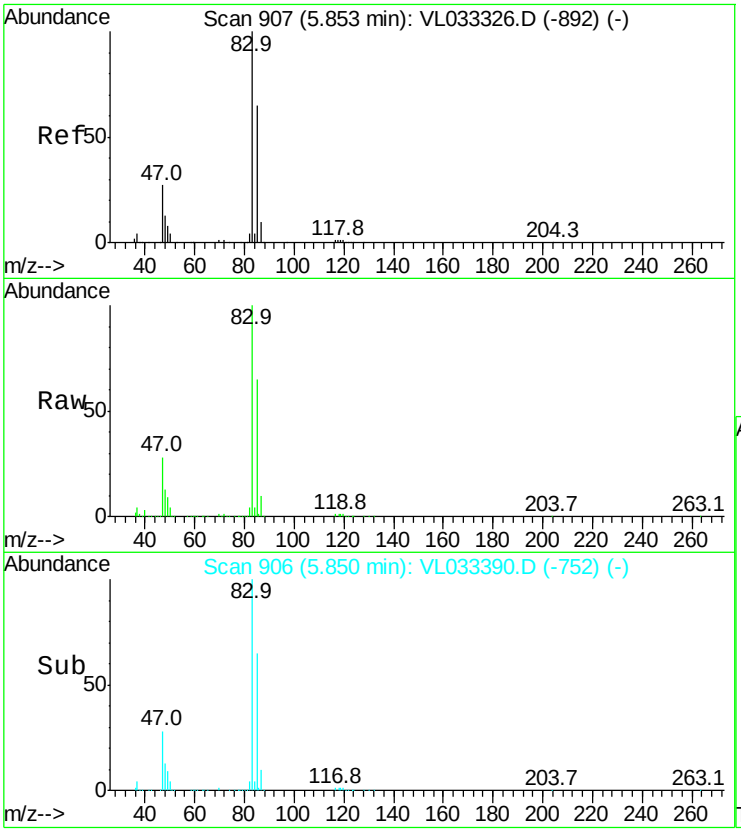


#28
Methyl tert-Butyl Ether
Concen: 10.500 ppbv
RT: 5.11 min Scan# 676
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Tgt Ion: 73 Resp: 1181844

Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.4	26.0



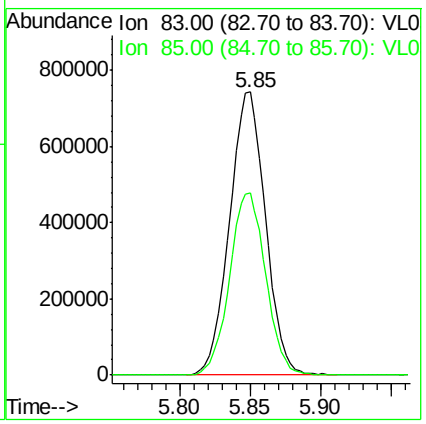


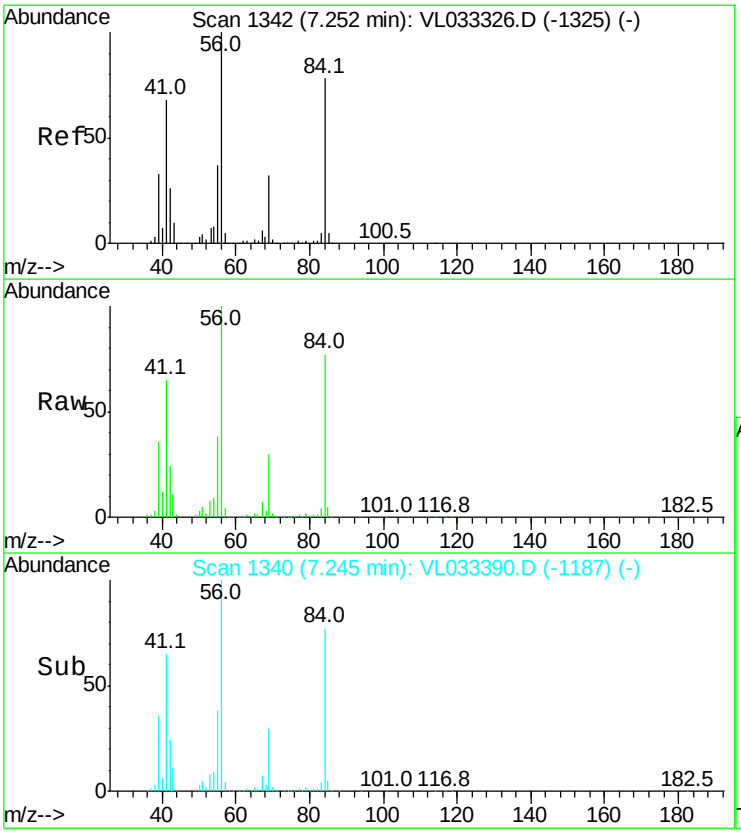
#29
Chloroform
Concen: 10.676 ppbv
RT: 5.85 min Scan# 906
Delta R.T. -0.00 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 83 Resp: 1324663

Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.0	78.0

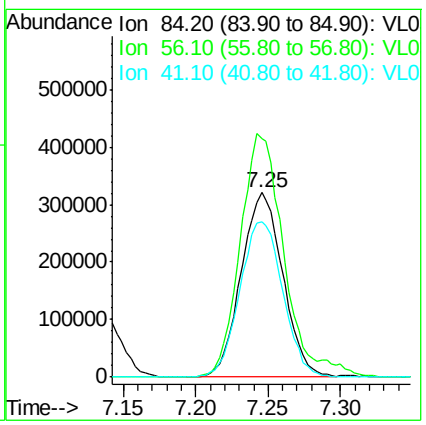


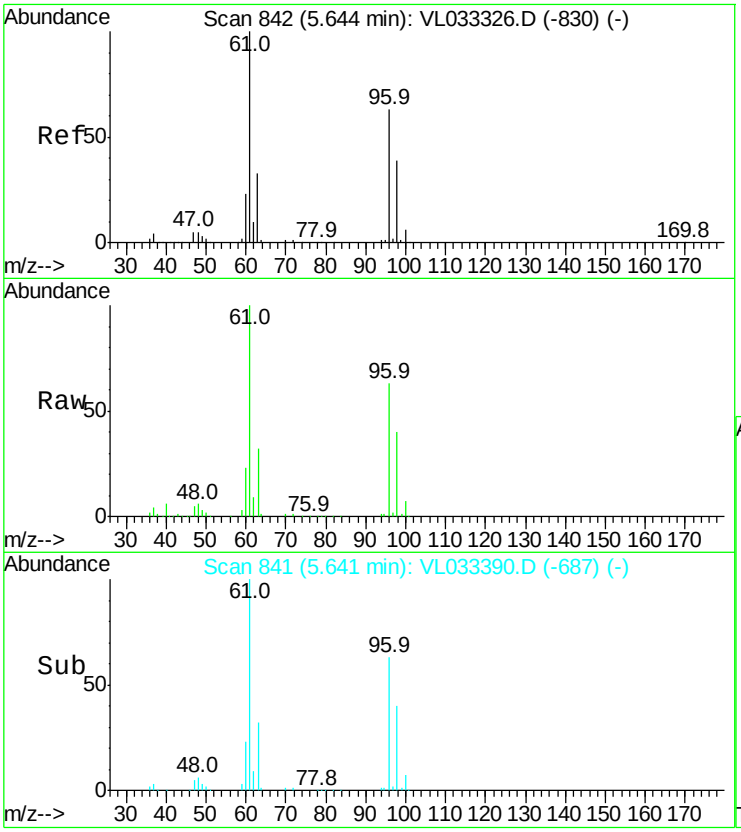


#30
Cyclohexane
Concen: 10.561 ppbv
RT: 7.25 min Scan# 1340
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Tgt Ion: 84 Resp: 641659

Ion	Ratio	Lower	Upper
84	100		
56	139.0	111.3	166.9
41	87.2	69.6	104.4



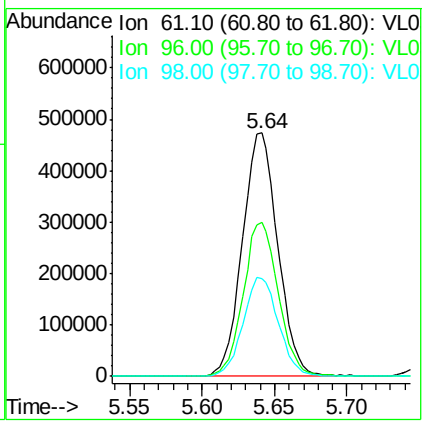


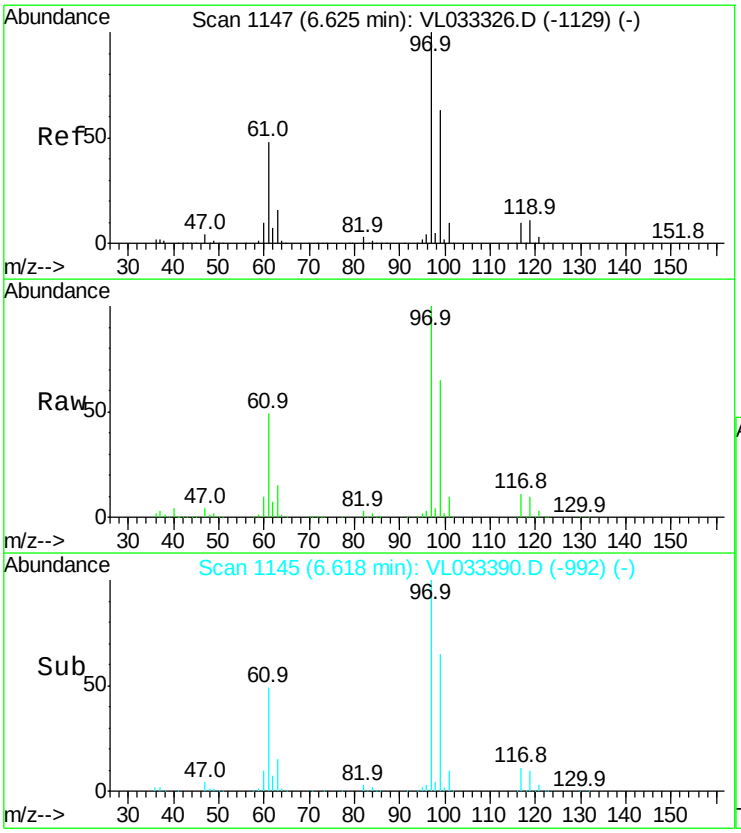
#31
cis-1,2-Dichloroethene
Concen: 10.622 ppbv
RT: 5.64 min Scan# 841
Delta R.T. -0.00 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 61 Resp: 804825

Ion	Ratio	Lower	Upper
61	100		
96	63.1	50.3	75.5
98	40.0	31.5	47.3

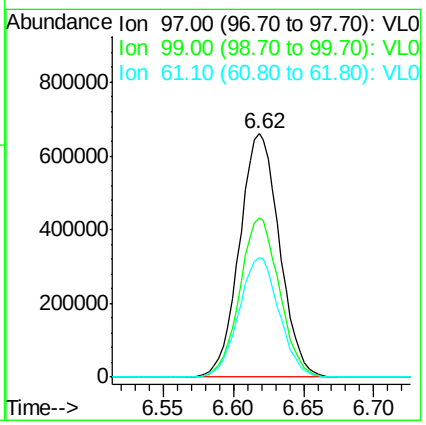


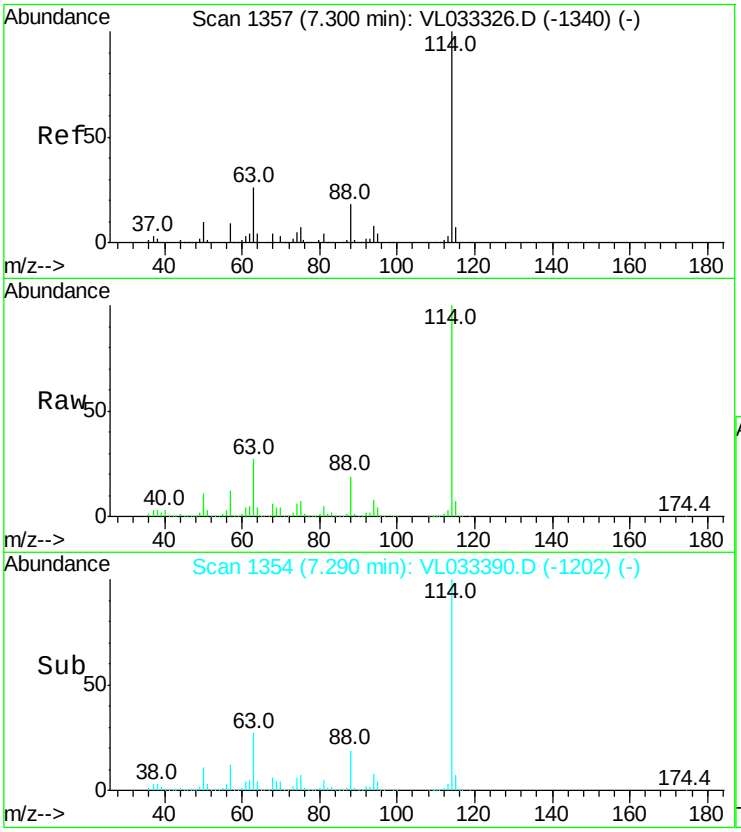


#32
1,1,1-Trichloroethane
Concen: 10.752 ppbv
RT: 6.62 min Scan# 1145
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Tgt Ion: 97 Resp: 1309868

Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.0	76.6
61	49.6	39.3	58.9



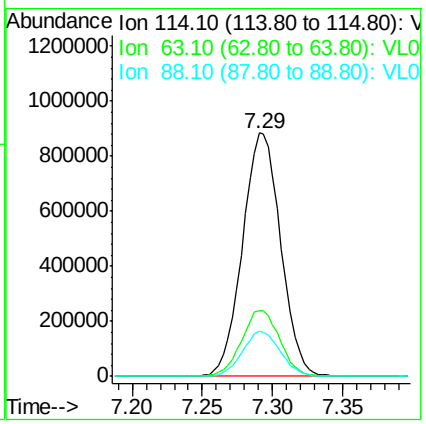


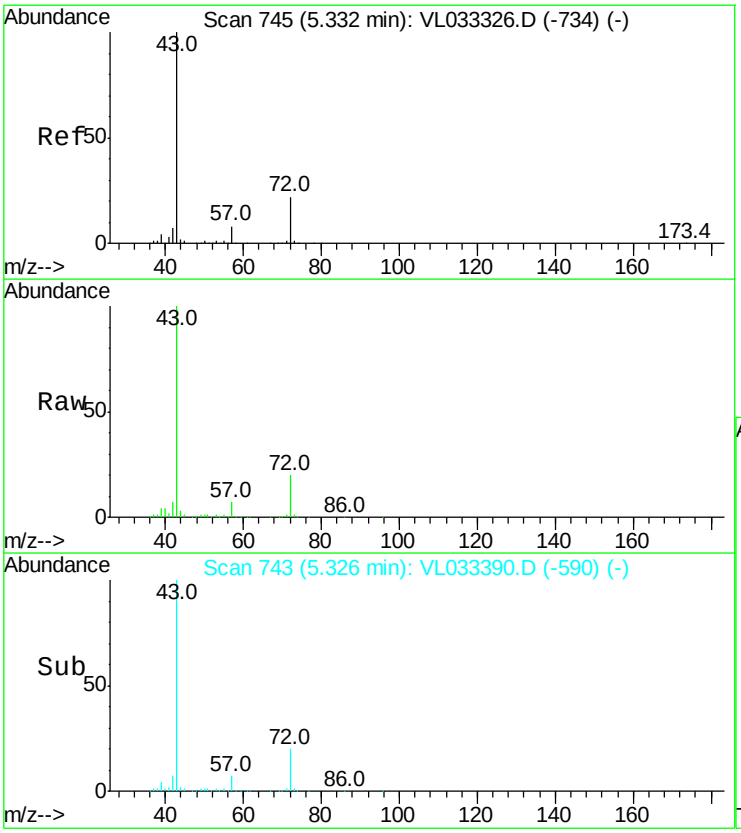
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:114 Resp: 1676269

Ion	Ratio	Lower	Upper
114	100		
63	27.6	21.4	32.2
88	18.4	14.5	21.7

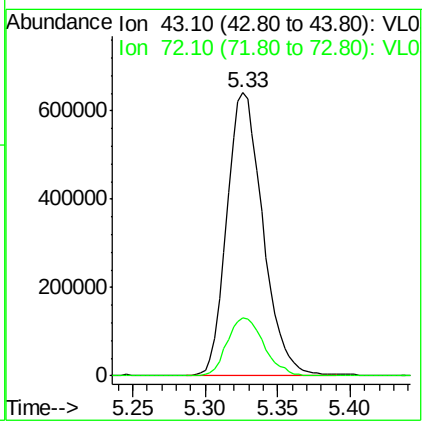


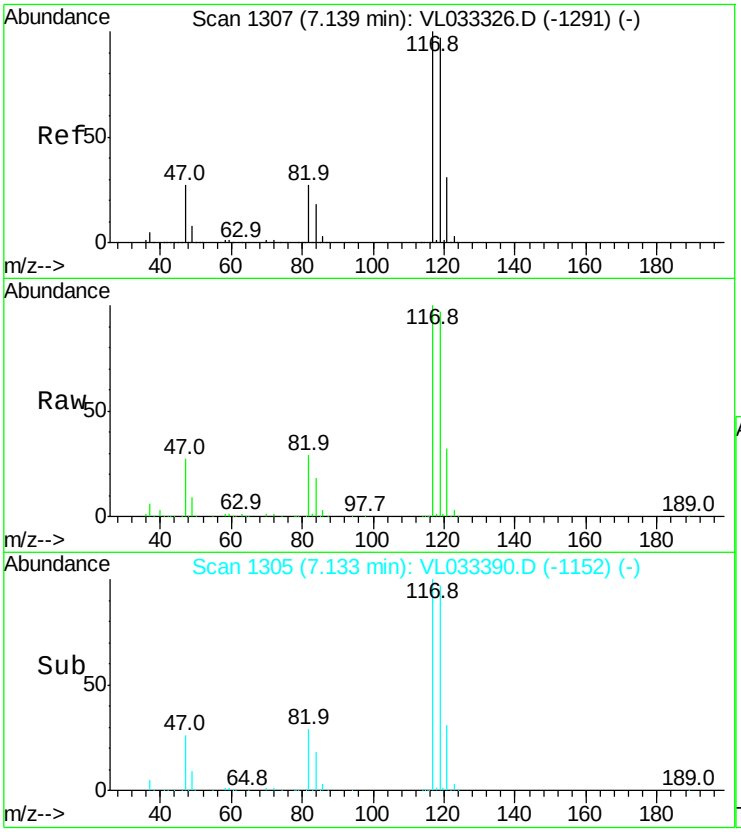


#34
2-Butanone
Concen: 10.005 ppbv
RT: 5.33 min Scan# 743
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Tgt Ion: 43 Resp: 1101453

Ion	Ratio	Lower	Upper
43	100		
72	21.2	17.7	26.5



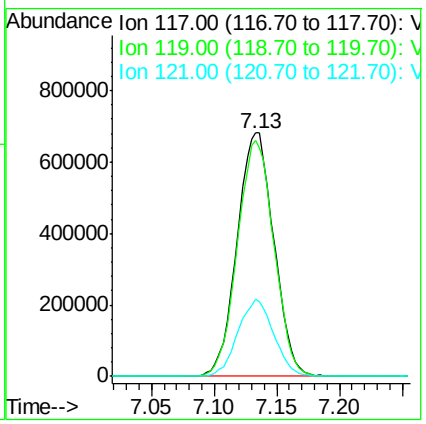


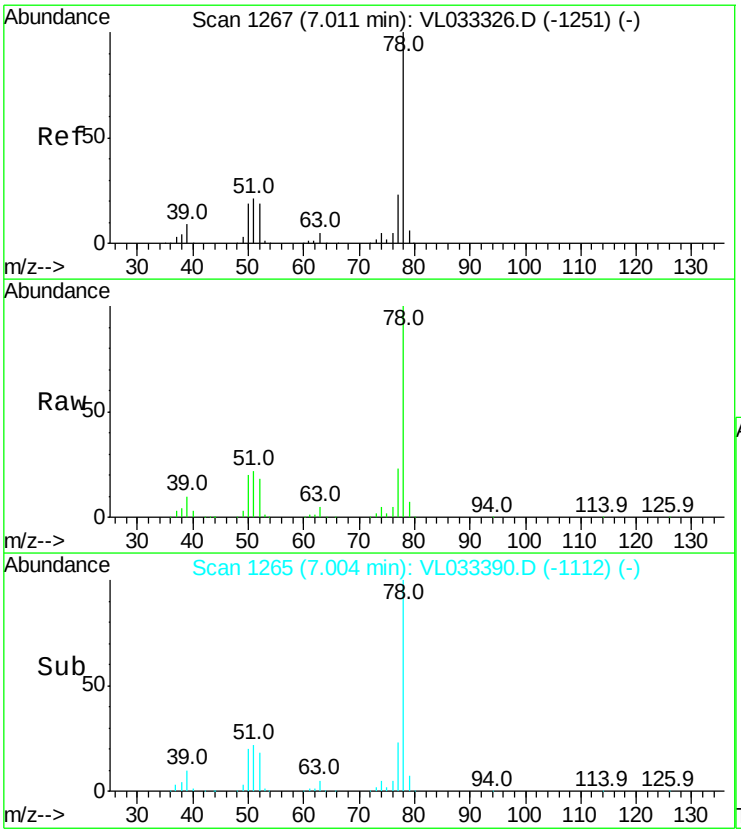
#35
Carbon Tetrachloride
Concen: 11.735 ppbv
RT: 7.13 min Scan# 1305
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion:117 Resp: 1386768

Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.4	116.0
121	31.5	24.9	37.3

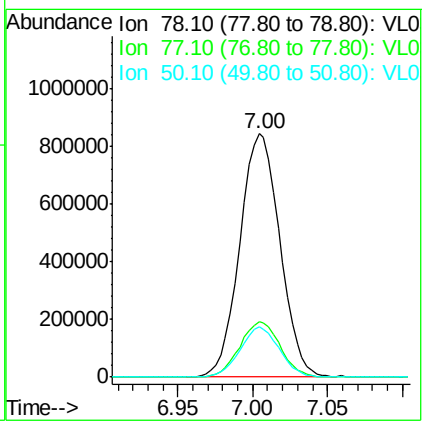


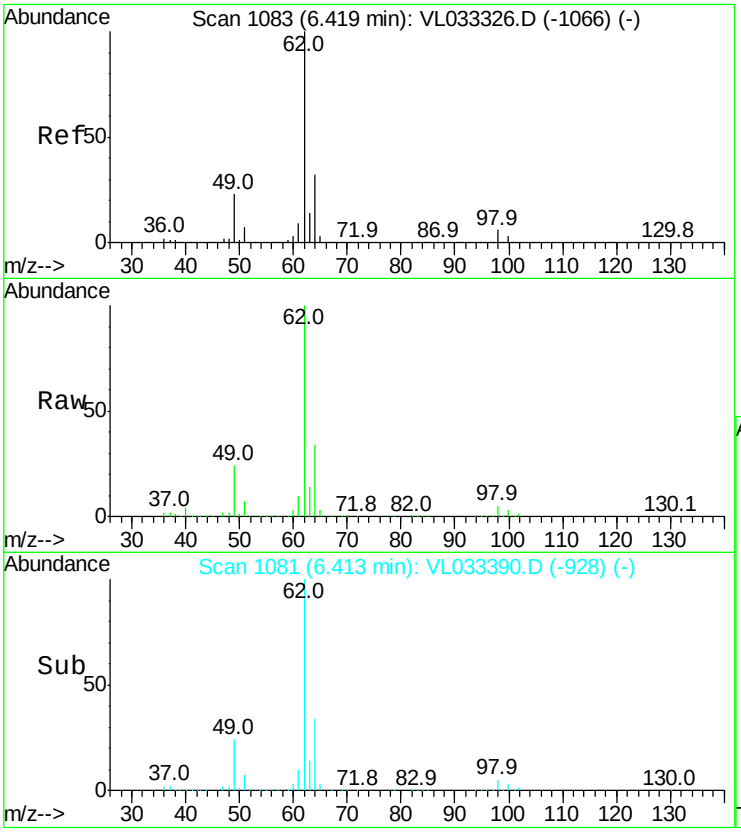


#36
Benzene
Concen: 10.509 ppbv
RT: 7.00 min Scan# 1265
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Tgt Ion: 78 Resp: 1576483

Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.1	27.1
50	20.4	15.2	22.8



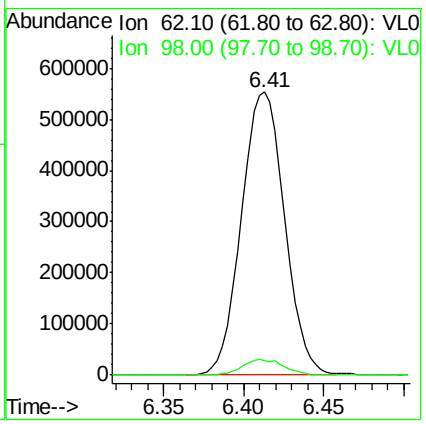


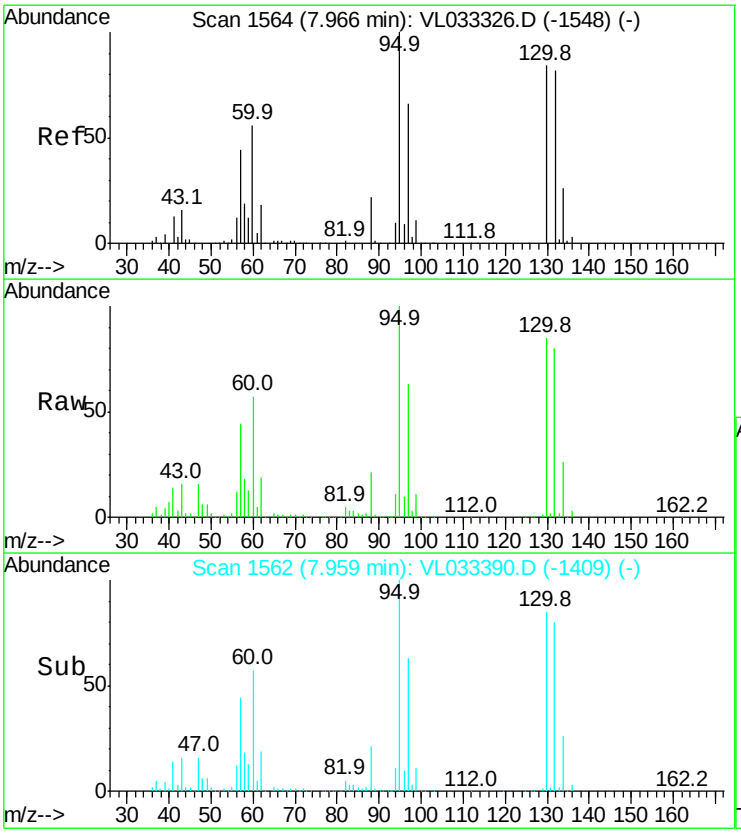
#37
1,2-Dichloroethane
Concen: 10.750 ppbv
RT: 6.41 min Scan# 1081
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 62 Resp: 1019723

Ion	Ratio	Lower	Upper
62	100		
98	5.5	4.5	6.7

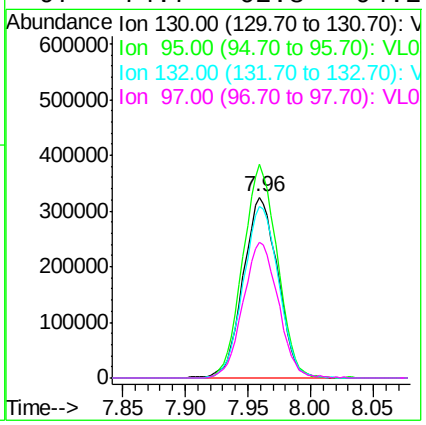


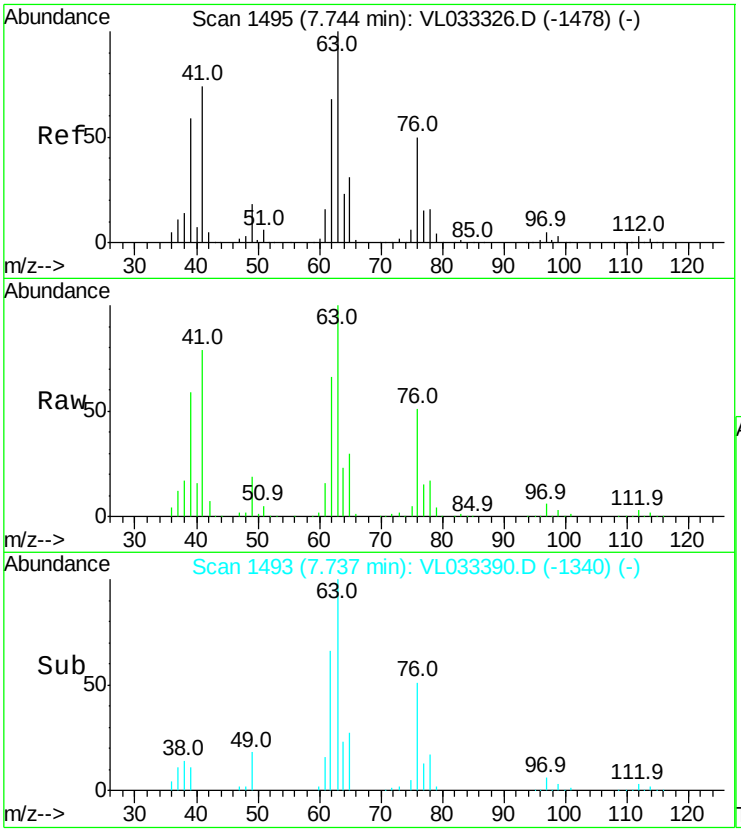


#38
Trichloroethene
Concen: 11.046 ppbv
RT: 7.96 min Scan# 1562
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Tgt Ion:130 Resp: 627065

Ion	Ratio	Lower	Upper
130	100		
95	118.1	95.2	142.8
132	94.8	77.7	116.5
97	74.7	62.8	94.2



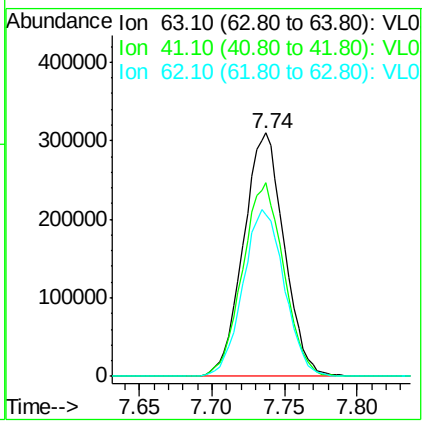


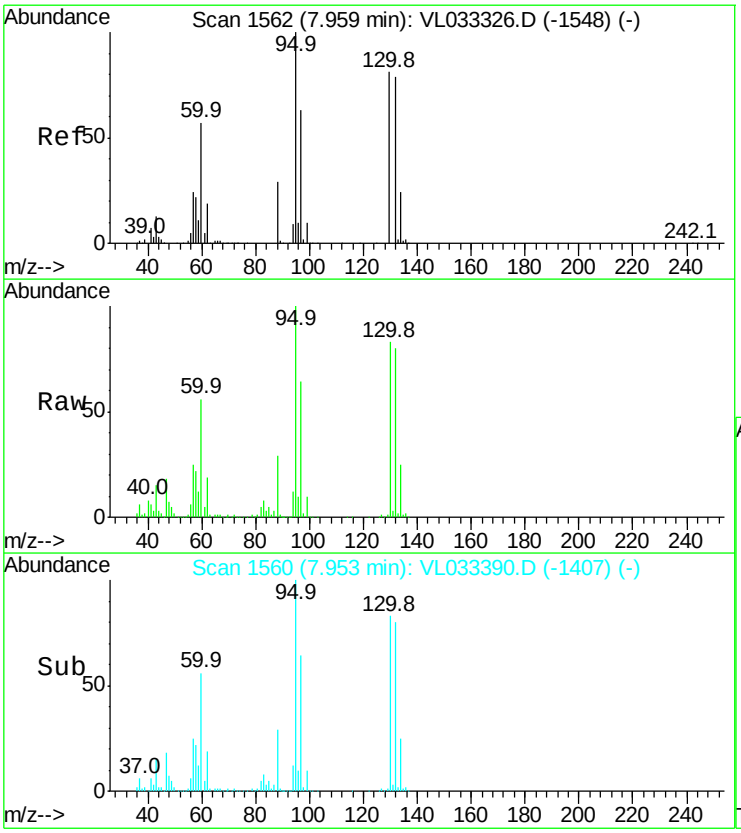
#39
1,2-Dichloropropane
Concen: 10.780 ppbv
RT: 7.74 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 63 Resp: 605635

Ion	Ratio	Lower	Upper
63	100		
41	79.3	59.5	89.3
62	66.2	54.7	82.1

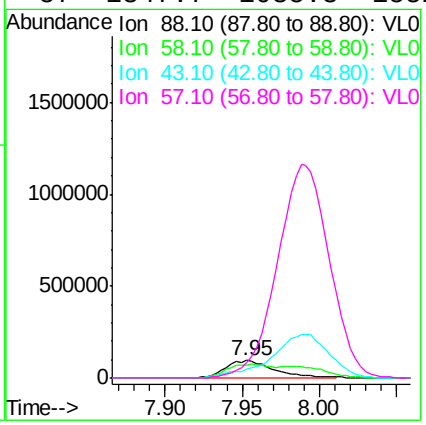


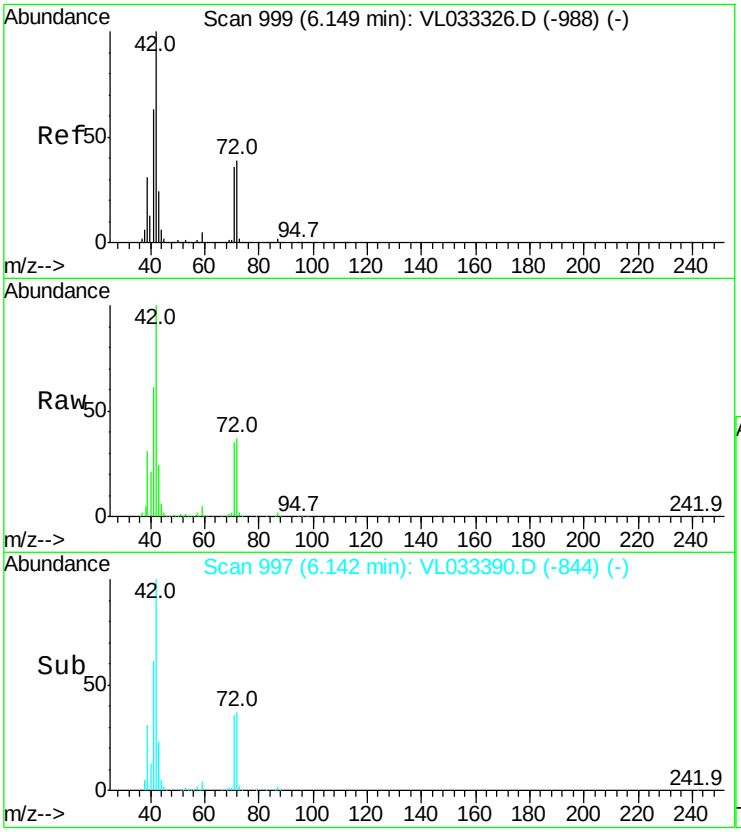


#40
1,4-Dioxane
Concen: 10.200 ppbv
RT: 7.95 min Scan# 1560
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Tgt Ion: 88 Resp: 201787

Ion	Ratio	Lower	Upper
88	100		
58	139.5	107.9	161.9
43	305.8	230.8	346.2
57	1347.7	1035.3	1552.9



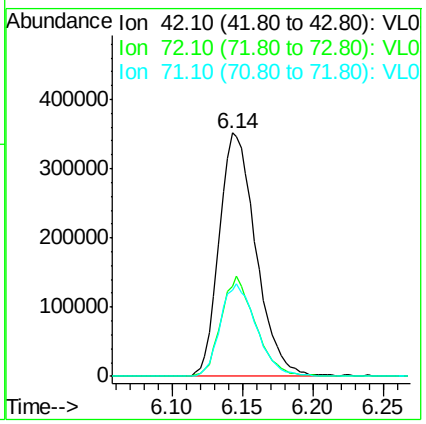


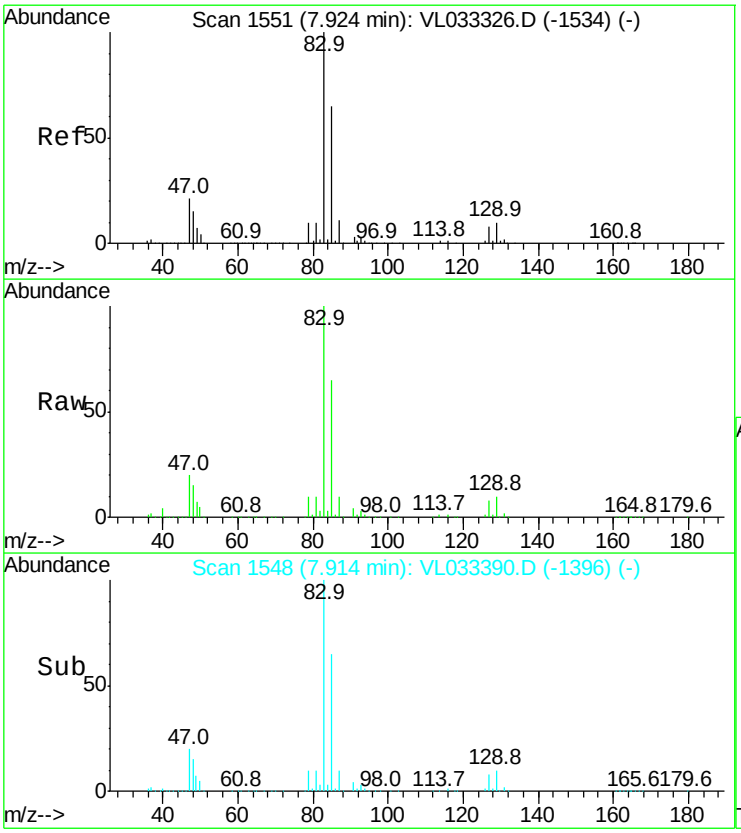
#41
Tetrahydrofuran
Concen: 10.792 ppbv
RT: 6.14 min Scan# 997
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 42 Resp: 633976

Ion	Ratio	Lower	Upper
42	100		
72	38.9	31.6	47.4
71	37.8	29.9	44.9

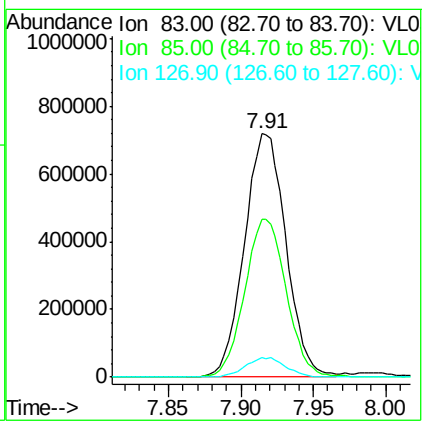


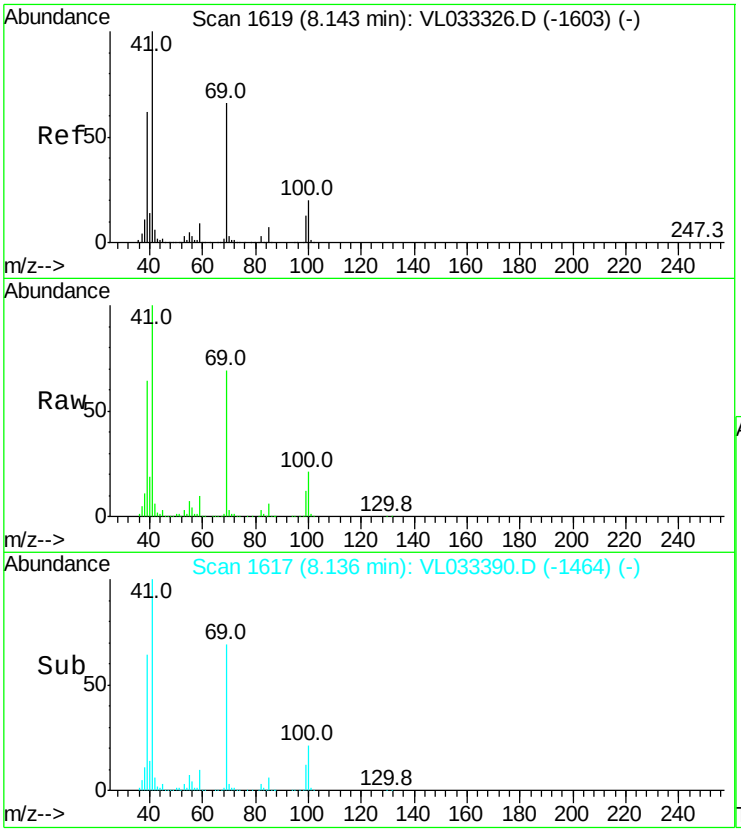


#42
Bromodichloromethane
Concen: 11.291 ppbv
RT: 7.91 min Scan# 1548
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Tgt Ion: 83 Resp: 1435997

Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.8	77.6
127	8.2	6.2	9.2



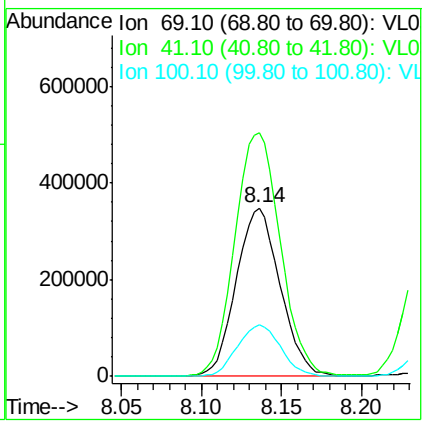


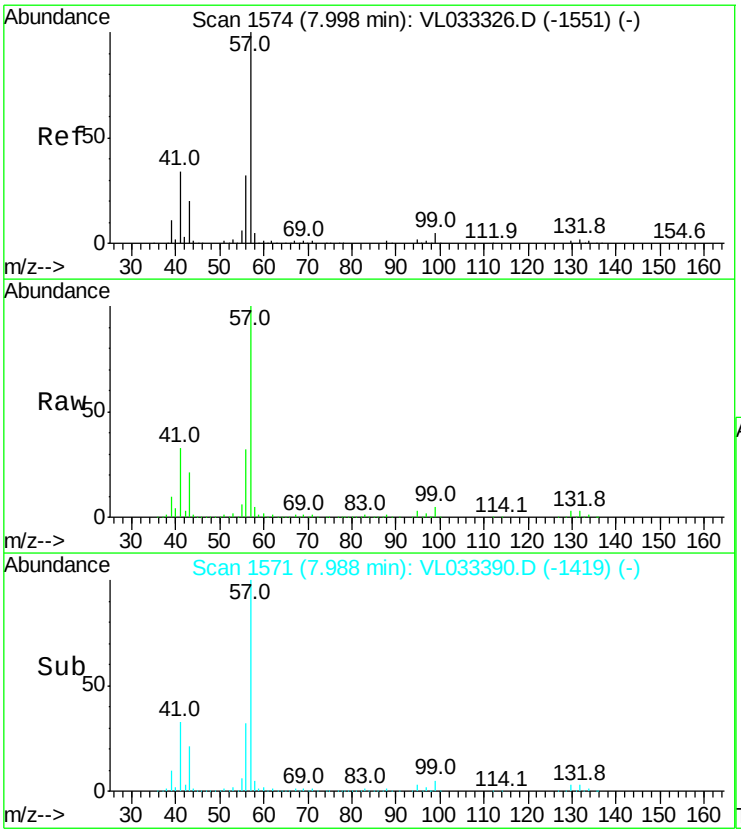
#43
Methyl Methacrylate
Concen: 11.173 ppbv
RT: 8.14 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 69 Resp: 652638

Ion	Ratio	Lower	Upper
69	100		
41	150.7	119.5	179.3
100	30.6	24.4	36.6

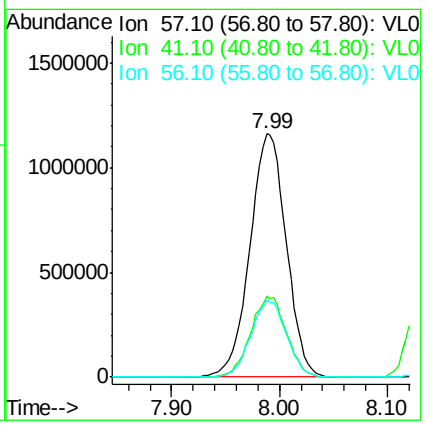


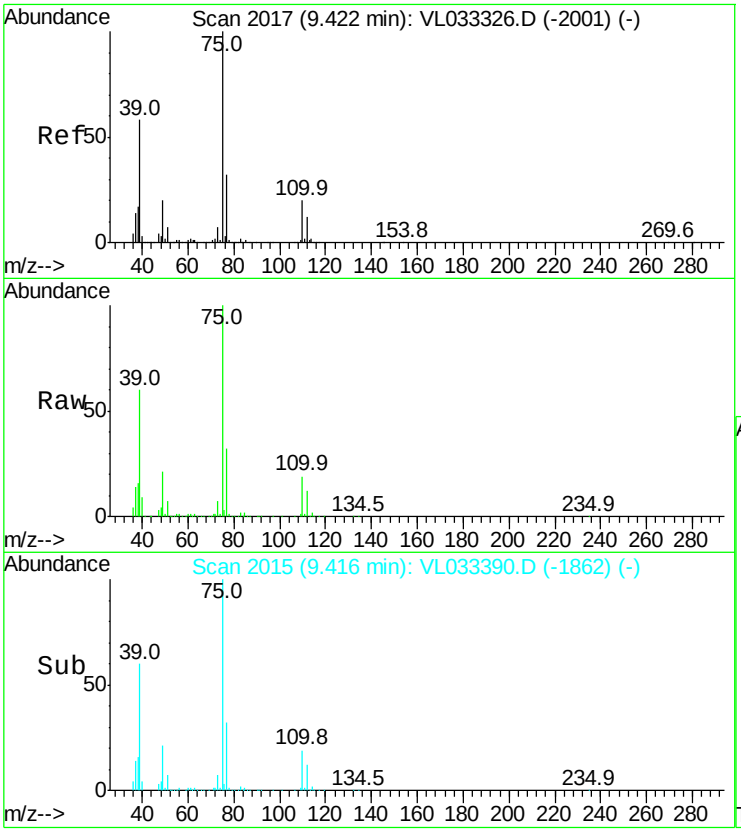


#44
2,2,4-Trimethylpentane
Concen: 10.929 ppbv
RT: 7.99 min Scan# 1571
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Tgt Ion: 57 Resp: 2715554

Ion	Ratio	Lower	Upper
57	100		
41	32.7	26.0	39.0
56	30.7	24.6	36.8



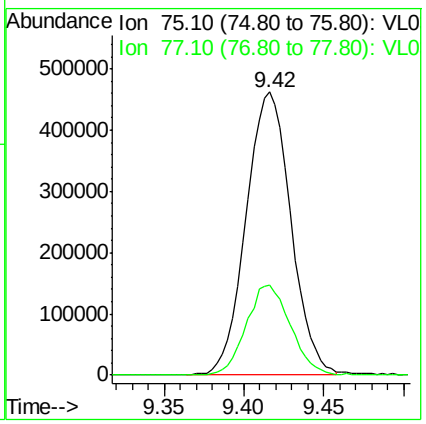


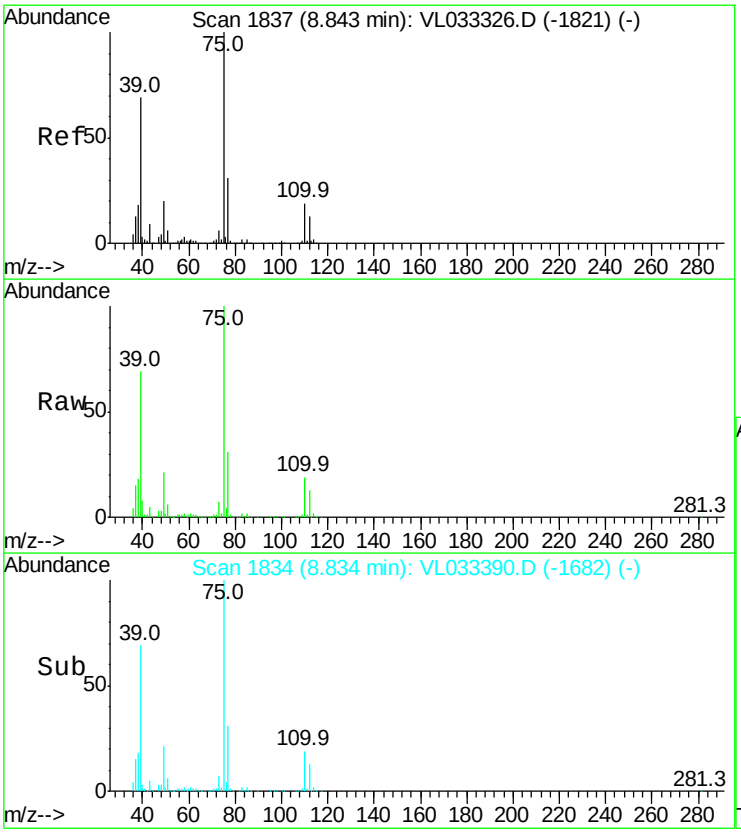
#45
t-1,3-Dichloropropene
Concen: 12.302 ppbv
RT: 9.42 min Scan# 2015
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 887206

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.5	38.3

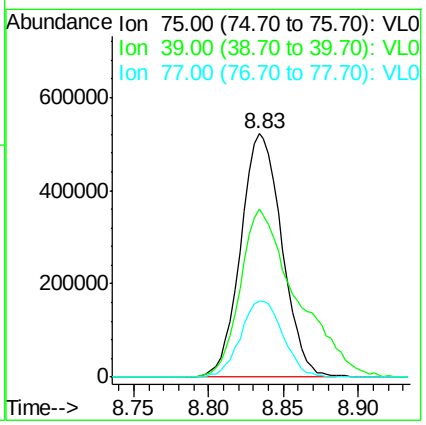


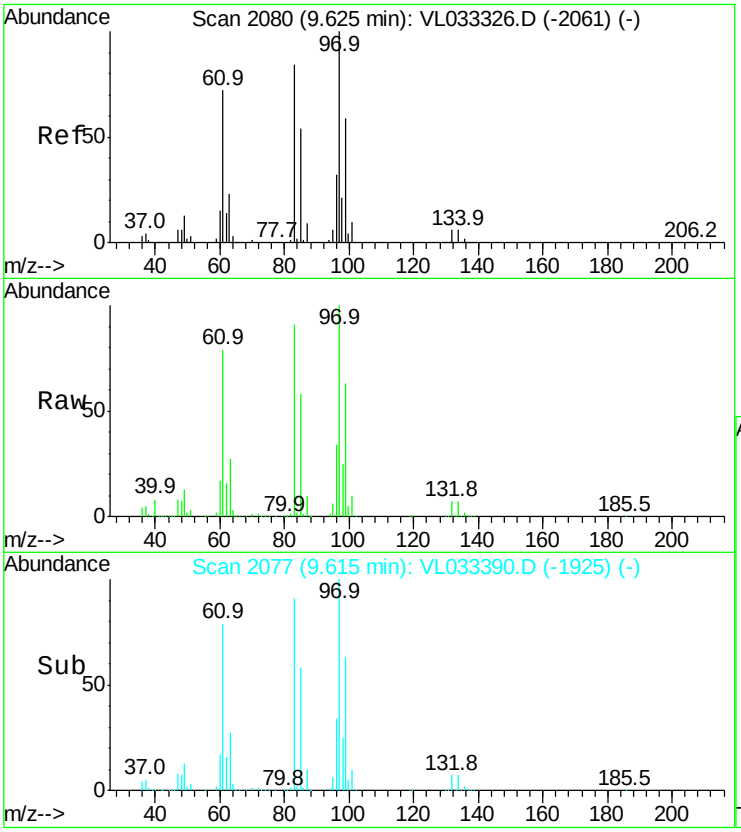


#46
cis-1,3-Dichloropropene
Concen: 11.759 ppbv
RT: 8.83 min Scan# 1834
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Tgt Ion: 75 Resp: 998554

Ion	Ratio	Lower	Upper
75	100		
39	68.9	55.0	82.6
77	31.2	24.5	36.7



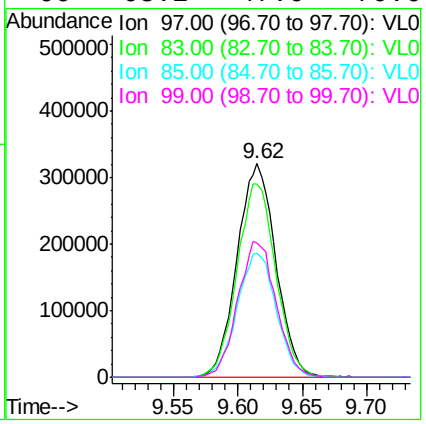


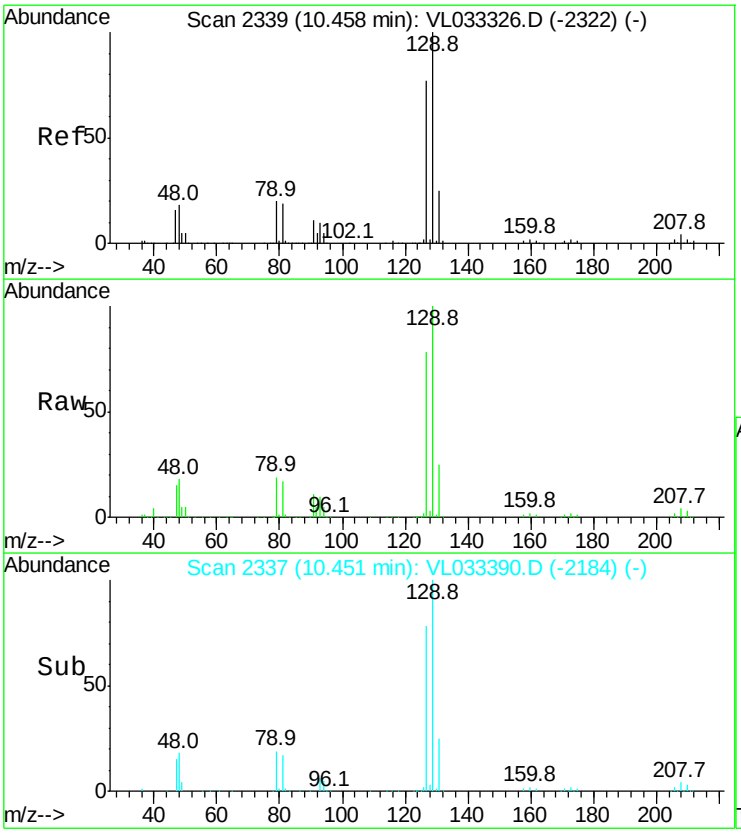
#47
1,1,2-Trichloroethane
Concen: 10.825 ppbv
RT: 9.62 min Scan# 2077
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 97 Resp: 671897

Ion	Ratio	Lower	Upper
97	100		
83	90.7	67.4	101.0
85	57.7	43.0	64.4
99	63.2	47.0	70.6

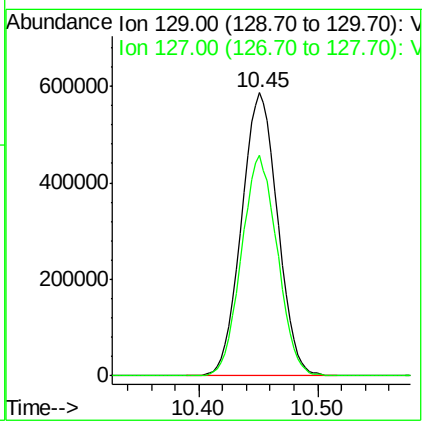


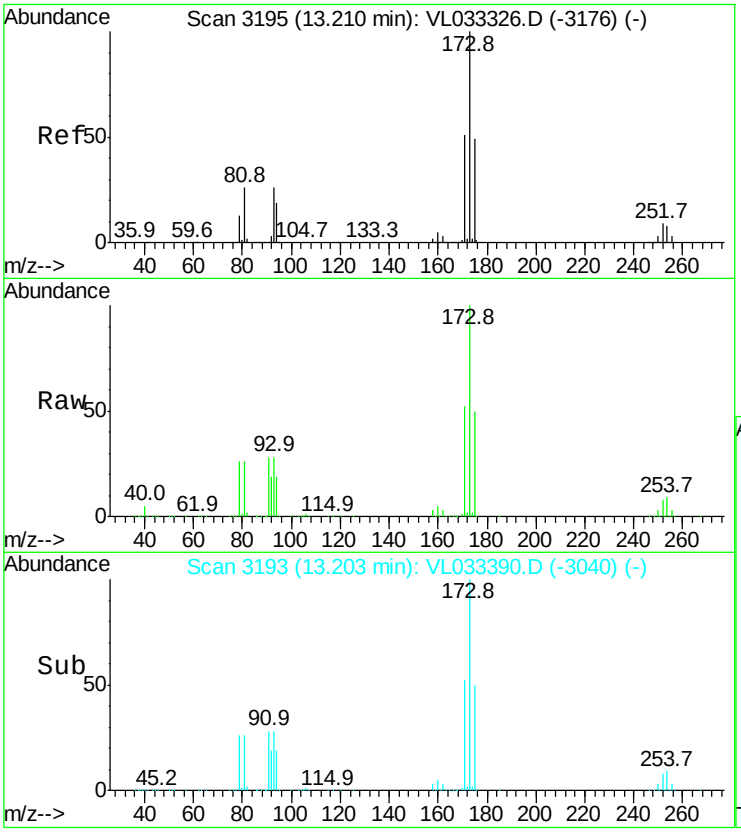


#48
Dibromochloromethane
Concen: 11.827 ppbv
RT: 10.45 min Scan# 2337
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Tgt Ion:129 Resp: 1231205

Ion	Ratio	Lower	Upper
129	100		
127	77.6	38.9	116.6



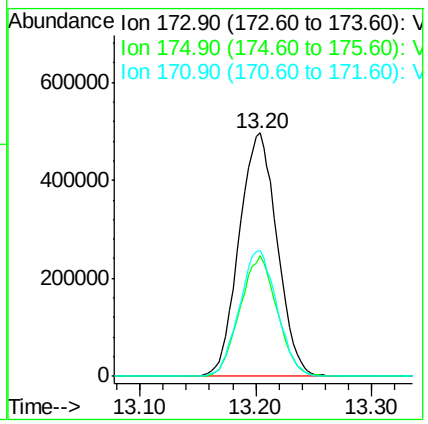


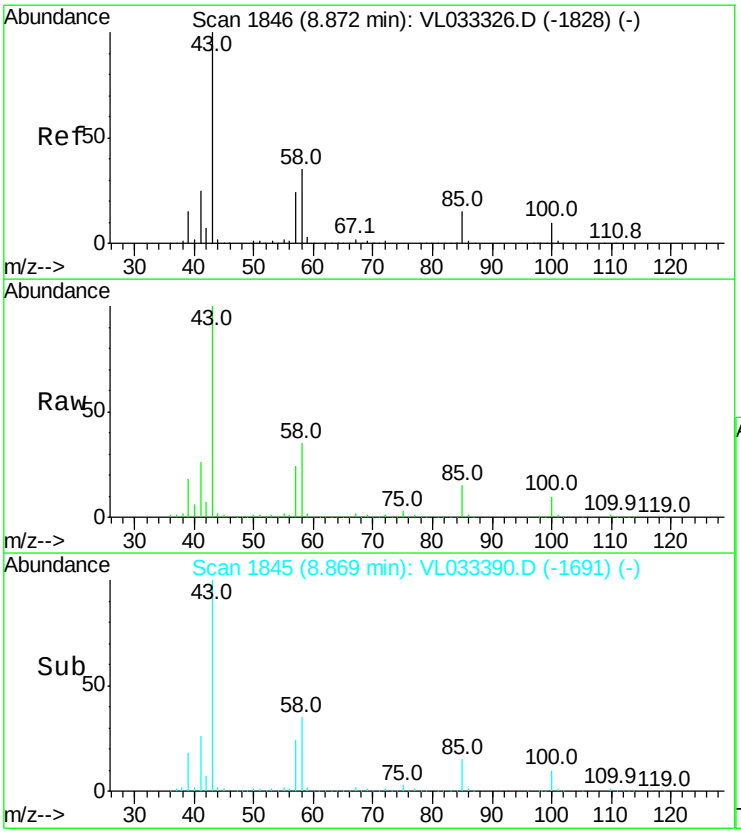
#49
Bromoform
Concen: 11.448 ppbv
RT: 13.20 min Scan# 3193
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion:173 Resp: 1130500

Ion	Ratio	Lower	Upper
173	100		
175	48.4	39.0	58.6
171	51.3	41.7	62.5

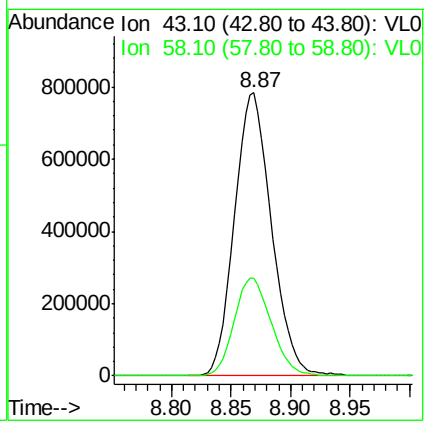


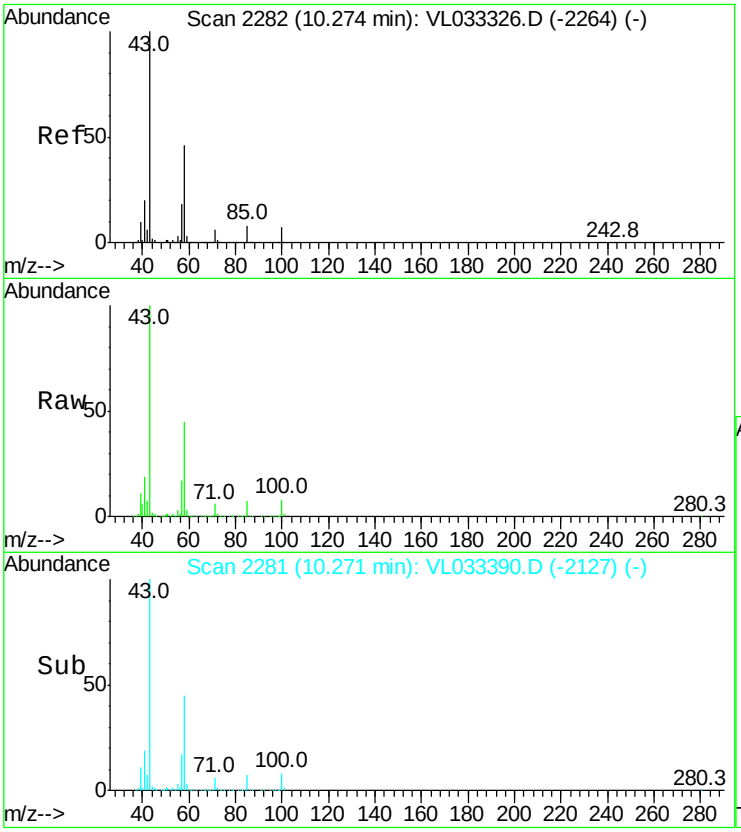


#50
4-Methyl-2-Pentanone
Concen: 10.887 ppbv
RT: 8.87 min Scan# 1845
Delta R.T. -0.00 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Tgt Ion: 43 Resp: 1692919

Ion	Ratio	Lower	Upper
43	100		
58	34.7	28.4	42.6



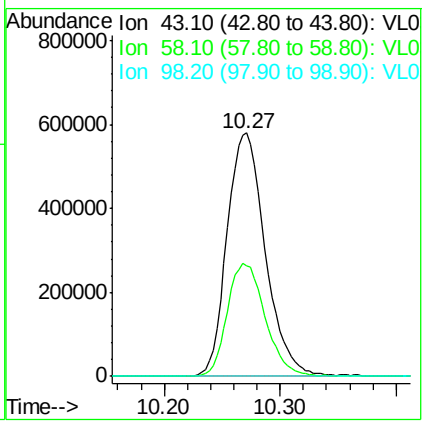


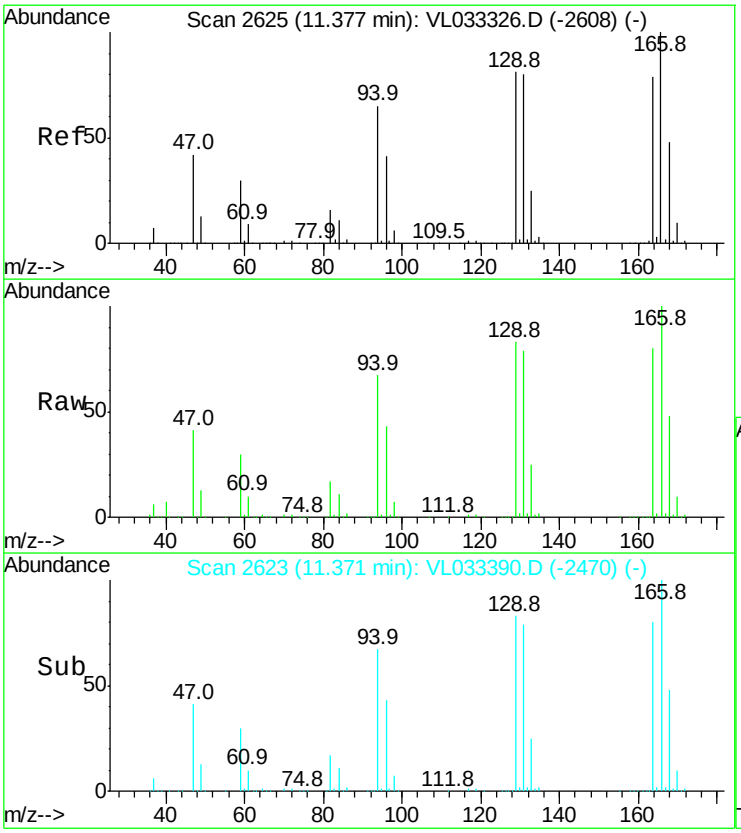
#51
2-Hexanone
Concen: 11.029 ppbv
RT: 10.27 min Scan# 2281
Delta R.T. -0.00 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 43 Resp: 1323064

Ion	Ratio	Lower	Upper
43	100		
58	46.3	38.0	57.0
98	0.4	0.1	0.1#

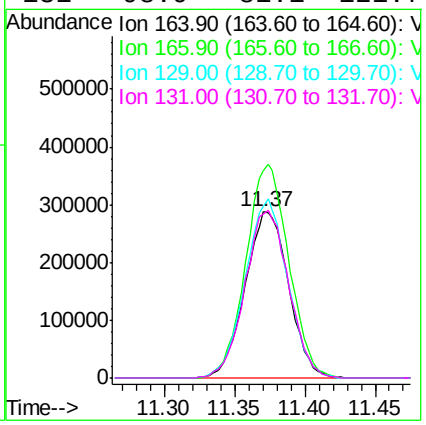


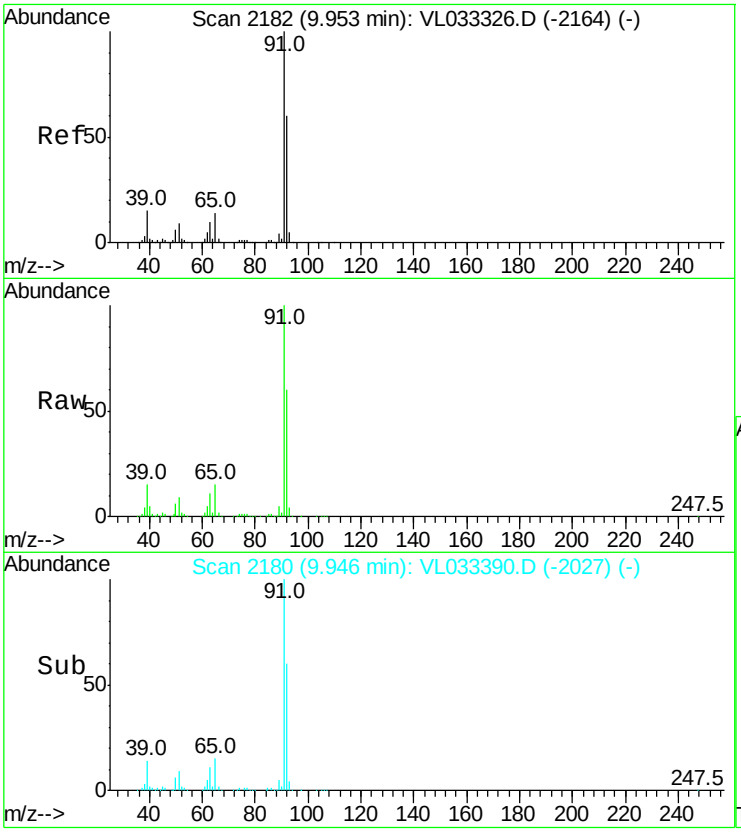


#52
Tetrachloroethene
Concen: 9.922 ppbv
RT: 11.37 min Scan# 2623
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Tgt Ion:164 Resp: 620122

Ion	Ratio	Lower	Upper
164	100		
166	124.5	101.5	152.3
129	103.3	82.2	123.2
131	98.9	81.1	121.7



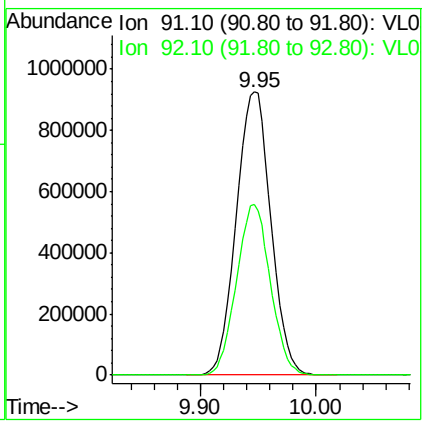


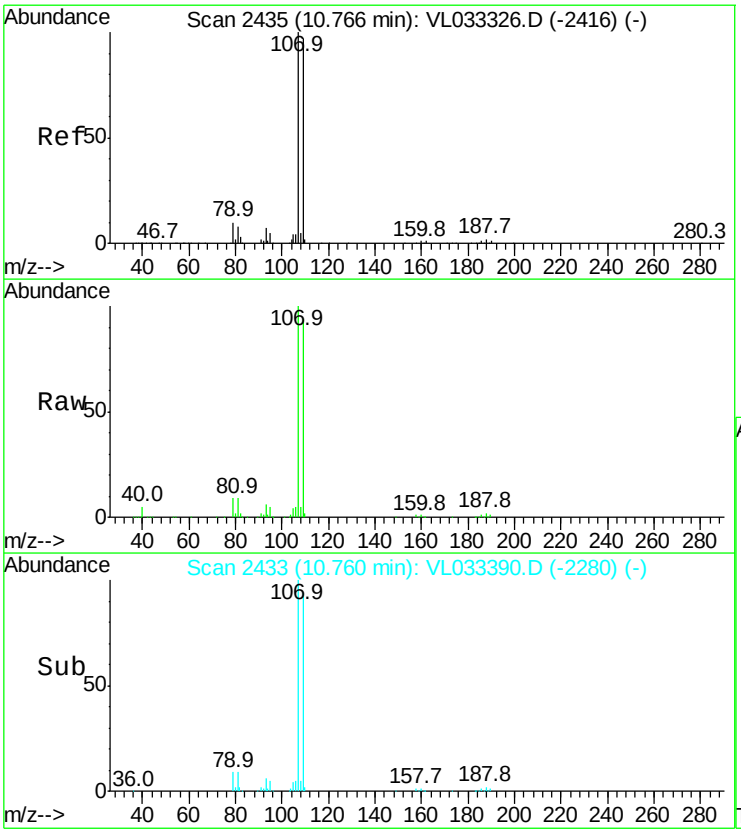
#53
Toluene
Concen: 11.258 ppbv
RT: 9.95 min Scan# 2180
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 91 Resp: 1919040

Ion	Ratio	Lower	Upper
91	100		
92	59.0	47.4	71.0

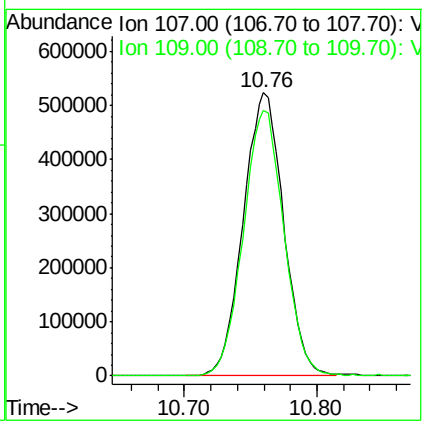


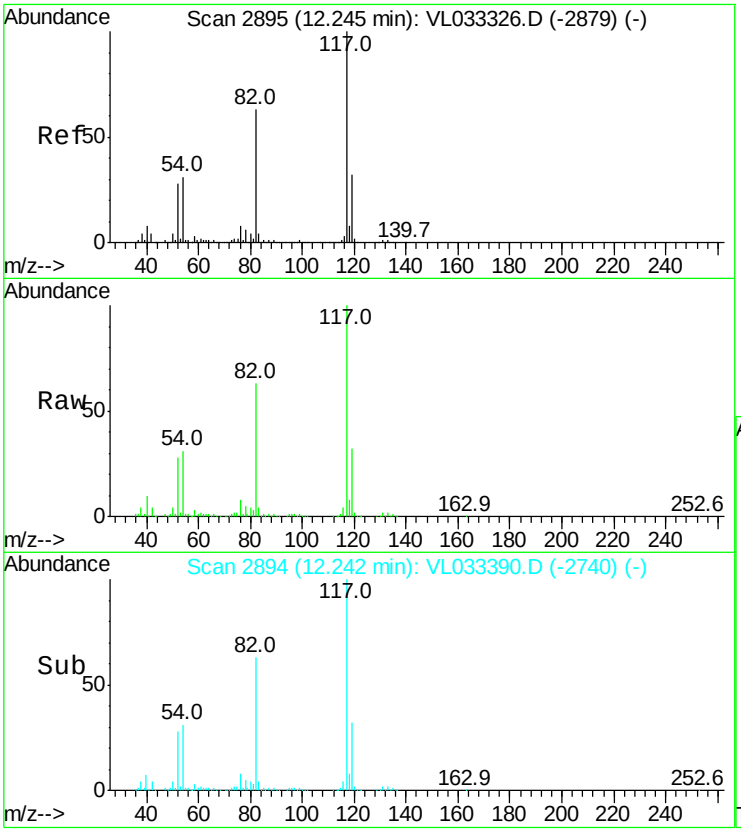


#54
1,2-Dibromoethane
Concen: 10.549 ppbv
RT: 10.76 min Scan# 2433
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Tgt Ion:107 Resp: 1106944

Ion	Ratio	Lower	Upper
107	100		
109	93.7	77.2	115.8



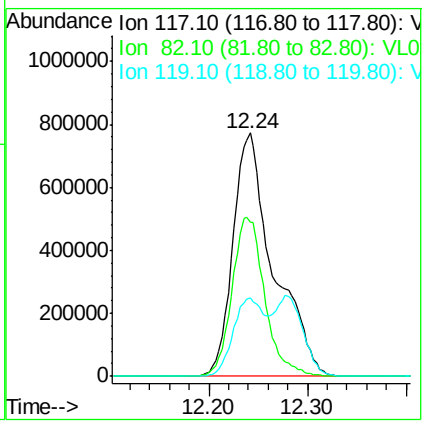


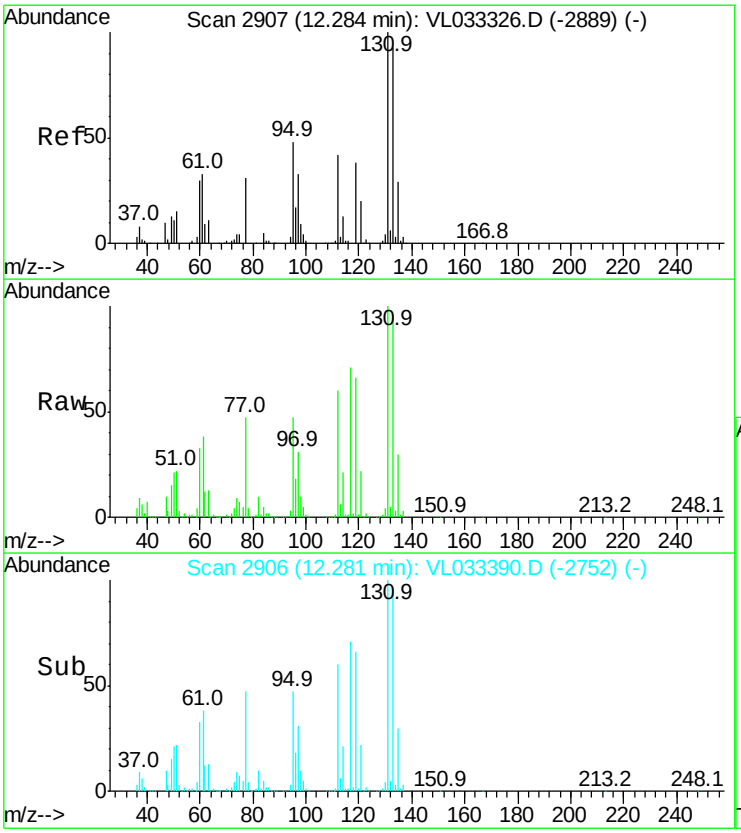
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2894
Delta R.T. -0.00 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 2206107

Ion	Ratio	Lower	Upper
117	100		
82	52.8	53.4	80.2#
119	25.6	27.3	40.9#

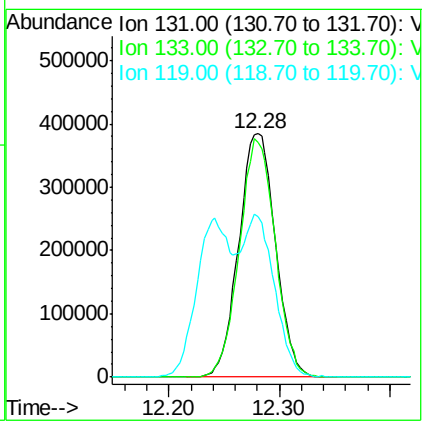


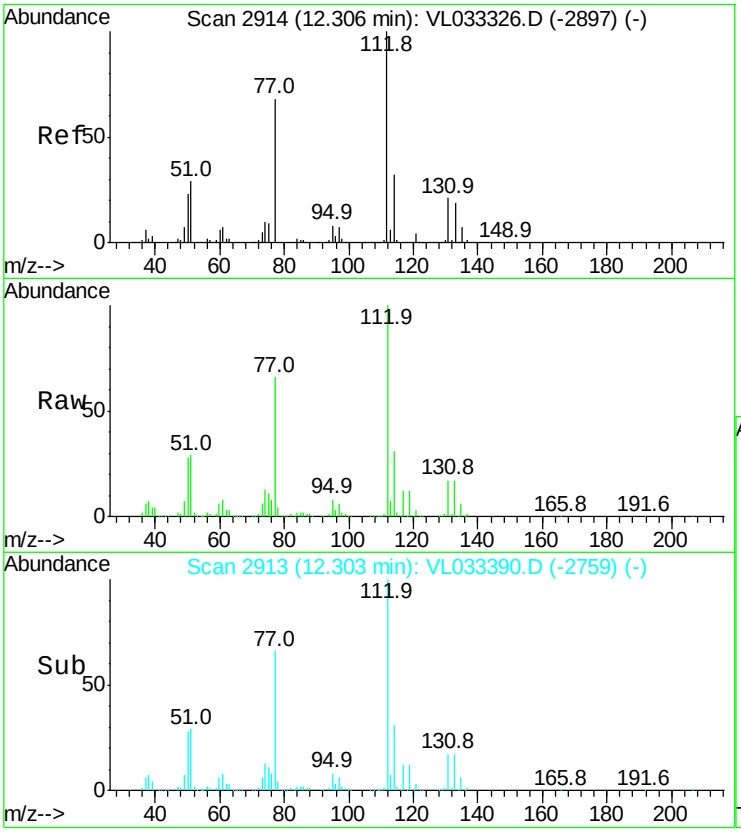


#56
1,1,1,2-Tetrachloroethane
Concen: 8.987 ppbv
RT: 12.28 min Scan# 2906
Delta R.T. -0.00 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Tgt Ion:131 Resp: 886953

Ion	Ratio	Lower	Upper
131	100		
133	95.6	76.7	115.1
119	54.2	40.3	60.5



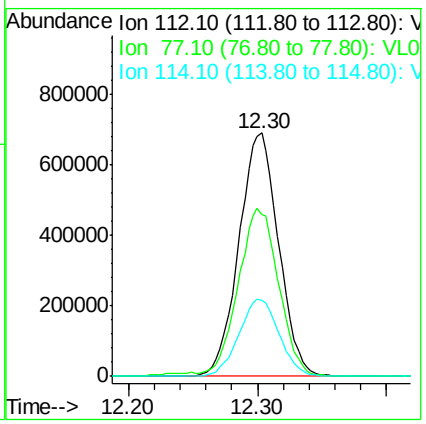


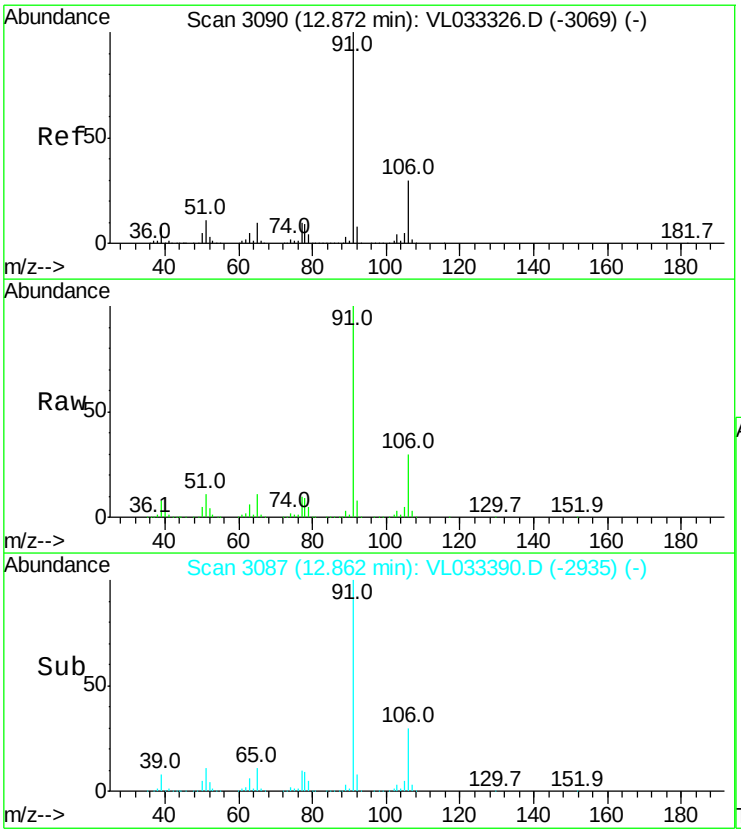
#57
Chlorobenzene
Concen: 8.450 ppbv
RT: 12.30 min Scan# 2913
Delta R.T. -0.00 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 1476482

Ion	Ratio	Lower	Upper
112	100		
77	66.1	55.8	83.6
114	31.2	28.6	35.0

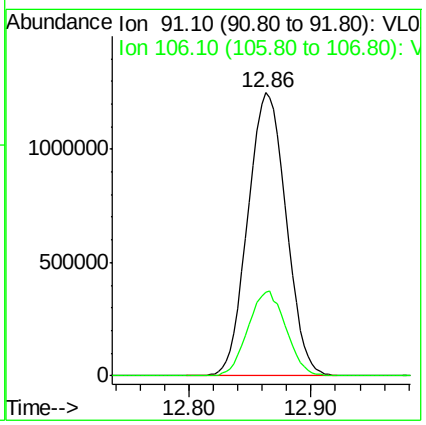


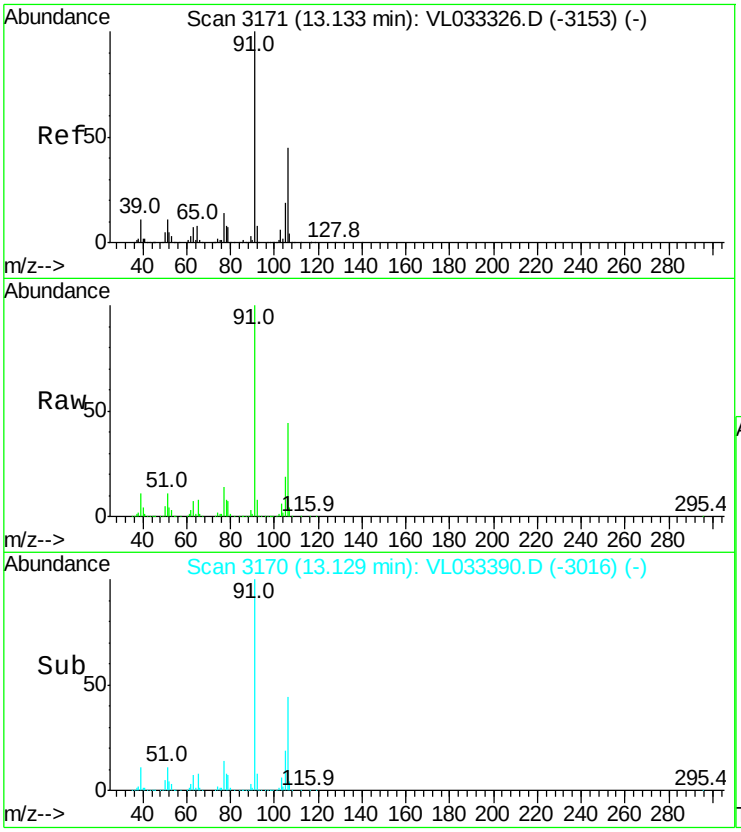


#58
Ethyl Benzene
Concen: 8.705 ppbv
RT: 12.86 min Scan# 3087
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Tgt Ion: 91 Resp: 2716792

Ion	Ratio	Lower	Upper
91	100		
106	29.6	24.2	36.2



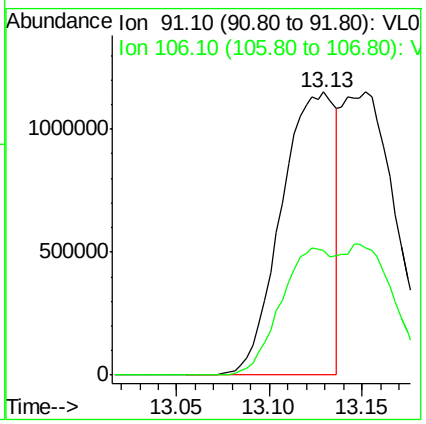


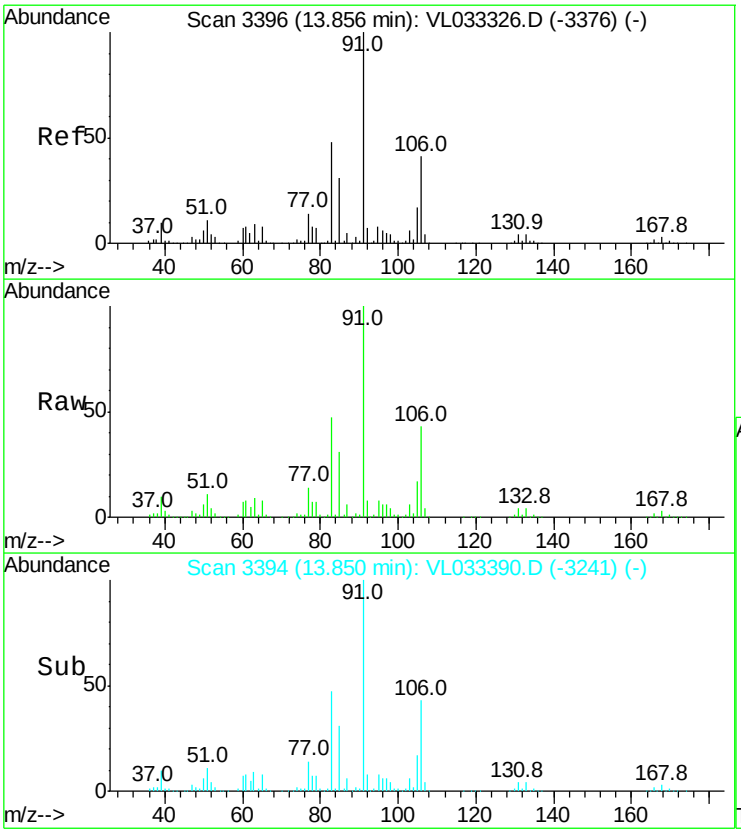
#59
m/p-Xylene
Concen: 8.680 ppbv
RT: 13.13 min Scan# 3170
Delta R.T. -0.00 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2328079

Ion	Ratio	Lower	Upper
91	100		
106	0.0	0.0	0.0

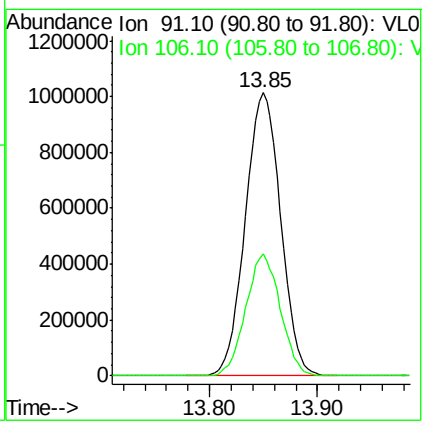


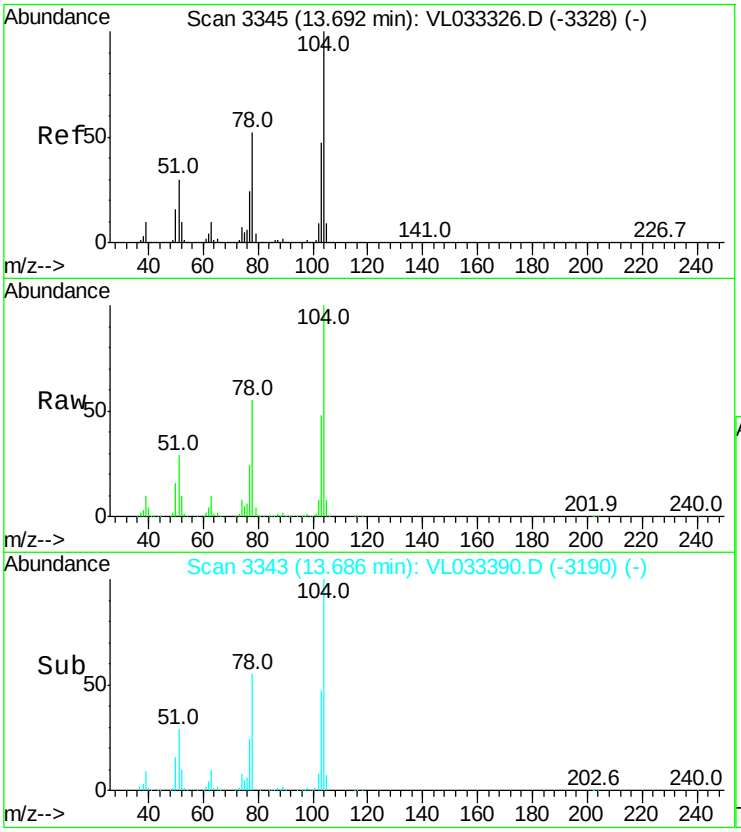


#60
o-Xylene
Concen: 8.816 ppbv
RT: 13.85 min Scan# 3394
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Tgt Ion: 91 Resp: 2306753

Ion	Ratio	Lower	Upper
91	100		
106	42.1	21.3	63.9



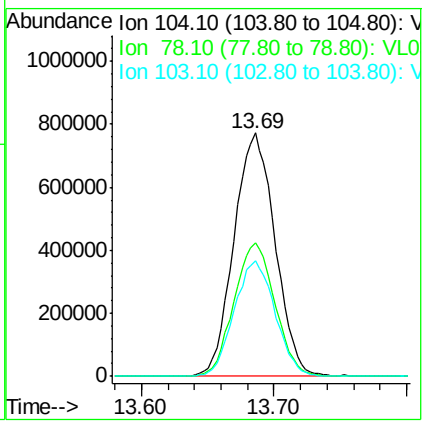


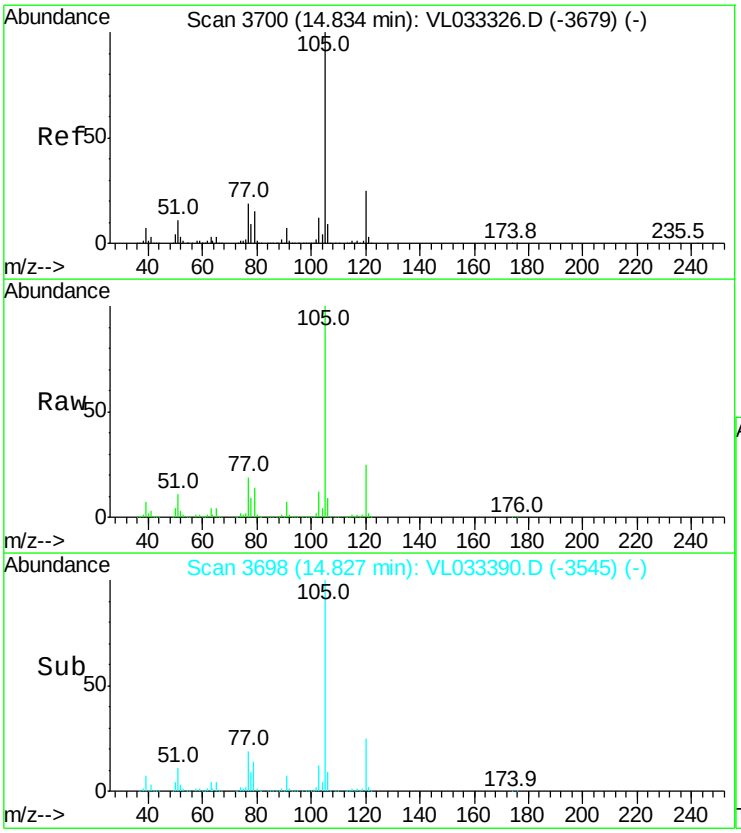
#61
Styrene
Concen: 9.021 ppbv
RT: 13.69 min Scan# 3343
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 1652656

Ion	Ratio	Lower	Upper
104	100		
78	54.9	42.7	64.1
103	47.7	38.0	57.0

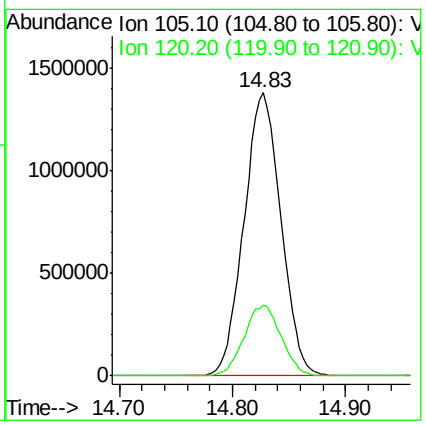


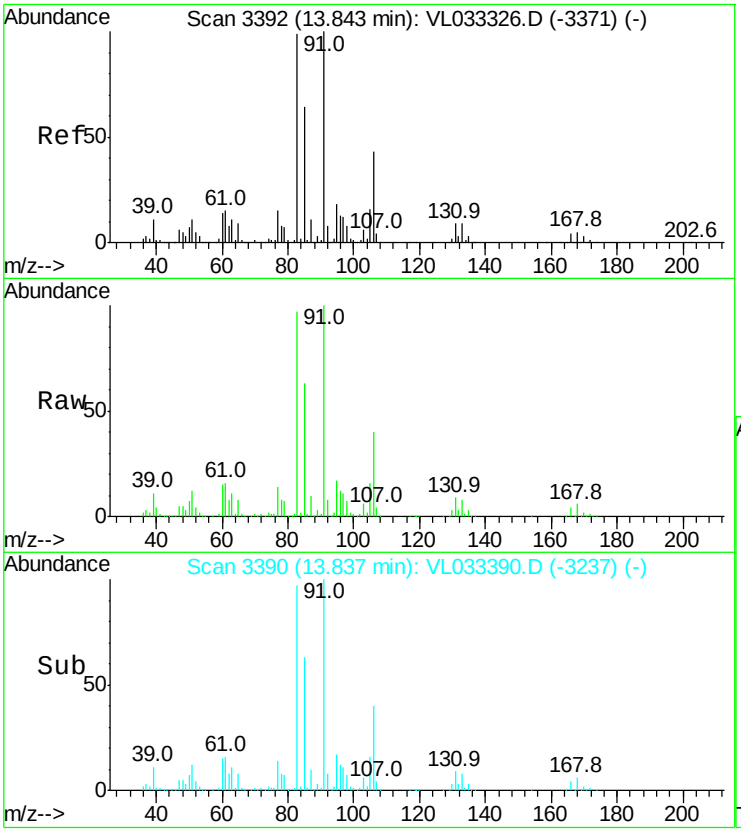


#62
Isopropylbenzene
Concen: 8.611 ppbv
RT: 14.83 min Scan# 3698
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Tgt Ion:105 Resp: 3132179

Ion	Ratio	Lower	Upper
105	100		
120	25.1	19.9	29.9



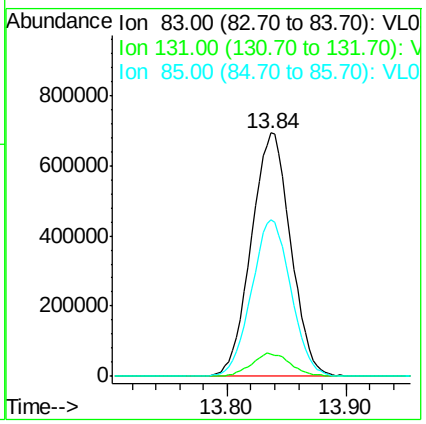


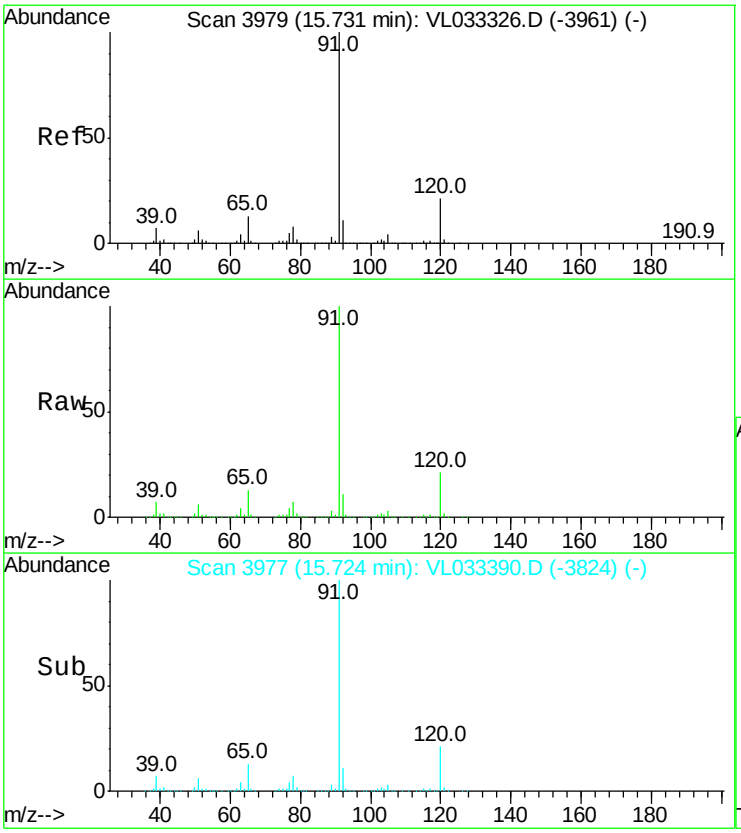
#63
1,1,2,2-Tetrachloroethane
Concen: 8.395 ppbv
RT: 13.84 min Scan# 3390
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 83 Resp: 1587827

Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.7	14.0
85	64.5	32.5	97.4

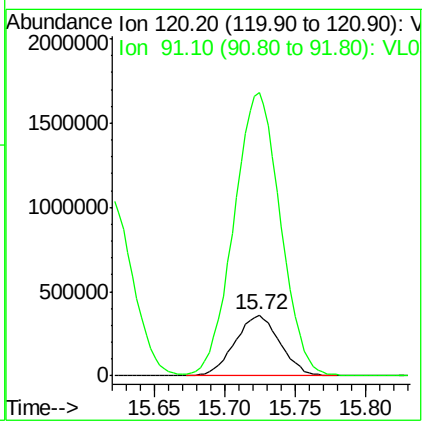


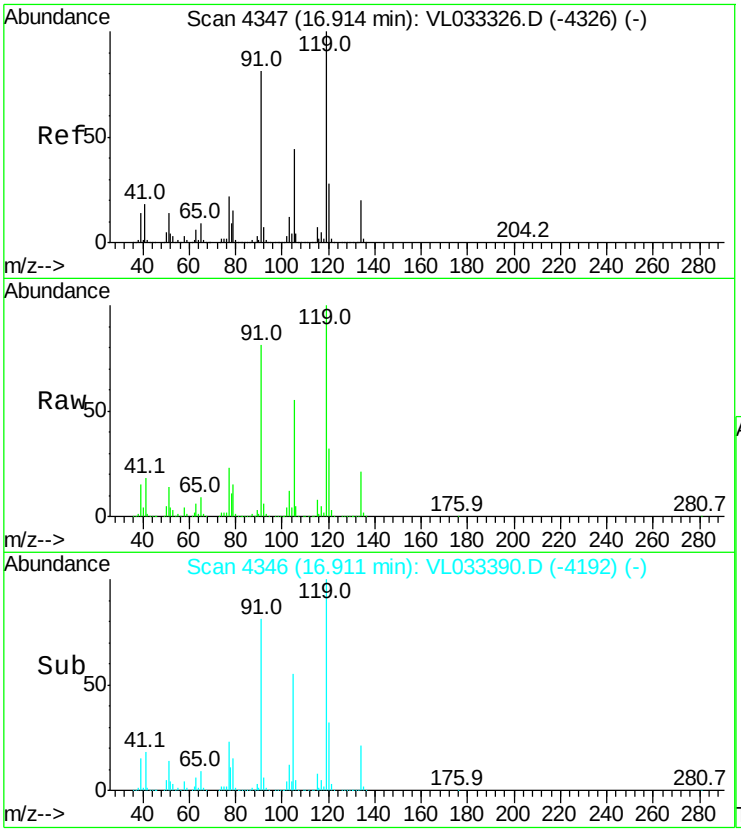


#64
n-propylbenzene
Concen: 8.732 ppbv
RT: 15.72 min Scan# 3977
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Tgt Ion:120 Resp: 803731

Ion	Ratio	Lower	Upper
120	100		
91	483.7	389.8	584.6



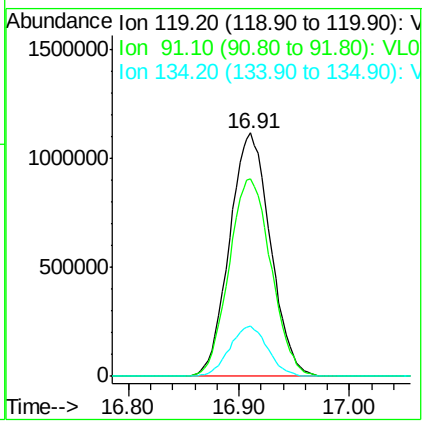


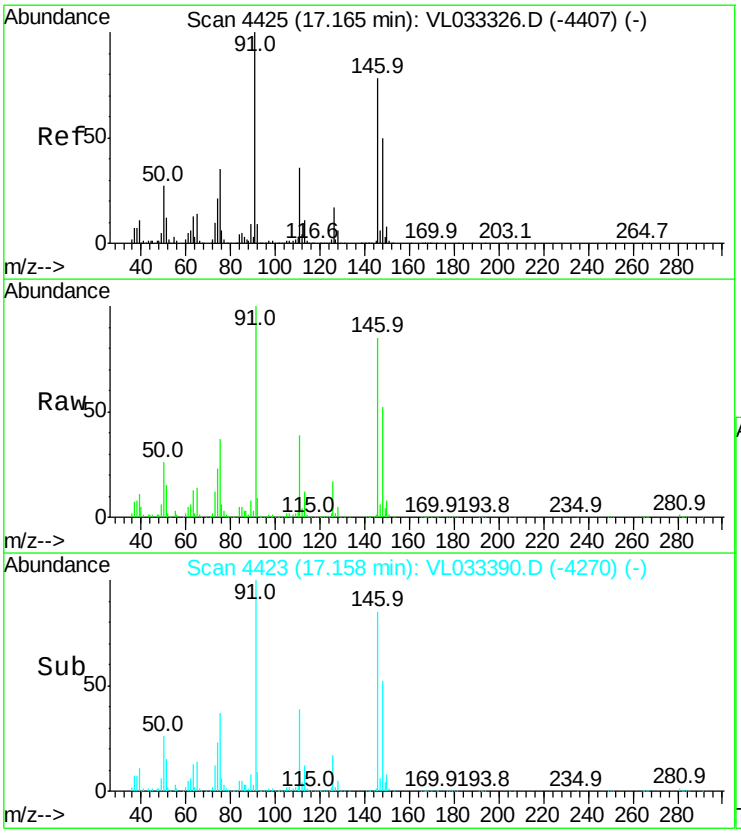
#65
tert-Butylbenzene
Concen: 8.765 ppbv
RT: 16.91 min Scan# 4346
Delta R.T. -0.00 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion:119 Resp: 2870541

Ion	Ratio	Lower	Upper
119	100		
91	83.7	67.2	100.8
134	19.3	15.4	23.2

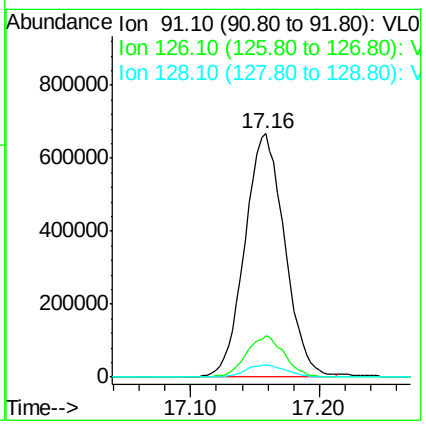


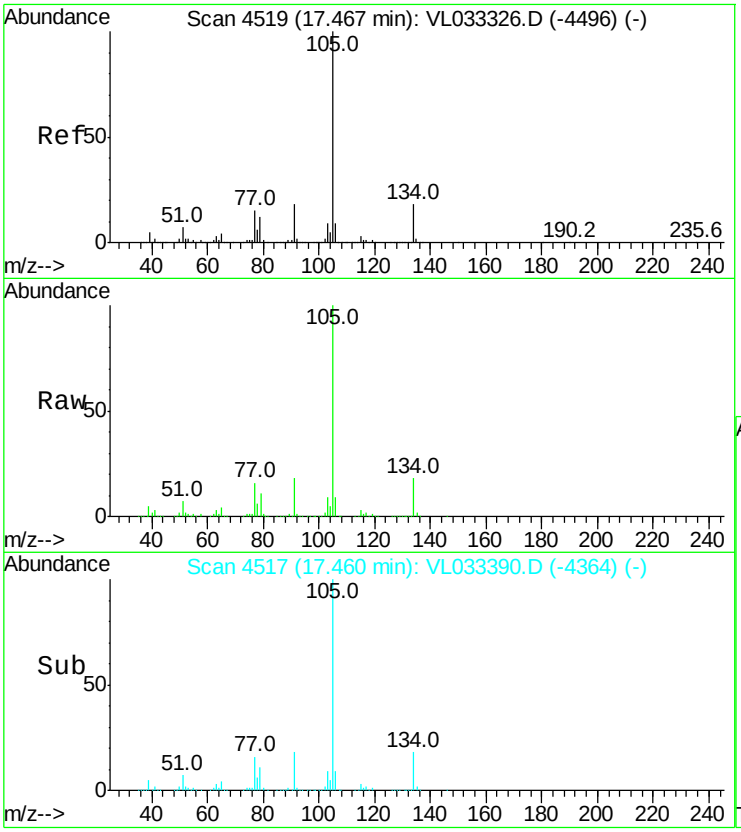


#66
Benzyl Chloride
Concen: 10.628 ppbv
RT: 17.16 min Scan# 4423
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Tgt Ion: 91 Resp: 1438387

Ion	Ratio	Lower	Upper
91	100		
126	16.3	13.2	19.8
128	5.1	4.2	6.4



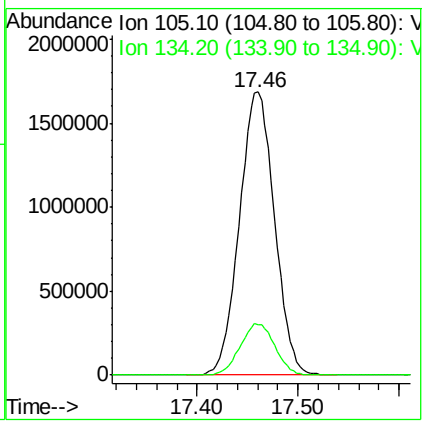


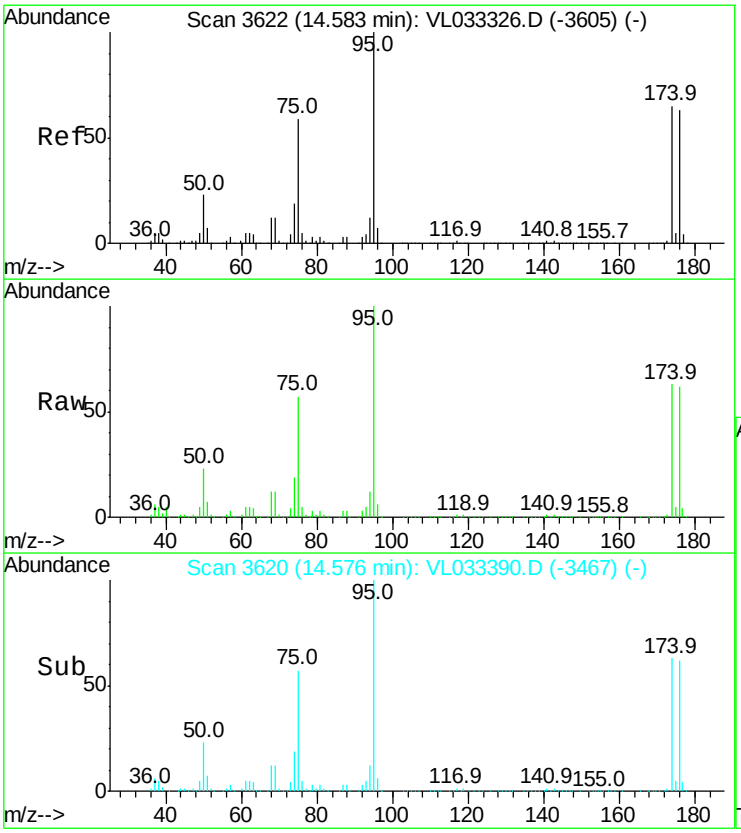
#67
sec-Butylbenzene
Concen: 8.746 ppbv
RT: 17.46 min Scan# 4517
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 4058698

Ion	Ratio	Lower	Upper
105	100		
134	18.1	14.2	21.4

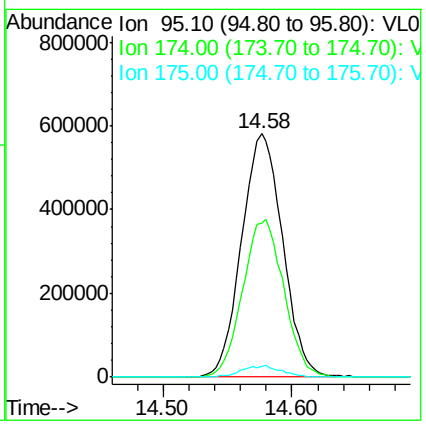


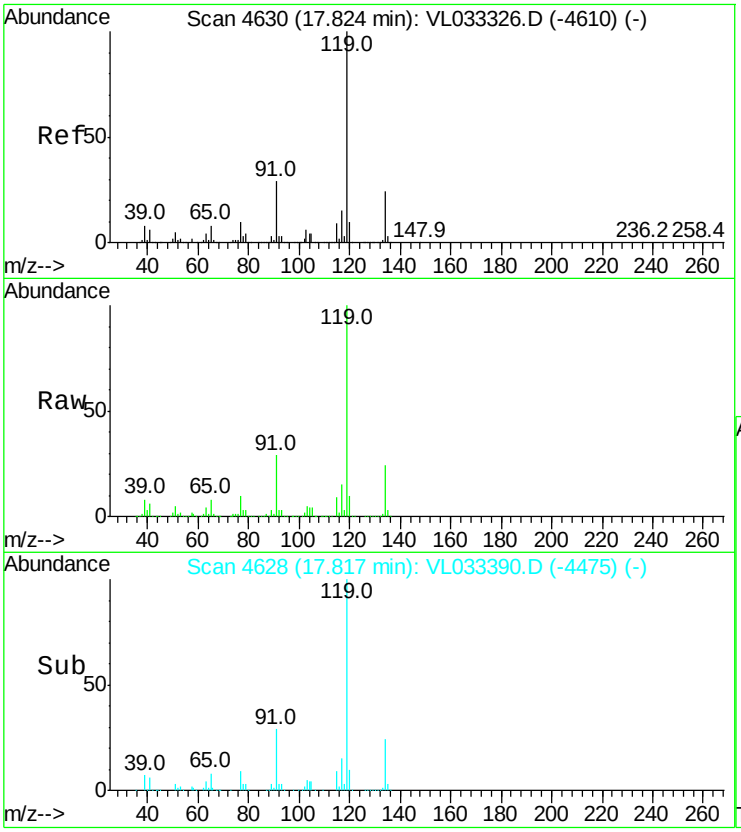


#68
1-Bromo-4-Fluorobenzene
Concen: 7.887 ppbv
RT: 14.58 min Scan# 3620
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Tgt Ion: 95 Resp: 1289343

Ion	Ratio	Lower	Upper
95	100		
174	65.1	51.5	77.3
175	4.6	3.8	5.6



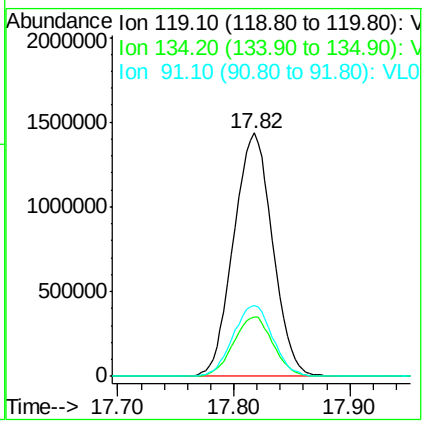


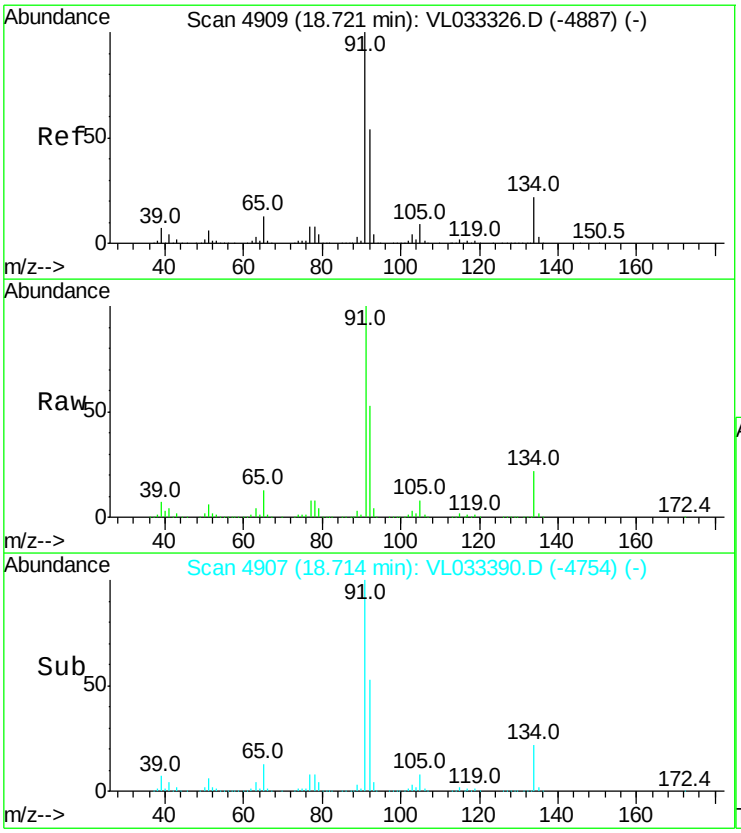
#69
p-Isopropyltoluene
Concen: 8.833 ppbv
RT: 17.82 min Scan# 4628
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 3348887

Ion	Ratio	Lower	Upper
119	100		
134	24.7	19.8	29.6
91	29.9	23.4	35.2

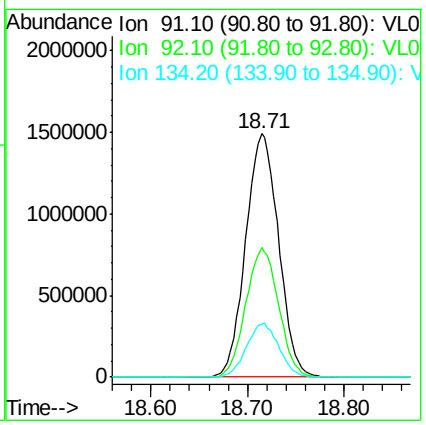


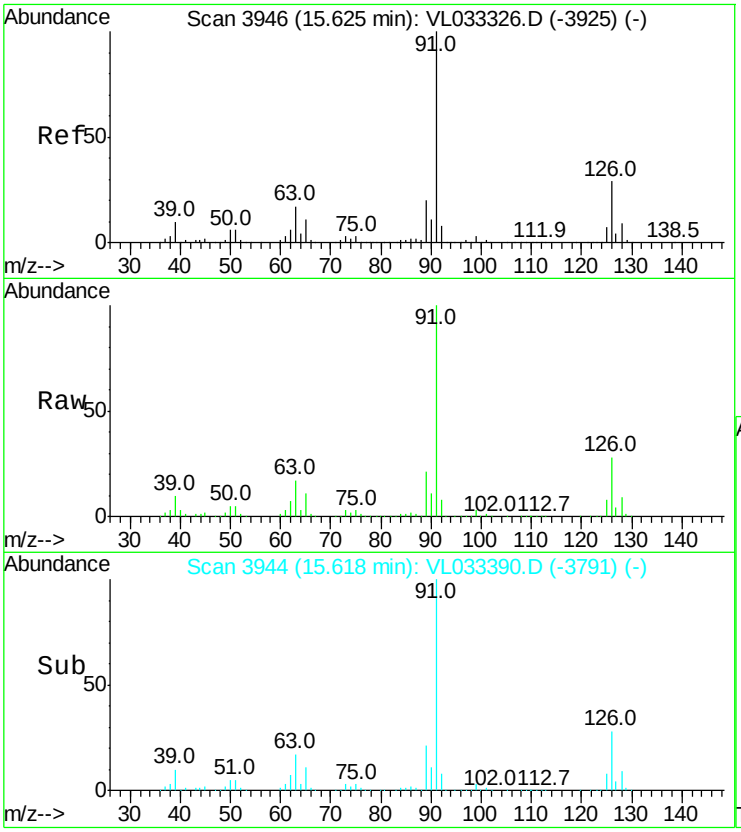


#70
n-Butylbenzene
Concen: 8.701 ppbv
RT: 18.71 min Scan# 4907
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Tgt Ion: 91 Resp: 3517443

Ion	Ratio	Lower	Upper
91	100		
92	53.1	42.8	64.2
134	21.8	17.4	26.0



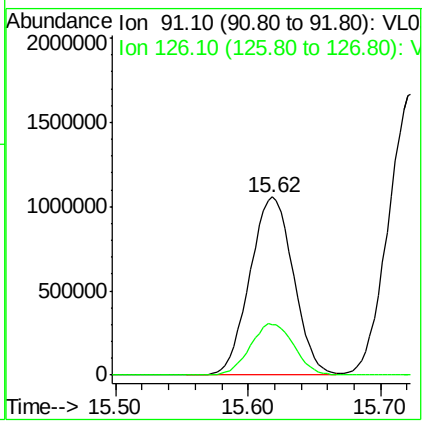


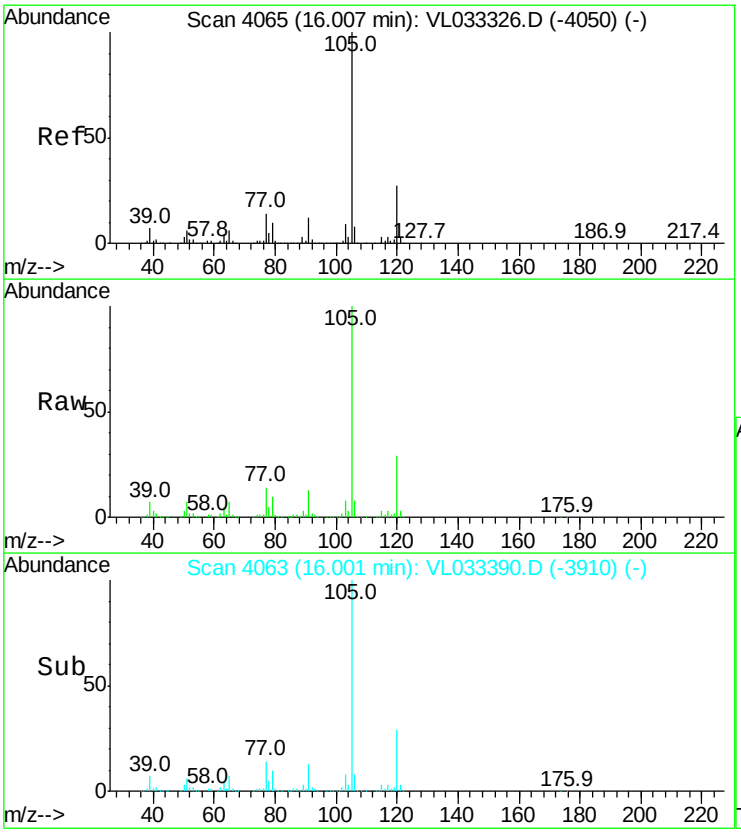
#71
2-Chlorotoluene
Concen: 8.550 ppbv
RT: 15.62 min Scan# 3944
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 91 Resp: 2420949

Ion	Ratio	Lower	Upper
91	100		
126	29.0	11.6	46.6

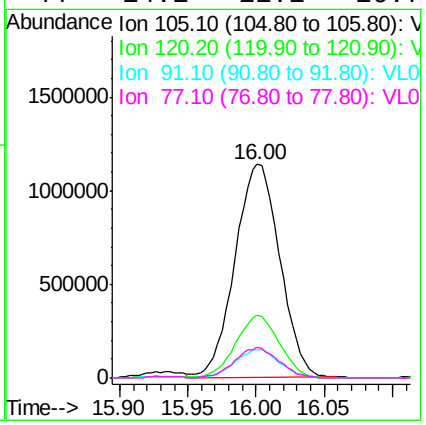


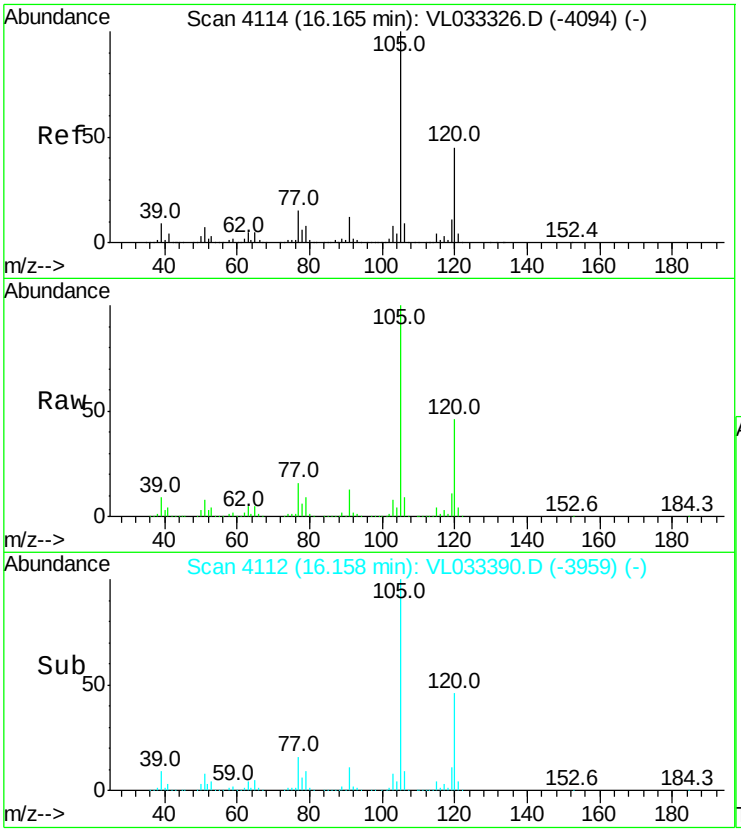


#72
4-Ethyltoluene
Concen: 8.755 ppbv
RT: 16.00 min Scan# 4063
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Tgt Ion:105 Resp: 2601385

Ion	Ratio	Lower	Upper
105	100		
120	28.7	22.9	34.3
91	13.2	10.2	15.2
77	14.1	11.1	16.7



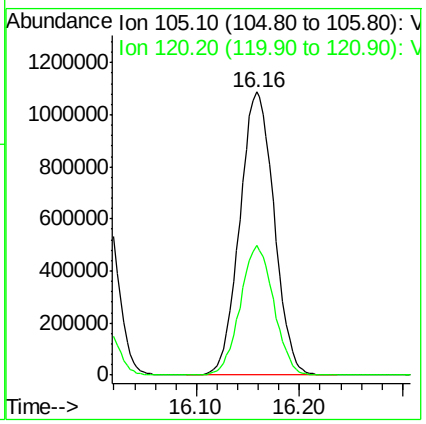


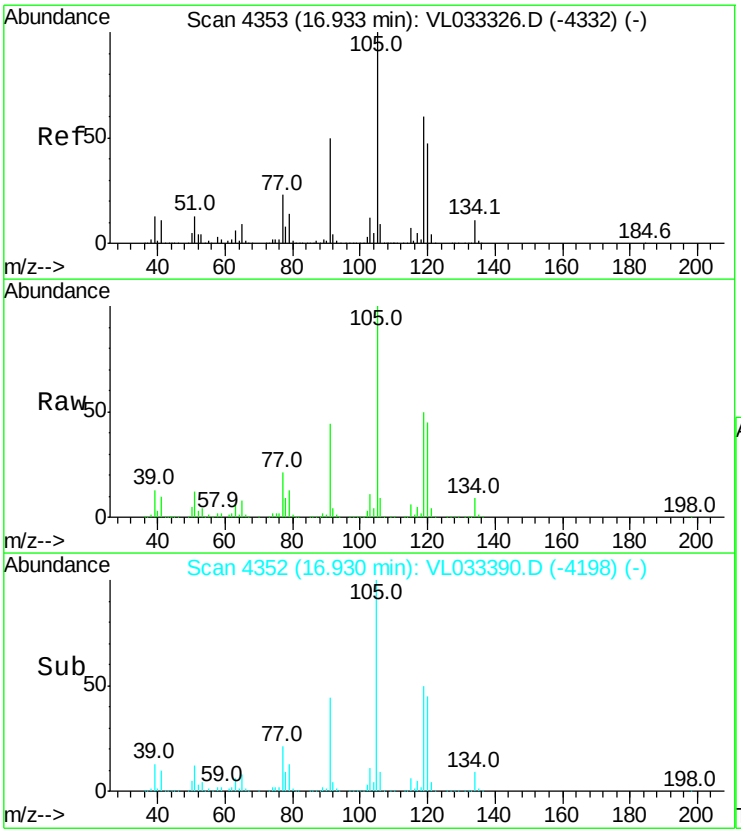
#73
1,3,5-Trimethylbenzene
Concen: 8.672 ppbv
RT: 16.16 min Scan# 4112
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 2510105

Ion	Ratio	Lower	Upper
105	100		
120	45.9	36.2	54.4

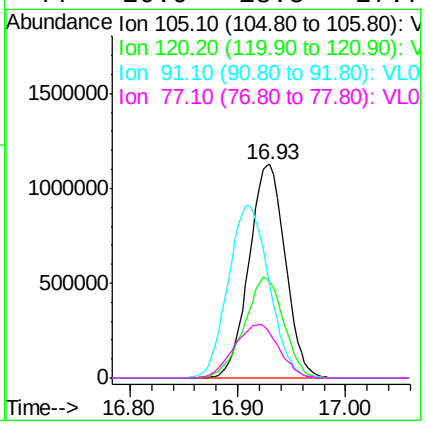


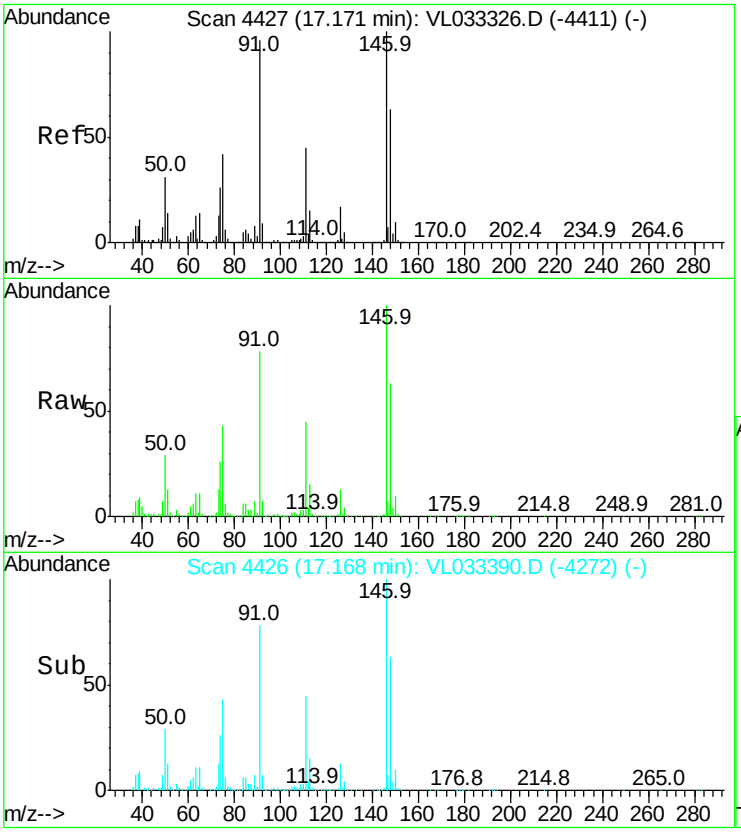


#74
1,2,4-Trimethylbenzene
Concen: 8.563 ppbv
RT: 16.93 min Scan# 4352
Delta R.T. -0.00 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Tgt Ion:105 Resp: 2625194

Ion	Ratio	Lower	Upper
105	100		
120	45.2	37.4	56.2
91	43.4	41.0	61.4
77	20.9	18.5	27.7



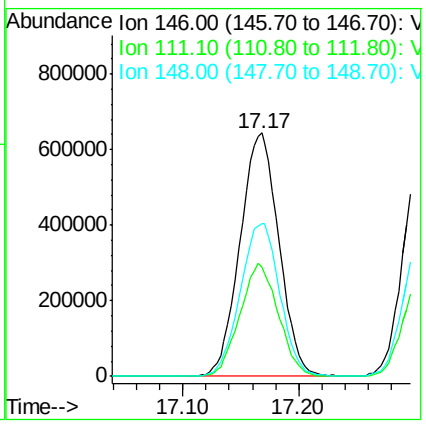


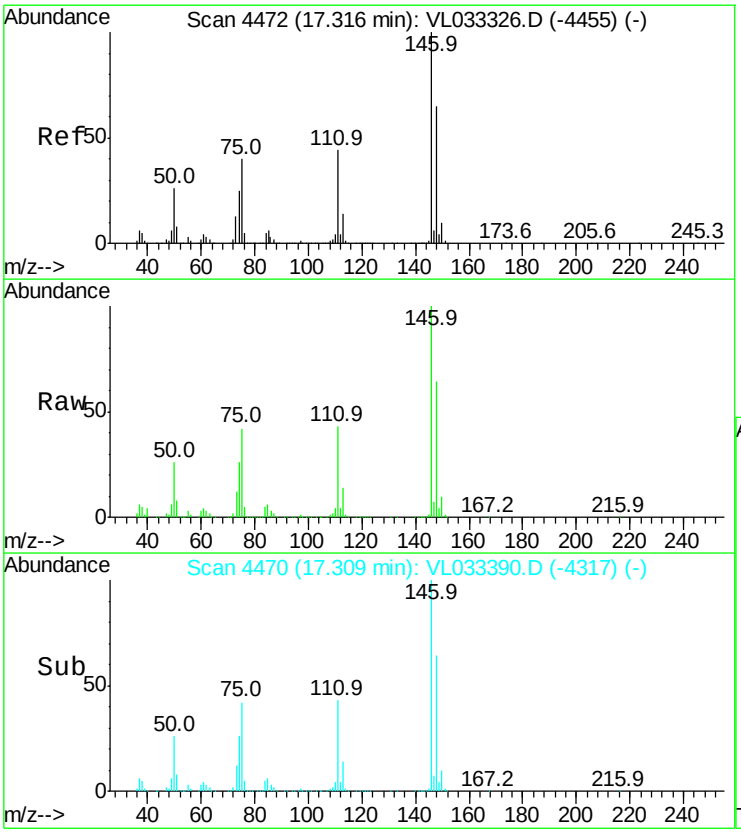
#75
1,3-Dichlorobenzene
Concen: 8.327 ppbv
RT: 17.17 min Scan# 4426
Delta R.T. -0.00 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1504507

Ion	Ratio	Lower	Upper
146	100		
111	45.7	22.8	68.3
148	63.8	31.9	95.7

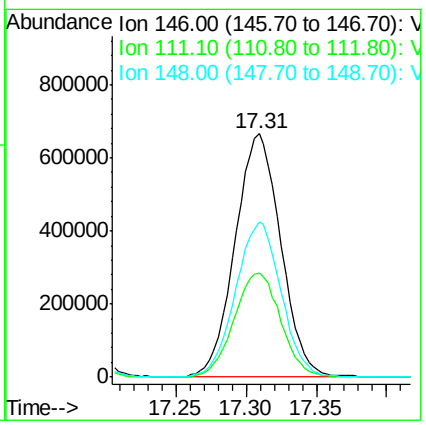


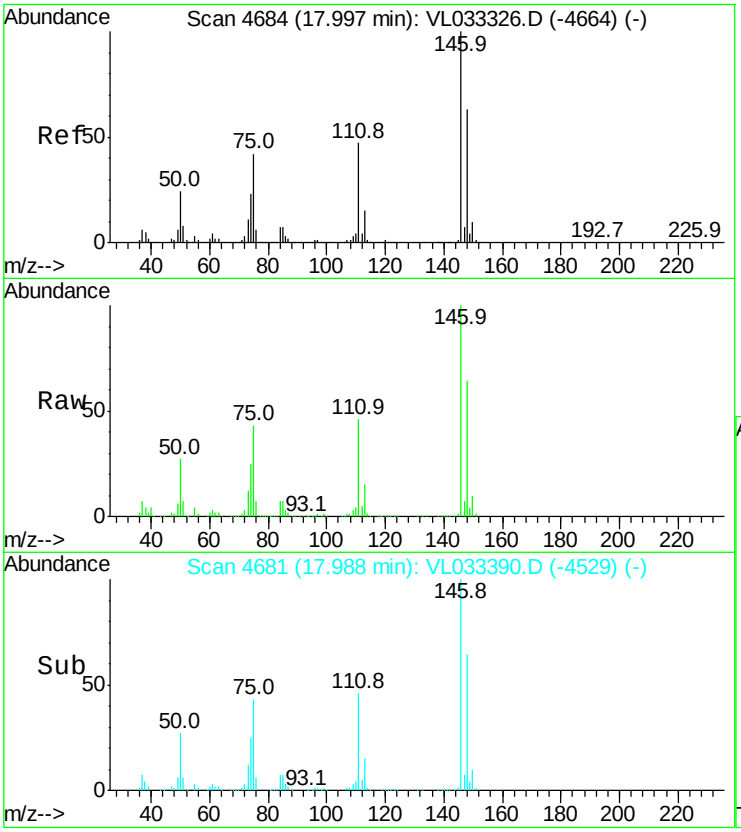


#76
1,4-Dichlorobenzene
Concen: 8.544 ppbv
RT: 17.31 min Scan# 4470
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Tgt Ion:146 Resp: 1494757

Ion	Ratio	Lower	Upper
146	100		
111	44.3	21.9	65.7
148	64.3	32.1	96.5



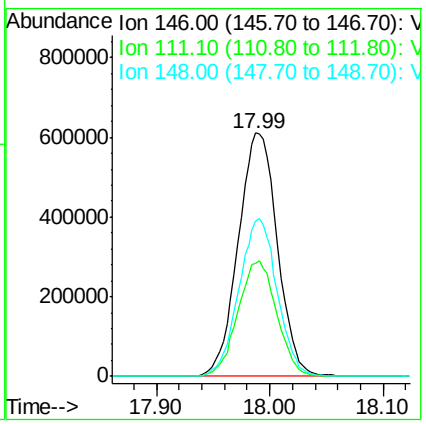


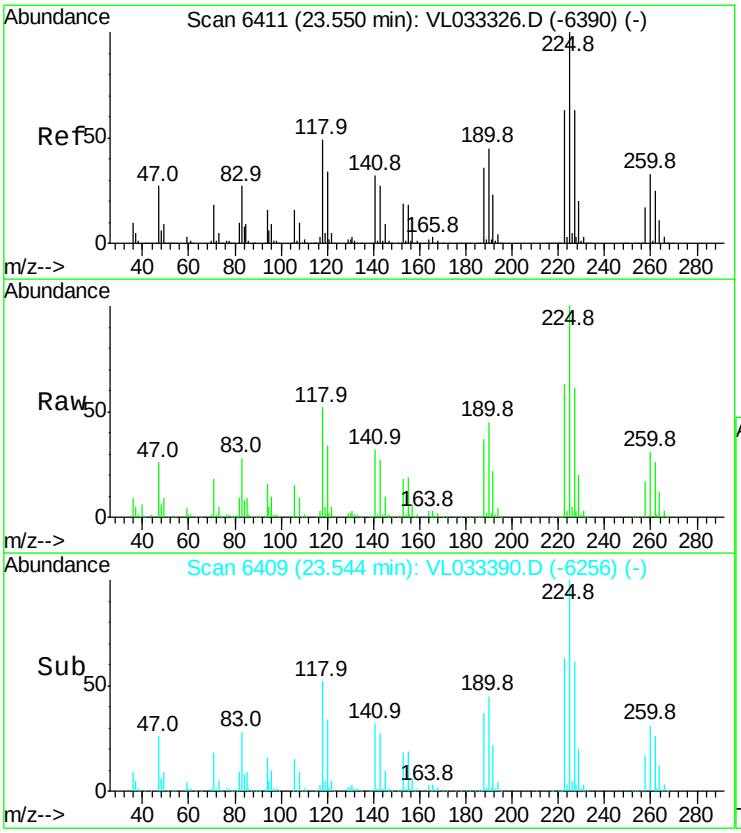
#77
1,2-Dichlorobenzene
Concen: 8.581 ppbv
RT: 17.99 min Scan# 4681
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion:146 Resp: 1468428

Ion	Ratio	Lower	Upper
146	100		
111	47.0	23.5	70.6
148	63.3	31.9	95.9

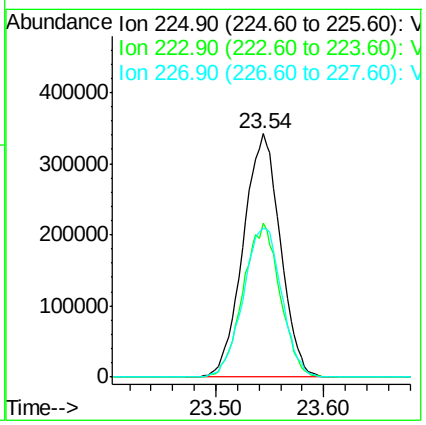


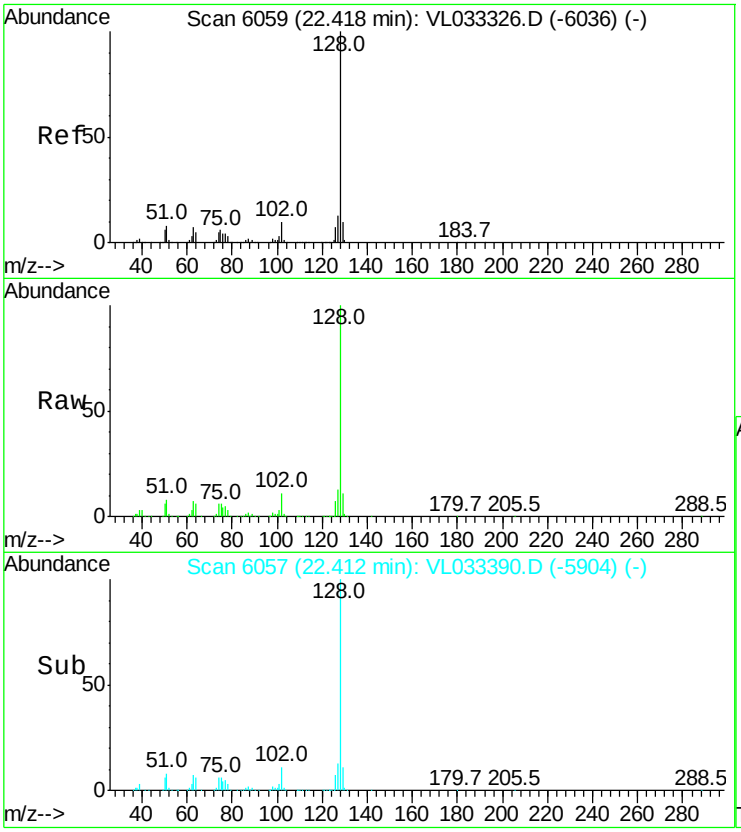


#78
Hexachloro-1,3-Butadiene
Concen: 7.973 ppbv
RT: 23.54 min Scan# 6409
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Tgt Ion:225 Resp: 818007

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.4	75.6
227	63.8	50.5	75.7



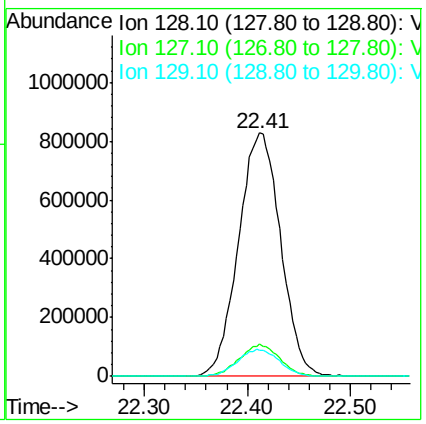


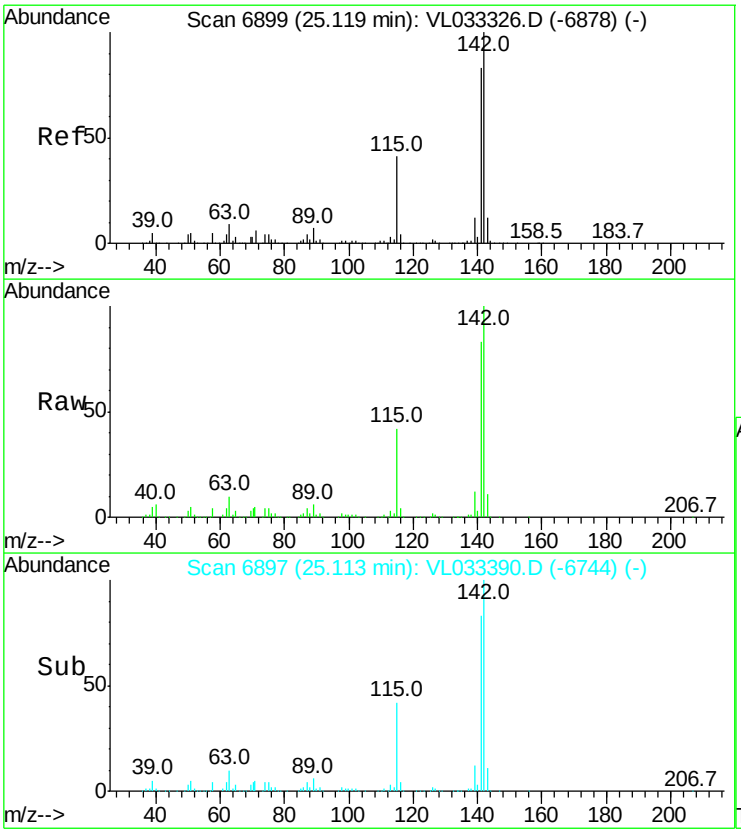
#79
Naphthalene
Concen: 7.930 ppbv
RT: 22.41 min Scan# 6057
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:128 Resp: 2342660

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.1	15.1
129	10.8	8.2	12.2

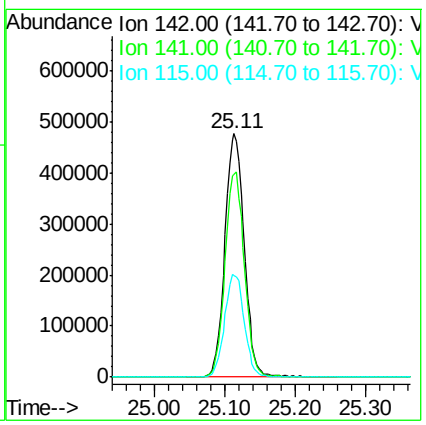


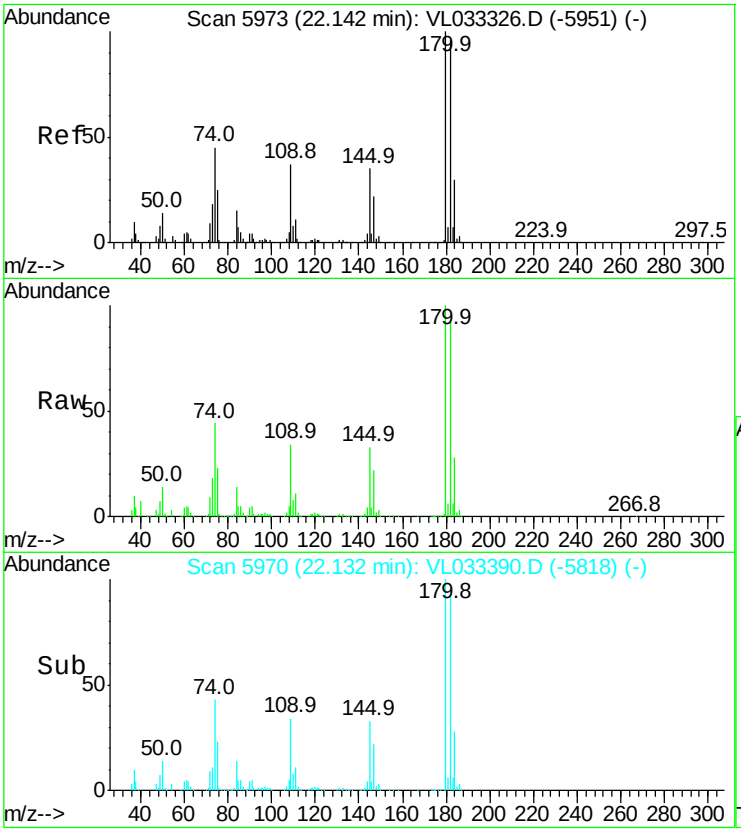


#80
Naphthalene,2-methyl-
Concen: 6.566 ppbv
RT: 25.11 min Scan# 6897
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Tgt Ion:142 Resp: 919765

Ion	Ratio	Lower	Upper
142	100		
141	84.5	67.1	100.7
115	42.7	33.8	50.6





#81
1,2,4-Trichlorobenzene
Concen: 8.129 ppbv
RT: 22.13 min Scan# 5970
Delta R.T. -0.01 min
Lab File: VL033390.D
Acq: 20 Mar 2019 14:02

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:180 Resp: 1224555

Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.1	114.1
184	30.6	24.6	37.0