Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091018\

Quantitation Report (Not Reviewed)

Data File : VL032505.D
Acq On : 11 Sep 2018 13:00
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Quant Time: Sep 12 05:38:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 31 21:33:46 2018
QLast Update : Fri Aug 31 21:33:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.80	49	1384112	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.34	114	3302185	10.00	ppbv		-0.01
55) Chlorobenzene-d5	12.29	117	4144259	10.00	ppbv		-0.01
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.62	95	2582984	8.40	ppbv		-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 84.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.10	85	1190824	6.726	ppbv		98
3) Chlorodifluoromethane	3.04	51	1147987	9.163	ppbv		99
4) Chloromethane	3.20	50	681718	8.986	ppbv		100
5) Vinyl Chloride	3.32	62	647248	8.644	ppbv		97
6) Bromomethane	3.54	94	375134	9.544	ppbv		96
7) Chloroethane	3.63	64	235655	9.092	ppbv		94
8) Dichlorotetrafluoroethane	3.25	85	1357353	8.638	ppbv		97
9) Propene	3.06	41	567237	11.223	ppbv		100
10) Heptane	8.29	43	2009474	11.083	ppbv		99
11) Trichlorofluoromethane	4.04	101	1384349	8.672	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.59	101	1193608	11.033	ppbv		99
13) Ethanol	3.68	45	134640	8.546	ppbv		96
14) Bromoethene	3.82	108	457259	9.977	ppbv		100
15) Acetone	3.93	43	1158033	9.291	ppbv		100
16) 1,3-Butadiene	3.39	39	538539	9.182	ppbv		94
17) tert-Butyl alcohol	4.39	59	181359	9.455	ppbv	#	100
18) 1,1-Dichloroethene	4.39	96	578485	11.701	ppbv		96
19) Isopropyl Alcohol	4.05	45	861992	10.542	ppbv	#	98
20) Methylene Chloride	4.44	84	516593	10.870	ppbv		99
21) Allyl Chloride	4.51	41	1021082	12.334	ppbv		100
22) trans-1,2-Dichloroethene	5.00	96	556250	10.369	ppbv		92
23) Vinyl Acetate	5.19	43	2443533	11.827	ppbv		99
24) 1,1-Dichloroethane	5.13	63	1733805	10.185	ppbv		100
25) Ethyl Acetate	5.81	43	2921662	9.926	ppbv		99
26) Hexane	5.82	57	1334749	10.127	ppbv		98
27) Carbon Disulfide	4.65	76	1450595	11.923	ppbv		100
28) Methyl tert-Butyl Ether	5.15	73	1915694	11.839	ppbv		99
29) Chloroform	5.89	83	1939530	9.652	ppbv		100
30) Cyclohexane	7.29	84	1209127	12.529	ppbv		99
31) cis-1,2-Dichloroethene	5.68	61	1334509	11.182	ppbv		98
32) 1,1,1-Trichloroethane	6.66	97	1884813	10.062	ppbv		98
34) 2-Butanone	5.36	43	2012908	9.177	ppbv		100
35) Carbon Tetrachloride	7.18	117	2040814	9.195	ppbv		98
36) Benzene	7.05	78	2780679	9.895	ppbv		99
37) 1,2-Dichloroethane	6.45	62	1541289	8.950	ppbv		100
38) Trichloroethene	8.00	130	1007300	9.436	ppbv		97
39) 1,2-Dichloropropane	7.78	63	1209499	10.059	ppbv		98
40) 1,4-Dioxane	8.00	88	384484	10.659	ppbv		86
41) Tetrahydrofuran	6.19	42	1196013	10.016	ppbv		99
42) Bromodichloromethane	7.96	83	2271170	9.562	ppbv		99
43) Methyl Methacrylate	8.18	69	1223881	10.266	ppbv		98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091018\

Quantitation Report (Not Reviewed)

Data File : VL032505.D
Acq On : 11 Sep 2018 13:00
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Quant Time: Sep 12 05:38:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 31 21:33:46 2018
QLast Update : Fri Aug 31 21:33:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	8.04	57	5210162	9.590	ppbv		99
45) t-1,3-Dichloropropene	9.46	75	1650774	12.940	ppbv		99
46) cis-1,3-Dichloropropene	8.88	75	1737053	10.656	ppbv		100
47) 1,1,2-Trichloroethane	9.66	97	1273969	9.966	ppbv		98
48) Dibromochloromethane	10.50	129	2047261	11.564	ppbv		99
49) Bromoform	13.25	173	1526845	9.922	ppbv		100
50) 4-Methyl-2-Pentanone	8.91	43	2997438	9.072	ppbv		100
51) 2-Hexanone	10.32	43	2831354	13.303	ppbv		100
52) Tetrachloroethene	11.42	164	897602	10.301	ppbv		98
53) Toluene	9.99	91	3599838	12.255	ppbv		100
54) 1,2-Dibromoethane	10.81	107	1884262	10.978	ppbv		97
56) 1,1,1,2-Tetrachloroethane	12.33	131	1364385	7.303	ppbv	#	60
57) Chlorobenzene	12.35	112	2436138	7.355	ppbv		98
58) Ethyl Benzene	12.91	91	4455680	8.984	ppbv		98
59) m/p-Xylene	13.20	91	3834744	8.673	ppbv	#	39
60) o-Xylene	13.90	91	3538271	8.147	ppbv		100
61) Styrene	13.73	104	2631980	9.361	ppbv		99
62) Isopropylbenzene	14.88	105	4984919	8.165	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.88	83	2623481	6.756	ppbv		100
64) n-propylbenzene	15.77	120	1271394	7.965	ppbv		97
65) tert-Butylbenzene	16.96	119	4074144	7.744	ppbv		99
66) Benzyl Chloride	17.20	91	2444456	8.340	ppbv		100
67) sec-Butylbenzene	17.51	105	6147172	7.769	ppbv		99
69) p-Isopropyltoluene	17.86	119	4827999	7.873	ppbv		100
70) n-Butylbenzene	18.76	91	5250053	7.553	ppbv		99
71) 2-Chlorotoluene	15.67	91	3877279	8.312	ppbv		99
72) 4-Ethyltoluene	16.05	105	4076002	8.596	ppbv		99
73) 1,3,5-Trimethylbenzene	16.21	105	3849955	8.104	ppbv		97
74) 1,2,4-Trimethylbenzene	16.97	105	3804617	7.325	ppbv		94
75) 1,3-Dichlorobenzene	17.22	146	2089842	6.782	ppbv		99
76) 1,4-Dichlorobenzene	17.35	146	2076489	7.262	ppbv		98
77) 1,2-Dichlorobenzene	18.04	146	2058028	6.922	ppbv		99
78) Hexachloro-1,3-Butadiene	23.59	225	1191567	10.726	ppbv		100
79) Naphthalene	22.46	128	3210867	7.602	ppbv		99
80) Naphthalene,2-methyl-	25.15	142	1031510	9.179	ppbv		99
81) 1,2,4-Trichlorobenzene	22.19	180	1507851	7.089	ppbv		99

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

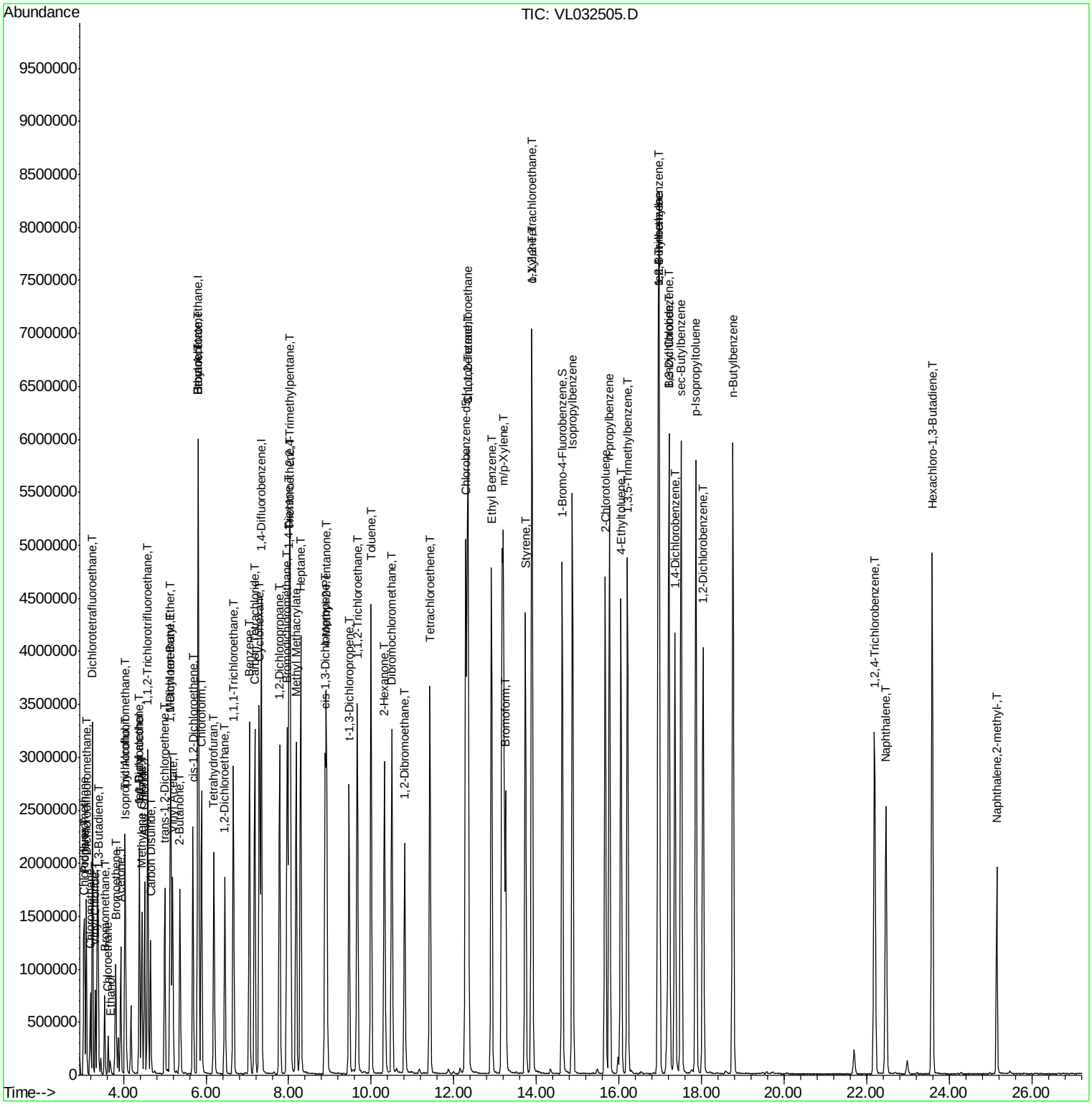
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091018\

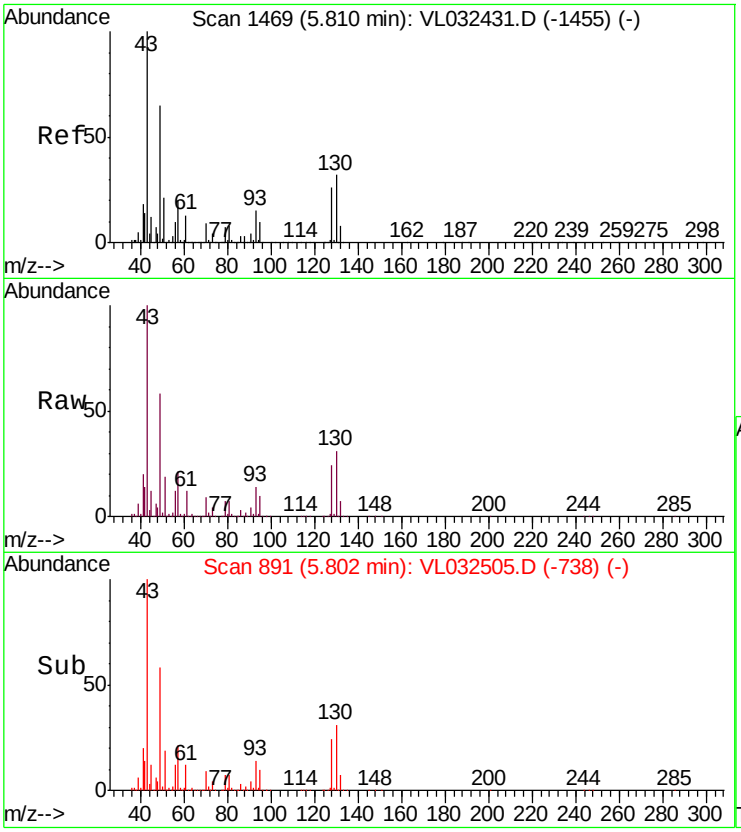
Quantitation Report (Not Reviewed)

Data File : VL032505.D
Acq On : 11 Sep 2018 13:00
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Quant Time: Sep 12 05:38:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 31 21:33:46 2018
QLast Update : Fri Aug 31 21:33:46 2018
Response via : Initial Calibration



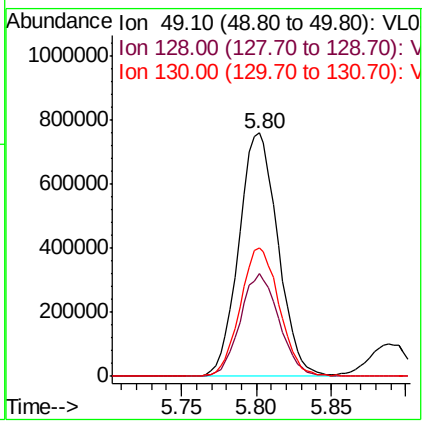


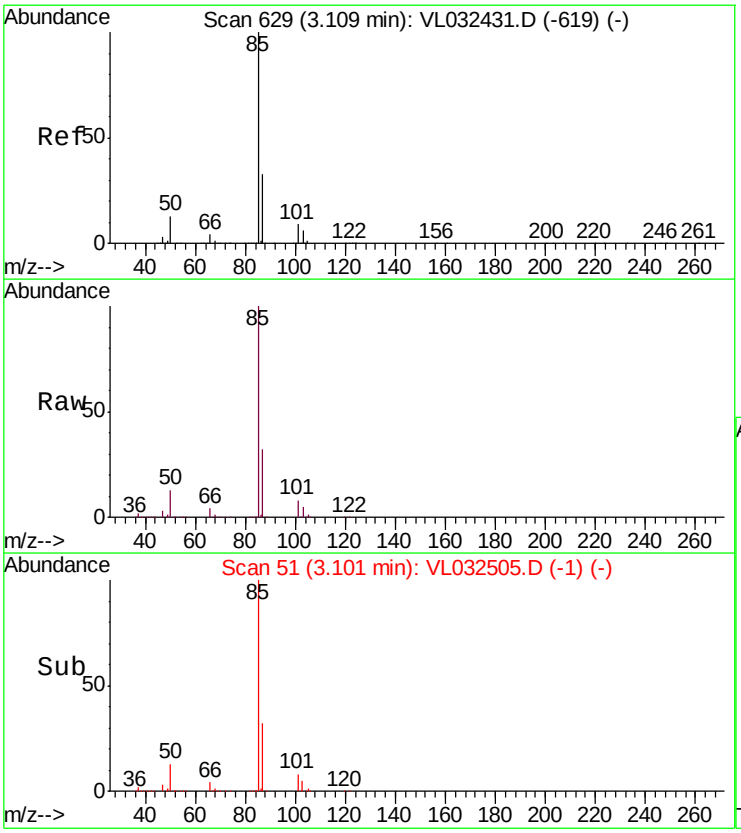
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.80 min Scan# 891
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 49 Resp: 1384112

Ion	Ratio	Lower	Upper
49	100		
128	41.8	20.7	62.1
130	52.9	26.6	79.7

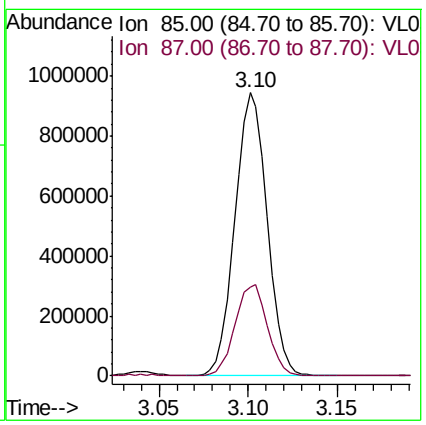


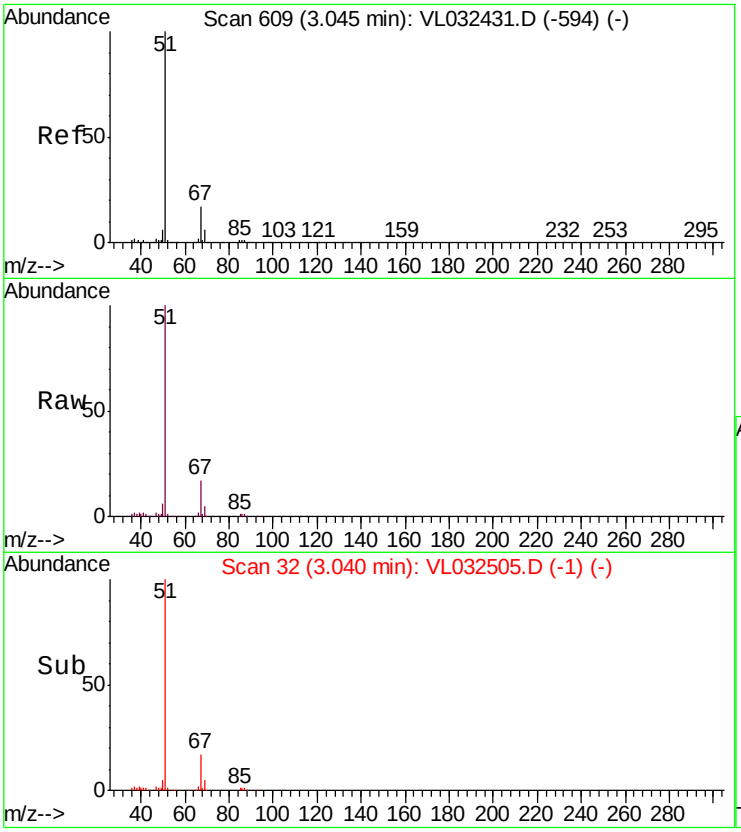


#2
Dichlorodifluoromethane
Concen: 6.726 ppbv
RT: 3.10 min Scan# 51
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Tgt Ion: 85 Resp: 1190824

Ion	Ratio	Lower	Upper
85	100		
87	31.5	26.2	39.4



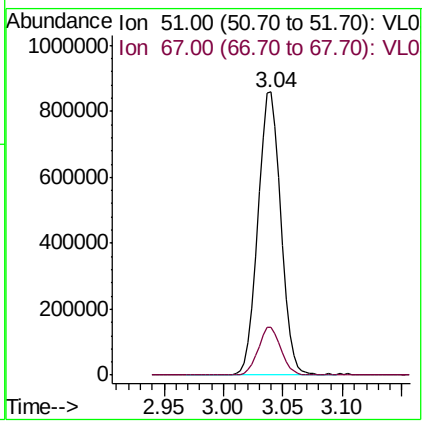


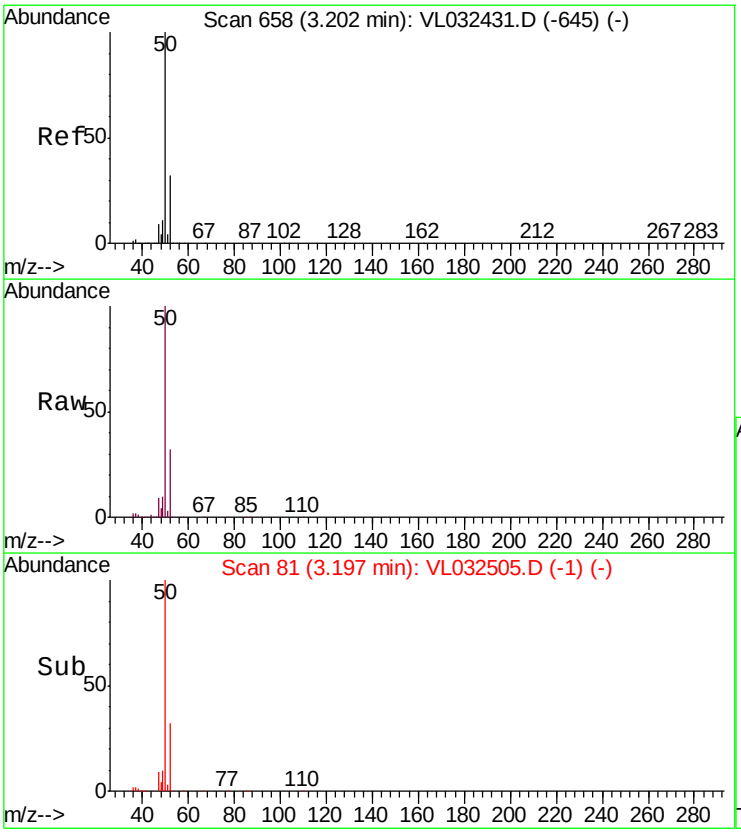
#3
Chlorodifluoromethane
Concen: 9.163 ppbv
RT: 3.04 min Scan# 32
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 51 Resp: 1147987

Ion	Ratio	Lower	Upper
51	100		
67	16.8	13.8	20.8

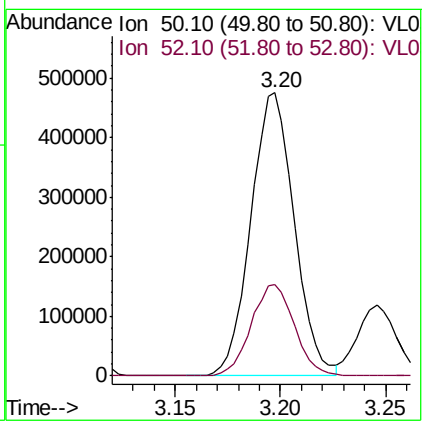


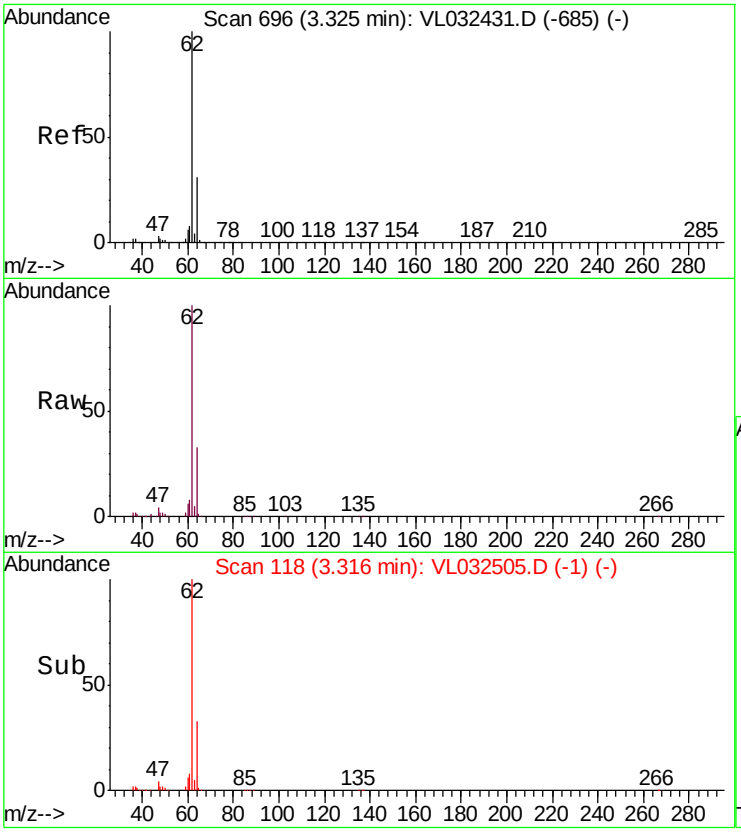


#4
Chloromethane
Concen: 8.986 ppbv
RT: 3.20 min Scan# 81
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Tgt Ion: 50 Resp: 681718

Ion	Ratio	Lower	Upper
50	100		
52	32.2	25.6	38.4



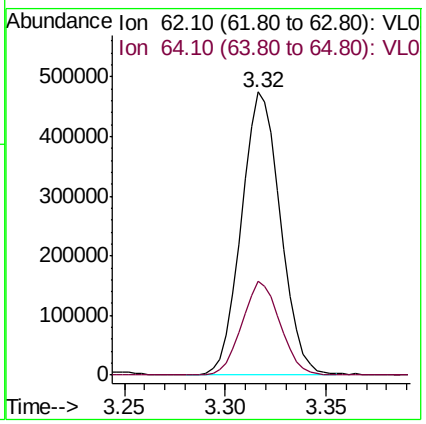


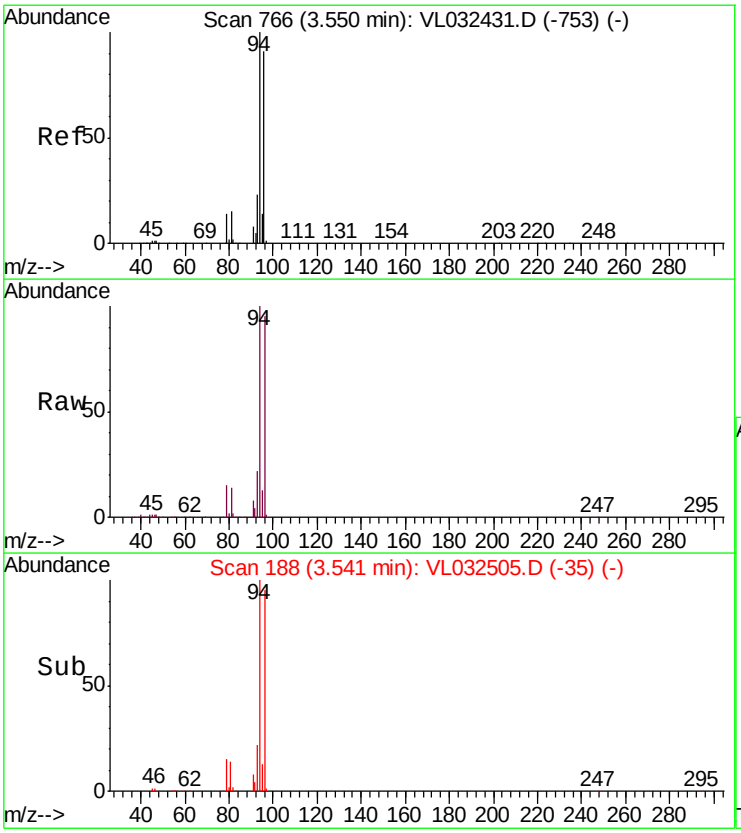
#5
Vinyl Chloride
Concen: 8.644 ppbv
RT: 3.32 min Scan# 118
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 62 Resp: 647248

Ion	Ratio	Lower	Upper
62	100		
64	33.2	25.0	37.6

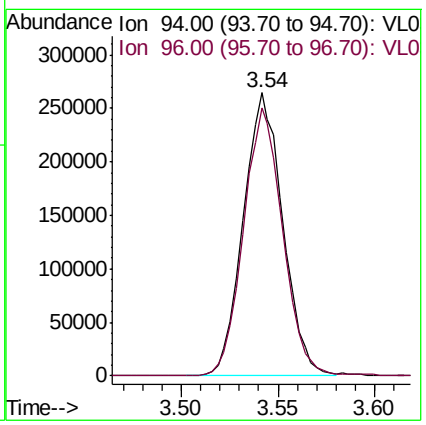


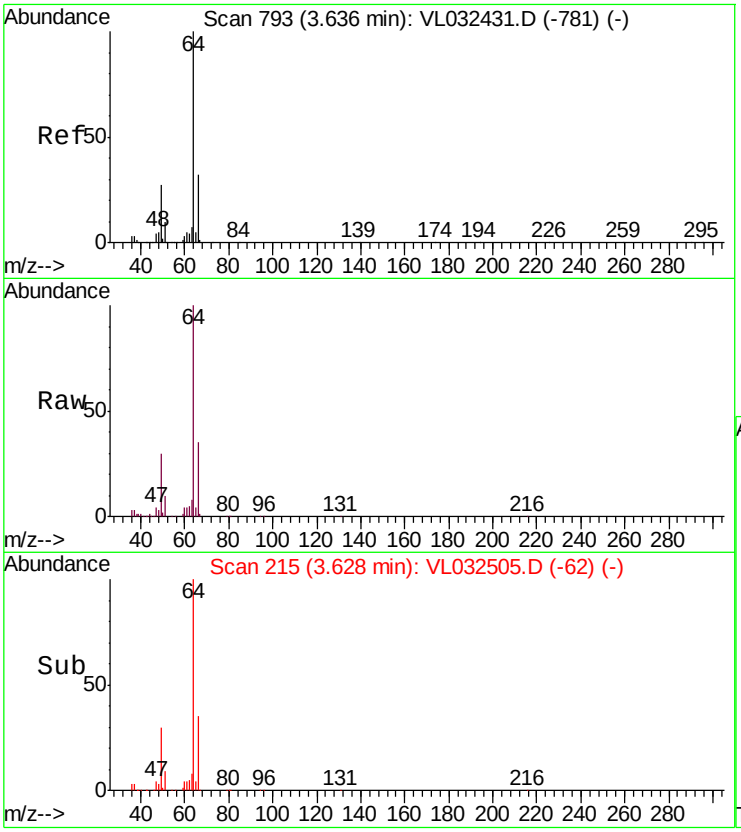


#6
Bromomethane
Concen: 9.544 ppbv
RT: 3.54 min Scan# 188
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Tgt Ion: 94 Resp: 375134

Ion	Ratio	Lower	Upper
94	100		
96	94.9	72.8	109.2



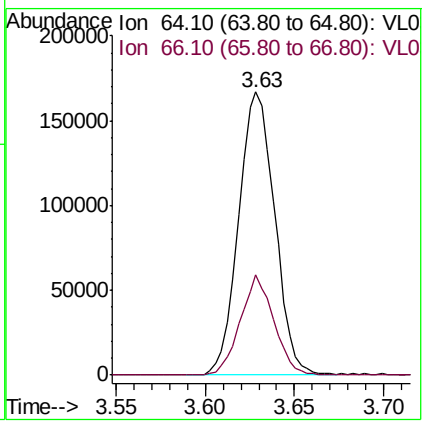


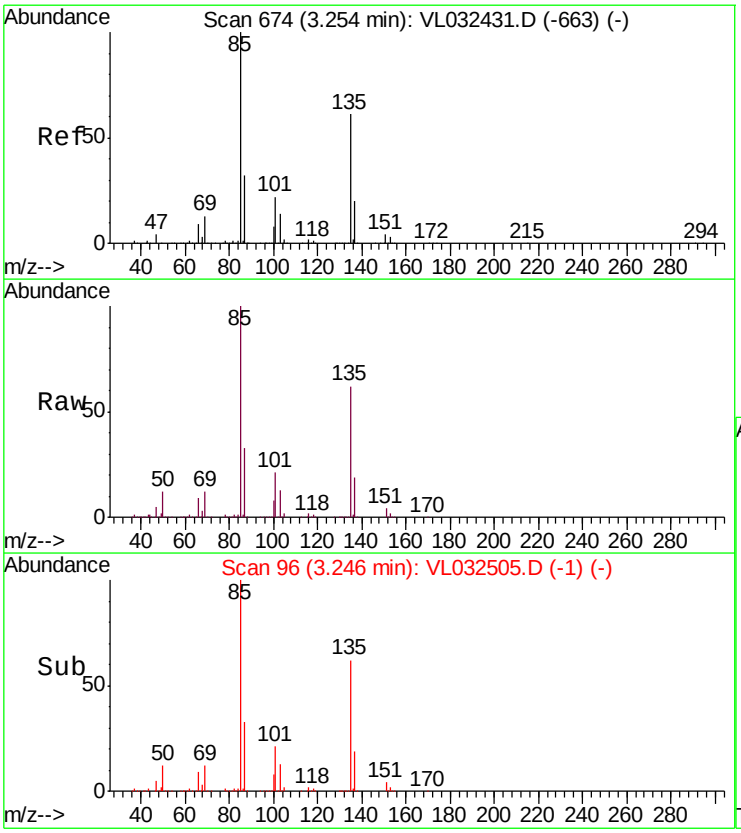
#7
Chloroethane
Concen: 9.092 ppbv
RT: 3.63 min Scan# 215
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 64 Resp: 235655

Ion	Ratio	Lower	Upper
64	100		
66	35.4	25.8	38.6

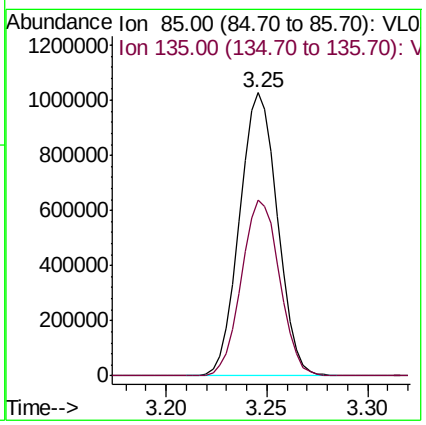


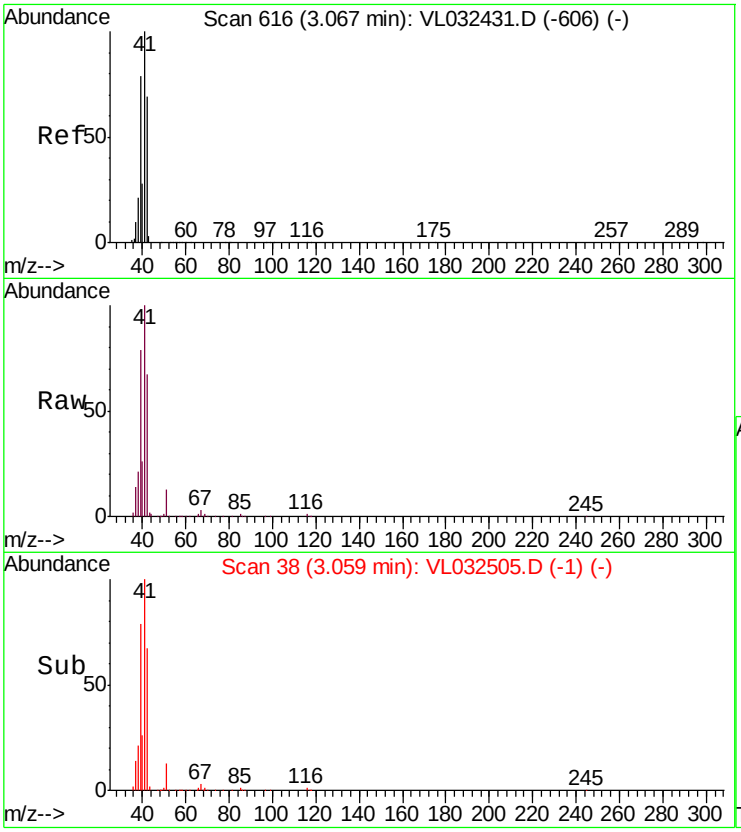


#8
Dichlorotetrafluoroethane
Concen: 8.638 ppbv
RT: 3.25 min Scan# 96
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Tgt Ion: 85 Resp: 1357353

Ion	Ratio	Lower	Upper
85	100		
135	62.8	48.6	72.8



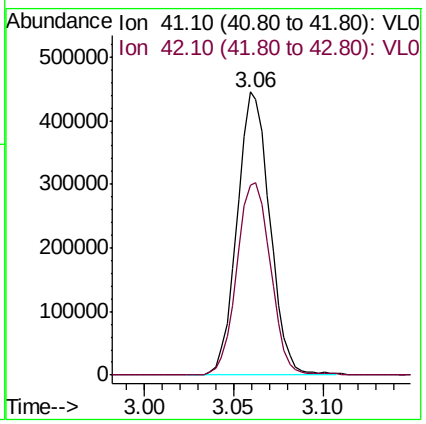


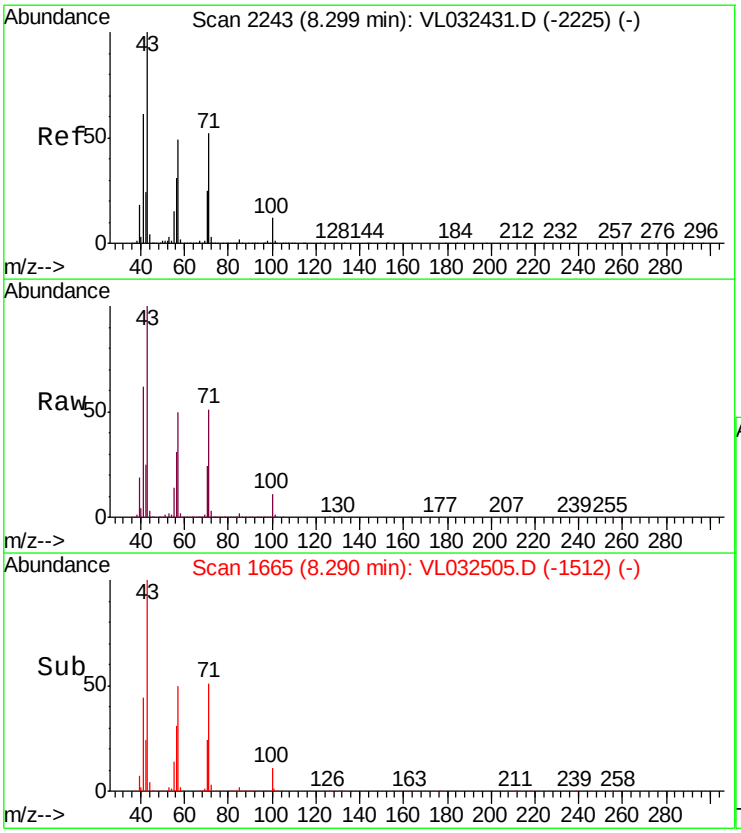
#9
Propene
Concen: 11.223 ppbv
RT: 3.06 min Scan# 38
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 41 Resp: 567237

Ion	Ratio	Lower	Upper
41	100		
42	70.7	56.6	84.8

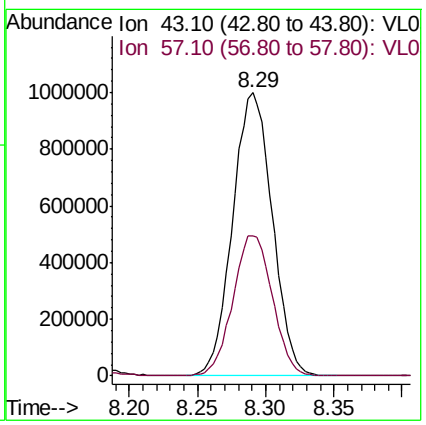


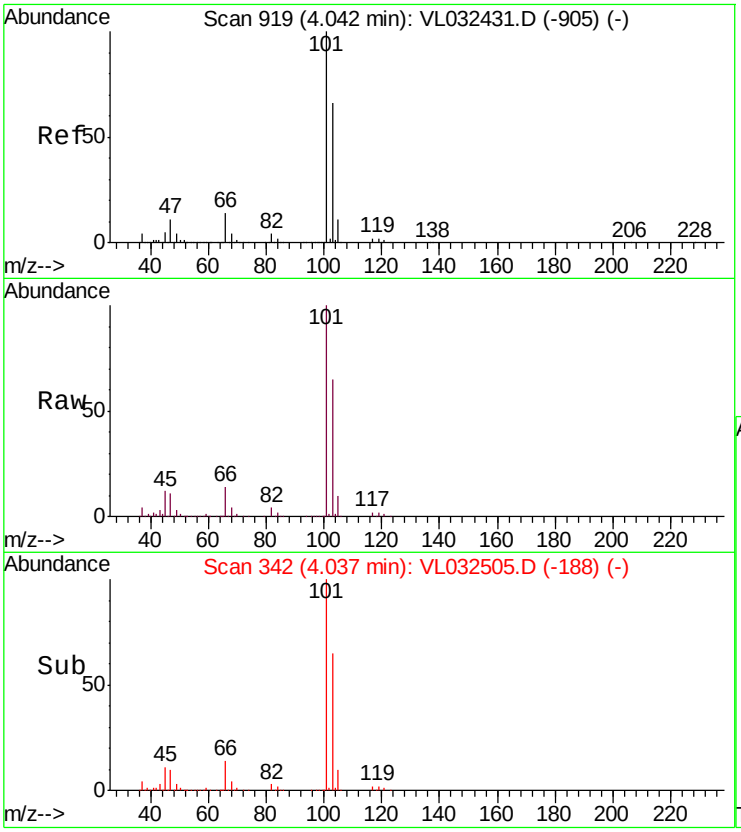


#10
Heptane
Concen: 11.083 ppbv
RT: 8.29 min Scan# 1665
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Tgt Ion: 43 Resp: 2009474

Ion	Ratio	Lower	Upper
43	100		
57	49.9	39.6	59.4



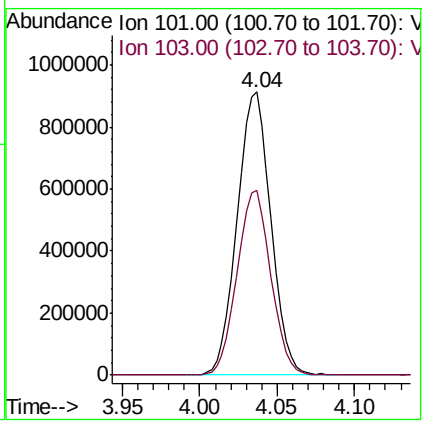


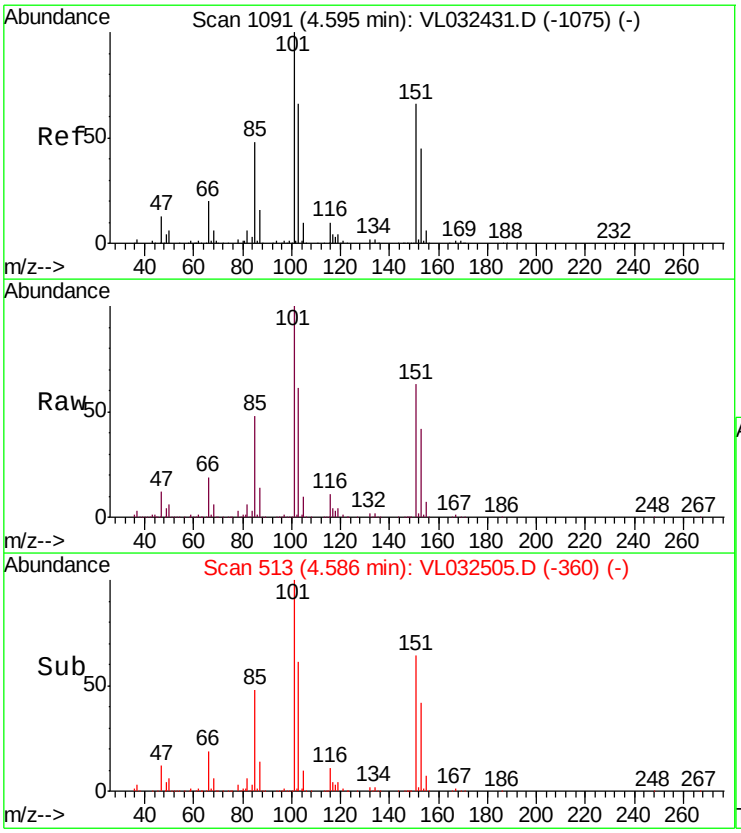
#11
Trichlorofluoromethane
Concen: 8.672 ppbv
RT: 4.04 min Scan# 342
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:101 Resp: 1384349

Ion	Ratio	Lower	Upper
101	100		
103	65.4	52.8	79.2

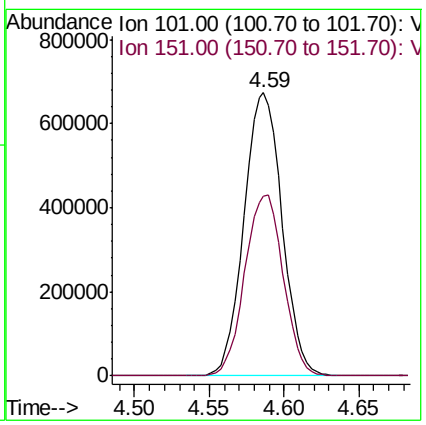


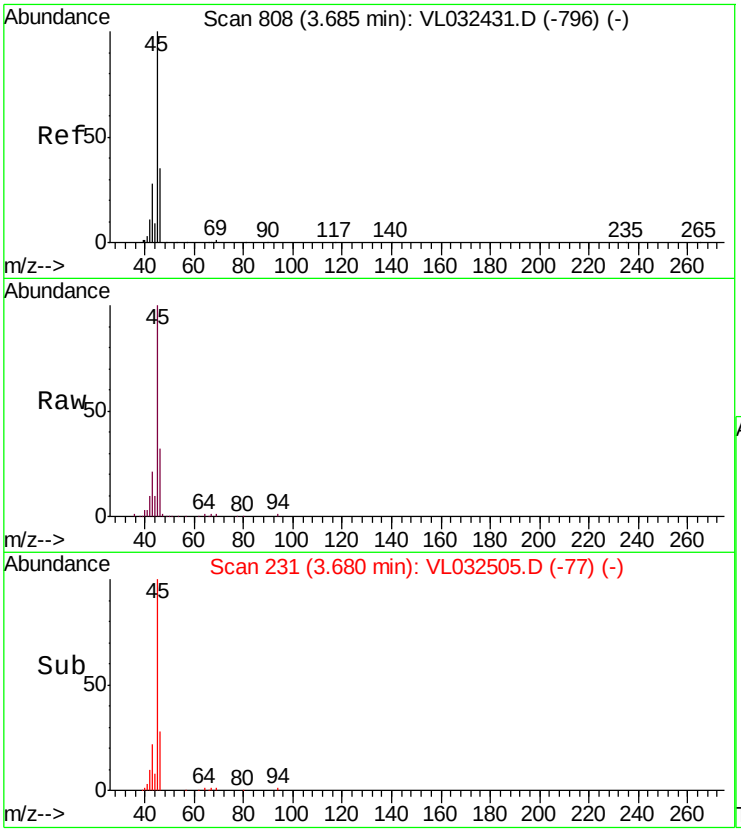


#12
1,1,2-Trichlorotrifluoroethane
Concen: 11.033 ppbv
RT: 4.59 min Scan# 513
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Tgt Ion:101 Resp: 1193608

Ion	Ratio	Lower	Upper
101	100		
151	64.7	52.6	78.8



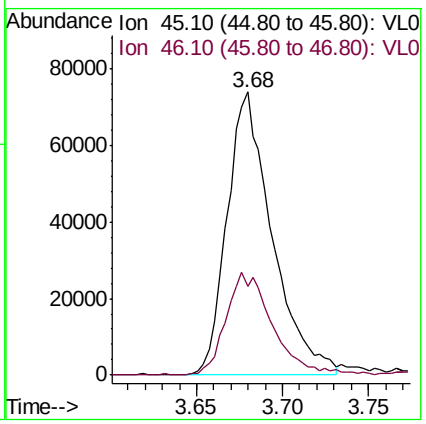


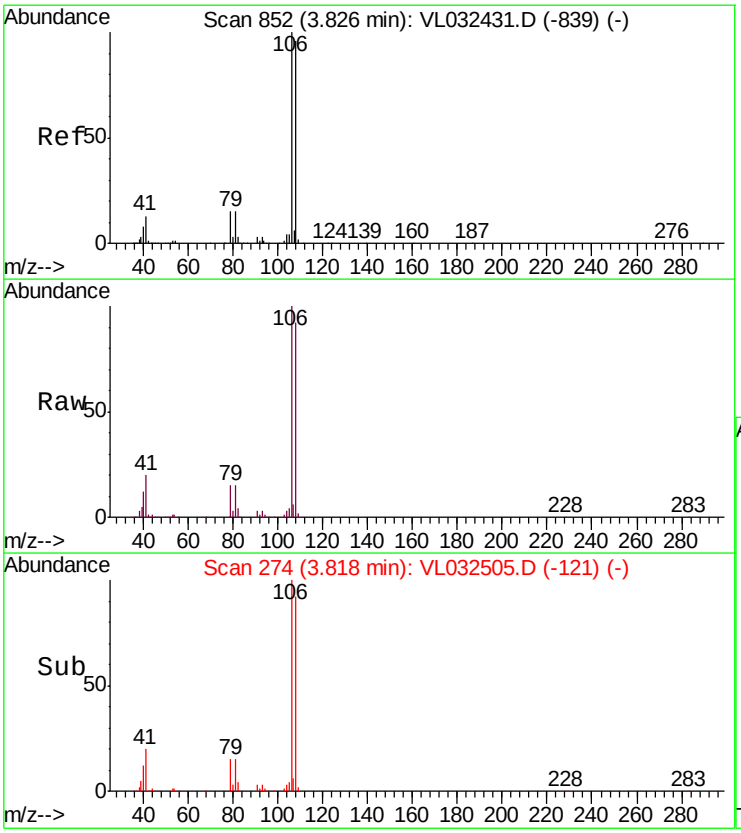
#13
Ethanol
Concen: 8.546 ppbv
RT: 3.68 min Scan# 231
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 45 Resp: 134640

Ion	Ratio	Lower	Upper
45	100		
46	37.7	14.2	56.8

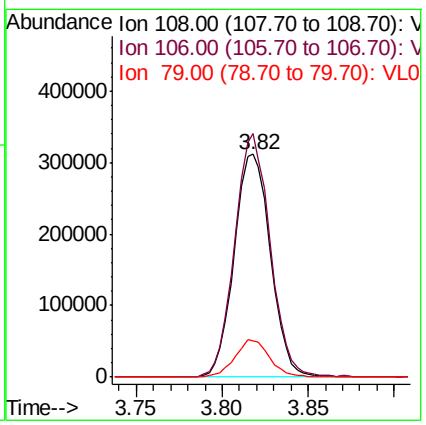


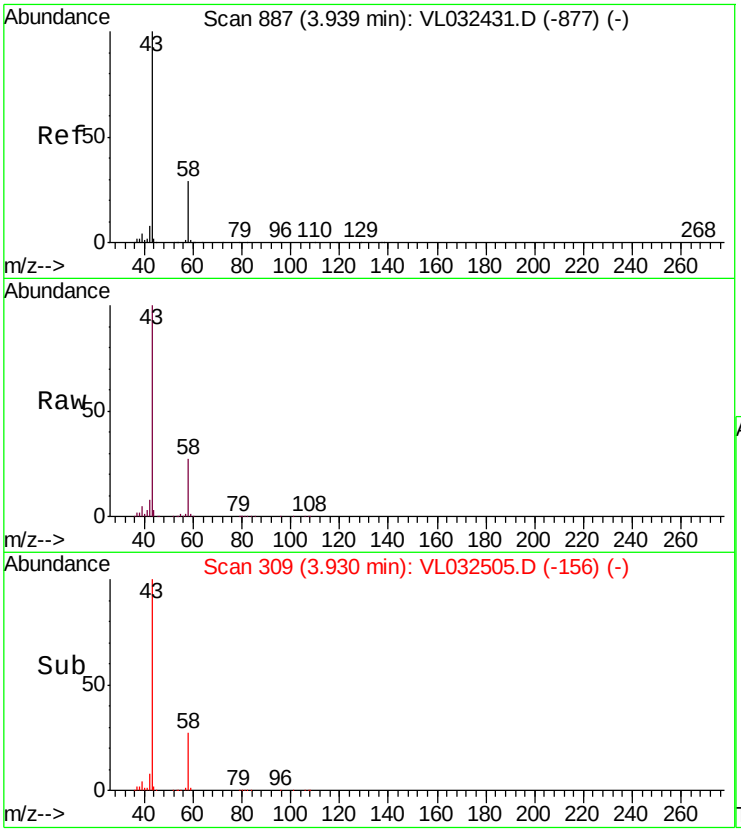


#14
Bromoethene
Concen: 9.977 ppbv
RT: 3.82 min Scan# 274
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Tgt Ion:108 Resp: 457259

Ion	Ratio	Lower	Upper
108	100		
106	107.4	85.5	128.3
79	16.3	13.0	19.6



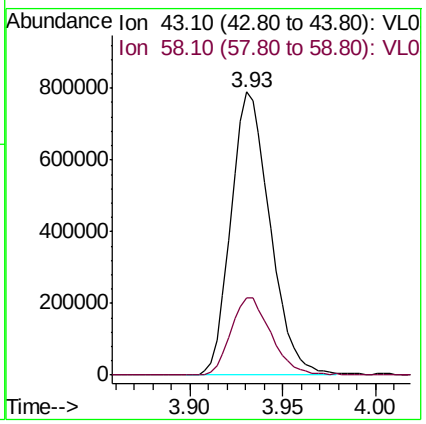


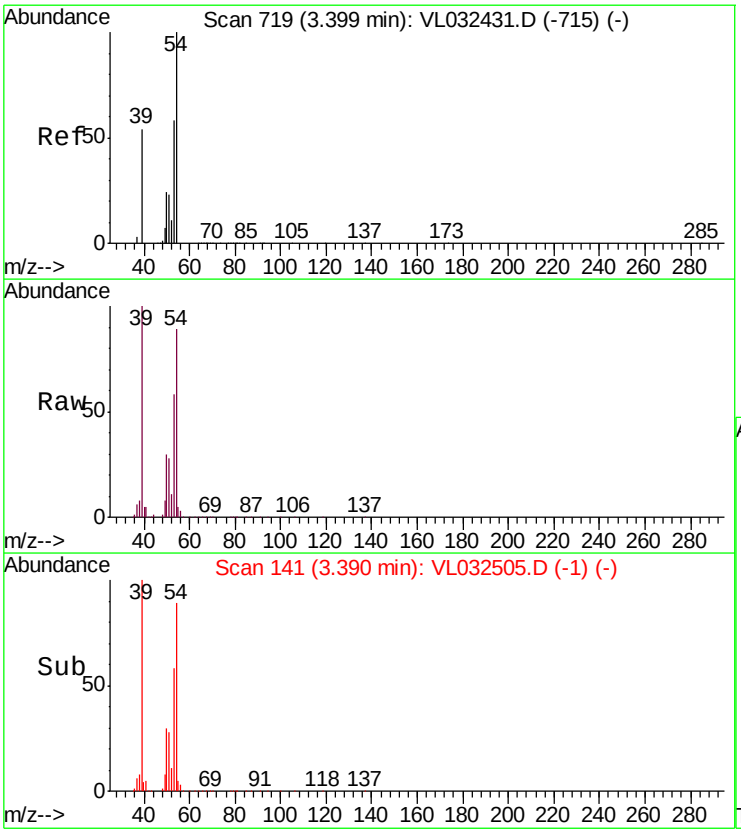
#15
Acetone
Concen: 9.291 ppbv
RT: 3.93 min Scan# 309
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 43 Resp: 1158033

Ion	Ratio	Lower	Upper
43	100		
58	28.3	22.6	33.8

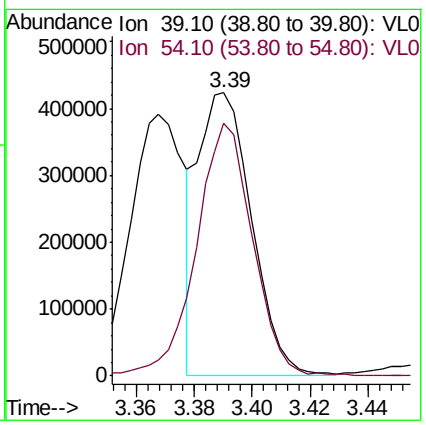


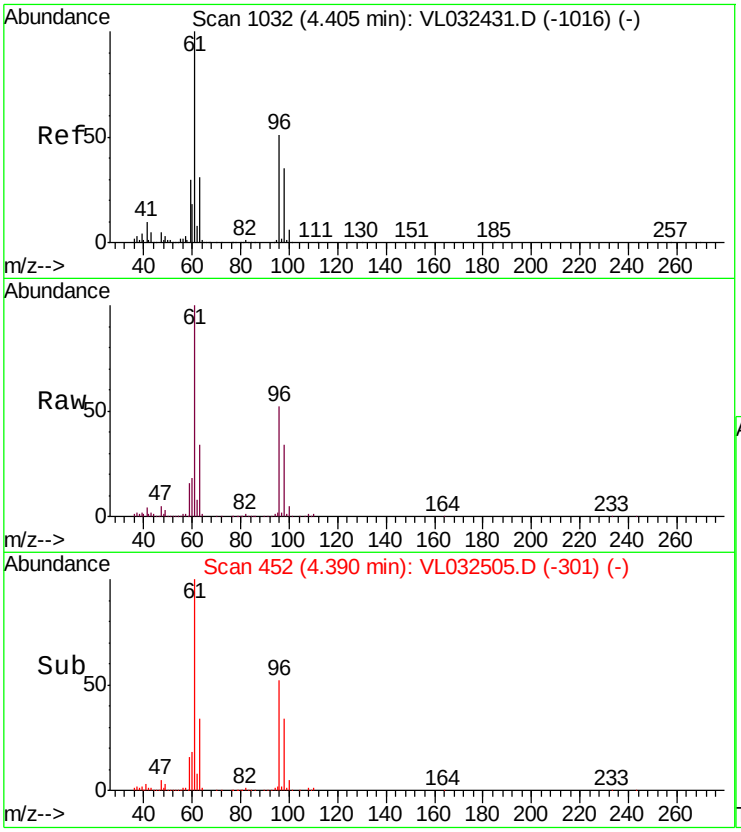


#16
1,3-Butadiene
Concen: 9.182 ppbv
RT: 3.39 min Scan# 141
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Tgt Ion: 39 Resp: 538539

Ion	Ratio	Lower	Upper
39	100		
54	95.4	80.8	121.2



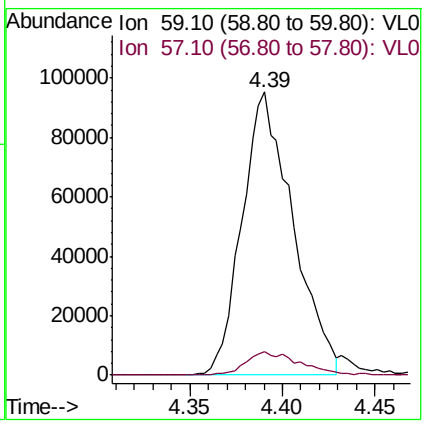


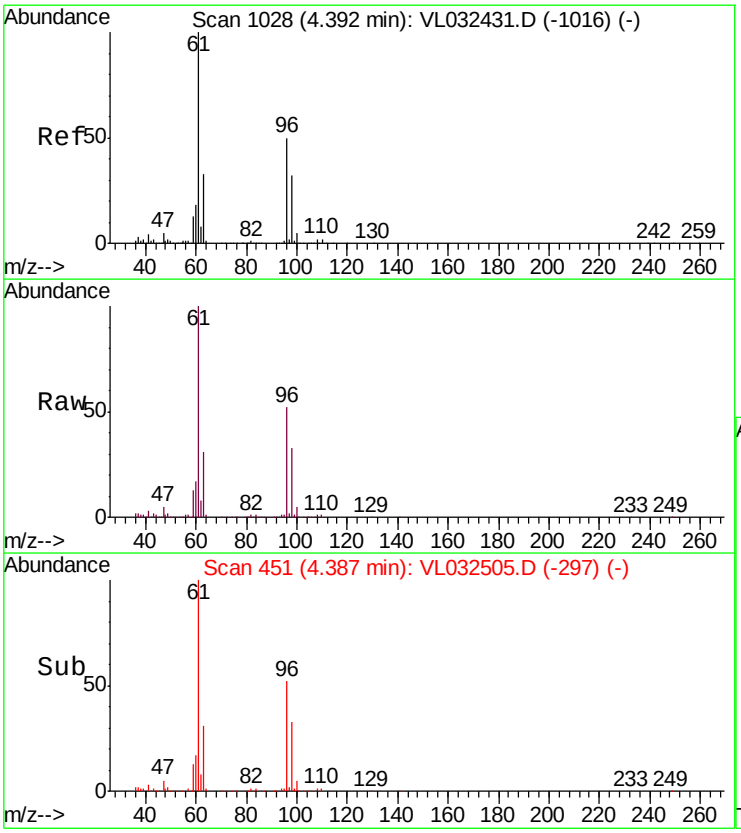
#17
tert-Butyl alcohol
Concen: 9.455 ppbv
RT: 4.39 min Scan# 452
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 181359

Ion	Ratio	Lower	Upper
59	100		
57	8.9	0.0	0.0#

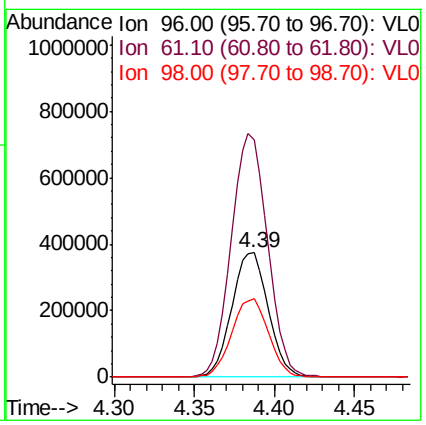


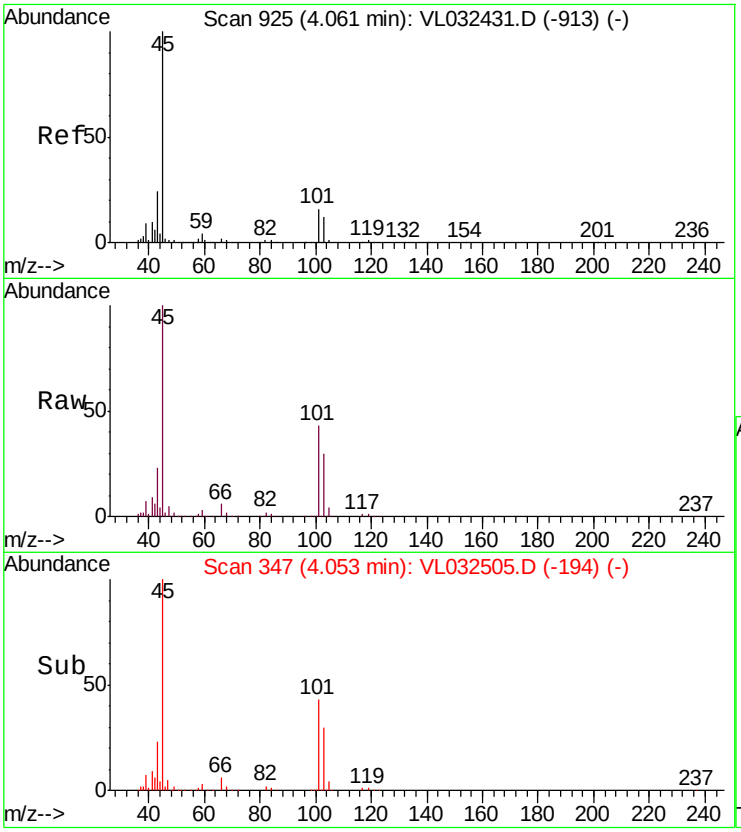


#18
1,1-Dichloroethene
Concen: 11.701 ppbv
RT: 4.39 min Scan# 451
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Tgt Ion: 96 Resp: 578485

Ion	Ratio	Lower	Upper
96	100		
61	191.7	159.2	238.8
98	63.9	51.0	76.4



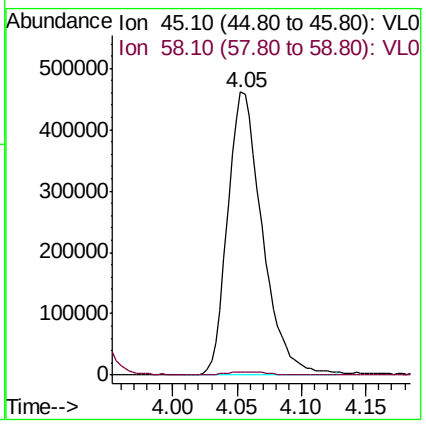


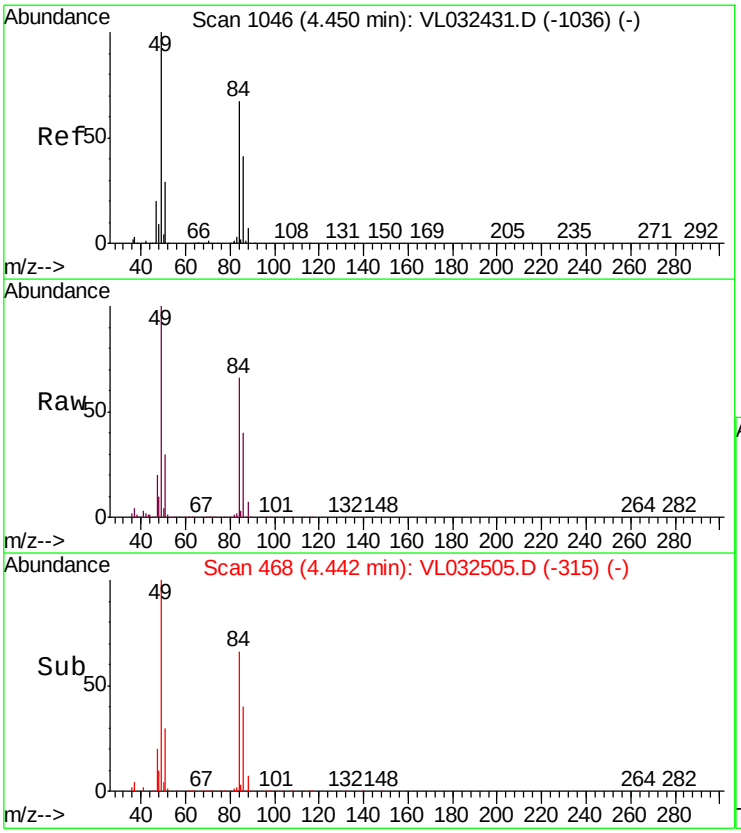
#19
Isopropyl Alcohol
Concen: 10.542 ppbv
RT: 4.05 min Scan# 347
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 45 Resp: 861992

Ion	Ratio	Lower	Upper
45	100		
58	1.7	2.0	3.0#

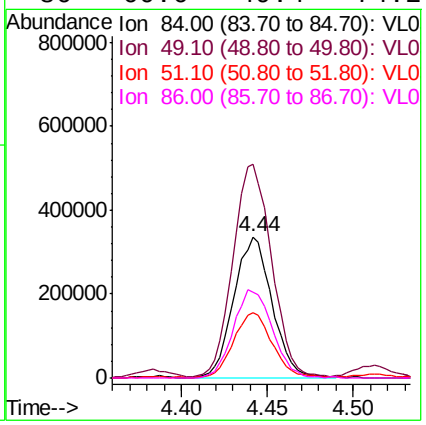


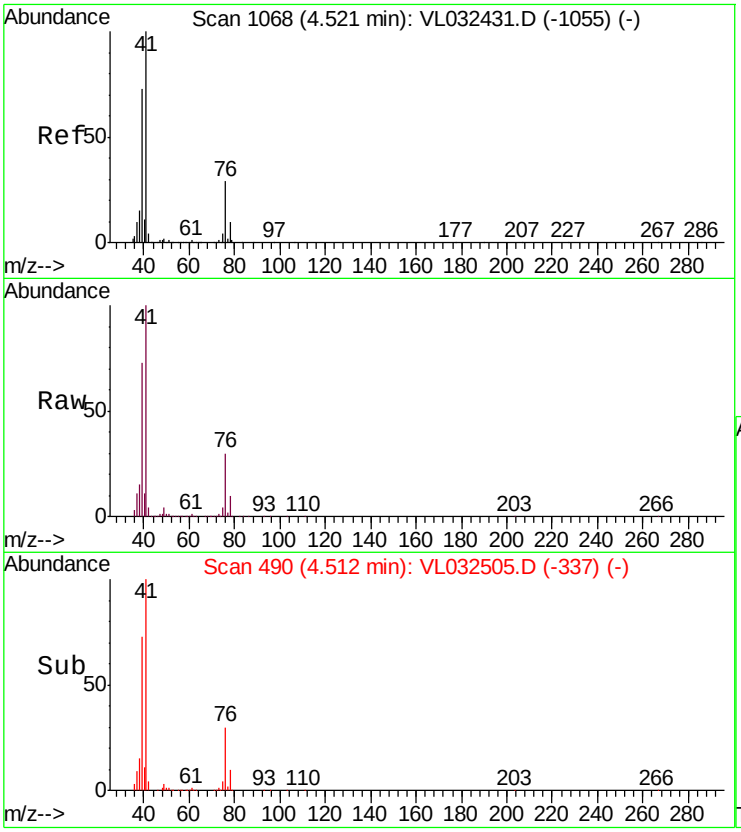


#20
Methylene Chloride
Concen: 10.870 ppbv
RT: 4.44 min Scan# 468
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Tgt Ion: 84 Resp: 516593

Ion	Ratio	Lower	Upper
84	100		
49	150.2	119.1	178.7
51	45.5	35.2	52.8
86	60.6	49.4	74.2



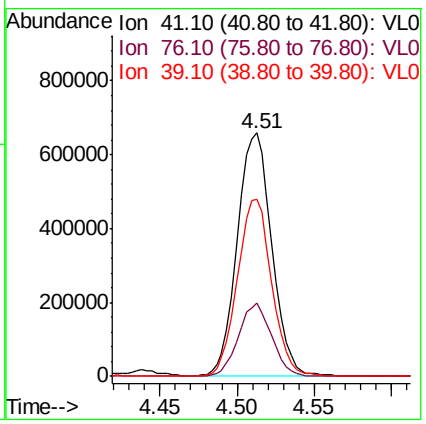


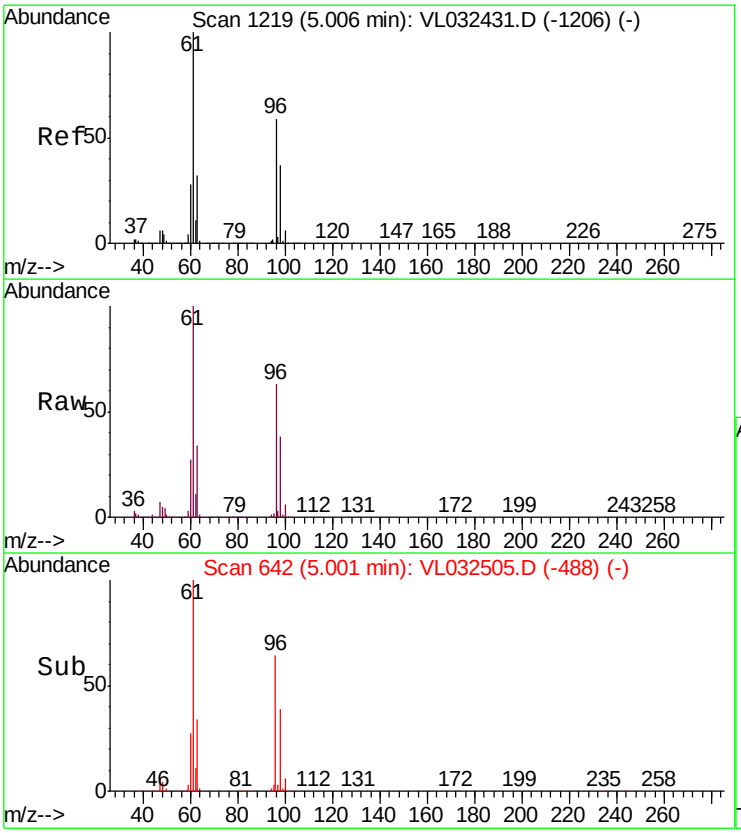
#21
Allyl Chloride
Concen: 12.334 ppbv
RT: 4.51 min Scan# 490
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 41 Resp: 1021082

Ion	Ratio	Lower	Upper
41	100		
76	28.9	23.6	35.4
39	72.3	57.7	86.5

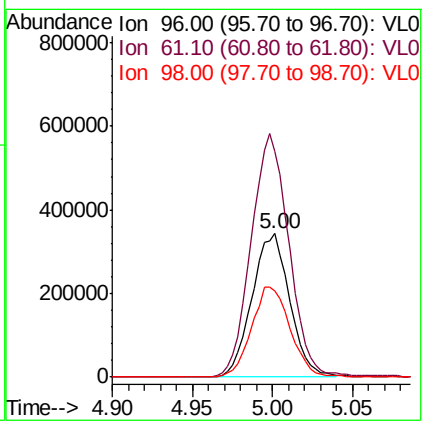


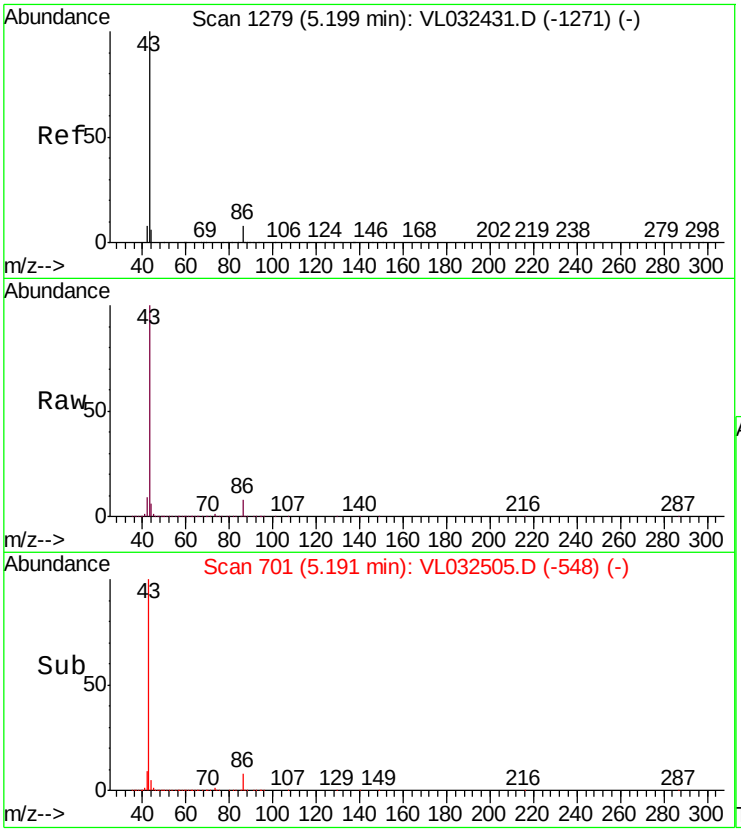


#22
trans-1,2-Dichloroethene
Concen: 10.369 ppbv
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Tgt Ion: 96 Resp: 556250

Ion	Ratio	Lower	Upper
96	100		
61	157.5	136.2	204.4
98	60.3	50.4	75.6



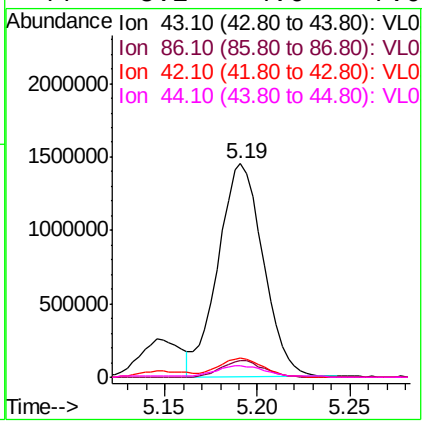


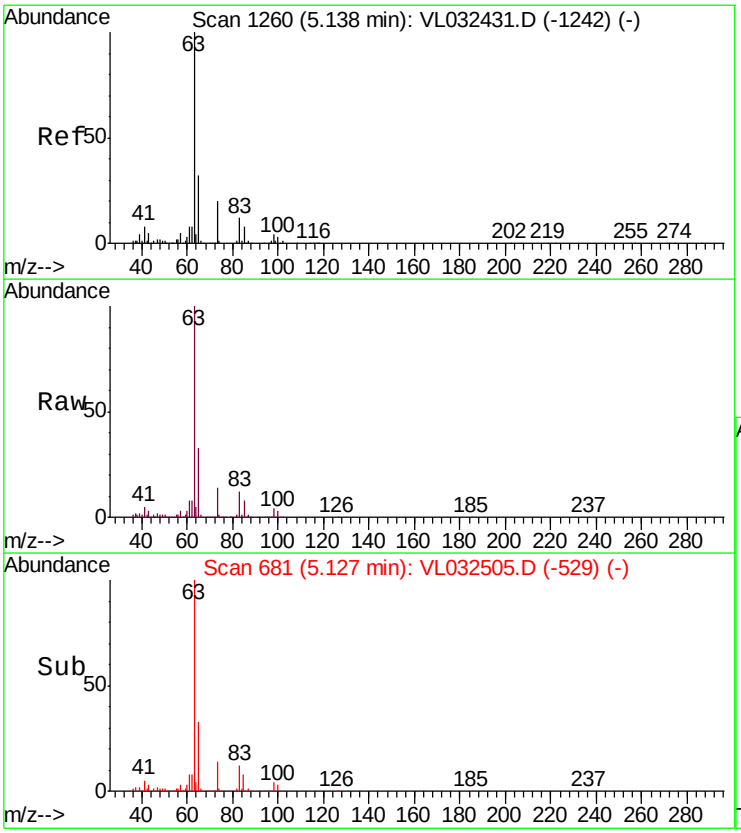
#23
Vinyl Acetate
Concen: 11.827 ppbv
RT: 5.19 min Scan# 701
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 43 Resp: 2443533

Ion	Ratio	Lower	Upper
43	100		
86	7.6	5.9	8.9
42	9.0	6.9	10.3
44	5.2	4.6	7.0

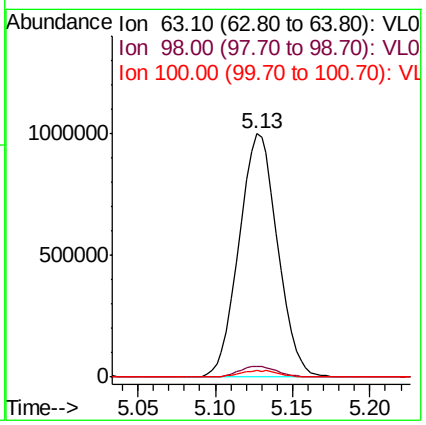


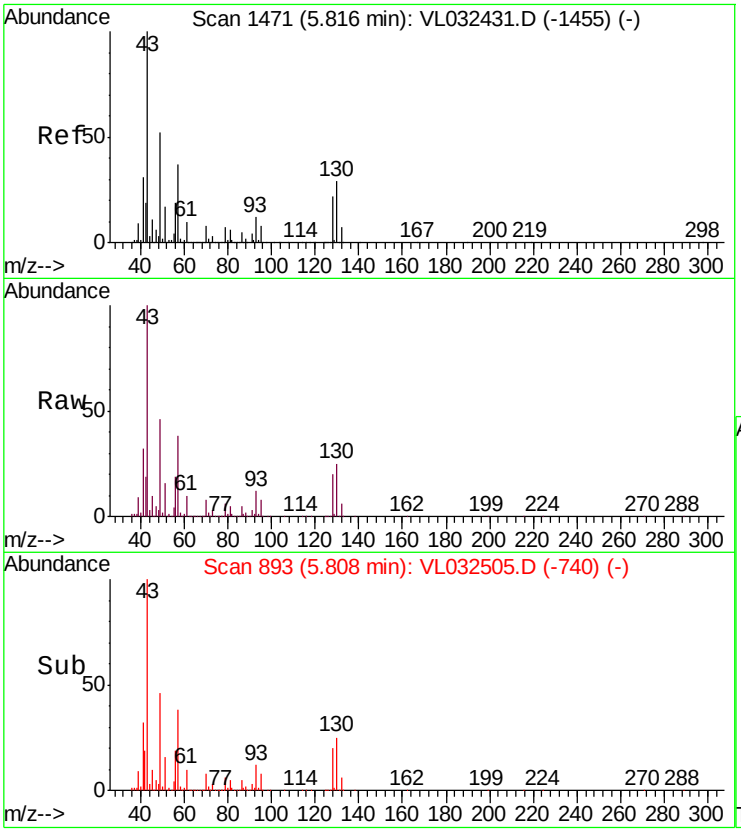


#24
1,1-Dichloroethane
Concen: 10.185 ppbv
RT: 5.13 min Scan# 681
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Tgt Ion: 63 Resp: 1733805

Ion	Ratio	Lower	Upper
63	100		
98	4.3	2.1	6.5
100	2.7	1.5	4.4



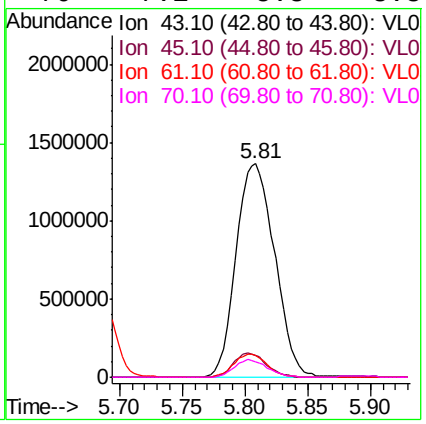


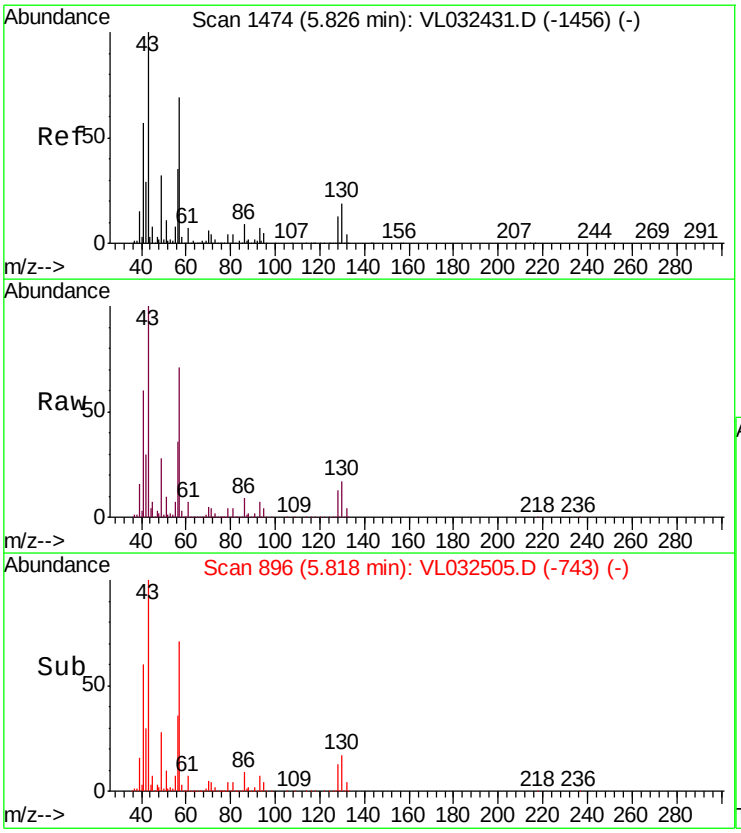
#25
Ethyl Acetate
Concen: 9.926 ppbv
RT: 5.81 min Scan# 893
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 2921662

Ion	Ratio	Lower	Upper
43	100		
45	9.7	8.0	12.0
61	9.6	7.6	11.4
70	7.1	5.8	8.8

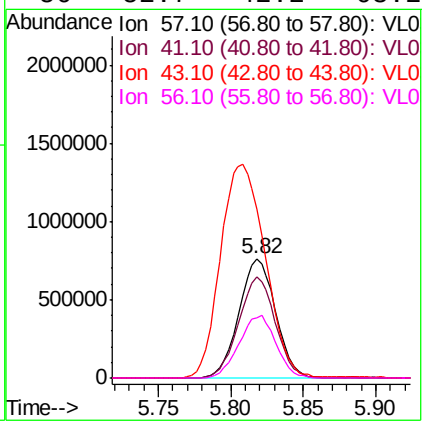


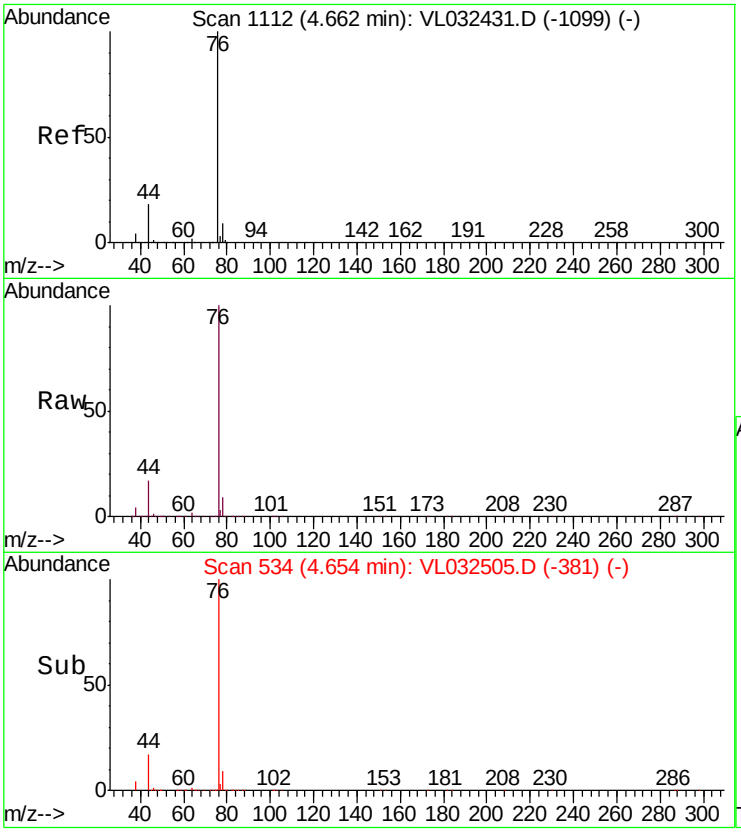


#26
Hexane
Concen: 10.127 ppbv
RT: 5.82 min Scan# 896
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Tgt Ion: 57 Resp: 1334749

Ion	Ratio	Lower	Upper
57	100		
41	85.4	69.0	103.4
43	220.2	172.1	258.1
56	52.7	42.2	63.2



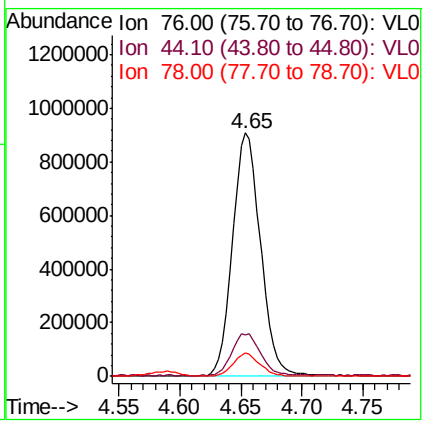


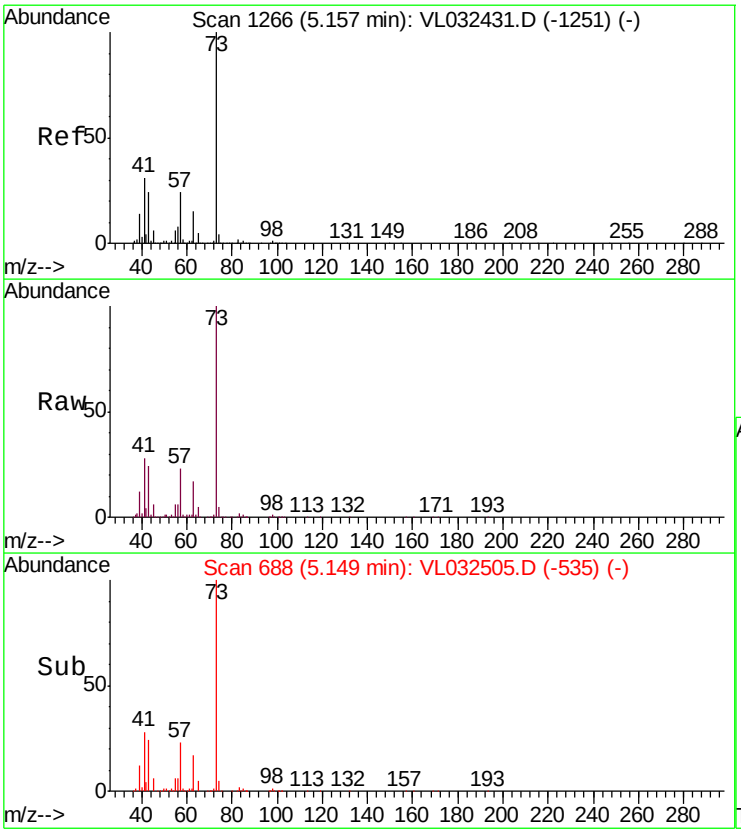
#27
Carbon Disulfide
Concen: 11.923 ppbv
RT: 4.65 min Scan# 534
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 76 Resp: 1450595

Ion	Ratio	Lower	Upper
76	100		
44	17.5	14.0	21.0
78	9.3	7.5	11.3

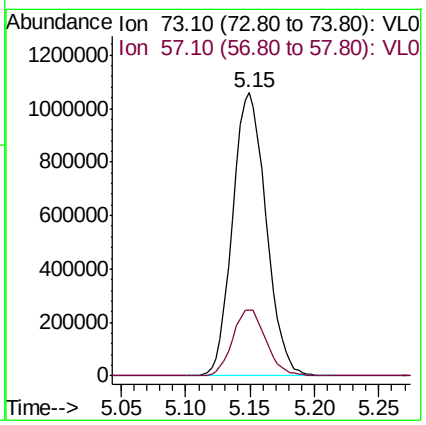


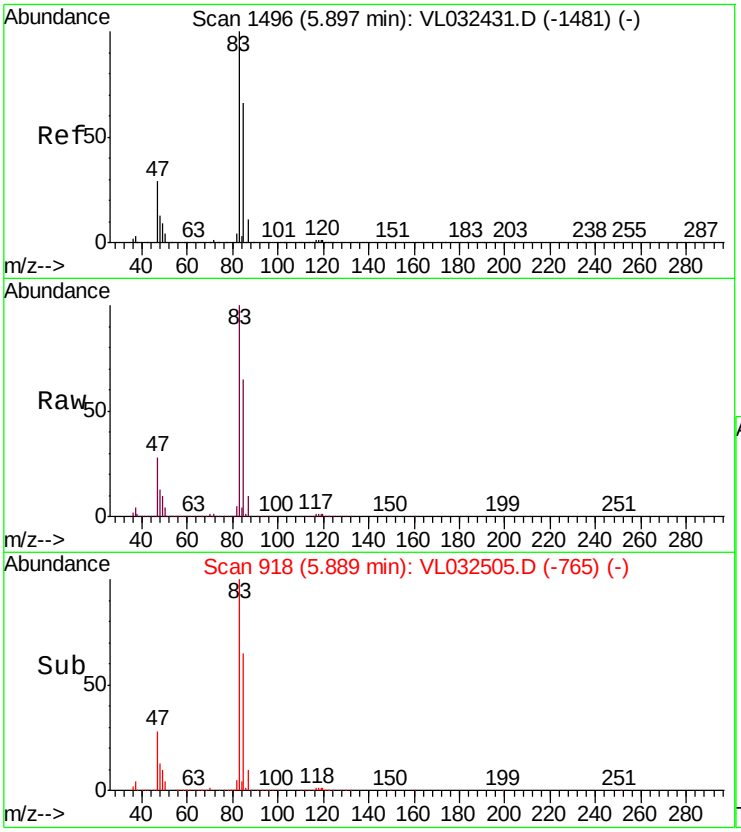


#28
Methyl tert-Butyl Ether
Concen: 11.839 ppbv
RT: 5.15 min Scan# 688
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Tgt Ion: 73 Resp: 1915694

Ion	Ratio	Lower	Upper
73	100		
57	23.5	19.3	28.9



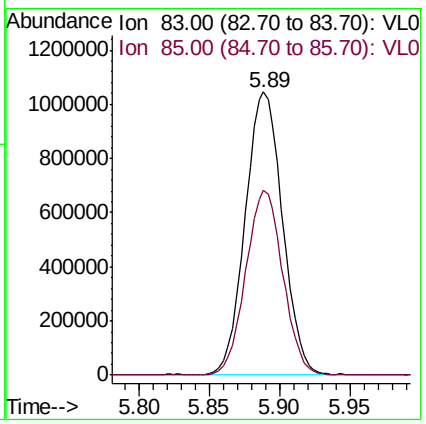


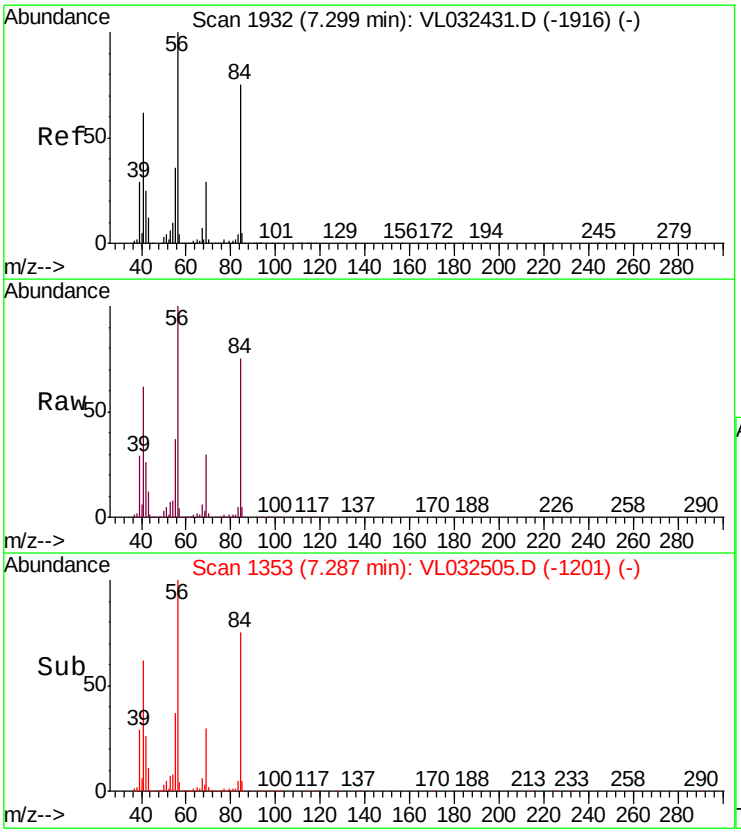
#29
Chloroform
Concen: 9.652 ppbv
RT: 5.89 min Scan# 918
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 1939530

Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.5	78.7

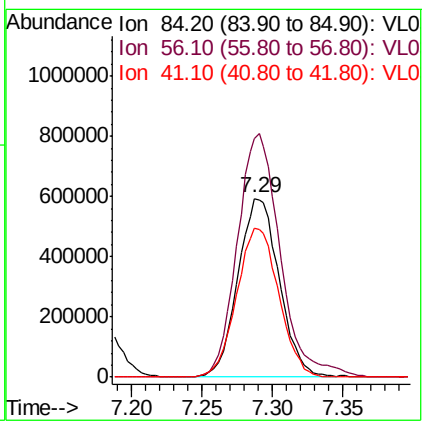


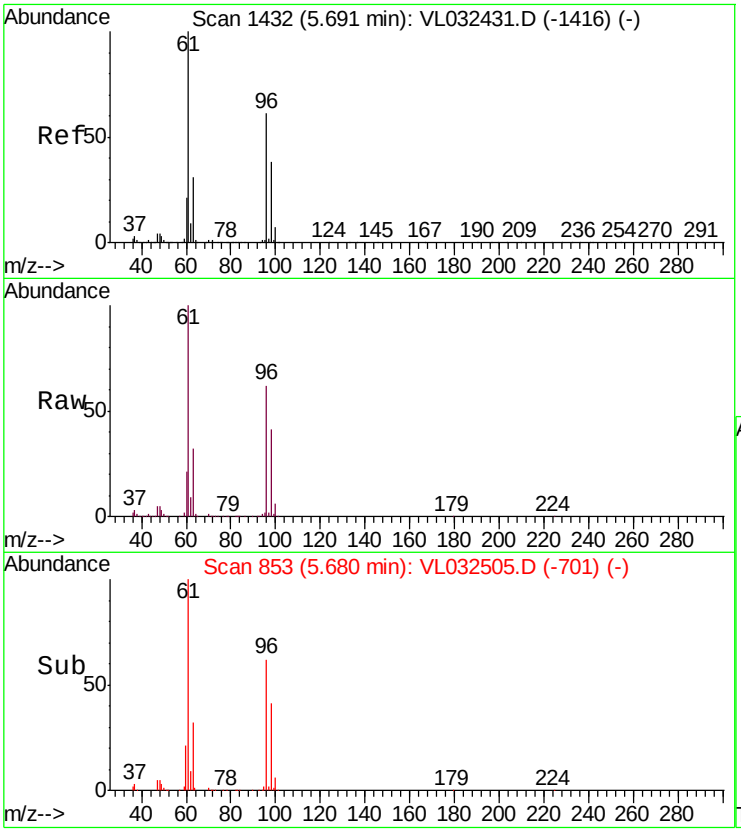


#30
Cyclohexane
Concen: 12.529 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Tgt Ion: 84 Resp: 1209127

Ion	Ratio	Lower	Upper
84	100		
56	143.0	113.5	170.3
41	85.2	68.1	102.1



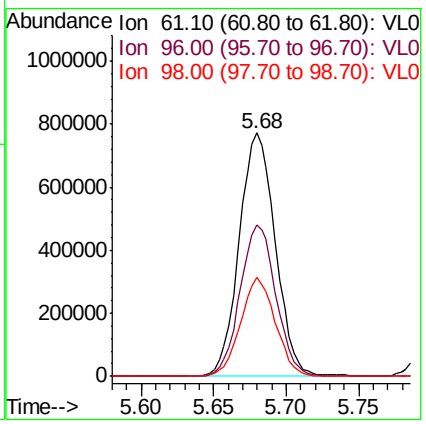


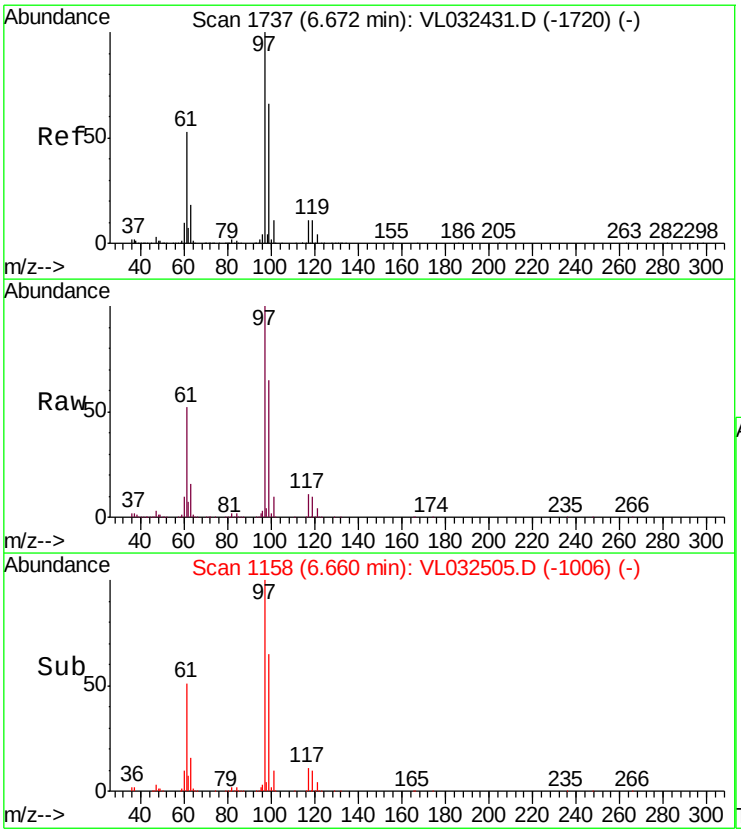
#31
cis-1,2-Dichloroethene
Concen: 11.182 ppbv
RT: 5.68 min Scan# 853
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 61 Resp: 1334509

Ion	Ratio	Lower	Upper
61	100		
96	62.3	49.2	73.8
98	40.7	30.7	46.1

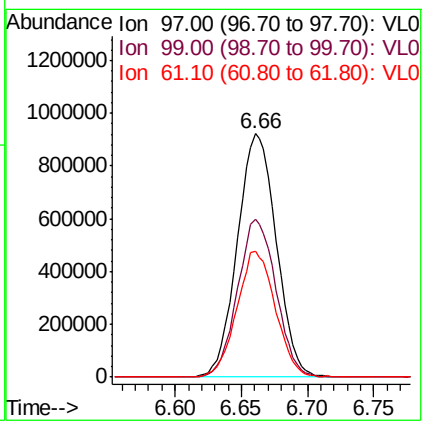


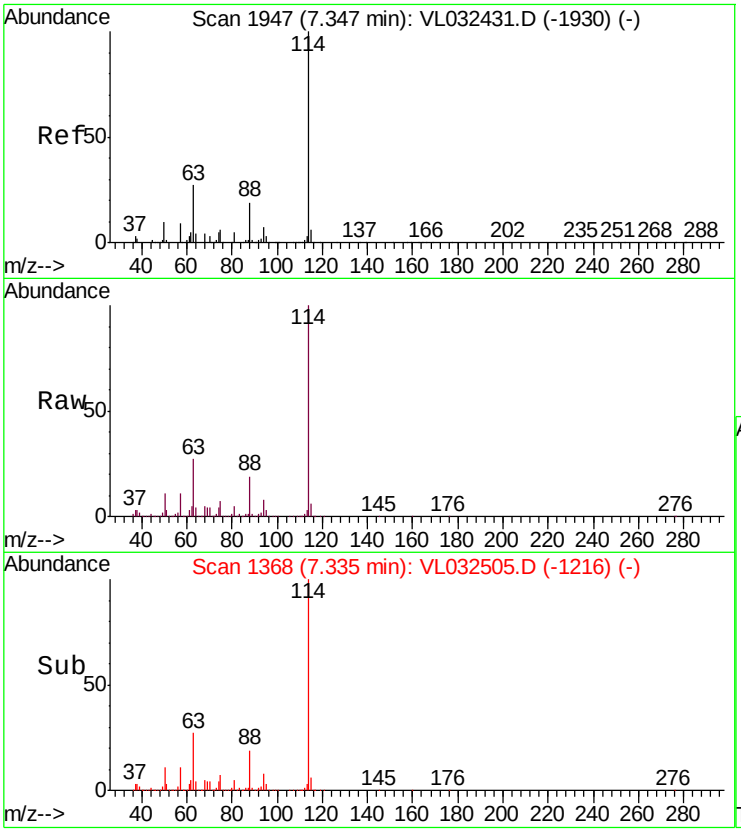


#32
1,1,1-Trichloroethane
Concen: 10.062 ppbv
RT: 6.66 min Scan# 1158
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Tgt Ion: 97 Resp: 1884813

Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.1	78.1
61	51.3	42.5	63.7



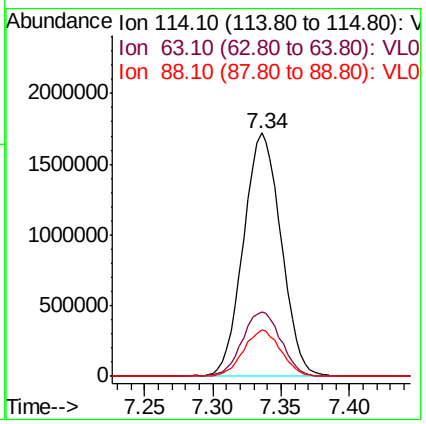


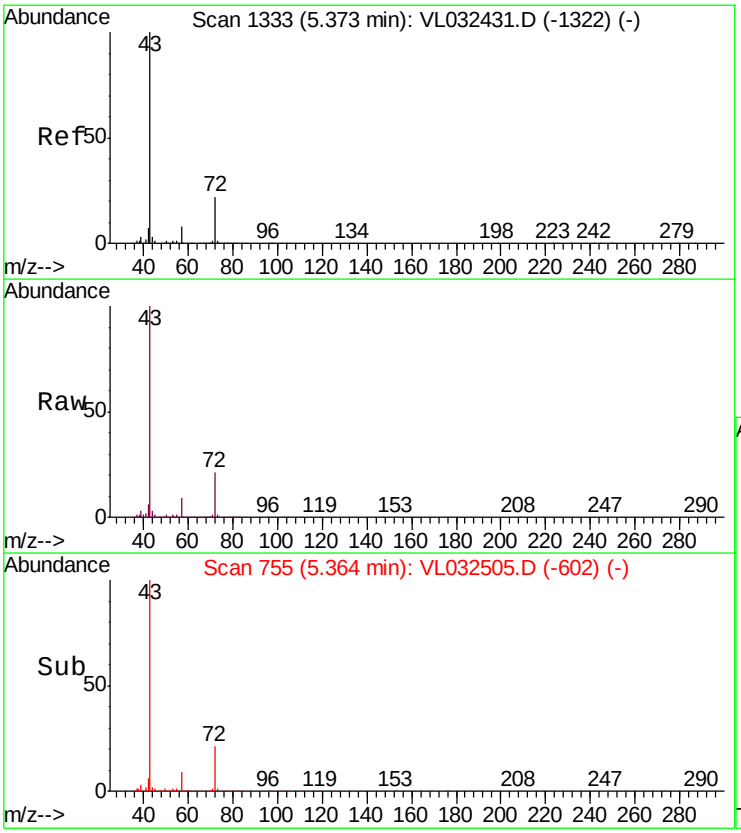
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.34 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:114 Resp: 3302185

Ion	Ratio	Lower	Upper
114	100		
63	27.5	22.2	33.4
88	18.9	15.0	22.4

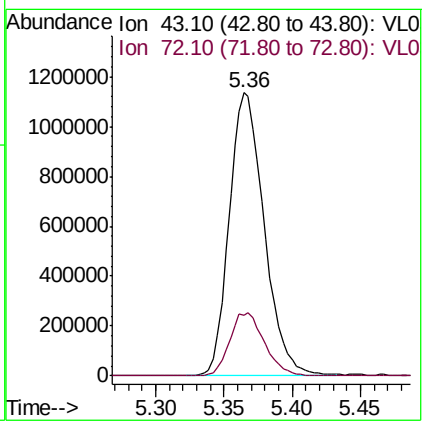


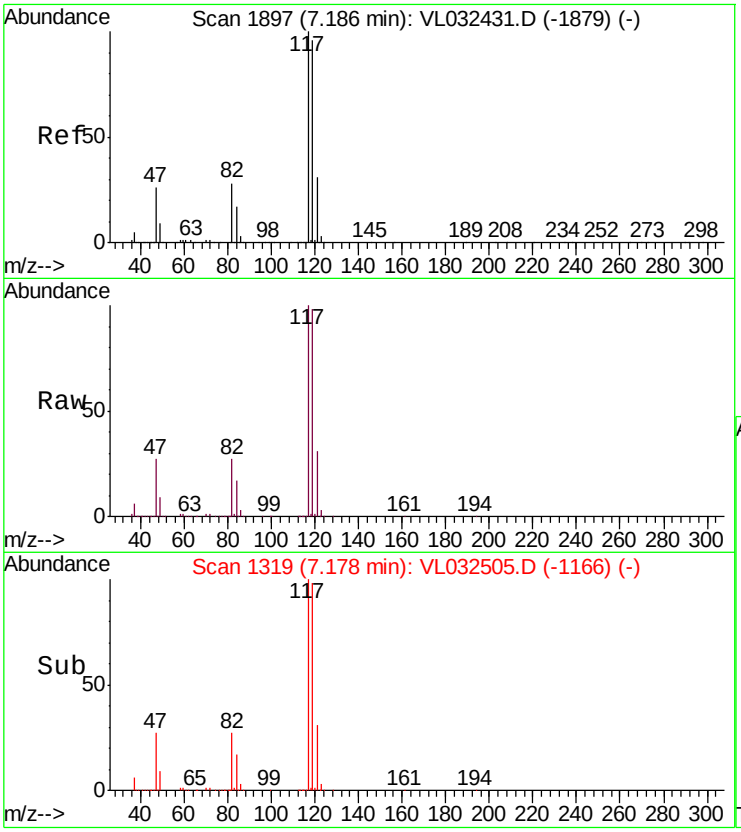


#34
2-Butanone
Concen: 9.177 ppbv
RT: 5.36 min Scan# 755
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Tgt Ion: 43 Resp: 2012908

Ion	Ratio	Lower	Upper
43	100		
72	22.3	17.8	26.6



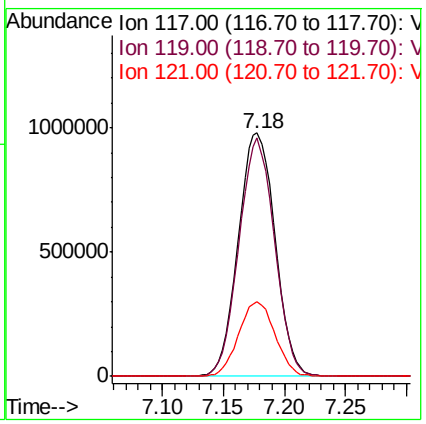


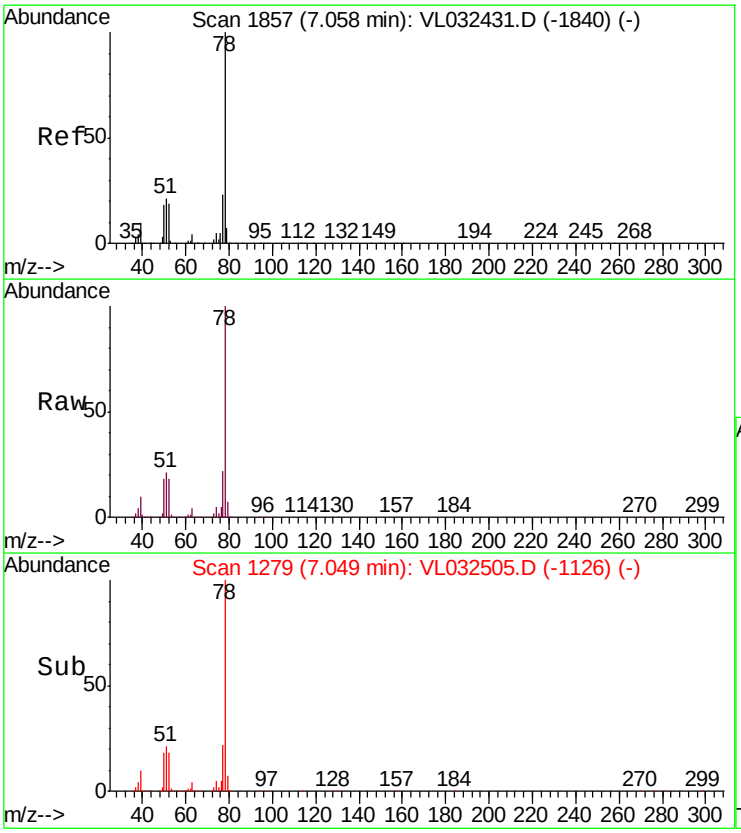
#35
Carbon Tetrachloride
Concen: 9.195 ppbv
RT: 7.18 min Scan# 1319
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:117 Resp: 2040814

Ion	Ratio	Lower	Upper
117	100		
119	98.1	76.6	115.0
121	30.7	24.6	36.8

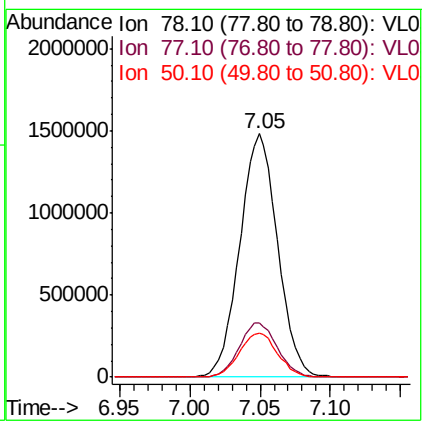


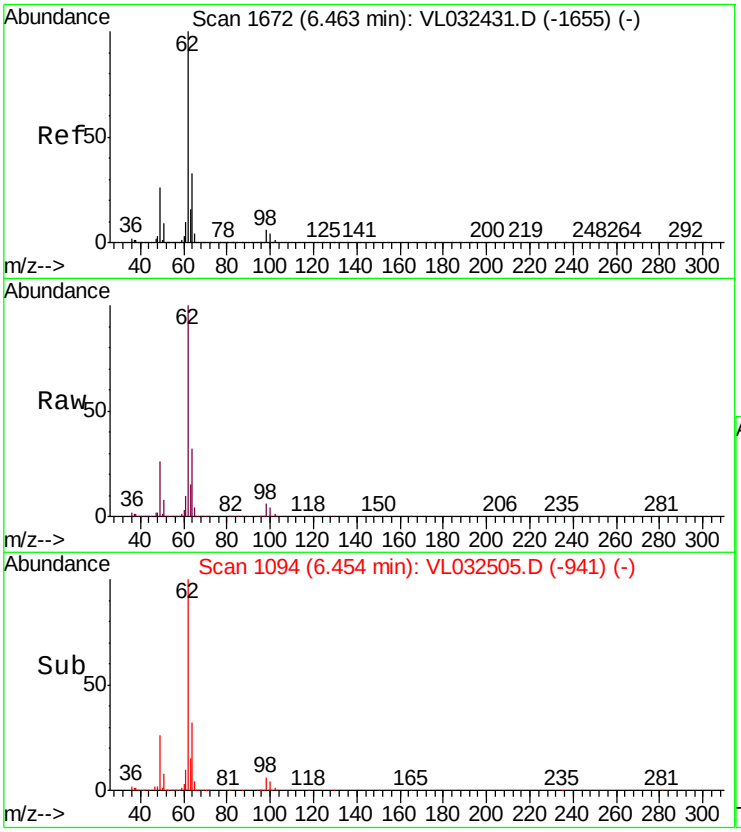


#36
Benzene
Concen: 9.895 ppbv
RT: 7.05 min Scan# 1279
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Tgt Ion: 78 Resp: 2780679

Ion	Ratio	Lower	Upper
78	100		
77	21.9	18.4	27.6
50	17.8	14.4	21.6



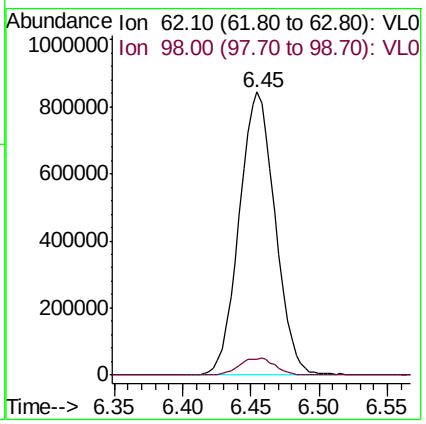


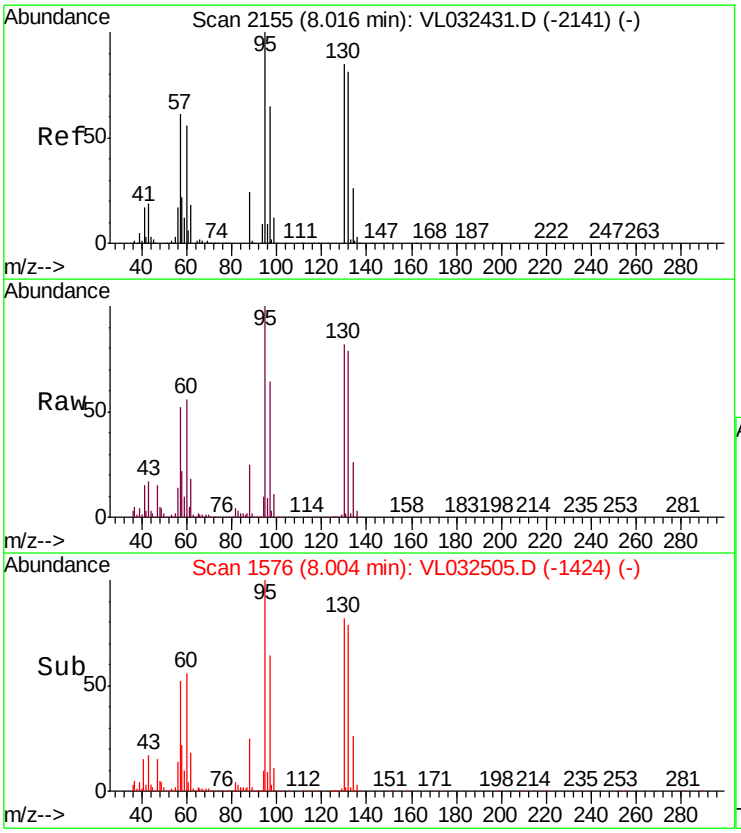
#37
1,2-Dichloroethane
Concen: 8.950 ppbv
RT: 6.45 min Scan# 1094
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 62 Resp: 1541289

Ion	Ratio	Lower	Upper
62	100		
98	6.2	5.0	7.6

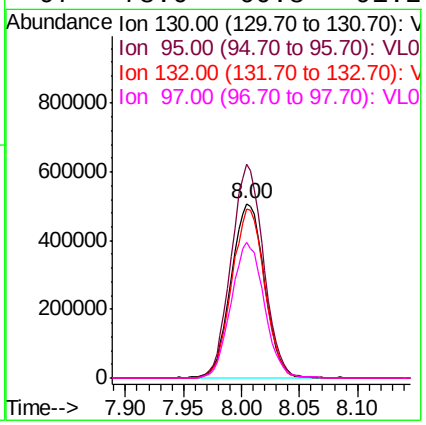


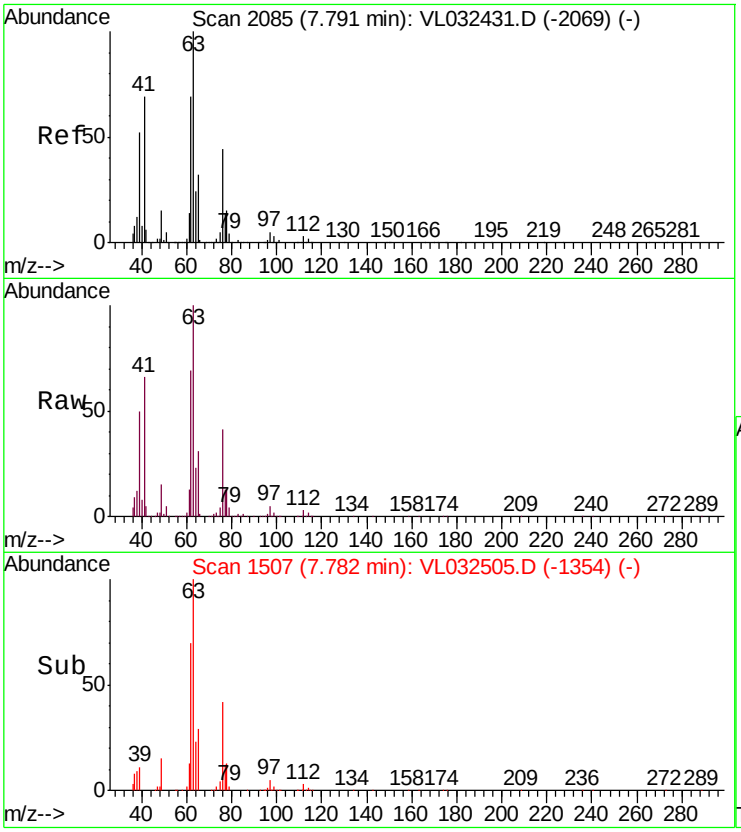


#38
Trichloroethene
Concen: 9.436 ppbv
RT: 8.00 min Scan# 1576
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Tgt Ion:130 Resp: 1007300

Ion	Ratio	Lower	Upper
130	100		
95	122.4	94.2	141.4
132	96.5	76.2	114.4
97	78.0	60.8	91.2



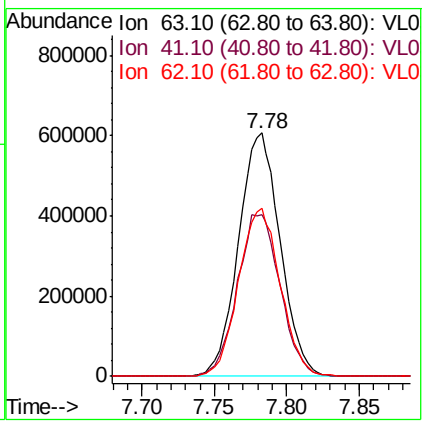


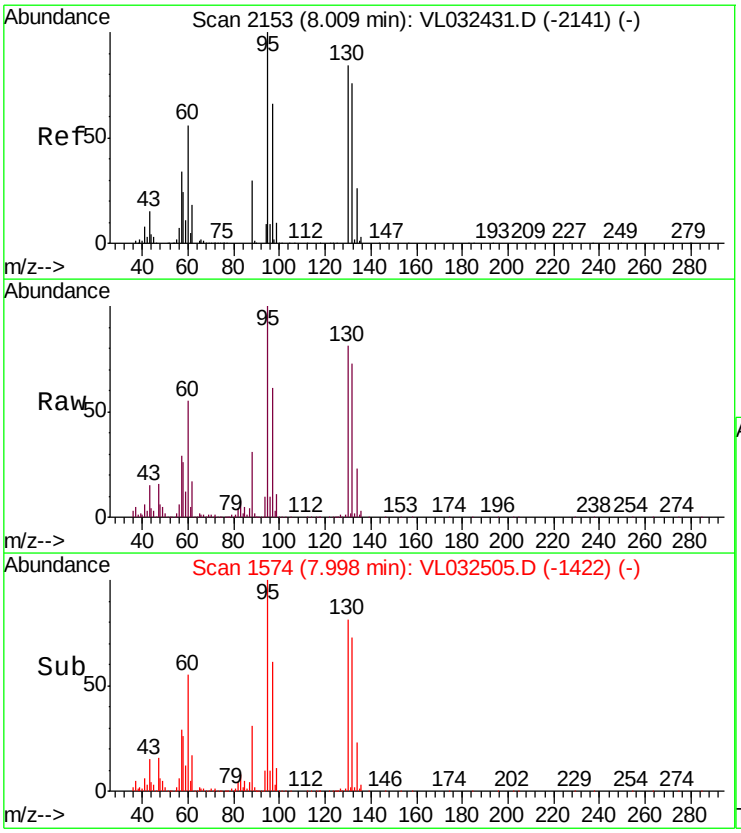
#39
1,2-Dichloropropane
Concen: 10.059 ppbv
RT: 7.78 min Scan# 1507
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 63 Resp: 1209499

Ion	Ratio	Lower	Upper
63	100		
41	66.3	55.4	83.0
62	69.2	55.4	83.0

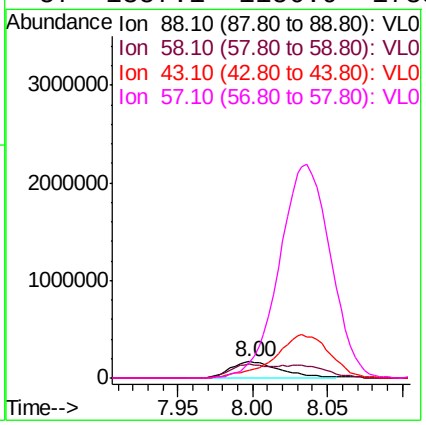


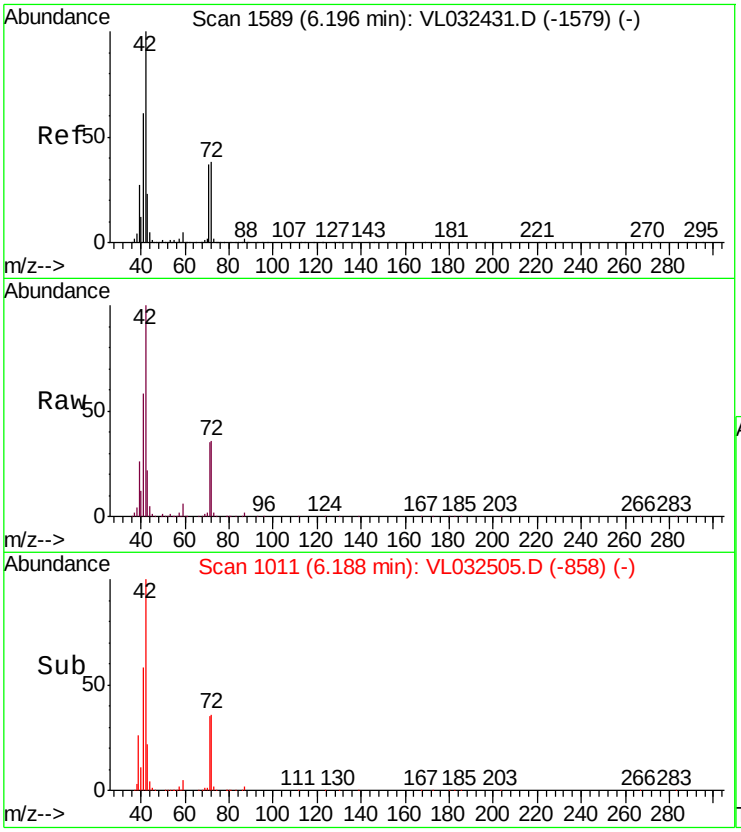


#40
1,4-Dioxane
Concen: 10.659 ppbv
RT: 8.00 min Scan# 1574
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Tgt Ion: 88 Resp: 384484

Ion	Ratio	Lower	Upper
88	100		
58	144.9	119.7	179.5
43	295.5	253.0	379.4
57	1357.1	1156.9	1735.3



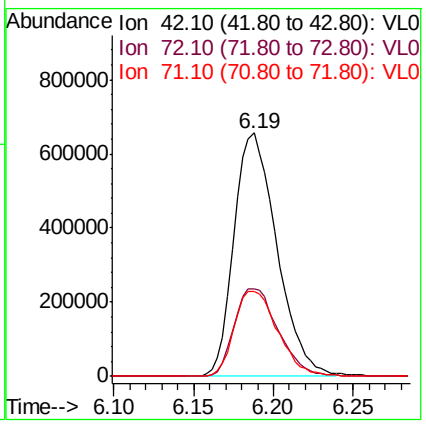


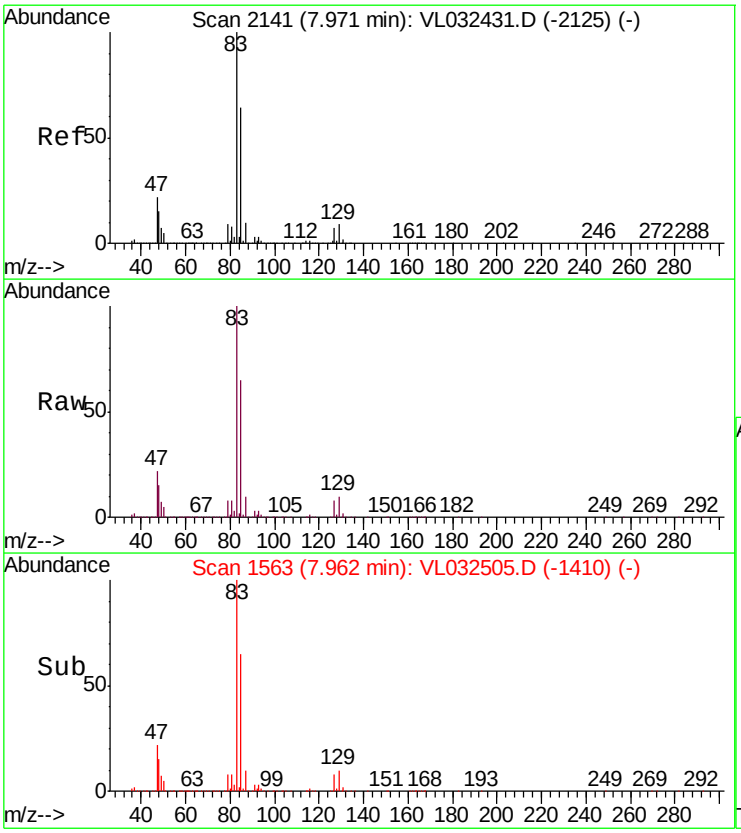
#41
Tetrahydrofuran
Concen: 10.016 ppbv
RT: 6.19 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 42 Resp: 1196013

Ion	Ratio	Lower	Upper
42	100		
72	37.4	29.5	44.3
71	35.7	28.3	42.5

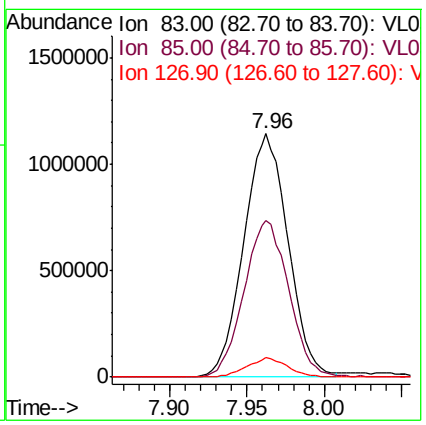


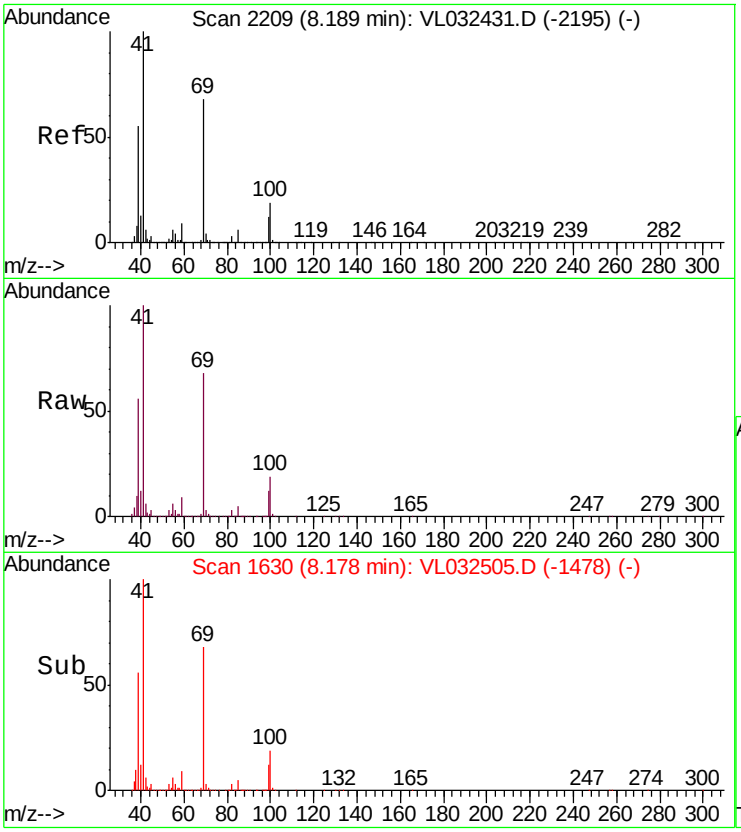


#42
Bromodichloromethane
Concen: 9.562 ppbv
RT: 7.96 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Tgt Ion: 83 Resp: 2271170

Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.1	76.7
127	7.9	5.8	8.8



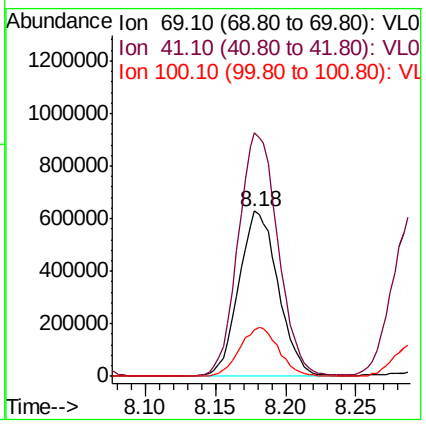


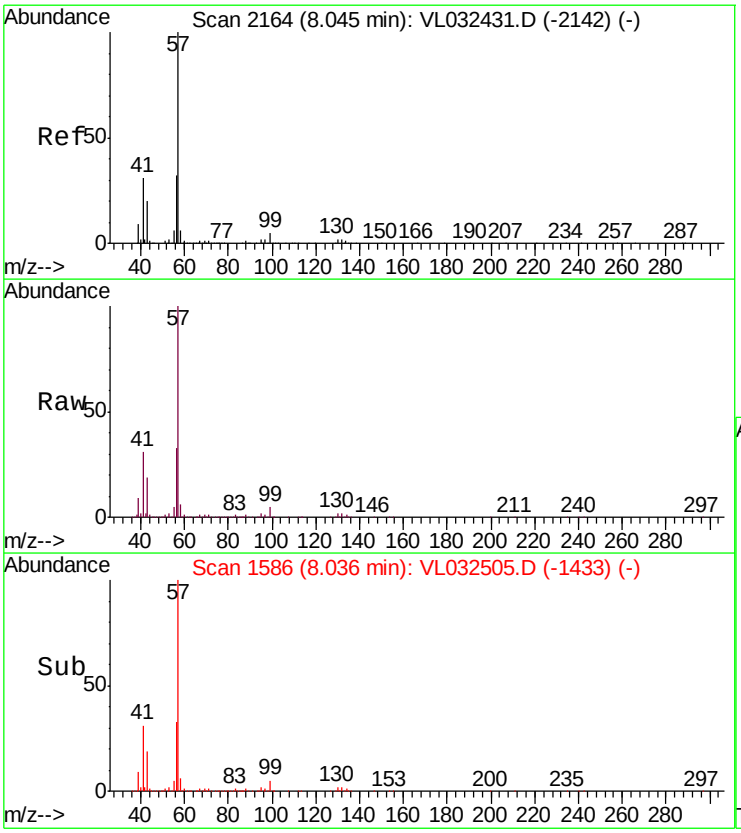
#43
Methyl Methacrylate
Concen: 10.266 ppbv
RT: 8.18 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 69 Resp: 1223881

Ion	Ratio	Lower	Upper
69	100		
41	149.4	117.1	175.7
100	29.5	23.4	35.2

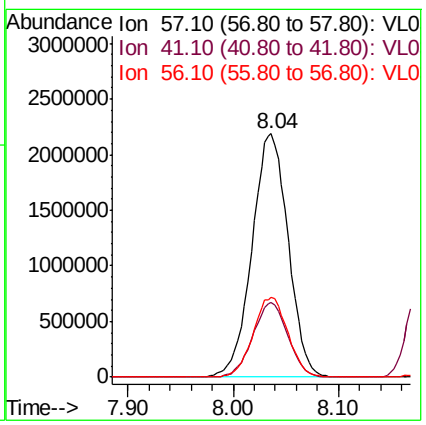


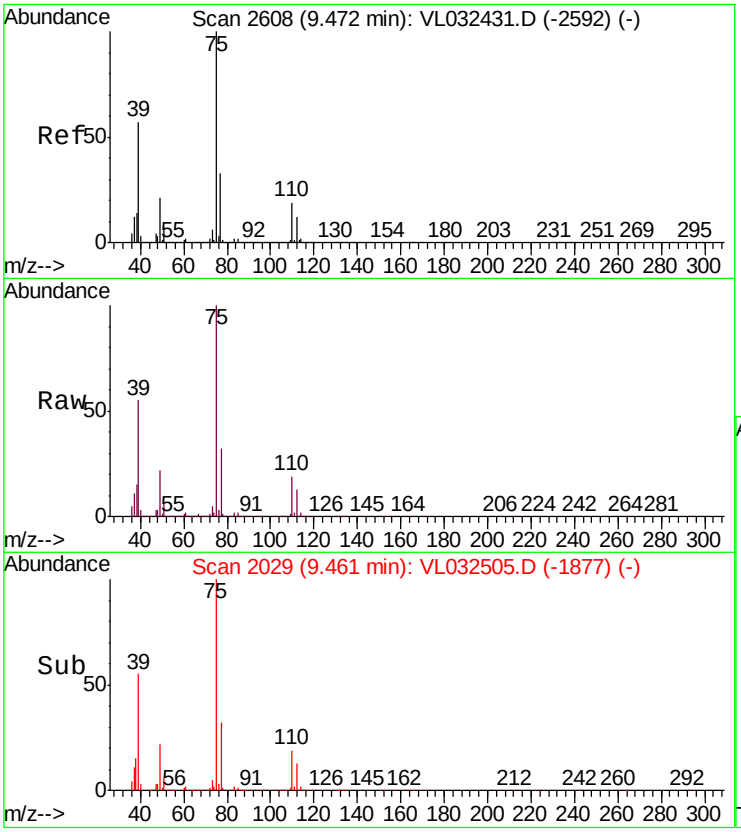


#44
2,2,4-Trimethylpentane
Concen: 9.590 ppbv
RT: 8.04 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Tgt Ion: 57 Resp: 5210162

Ion	Ratio	Lower	Upper
57	100		
41	29.9	24.4	36.6
56	31.6	25.7	38.5



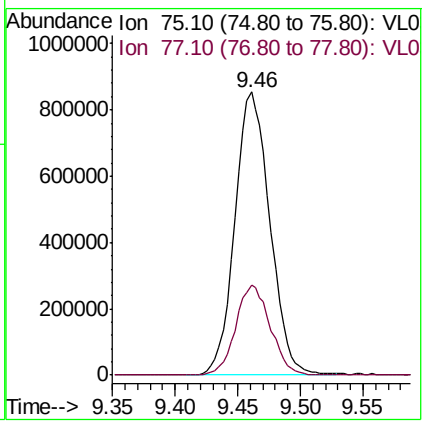


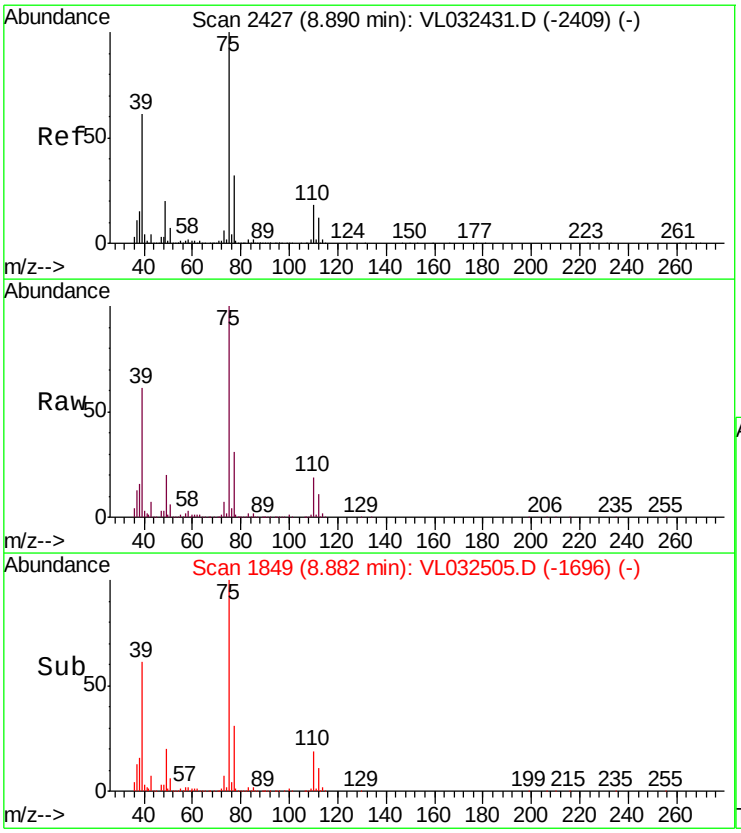
#45
t-1,3-Dichloropropene
Concen: 12.940 ppbv
RT: 9.46 min Scan# 2029
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 1650774

Ion	Ratio	Lower	Upper
75	100		
77	32.0	26.2	39.2

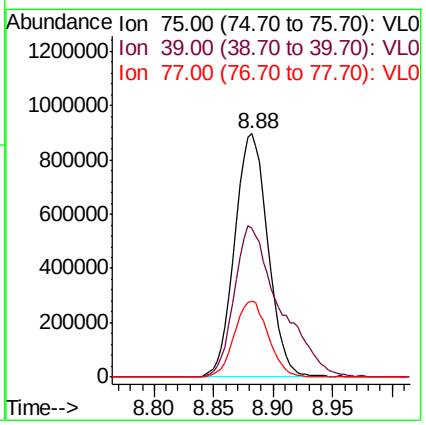


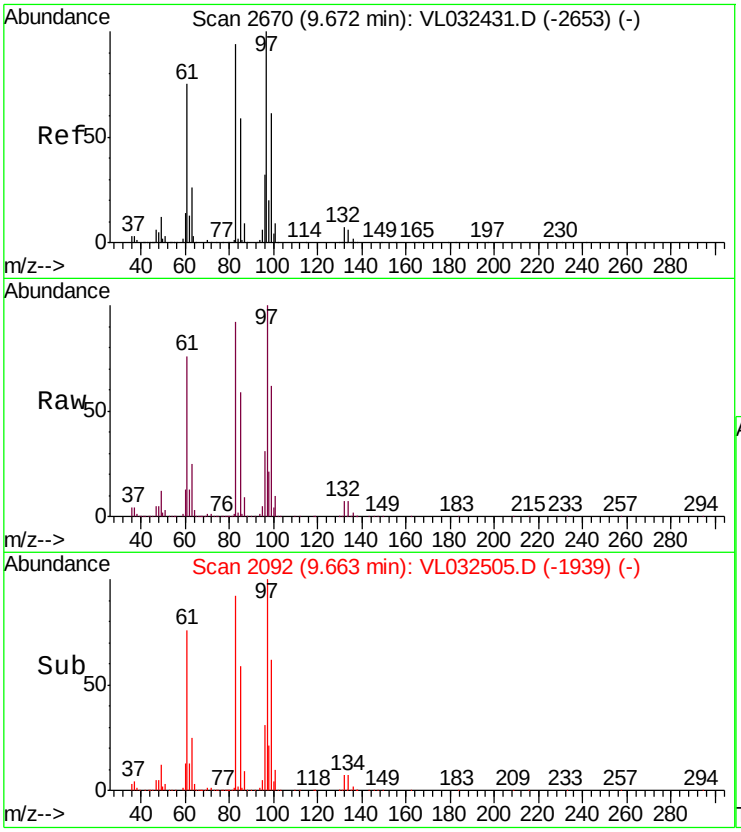


#46
cis-1,3-Dichloropropene
Concen: 10.656 ppbv
RT: 8.88 min Scan# 1849
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Tgt Ion: 75 Resp: 1737053

Ion	Ratio	Lower	Upper
75	100		
39	61.3	48.9	73.3
77	31.3	25.4	38.0



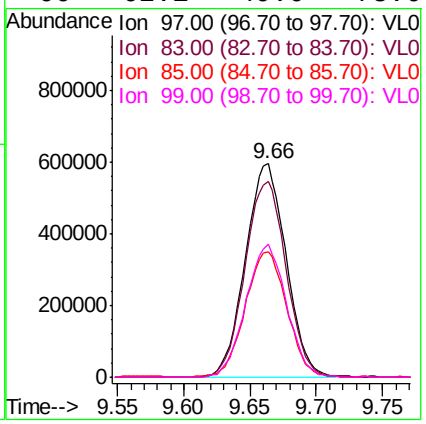


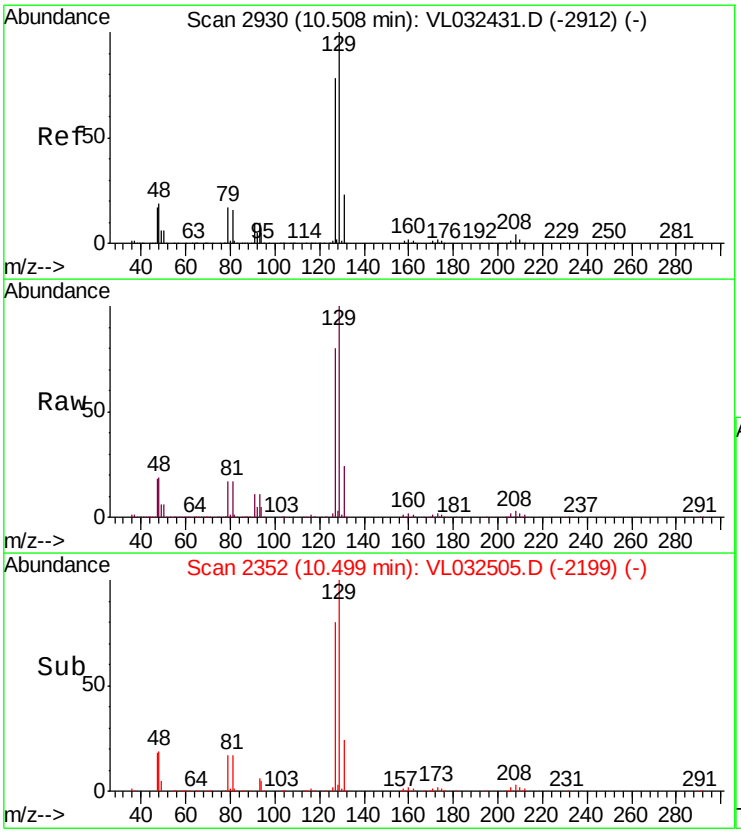
#47
1,1,2-Trichloroethane
Concen: 9.966 ppbv
RT: 9.66 min Scan# 2092
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 97 Resp: 1273969

Ion	Ratio	Lower	Upper
97	100		
83	91.6	75.0	112.4
85	58.5	47.5	71.3
99	62.1	49.0	73.6

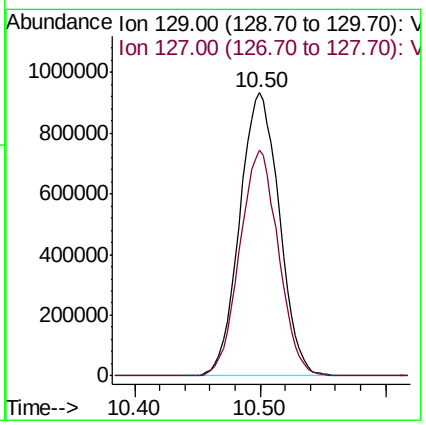


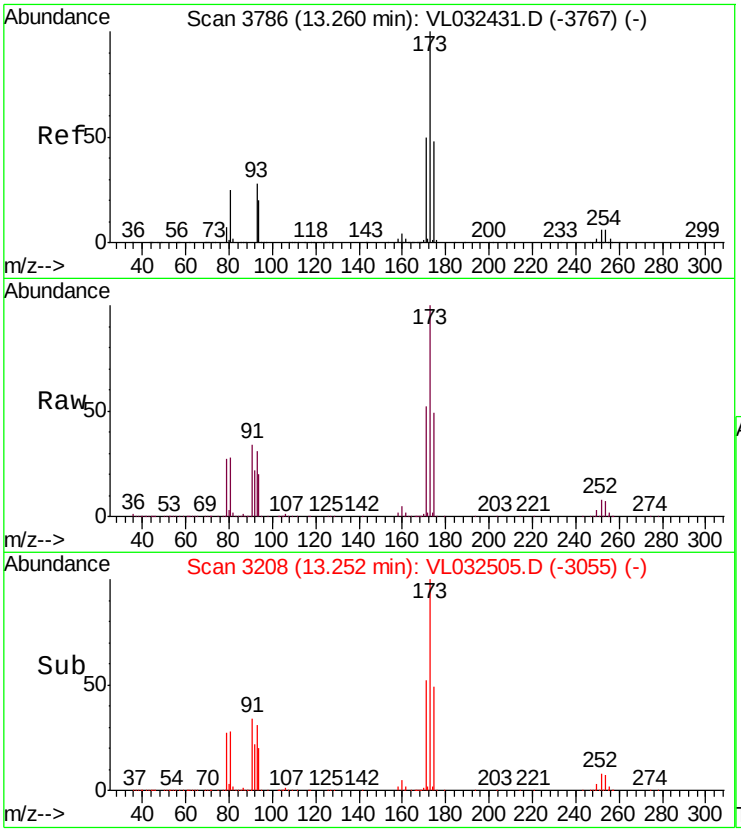


#48
Dibromochloromethane
Concen: 11.564 ppbv
RT: 10.50 min Scan# 2352
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Tgt Ion:129 Resp: 2047261

Ion	Ratio	Lower	Upper
129	100		
127	78.3	39.5	118.3



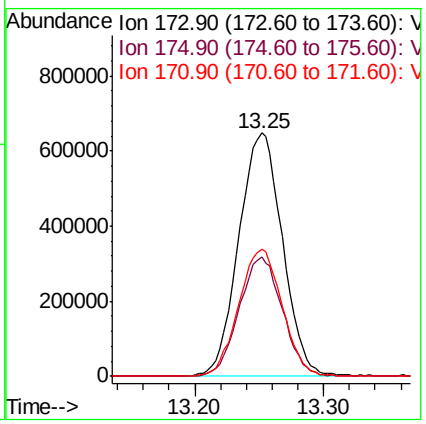


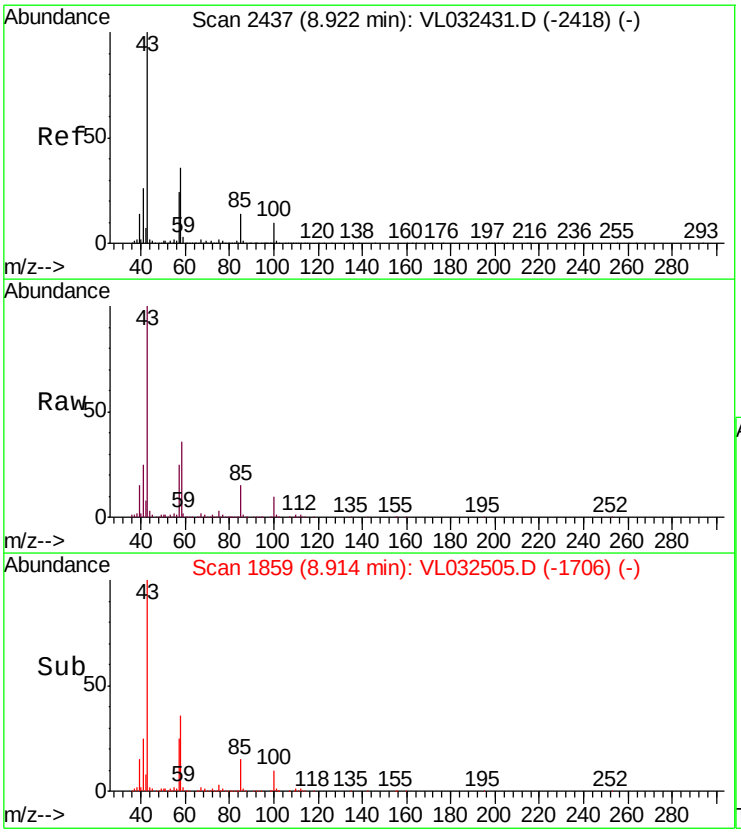
#49
Bromoform
Concen: 9.922 ppbv
RT: 13.25 min Scan# 3208
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:173 Resp: 1526845

Ion	Ratio	Lower	Upper
173	100		
175	49.0	38.9	58.3
171	52.3	41.6	62.4

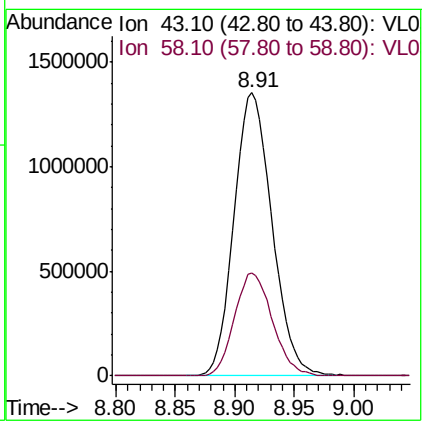


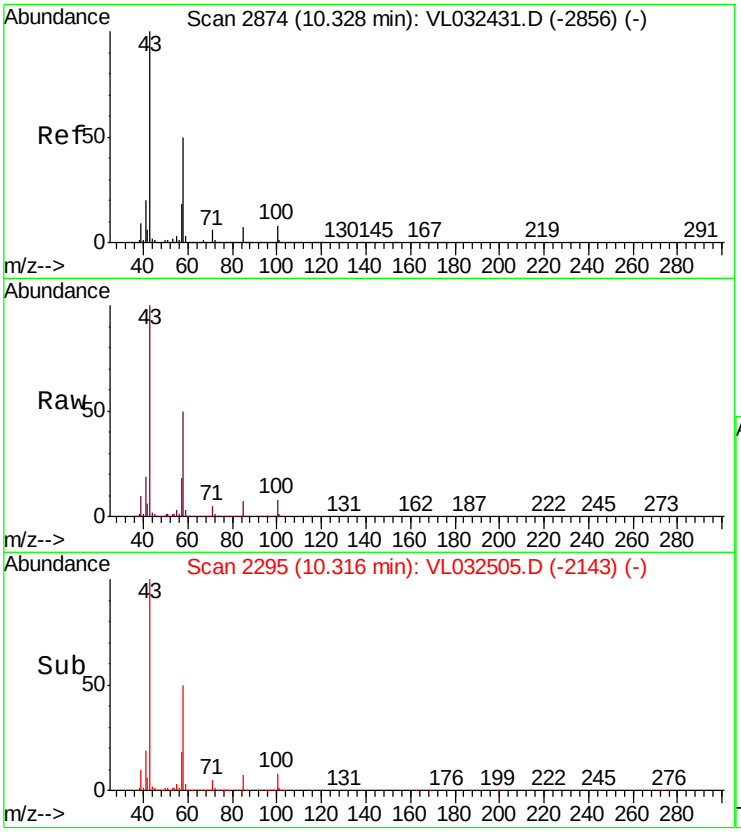


#50
4-Methyl-2-Pentanone
Concen: 9.072 ppbv
RT: 8.91 min Scan# 1859
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Tgt Ion: 43 Resp: 2997438

Ion	Ratio	Lower	Upper
43	100		
58	36.4	29.0	43.4



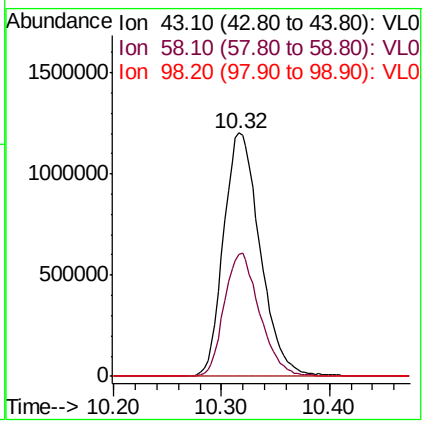


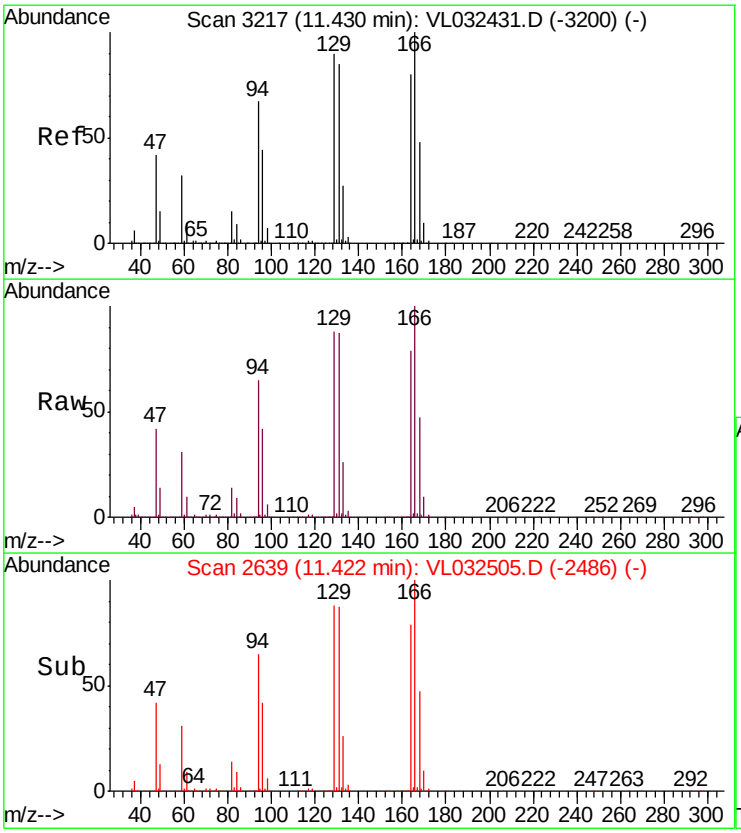
#51
2-Hexanone
Concen: 13.303 ppbv
RT: 10.32 min Scan# 2295
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 43 Resp: 2831354

Ion	Ratio	Lower	Upper
43	100		
58	49.2	39.2	58.8
98	0.4	0.4	0.6

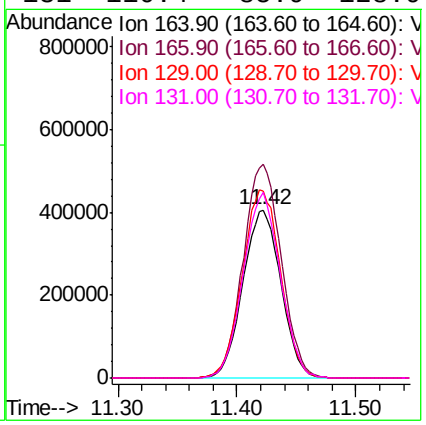


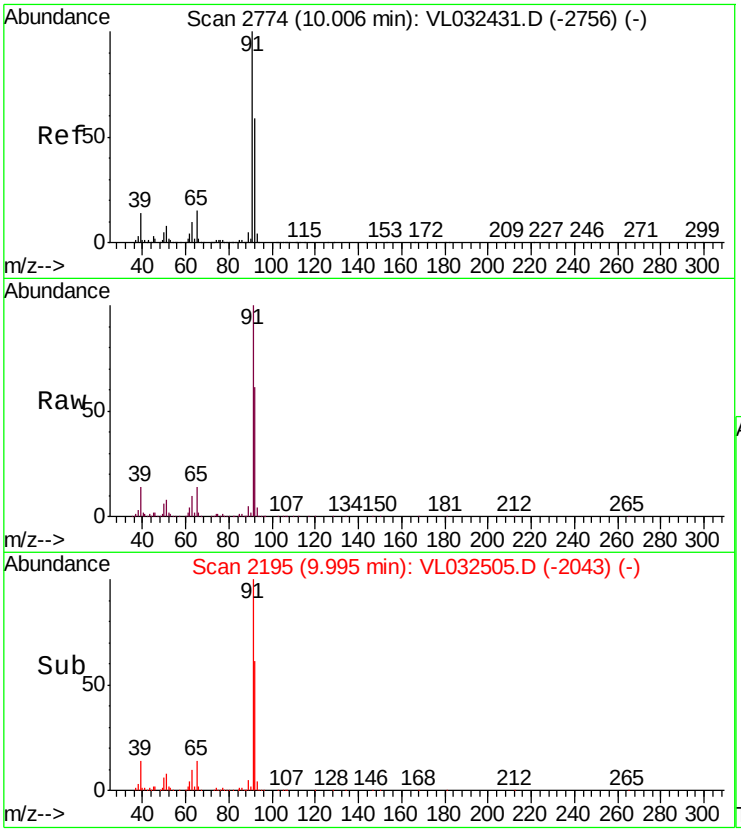


#52
Tetrachloroethene
Concen: 10.301 ppbv
RT: 11.42 min Scan# 2639
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Tgt Ion:164 Resp: 897602

Ion	Ratio	Lower	Upper
164	100		
166	127.1	100.6	150.8
129	111.5	89.9	134.9
131	110.4	85.9	128.9



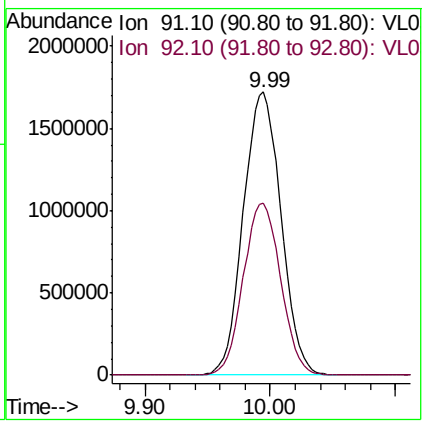


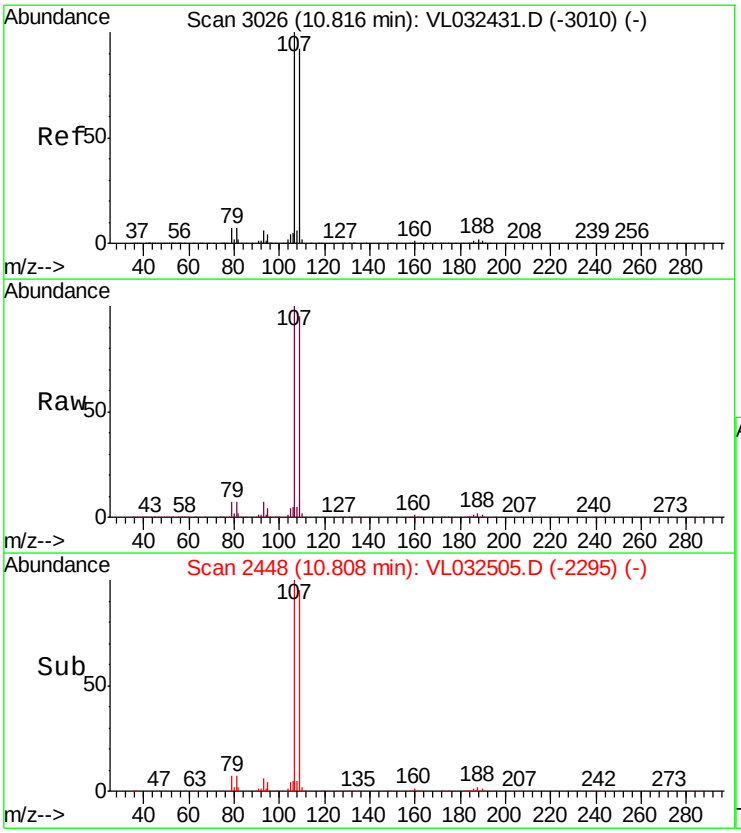
#53
Toluene
Concen: 12.255 ppbv
RT: 9.99 min Scan# 2195
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 91 Resp: 3599838

Ion	Ratio	Lower	Upper
91	100		
92	60.4	48.1	72.1

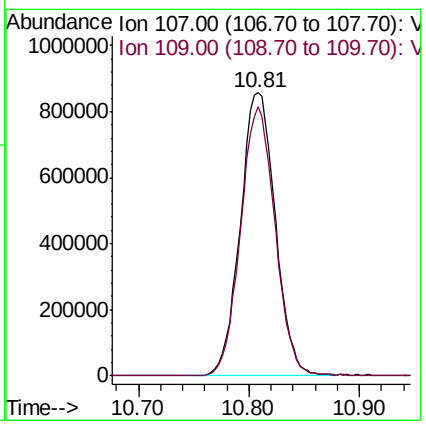


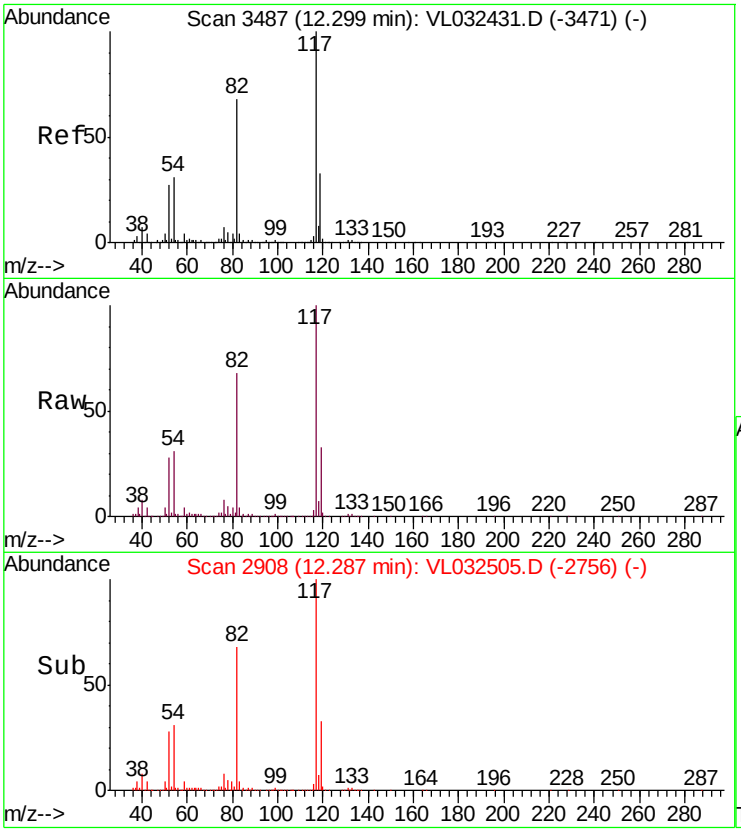


#54
1,2-Dibromoethane
Concen: 10.978 ppbv
RT: 10.81 min Scan# 2448
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Tgt Ion:107 Resp: 1884262

Ion	Ratio	Lower	Upper
107	100		
109	94.9	73.9	110.9



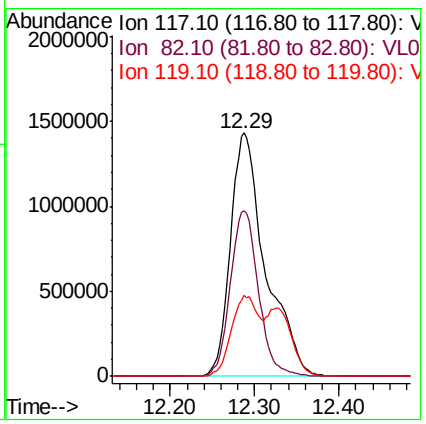


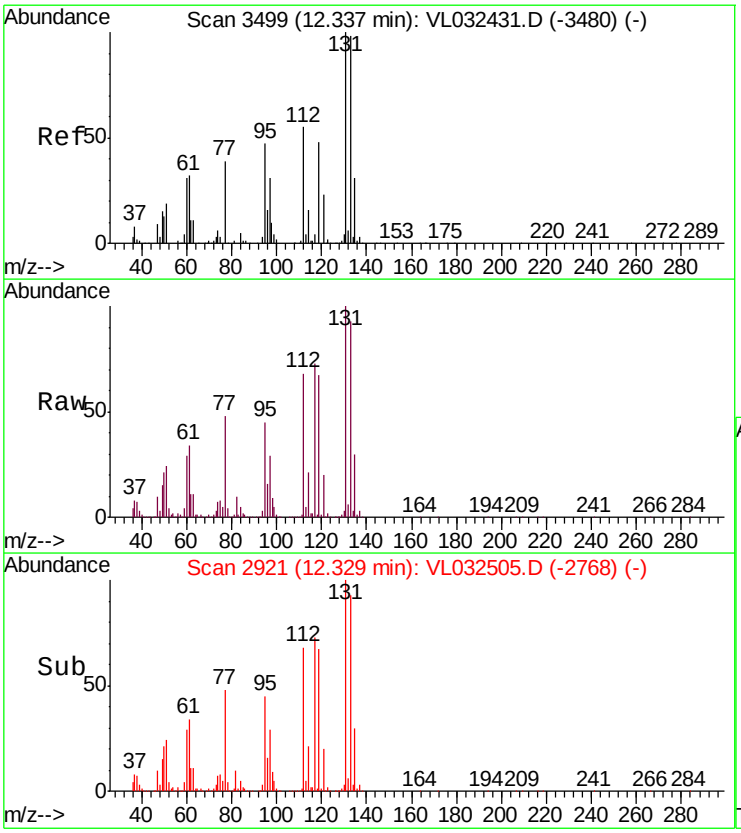
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.29 min Scan# 2908
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 4144259

Ion	Ratio	Lower	Upper
117	100		
82	55.0	53.0	79.6
119	25.9	45.9	68.9#

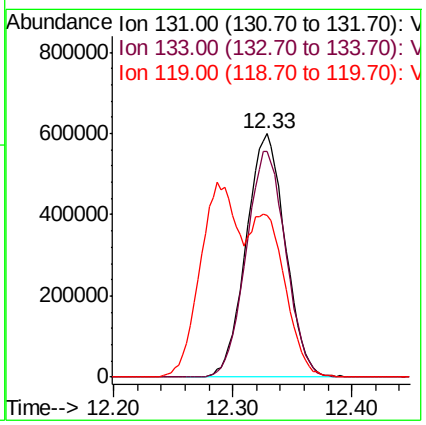


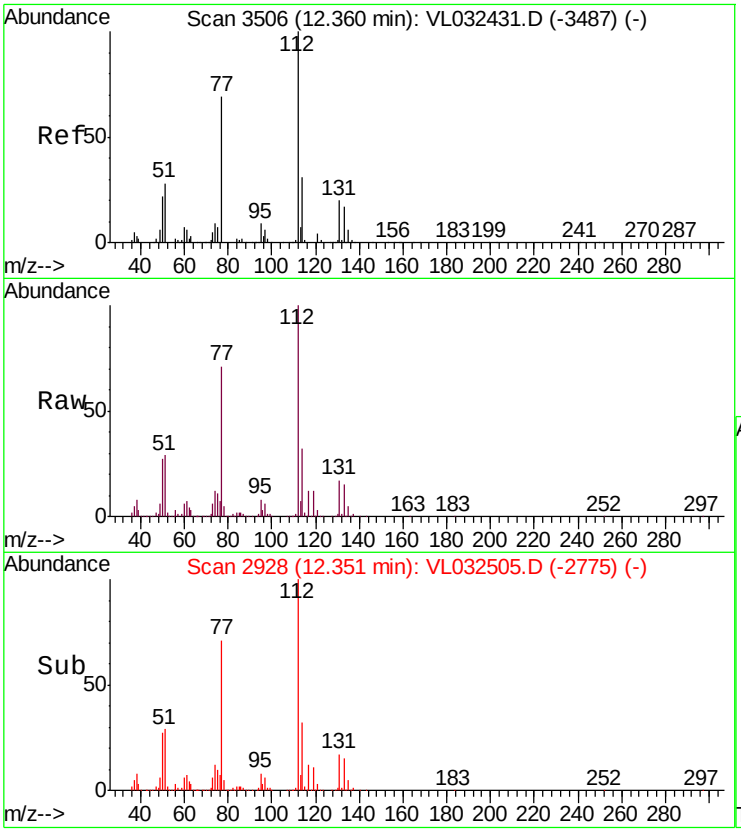


#56
1,1,1,2-Tetrachloroethane
Concen: 7.303 ppbv
RT: 12.33 min Scan# 2921
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Tgt Ion:131 Resp: 1364385

Ion	Ratio	Lower	Upper
131	100		
133	94.2	77.0	115.4
119	61.9	114.2	171.2#



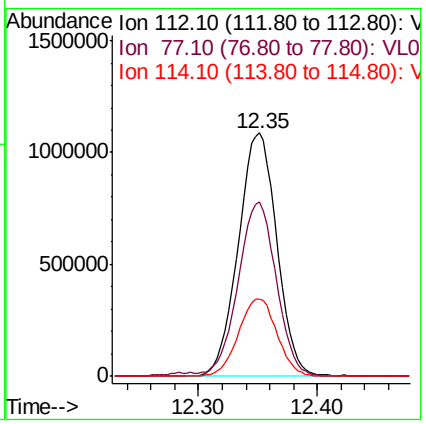


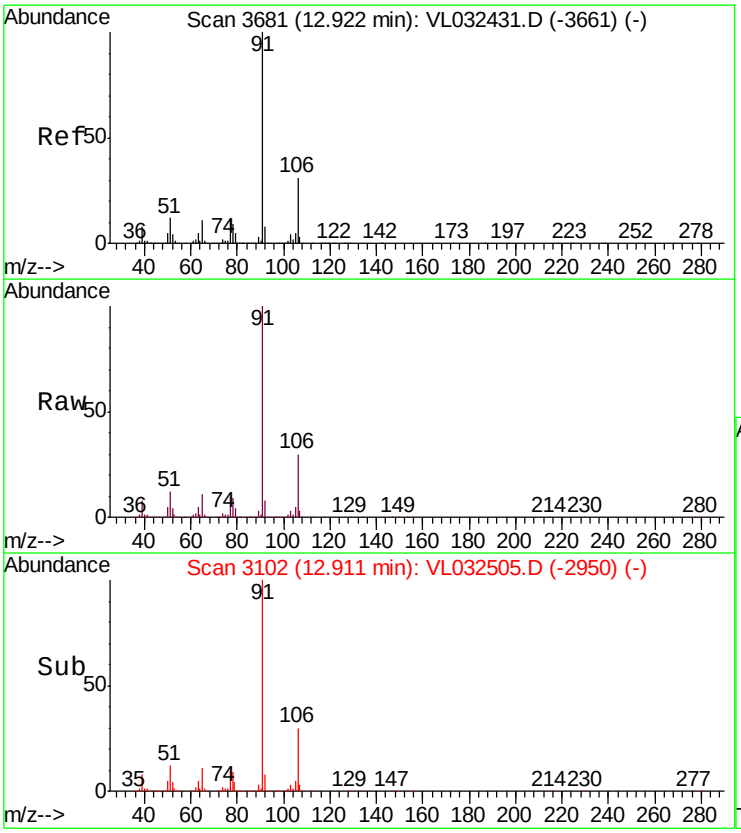
#57
Chlorobenzene
Concen: 7.355 ppbv
RT: 12.35 min Scan# 2928
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:112 Resp: 2436138

Ion	Ratio	Lower	Upper
112	100		
77	71.3	56.1	84.1
114	31.9	27.8	34.0

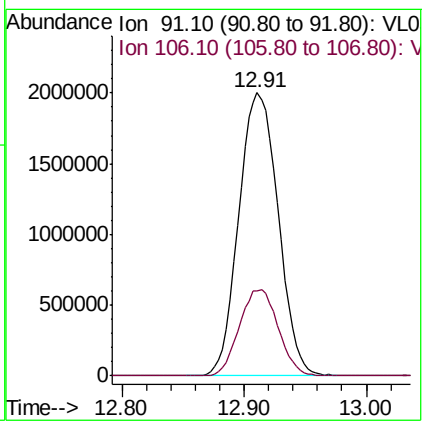


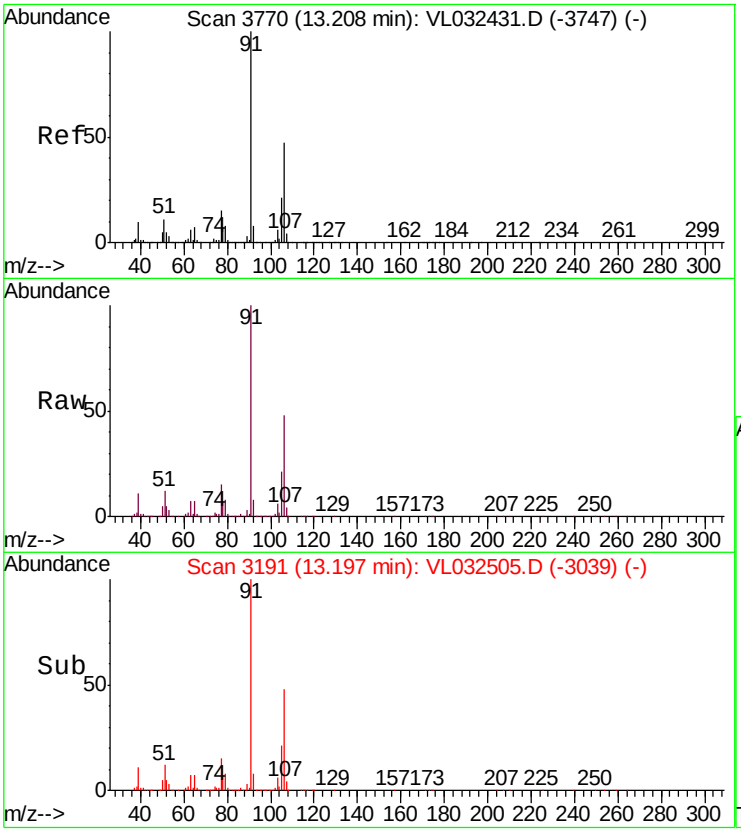


#58
Ethyl Benzene
Concen: 8.984 ppbv
RT: 12.91 min Scan# 3102
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Tgt Ion: 91 Resp: 4455680

Ion	Ratio	Lower	Upper
91	100		
106	29.9	24.8	37.2



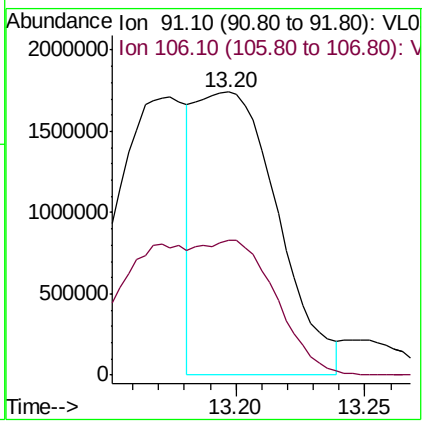


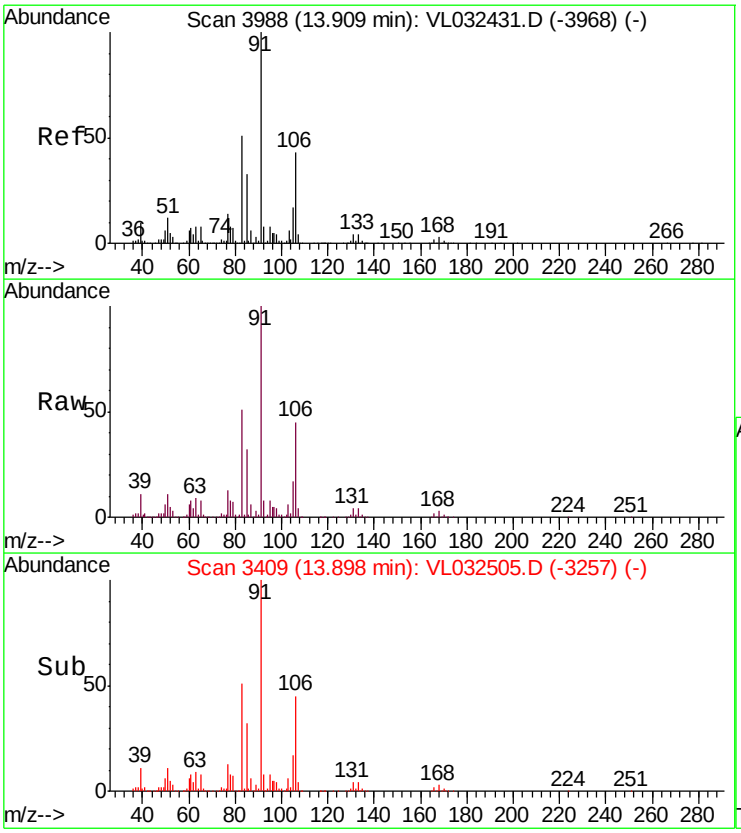
#59
m/p-Xylene
Concen: 8.673 ppbv
RT: 13.20 min Scan# 3191
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 91 Resp: 3834744

Ion	Ratio	Lower	Upper
91	100		
106	86.1	36.6	55.0#

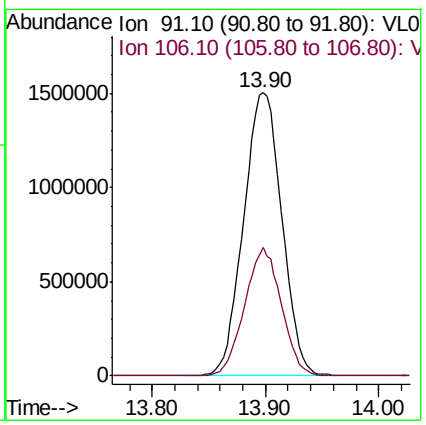


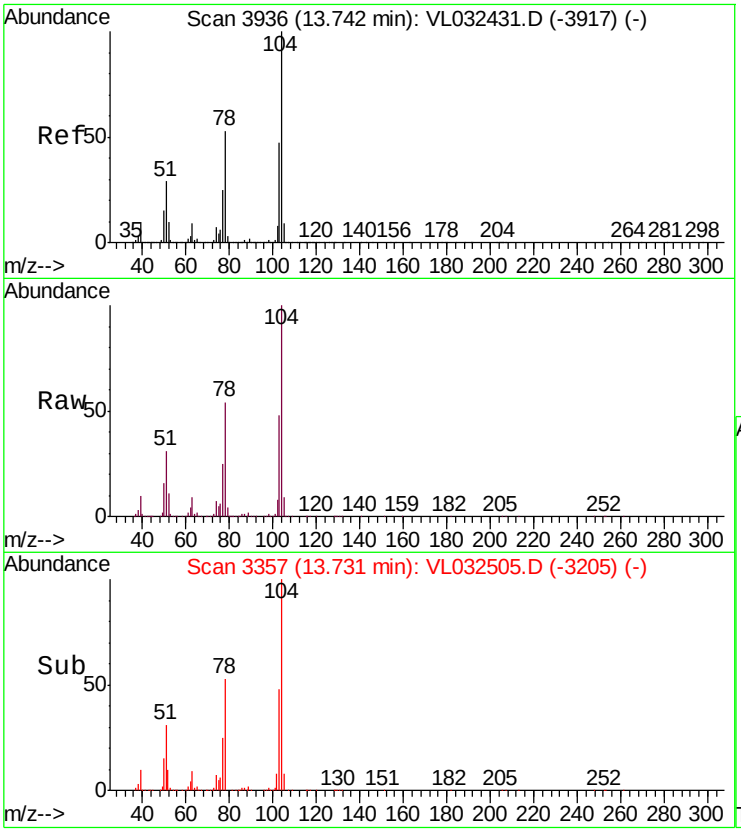


#60
o-Xylene
Concen: 8.147 ppbv
RT: 13.90 min Scan# 3409
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Tgt Ion: 91 Resp: 3538271

Ion	Ratio	Lower	Upper
91	100		
106	43.5	21.9	65.7



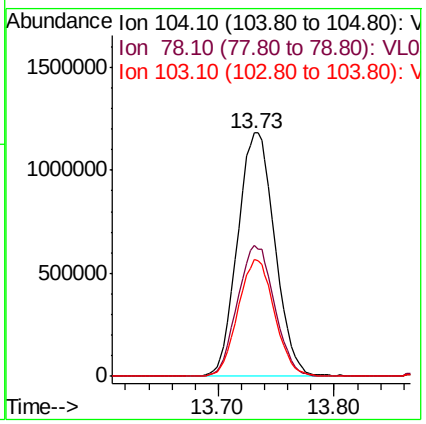


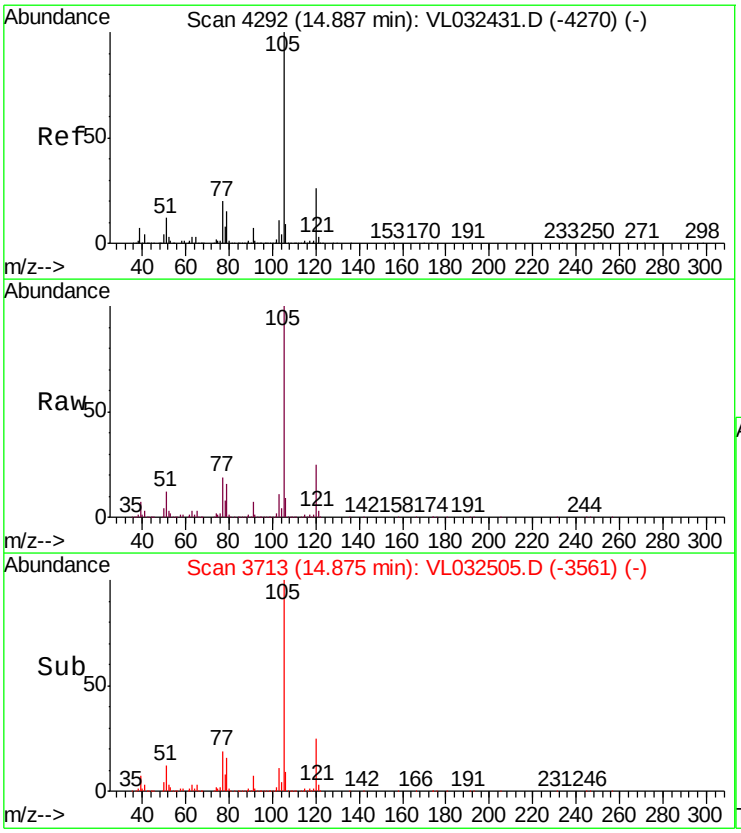
#61
Styrene
Concen: 9.361 ppbv
RT: 13.73 min Scan# 3357
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:104 Resp: 2631980

Ion	Ratio	Lower	Upper
104	100		
78	53.4	41.8	62.8
103	46.9	38.0	57.0

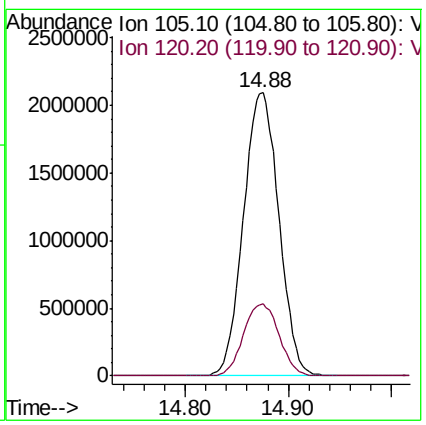


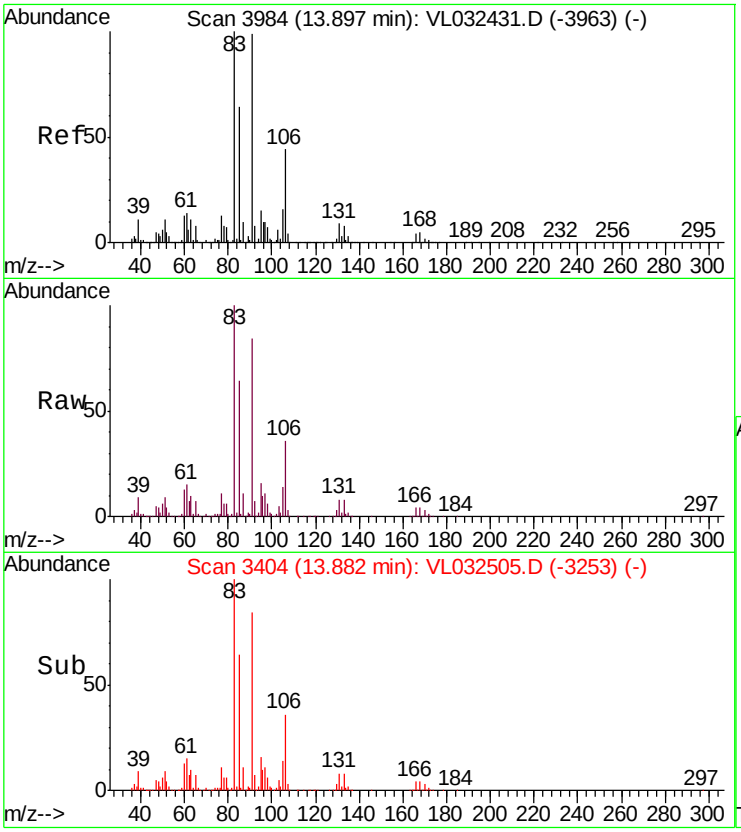


#62
Isopropylbenzene
Concen: 8.165 ppbv
RT: 14.88 min Scan# 3713
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Tgt Ion:105 Resp: 4984919

Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.6	31.0



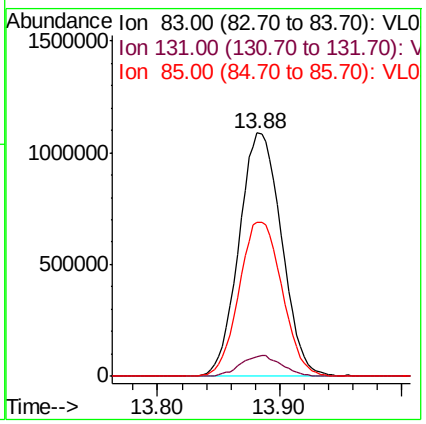


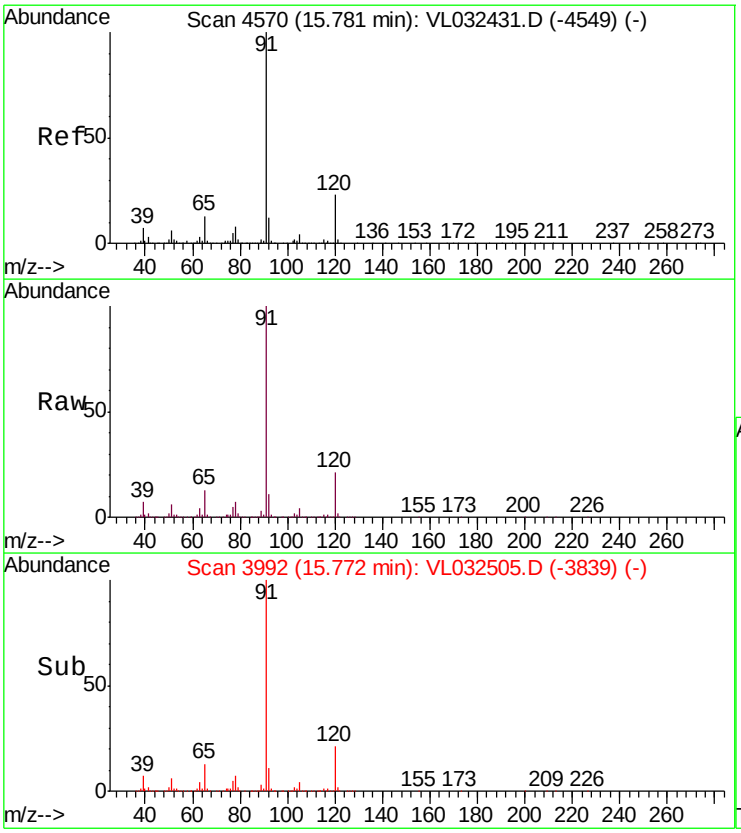
#63
1,1,2,2-Tetrachloroethane
Concen: 6.756 ppbv
RT: 13.88 min Scan# 3404
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 83 Resp: 2623481

Ion	Ratio	Lower	Upper
83	100		
131	8.4	4.3	12.8
85	64.4	32.3	96.8

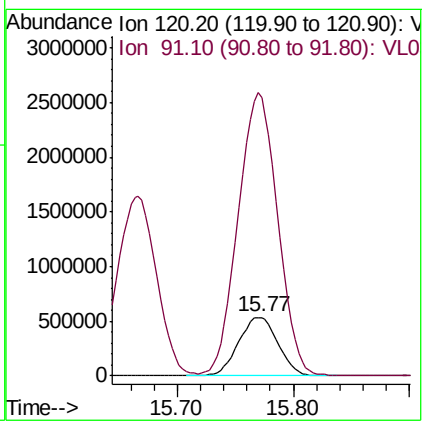


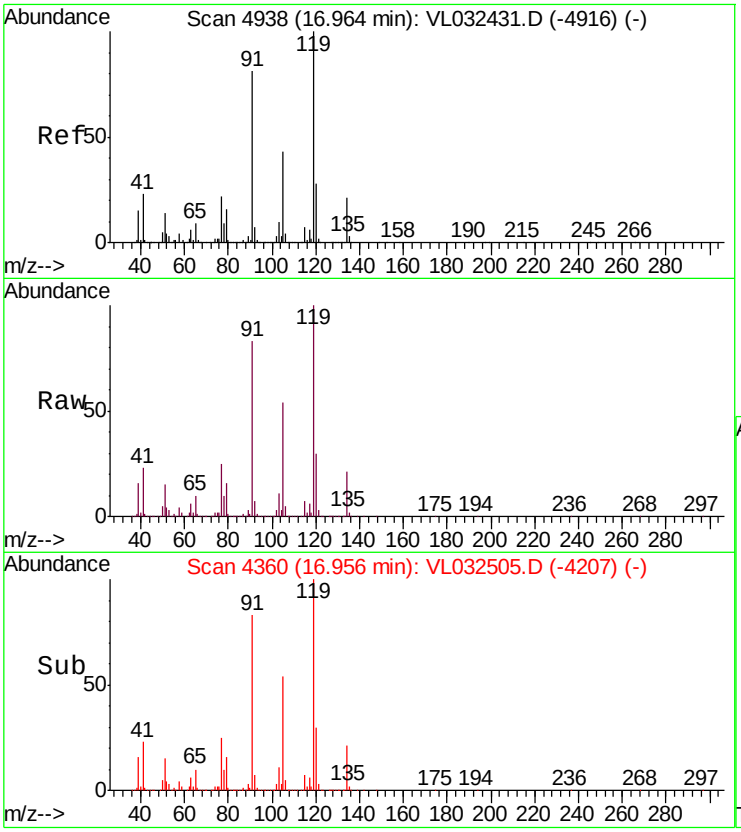


#64
n-propylbenzene
Concen: 7.965 ppbv
RT: 15.77 min Scan# 3992
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Tgt Ion:120 Resp: 1271394

Ion	Ratio	Lower	Upper
120	100		
91	484.5	381.8	572.6



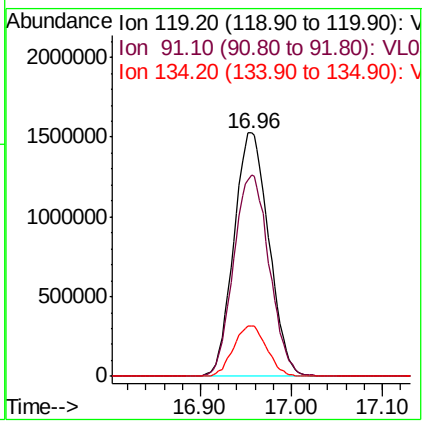


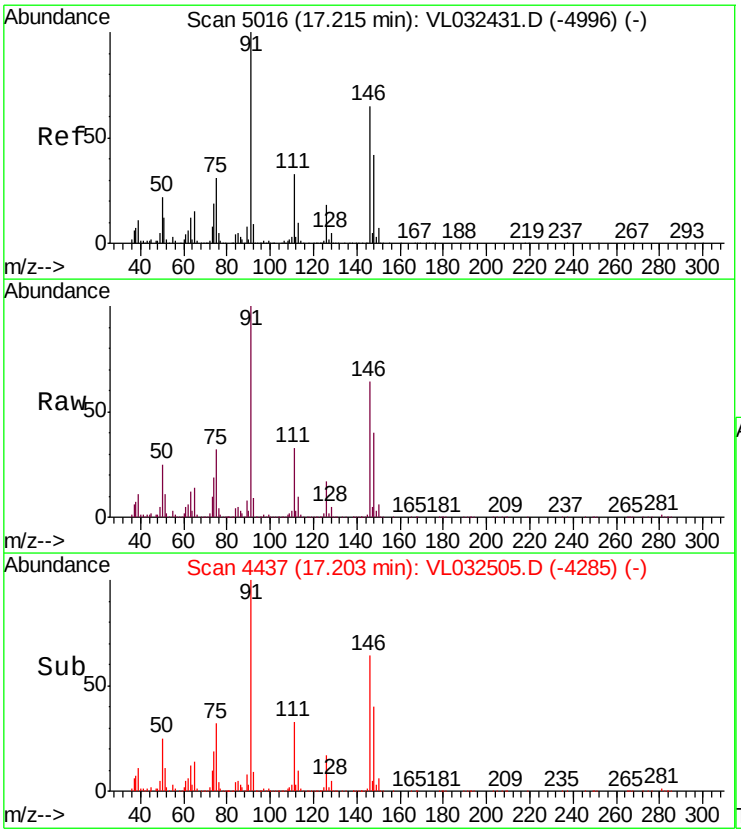
#65
tert-Butylbenzene
Concen: 7.744 ppbv
RT: 16.96 min Scan# 4360
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:119 Resp: 4074144

Ion	Ratio	Lower	Upper
119	100		
91	84.5	66.5	99.7
134	19.7	16.0	24.0

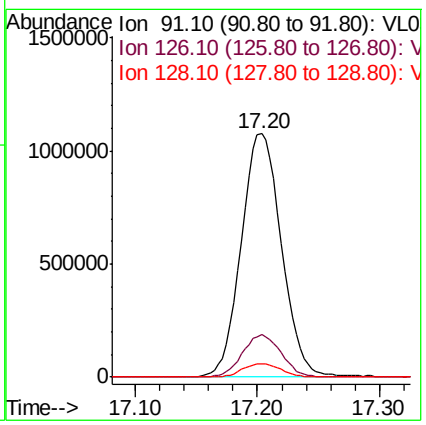


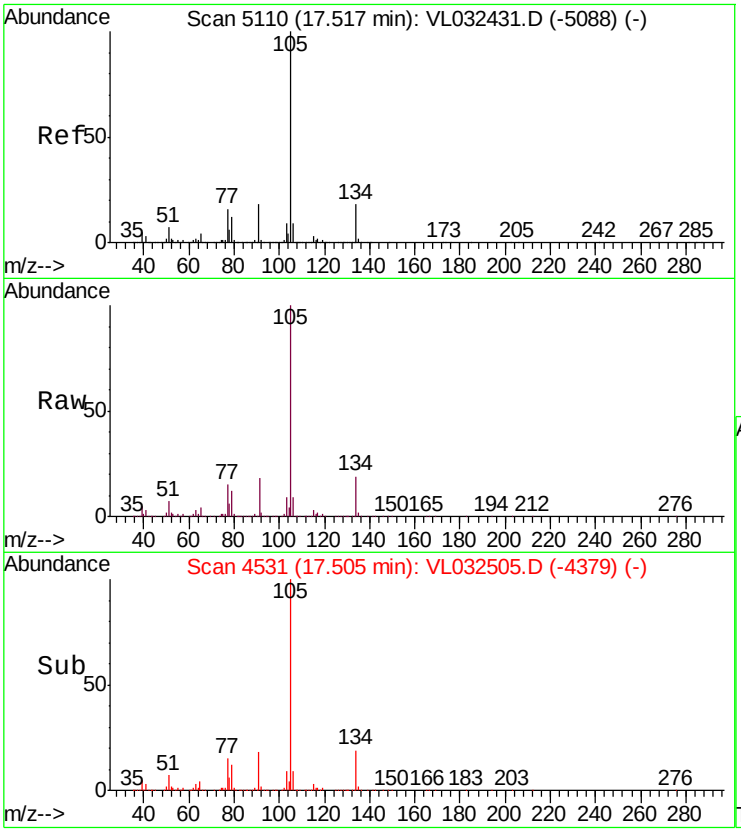


#66
Benzyl Chloride
Concen: 8.340 ppbv
RT: 17.20 min Scan# 4437
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Tgt Ion: 91 Resp: 2444456

Ion	Ratio	Lower	Upper
91	100		
126	17.1	13.8	20.8
128	5.5	4.4	6.6



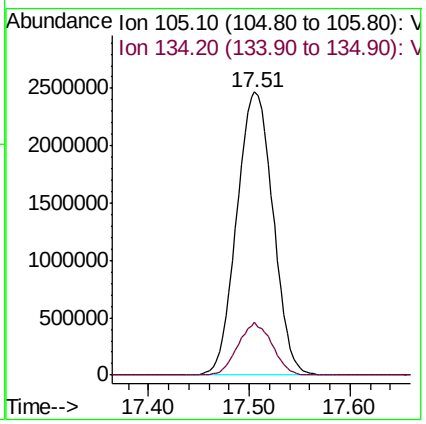


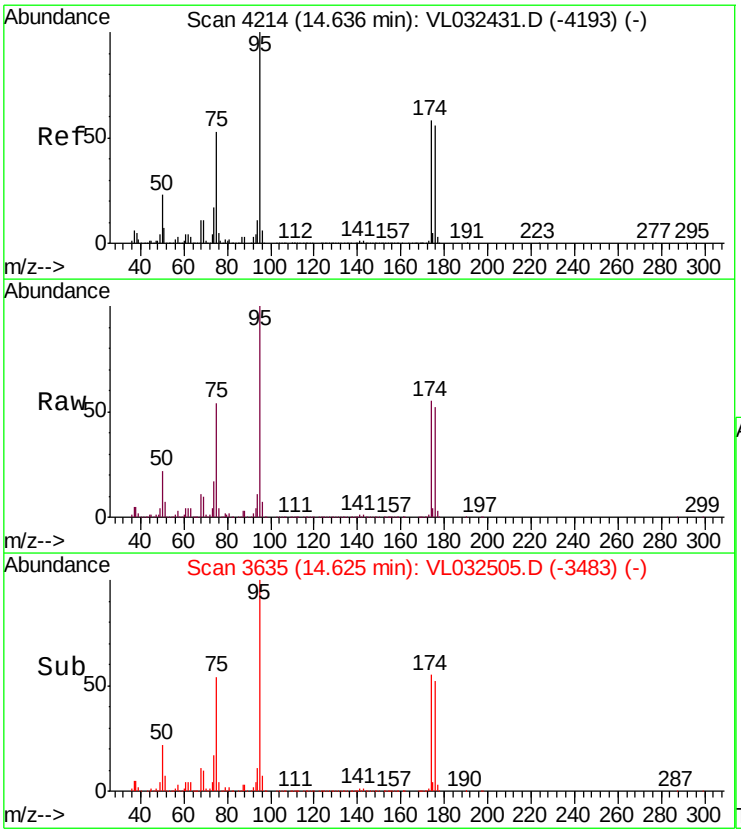
#67
sec-Butylbenzene
Concen: 7.769 ppbv
RT: 17.51 min Scan# 4531
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:105 Resp: 6147172

Ion	Ratio	Lower	Upper
105	100		
134	17.5	14.4	21.6

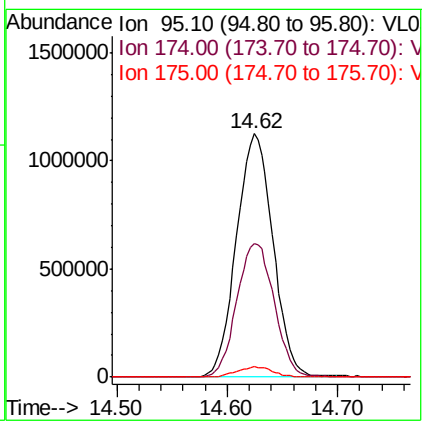


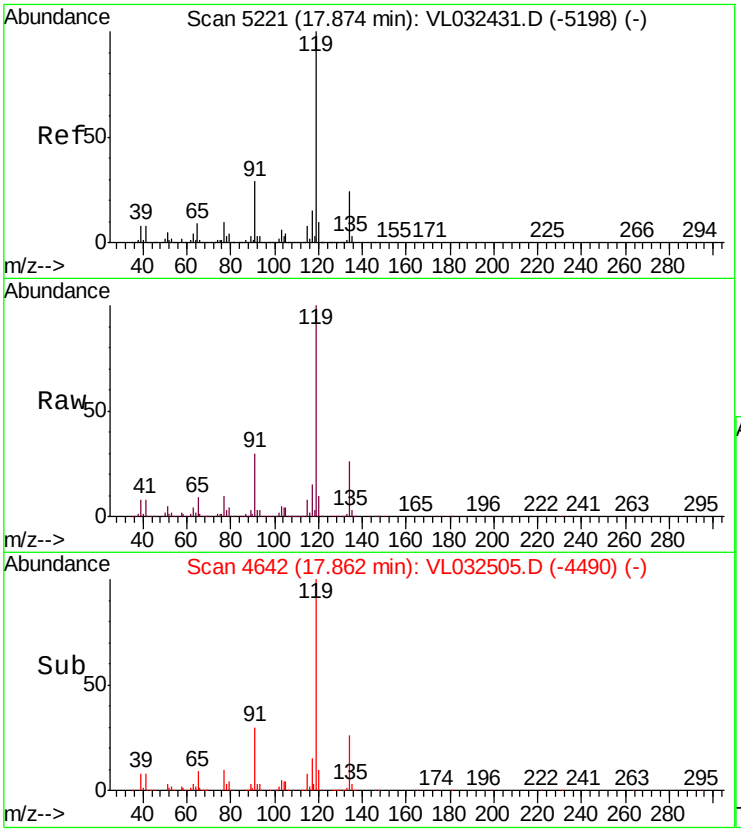


#68
1-Bromo-4-Fluorobenzene
Concen: 8.395 ppbv
RT: 14.62 min Scan# 3635
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Tgt Ion: 95 Resp: 2582984

Ion	Ratio	Lower	Upper
95	100		
174	56.6	46.3	69.5
175	4.1	3.4	5.0



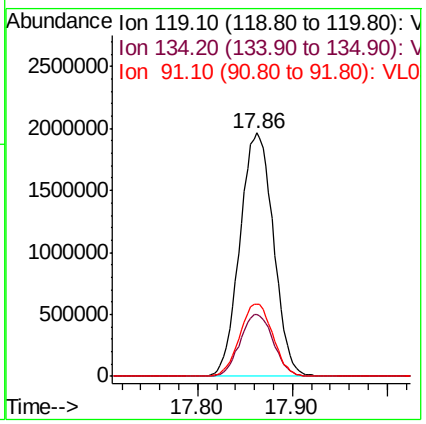


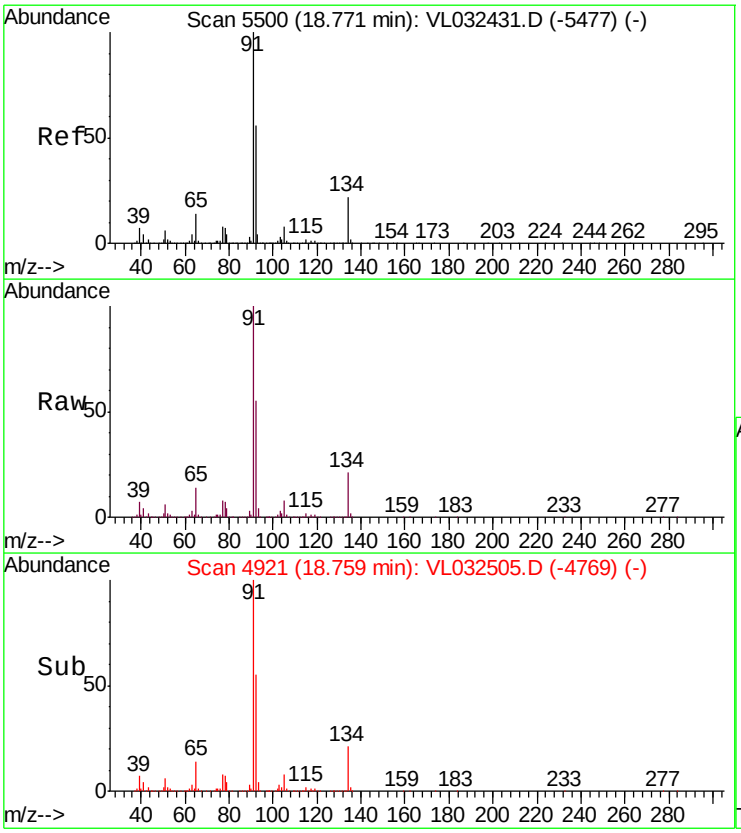
#69
p-Isopropyltoluene
Concen: 7.873 ppbv
RT: 17.86 min Scan# 4642
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:119 Resp: 4827999

Ion	Ratio	Lower	Upper
119	100		
134	25.3	20.4	30.6
91	29.4	23.4	35.2

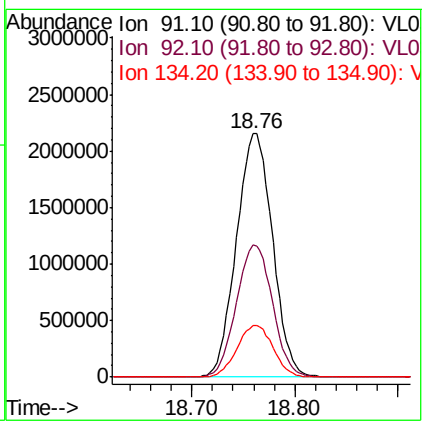


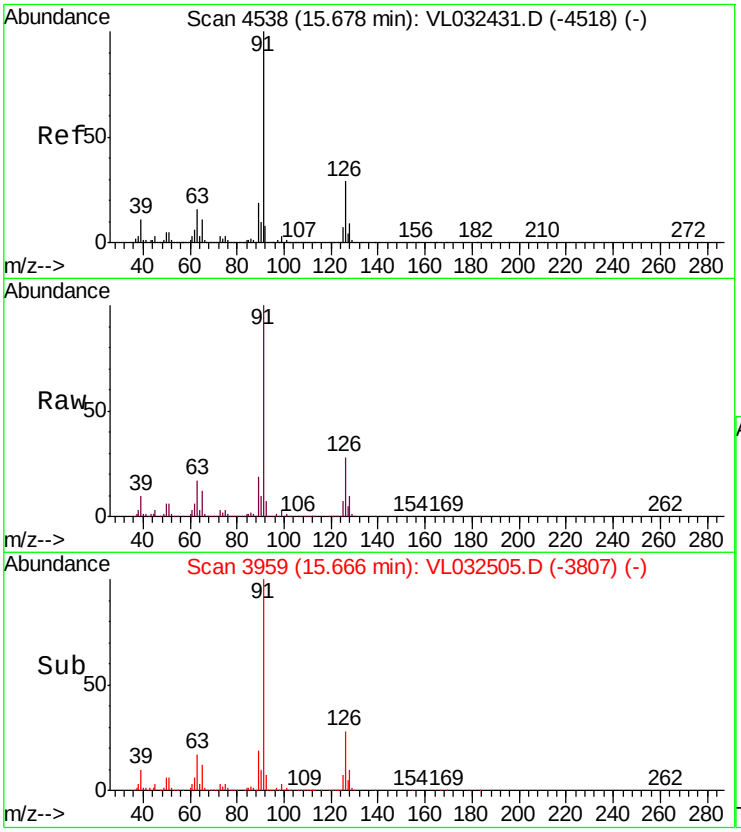


#70
n-Butylbenzene
Concen: 7.553 ppbv
RT: 18.76 min Scan# 4921
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Tgt Ion: 91 Resp: 5250053

Ion	Ratio	Lower	Upper
91	100		
92	54.1	43.8	65.8
134	21.2	17.4	26.0



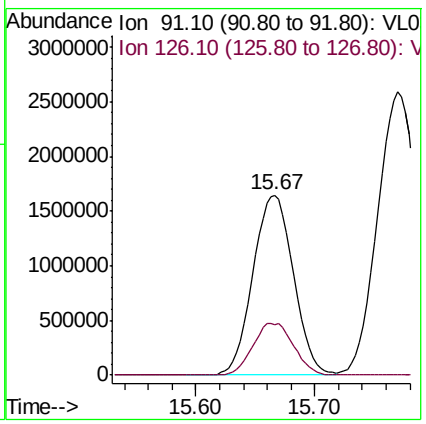


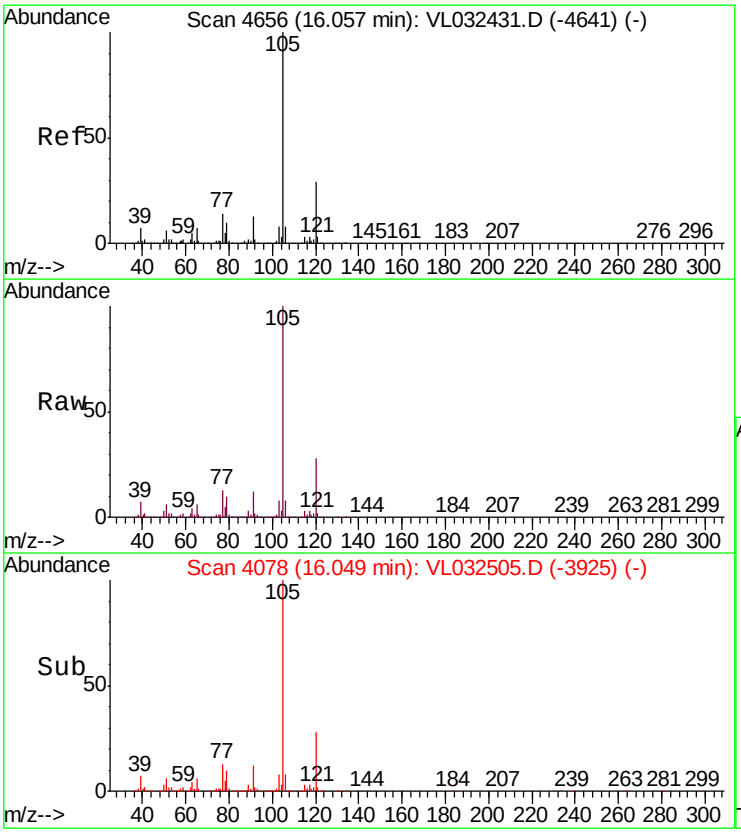
#71
2-Chlorotoluene
Concen: 8.312 ppbv
RT: 15.67 min Scan# 3959
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 91 Resp: 3877279

Ion	Ratio	Lower	Upper
91	100		
126	29.1	11.9	47.7

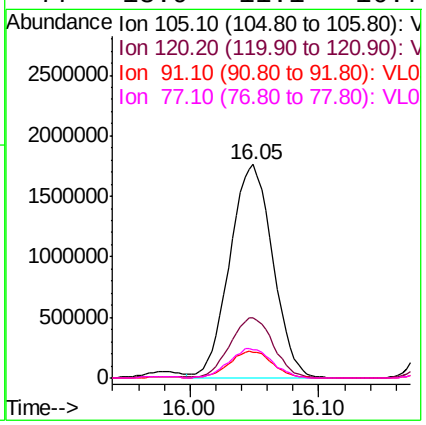


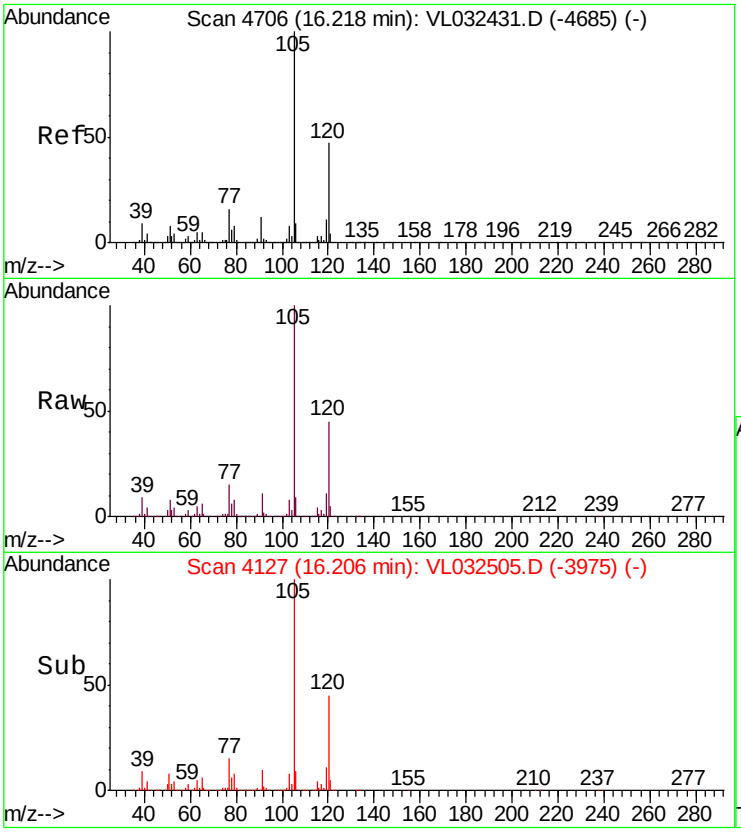


#72
4-Ethyltoluene
Concen: 8.596 ppbv
RT: 16.05 min Scan# 4078
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Tgt Ion:105 Resp: 4076002

Ion	Ratio	Lower	Upper
105	100		
120	28.5	23.5	35.3
91	12.5	10.2	15.2
77	13.9	11.1	16.7



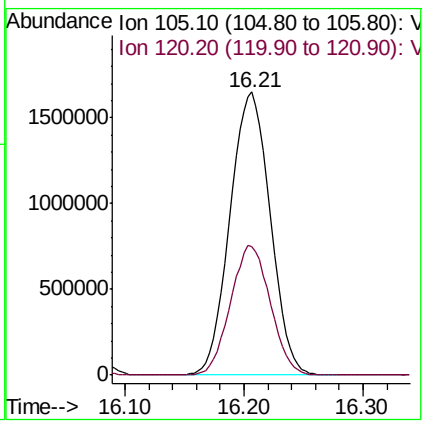


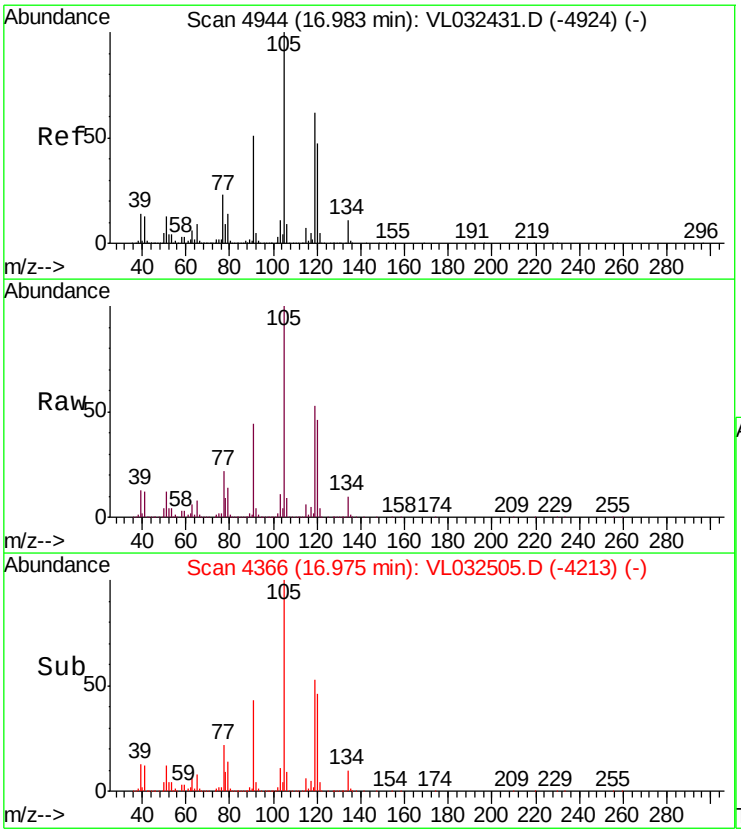
#73
1,3,5-Trimethylbenzene
Concen: 8.104 ppbv
RT: 16.21 min Scan# 4127
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:105 Resp: 3849955

Ion	Ratio	Lower	Upper
105	100		
120	45.2	37.9	56.9

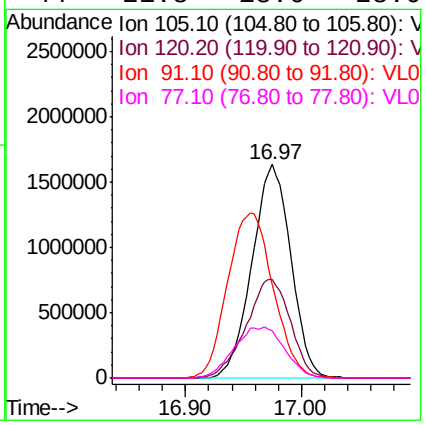


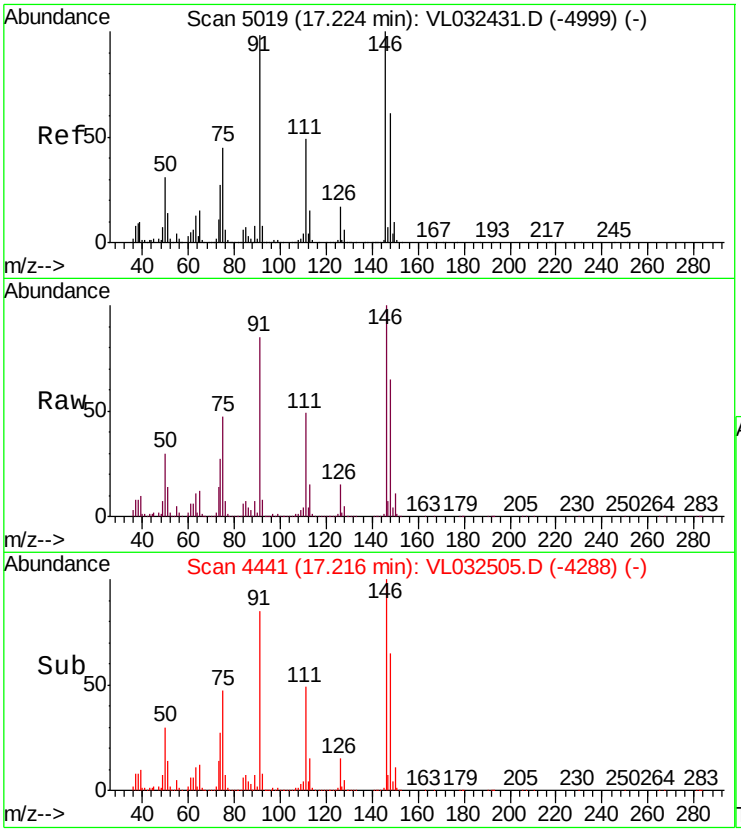


#74
1,2,4-Trimethylbenzene
Concen: 7.325 ppbv
RT: 16.97 min Scan# 4366
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Tgt Ion:105 Resp: 3804617

Ion	Ratio	Lower	Upper
105	100		
120	46.3	37.8	56.8
91	43.3	41.4	62.0
77	21.8	18.6	28.0



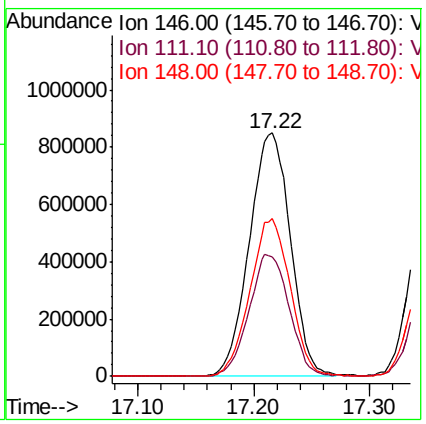


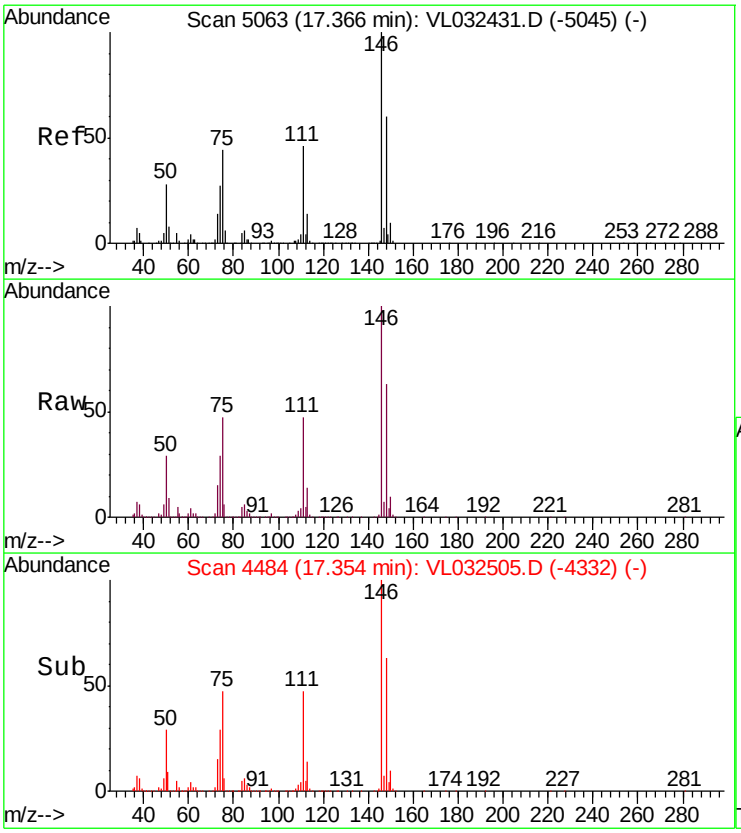
#75
1,3-Dichlorobenzene
Concen: 6.782 ppbv
RT: 17.22 min Scan# 4441
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:146 Resp: 2089842

Ion	Ratio	Lower	Upper
146	100		
111	49.4	24.5	73.5
148	63.5	32.0	96.2

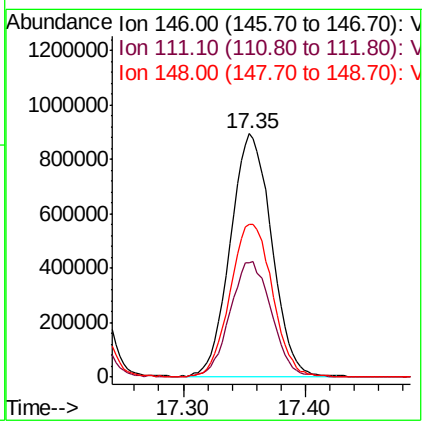


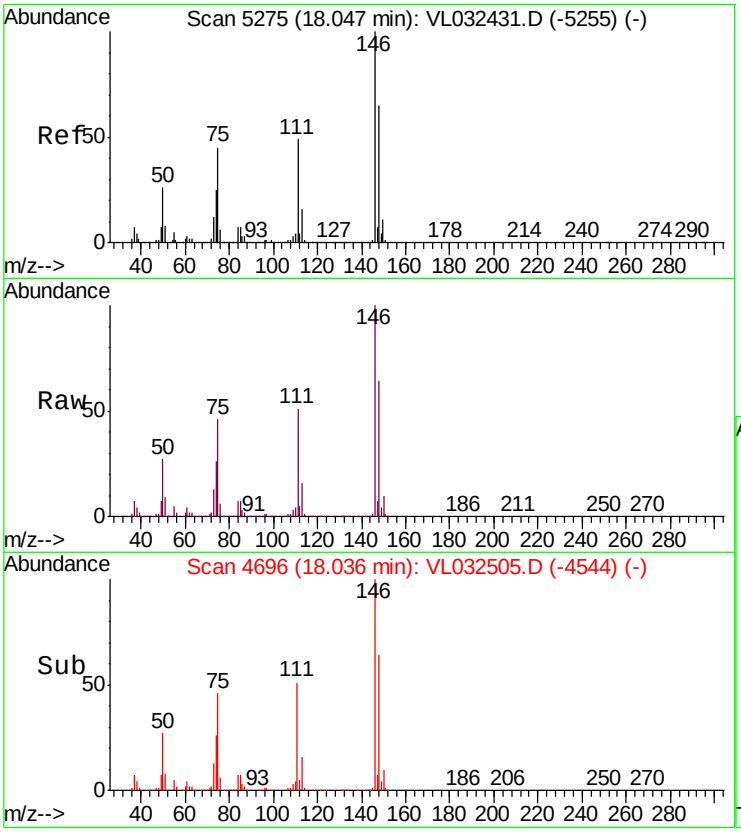


#76
1,4-Dichlorobenzene
Concen: 7.262 ppbv
RT: 17.35 min Scan# 4484
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Tgt Ion:146 Resp: 2076489

Ion	Ratio	Lower	Upper
146	100		
111	48.3	23.4	70.2
148	65.0	32.0	96.2



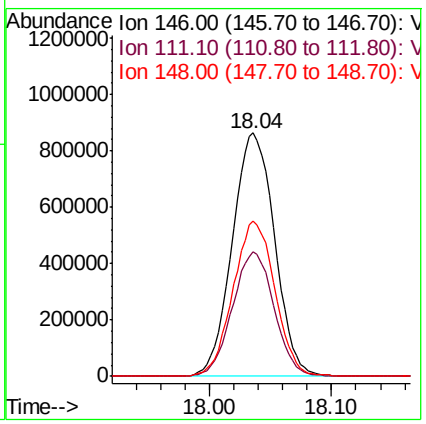


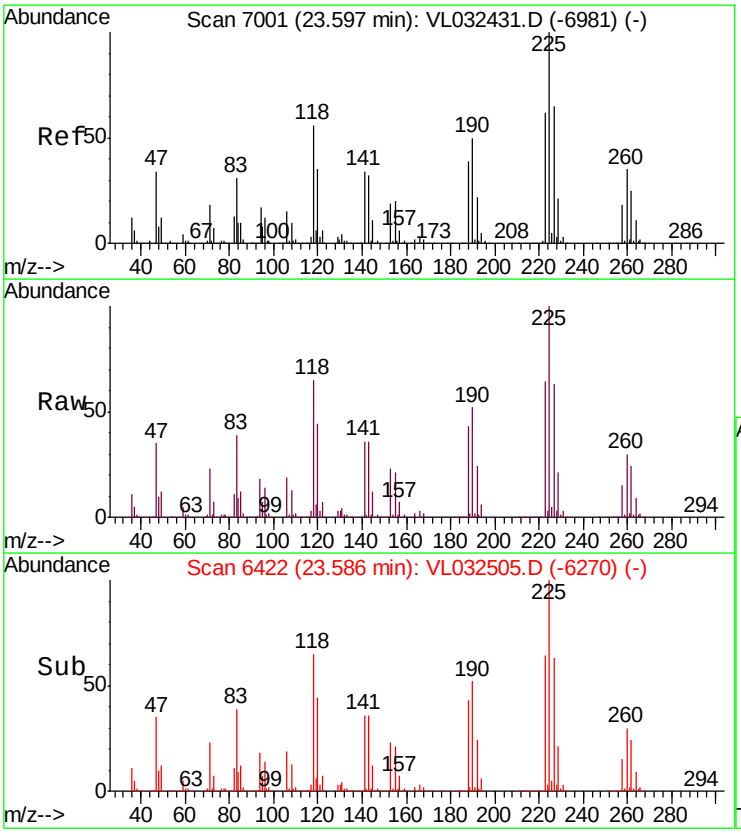
#77
1,2-Dichlorobenzene
Concen: 6.922 ppbv
RT: 18.04 min Scan# 4696
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:146 Resp: 2058028

Ion	Ratio	Lower	Upper
146	100		
111	50.8	24.9	74.8
148	63.6	32.0	96.0

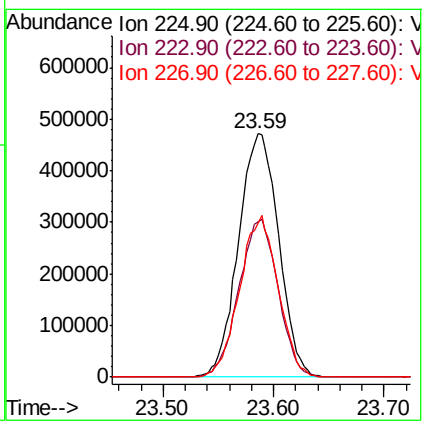


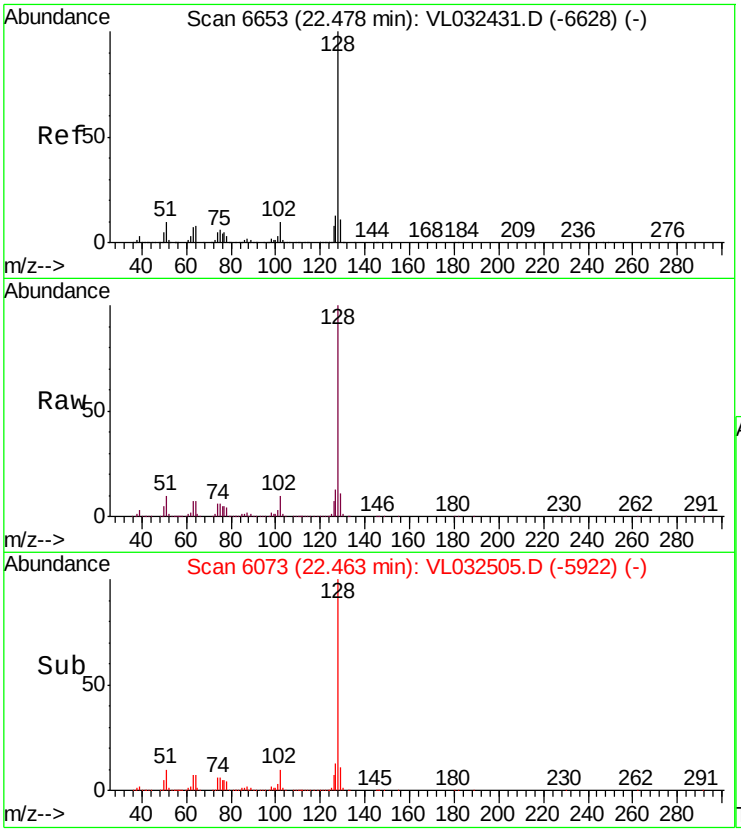


#78
Hexachloro-1,3-Butadiene
Concen: 10.726 ppbv
RT: 23.59 min Scan# 6422
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Tgt Ion:225 Resp: 1191567

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	76.0
227	63.5	51.2	76.8



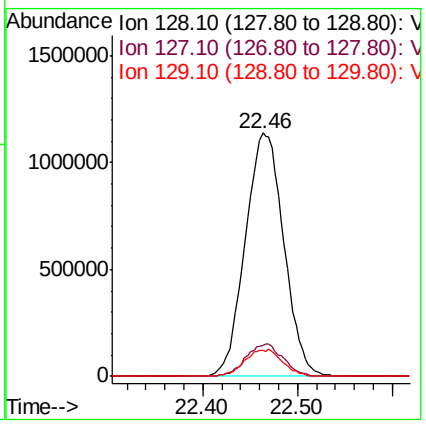


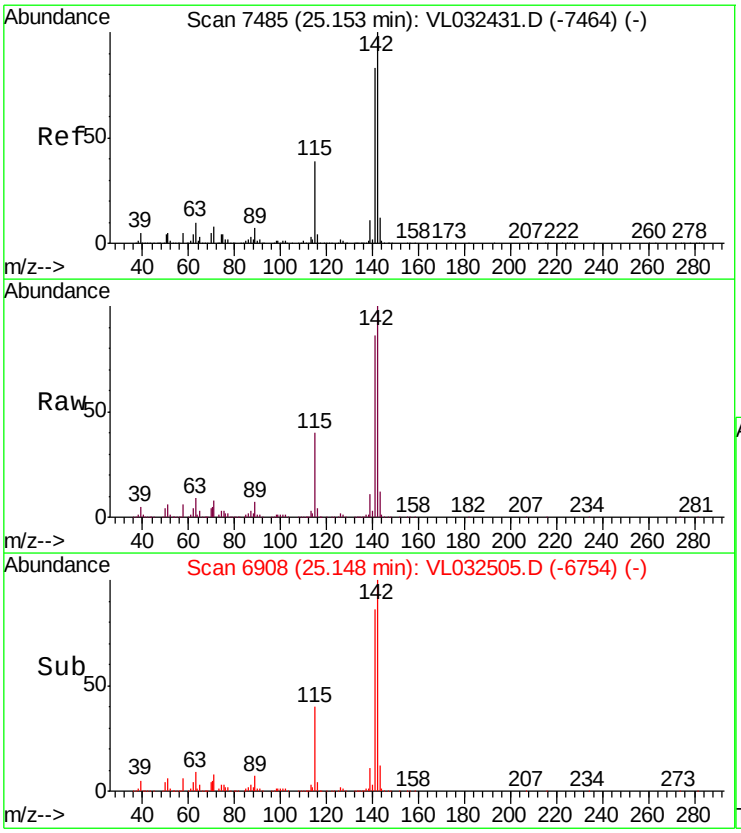
#79
Naphthalene
Concen: 7.602 ppbv
RT: 22.46 min Scan# 6073
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:128 Resp: 3210867

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.9	8.5	12.7





#80
Naphthalene,2-methyl-
Concen: 9.179 ppbv
RT: 25.15 min Scan# 6908
Delta R.T. -0.01 min
Lab File: VL032505.D
Acq: 11 Sep 2018 13:00

Tgt Ion:142 Resp: 1031510

Ion	Ratio	Lower	Upper
142	100		
141	83.5	67.0	100.6
115	40.4	31.3	46.9