Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081518\

Quantitation Report (Not Reviewed)

Data File : VL032354.D
Acq On : 15 Aug 2018 13:56
Operator : SY/AP
Sample : VSTDICC015
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Quant Time: Aug 15 14:29:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081518AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 15 11:44:08 2018
QLast Update : Wed Aug 15 11:44:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.82	49	2389700	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.36	114	5079240	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.31	117	5209364	10.00	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.65	95	3724387	9.21	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 92.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.11	85	2867732	9.950	ppbv	96
3) Chlorodifluoromethane	3.05	51	2991945	12.521	ppbv	99
4) Chloromethane	3.21	50	1817080	12.560	ppbv	99
5) Vinyl Chloride	3.33	62	1730344	13.156	ppbv	98
6) Bromomethane	3.56	94	960545	13.302	ppbv	94
7) Chloroethane	3.64	64	613858	13.126	ppbv	96
8) Dichlorotetrafluoroethane	3.26	85	3362125	11.549	ppbv	99
9) Propene	3.07	41	1480938	13.785	ppbv	99
10) Heptane	8.31	43	4407089	11.686	ppbv	99
11) Trichlorofluoromethane	4.05	101	3497694	12.704	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.60	101	2358669	12.548	ppbv	100
13) Ethanol	3.69	45	289194	9.367	ppbv	99
14) Bromoethene	3.83	108	1074964	13.028	ppbv	99
15) Acetone	3.95	43	2781466	12.350	ppbv	99
16) 1,3-Butadiene	3.40	39	1387380	11.881	ppbv	92
17) tert-Butyl alcohol	4.41	59	481194	6.722	ppbv	98
18) 1,1-Dichloroethene	4.40	96	1162863	13.334	ppbv	99
19) Isopropyl Alcohol	4.07	45	1962712	13.060	ppbv	99
20) Methylene Chloride	4.46	84	1027438	11.349	ppbv	98
21) Allyl Chloride	4.53	41	2129301	13.858	ppbv	99
22) trans-1,2-Dichloroethene	5.02	96	1162112	13.820	ppbv	98
23) Vinyl Acetate	5.21	43	5271408	13.047	ppbv	99
24) 1,1-Dichloroethane	5.15	63	3599036	12.418	ppbv	100
25) Ethyl Acetate	5.83	43	6875866	13.604	ppbv	99
26) Hexane	5.84	57	3145401	13.753	ppbv	99
27) Carbon Disulfide	4.67	76	3013159	14.492	ppbv	99
28) Methyl tert-Butyl Ether	5.17	73	3991118	12.902	ppbv	100
29) Chloroform	5.91	83	4320731	12.988	ppbv	99
30) Cyclohexane	7.31	84	2621823	14.693	ppbv	97
31) cis-1,2-Dichloroethene	5.70	61	3253919	15.346	ppbv	99
32) 1,1,1-Trichloroethane	6.68	97	4279855	14.537	ppbv	99
34) 2-Butanone	5.38	43	4921846	14.971	ppbv	99
35) Carbon Tetrachloride	7.20	117	4090508	14.178	ppbv	98
36) Benzene	7.07	78	5971956	13.338	ppbv	98
37) 1,2-Dichloroethane	6.48	62	3565527	13.782	ppbv	100
38) Trichloroethene	8.03	130	2011172	11.623	ppbv	94
39) 1,2-Dichloropropane	7.80	63	2512067	11.152	ppbv	98
40) 1,4-Dioxane	8.02	88	690778	10.443	ppbv	76
41) Tetrahydrofuran	6.21	42	2946868	15.847	ppbv	99
42) Bromodichloromethane	7.99	83	4708097	11.241	ppbv	99
43) Methyl Methacrylate	8.21	69	2715418	12.635	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081518\

Quantitation Report (Not Reviewed)

Data File : VL032354.D
Acq On : 15 Aug 2018 13:56
Operator : SY/AP
Sample : VSTDICC015
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Quant Time: Aug 15 14:29:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081518AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 15 11:44:08 2018
QLast Update : Wed Aug 15 11:44:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	8.06	57	10522771	10.838	ppbv		99
45) t-1,3-Dichloropropene	9.49	75	3748033	15.050	ppbv		98
46) cis-1,3-Dichloropropene	8.90	75	4325203	14.175	ppbv		99
47) 1,1,2-Trichloroethane	9.68	97	2685088	12.263	ppbv		98
48) Dibromochloromethane	10.52	129	3838960	11.895	ppbv		100
49) Bromoform	13.28	173	3093607	11.640	ppbv		99
50) 4-Methyl-2-Pentanone	8.94	43	7318182	12.616	ppbv		99
51) 2-Hexanone	10.34	43	5560133	12.578	ppbv	#	99
52) Tetrachloroethene	11.45	164	1773663	11.756	ppbv		98
53) Toluene	10.02	91	7323573	13.683	ppbv		99
54) 1,2-Dibromoethane	10.83	107	3646165	11.719	ppbv		100
56) 1,1,1,2-Tetrachloroethane	12.36	131	2649784	12.336	ppbv		97
57) Chlorobenzene	12.38	112	4795967	11.840	ppbv		97
58) Ethyl Benzene	12.94	91	8850739	13.552	ppbv		100
59) m/p-Xylene	13.22	91	6744901	12.130	ppbv	#	21
60) o-Xylene	13.93	91	6868751	12.600	ppbv		100
61) Styrene	13.76	104	5582018	13.912	ppbv		100
62) Isopropylbenzene	14.90	105	9828666	12.690	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.91	83	5188675	11.696	ppbv		100
64) n-propylbenzene	15.79	120	2648757	13.136	ppbv		95
65) tert-Butylbenzene	16.98	119	7988174	12.208	ppbv		100
66) Benzyl Chloride	17.23	91	5711627	14.645	ppbv		99
67) sec-Butylbenzene	17.53	105	11947691	12.194	ppbv		99
69) p-Isopropyltoluene	17.89	119	9609857	12.658	ppbv		99
70) n-Butylbenzene	18.79	91	10601506	12.095	ppbv		100
71) 2-Chlorotoluene	15.69	91	7918936	13.028	ppbv		99
72) 4-Ethyltoluene	16.08	105	8343661	13.656	ppbv		99
73) 1,3,5-Trimethylbenzene	16.23	105	7842943	13.041	ppbv		97
74) 1,2,4-Trimethylbenzene	17.00	105	7527785	11.873	ppbv		98
75) 1,3-Dichlorobenzene	17.24	146	4331508	11.797	ppbv		100
76) 1,4-Dichlorobenzene	17.38	146	4495466	12.760	ppbv		99
77) 1,2-Dichlorobenzene	18.07	146	4380750	12.143	ppbv		99
78) Hexachloro-1,3-Butadiene	23.61	225	1376111	10.848	ppbv		100
79) Naphthalene	22.49	128	8017867	14.572	ppbv		99
80) Naphthalene,2-methyl-	25.17	142	3574200	16.416	ppbv		99
81) 1,2,4-Trichlorobenzene	22.22	180	3723932	13.545	ppbv		100

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

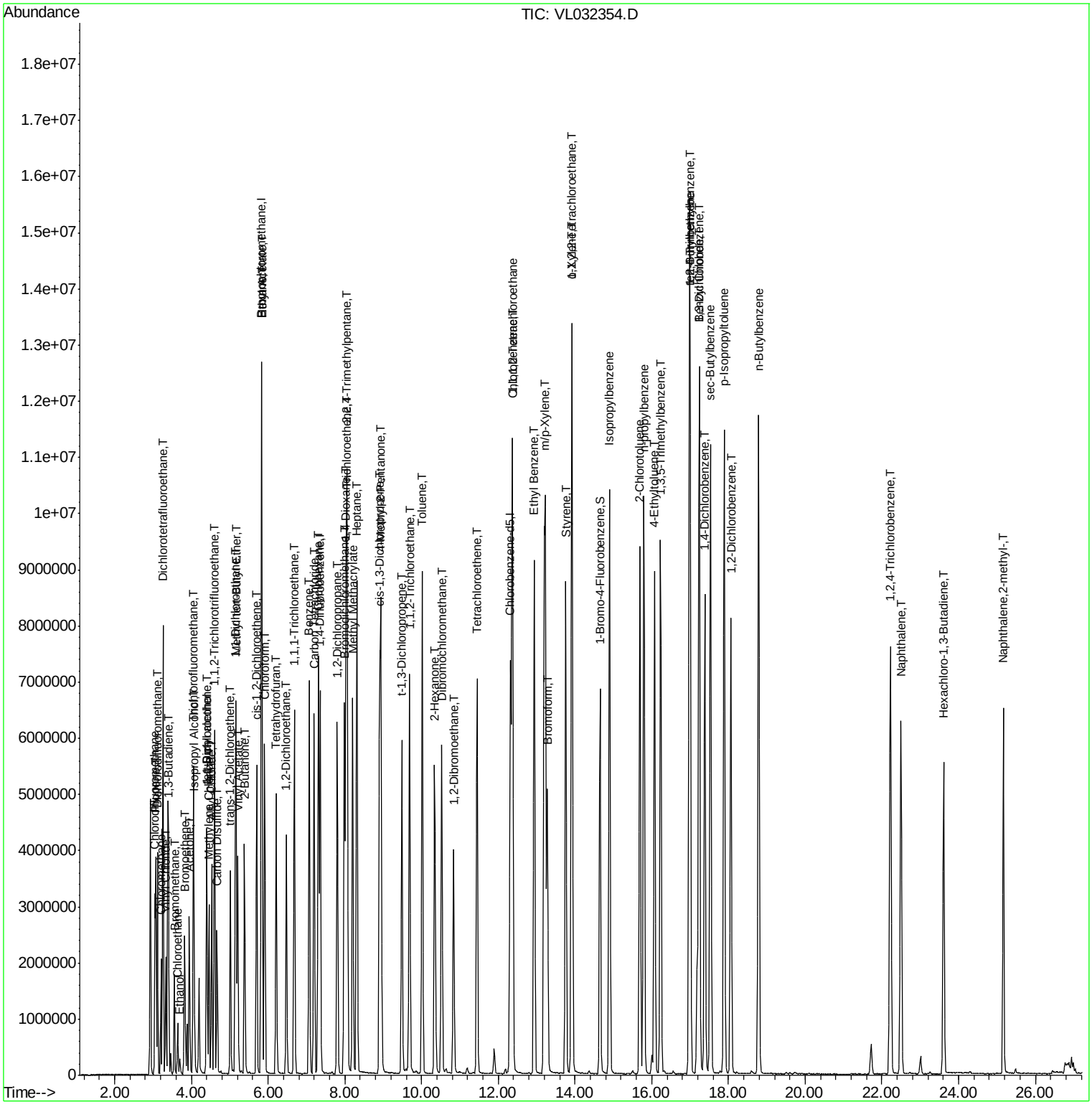
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081518\

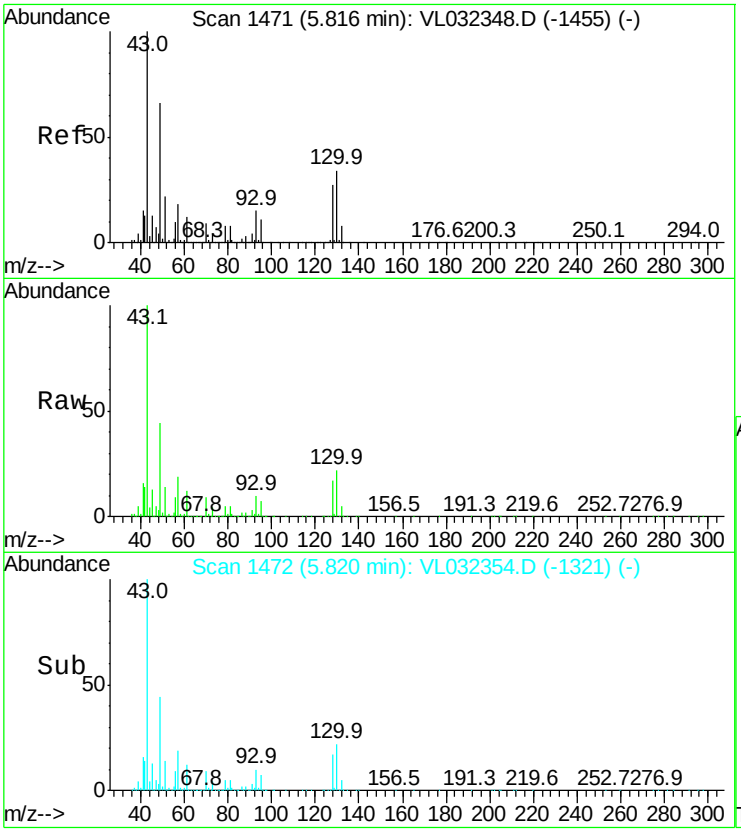
Quantitation Report (Not Reviewed)

Data File : VL032354.D
Acq On : 15 Aug 2018 13:56
Operator : SY/AP
Sample : VSTDICC015
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Quant Time: Aug 15 14:29:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081518AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 15 11:44:08 2018
QLast Update : Wed Aug 15 11:44:08 2018
Response via : Initial Calibration



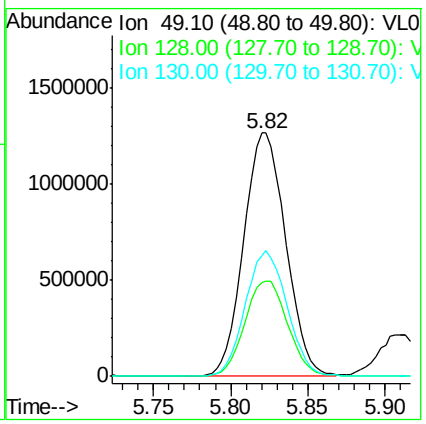


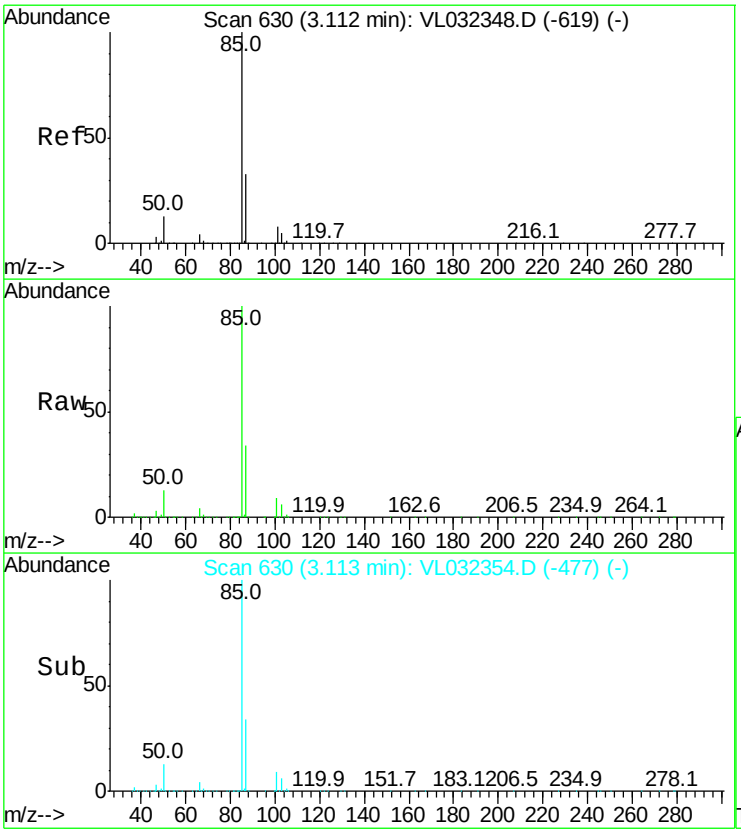
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.82 min Scan# 1472
Delta R.T. -0.02 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 49 Resp: 2389700

Ion	Ratio	Lower	Upper
49	100		
128	40.1	20.2	60.6
130	51.5	25.8	77.3

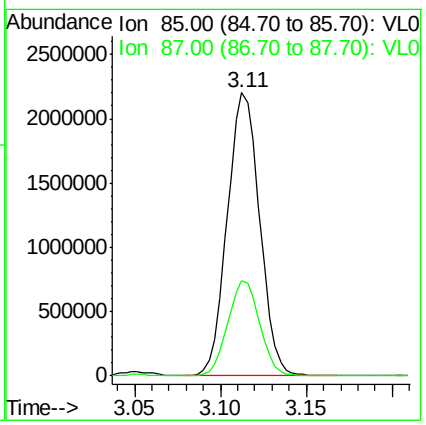


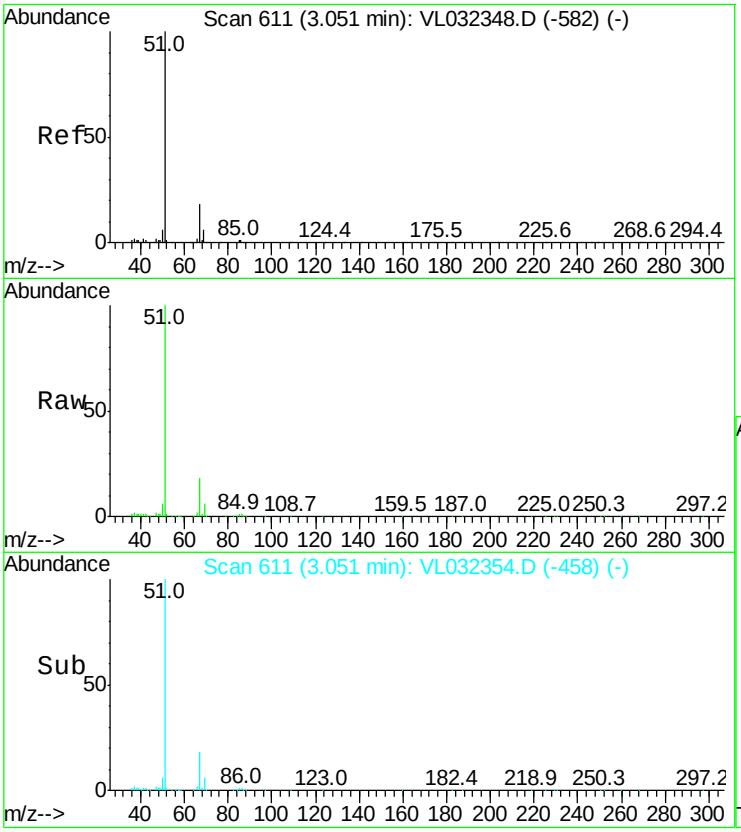


#2
Dichlorodifluoromethane
Concen: 9.950 ppbv
RT: 3.11 min Scan# 630
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Tgt Ion: 85 Resp: 2867732

Ion	Ratio	Lower	Upper
85	100		
87	33.5	25.2	37.8



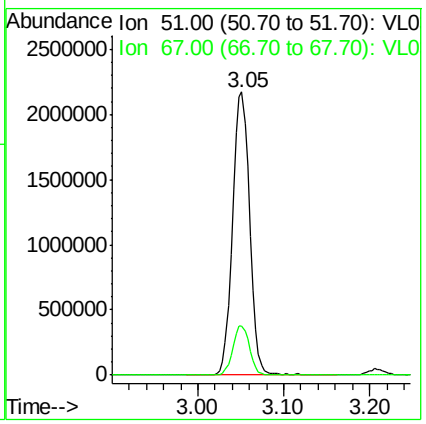


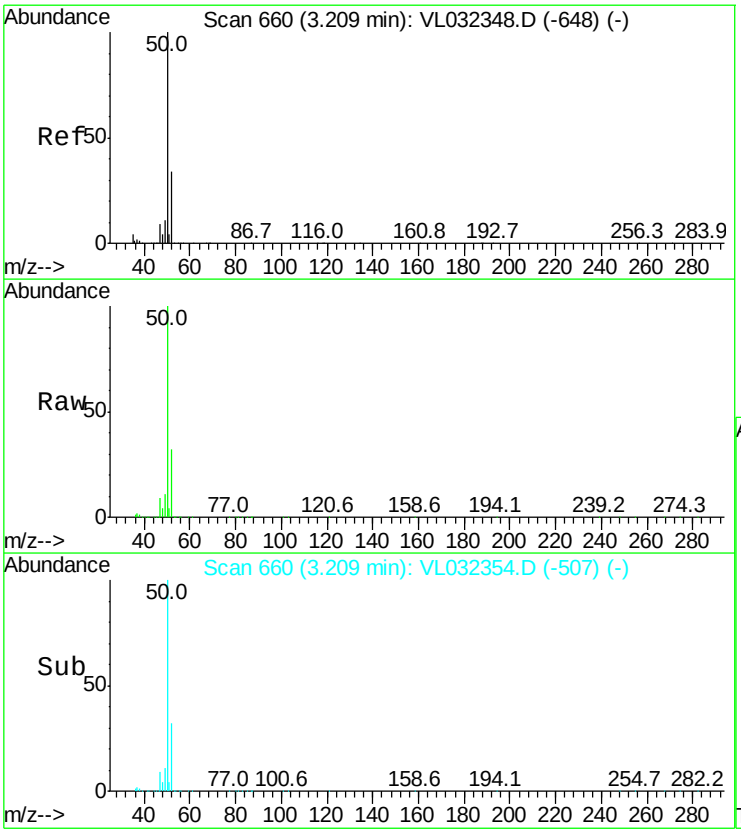
#3
Chlorodifluoromethane
Concen: 12.521 ppbv
RT: 3.05 min Scan# 611
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 51 Resp: 2991945

Ion	Ratio	Lower	Upper
51	100		
67	17.2	13.5	20.3

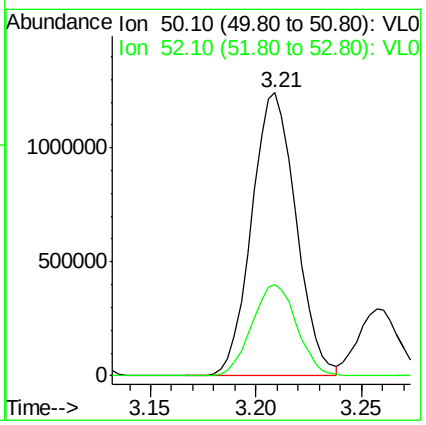


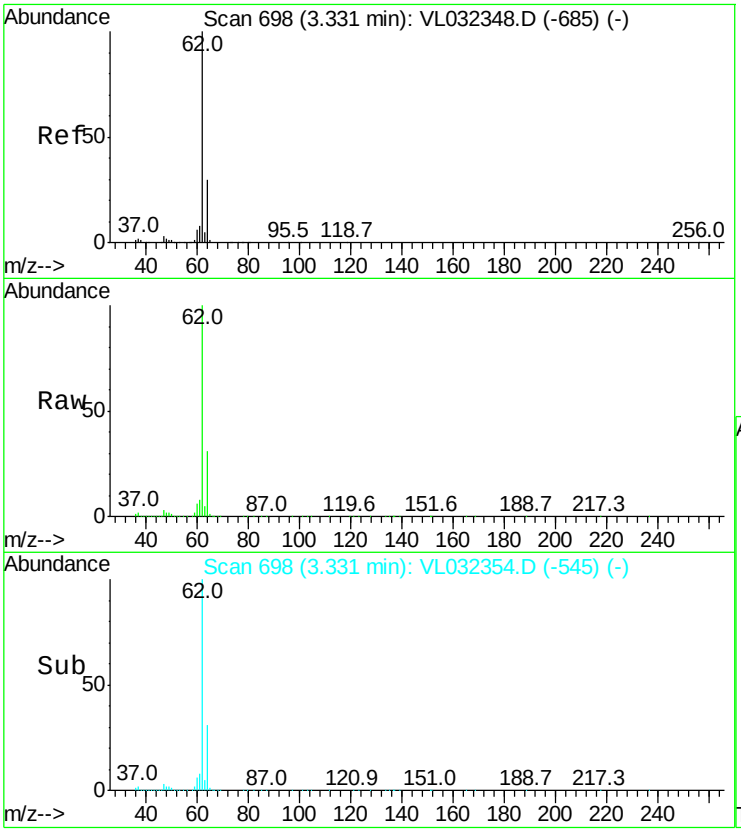


#4
Chloromethane
Concen: 12.560 ppbv
RT: 3.21 min Scan# 660
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Tgt Ion: 50 Resp: 1817080

Ion	Ratio	Lower	Upper
50	100		
52	32.4	26.2	39.4



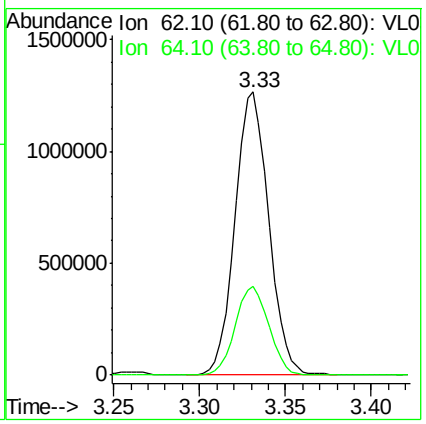


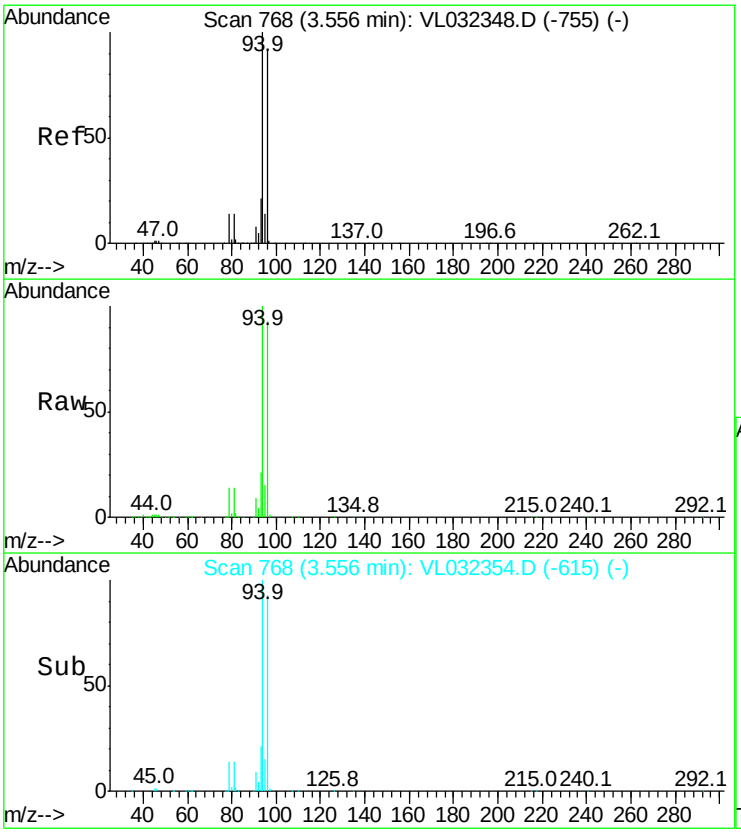
#5
Vinyl Chloride
Concen: 13.156 ppbv
RT: 3.33 min Scan# 698
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 62 Resp: 1730344

Ion	Ratio	Lower	Upper
62	100		
64	31.4	24.1	36.1

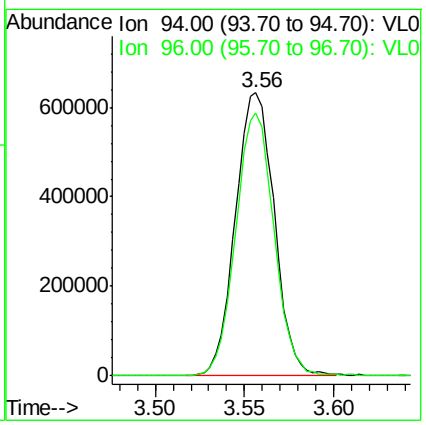


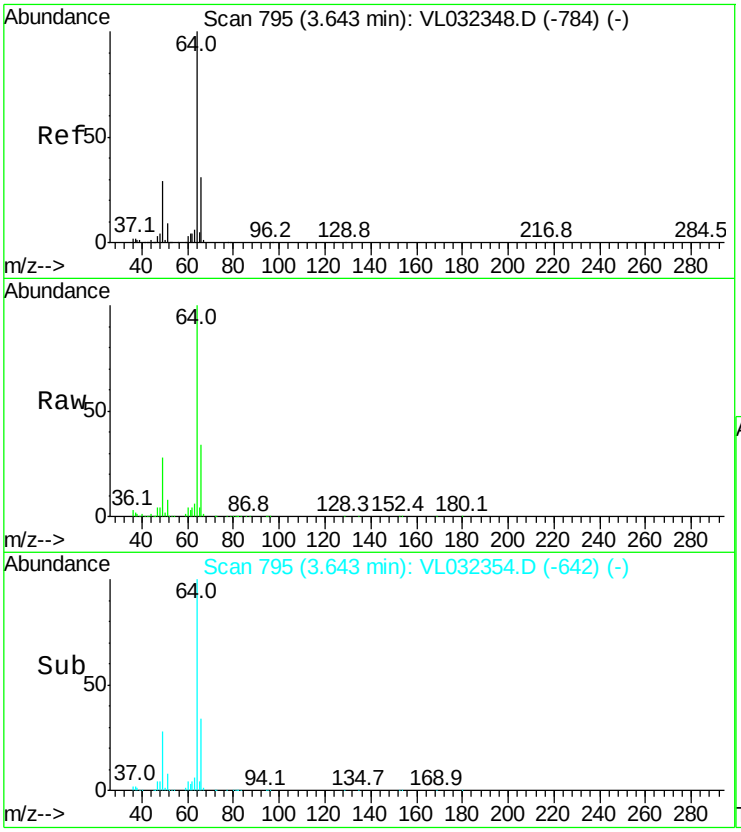


#6
Bromomethane
Concen: 13.302 ppbv
RT: 3.56 min Scan# 768
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Tgt Ion: 94 Resp: 960545

Ion	Ratio	Lower	Upper
94	100		
96	93.0	70.2	105.4



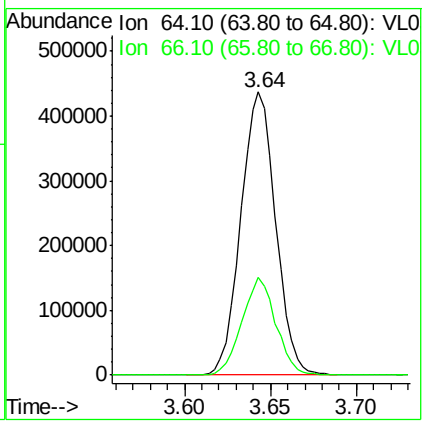


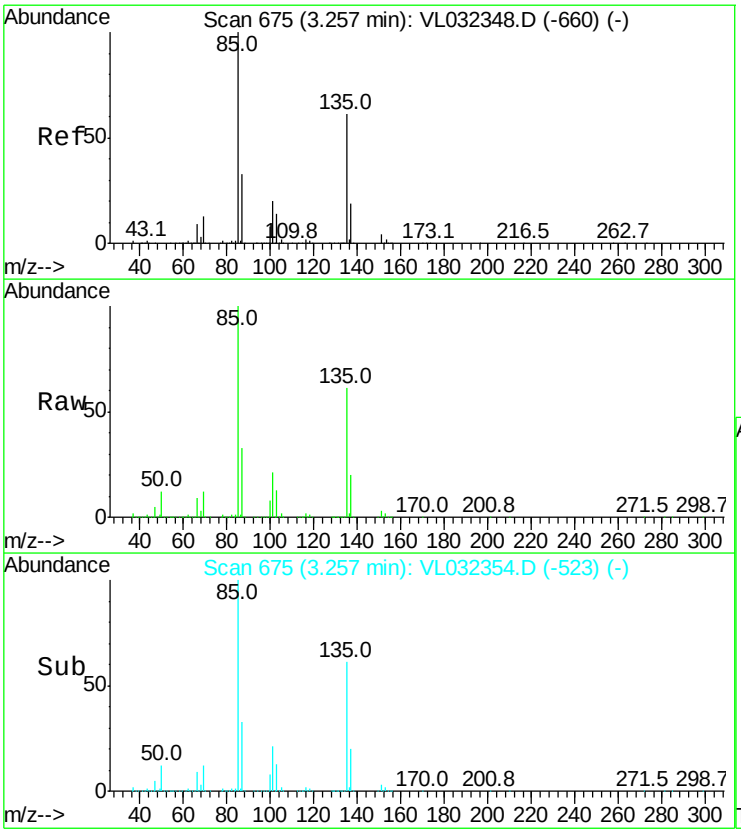
#7
Chloroethane
Concen: 13.126 ppbv
RT: 3.64 min Scan# 795
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 64 Resp: 613858

Ion	Ratio	Lower	Upper
64	100		
66	34.5	25.7	38.5

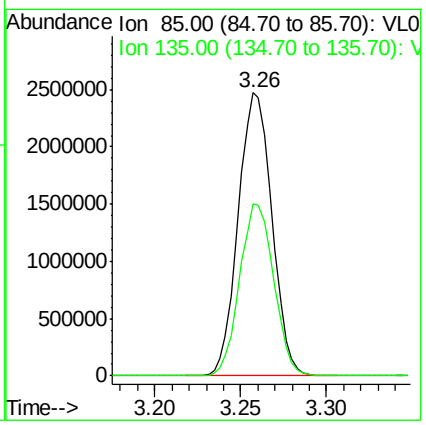


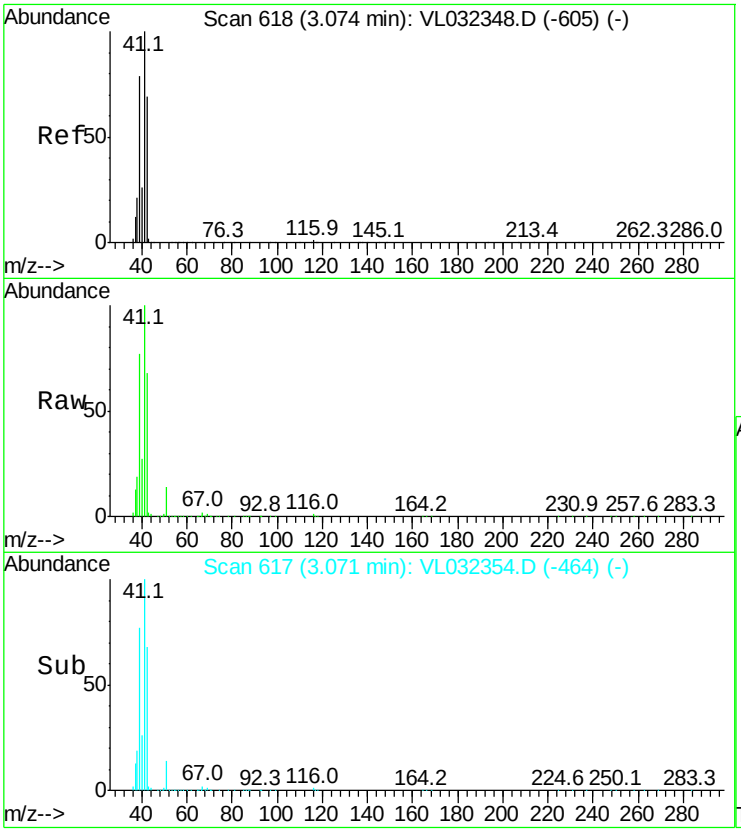


#8
Dichlorotetrafluoroethane
Concen: 11.549 ppbv
RT: 3.26 min Scan# 675
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Tgt Ion: 85 Resp: 3362125

Ion	Ratio	Lower	Upper
85	100		
135	61.5	48.7	73.1



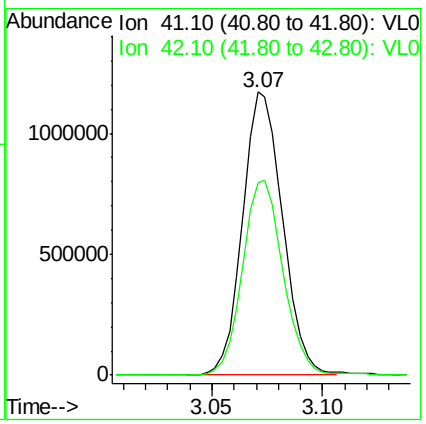


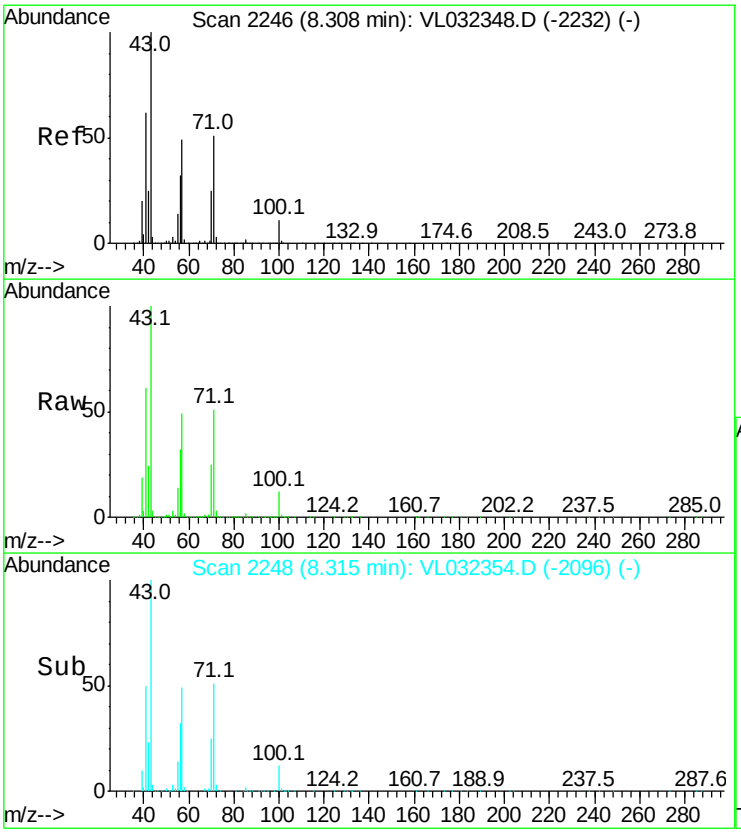
#9
Propene
Concen: 13.785 ppbv
RT: 3.07 min Scan# 617
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 41 Resp: 1480938

Ion	Ratio	Lower	Upper
41	100		
42	70.3	56.8	85.2

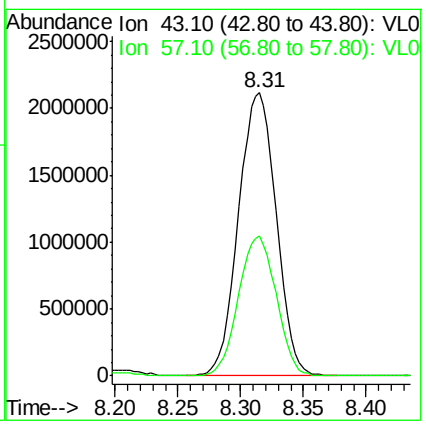


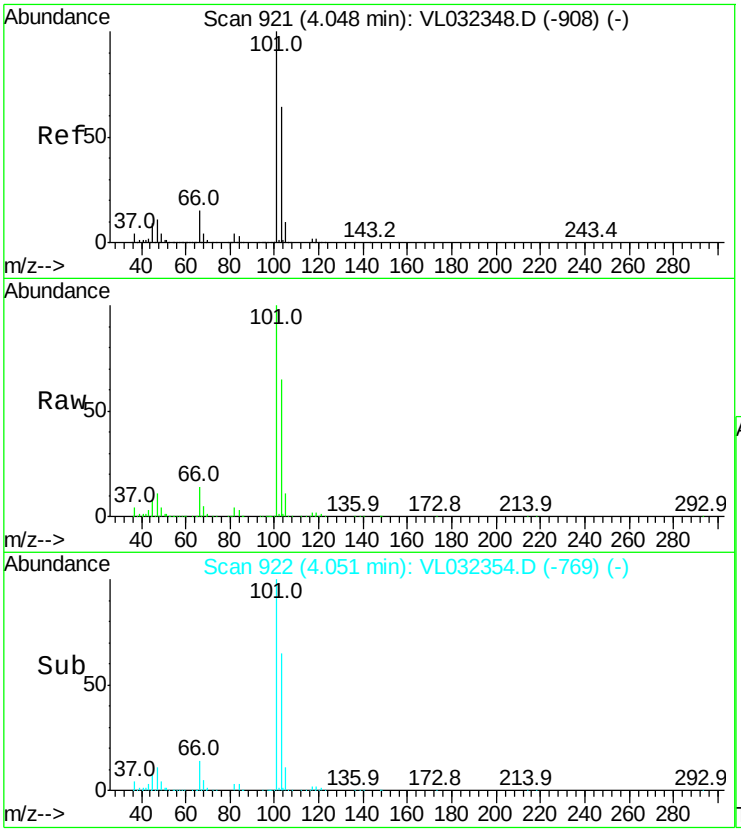


#10
Heptane
Concen: 11.686 ppbv
RT: 8.31 min Scan# 2248
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Tgt Ion: 43 Resp: 4407089

Ion	Ratio	Lower	Upper
43	100		
57	49.6	39.0	58.4



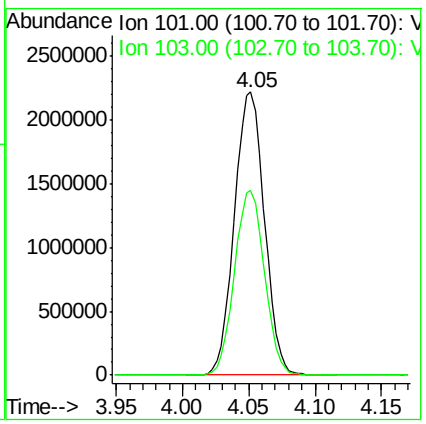


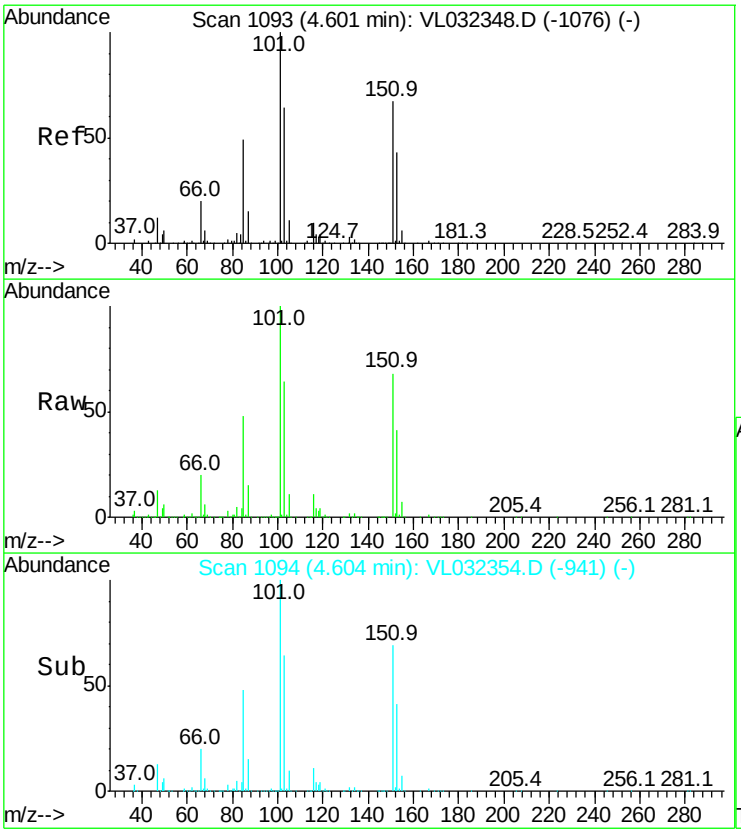
#11
Trichlorofluoromethane
Concen: 12.704 ppbv
RT: 4.05 min Scan# 922
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:101 Resp: 3497694

Ion	Ratio	Lower	Upper
101	100		
103	65.4	52.6	78.8

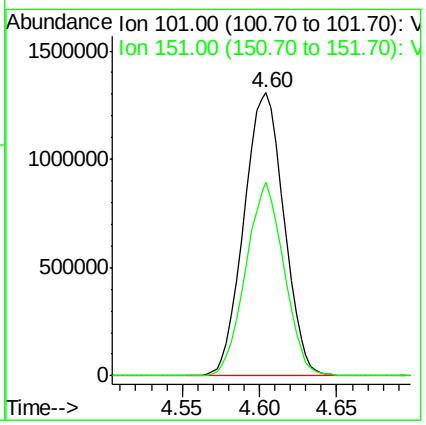


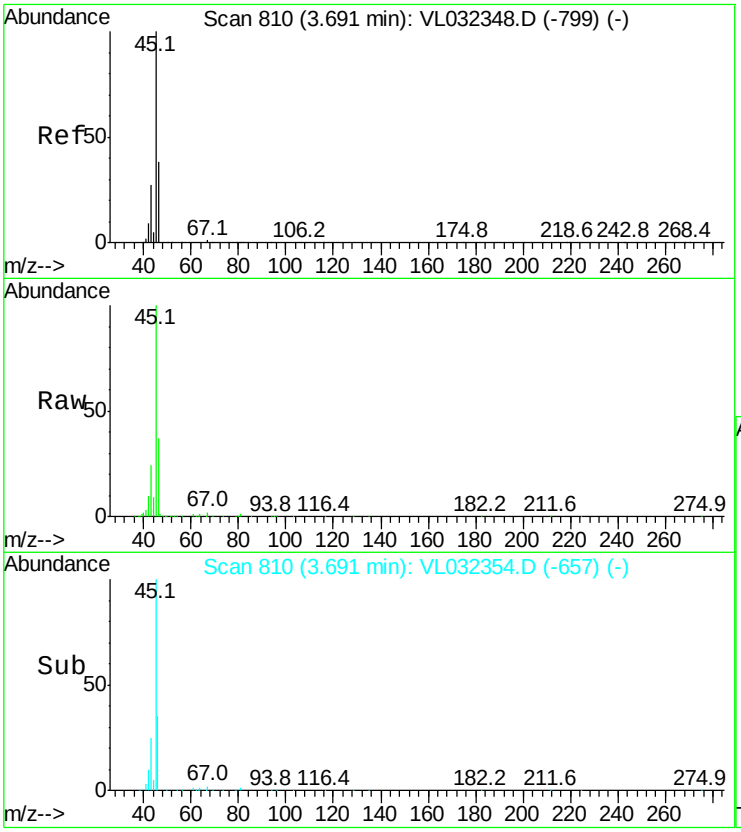


#12
1,1,2-Trichlorotrifluoroethane
Concen: 12.548 ppbv
RT: 4.60 min Scan# 1094
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Tgt Ion:101 Resp: 2358669

Ion	Ratio	Lower	Upper
101	100		
151	65.4	52.4	78.6



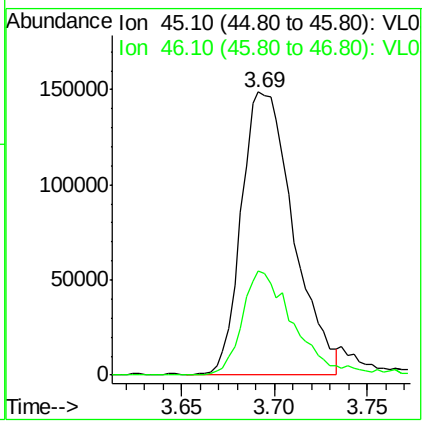


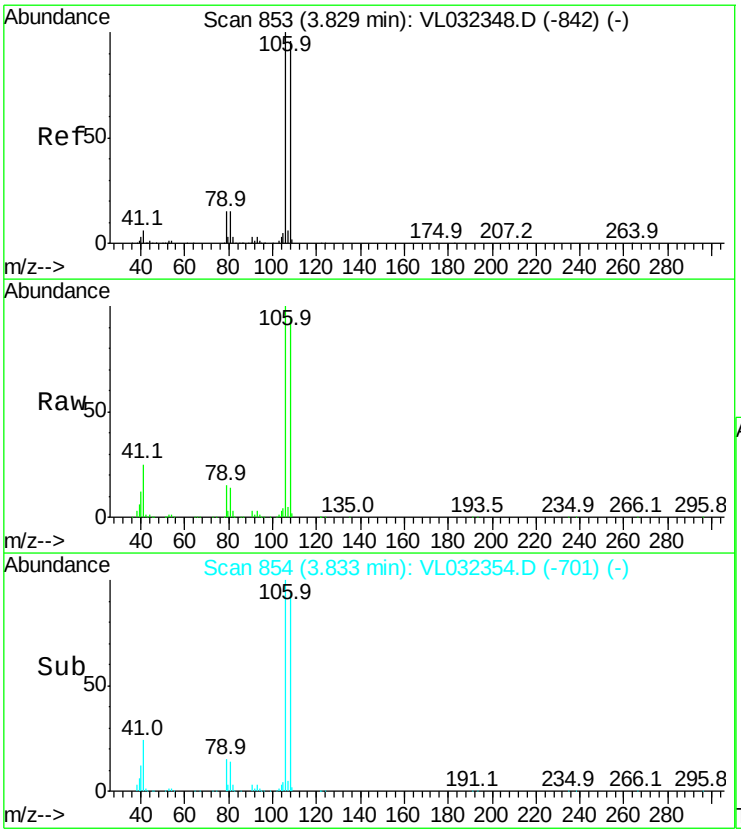
#13
Ethanol
Concen: 9.367 ppbv
RT: 3.69 min Scan# 810
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 45 Resp: 289194

Ion	Ratio	Lower	Upper
45	100		
46	37.5	15.2	60.6

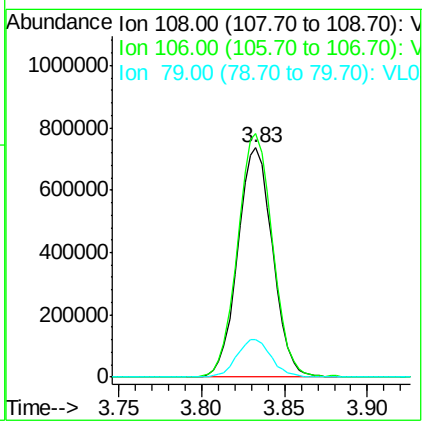


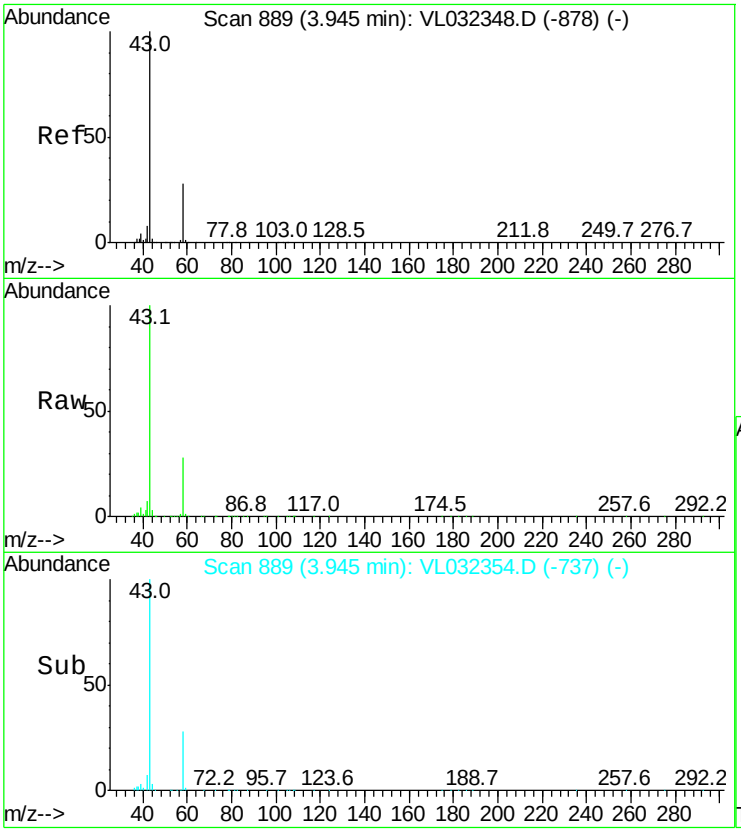


#14
Bromoethene
Concen: 13.028 ppbv
RT: 3.83 min Scan# 854
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Tgt Ion:108 Resp: 1074964

Ion	Ratio	Lower	Upper
108	100		
106	107.1	86.0	129.0
79	16.5	12.8	19.2



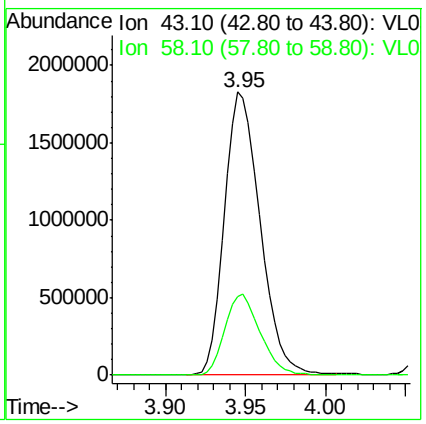


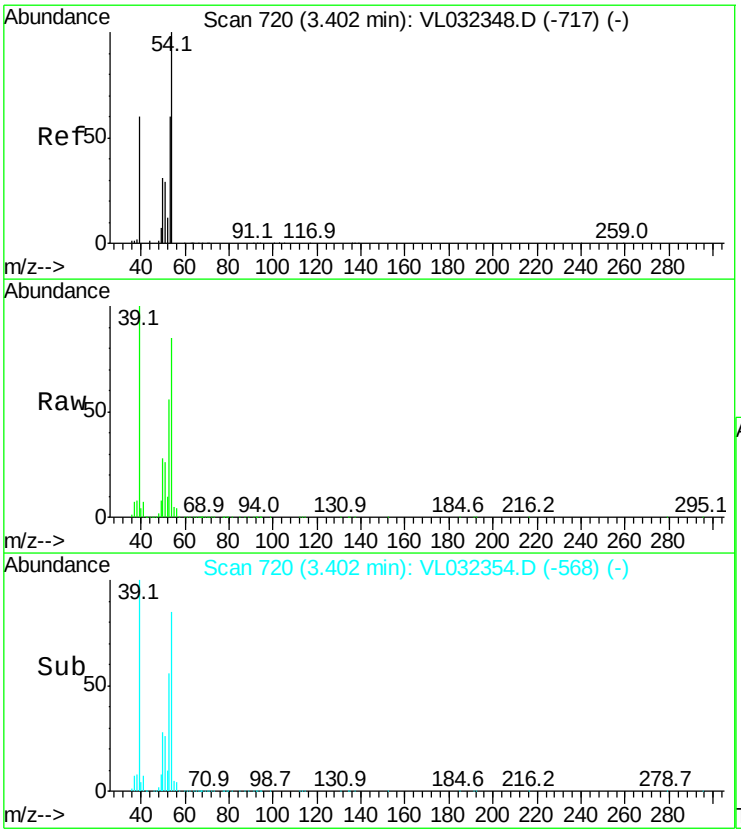
#15
Acetone
Concen: 12.350 ppbv
RT: 3.95 min Scan# 889
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 43 Resp: 2781466

Ion	Ratio	Lower	Upper
43	100		
58	28.4	22.5	33.7

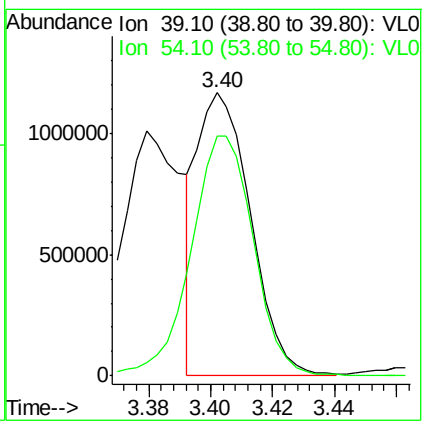


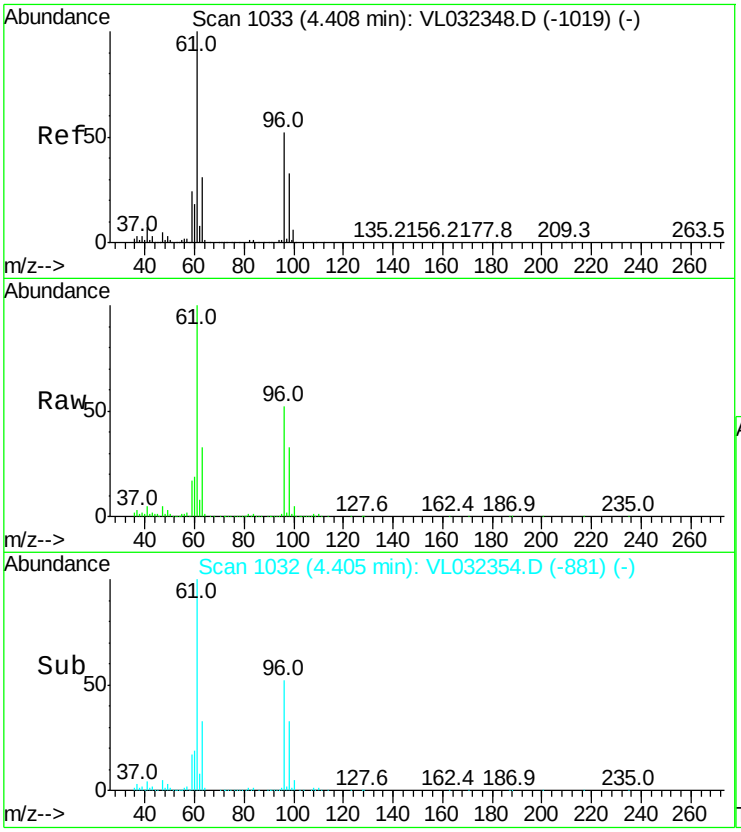


#16
1,3-Butadiene
Concen: 11.881 ppbv
RT: 3.40 min Scan# 720
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Tgt Ion: 39 Resp: 1387380

Ion	Ratio	Lower	Upper
39	100		
54	100.9	74.3	111.5



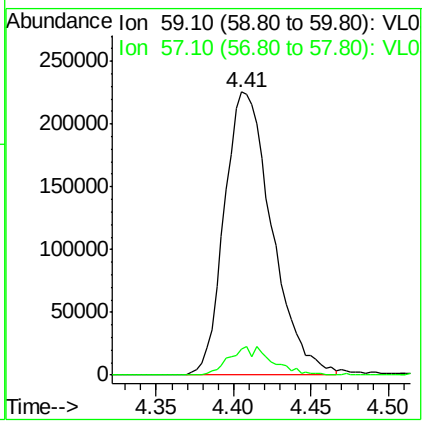


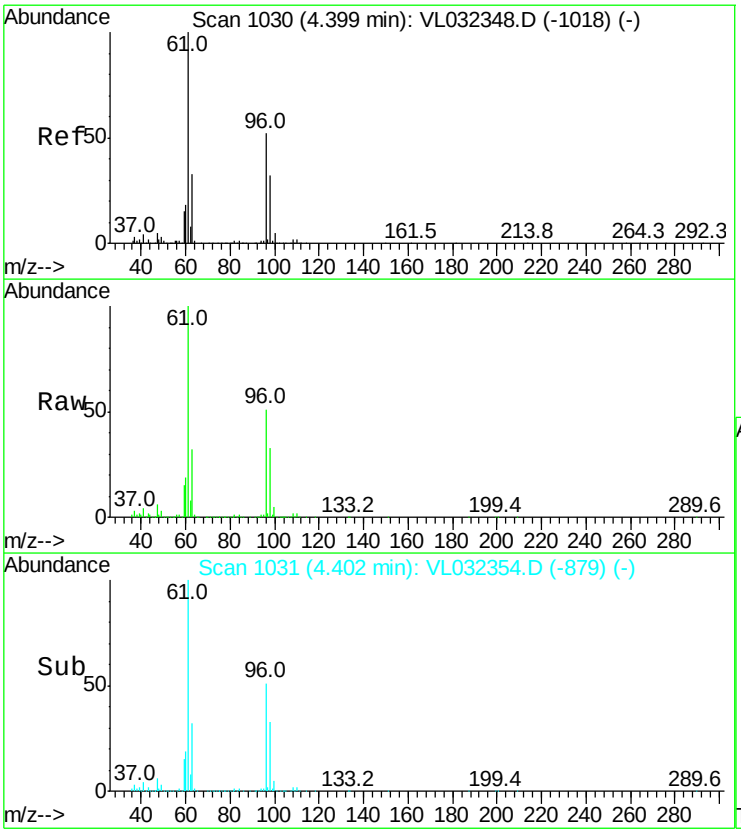
#17
tert-Butyl alcohol
Concen: 6.722 ppbv
RT: 4.41 min Scan# 1032
Delta R.T. -0.02 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 59 Resp: 481194

Ion	Ratio	Lower	Upper
59	100		
57	9.3	8.0	12.0

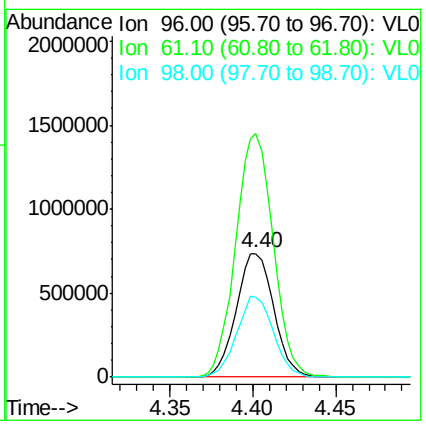


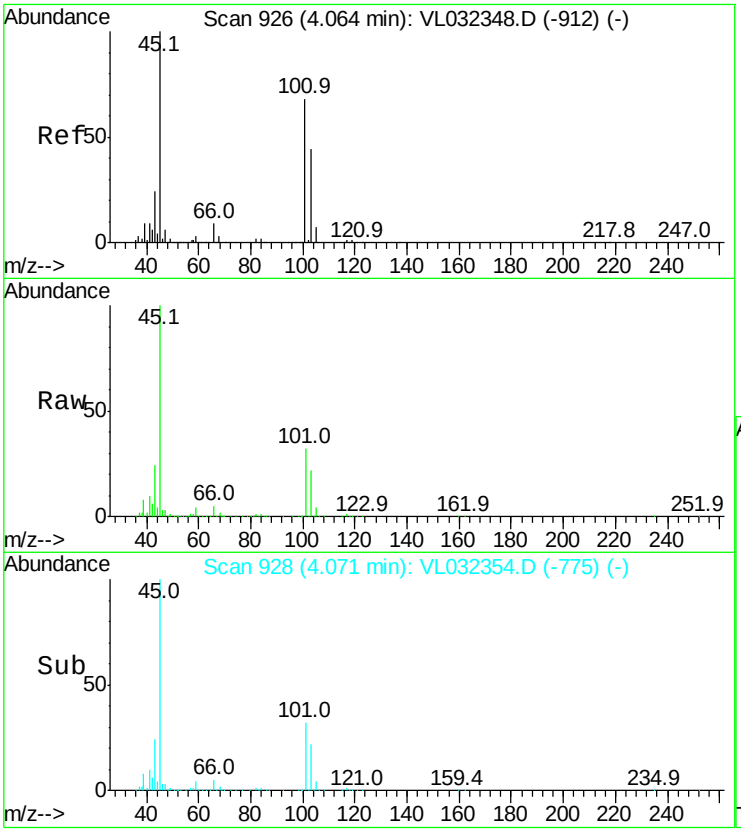


#18
1,1-Dichloroethene
Concen: 13.334 ppbv
RT: 4.40 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Tgt Ion: 96 Resp: 1162863

Ion	Ratio	Lower	Upper
96	100		
61	196.5	159.0	238.4
98	64.3	51.1	76.7



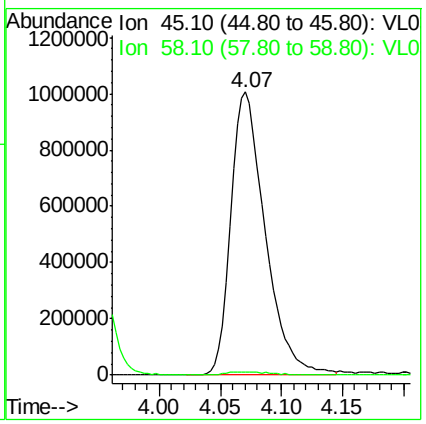


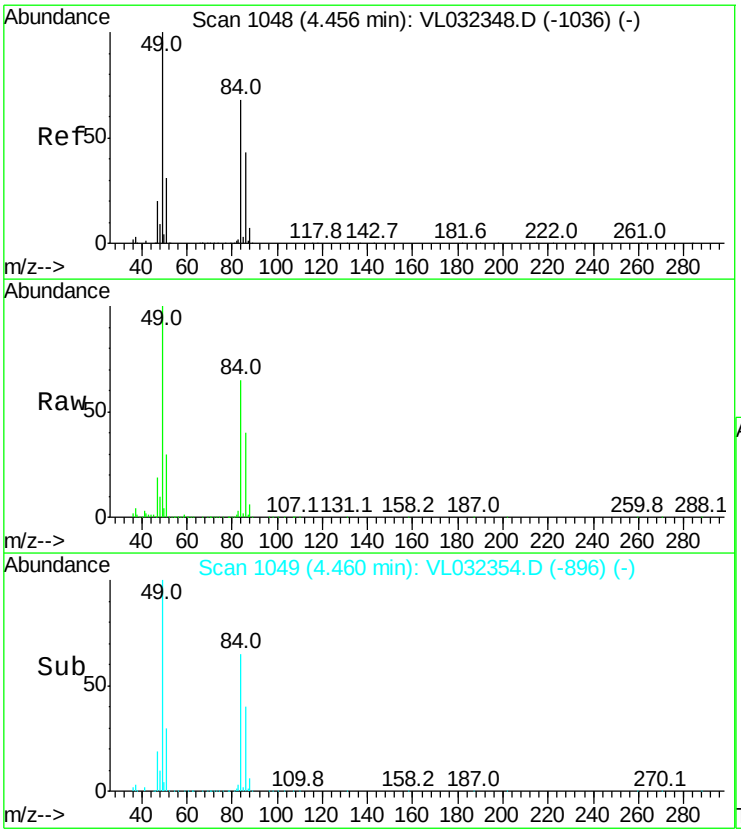
#19
Isopropyl Alcohol
Concen: 13.060 ppbv
RT: 4.07 min Scan# 928
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 45 Resp: 1962712

Ion	Ratio	Lower	Upper
45	100		
58	1.6	1.5	2.3

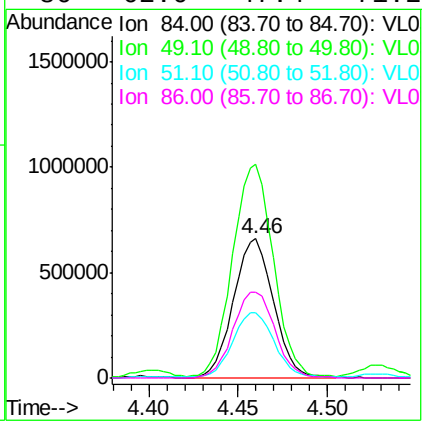


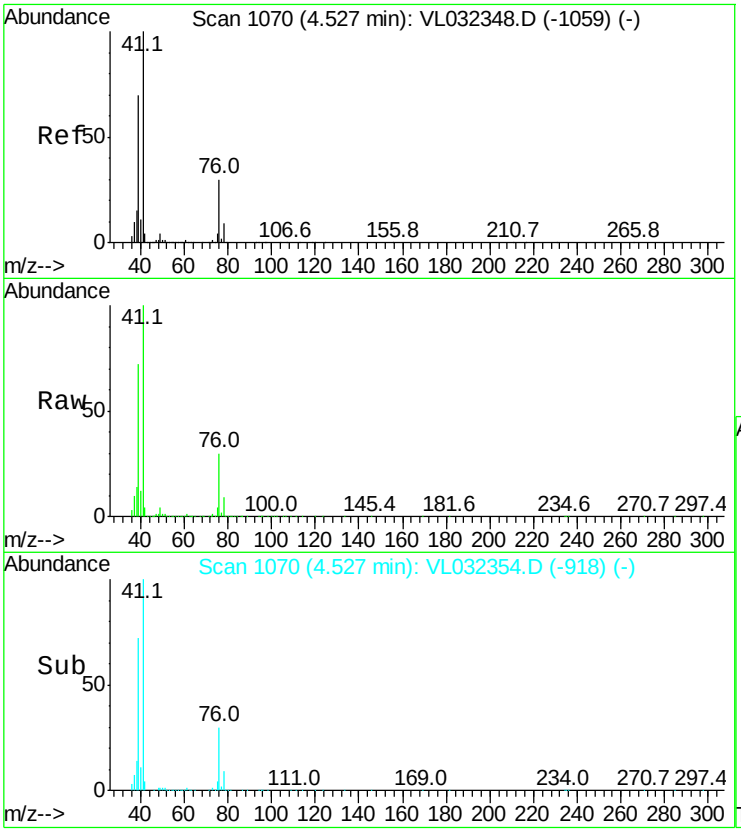


#20
Methylene Chloride
Concen: 11.349 ppbv
RT: 4.46 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Tgt Ion: 84 Resp: 1027438

Ion	Ratio	Lower	Upper
84	100		
49	152.9	123.4	185.0
51	46.2	38.2	57.2
86	62.0	47.4	71.2



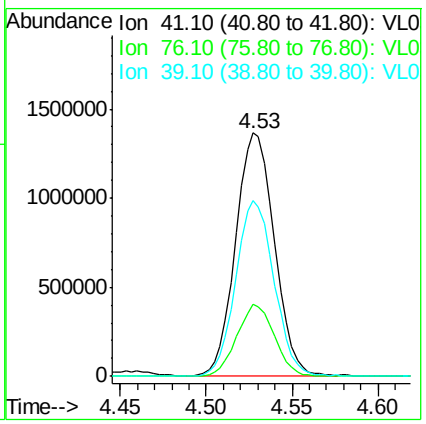


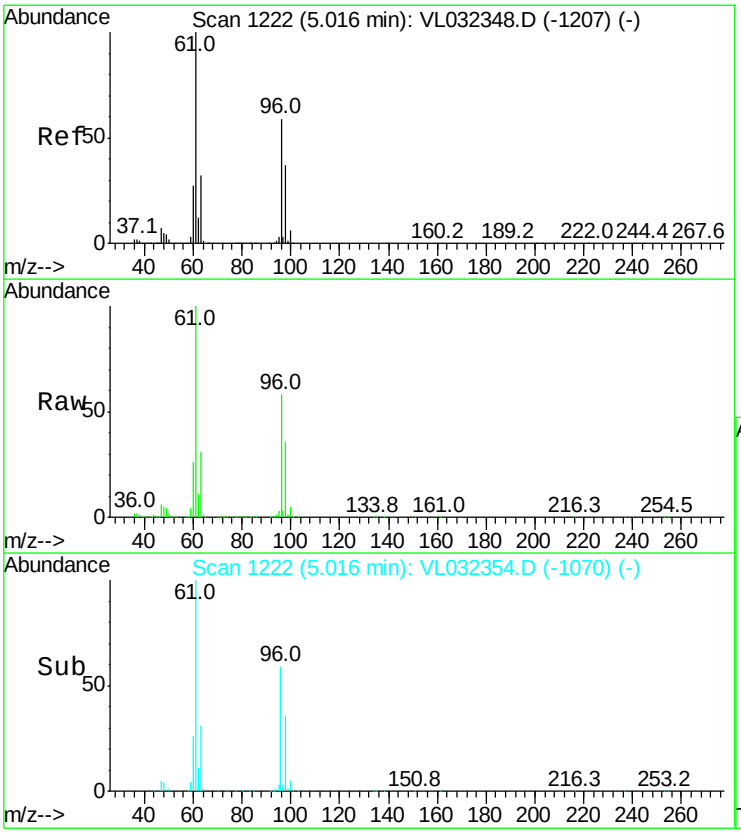
#21
Allyl Chloride
Concen: 13.858 ppbv
RT: 4.53 min Scan# 1070
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 41 Resp: 2129301

Ion	Ratio	Lower	Upper
41	100		
76	28.8	23.1	34.7
39	71.5	58.2	87.2

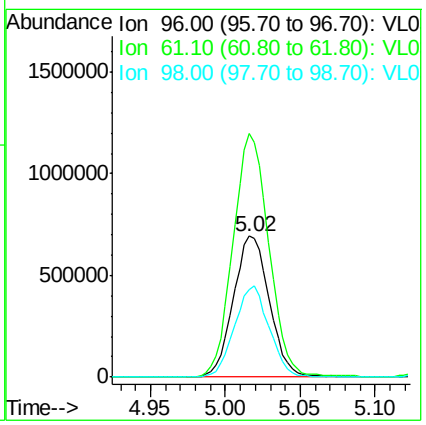


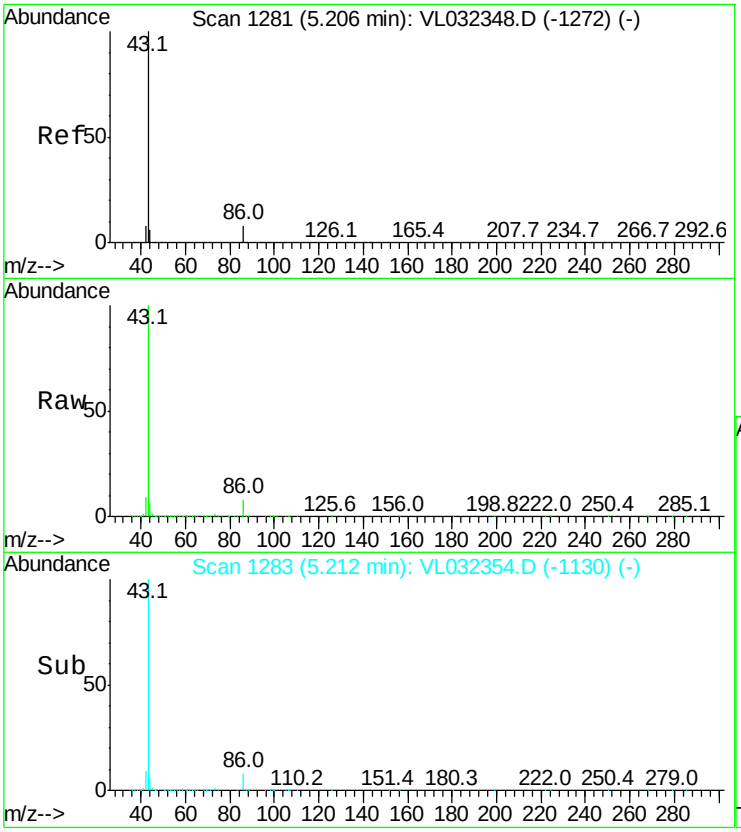


#22
trans-1,2-Dichloroethene
Concen: 13.820 ppbv
RT: 5.02 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Tgt Ion: 96 Resp: 1162112

Ion	Ratio	Lower	Upper
96	100		
61	172.7	136.5	204.7
98	62.3	51.3	76.9



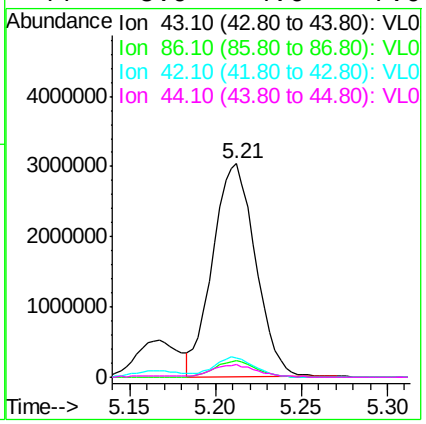


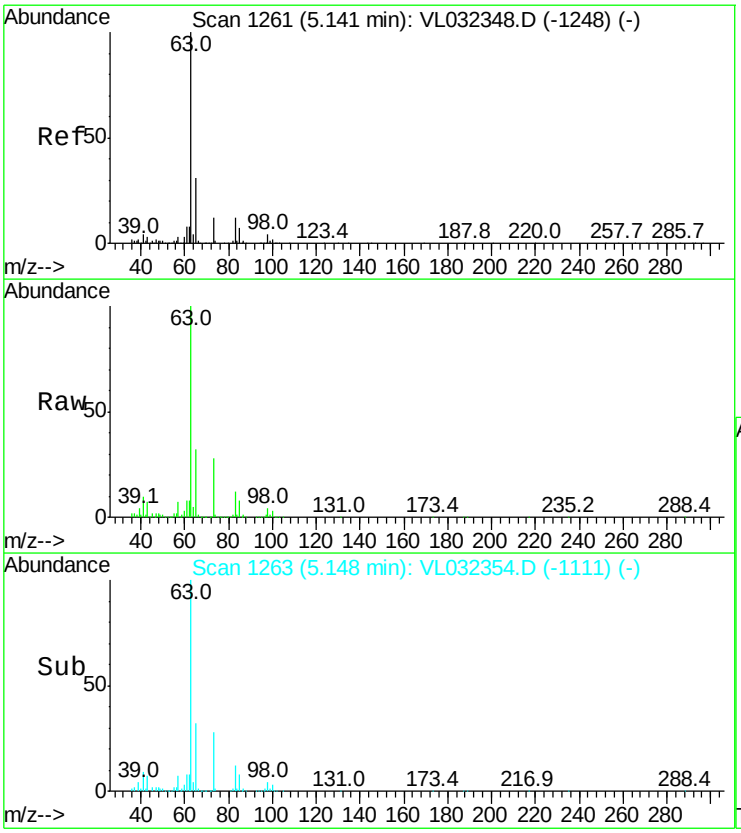
#23
Vinyl Acetate
Concen: 13.047 ppbv
RT: 5.21 min Scan# 1283
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 43 Resp: 5271408

Ion	Ratio	Lower	Upper
43	100		
86	7.6	6.3	9.5
42	8.9	7.0	10.4
44	5.9	4.6	7.0

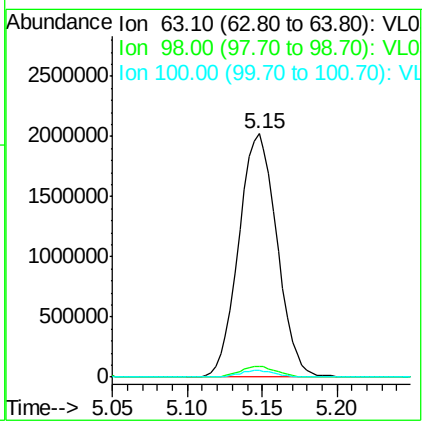


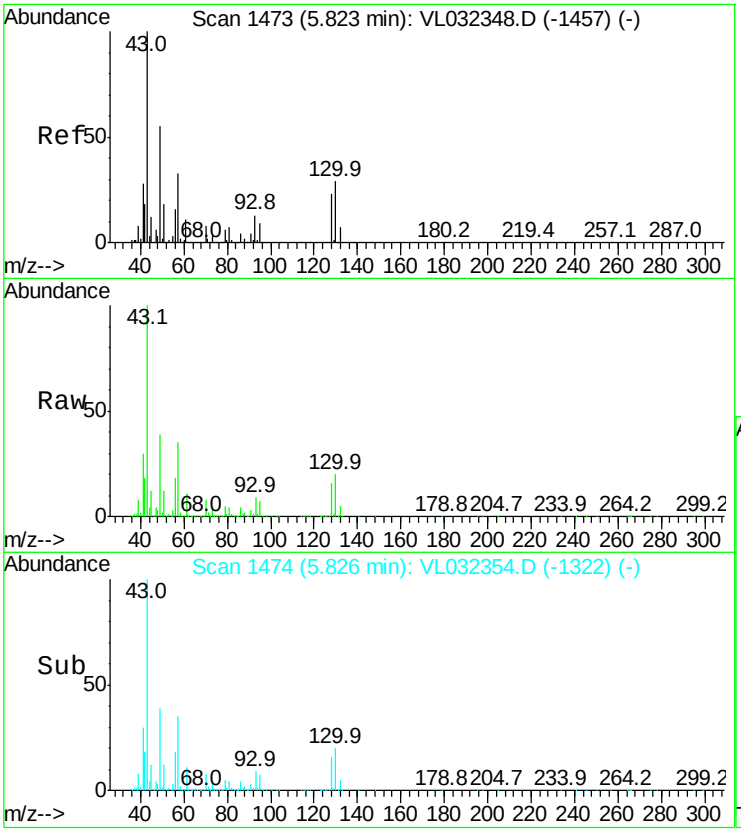


#24
1,1-Dichloroethane
Concen: 12.418 ppbv
RT: 5.15 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Tgt Ion: 63 Resp: 3599036

Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.1	6.5
100	2.7	1.3	3.8



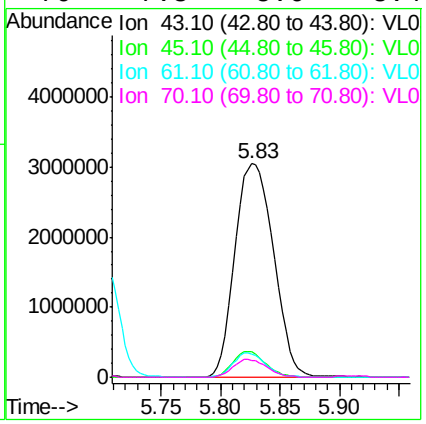


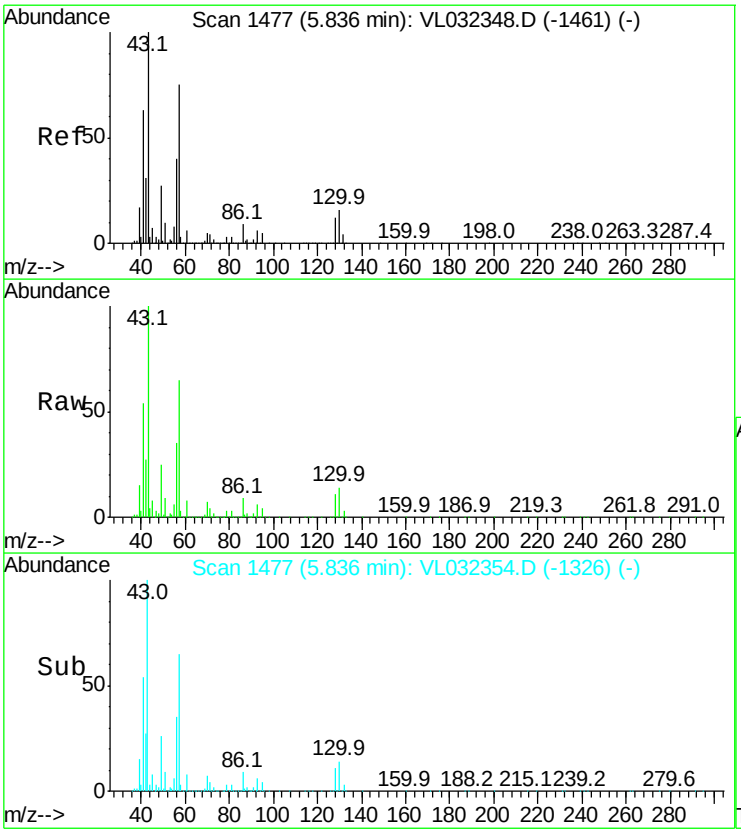
#25
Ethyl Acetate
Concen: 13.604 ppbv
RT: 5.83 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 43 Resp: 6875866

Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.1	12.1
61	9.8	7.4	11.0
70	7.3	5.6	8.4

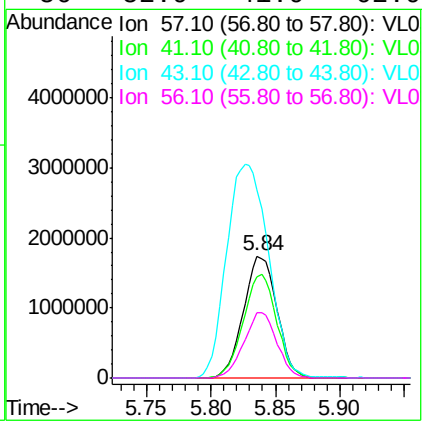


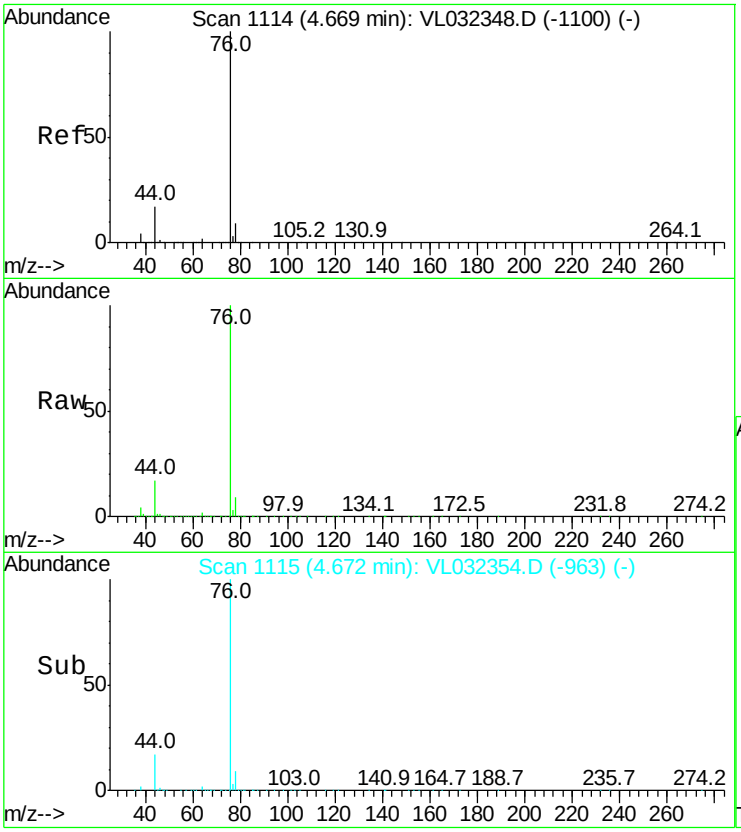


#26
Hexane
Concen: 13.753 ppbv
RT: 5.84 min Scan# 1477
Delta R.T. -0.02 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Tgt Ion: 57 Resp: 3145401

Ion	Ratio	Lower	Upper
57	100		
41	85.0	68.1	102.1
43	219.4	177.4	266.2
56	52.9	41.9	62.9



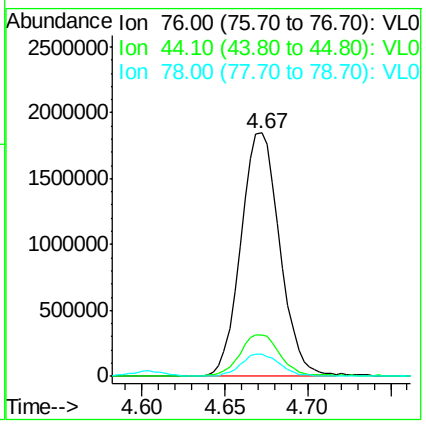


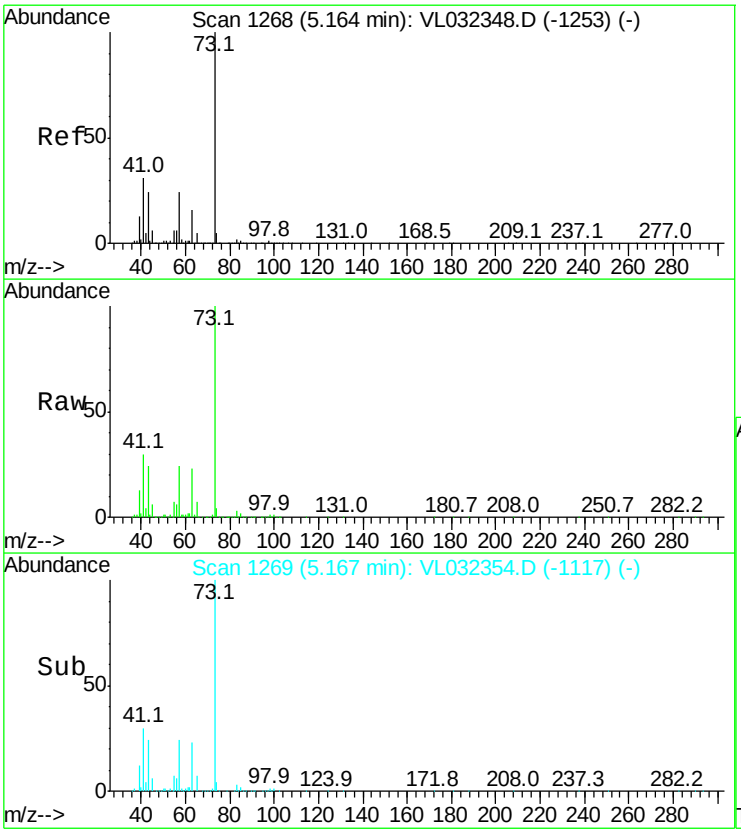
#27
Carbon Disulfide
Concen: 14.492 ppbv
RT: 4.67 min Scan# 1115
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 76 Resp: 3013159

Ion	Ratio	Lower	Upper
76	100		
44	17.2	14.0	21.0
78	9.2	7.5	11.3

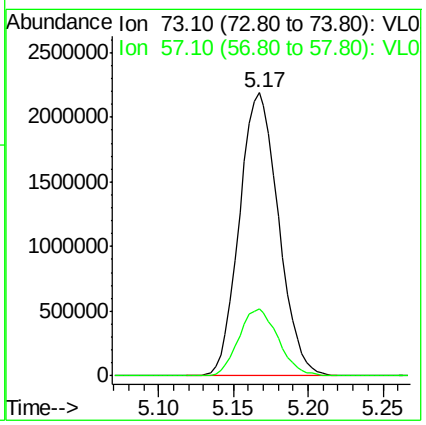


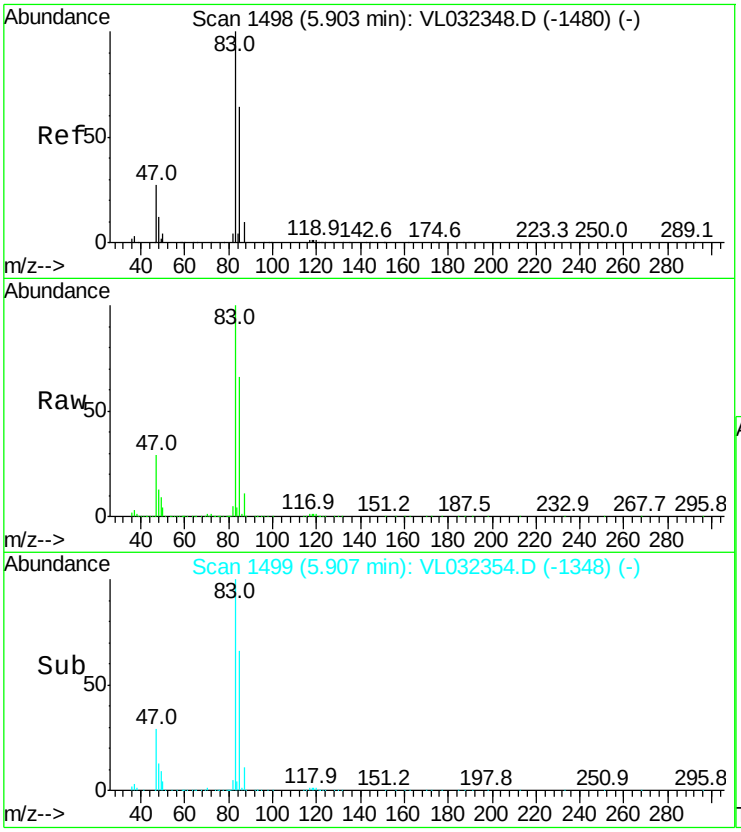


#28
Methyl tert-Butyl Ether
Concen: 12.902 ppbv
RT: 5.17 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Tgt Ion: 73 Resp: 3991118

Ion	Ratio	Lower	Upper
73	100		
57	24.1	19.4	29.0



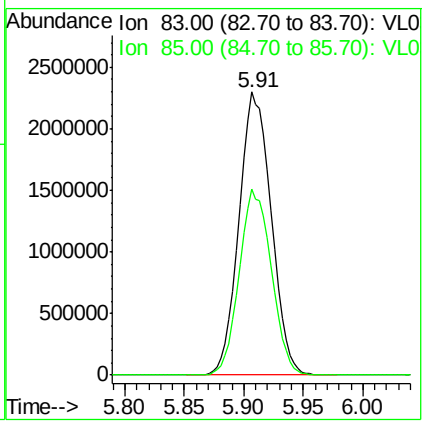


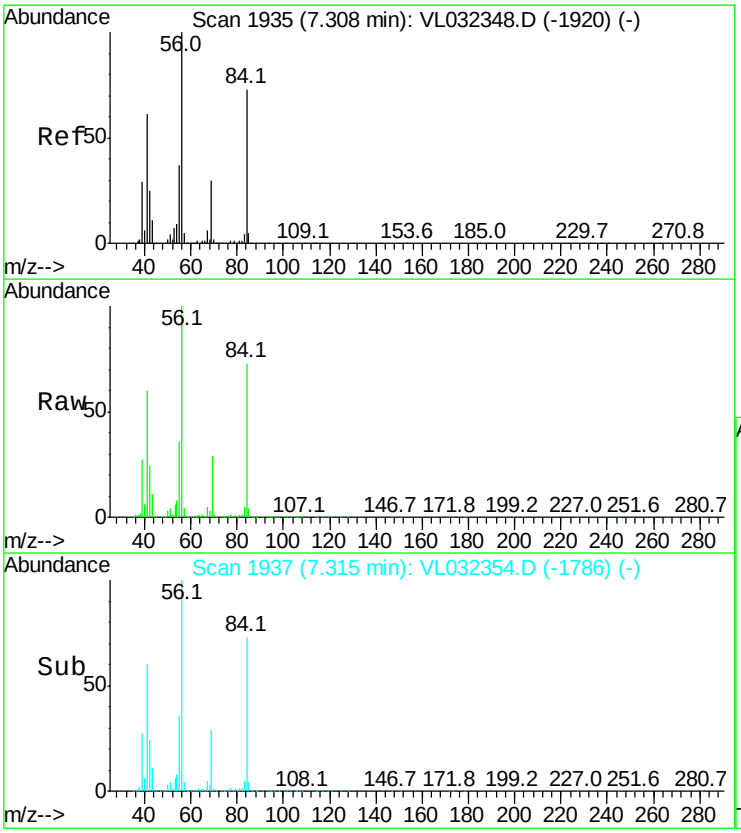
#29
Chloroform
Concen: 12.988 ppbv
RT: 5.91 min Scan# 1499
Delta R.T. -0.02 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 83 Resp: 4320731

Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.9	79.3

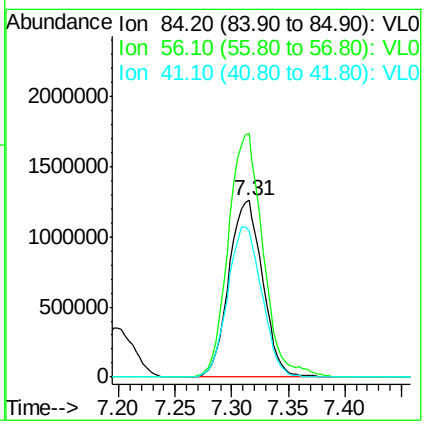


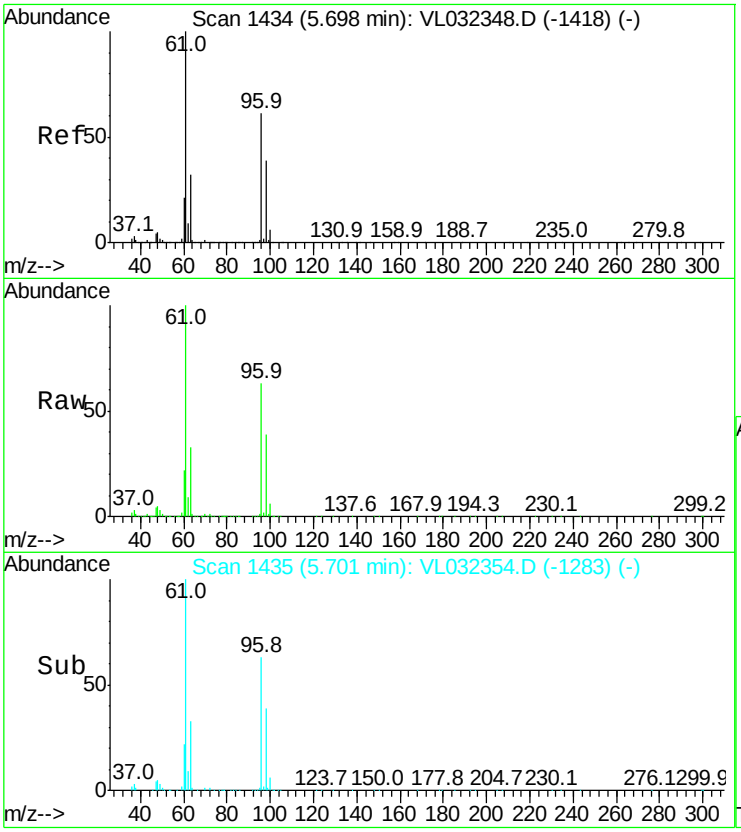


#30
Cyclohexane
Concen: 14.693 ppbv
RT: 7.31 min Scan# 1937
Delta R.T. -0.02 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Tgt Ion: 84 Resp: 2621823

Ion	Ratio	Lower	Upper
84	100		
56	142.0	116.8	175.2
41	86.0	70.0	105.0



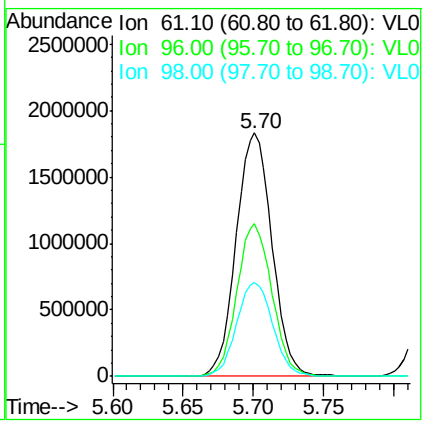


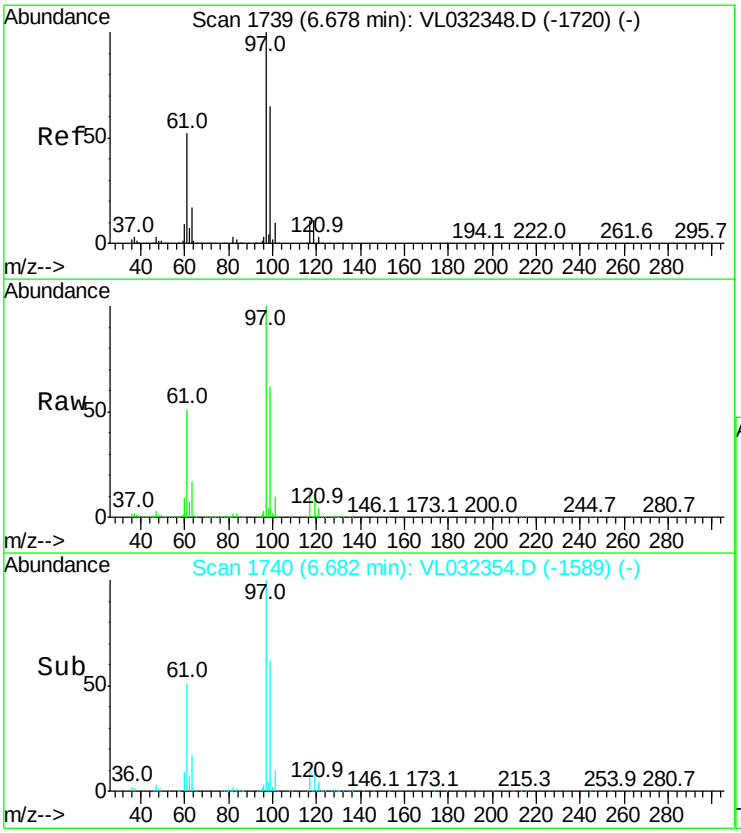
#31
cis-1,2-Dichloroethene
Concen: 15.346 ppbv
RT: 5.70 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 61 Resp: 3253919

Ion	Ratio	Lower	Upper
61	100		
96	62.6	49.8	74.6
98	38.6	31.8	47.6

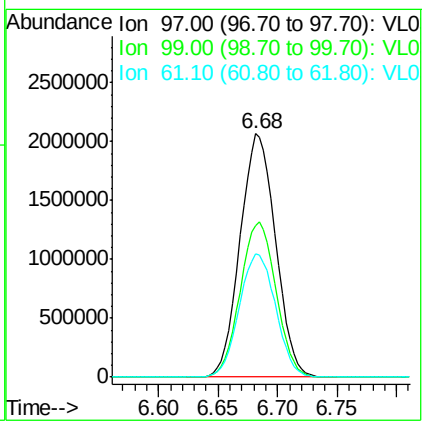


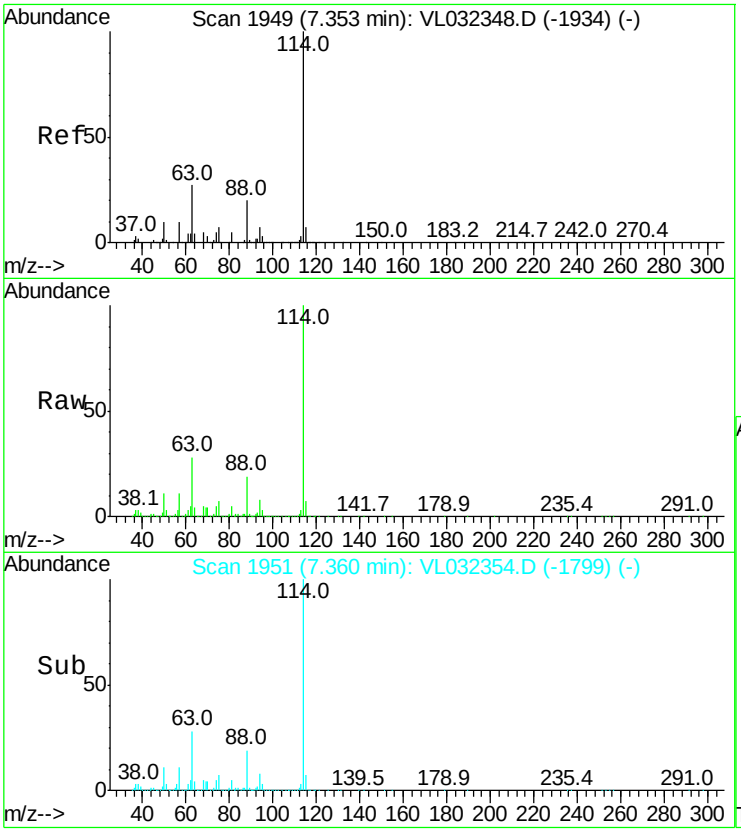


#32
1,1,1-Trichloroethane
Concen: 14.537 ppbv
RT: 6.68 min Scan# 1740
Delta R.T. -0.02 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Tgt Ion: 97 Resp: 4279855

Ion	Ratio	Lower	Upper
97	100		
99	64.1	50.9	76.3
61	51.9	41.8	62.6



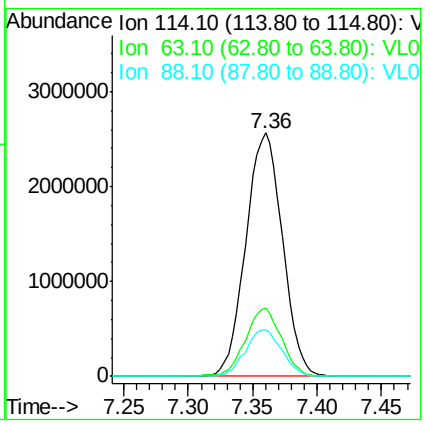


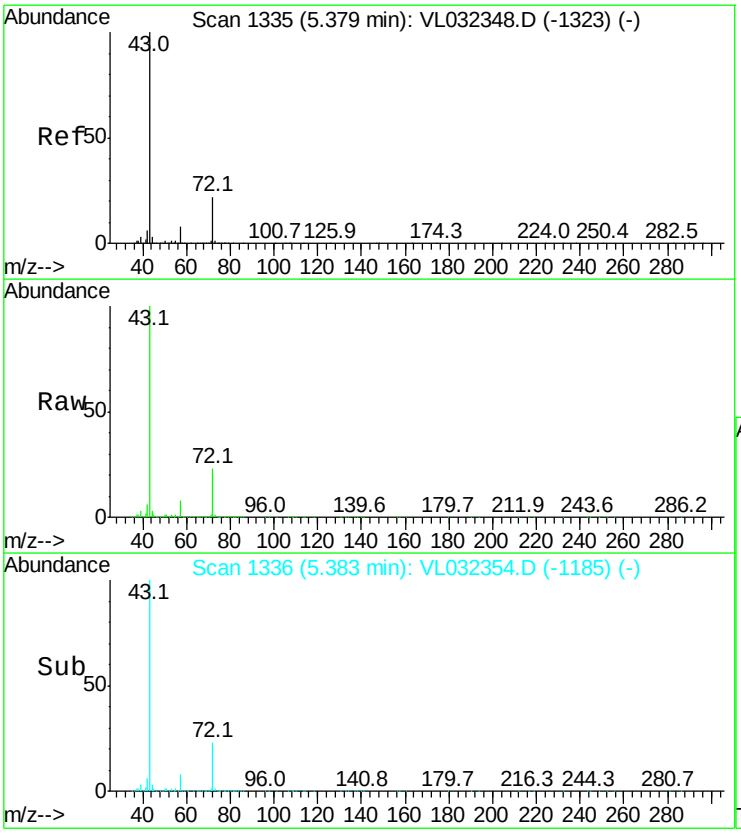
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.36 min Scan# 1951
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:114 Resp: 5079240

Ion	Ratio	Lower	Upper
114	100		
63	27.6	22.4	33.6
88	18.9	15.3	22.9

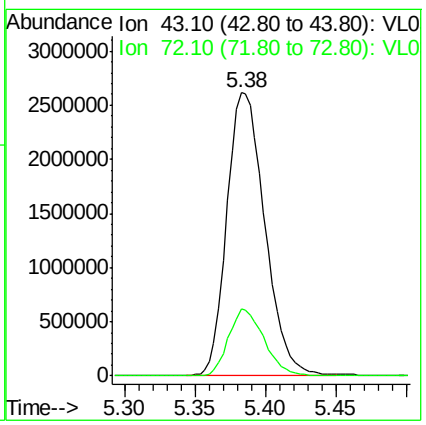


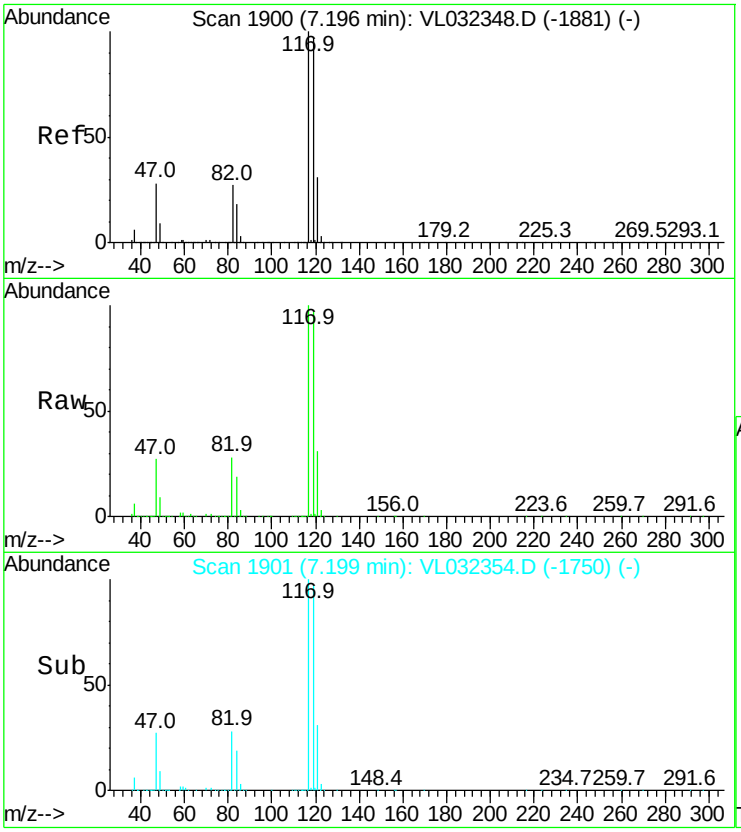


#34
2-Butanone
Concen: 14.971 ppbv
RT: 5.38 min Scan# 1336
Delta R.T. -0.02 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Tgt Ion: 43 Resp: 4921846

Ion	Ratio	Lower	Upper
43	100		
72	22.3	17.4	26.2



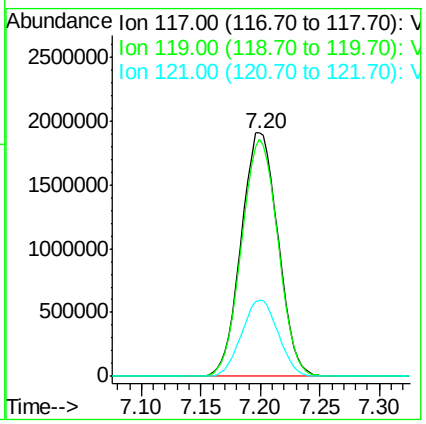


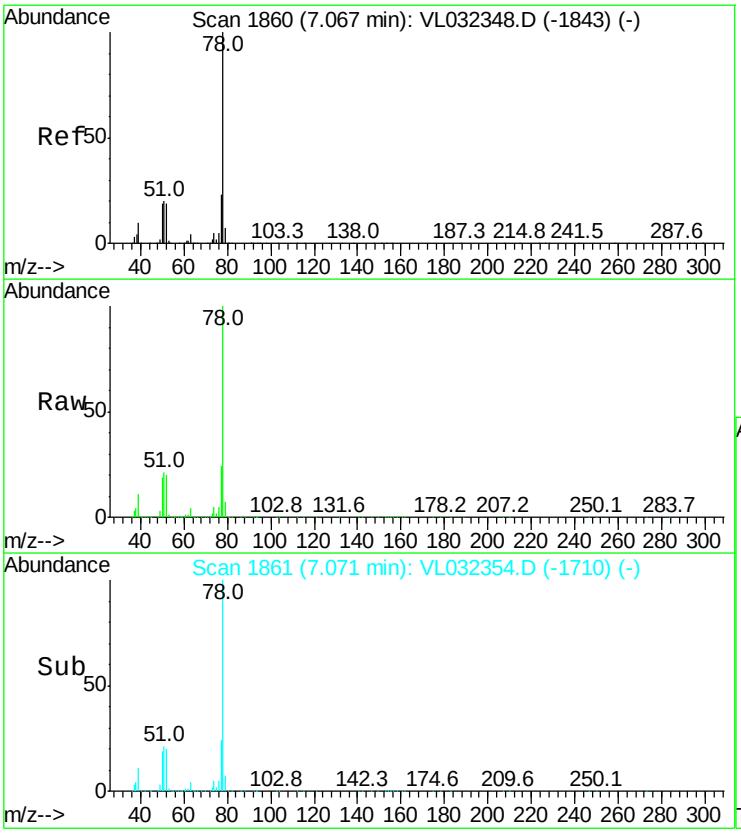
#35
Carbon Tetrachloride
Concen: 14.178 ppbv
RT: 7.20 min Scan# 1901
Delta R.T. -0.02 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion:117 Resp: 4090508

Ion	Ratio	Lower	Upper
117	100		
119	97.4	76.1	114.1
121	31.2	24.4	36.6

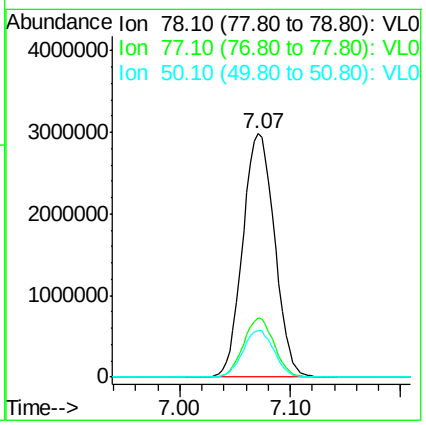


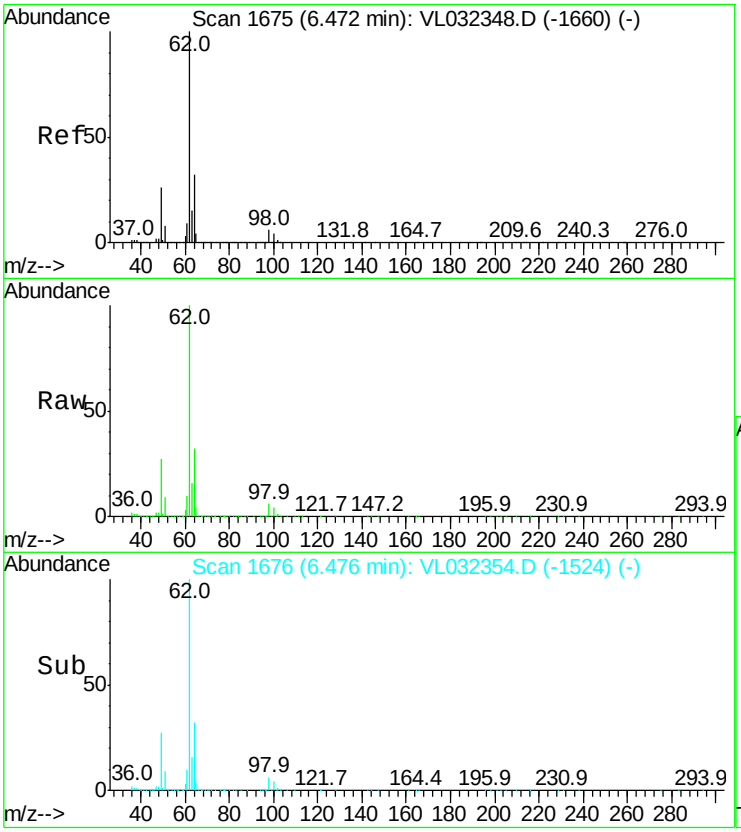


#36
Benzene
Concen: 13.338 ppbv
RT: 7.07 min Scan# 1861
Delta R.T. -0.02 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Tgt Ion: 78 Resp: 5971956

Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.4	27.6
50	19.2	15.3	22.9



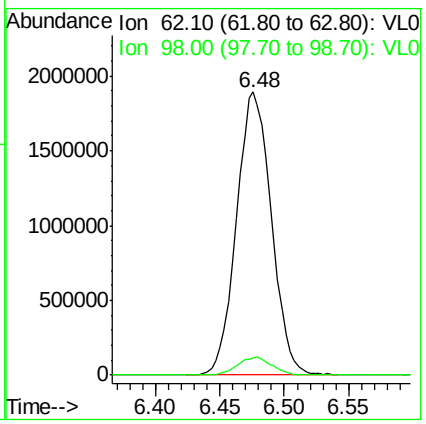


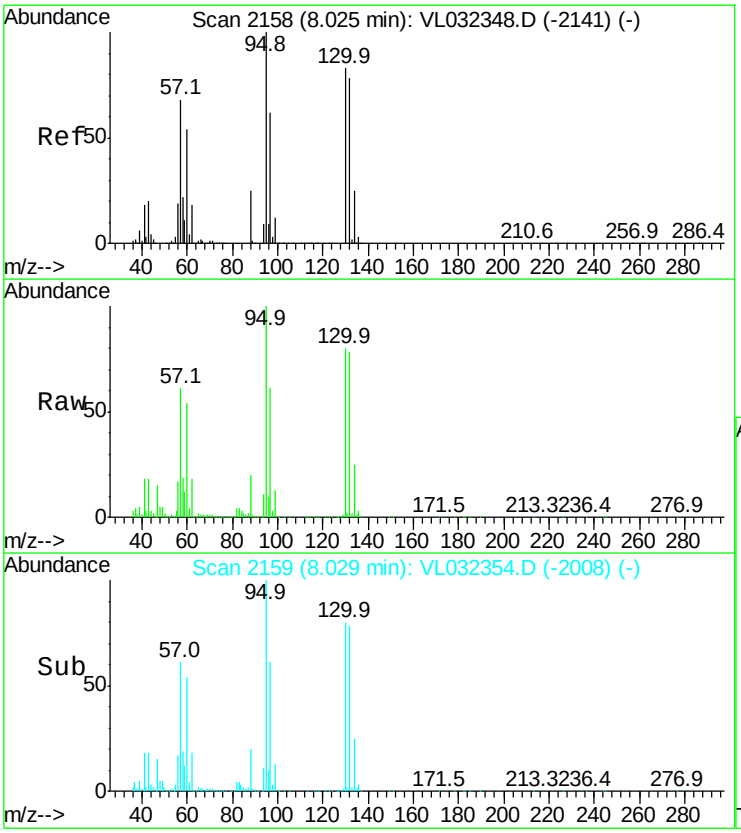
#37
1,2-Dichloroethane
Concen: 13.782 ppbv
RT: 6.48 min Scan# 1676
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 62 Resp: 3565527

Ion	Ratio	Lower	Upper
62	100		
98	6.2	5.1	7.7

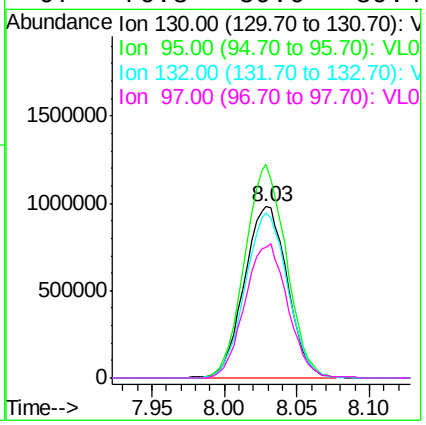


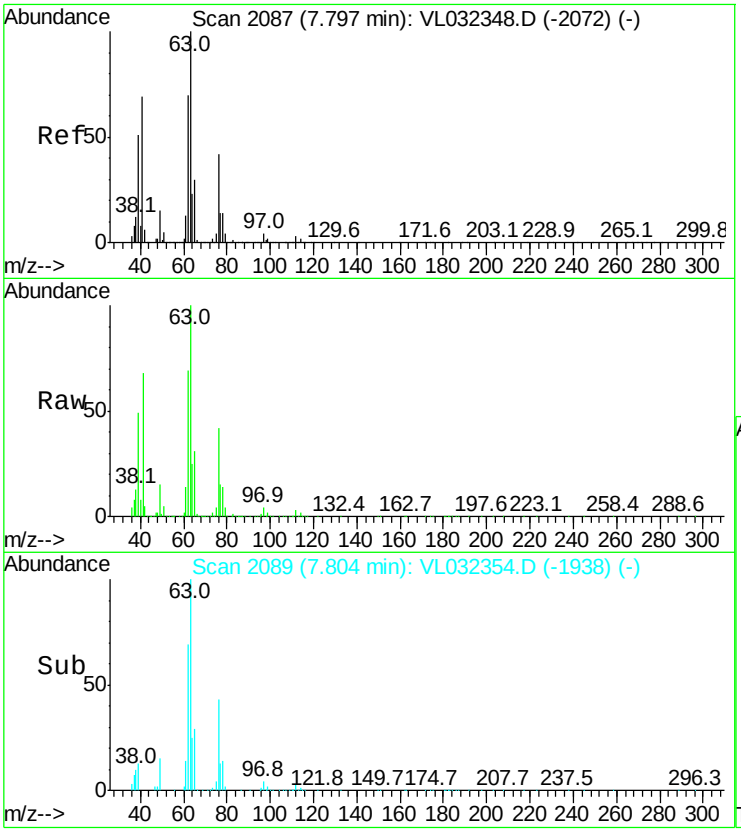


#38
Trichloroethene
Concen: 11.623 ppbv
RT: 8.03 min Scan# 2159
Delta R.T. -0.02 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Tgt Ion:130 Resp: 2011172

Ion	Ratio	Lower	Upper
130	100		
95	125.2	92.9	139.3
132	97.1	73.0	109.4
97	76.8	59.6	89.4



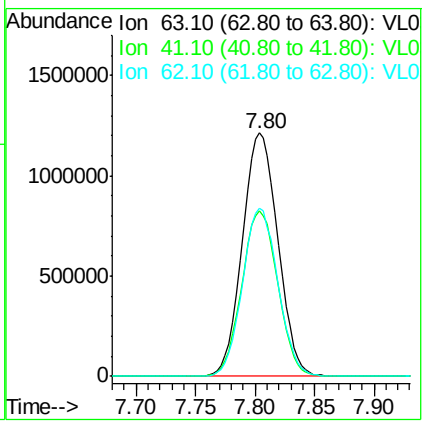


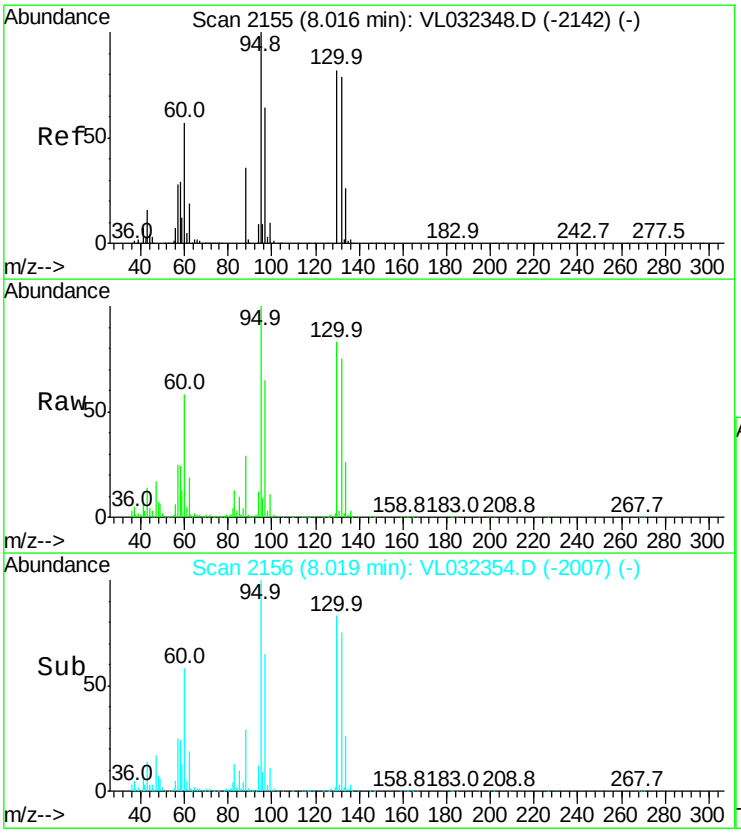
#39
1,2-Dichloropropane
Concen: 11.152 ppbv
RT: 7.80 min Scan# 2089
Delta R.T. -0.02 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 63 Resp: 2512067

Ion	Ratio	Lower	Upper
63	100		
41	68.0	52.5	78.7
62	68.9	54.6	81.8

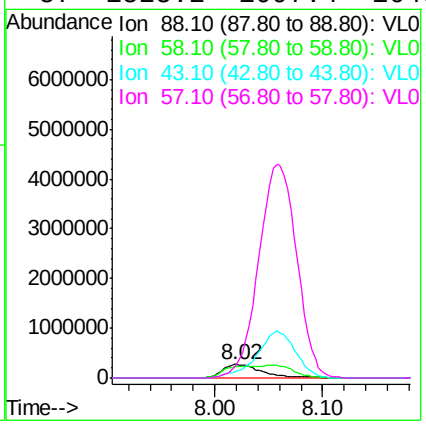


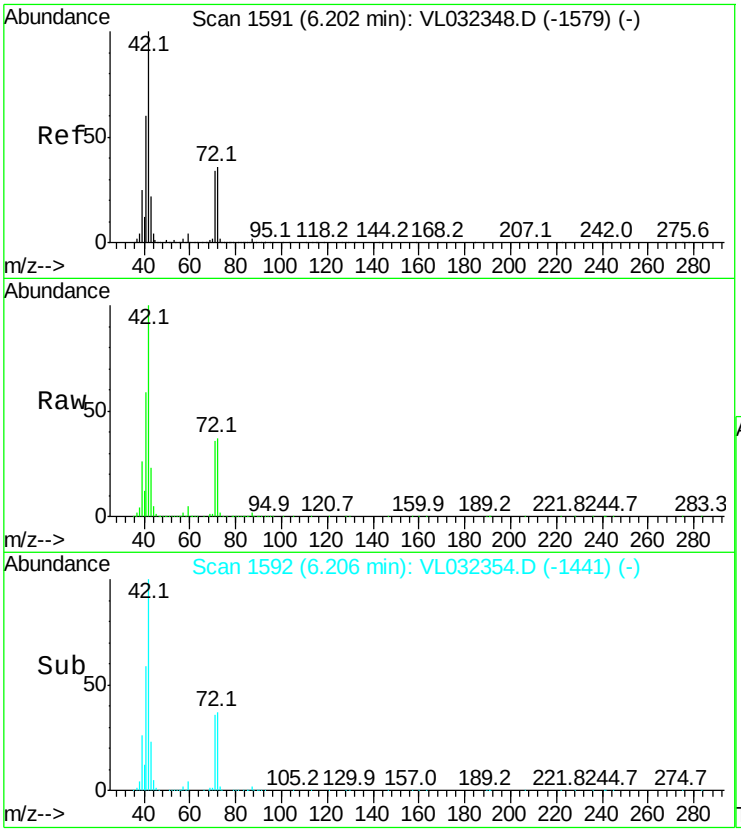


#40
1,4-Dioxane
Concen: 10.443 ppbv
RT: 8.02 min Scan# 2156
Delta R.T. -0.02 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Tgt Ion: 88 Resp: 690778

Ion	Ratio	Lower	Upper
88	100		
58	154.6	120.5	180.7
43	343.1	246.2	369.2
57	1525.2	1097.4	1646.2



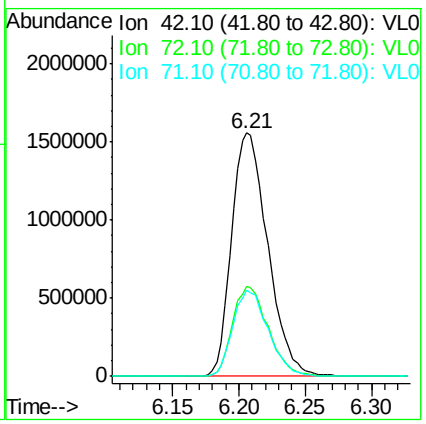


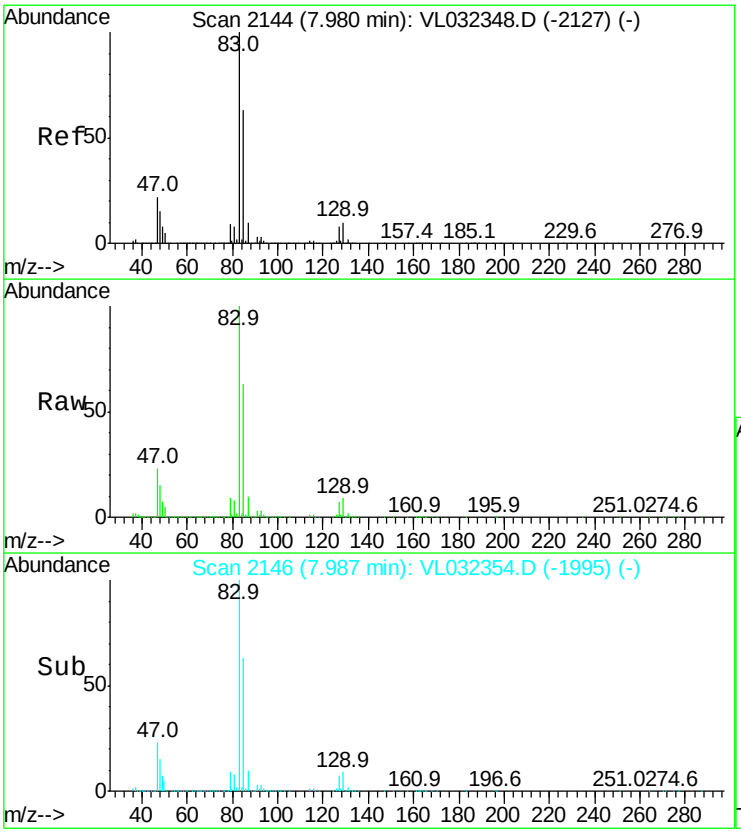
#41
Tetrahydrofuran
Concen: 15.847 ppbv
RT: 6.21 min Scan# 1592
Delta R.T. -0.02 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 42 Resp: 2946868

Ion	Ratio	Lower	Upper
42	100		
72	36.5	28.6	42.8
71	35.0	27.8	41.6

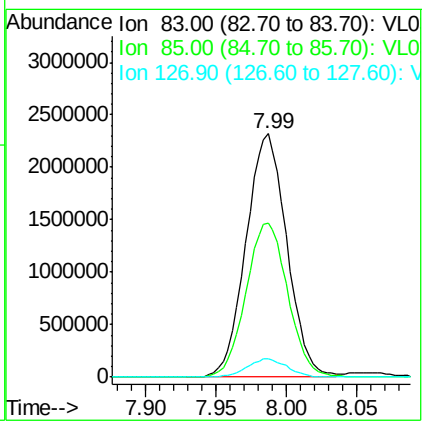


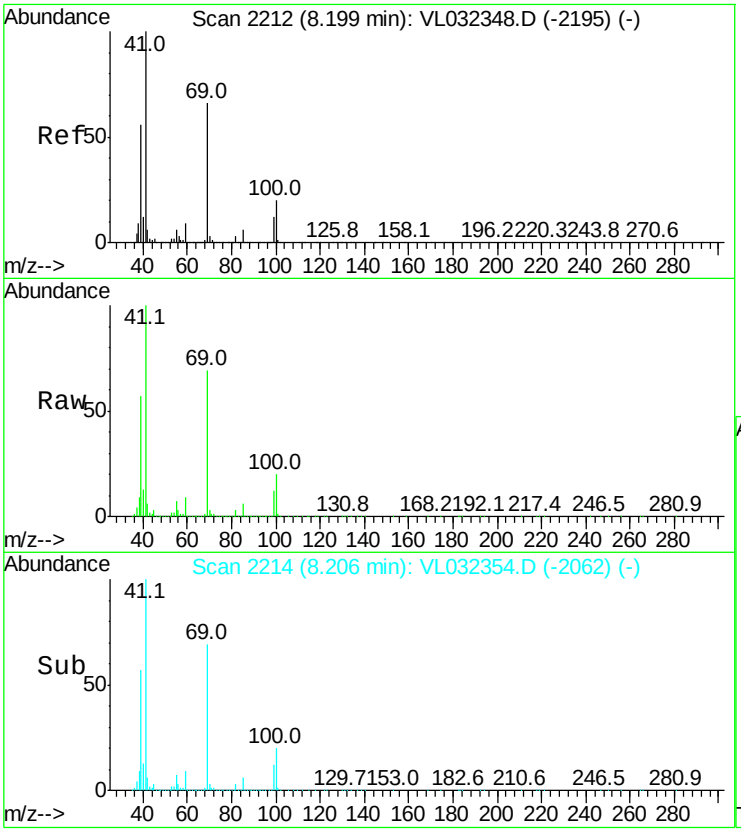


#42
Bromodichloromethane
Concen: 11.241 ppbv
RT: 7.99 min Scan# 2146
Delta R.T. -0.02 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Tgt Ion: 83 Resp: 4708097

Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.7	76.1
127	7.3	6.0	9.0



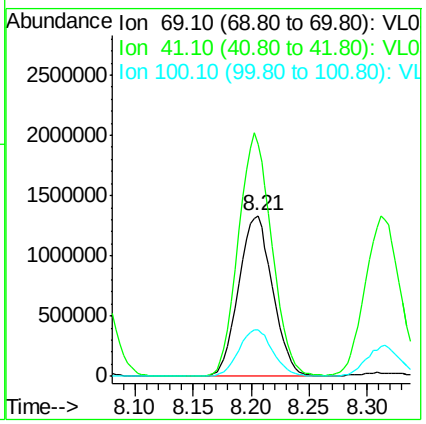


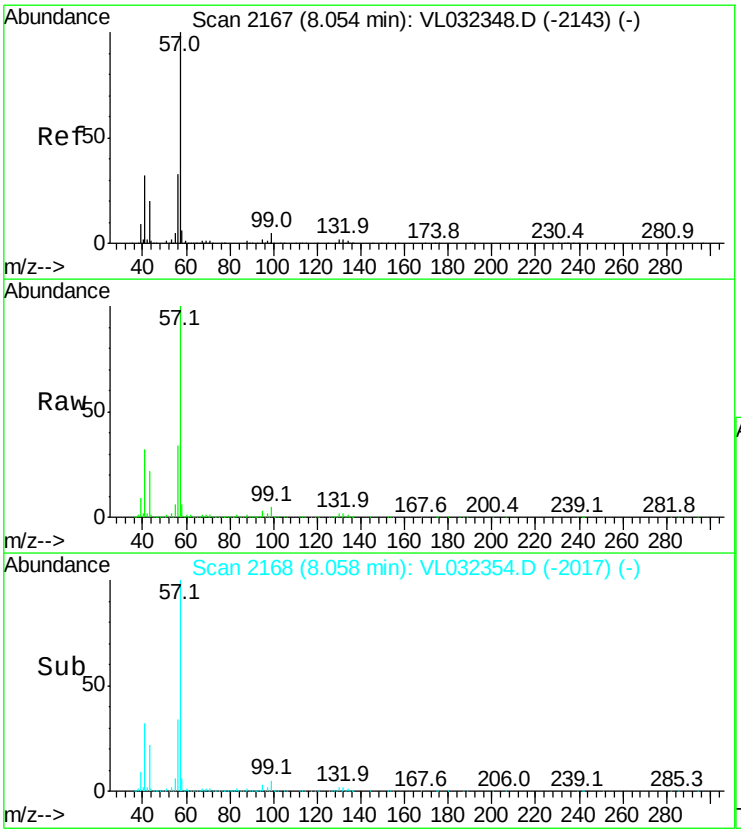
#43
Methyl Methacrylate
Concen: 12.635 ppbv
RT: 8.21 min Scan# 2214
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 69 Resp: 2715418

Ion	Ratio	Lower	Upper
69	100		
41	148.4	120.6	180.8
100	29.1	23.2	34.8

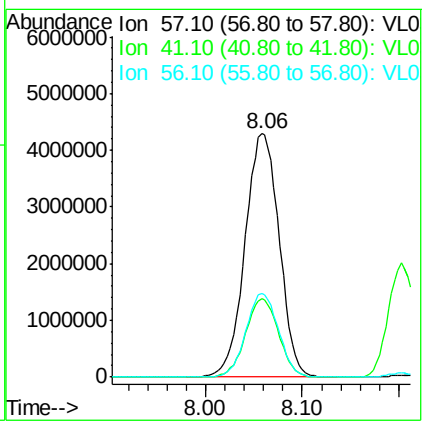


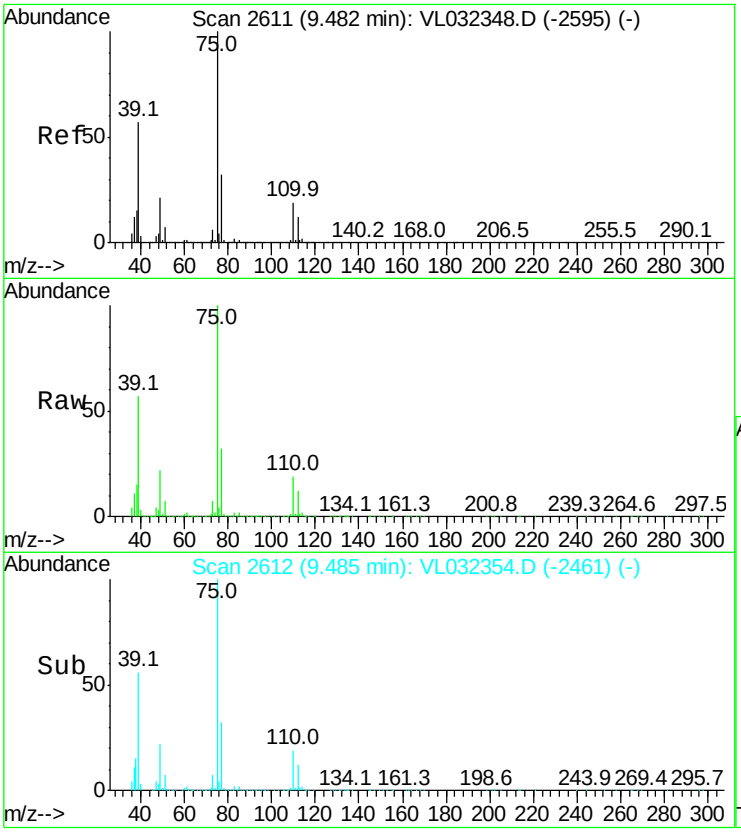


#44
2,2,4-Trimethylpentane
Concen: 10.838 ppbv
RT: 8.06 min Scan# 2168
Delta R.T. -0.02 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Tgt Ion: 57 Resp:10522771

Ion	Ratio	Lower	Upper
57	100		
41	31.0	24.3	36.5
56	32.7	25.4	38.2



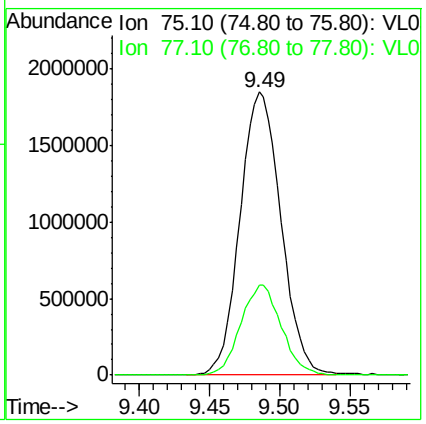


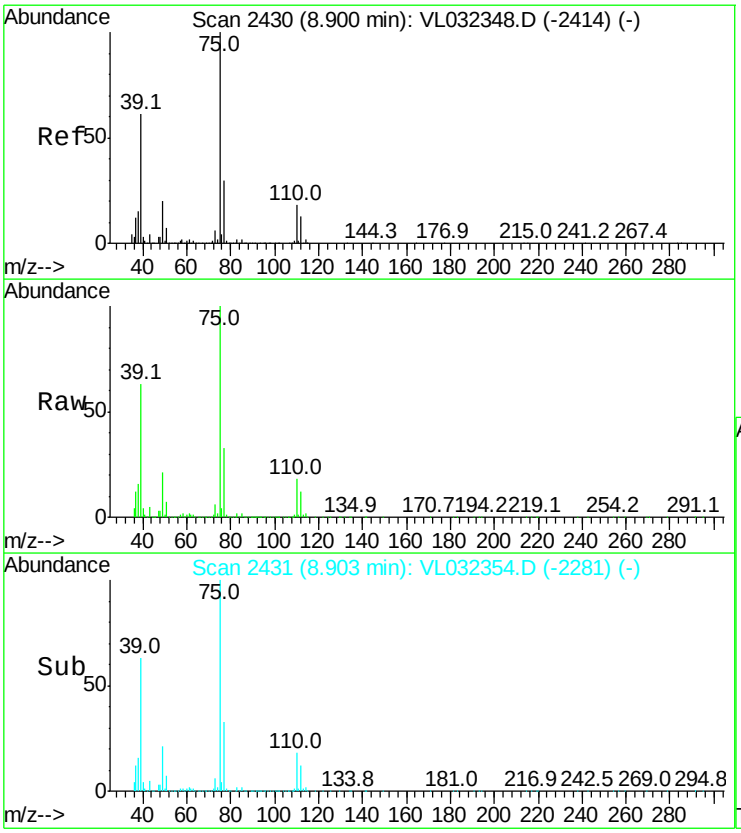
#45
t-1,3-Dichloropropene
Concen: 15.050 ppbv
RT: 9.49 min Scan# 2612
Delta R.T. -0.02 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 75 Resp: 3748033

Ion	Ratio	Lower	Upper
75	100		
77	31.6	26.2	39.4

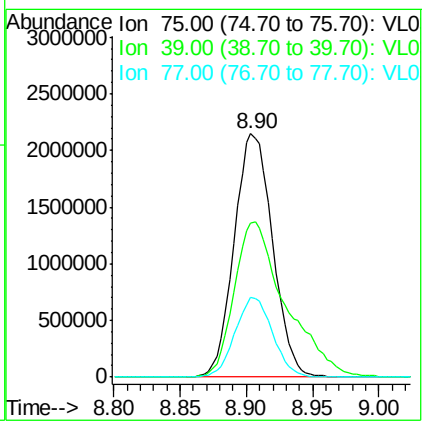


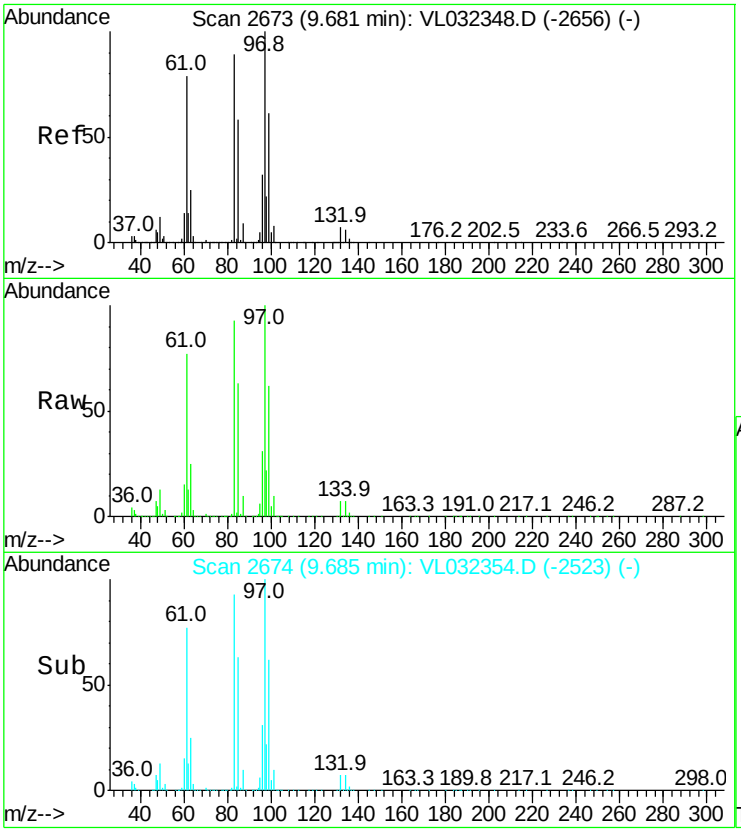


#46
cis-1,3-Dichloropropene
Concen: 14.175 ppbv
RT: 8.90 min Scan# 2431
Delta R.T. -0.02 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Tgt Ion: 75 Resp: 4325203

Ion	Ratio	Lower	Upper
75	100		
39	63.2	50.9	76.3
77	32.9	25.7	38.5



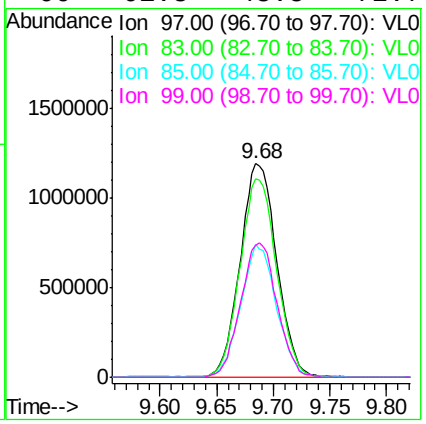


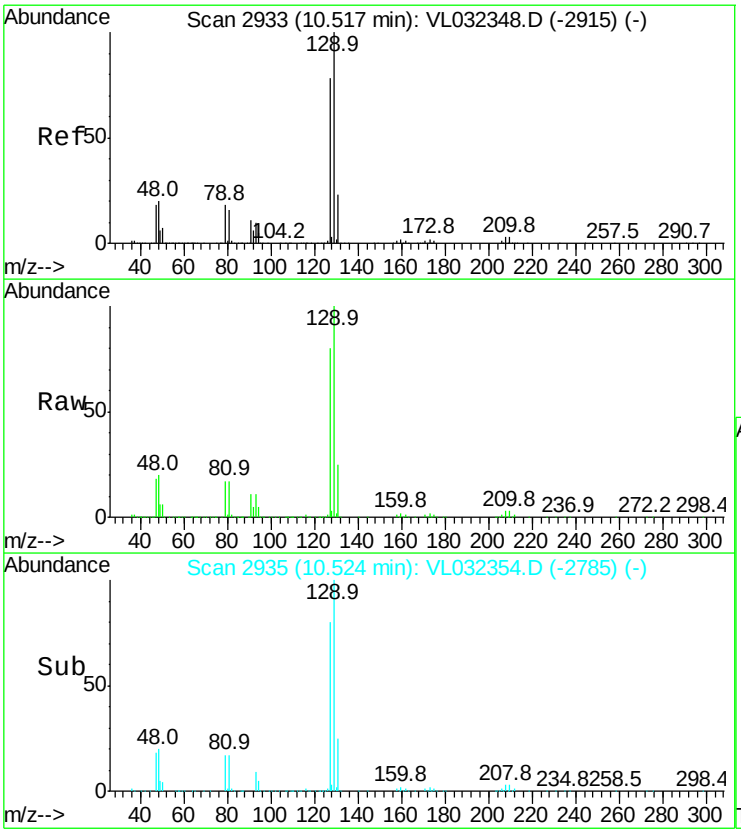
#47
1,1,2-Trichloroethane
Concen: 12.263 ppbv
RT: 9.68 min Scan# 2674
Delta R.T. -0.02 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 97 Resp: 2685088

Ion	Ratio	Lower	Upper
97	100		
83	92.6	73.0	109.6
85	62.2	48.1	72.1
99	61.8	48.5	72.7

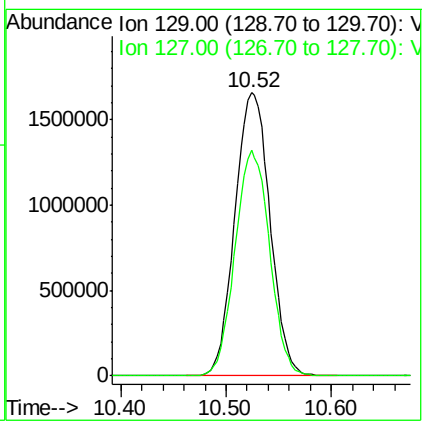


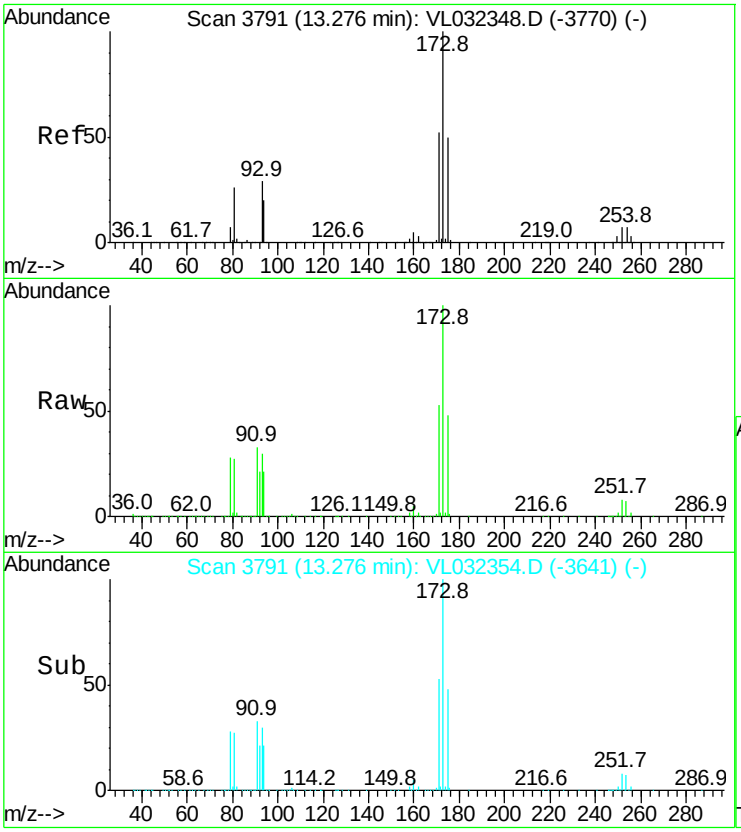


#48
Dibromochloromethane
Concen: 11.895 ppbv
RT: 10.52 min Scan# 2935
Delta R.T. -0.02 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Tgt Ion:129 Resp: 3838960

Ion	Ratio	Lower	Upper
129	100		
127	78.5	39.5	118.3



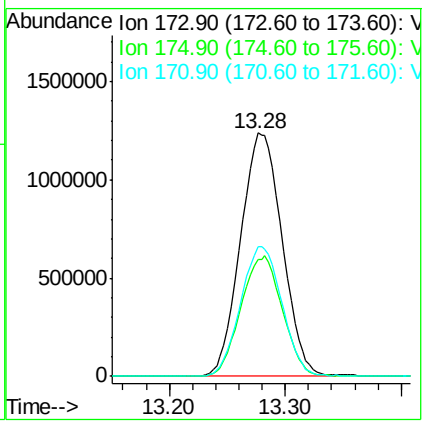


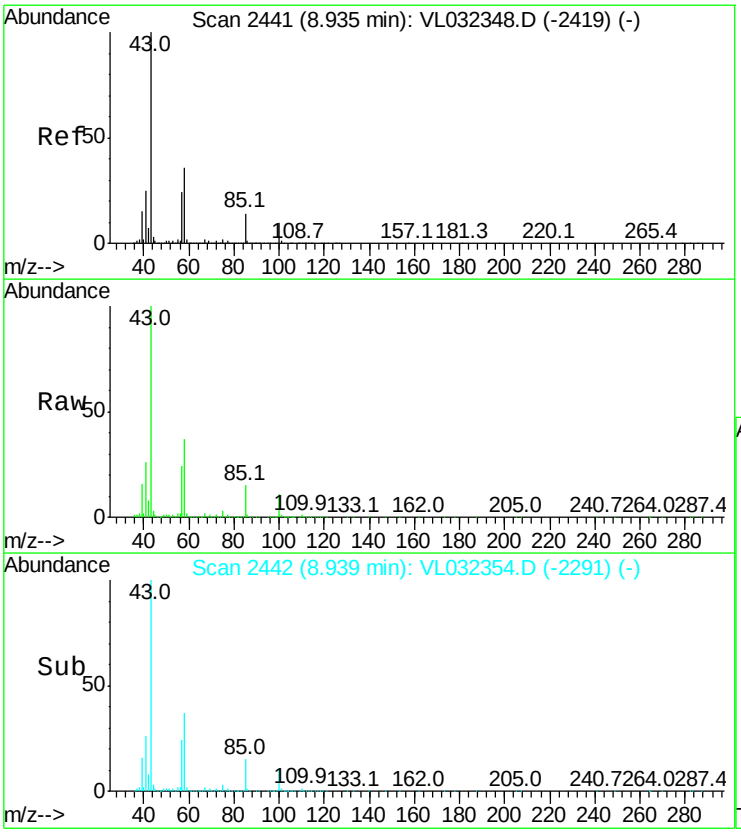
#49
Bromoform
Concen: 11.640 ppbv
RT: 13.28 min Scan# 3791
Delta R.T. -0.02 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:173 Resp: 3093607

Ion	Ratio	Lower	Upper
173	100		
175	49.3	38.9	58.3
171	53.3	42.2	63.2

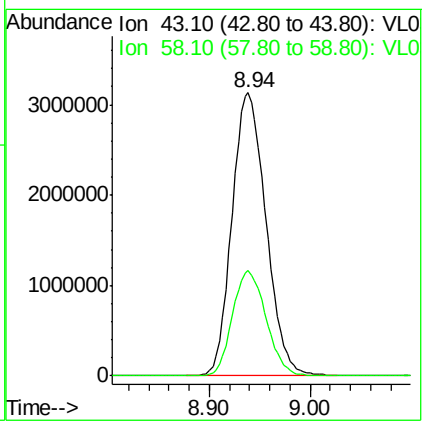


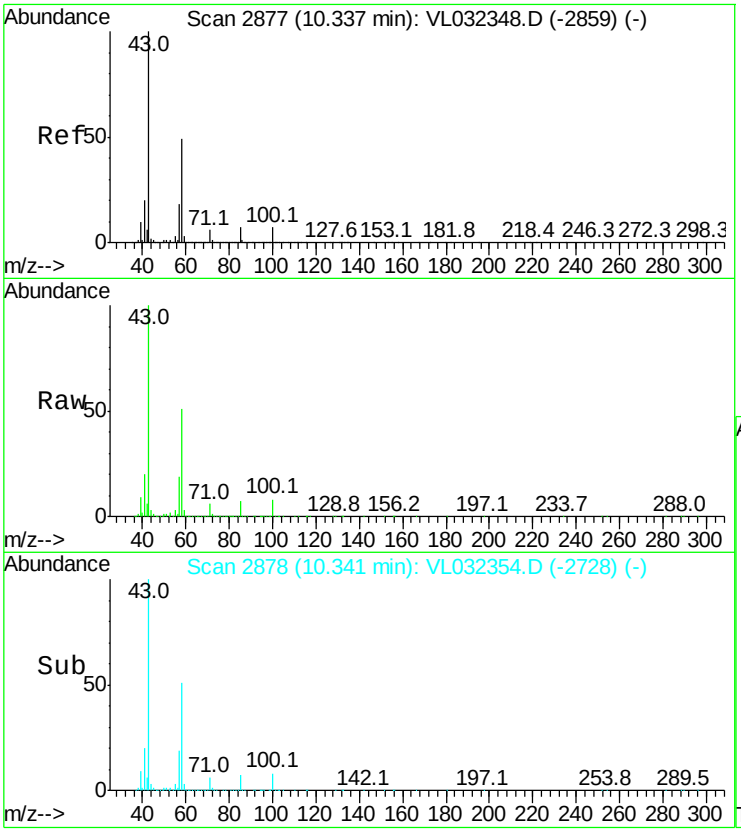


#50
4-Methyl-2-Pentanone
Concen: 12.616 ppbv
RT: 8.94 min Scan# 2442
Delta R.T. -0.02 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Tgt Ion: 43 Resp: 7318182

Ion	Ratio	Lower	Upper
43	100		
58	36.7	28.9	43.3



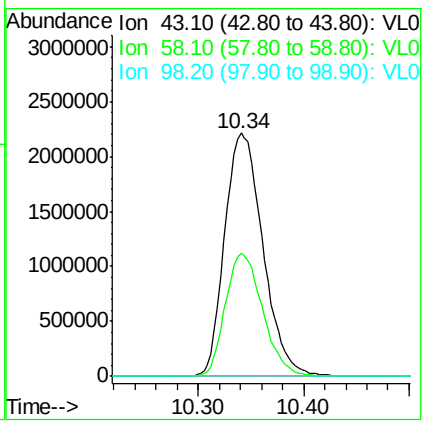


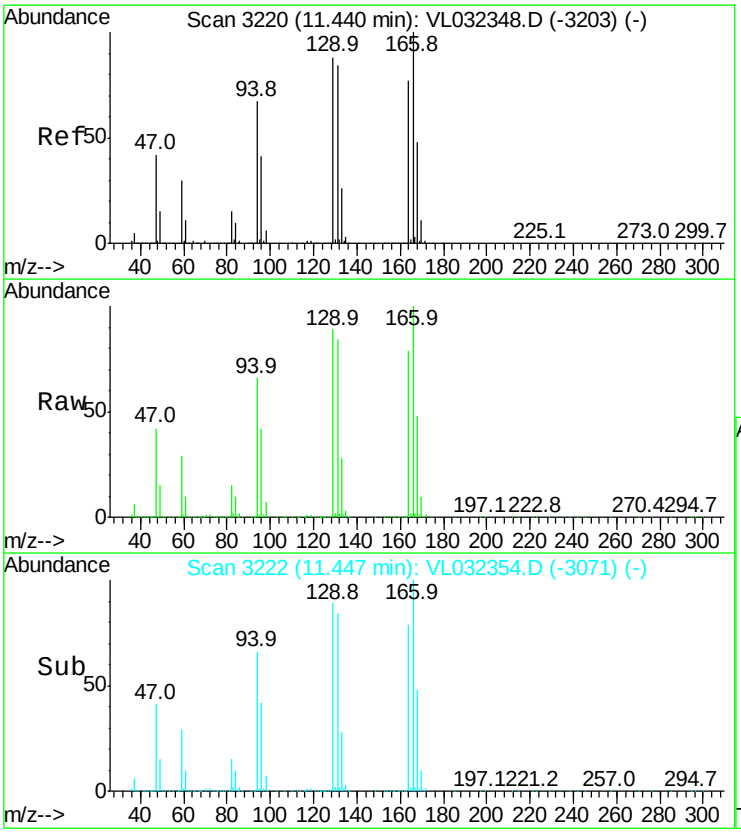
#51
2-Hexanone
Concen: 12.578 ppbv
RT: 10.34 min Scan# 2878
Delta R.T. -0.02 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 43 Resp: 5560133

Ion	Ratio	Lower	Upper
43	100		
58	49.5	39.1	58.7
98	0.2	0.3	0.5#

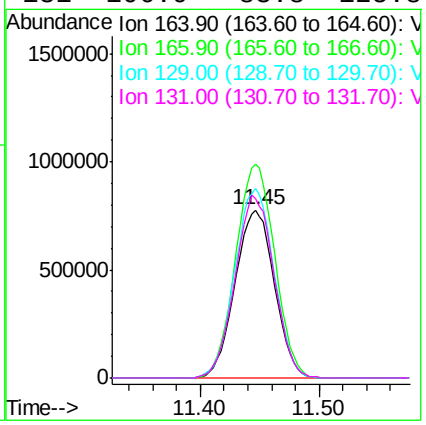


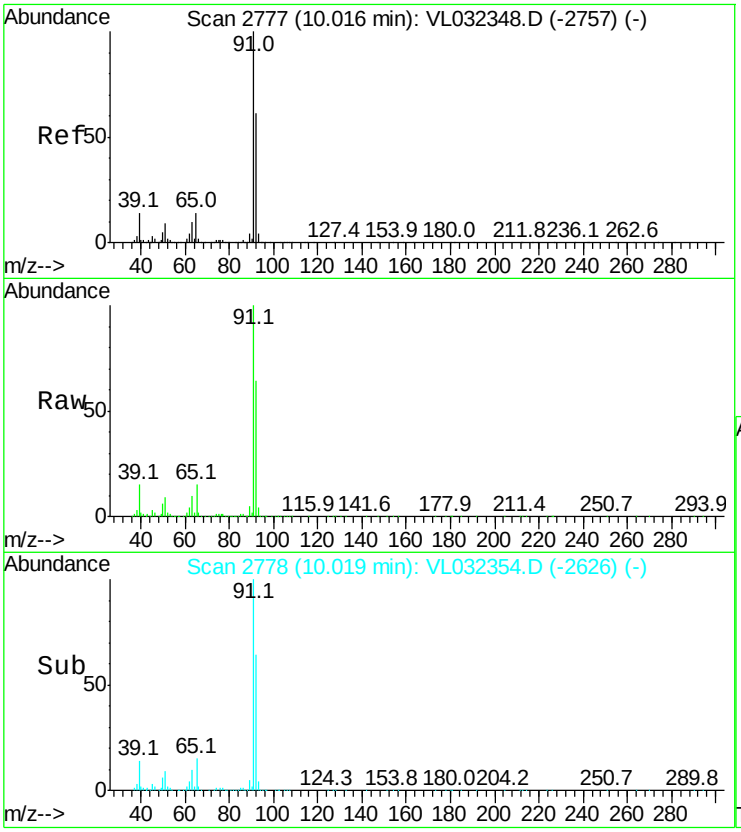


#52
Tetrachloroethene
Concen: 11.756 ppbv
RT: 11.45 min Scan# 3222
Delta R.T. -0.02 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Tgt Ion:164 Resp: 1773663

Ion	Ratio	Lower	Upper
164	100		
166	127.0	100.0	150.0
129	112.8	87.9	131.9
131	106.9	83.8	125.8



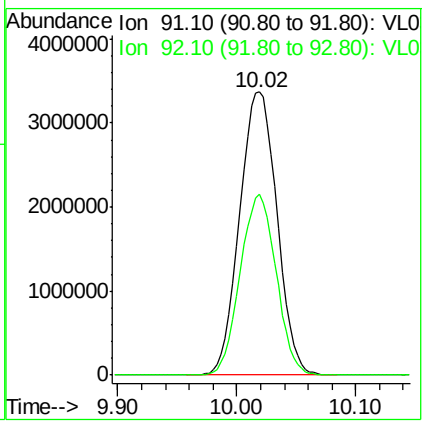


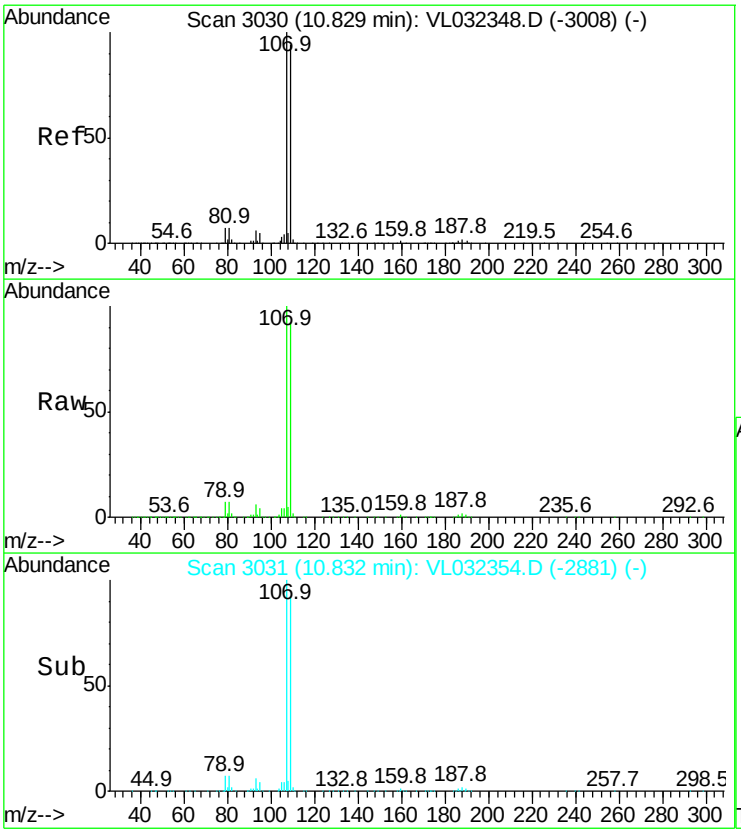
#53
Toluene
Concen: 13.683 ppbv
RT: 10.02 min Scan# 2778
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 7323573

Ion	Ratio	Lower	Upper
91	100		
92	61.6	48.6	72.8

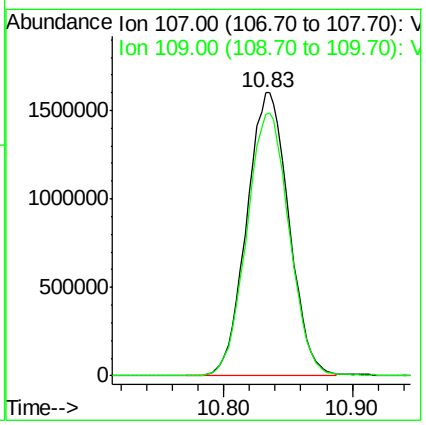


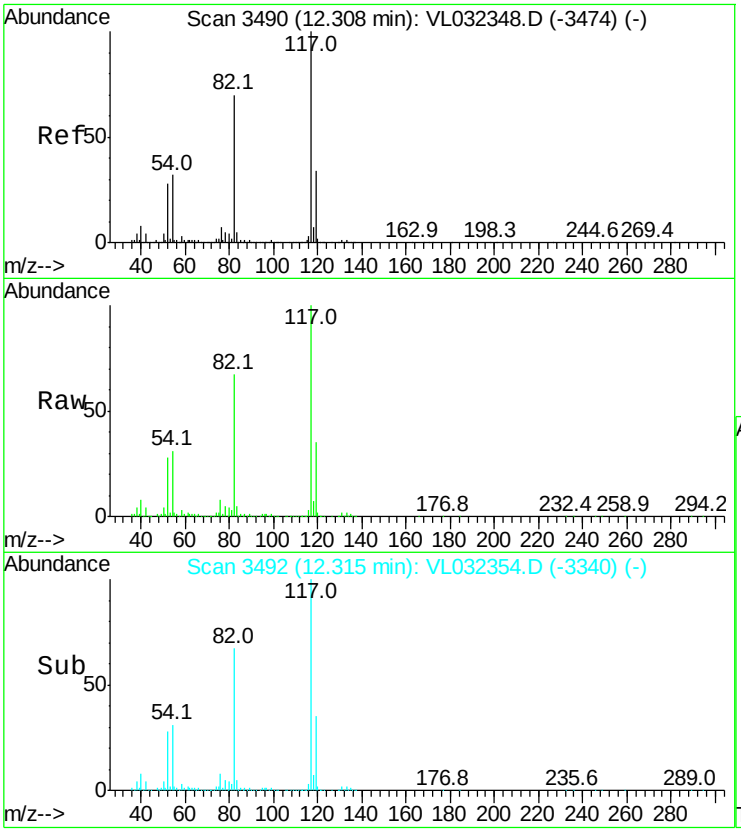


#54
1,2-Dibromoethane
Concen: 11.719 ppbv
RT: 10.83 min Scan# 3031
Delta R.T. -0.02 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Tgt Ion:107 Resp: 3646165

Ion	Ratio	Lower	Upper
107	100		
109	92.2	74.1	111.1



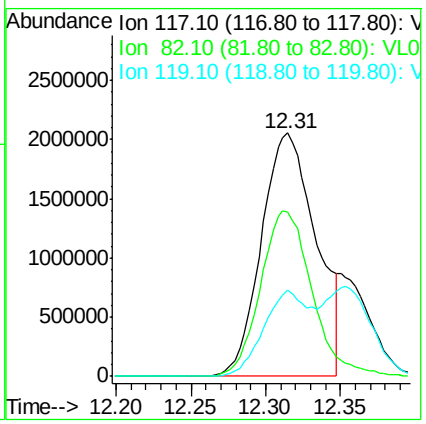


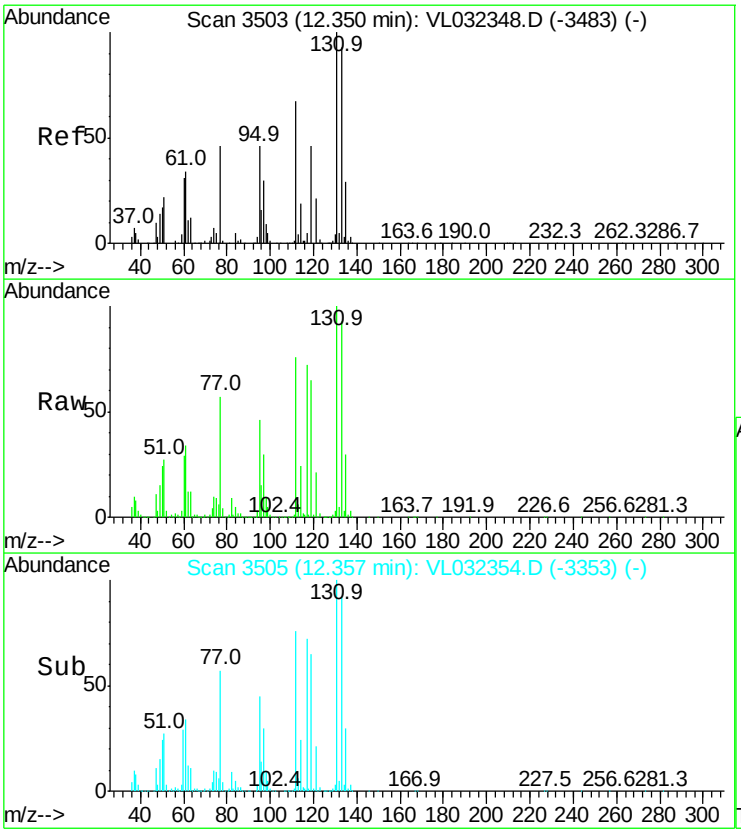
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.31 min Scan# 3492
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion:117 Resp: 5209364

Ion	Ratio	Lower	Upper
117	100		
82	64.2	52.6	78.8
119	26.2	25.7	38.5

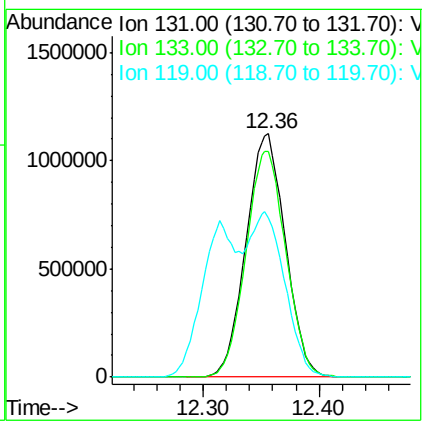


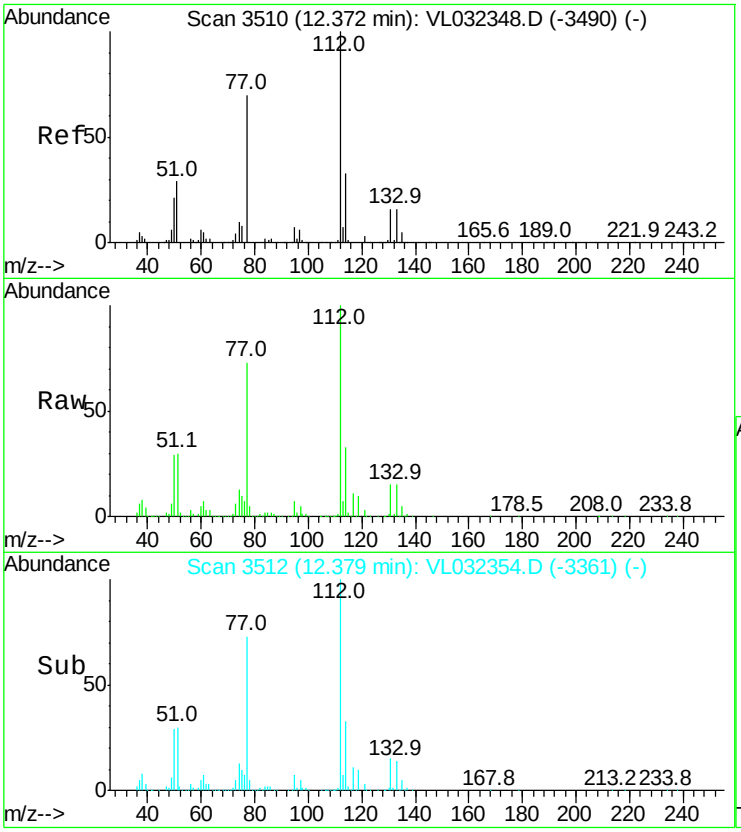


#56
1,1,1,2-Tetrachloroethane
Concen: 12.336 ppbv
RT: 12.36 min Scan# 3505
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Tgt Ion:131 Resp: 2649784

Ion	Ratio	Lower	Upper
131	100		
133	94.4	75.8	113.6
119	66.1	48.1	72.1



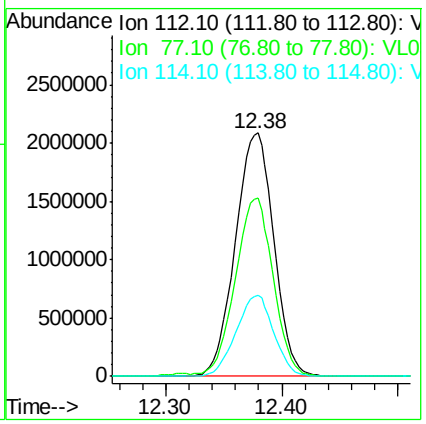


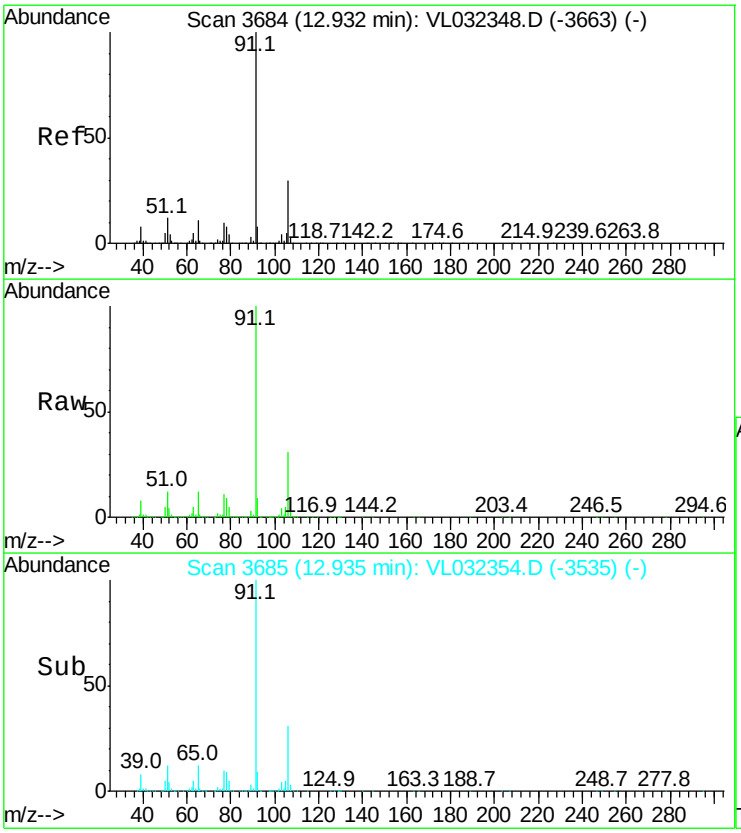
#57
Chlorobenzene
Concen: 11.840 ppbv
RT: 12.38 min Scan# 3512
Delta R.T. -0.02 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:112 Resp: 4795967

Ion	Ratio	Lower	Upper
112	100		
77	72.9	56.5	84.7
114	33.2	28.4	34.7

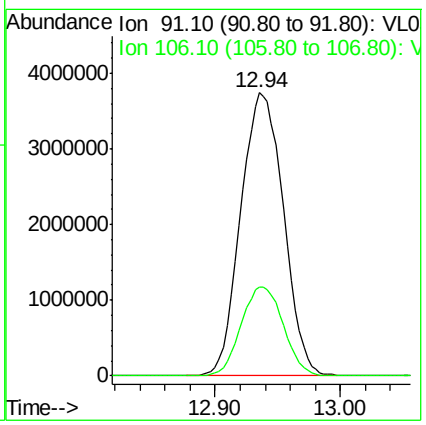


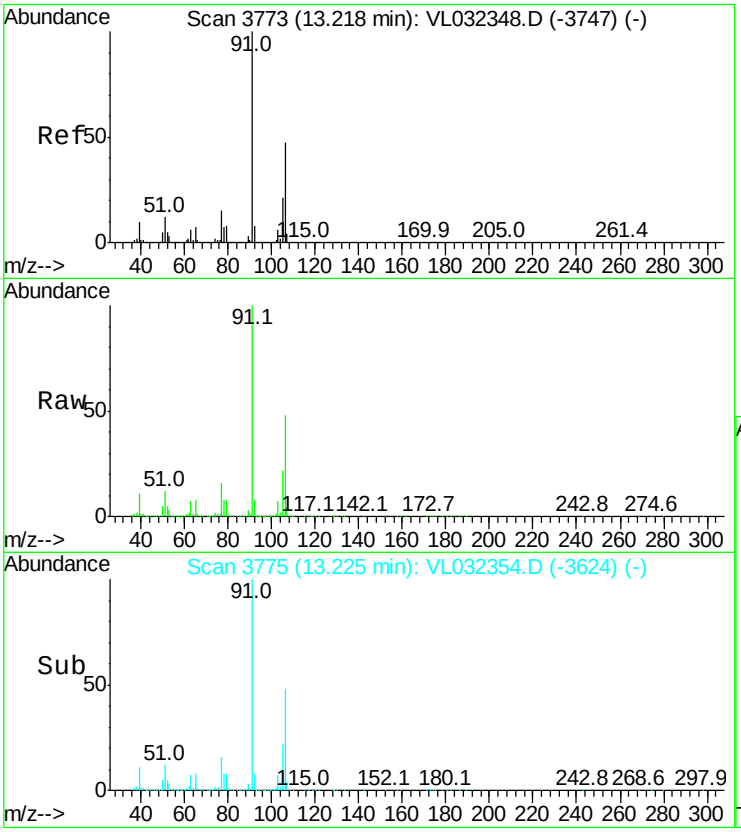


#58
Ethyl Benzene
Concen: 13.552 ppbv
RT: 12.94 min Scan# 3685
Delta R.T. -0.02 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Tgt Ion: 91 Resp: 8850739

Ion	Ratio	Lower	Upper
91	100		
106	31.2	25.0	37.4



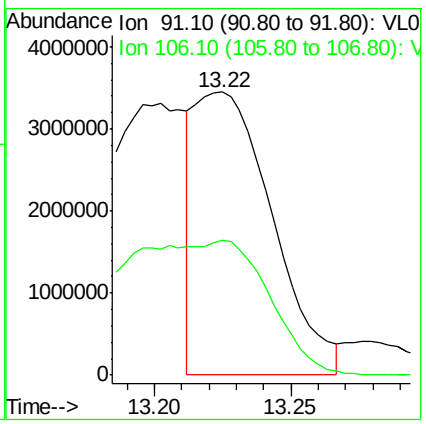


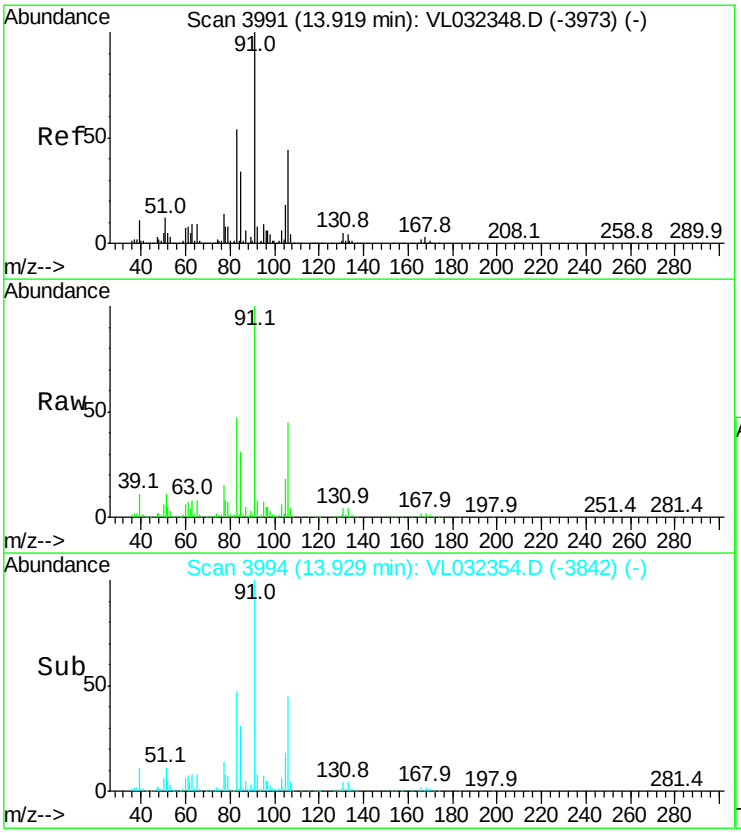
#59
m/p-Xylene
Concen: 12.130 ppbv
RT: 13.22 min Scan# 3775
Delta R.T. -0.02 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 6744901

Ion	Ratio	Lower	Upper
91	100		
106	97.2	36.4	54.6#

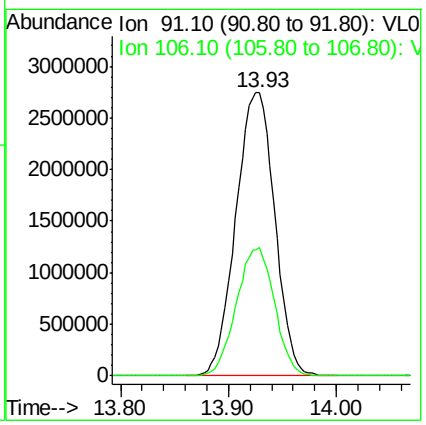


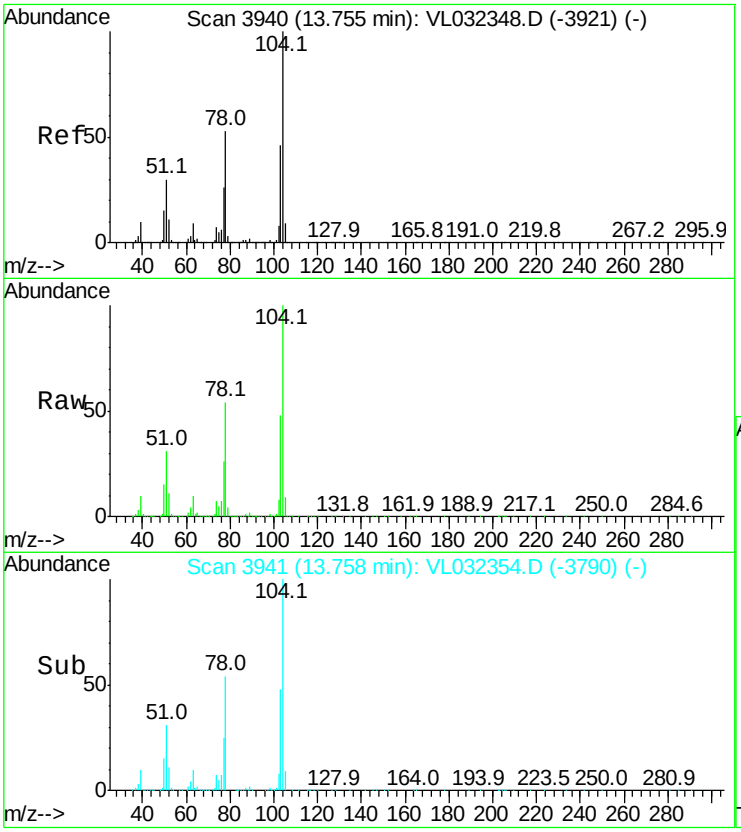


#60
o-Xylene
Concen: 12.600 ppbv
RT: 13.93 min Scan# 3994
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Tgt Ion: 91 Resp: 6868751

Ion	Ratio	Lower	Upper
91	100		
106	44.6	22.4	67.0



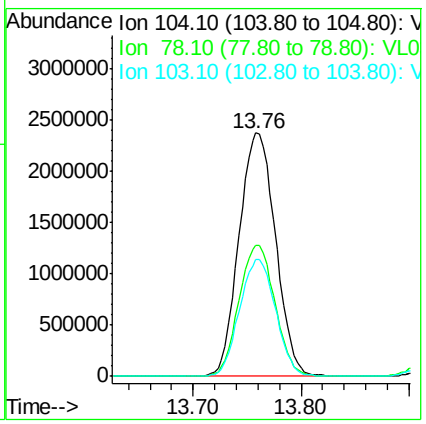


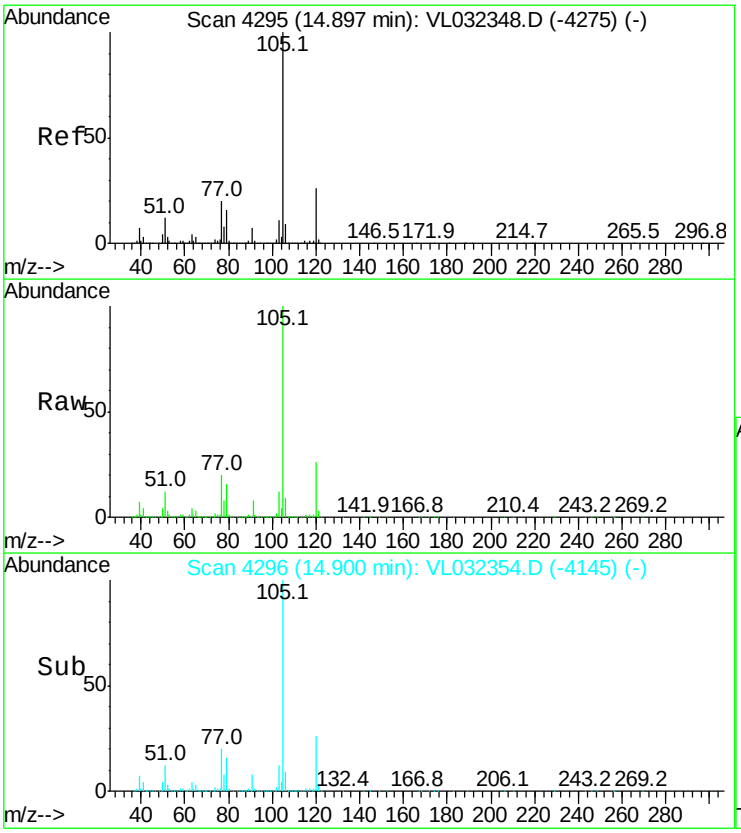
#61
Styrene
Concen: 13.912 ppbv
RT: 13.76 min Scan# 3941
Delta R.T. -0.02 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:104 Resp: 5582018

Ion	Ratio	Lower	Upper
104	100		
78	53.2	42.6	63.8
103	47.7	38.0	57.0

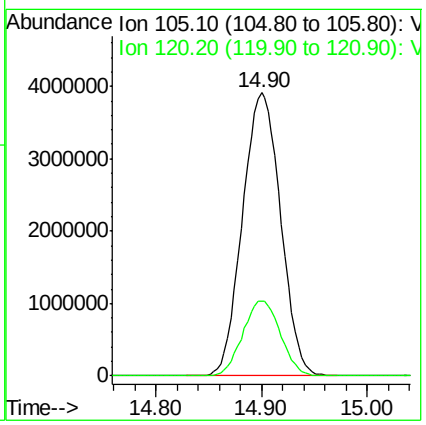


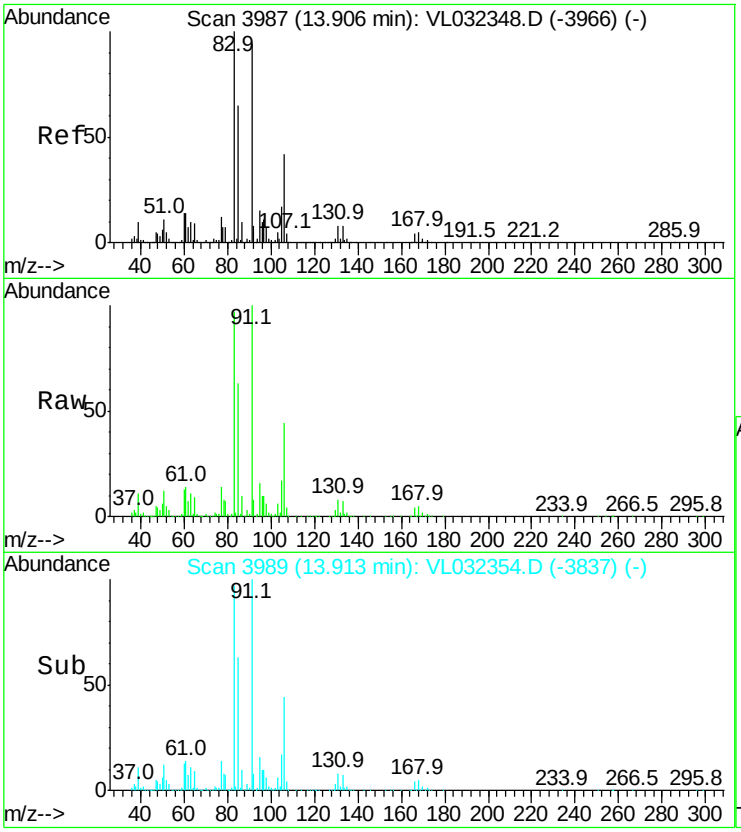


#62
Isopropylbenzene
Concen: 12.690 ppbv
RT: 14.90 min Scan# 4296
Delta R.T. -0.02 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Tgt Ion:105 Resp: 9828666

Ion	Ratio	Lower	Upper
105	100		
120	26.2	20.4	30.6



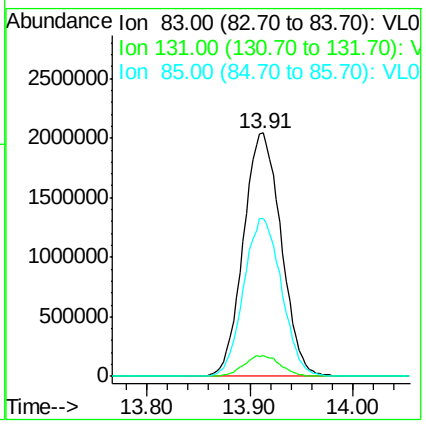


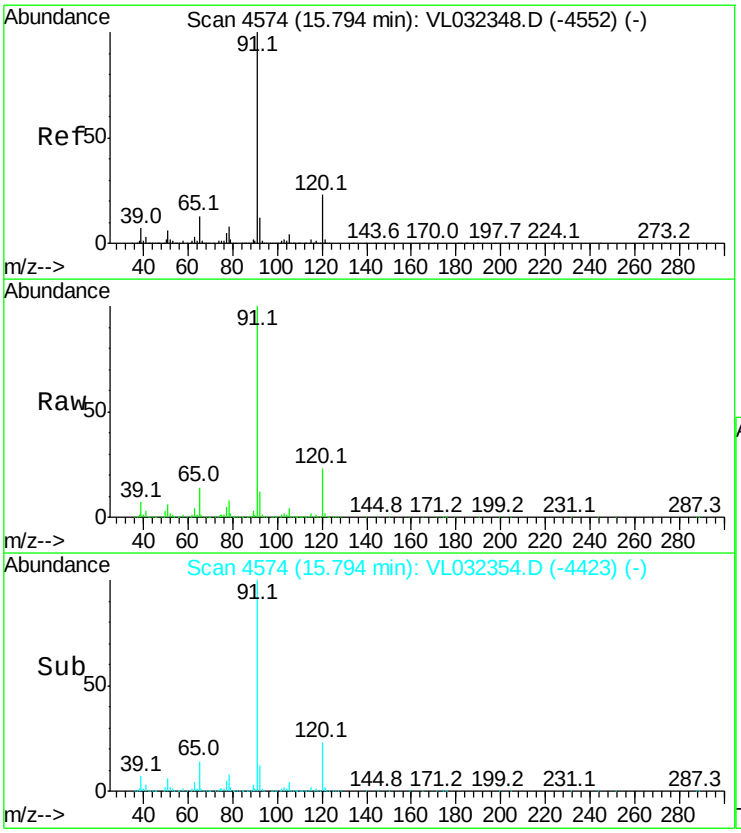
#63
1,1,2,2-Tetrachloroethane
Concen: 11.696 ppbv
RT: 13.91 min Scan# 3989
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 83 Resp: 5188675

Ion	Ratio	Lower	Upper
83	100		
131	8.4	4.3	12.8
85	65.2	32.6	97.7

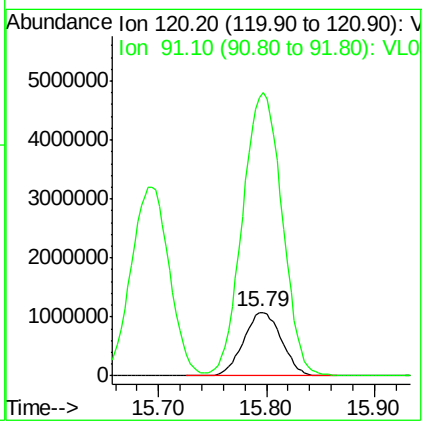


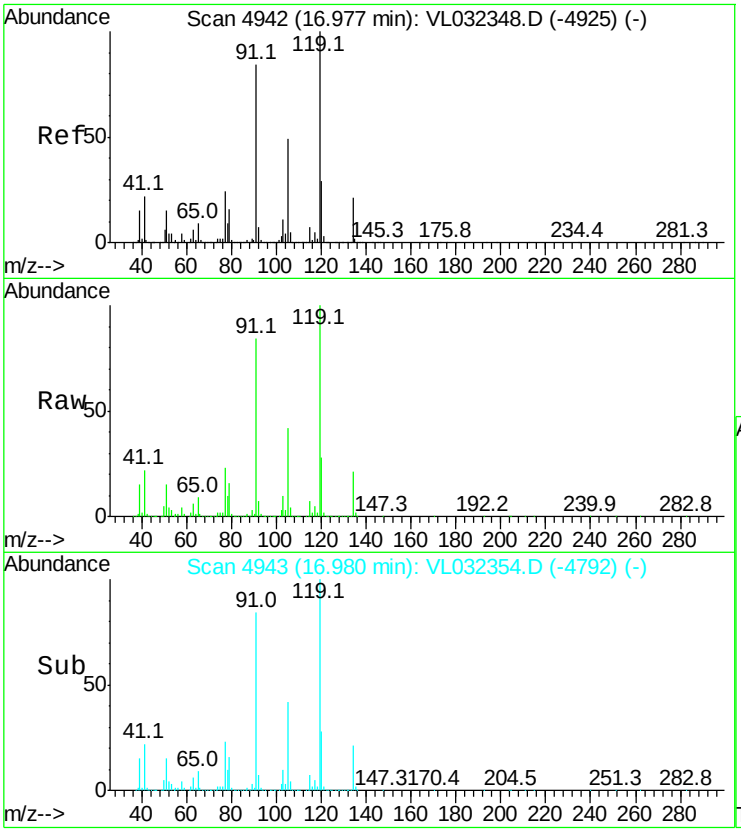


#64
n-propylbenzene
Concen: 13.136 ppbv
RT: 15.79 min Scan# 4574
Delta R.T. -0.02 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Tgt Ion:120 Resp: 2648757

Ion	Ratio	Lower	Upper
120	100		
91	464.3	381.8	572.8



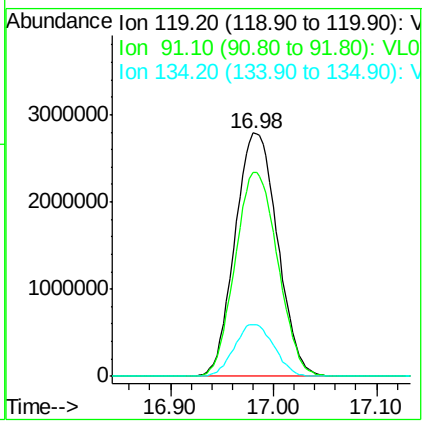


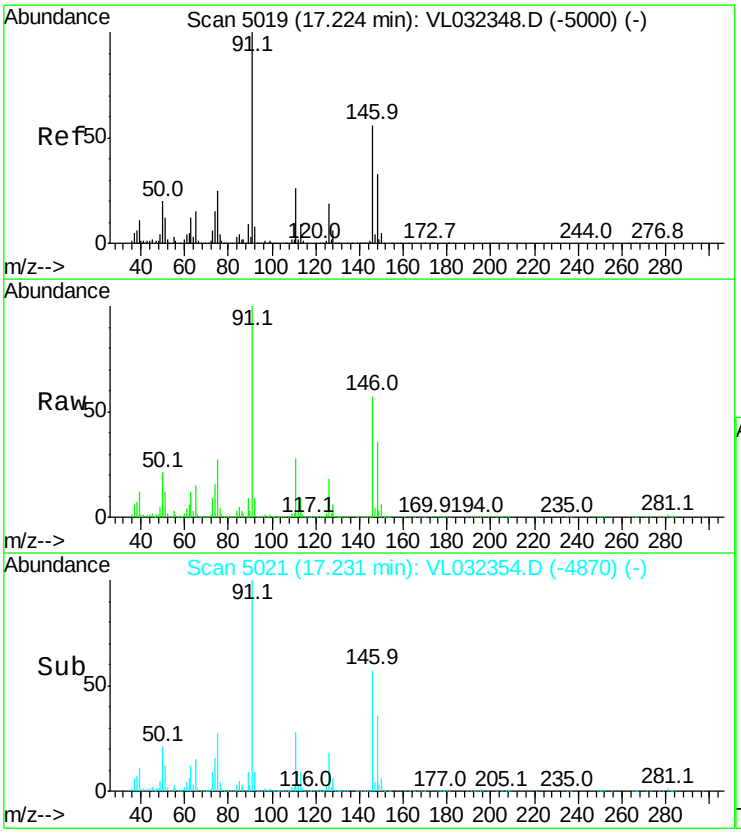
#65
tert-Butylbenzene
Concen: 12.208 ppbv
RT: 16.98 min Scan# 4943
Delta R.T. -0.02 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion:119 Resp: 7988174

Ion	Ratio	Lower	Upper
119	100		
91	84.3	67.5	101.3
134	19.9	15.8	23.6

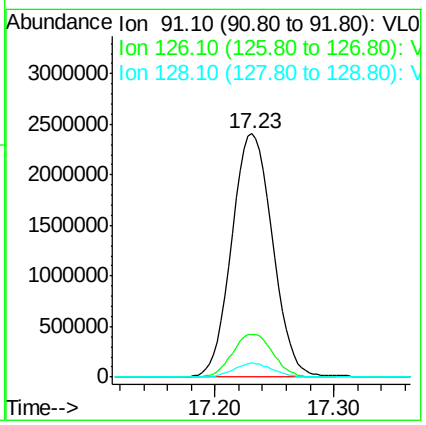


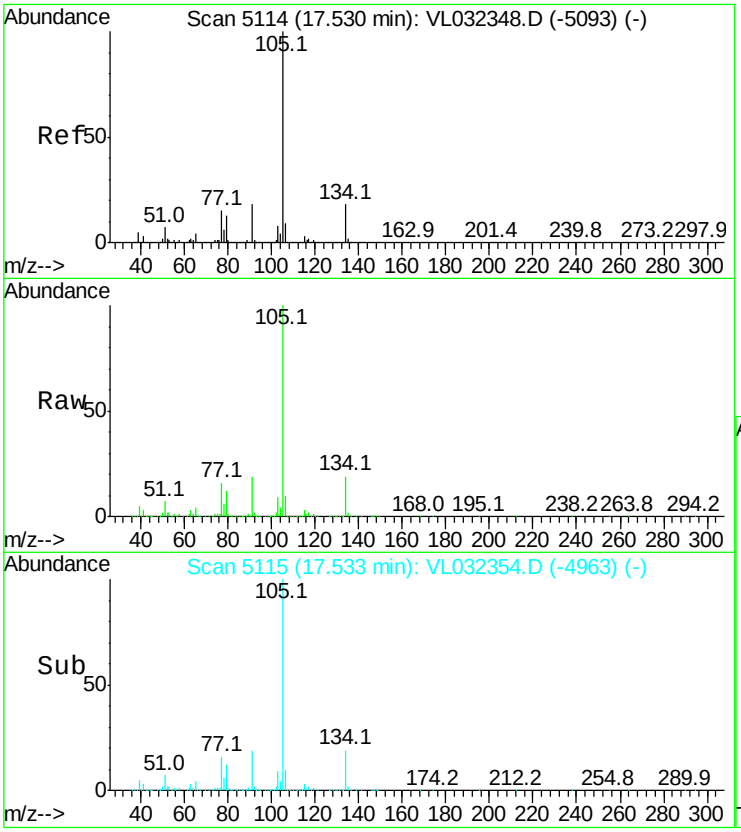


#66
Benzyl Chloride
Concen: 14.645 ppbv
RT: 17.23 min Scan# 5021
Delta R.T. -0.02 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Tgt Ion: 91 Resp: 5711627

Ion	Ratio	Lower	Upper
91	100		
126	17.6	13.7	20.5
128	5.5	4.3	6.5



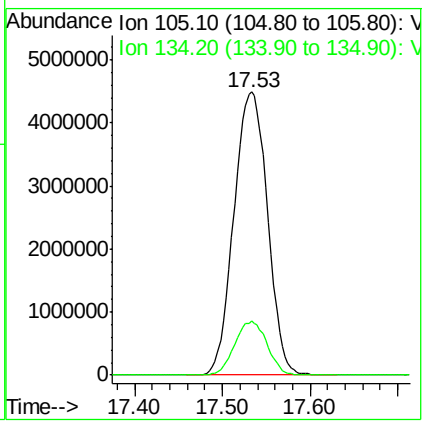


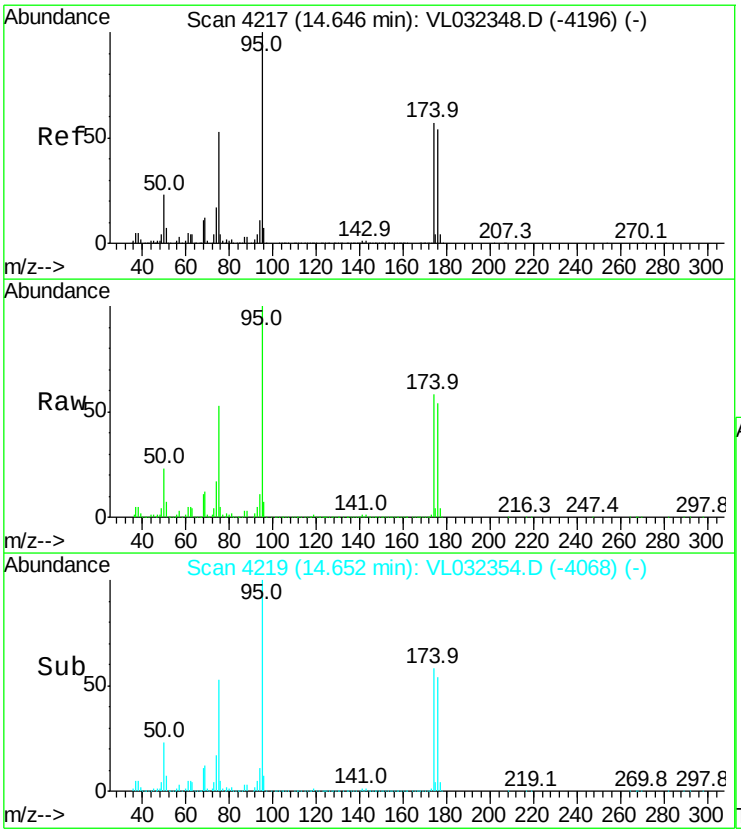
#67
sec-Butylbenzene
Concen: 12.194 ppbv
RT: 17.53 min Scan# 5115
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:105 Resp:11947691

Ion	Ratio	Lower	Upper
105	100		
134	18.4	14.2	21.4

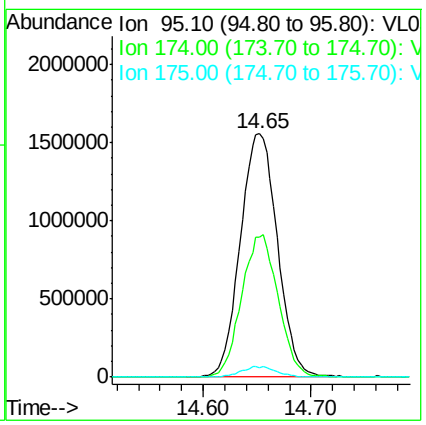


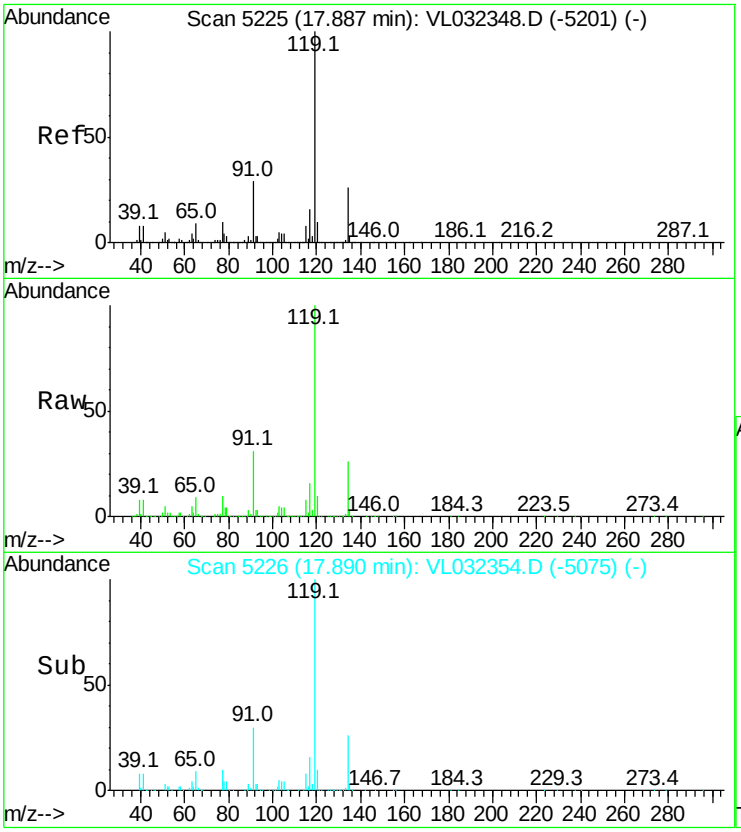


#68
1-Bromo-4-Fluorobenzene
Concen: 9.211 ppbv
RT: 14.65 min Scan# 4219
Delta R.T. -0.02 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Tgt Ion: 95 Resp: 3724387

Ion	Ratio	Lower	Upper
95	100		
174	58.1	45.5	68.3
175	4.2	3.3	4.9



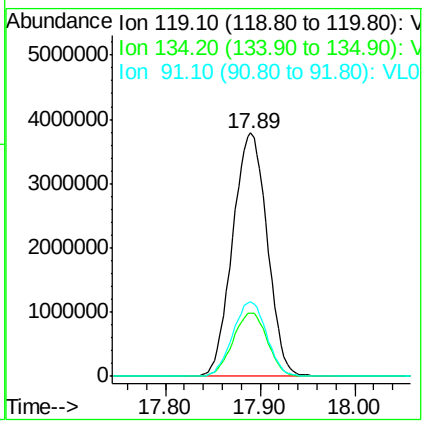


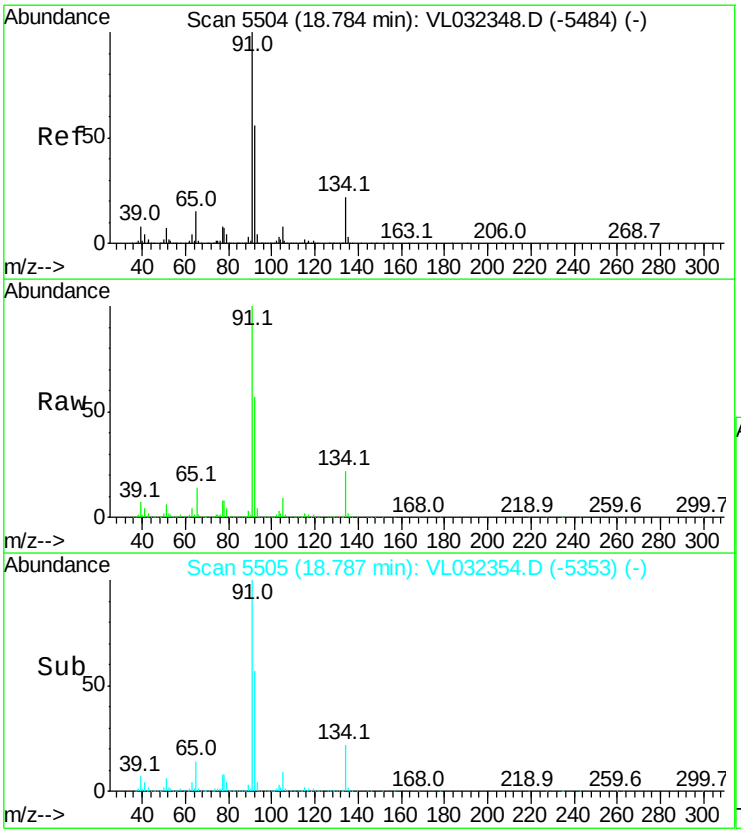
#69
p-Isopropyltoluene
Concen: 12.658 ppbv
RT: 17.89 min Scan# 5226
Delta R.T. -0.02 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:119 Resp: 9609857

Ion	Ratio	Lower	Upper
119	100		
134	26.0	20.3	30.5
91	30.1	23.8	35.6

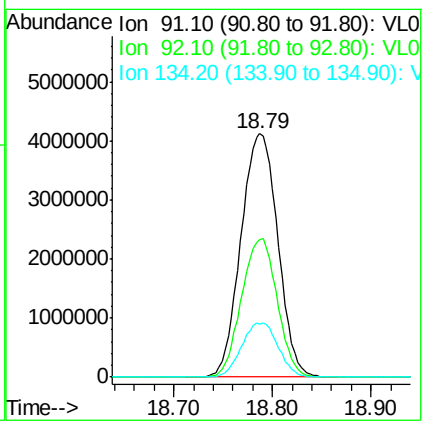


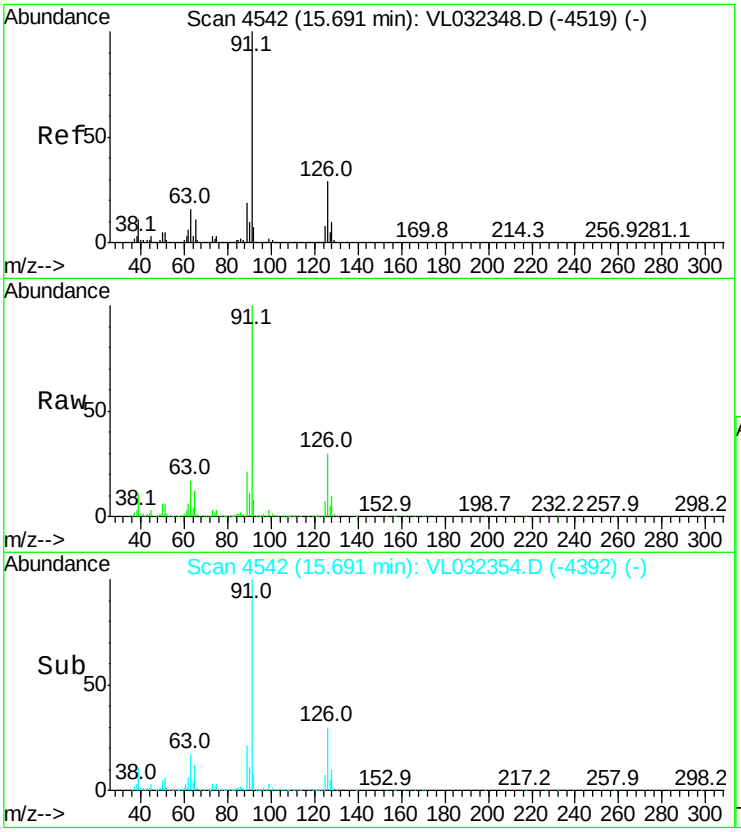


#70
n-Butylbenzene
Concen: 12.095 ppbv
RT: 18.79 min Scan# 5505
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Tgt Ion: 91 Resp:10601506

Ion	Ratio	Lower	Upper
91	100		
92	55.3	44.2	66.4
134	22.1	17.4	26.2



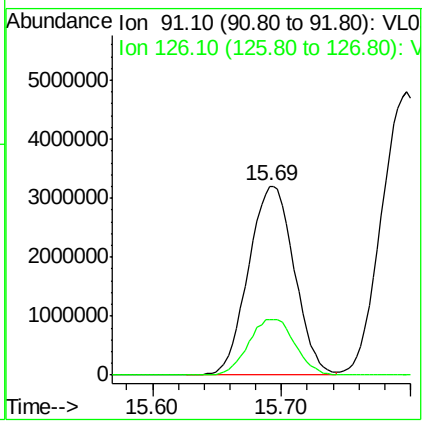


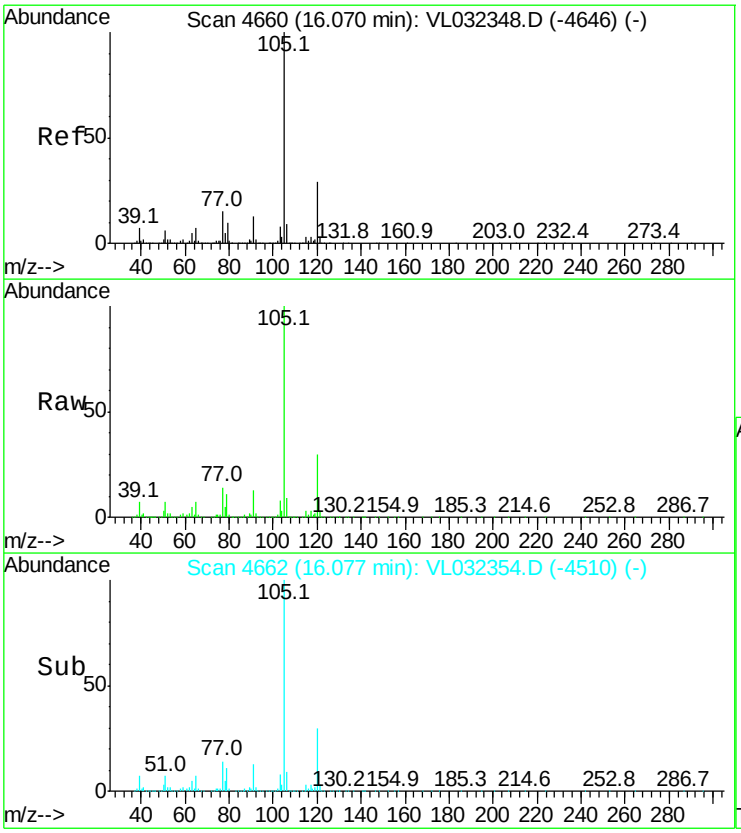
#71
2-Chlorotoluene
Concen: 13.028 ppbv
RT: 15.69 min Scan# 4542
Delta R.T. -0.02 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 91 Resp: 7918936

Ion	Ratio	Lower	Upper
91	100		
126	30.0	11.8	47.0

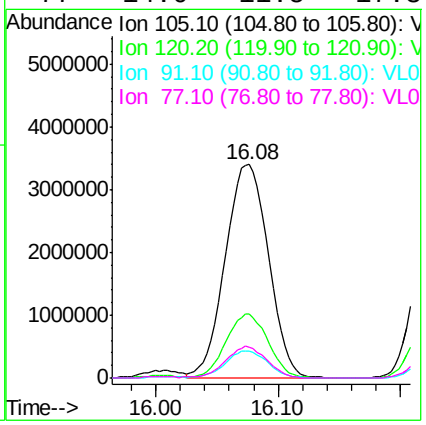


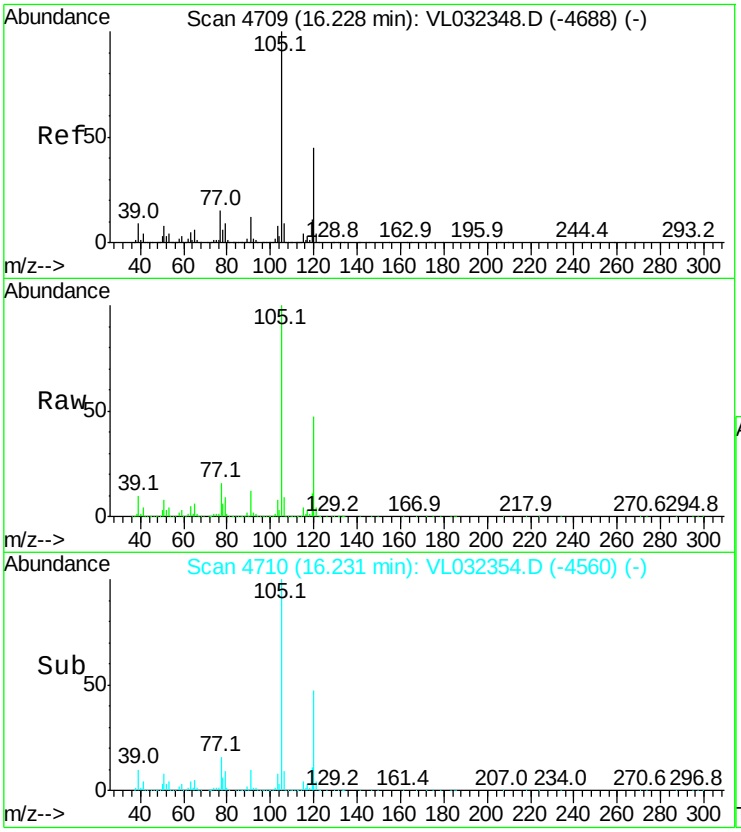


#72
4-Ethyltoluene
Concen: 13.656 ppbv
RT: 16.08 min Scan# 4662
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Tgt Ion:105 Resp: 8343661

Ion	Ratio	Lower	Upper
105	100		
120	29.4	23.1	34.7
91	12.4	10.0	15.0
77	14.0	11.5	17.3



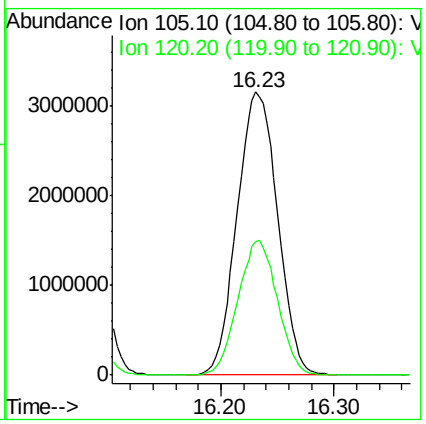


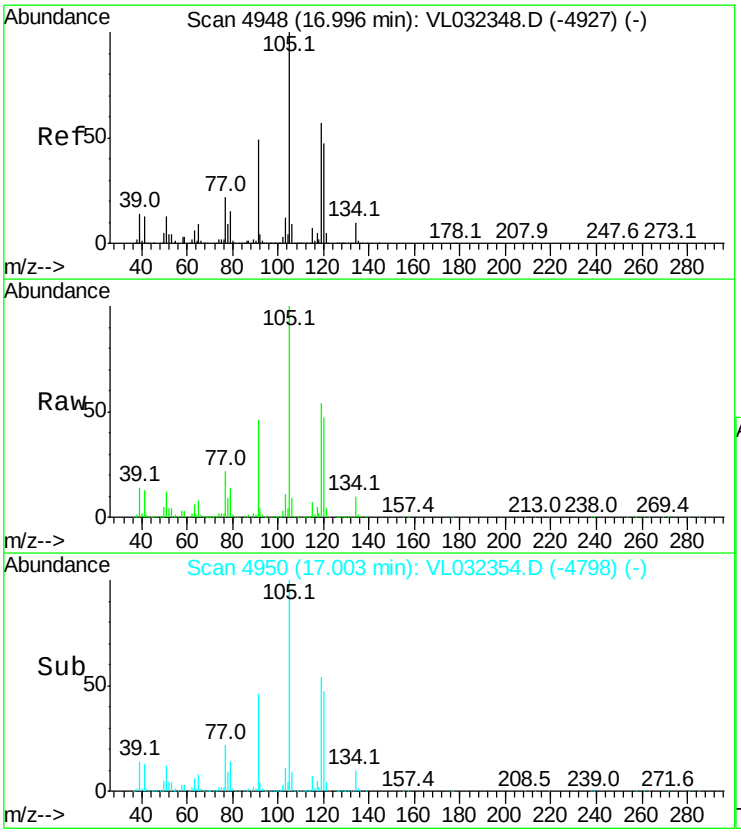
#73
1,3,5-Trimethylbenzene
Concen: 13.041 ppbv
RT: 16.23 min Scan# 4710
Delta R.T. -0.02 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:105 Resp: 7842943

Ion	Ratio	Lower	Upper
105	100		
120	47.2	36.5	54.7

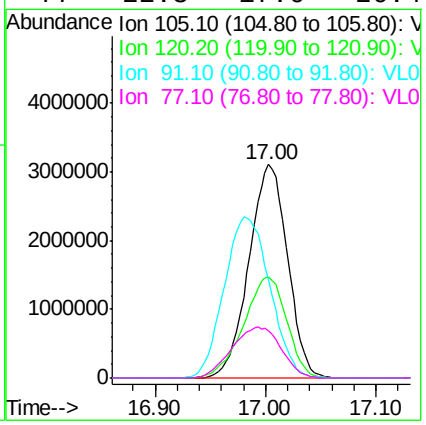


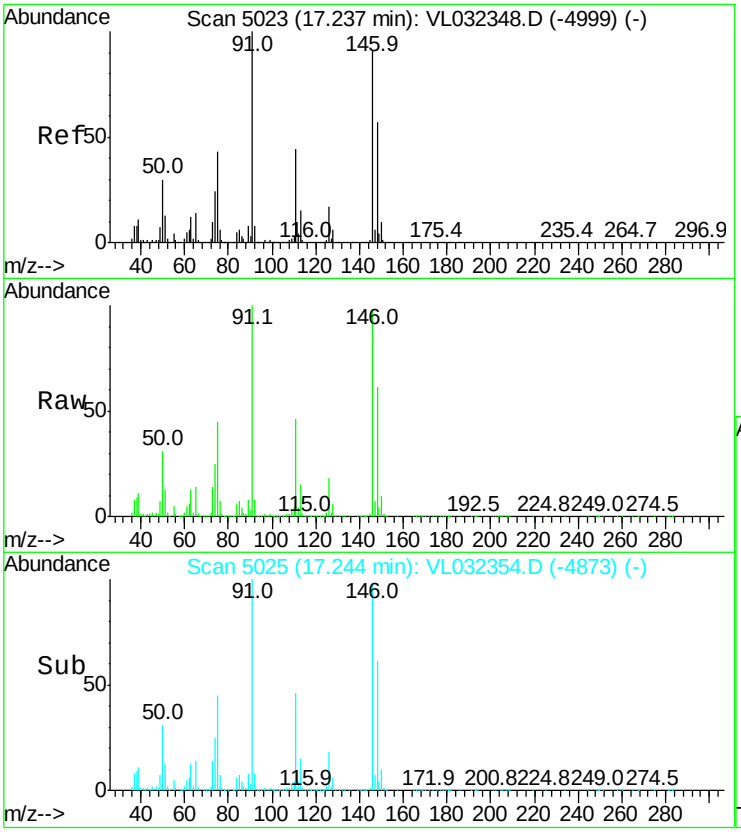


#74
1,2,4-Trimethylbenzene
Concen: 11.873 ppbv
RT: 17.00 min Scan# 4950
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Tgt Ion:105 Resp: 7527785

Ion	Ratio	Lower	Upper
105	100		
120	47.2	37.8	56.6
91	45.8	39.4	59.0
77	22.3	17.6	26.4



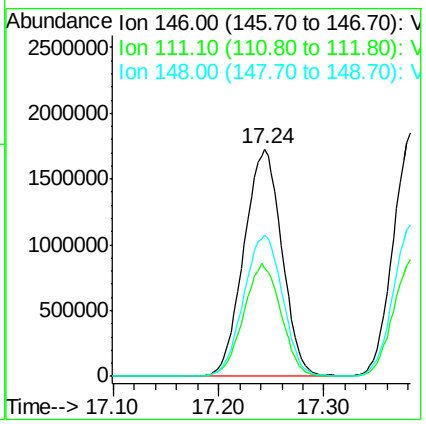


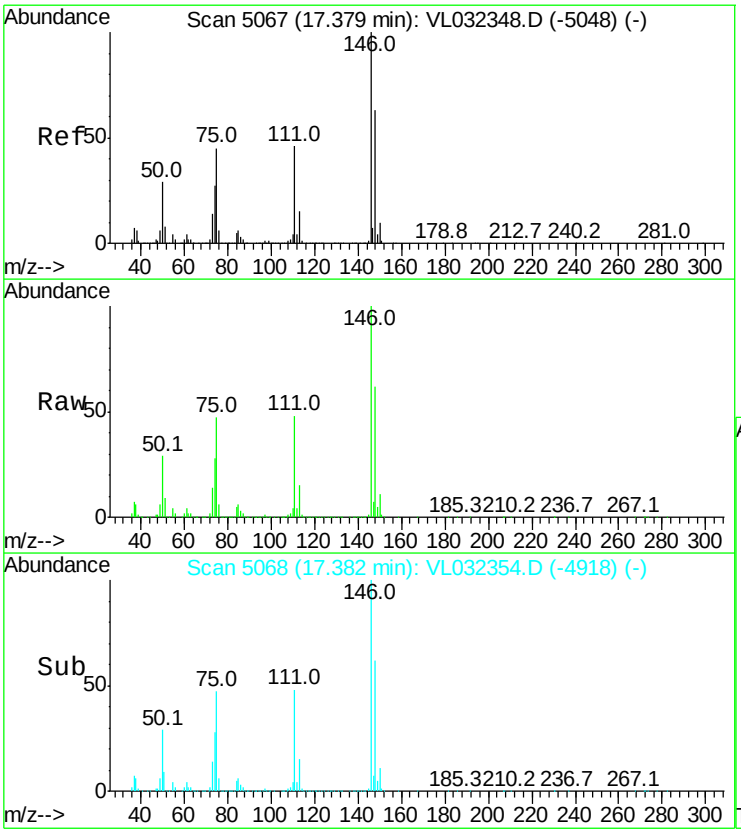
#75
1,3-Dichlorobenzene
Concen: 11.797 ppbv
RT: 17.24 min Scan# 5025
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:146 Resp: 4331508

Ion	Ratio	Lower	Upper
146	100		
111	49.0	24.6	73.8
148	63.6	31.6	95.0

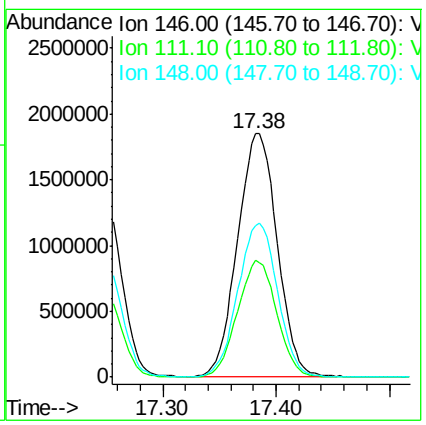


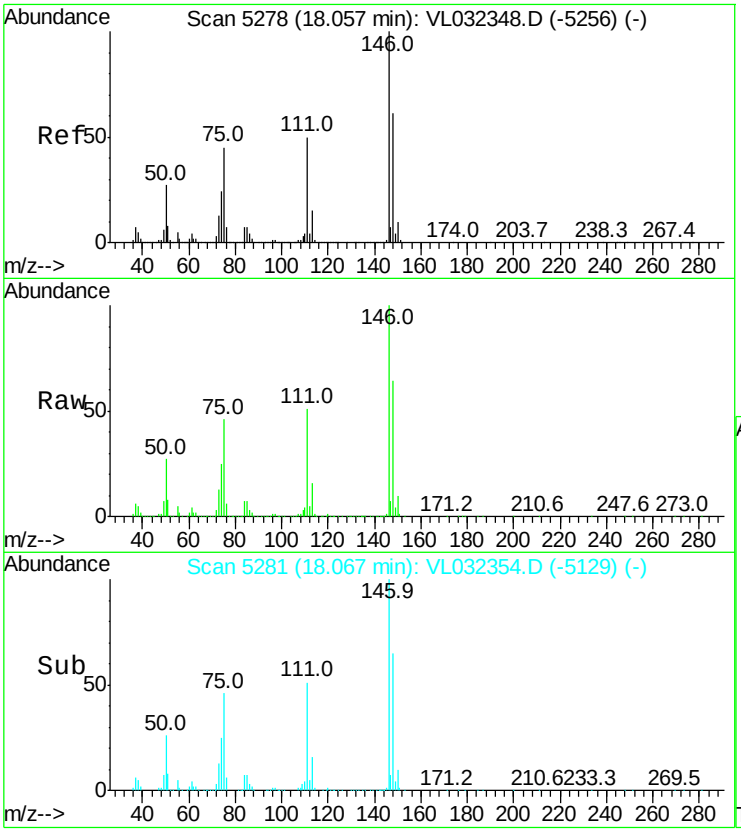


#76
1,4-Dichlorobenzene
Concen: 12.760 ppbv
RT: 17.38 min Scan# 5068
Delta R.T. -0.02 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Tgt Ion:146 Resp: 4495466

Ion	Ratio	Lower	Upper
146	100		
111	47.5	23.6	70.8
148	63.7	32.1	96.3



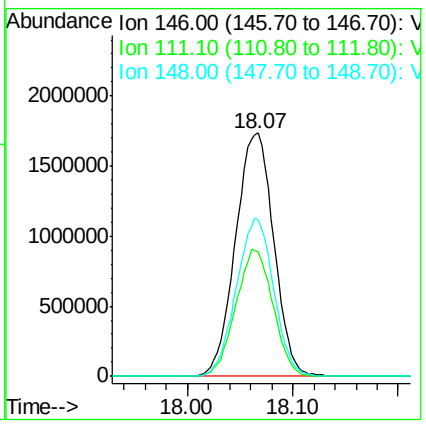


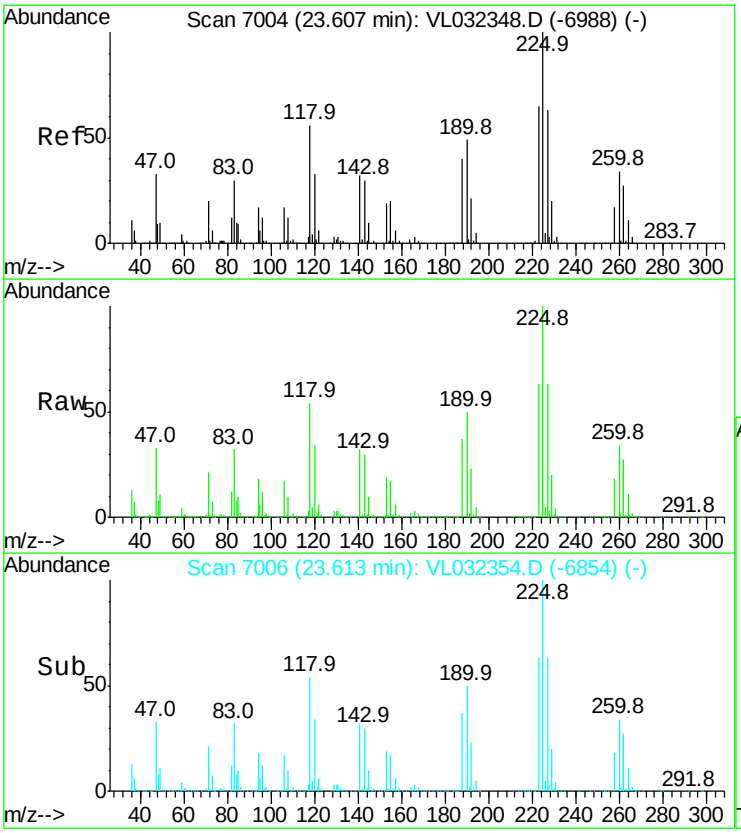
#77
1,2-Dichlorobenzene
Concen: 12.143 ppbv
RT: 18.07 min Scan# 5281
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion:146 Resp: 4380750

Ion	Ratio	Lower	Upper
146	100		
111	50.8	25.1	75.3
148	63.6	31.9	95.7

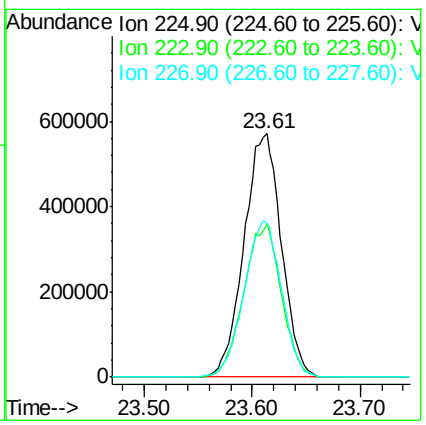


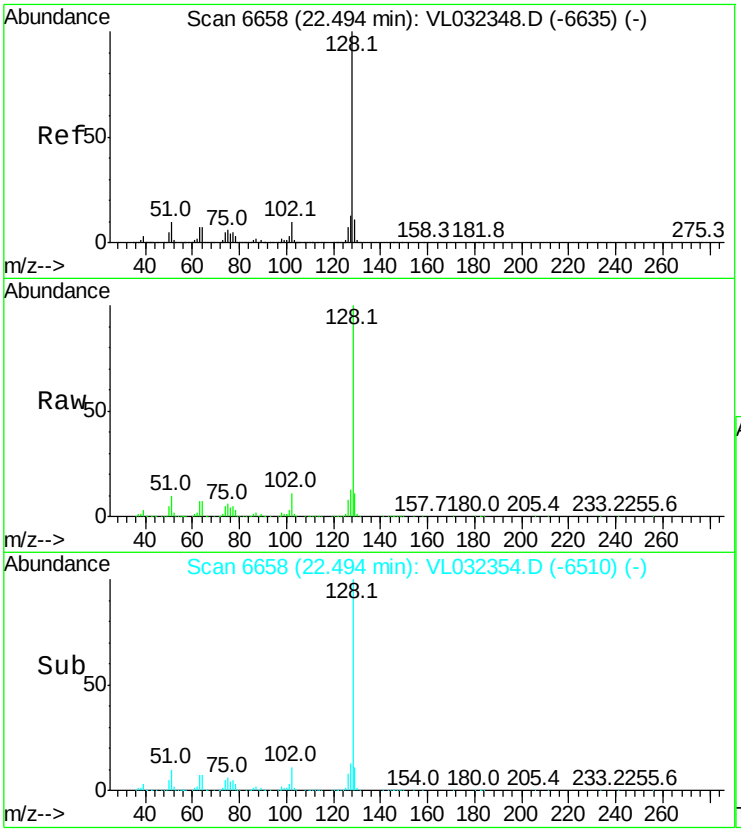


#78
Hexachloro-1,3-Butadiene
Concen: 10.848 ppbv
RT: 23.61 min Scan# 7006
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Tgt Ion:225 Resp: 1376111

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.5	75.7
227	64.3	51.3	76.9



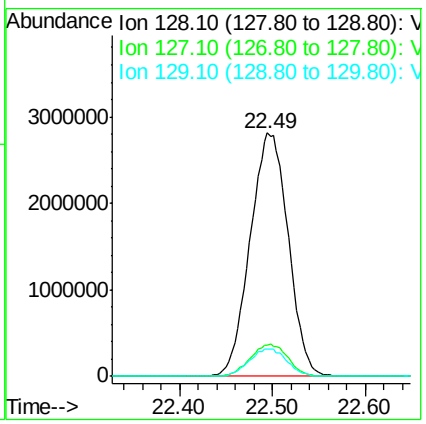


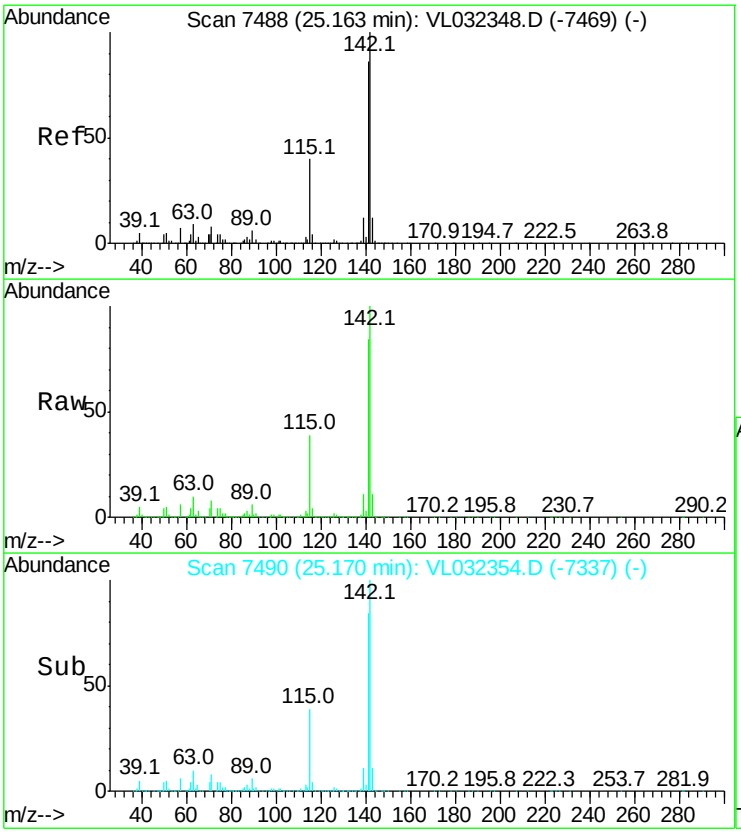
#79
Naphthalene
Concen: 14.572 ppbv
RT: 22.49 min Scan# 6658
Delta R.T. -0.03 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:128 Resp: 8017867

Ion	Ratio	Lower	Upper
128	100		
127	13.0	9.9	14.9
129	11.2	8.8	13.2

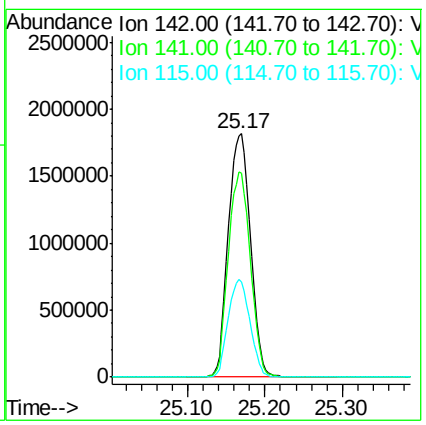


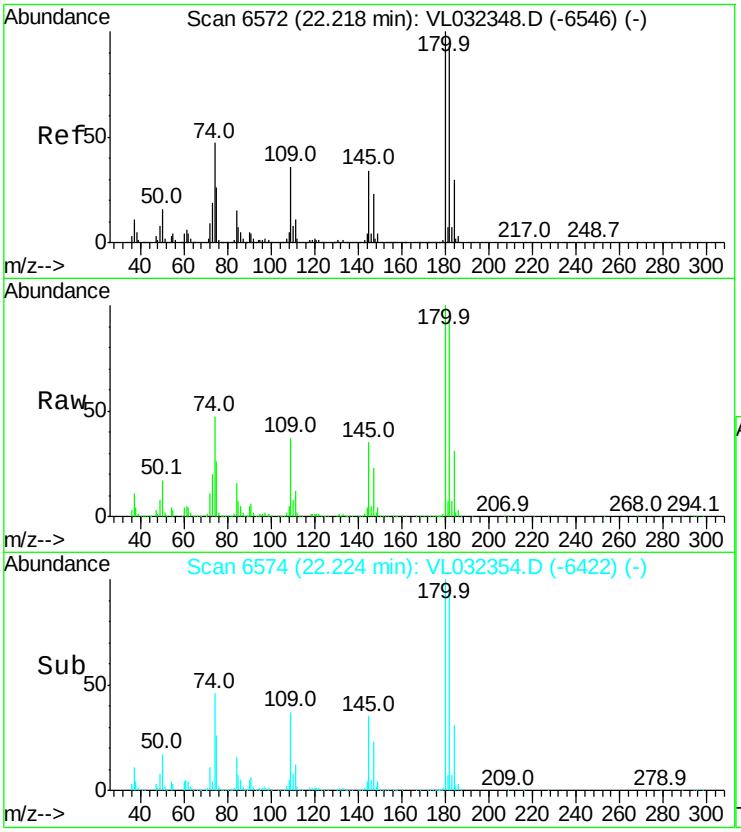


#80
Naphthalene,2-methyl-
Concen: 16.416 ppbv
RT: 25.17 min Scan# 7490
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Tgt Ion:142 Resp: 3574200

Ion	Ratio	Lower	Upper
142	100		
141	84.1	66.7	100.1
115	39.4	31.1	46.7





#81
1,2,4-Trichlorobenzene
Concen: 13.545 ppbv
RT: 22.22 min Scan# 6574
Delta R.T. -0.01 min
Lab File: VL032354.D
Acq: 15 Aug 2018 13:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:180 Resp: 3723932

Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.2	114.2
184	30.5	24.3	36.5