Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\Data\VL100915\
Data File : VL026172.D
Acq On : 9 Oct 2015 10:59
Operator : SY/MD
Sample : VSTDICCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Oct 09 14:17:33 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL100915AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Sep 04 15:41:31 2015
QLast Update : Fri Sep 04 15:41:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	6.66	49	874321	10.00	ppbv		0.01
33) 1,4-Difluorobenzene	8.34	114	2513217	10.00	ppbv		0.01
55) Chlorobenzene-d5	13.76	117	3598279	10.00	ppbv		0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	16.30	95	2313097	8.71	ppbv		0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 87.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.64	85	1254704	10.00	ppbv		99
3) Chlorodifluoromethane	3.57	51	916480	9.14	ppbv		96
4) Chloromethane	3.75	50	541319	9.12	ppbv		98
5) Vinyl Chloride	3.89	62	556851	8.78	ppbv		99
6) Bromomethane	4.14	94	395631	9.92	ppbv		100
7) Chloroethane	4.24	64	238809	9.68	ppbv		98
8) Dichlorotetrafluoroethane	3.81	85	1316278	9.67	ppbv		99
9) Propene	3.59	41	454789	8.92	ppbv		99
10) Heptane	9.37	43	1587669	8.98	ppbv		98
11) Trichlorofluoromethane	4.70	101	1505970	10.46	ppbv		100
12) 1,1,2-Trichlorotrifluoroet	5.31	101	1016278	10.23	ppbv		99
13) Ethanol	4.34	45	41191	6.67	ppbv		94
14) Bromoethene	4.45	108	428444	10.11	ppbv		99
15) Acetone	4.60	43	923735	8.51	ppbv		100
16) 1,3-Butadiene	3.97	39	495704	9.20	ppbv		99
17) tert-Butyl alcohol	5.12	59	799172	11.33	ppbv		99
18) 1,1-Dichloroethene	5.09	96	468436	10.09	ppbv		99
19) Isopropyl Alcohol	4.75	45	404454	8.90	ppbv	#	99
20) Methylene Chloride	5.15	84	438775	9.50	ppbv		98
21) Allyl Chloride	5.23	41	728790	9.72	ppbv		97
22) trans-1,2-Dichloroethene	5.77	96	606322	9.72	ppbv		99
23) Vinyl Acetate	5.99	43	1996189	9.70	ppbv		99
24) 1,1-Dichloroethane	5.92	63	1302035	9.38	ppbv		99
25) Ethyl Acetate	6.67	43	2100870	9.11	ppbv		100
26) Hexane	6.67	57	1027953	9.30	ppbv		98
27) Carbon Disulfide	5.39	76	1295757	10.95	ppbv		99
28) Methyl tert-Butyl Ether	5.96	73	1724124	10.25	ppbv		97
29) Chloroform	6.76	83	1525342	9.94	ppbv		99
30) Cyclohexane	8.29	84	1022495	9.68	ppbv		95
31) cis-1,2-Dichloroethene	6.53	61	985950	9.75	ppbv		98
32) 1,1,1-Trichloroethane	7.60	97	1532201	9.98	ppbv		99
34) 2-Butanone	6.20	43	1346669	8.35	ppbv		98
35) Carbon Tetrachloride	8.17	117	1593170	9.45	ppbv		99
36) Benzene	8.03	78	2306398	8.68	ppbv		99
37) 1,2-Dichloroethane	7.38	62	1239833	9.34	ppbv		99
38) Trichloroethene	9.07	130	924816	7.96	ppbv		99
39) 1,2-Dichloropropane	8.84	63	851645	8.54	ppbv		98
40) 1,4-Dioxane	9.13	88	114607	7.85	ppbv		76
41) Tetrahydrofuran	7.12	42	814157	8.61	ppbv		96
42) Bromodichloromethane	9.04	83	1683937	9.63	ppbv		100
43) Methyl Methacrylate	9.27	69	881000	9.34	ppbv		96

Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\Data\VL100915\
Data File : VL026172.D
Acq On : 9 Oct 2015 10:59
Operator : SY/MD
Sample : VSTDICCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Oct 09 14:17:33 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL100915AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Sep 04 15:41:31 2015
QLast Update : Fri Sep 04 15:41:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	9.10	57	3669230	8.15	ppbv		99
45) t-1,3-Dichloropropene	10.66	75	1325696	10.73	ppbv		99
46) cis-1,3-Dichloropropene	10.03	75	1545373	10.09	ppbv		98
47) 1,1,2-Trichloroethane	10.89	97	1023306	9.05	ppbv		99
48) Dibromochloromethane	11.81	129	1596902	10.42	ppbv		100
49) Bromoform	14.83	173	1269661	11.17	ppbv		100
50) 4-Methyl-2-Pentanone	10.10	43	1901105	8.80	ppbv		99
51) 2-Hexanone	11.62	43	1812448	9.16	ppbv	#	99
52) Tetrachloroethene	12.80	164	988158	8.18	ppbv		99
53) Toluene	11.25	91	3048282	9.08	ppbv		100
54) 1,2-Dibromoethane	12.15	107	1564695	9.28	ppbv		99
56) 1,1,1,2-Tetrachloroethane	13.80	131	1141836	7.65	ppbv		99
57) Chlorobenzene	13.83	112	2475607	6.96	ppbv		100
58) Ethyl Benzene	14.43	91	4284157	7.17	ppbv		99
59) m/p-Xylene	14.73	91	2802641	5.97	ppbv	#	2
60) o-Xylene	15.51	91	3354349	6.88	ppbv		99
61) Styrene	15.32	104	1642434	7.85	ppbv		99
62) Isopropylbenzene	16.56	105	4643491	7.25	ppbv		99
63) 1,1,2,2-Tetrachloroethane	15.50	83	2219915	5.94	ppbv		100
64) n-propylbenzene	17.54	120	1282040	7.49	ppbv		100
65) tert-Butylbenzene	18.83	119	4021538	7.16	ppbv		100
66) Benzyl Chloride	19.11	91	1556345	10.19	ppbv		99
67) sec-Butylbenzene	19.43	105	5787887	7.30	ppbv		99
69) p-Isopropyltoluene	19.80	119	4762638	7.42	ppbv		99
70) n-Butylbenzene	20.77	91	4619050	7.21	ppbv		100
71) 2-Chlorotoluene	17.44	91	3510690	7.21	ppbv		98
72) 4-Ethyltoluene	17.83	105	3994940	7.50	ppbv		100
73) 1,3,5-Trimethylbenzene	18.00	105	3684944	7.45	ppbv		99
74) 1,2,4-Trimethylbenzene	18.85	105	3626328	7.00	ppbv		98
75) 1,3-Dichlorobenzene	19.14	146	2352396	7.30	ppbv		99
76) 1,4-Dichlorobenzene	19.28	146	2449606	7.39	ppbv		100
77) 1,2-Dichlorobenzene	20.04	146	2359721	7.34	ppbv		99
78) Hexachloro-1,3-Butadiene	24.68	225	918296	7.13	ppbv		99
79) Naphthalene	23.94	128	2686121	6.67	ppbv		99
80) Naphthalene,2-methyl-	26.05	142	569316	6.03	ppbv		100
81) 1,2,4-Trichlorobenzene	23.74	180	1270339	6.56	ppbv		100

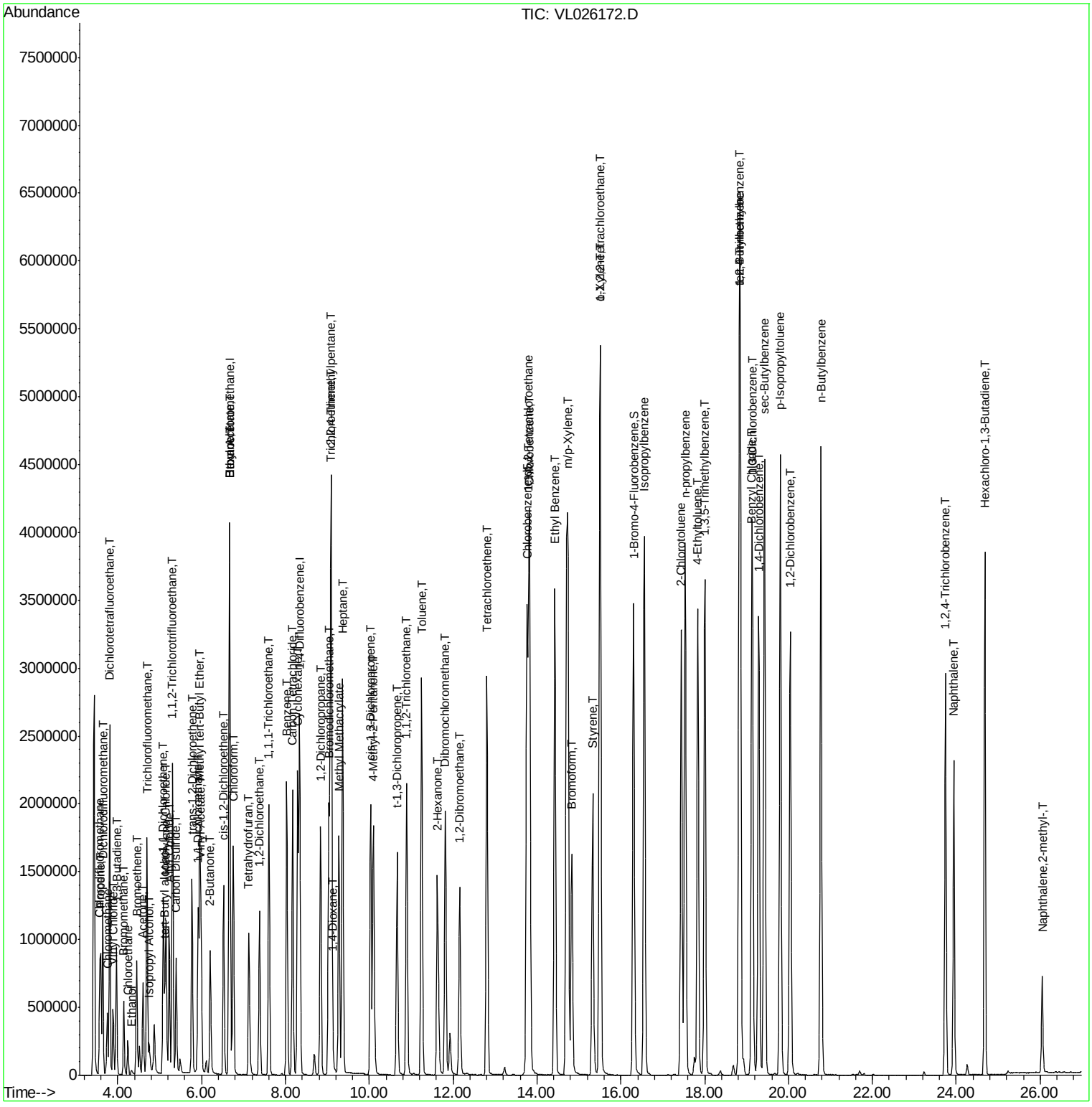
(#) = qualifier out of range (m) = manual integration (+) = signals summed

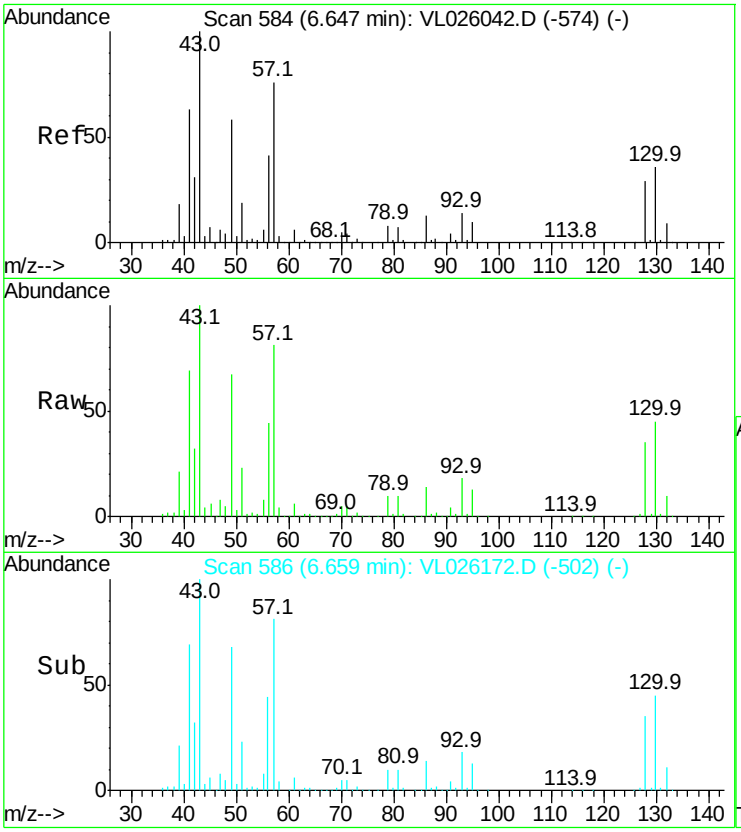
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\Data\VL100915\
Data File : VL026172.D
Acq On : 9 Oct 2015 10:59
Operator : SY/MD
Sample : VSTDICCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Oct 09 14:17:33 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL100915AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Sep 04 15:41:31 2015
QLast Update : Fri Sep 04 15:41:31 2015
Response via : Initial Calibration



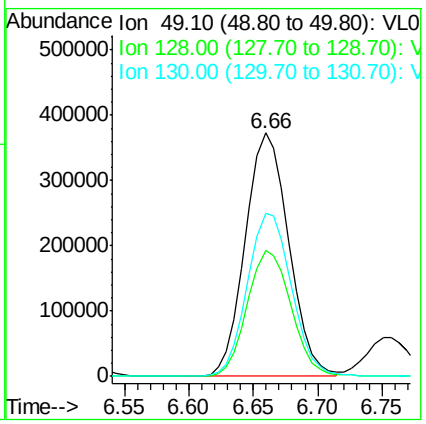


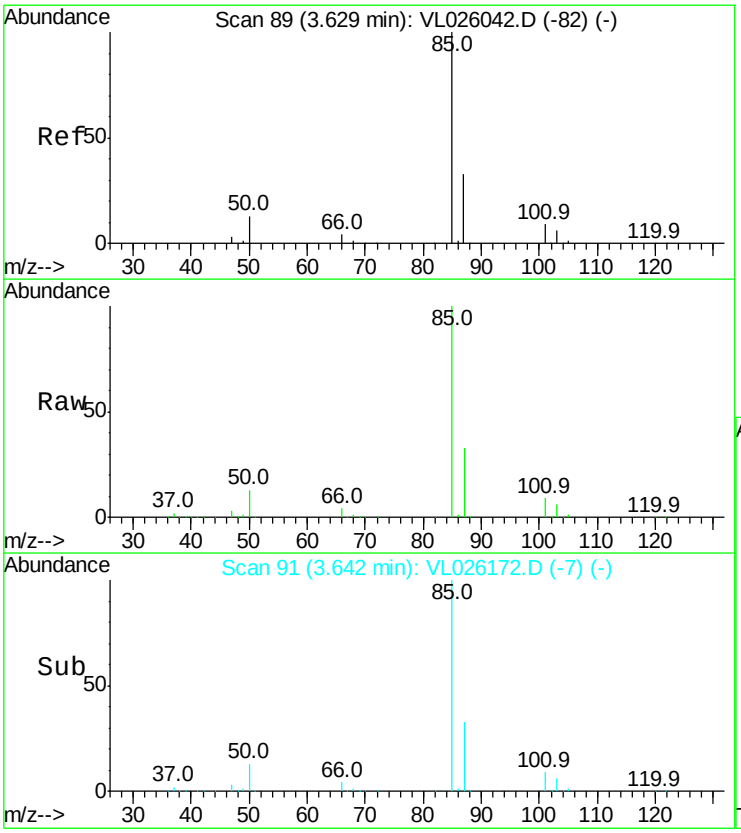
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 6.66 min Scan# 586
Delta R.T. 0.01 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 49 Resp: 874321

Ion	Ratio	Lower	Upper
49	100		
128	52.5	24.8	74.4
130	68.3	31.8	95.4

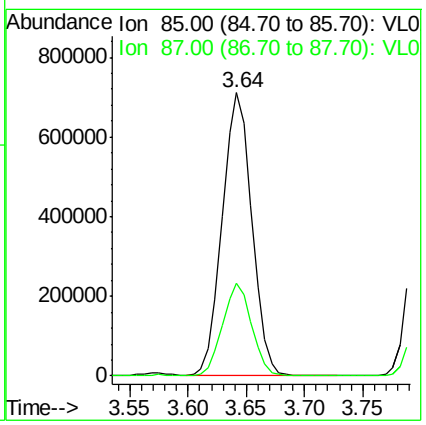


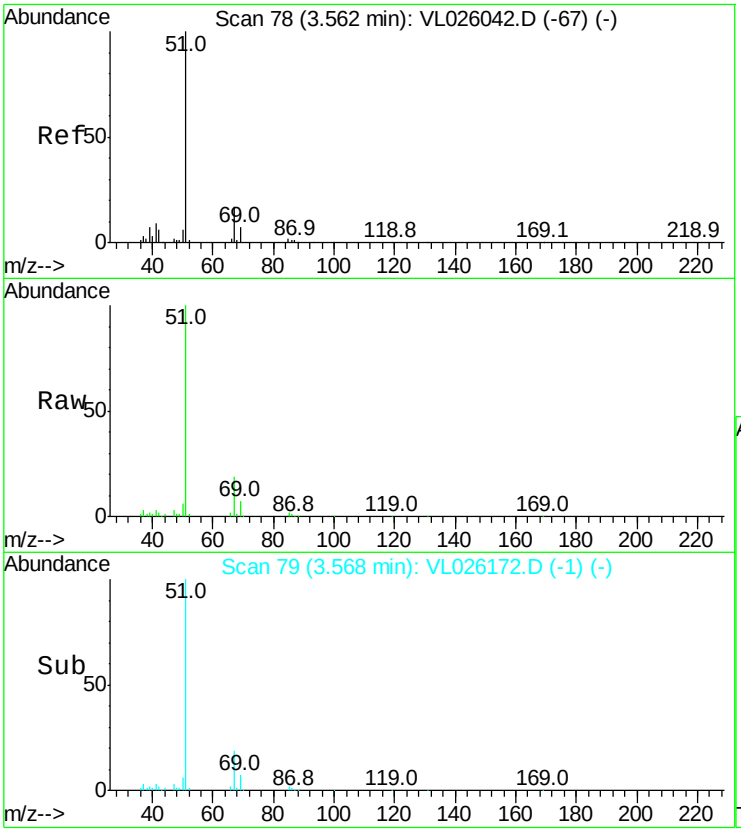


#2
Dichlorodifluoromethane
Concen: 10.00 ppbv
RT: 3.64 min Scan# 91
Delta R.T. 0.01 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Tgt Ion: 85 Resp: 1254704

Ion	Ratio	Lower	Upper
85	100		
87	32.8	26.6	39.8



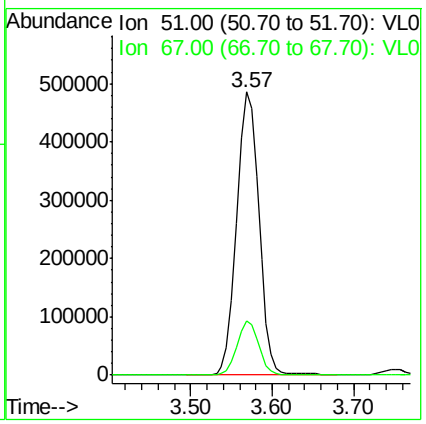


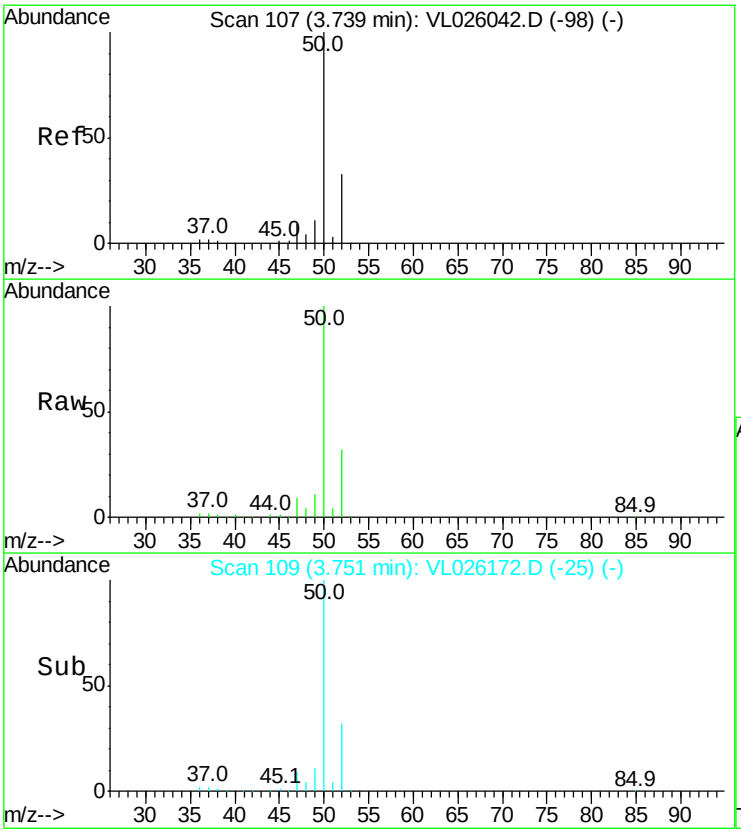
#3
Chlorodifluoromethane
Concen: 9.14 ppbv
RT: 3.57 min Scan# 79
Delta R.T. 0.01 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 51 Resp: 916480

Ion	Ratio	Lower	Upper
51	100		
67	18.6	13.5	20.3

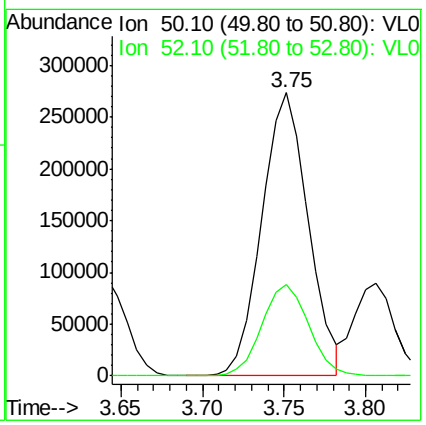


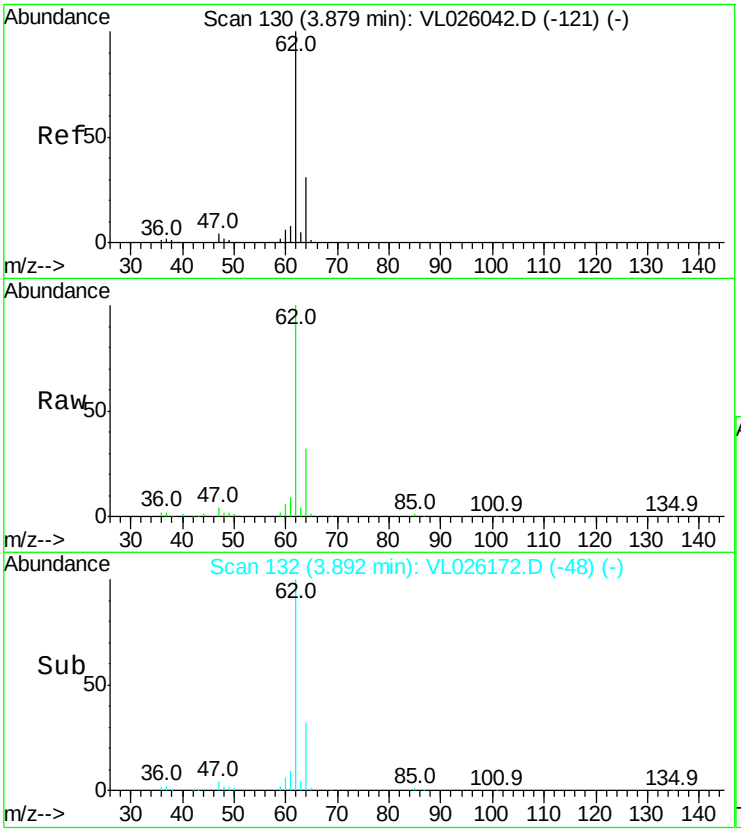


#4
Chloromethane
Concen: 9.12 ppbv
RT: 3.75 min Scan# 109
Delta R.T. 0.01 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Tgt Ion: 50 Resp: 541319

Ion	Ratio	Lower	Upper
50	100		
52	32.4	26.7	40.1



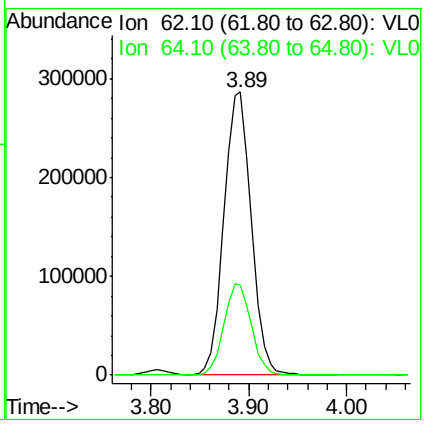


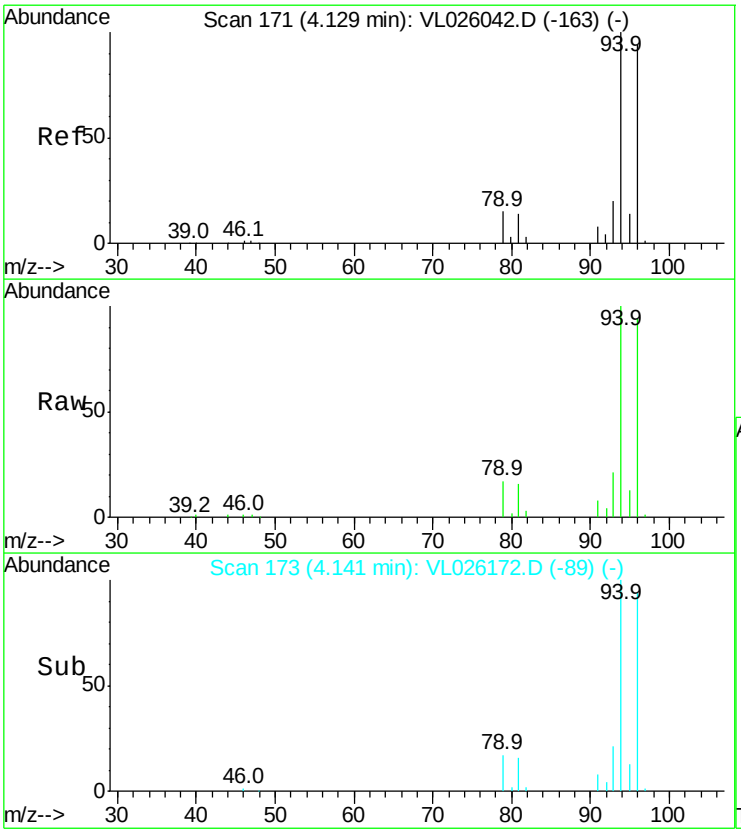
#5
Vinyl Chloride
Concen: 8.78 ppbv
RT: 3.89 min Scan# 132
Delta R.T. 0.01 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 62 Resp: 556851

Ion	Ratio	Lower	Upper
62	100		
64	32.0	25.1	37.7

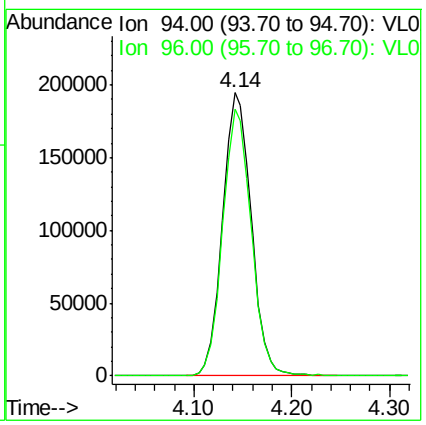


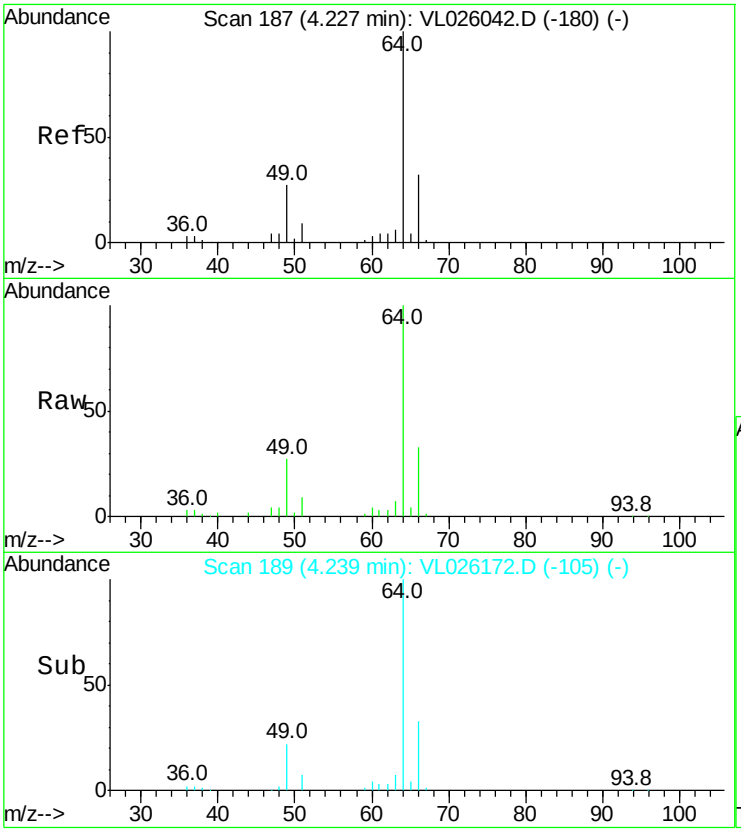


#6
Bromomethane
Concen: 9.92 ppbv
RT: 4.14 min Scan# 173
Delta R.T. 0.01 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Tgt Ion: 94 Resp: 395631

Ion	Ratio	Lower	Upper
94	100		
96	94.3	75.4	113.2



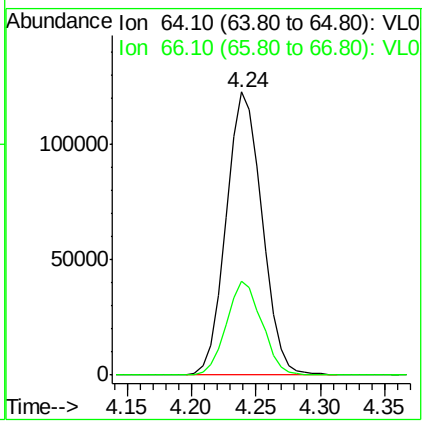


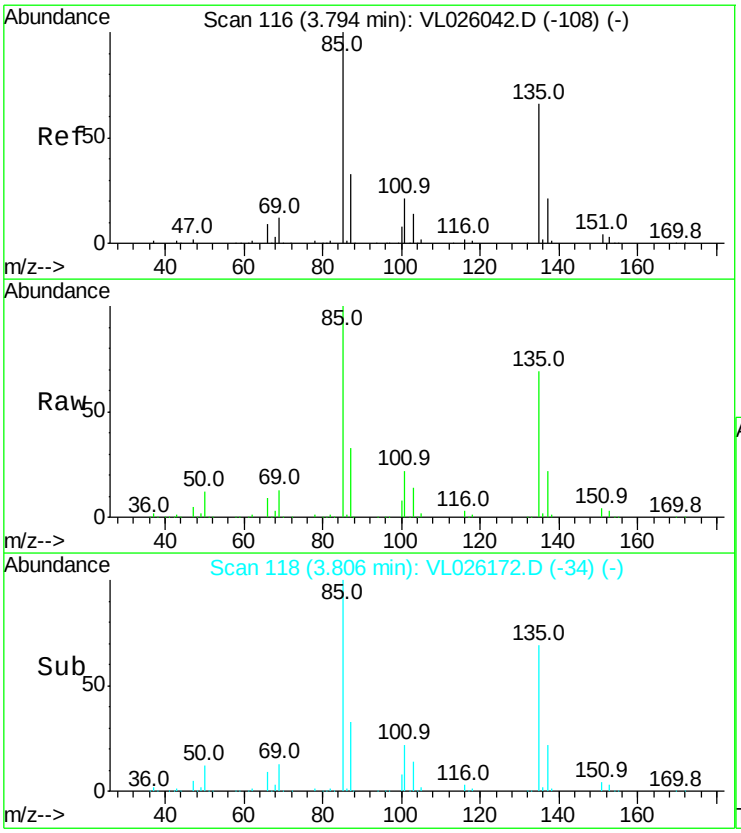
#7
Chloroethane
Concen: 9.68 ppbv
RT: 4.24 min Scan# 189
Delta R.T. 0.01 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 64 Resp: 238809

Ion	Ratio	Lower	Upper
64	100		
66	33.1	25.5	38.3

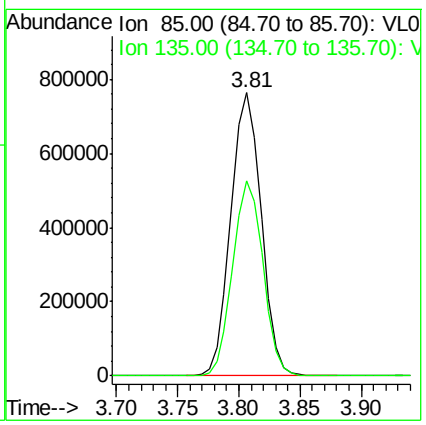


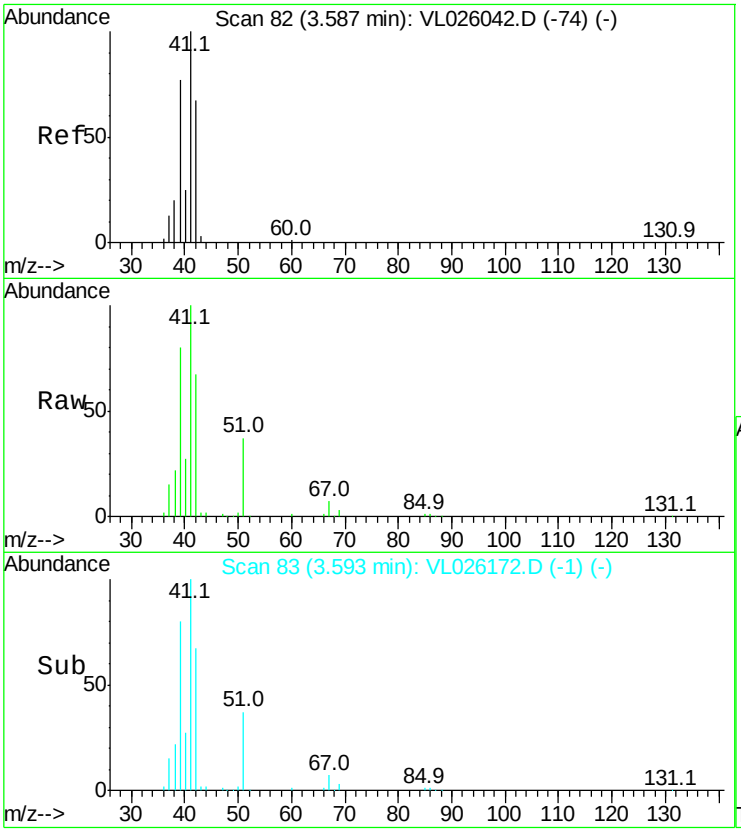


#8
Dichlorotetrafluoroethane
Concen: 9.67 ppbv
RT: 3.81 min Scan# 118
Delta R.T. 0.01 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Tgt Ion: 85 Resp: 1316278

Ion	Ratio	Lower	Upper
85	100		
135	69.1	54.5	81.7



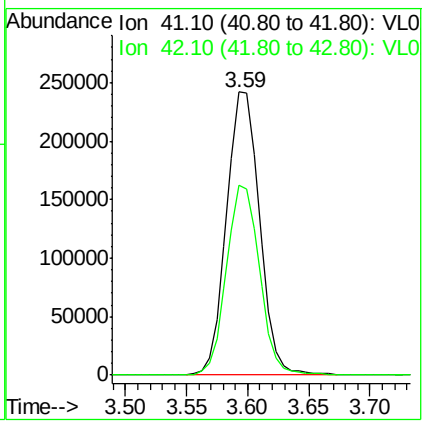


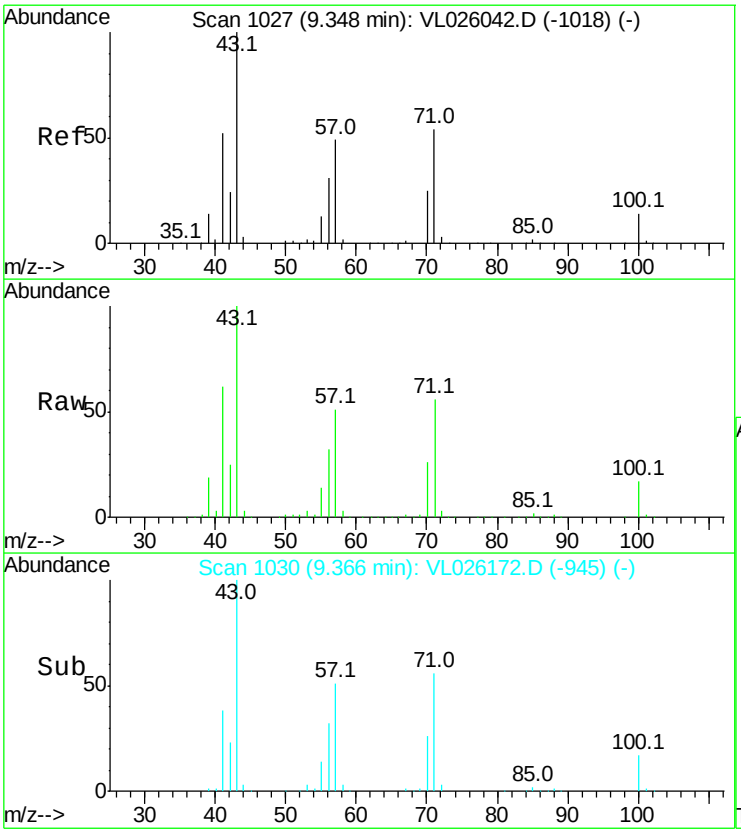
#9
Propene
Concen: 8.92 ppbv
RT: 3.59 min Scan# 83
Delta R.T. 0.01 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 41 Resp: 454789

Ion	Ratio	Lower	Upper
41	100		
42	67.0	54.0	81.0

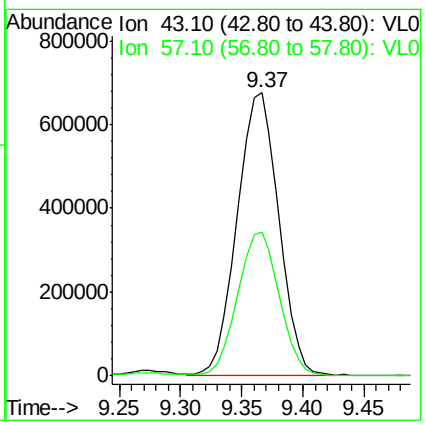


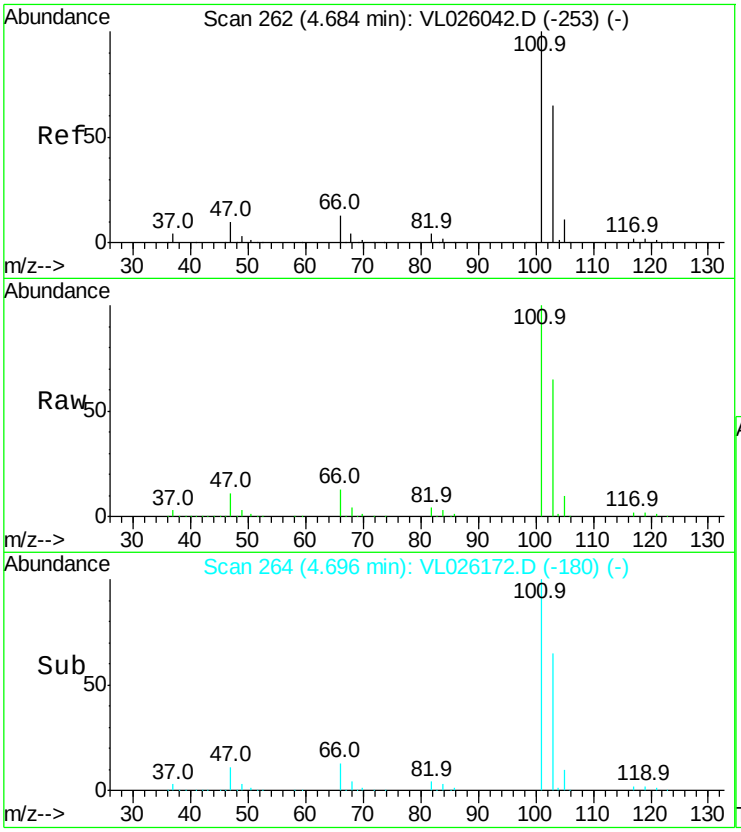


#10
Heptane
Concen: 8.98 ppbv
RT: 9.37 min Scan# 1030
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Tgt Ion: 43 Resp: 1587669

Ion	Ratio	Lower	Upper
43	100		
57	52.3	40.9	61.3



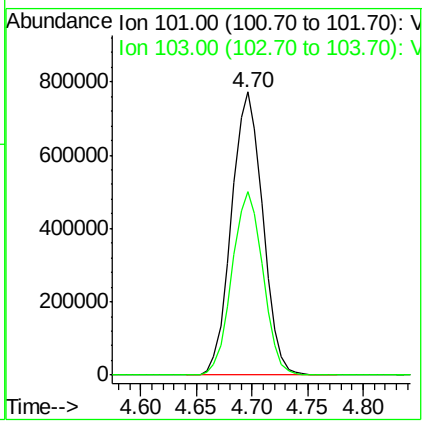


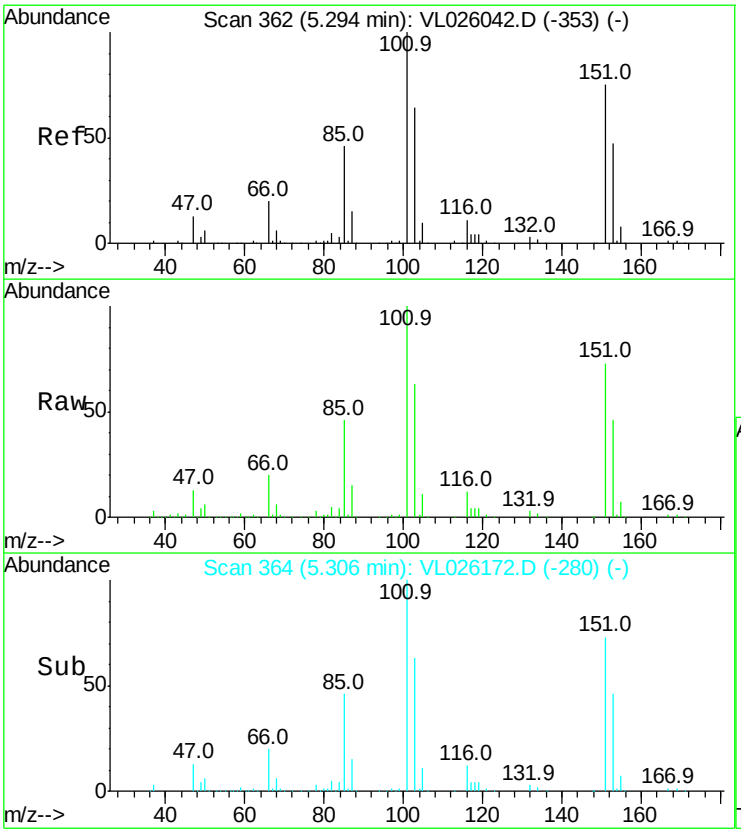
#11
Trichlorofluoromethane
Concen: 10.46 ppbv
RT: 4.70 min Scan# 264
Delta R.T. 0.01 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:101 Resp: 1505970

Ion	Ratio	Lower	Upper
101	100		
103	64.9	51.6	77.4

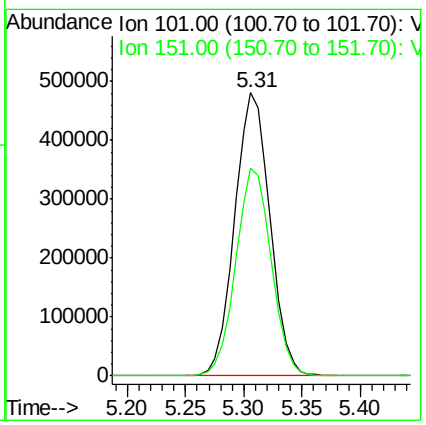


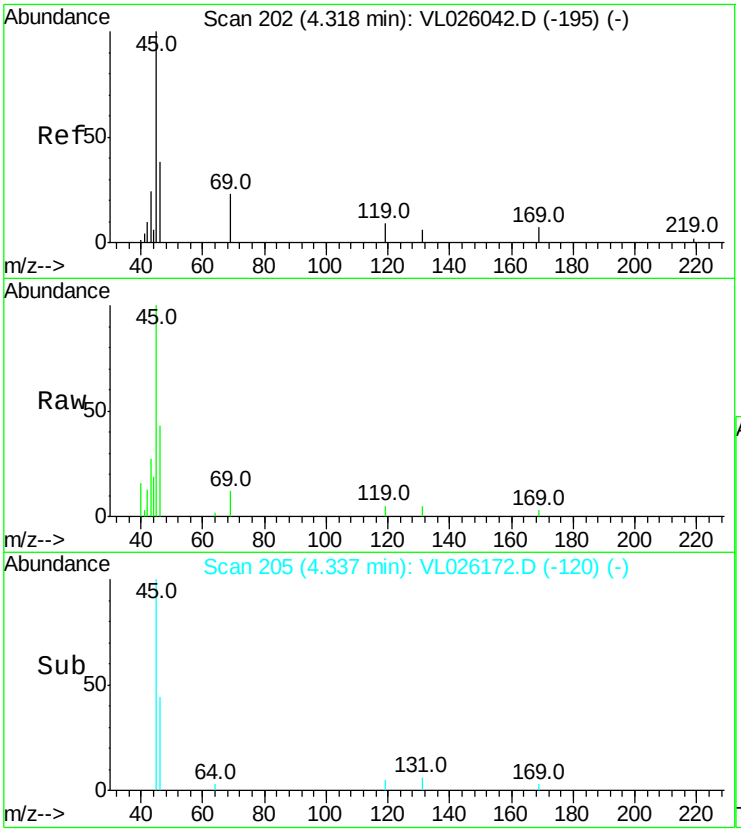


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.23 ppbv
RT: 5.31 min Scan# 364
Delta R.T. 0.01 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Tgt Ion:101 Resp: 1016278

Ion	Ratio	Lower	Upper
101	100		
151	73.8	59.8	89.6



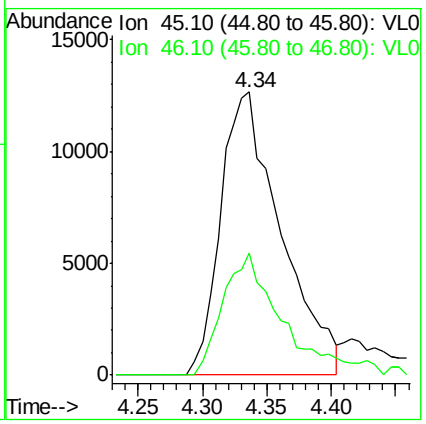


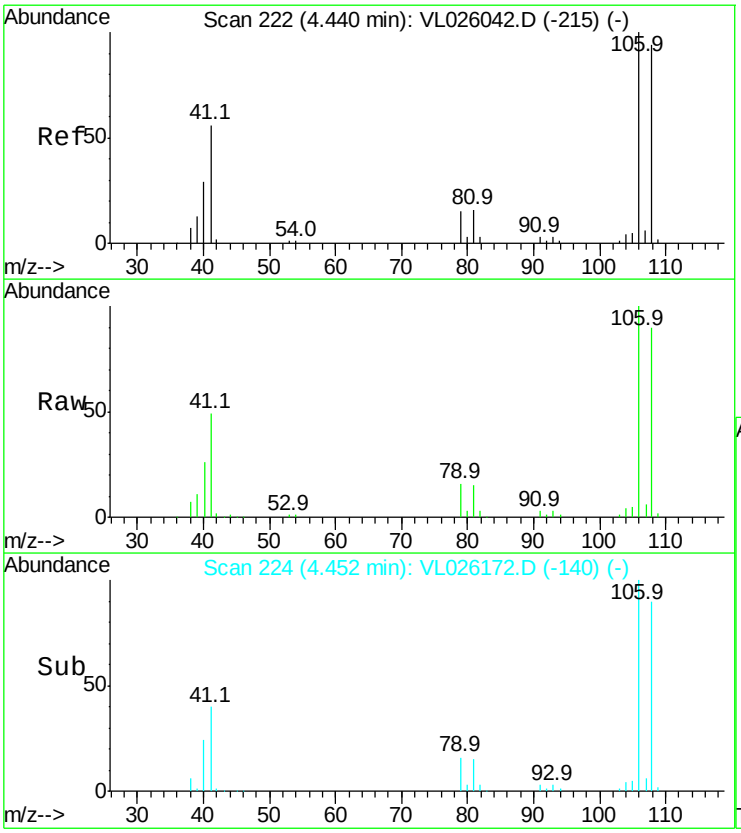
#13
Ethanol
Concen: 6.67 ppbv
RT: 4.34 min Scan# 205
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 41191

Ion	Ratio	Lower	Upper
45	100		
46	45.3	16.7	66.9

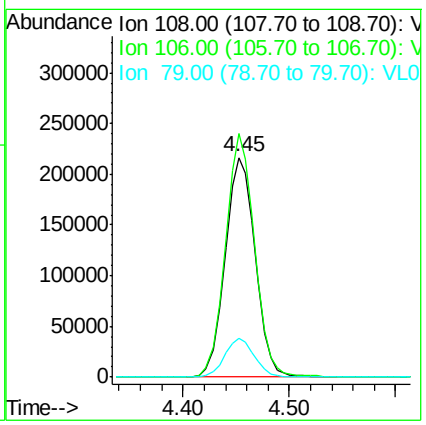


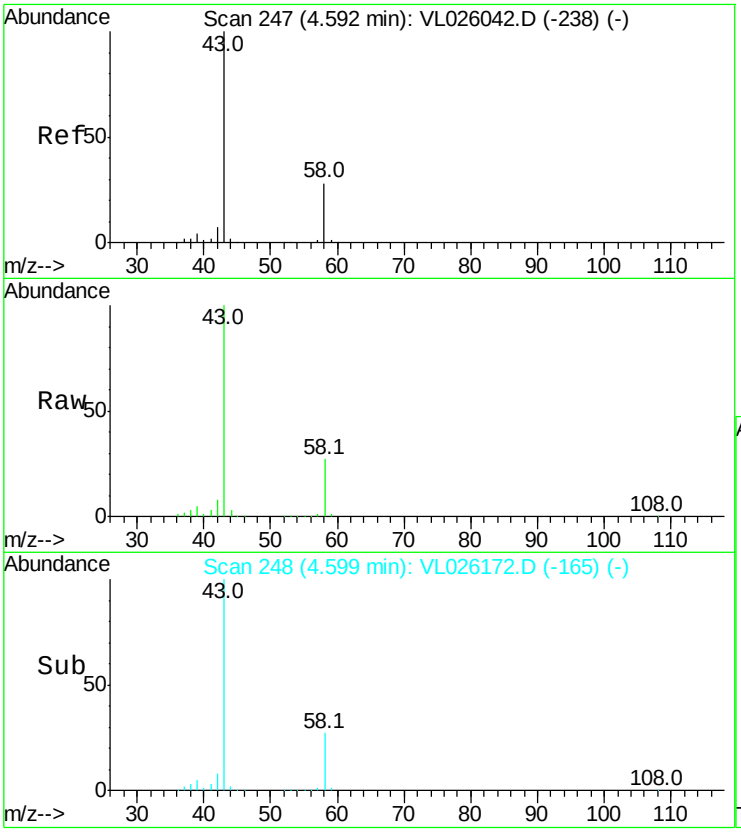


#14
Bromoethene
Concen: 10.11 ppbv
RT: 4.45 min Scan# 224
Delta R.T. 0.01 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Tgt Ion:108 Resp: 428444

Ion	Ratio	Lower	Upper
108	100		
106	107.4	84.9	127.3
79	17.5	13.2	19.8



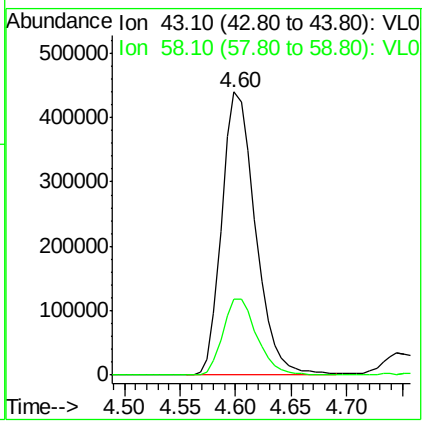


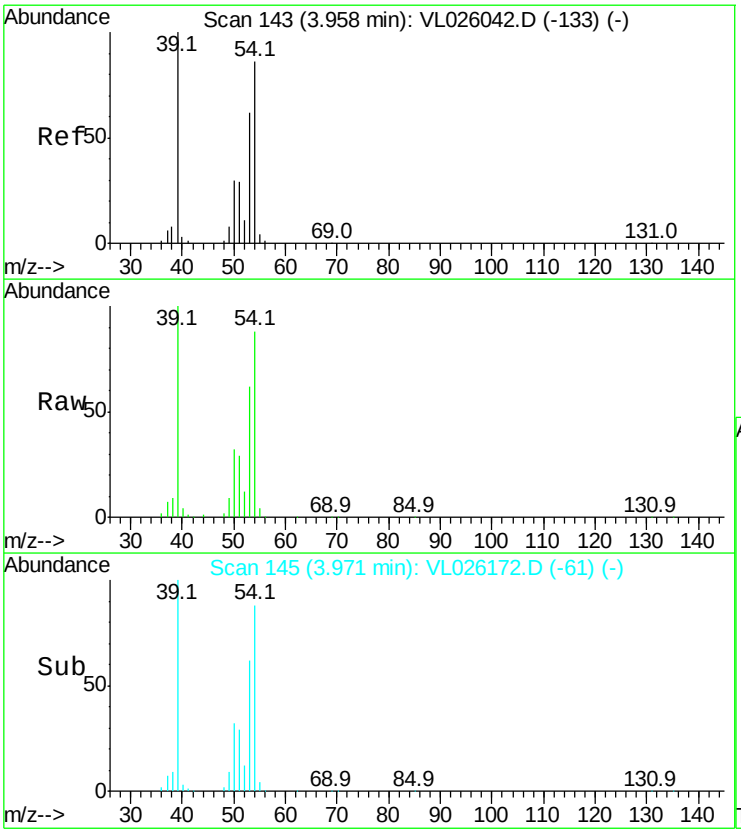
#15
Acetone
Concen: 8.51 ppbv
RT: 4.60 min Scan# 248
Delta R.T. 0.01 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 923735

Ion	Ratio	Lower	Upper
43	100		
58	27.5	22.2	33.4

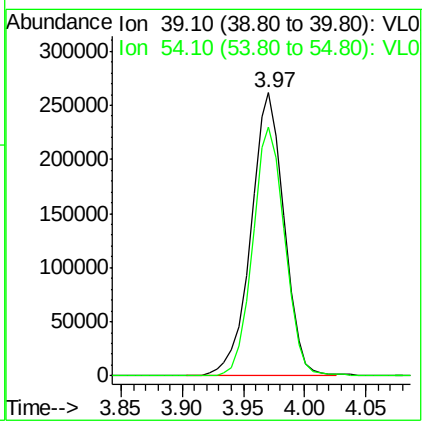


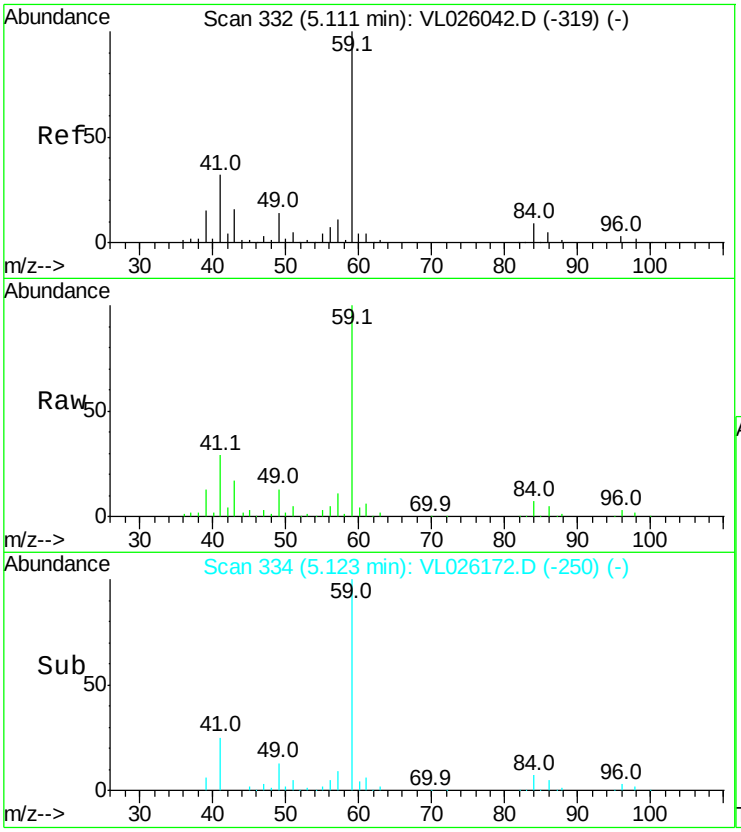


#16
1,3-Butadiene
Concen: 9.20 ppbv
RT: 3.97 min Scan# 145
Delta R.T. 0.01 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Tgt Ion: 39 Resp: 495704

Ion	Ratio	Lower	Upper
39	100		
54	84.9	67.0	100.6



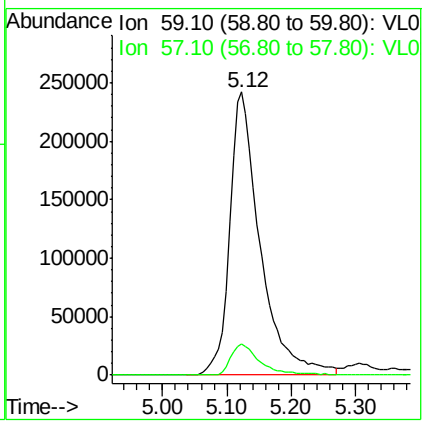


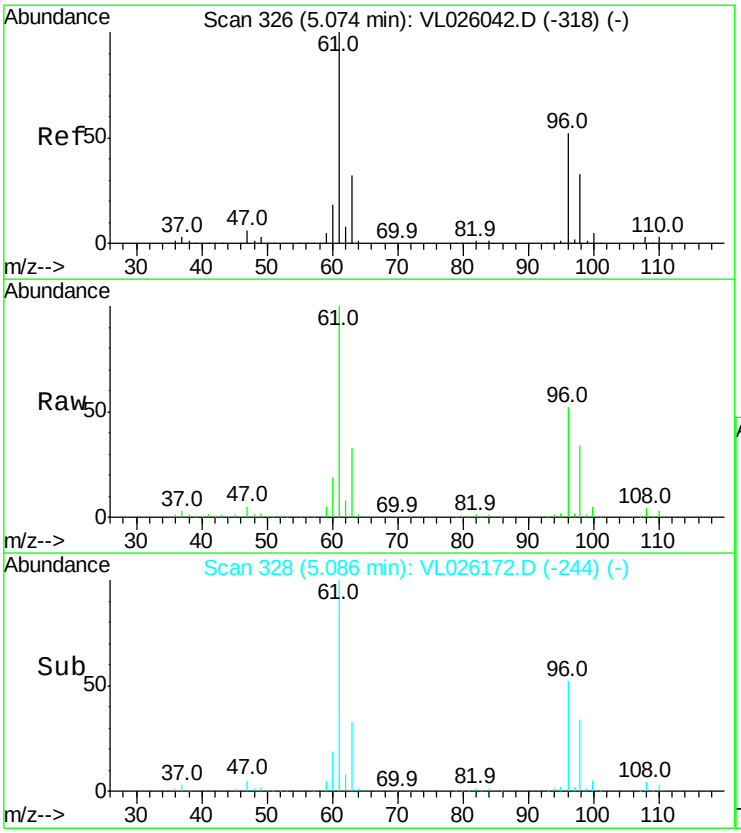
#17
tert-Butyl alcohol
Concen: 11.33 ppbv
RT: 5.12 min Scan# 334
Delta R.T. 0.01 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 59 Resp: 799172

Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.6	12.8

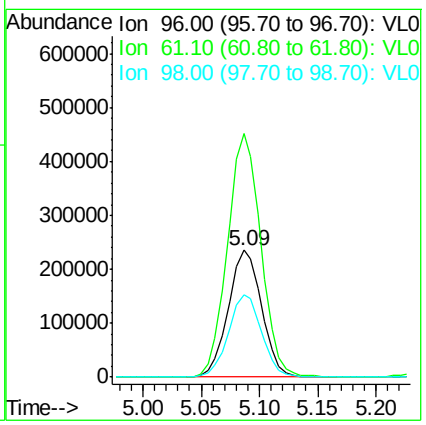


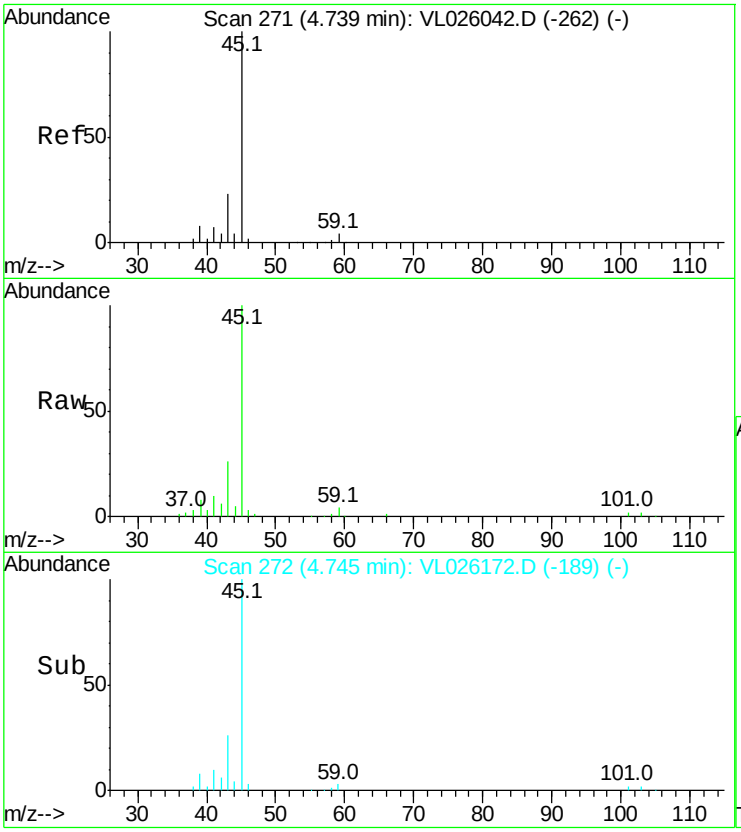


#18
1,1-Dichloroethene
Concen: 10.09 ppbv
RT: 5.09 min Scan# 328
Delta R.T. 0.01 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Tgt Ion: 96 Resp: 468436

Ion	Ratio	Lower	Upper
96	100		
61	191.5	152.5	228.7
98	65.1	51.0	76.6



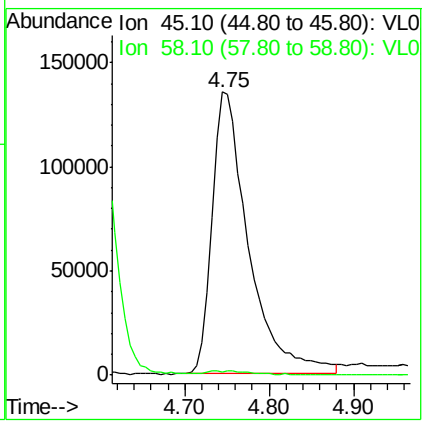


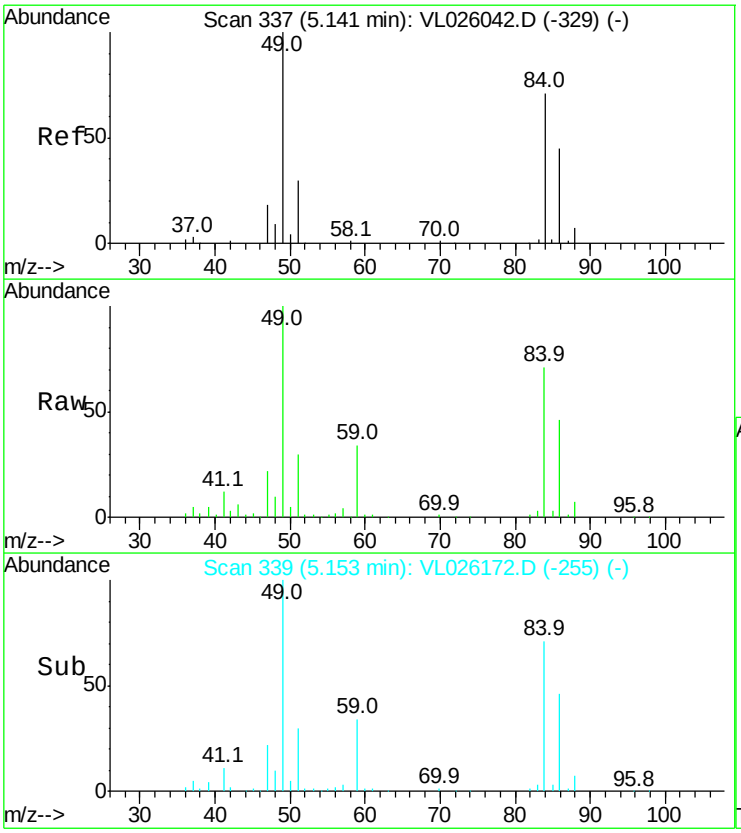
#19
Isopropyl Alcohol
Concen: 8.90 ppbv
RT: 4.75 min Scan# 272
Delta R.T. 0.01 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 45 Resp: 404454

Ion	Ratio	Lower	Upper
45	100		
58	2.1	1.4	2.0#

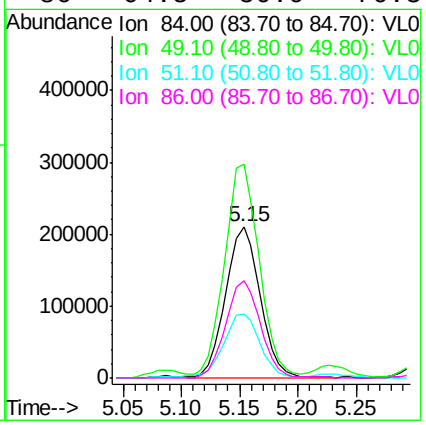


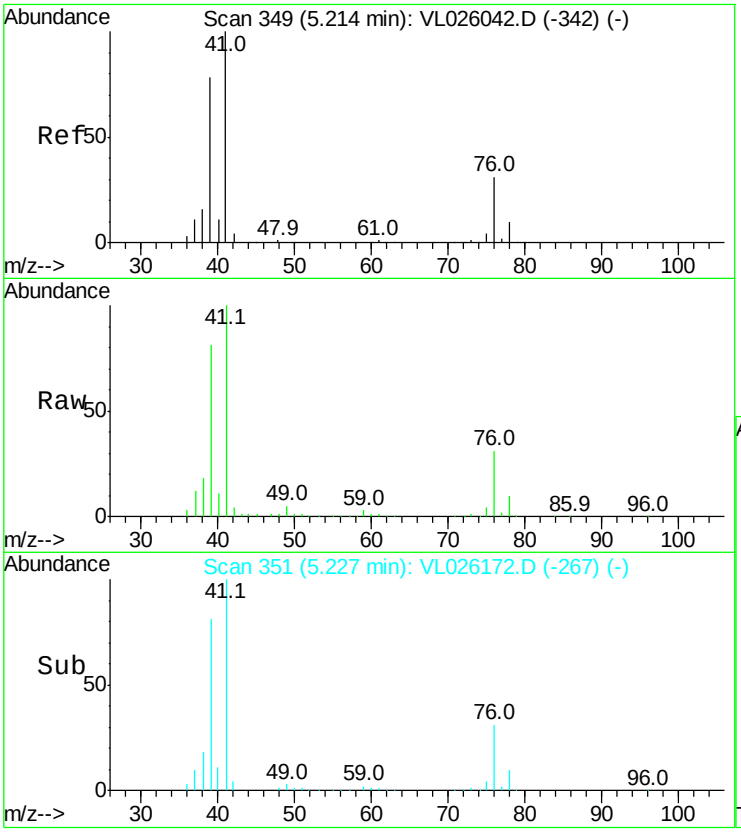


#20
Methylene Chloride
Concen: 9.50 ppbv
RT: 5.15 min Scan# 339
Delta R.T. 0.01 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Tgt Ion: 84 Resp: 438775

Ion	Ratio	Lower	Upper
84	100		
49	139.1	112.9	169.3
51	41.3	34.0	51.0
86	64.5	50.9	76.3



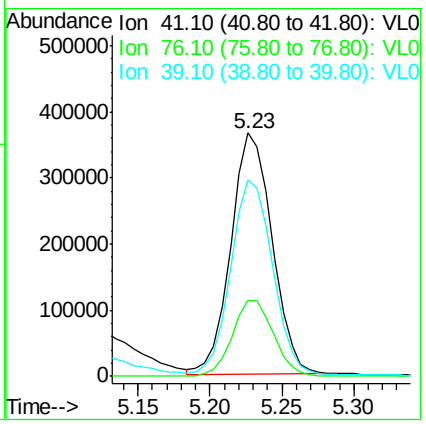


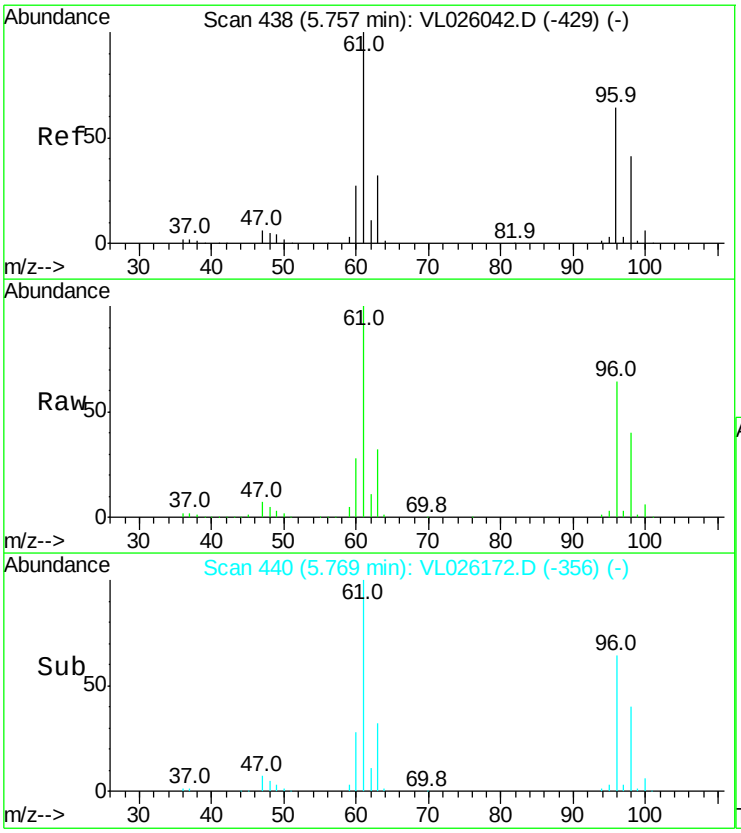
#21
Allyl Chloride
Concen: 9.72 ppbv
RT: 5.23 min Scan# 351
Delta R.T. 0.01 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 41 Resp: 728790

Ion	Ratio	Lower	Upper
41	100		
76	31.8	24.6	37.0
39	83.1	63.7	95.5

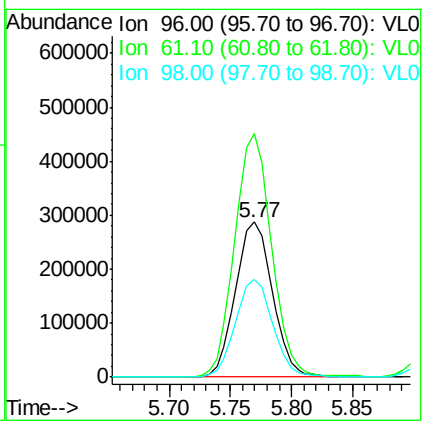


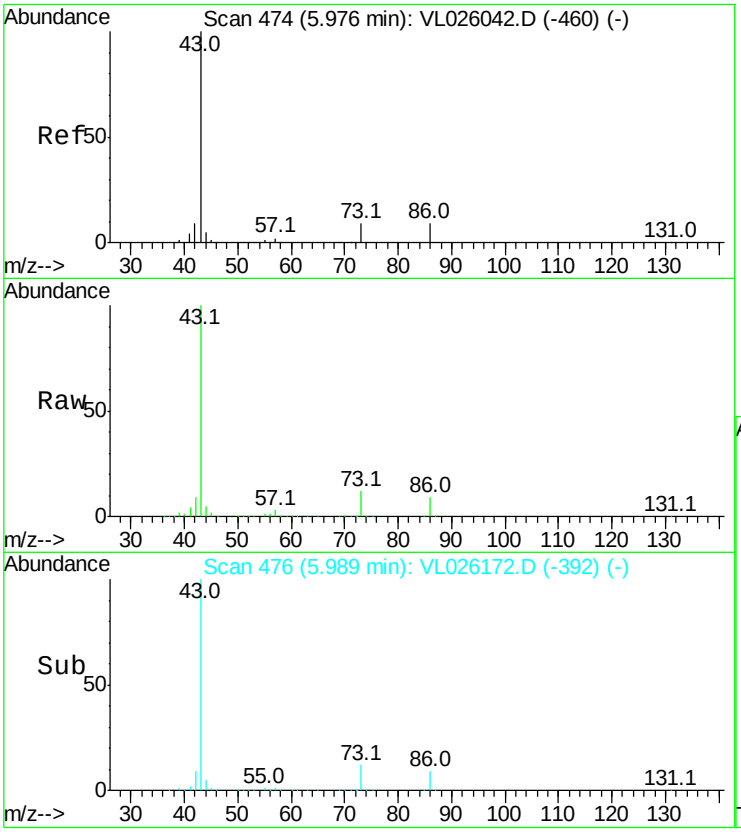


#22
trans-1,2-Dichloroethene
Concen: 9.72 ppbv
RT: 5.77 min Scan# 440
Delta R.T. 0.01 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Tgt Ion: 96 Resp: 606322

Ion	Ratio	Lower	Upper
96	100		
61	157.2	124.4	186.6
98	63.2	51.3	76.9



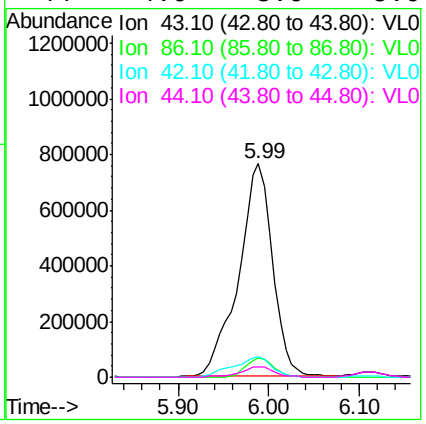


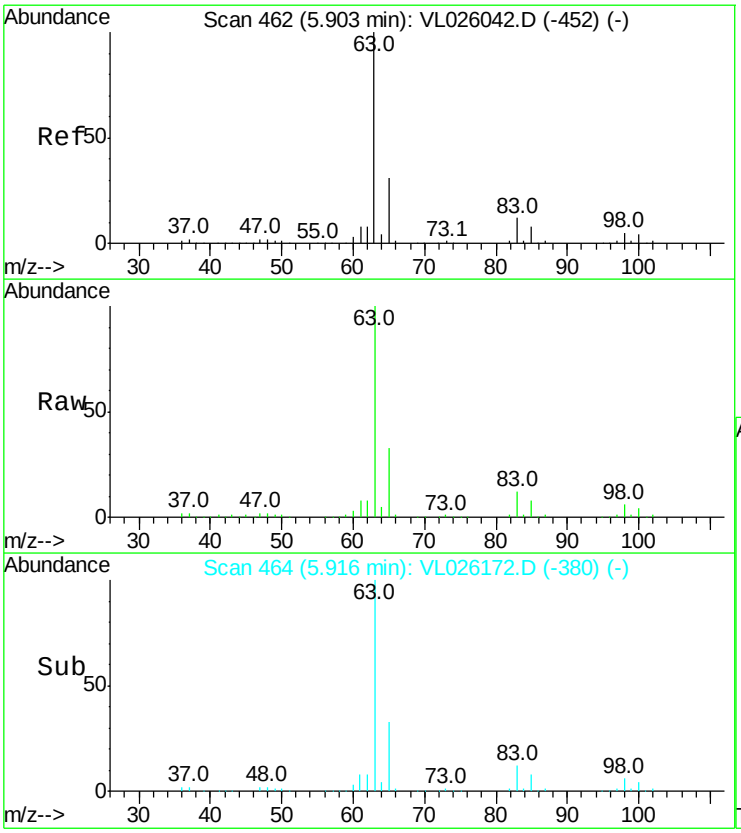
#23
Vinyl Acetate
Concen: 9.70 ppbv
RT: 5.99 min Scan# 476
Delta R.T. 0.01 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 43 Resp: 1996189

Ion	Ratio	Lower	Upper
43	100		
86	9.0	6.9	10.3
42	9.3	7.1	10.7
44	4.9	3.9	5.9

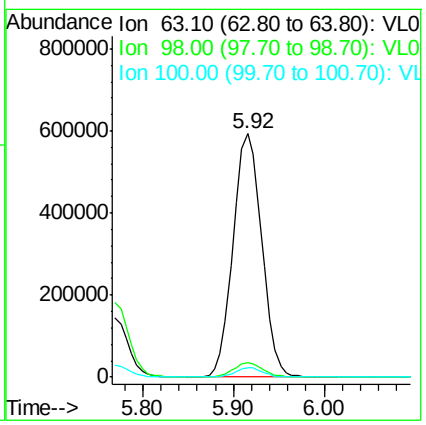


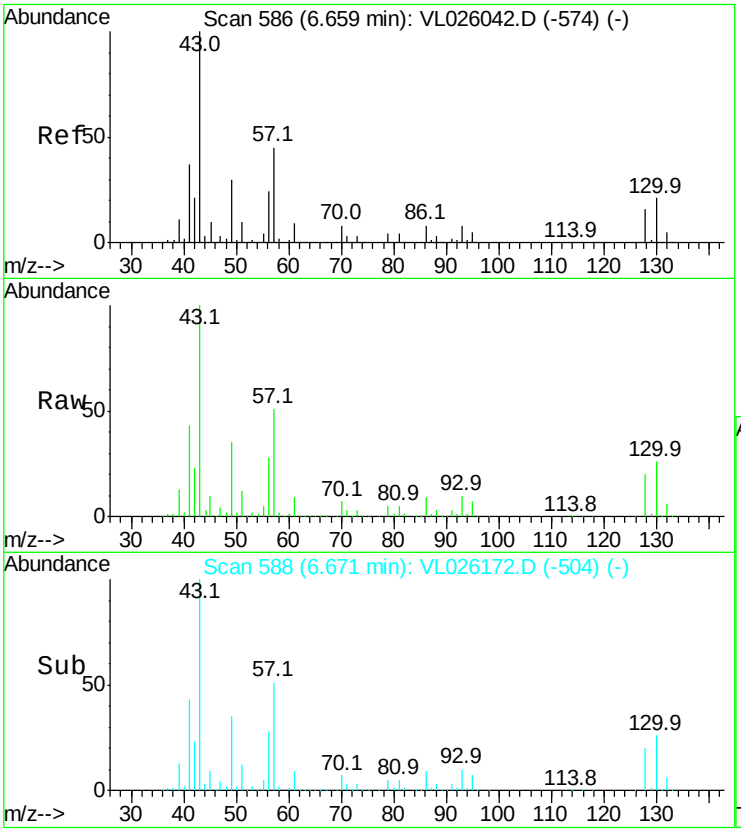


#24
1,1-Dichloroethane
Concen: 9.38 ppbv
RT: 5.92 min Scan# 464
Delta R.T. 0.01 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Tgt Ion: 63 Resp: 1302035

Ion	Ratio	Lower	Upper
63	100		
98	5.8	2.8	8.3
100	3.7	1.8	5.5



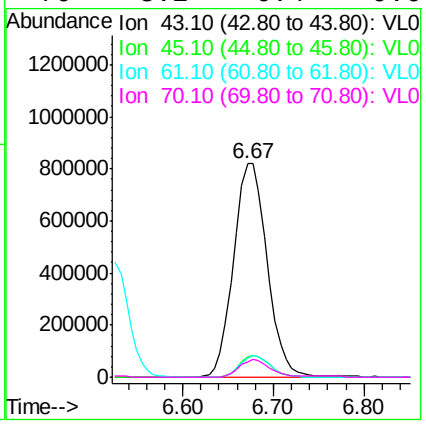


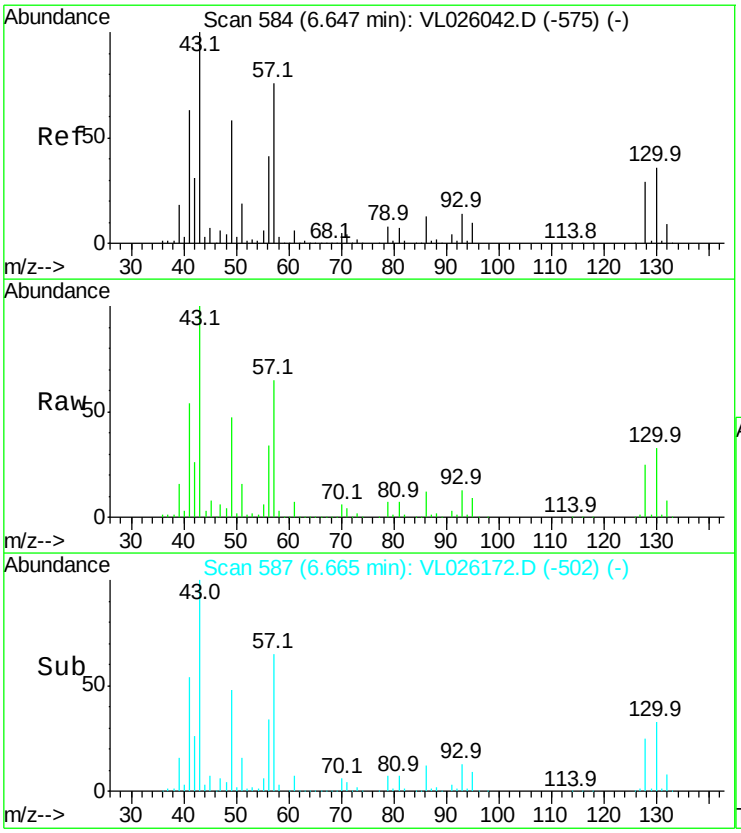
#25
Ethyl Acetate
Concen: 9.11 ppbv
RT: 6.67 min Scan# 588
Delta R.T. 0.01 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 2100870

Ion	Ratio	Lower	Upper
43	100		
45	9.6	7.8	11.6
61	9.3	7.4	11.2
70	8.2	6.4	9.6

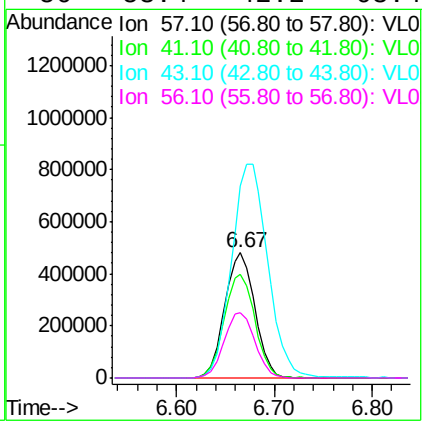


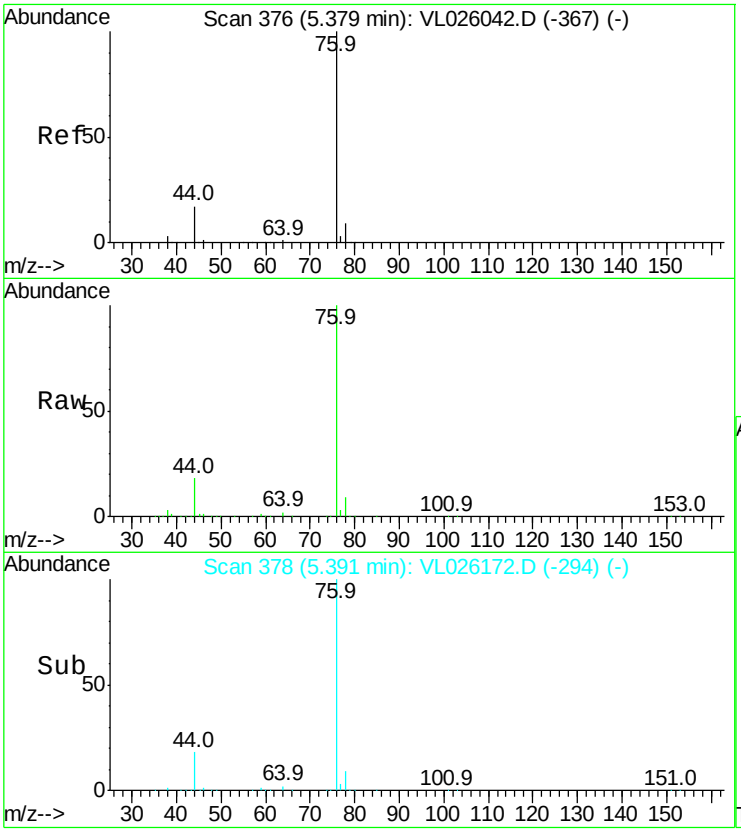


#26
Hexane
Concen: 9.30 ppbv
RT: 6.67 min Scan# 587
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Tgt Ion: 57 Resp: 1027953

Ion	Ratio	Lower	Upper
57	100		
41	85.0	66.9	100.3
43	205.5	167.2	250.8
56	53.4	42.2	63.4



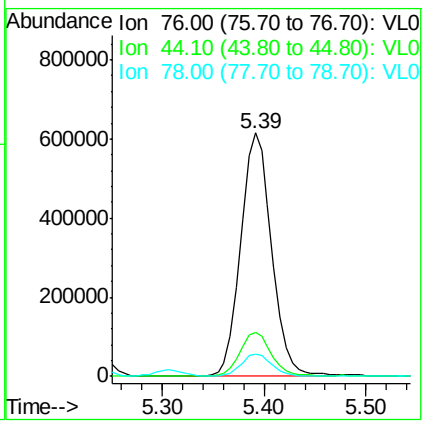


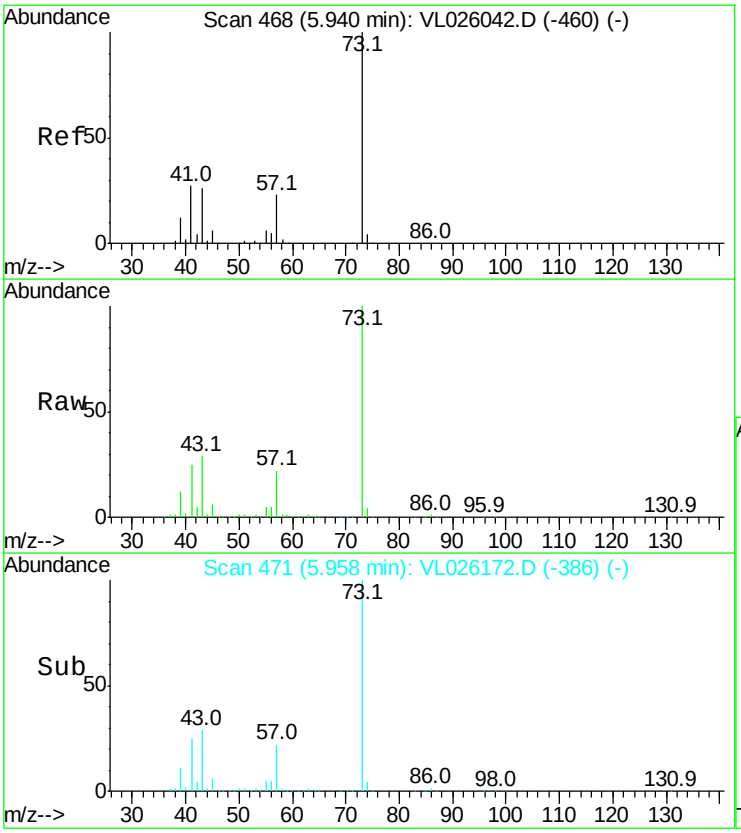
#27
Carbon Disulfide
Concen: 10.95 ppbv
RT: 5.39 min Scan# 378
Delta R.T. 0.01 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 76 Resp: 1295757

Ion	Ratio	Lower	Upper
76	100		
44	17.8	13.8	20.8
78	9.4	7.4	11.0

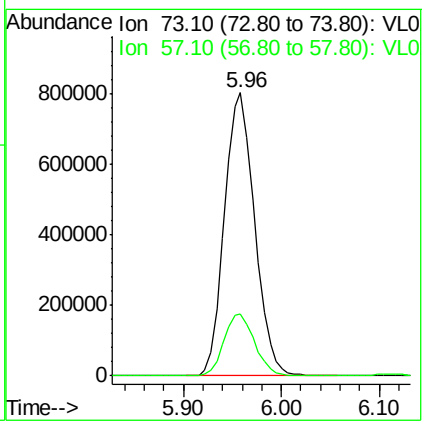


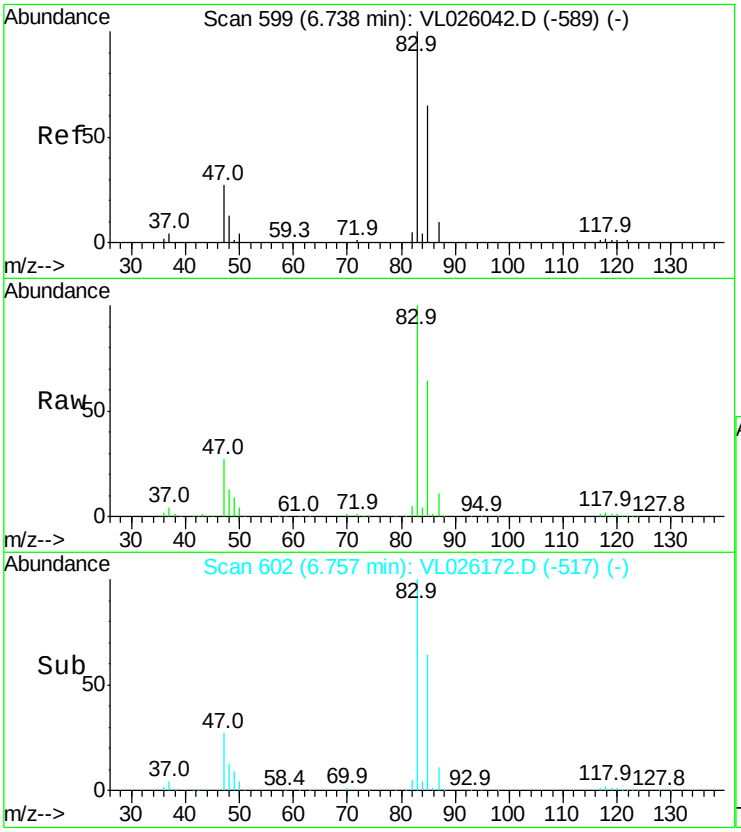


#28
Methyl tert-Butyl Ether
Concen: 10.25 ppbv
RT: 5.96 min Scan# 471
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Tgt Ion: 73 Resp: 1724124

Ion	Ratio	Lower	Upper
73	100		
57	22.2	18.7	28.1



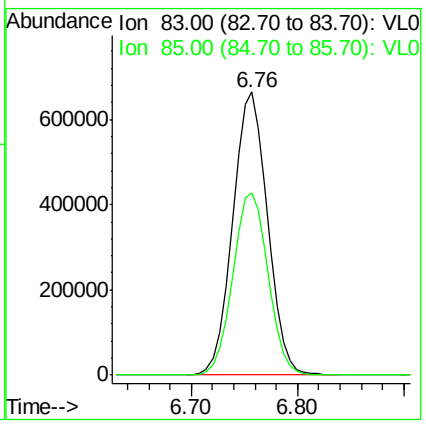


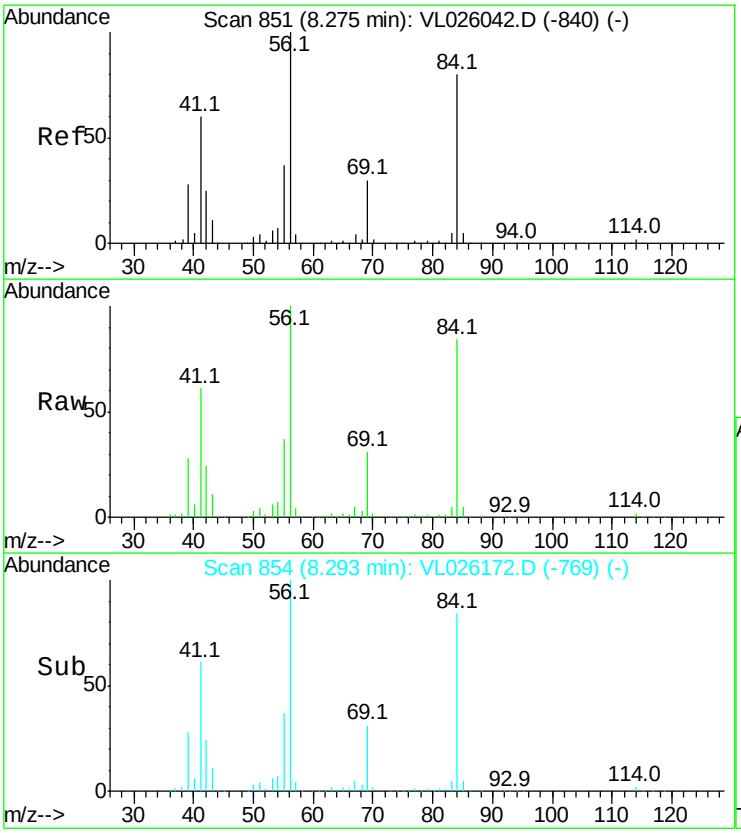
#29
Chloroform
Concen: 9.94 ppbv
RT: 6.76 min Scan# 602
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 83 Resp: 1525342

Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.2	78.2

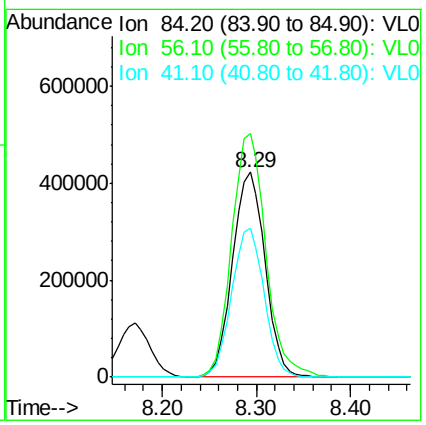


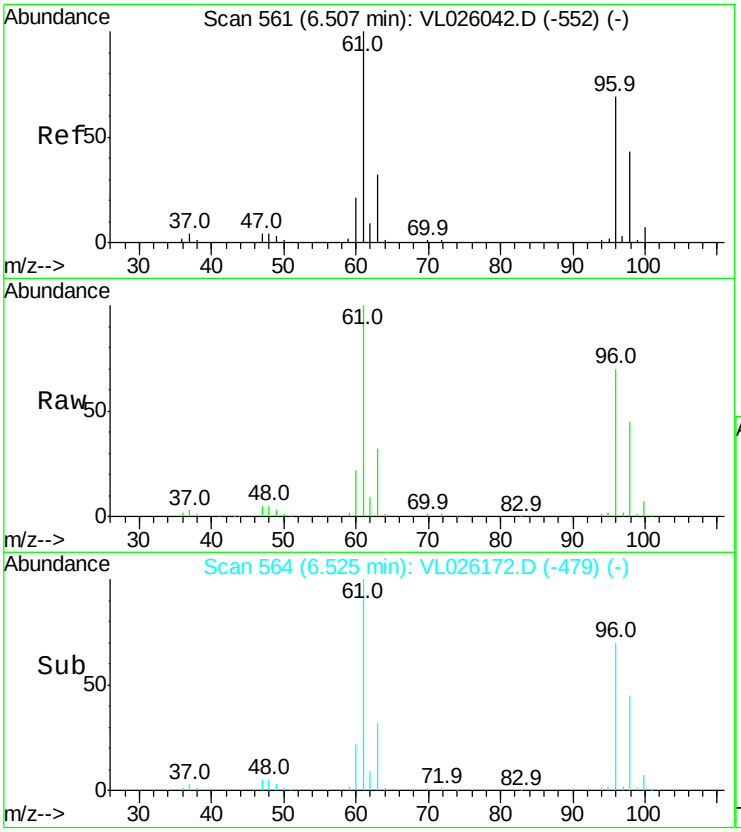


#30
Cyclohexane
Concen: 9.68 ppbv
RT: 8.29 min Scan# 854
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Tgt Ion: 84 Resp: 1022495

Ion	Ratio	Lower	Upper
84	100		
56	124.8	105.0	157.4
41	72.6	60.7	91.1



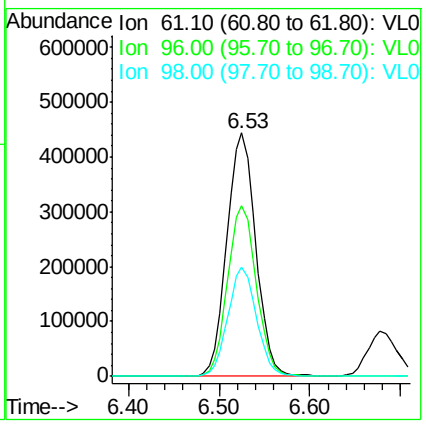


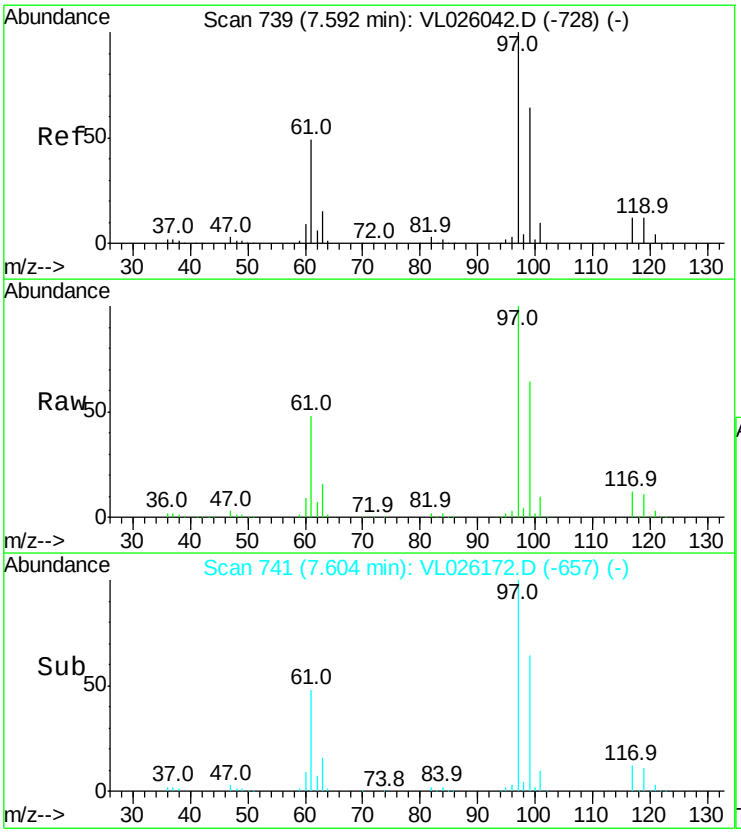
#31
cis-1,2-Dichloroethene
Concen: 9.75 ppbv
RT: 6.53 min Scan# 564
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 61 Resp: 985950

Ion	Ratio	Lower	Upper
61	100		
96	69.8	54.9	82.3
98	44.7	34.4	51.6

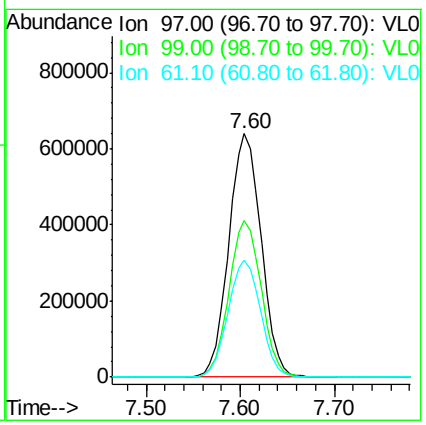


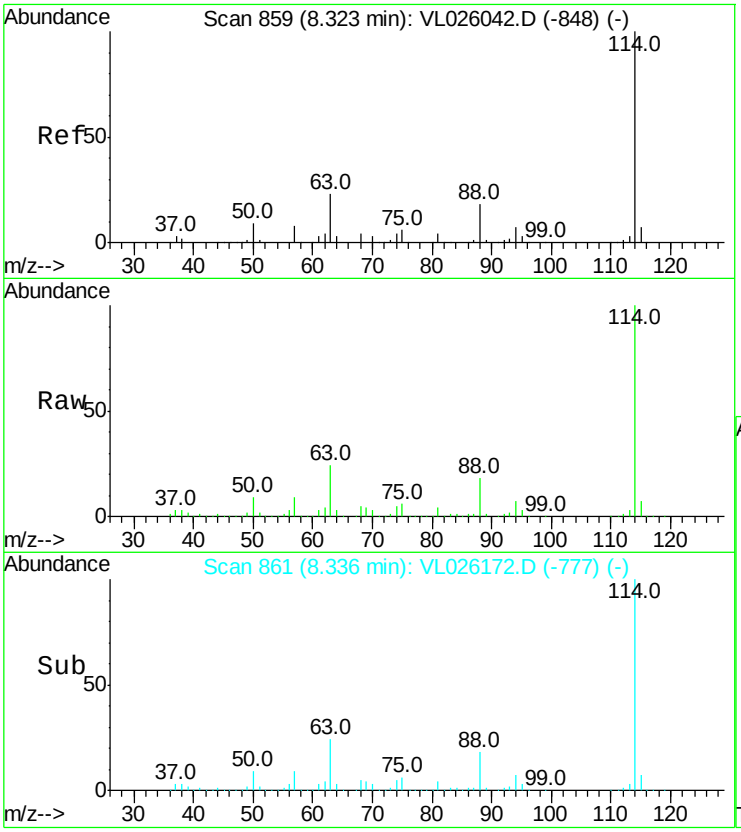


#32
1,1,1-Trichloroethane
Concen: 9.98 ppbv
RT: 7.60 min Scan# 741
Delta R.T. 0.01 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Tgt Ion: 97 Resp: 1532201

Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.3	76.9
61	48.4	39.9	59.9



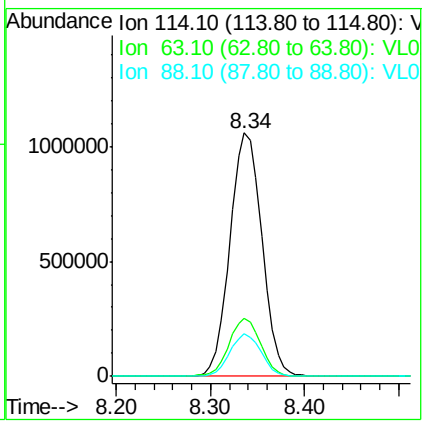


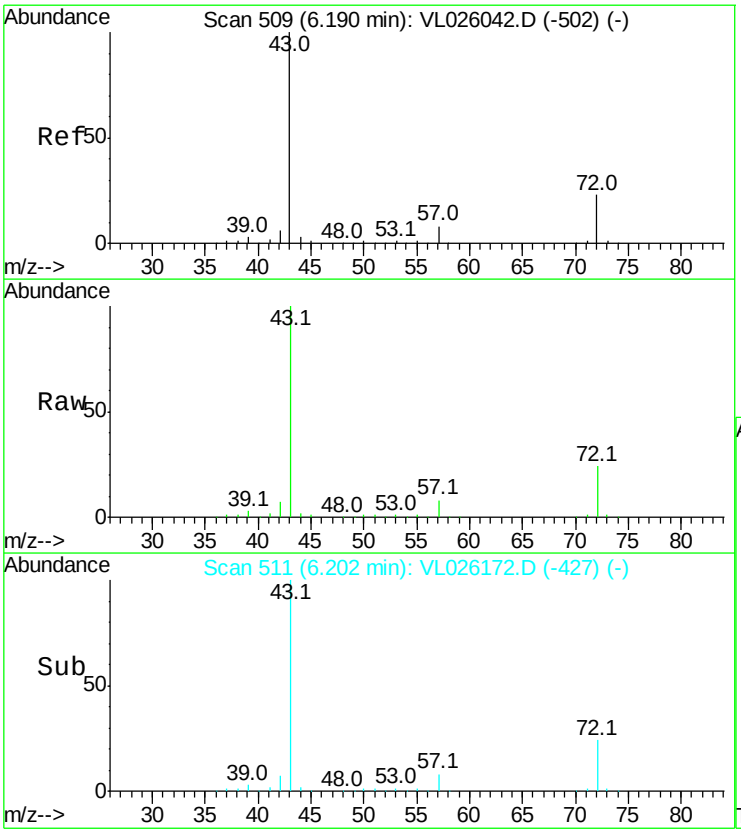
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.34 min Scan# 861
Delta R.T. 0.01 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:114 Resp: 2513217

Ion	Ratio	Lower	Upper
114	100		
63	23.8	19.2	28.8
88	17.3	13.8	20.6

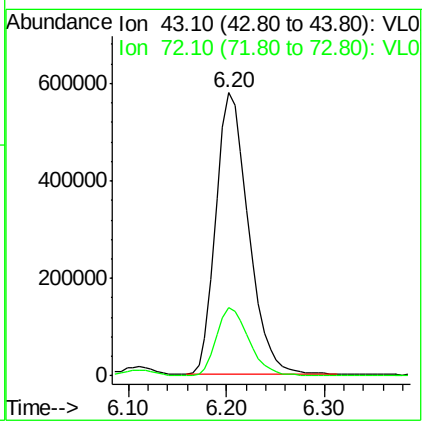


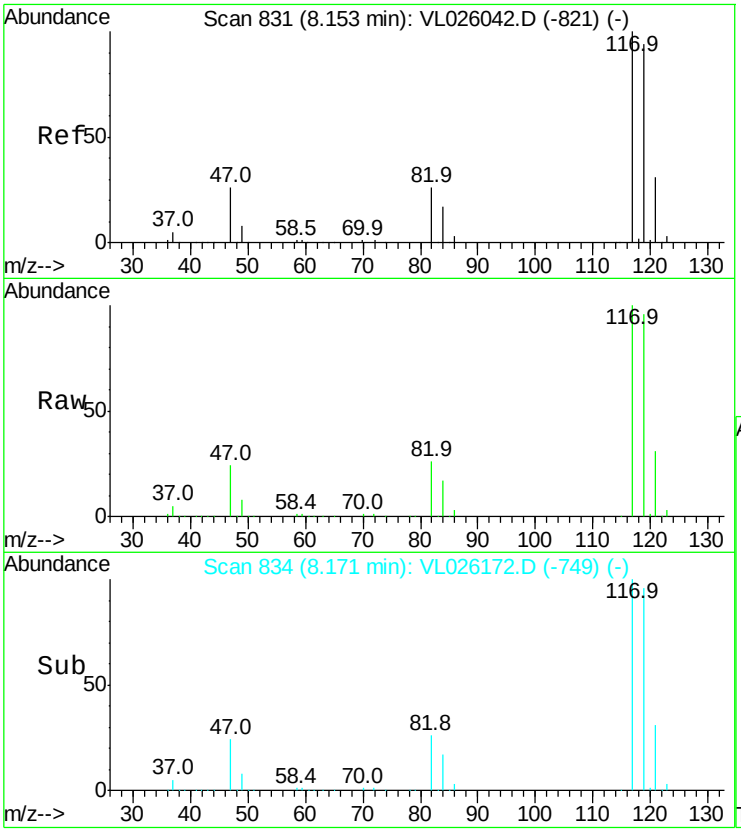


#34
2-Butanone
Concen: 8.35 ppbv
RT: 6.20 min Scan# 511
Delta R.T. 0.01 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Tgt Ion: 43 Resp: 1346669

Ion	Ratio	Lower	Upper
43	100		
72	24.5	18.7	28.1



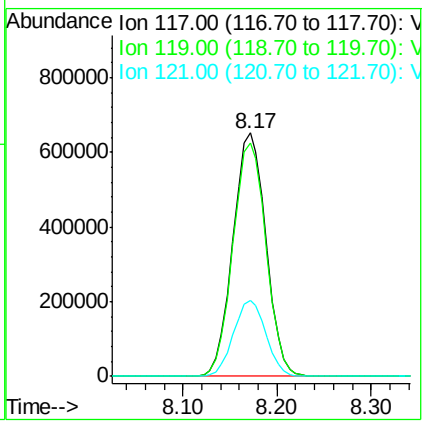


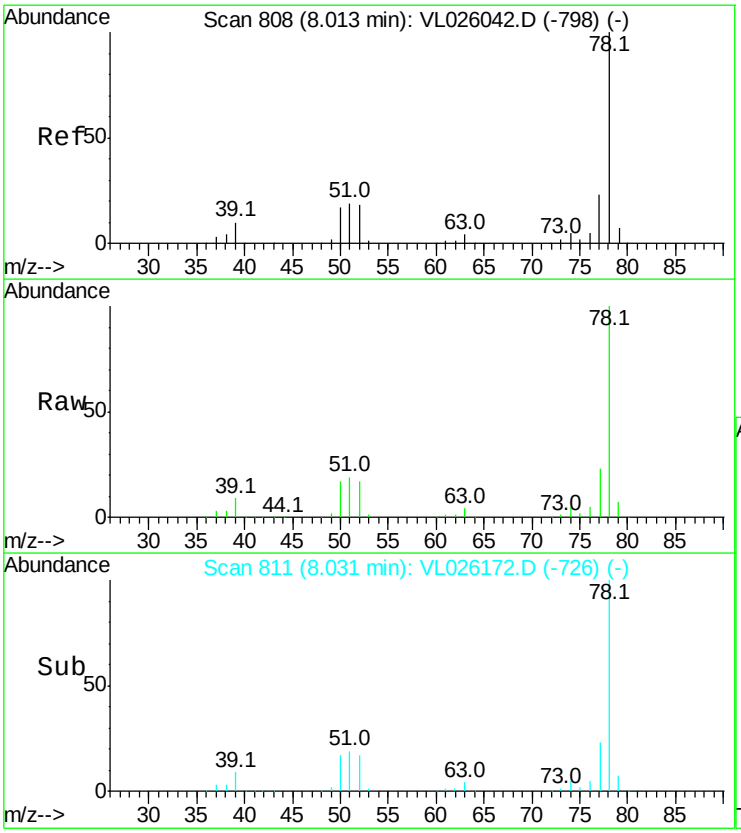
#35
Carbon Tetrachloride
Concen: 9.45 ppbv
RT: 8.17 min Scan# 834
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:117 Resp: 1593170

Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.5	113.3
121	31.2	24.7	37.1

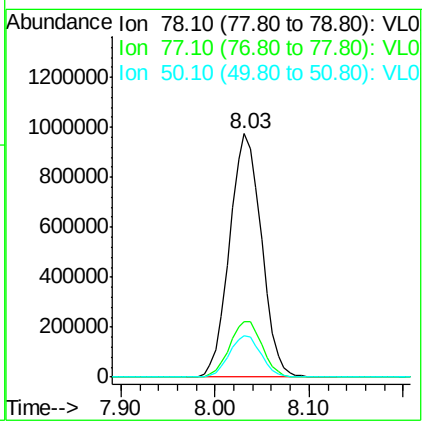


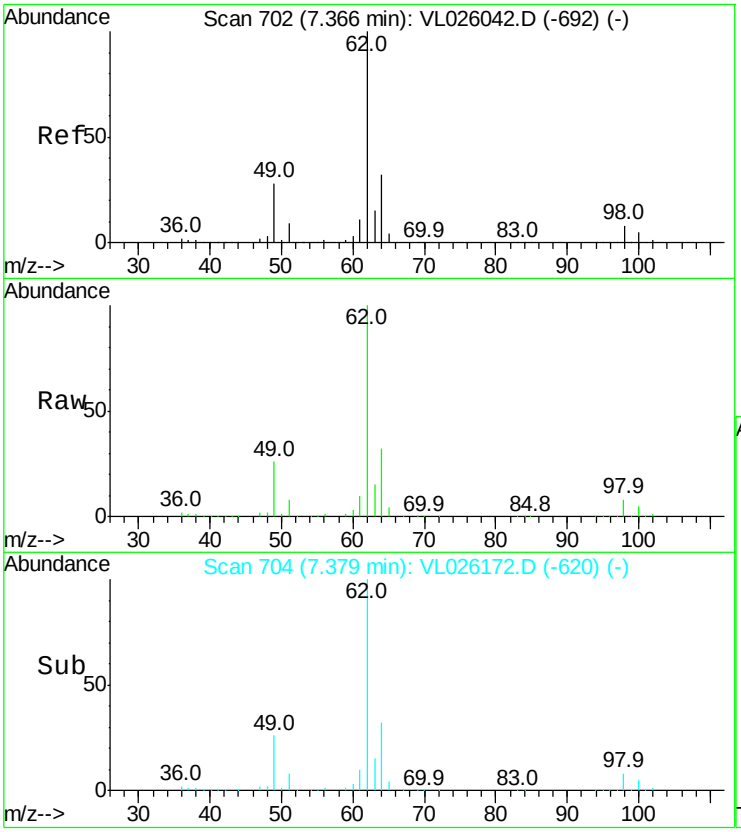


#36
Benzene
Concen: 8.68 ppbv
RT: 8.03 min Scan# 811
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Tgt Ion: 78 Resp: 2306398

Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.6	28.0
50	16.8	13.7	20.5



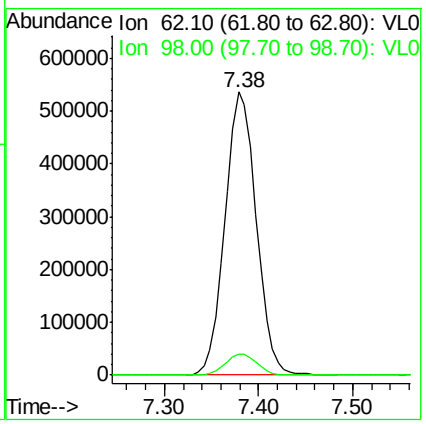


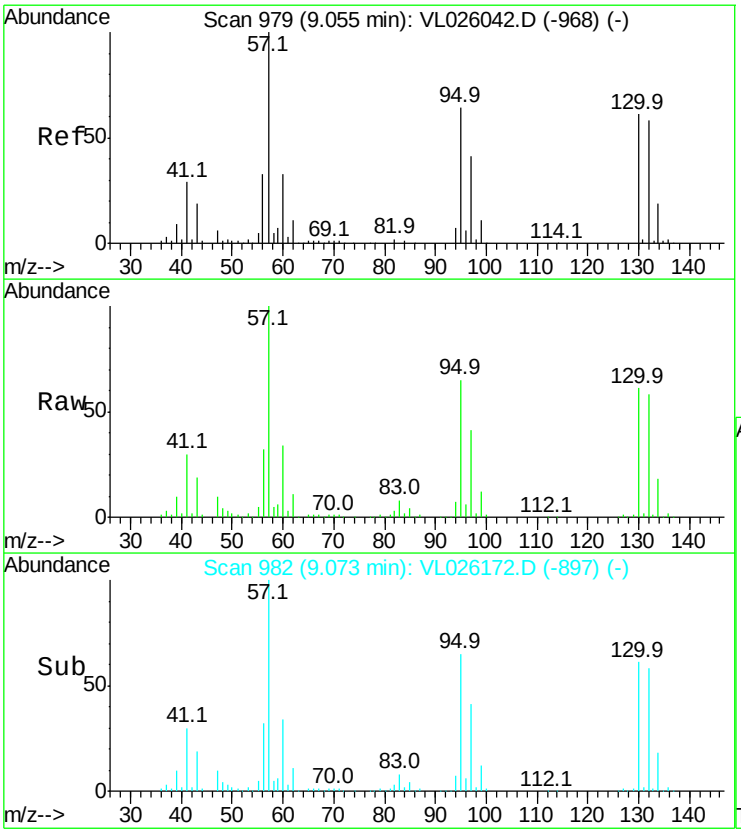
#37
1,2-Dichloroethane
Concen: 9.34 ppbv
RT: 7.38 min Scan# 704
Delta R.T. 0.01 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 62 Resp: 1239833

Ion	Ratio	Lower	Upper
62	100		
98	7.7	6.4	9.6

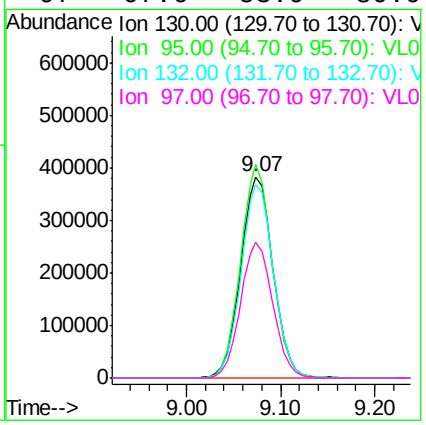


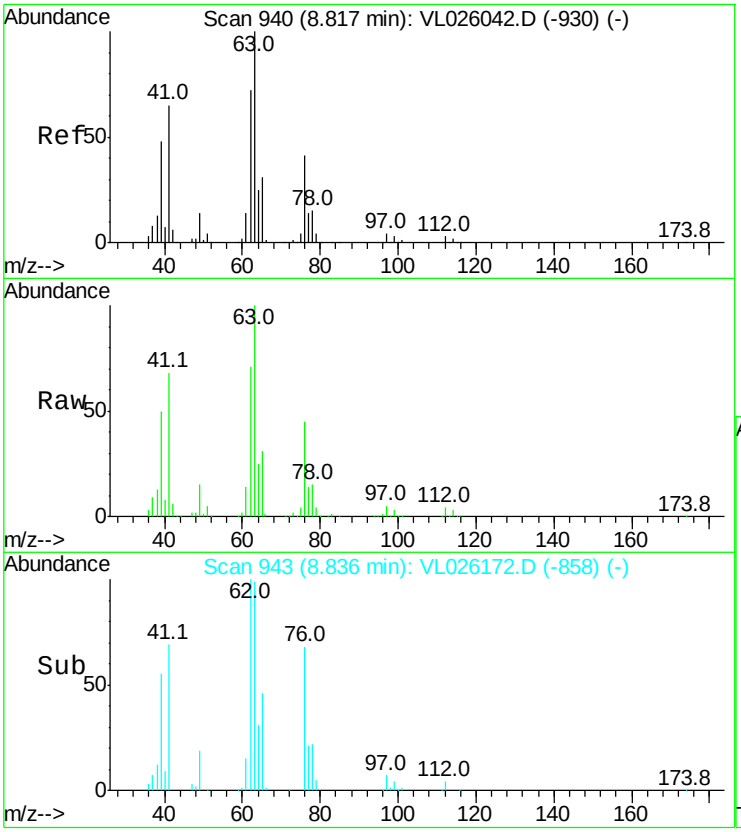


#38
Trichloroethene
Concen: 7.96 ppbv
RT: 9.07 min Scan# 982
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Tgt Ion:130 Resp: 924816

Ion	Ratio	Lower	Upper
130	100		
95	106.1	84.2	126.4
132	96.0	76.4	114.6
97	67.6	53.9	80.9



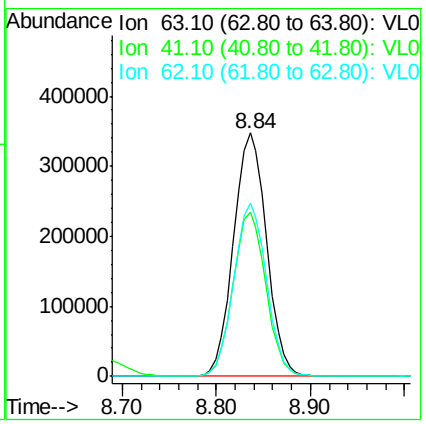


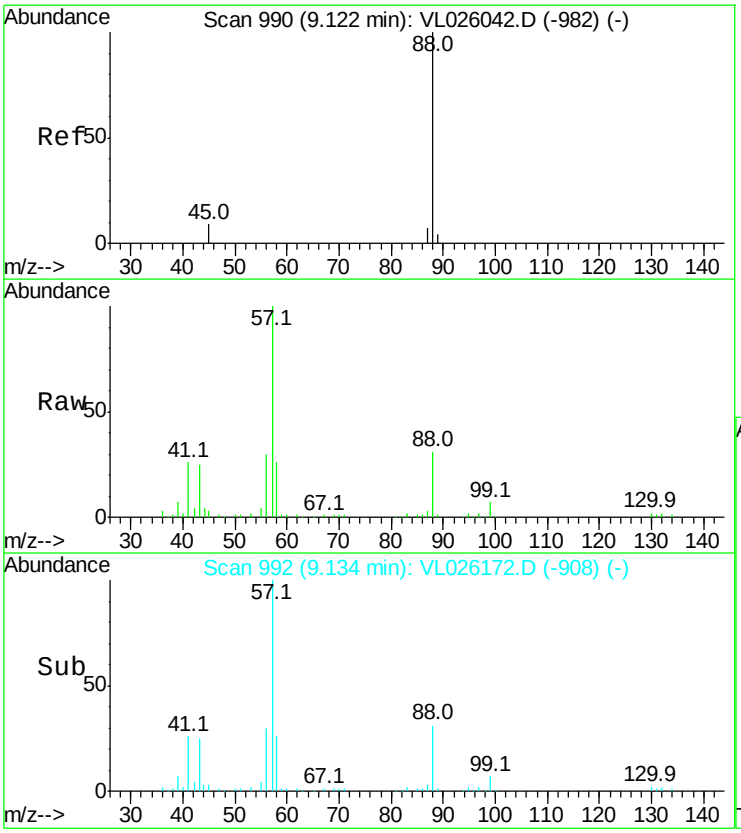
#39
1,2-Dichloropropane
Concen: 8.54 ppbv
RT: 8.84 min Scan# 943
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 63 Resp: 851645

Ion	Ratio	Lower	Upper
63	100		
41	67.4	52.1	78.1
62	71.4	57.5	86.3

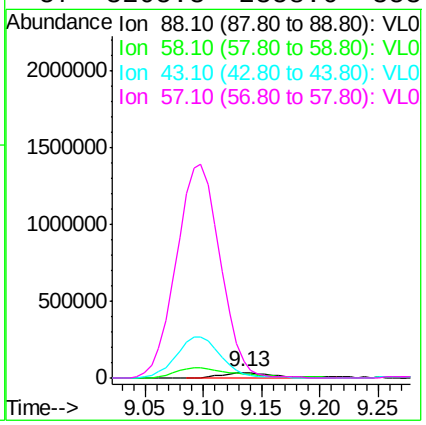


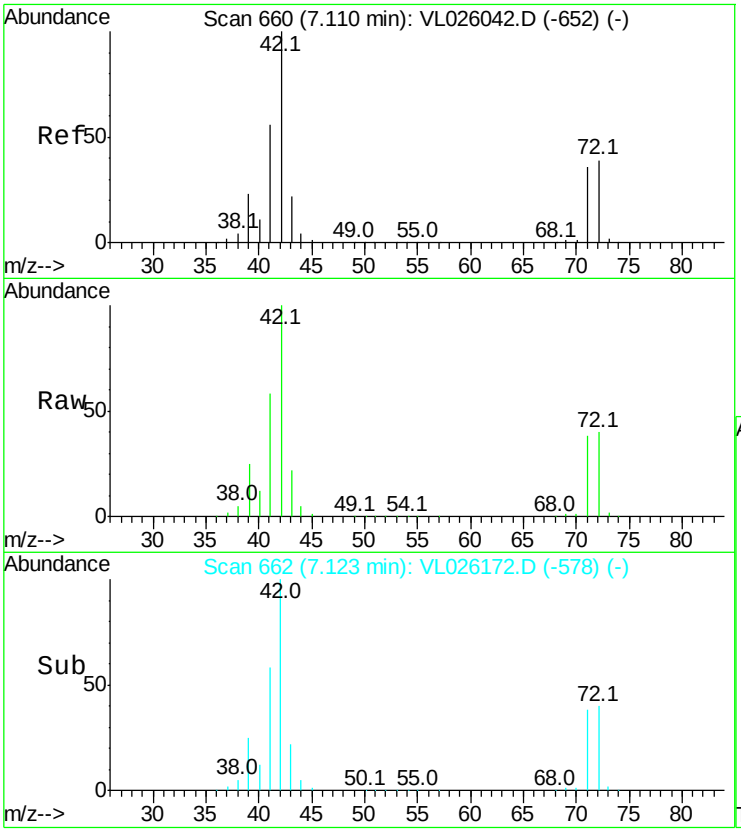


#40
1,4-Dioxane
Concen: 7.85 ppbv
RT: 9.13 min Scan# 992
Delta R.T. 0.01 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Tgt Ion: 88 Resp: 114607

Ion	Ratio	Lower	Upper
88	100		
58	223.0	165.8	248.8
43	637.8	472.6	708.8
57	3205.3	2358.6	3537.8



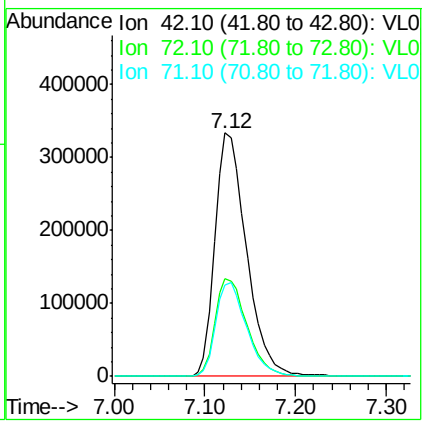


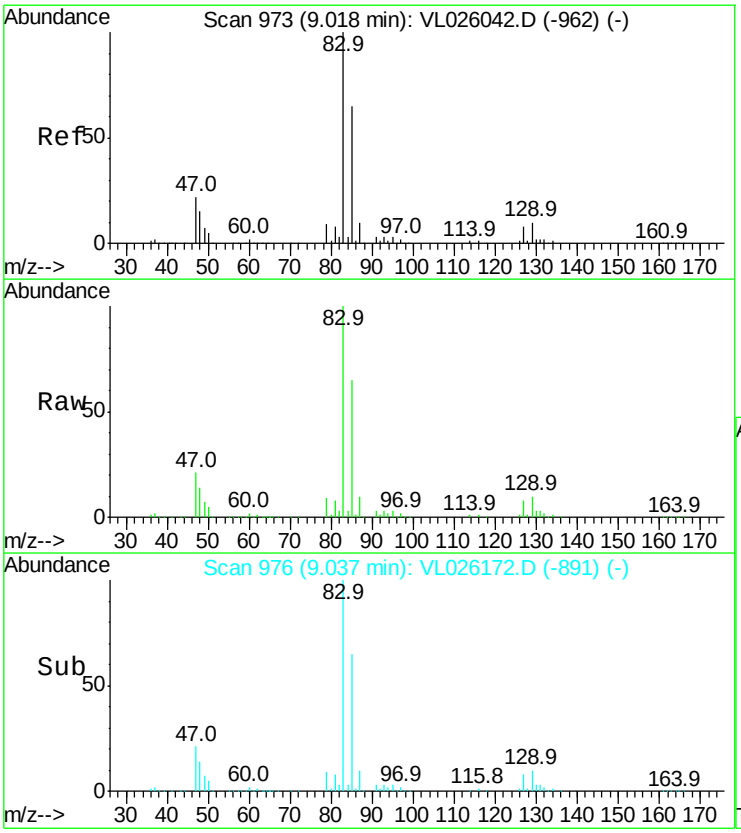
#41
Tetrahydrofuran
Concen: 8.61 ppbv
RT: 7.12 min Scan# 662
Delta R.T. 0.01 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 42 Resp: 814157

Ion	Ratio	Lower	Upper
42	100		
72	40.5	30.4	45.6
71	37.8	28.6	43.0

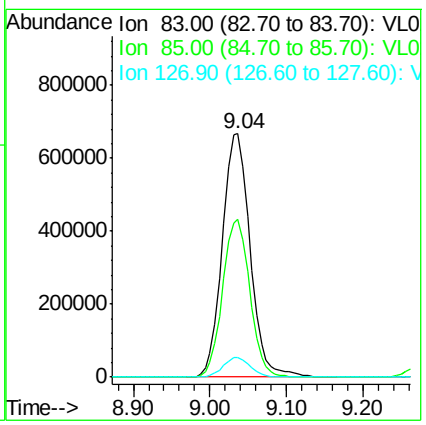


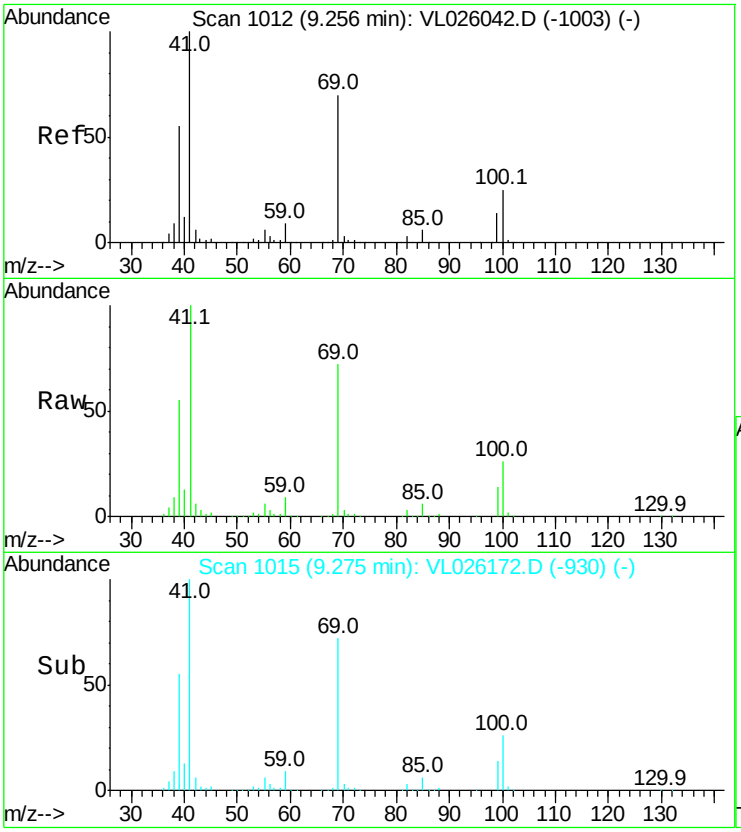


#42
Bromodichloromethane
Concen: 9.63 ppbv
RT: 9.04 min Scan# 976
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Tgt Ion: 83 Resp: 1683937

Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.8	77.8
127	7.8	6.3	9.5



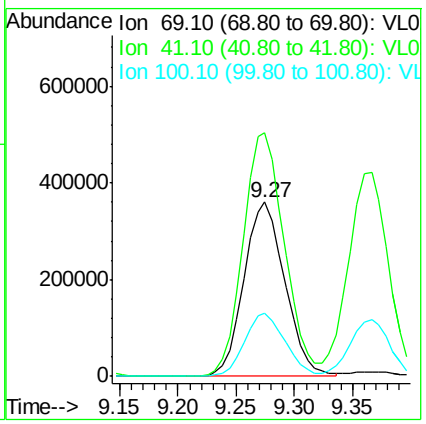


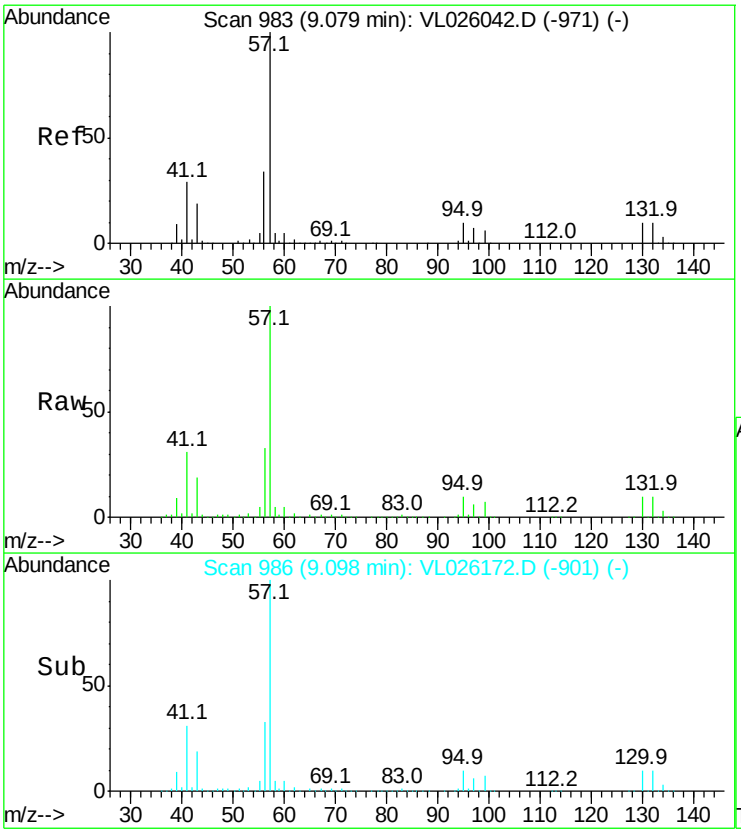
#43
Methyl Methacrylate
Concen: 9.34 ppbv
RT: 9.27 min Scan# 1015
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 69 Resp: 881000

Ion	Ratio	Lower	Upper
69	100		
41	139.4	116.6	174.8
100	35.5	28.2	42.4

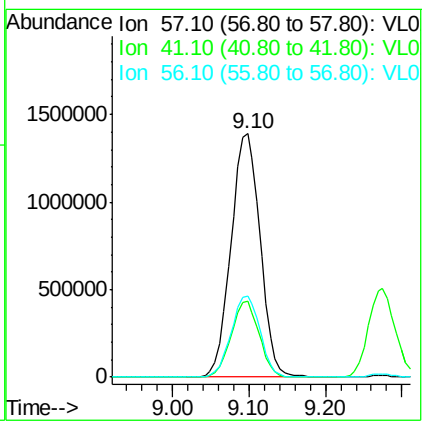


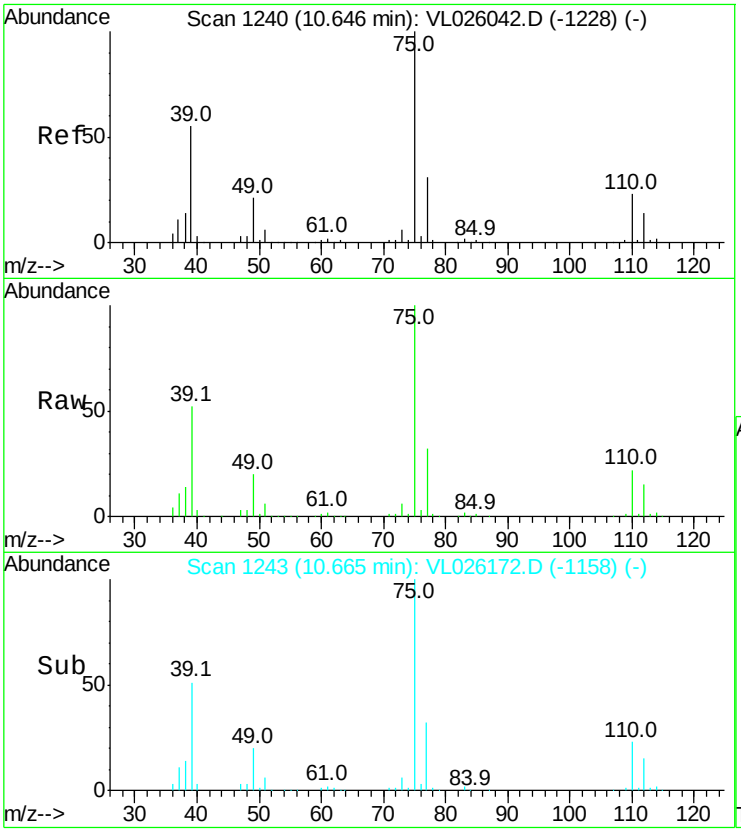


#44
2,2,4-Trimethylpentane
Concen: 8.15 ppbv
RT: 9.10 min Scan# 986
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Tgt Ion: 57 Resp: 3669230

Ion	Ratio	Lower	Upper
57	100		
41	29.6	23.1	34.7
56	33.0	26.7	40.1



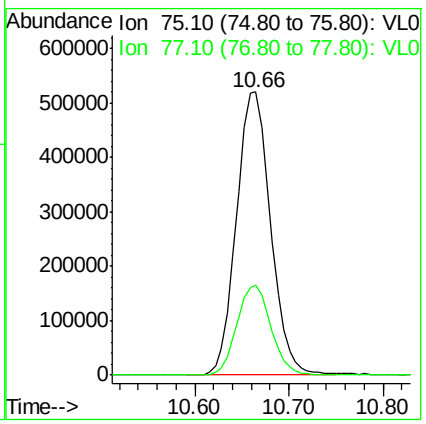


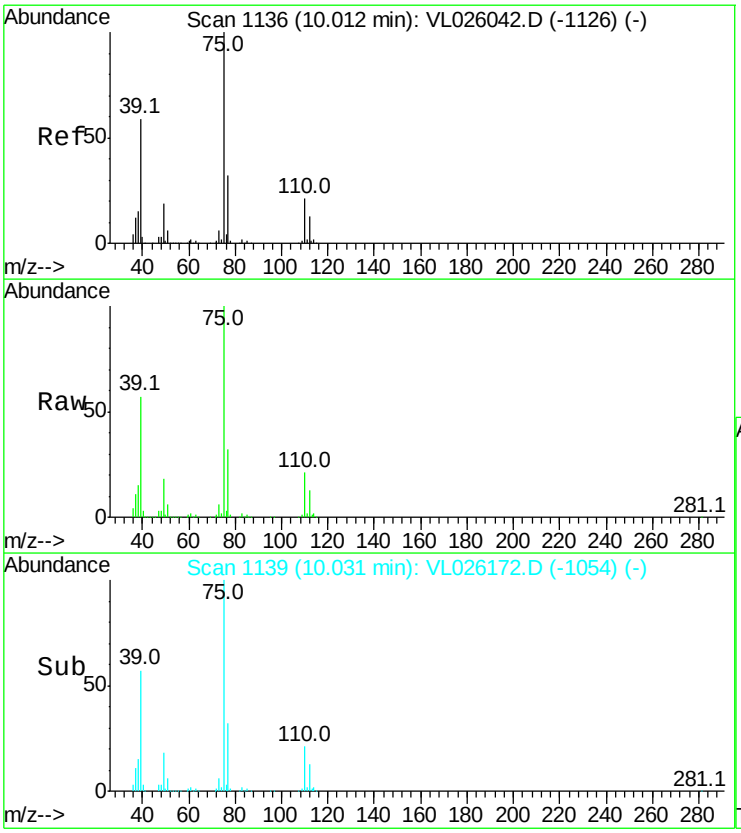
#45
t-1,3-Dichloropropene
Concen: 10.73 ppbv
RT: 10.66 min Scan# 1243
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 75 Resp: 1325696

Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.0	37.4

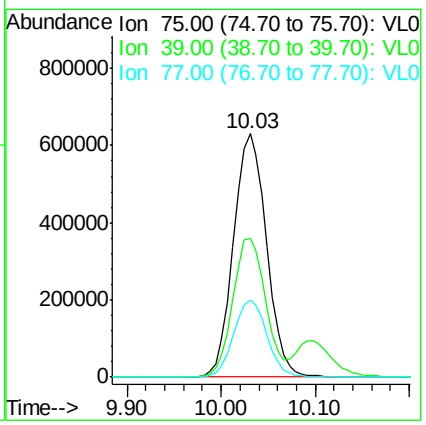


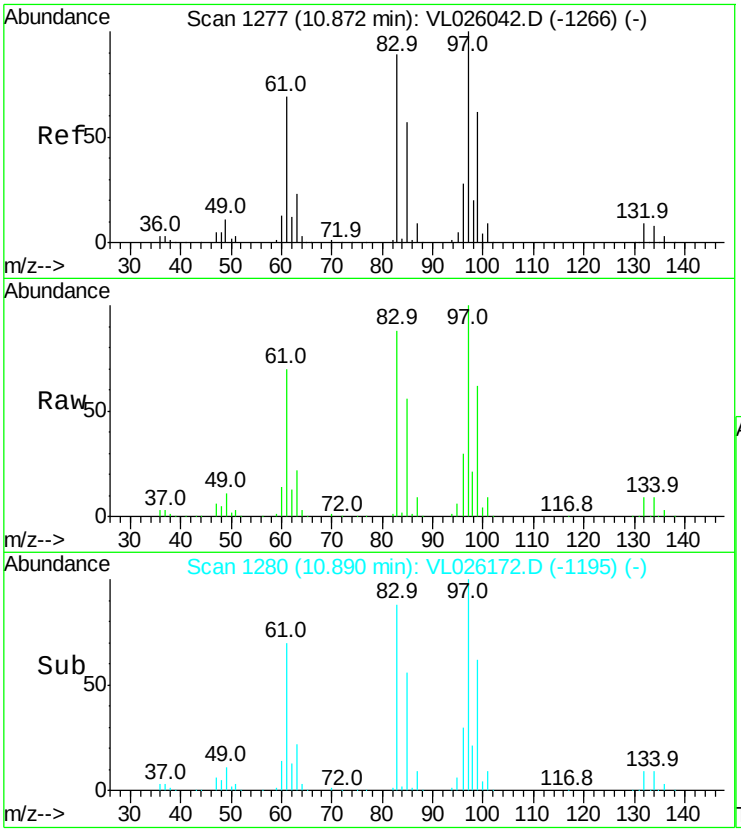


#46
cis-1,3-Dichloropropene
Concen: 10.09 ppbv
RT: 10.03 min Scan# 1139
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Tgt Ion: 75 Resp: 1545373

Ion	Ratio	Lower	Upper
75	100		
39	56.8	47.3	70.9
77	31.8	25.6	38.4



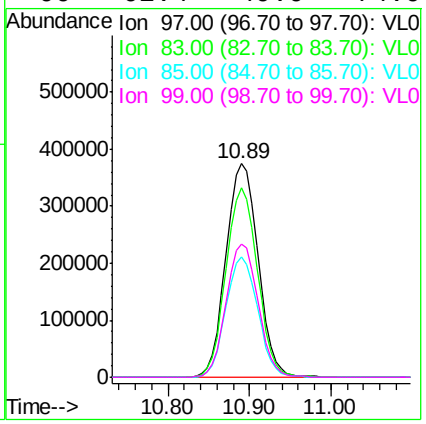


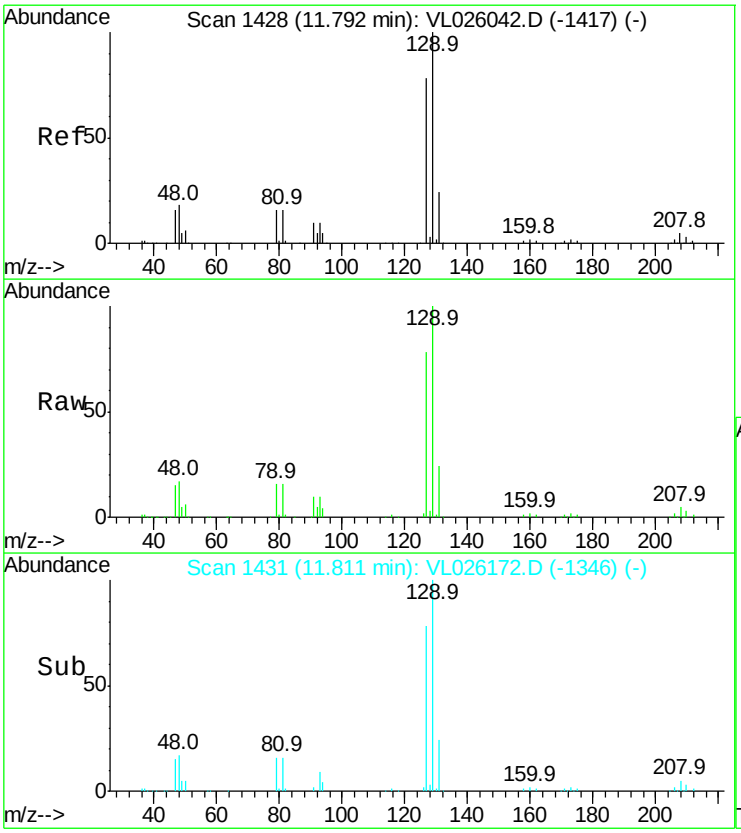
#47
1,1,2-Trichloroethane
Concen: 9.05 ppbv
RT: 10.89 min Scan# 1280
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 97 Resp: 1023306

Ion	Ratio	Lower	Upper
97	100		
83	88.3	71.1	106.7
85	56.4	45.8	68.6
99	62.4	49.9	74.9

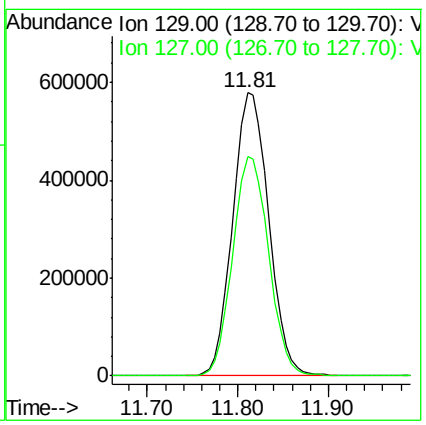


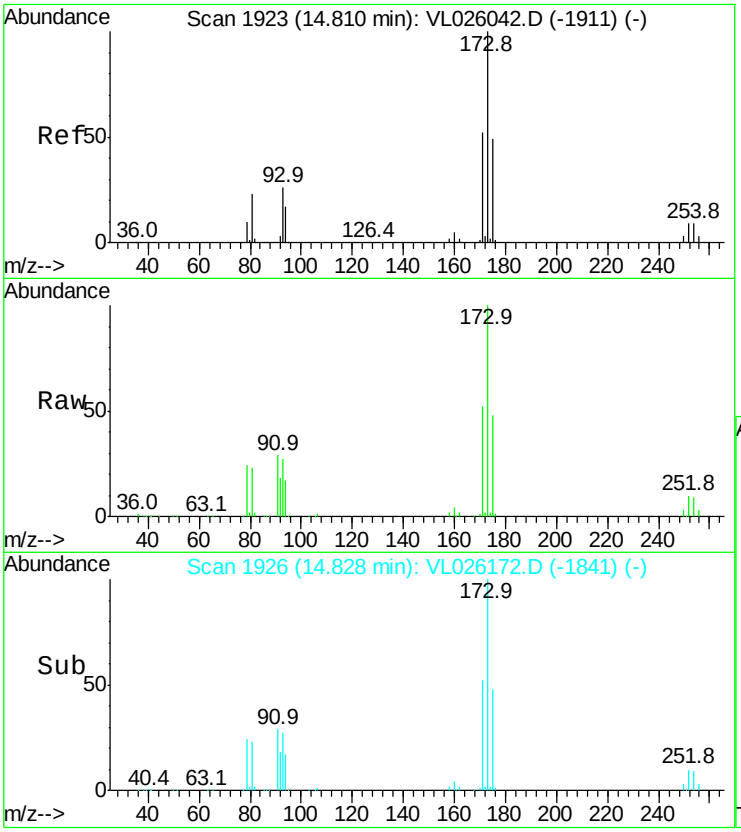


#48
Dibromochloromethane
Concen: 10.42 ppbv
RT: 11.81 min Scan# 1431
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Tgt Ion:129 Resp: 1596902

Ion	Ratio	Lower	Upper
129	100		
127	78.0	39.1	117.2



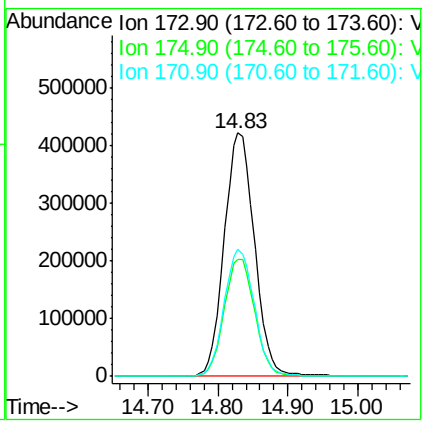


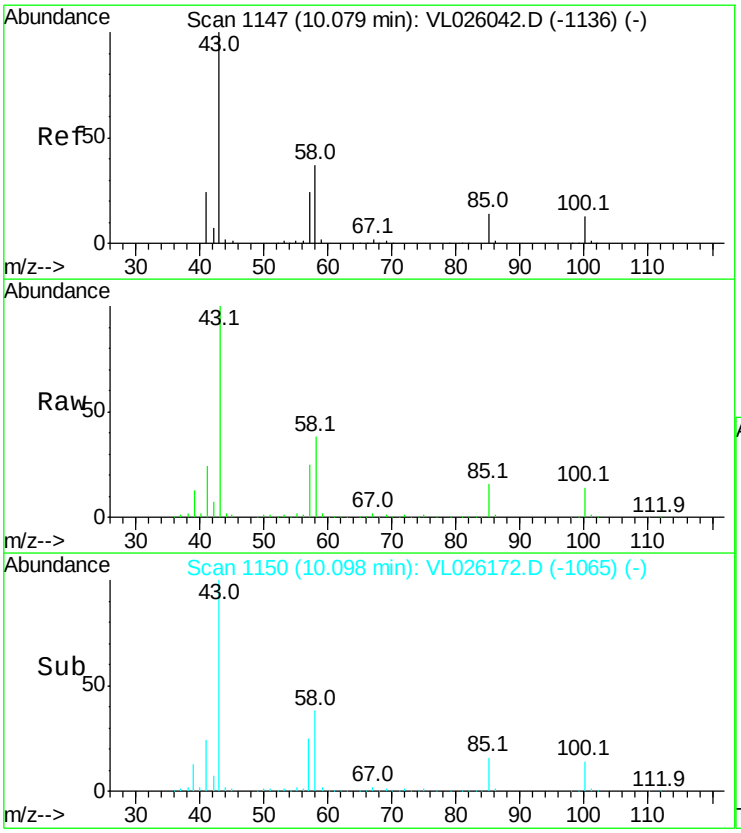
#49
Bromoform
Concen: 11.17 ppbv
RT: 14.83 min Scan# 1926
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:173 Resp: 1269661

Ion	Ratio	Lower	Upper
173	100		
175	48.8	39.1	58.7
171	52.4	41.5	62.3

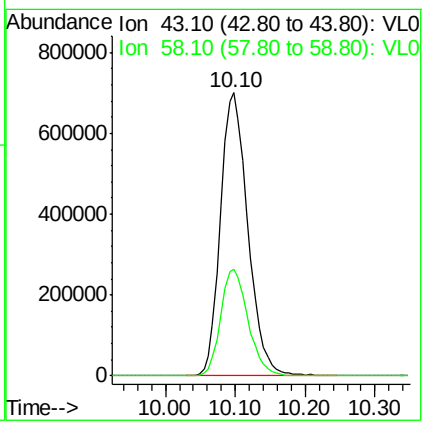


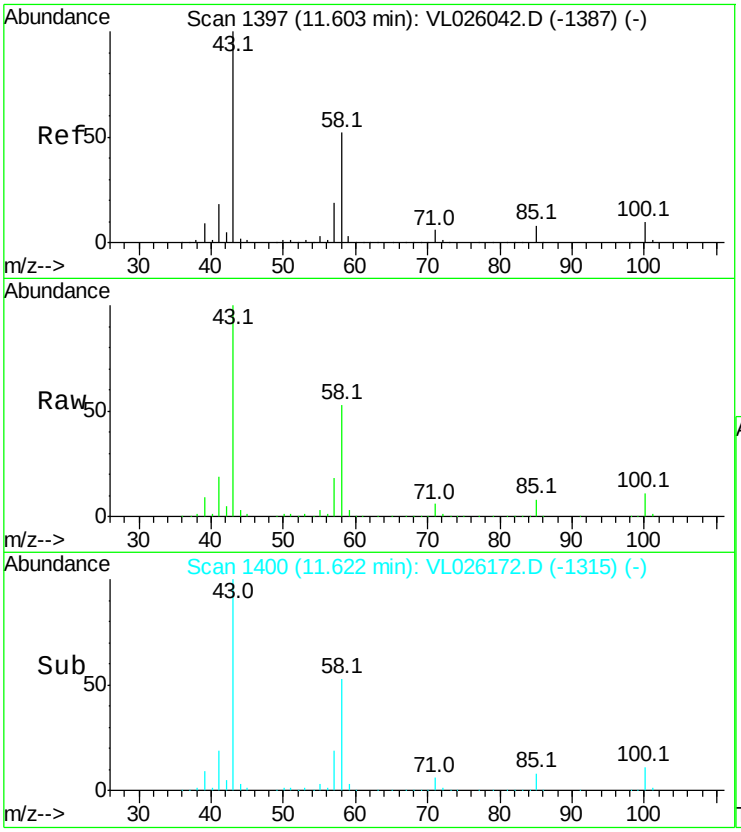


#50
4-Methyl-2-Pentanone
Concen: 8.80 ppbv
RT: 10.10 min Scan# 1150
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Tgt Ion: 43 Resp: 1901105

Ion	Ratio	Lower	Upper
43	100		
58	38.0	29.8	44.8



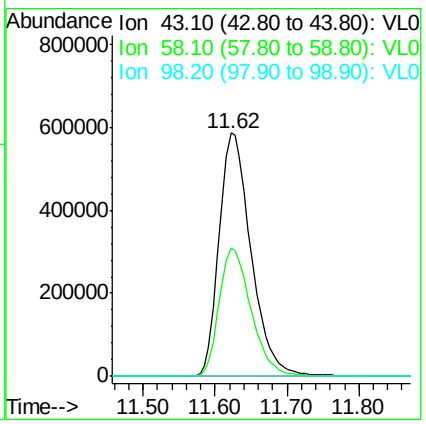


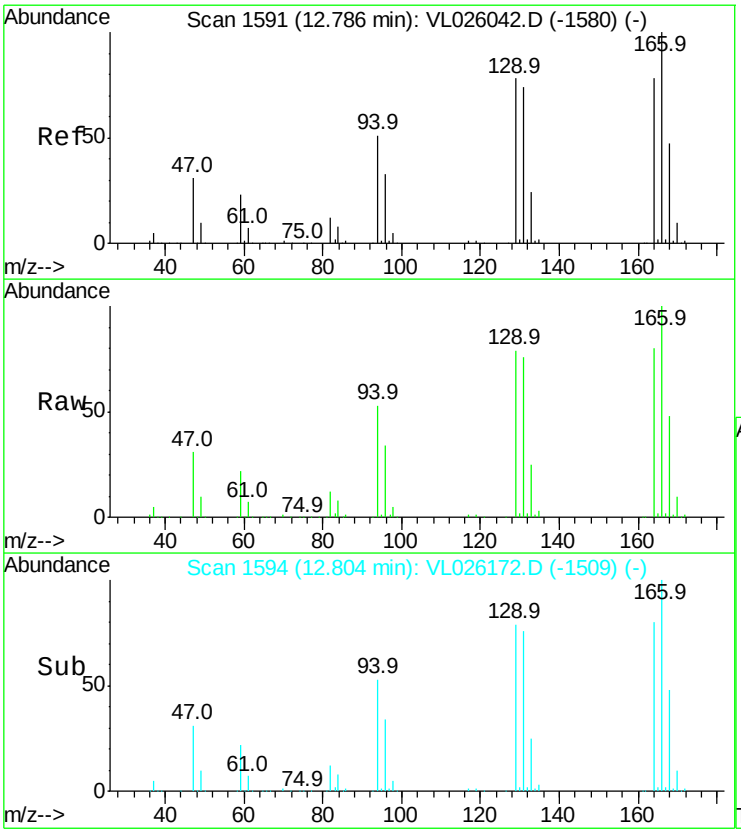
#51
2-Hexanone
Concen: 9.16 ppbv
RT: 11.62 min Scan# 1400
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 43 Resp: 1812448

Ion	Ratio	Lower	Upper
43	100		
58	52.8	41.4	62.2
98	0.2	0.1	0.1#

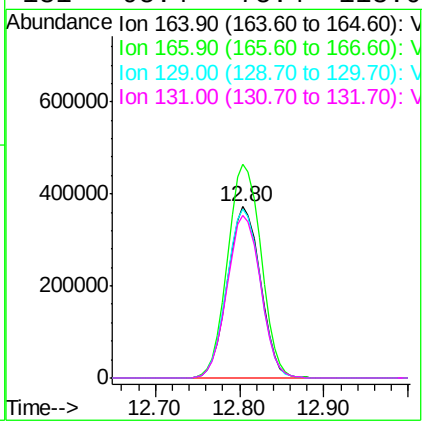


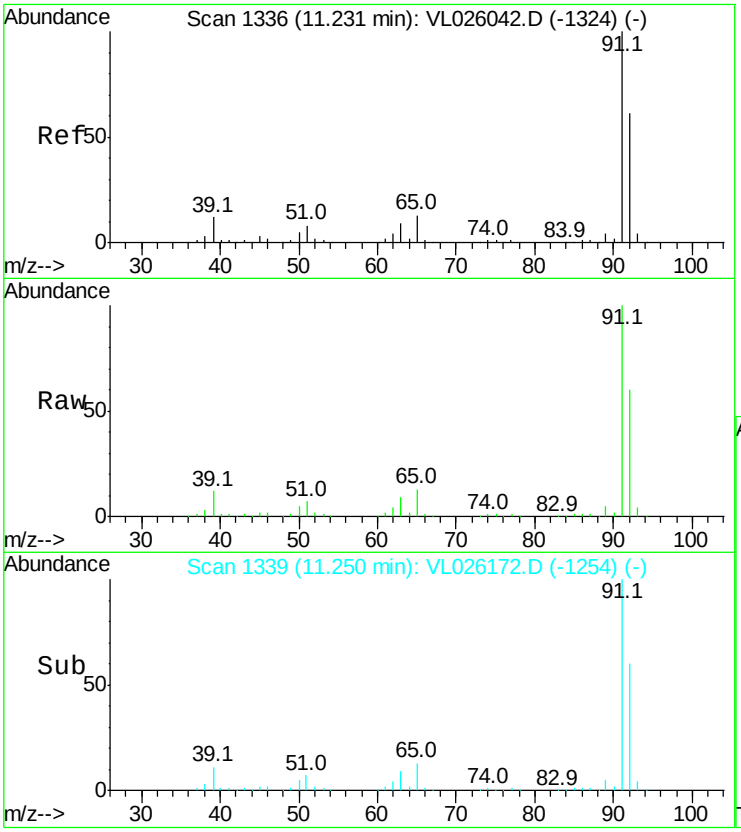


#52
Tetrachloroethene
Concen: 8.18 ppbv
RT: 12.80 min Scan# 1594
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Tgt Ion:164 Resp: 988158

Ion	Ratio	Lower	Upper
164	100		
166	124.9	102.0	153.0
129	98.9	79.3	118.9
131	95.4	75.4	113.0



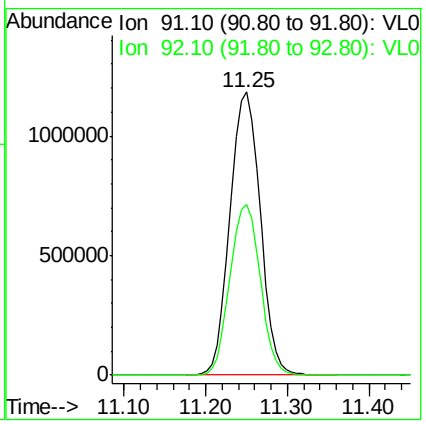


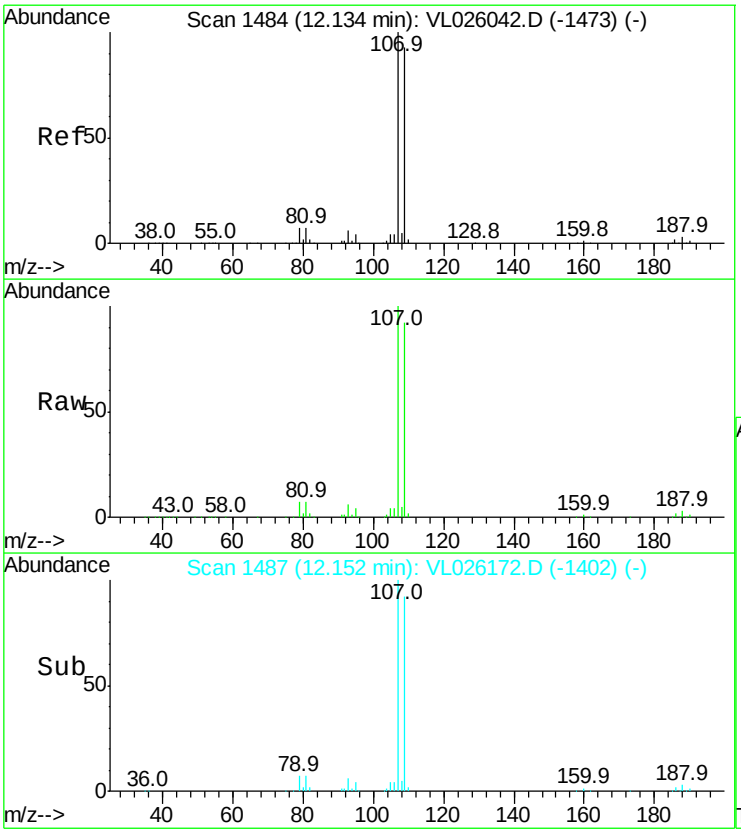
#53
Toluene
Concen: 9.08 ppbv
RT: 11.25 min Scan# 1339
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 91 Resp: 3048282

Ion	Ratio	Lower	Upper
91	100		
92	60.6	48.7	73.1

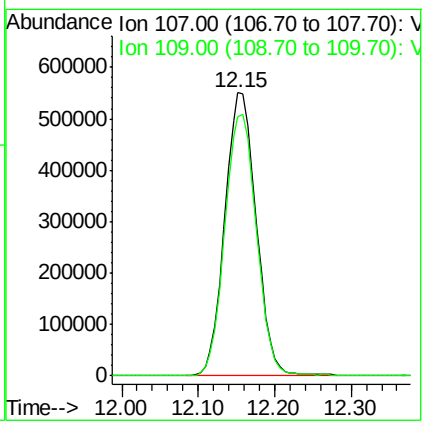


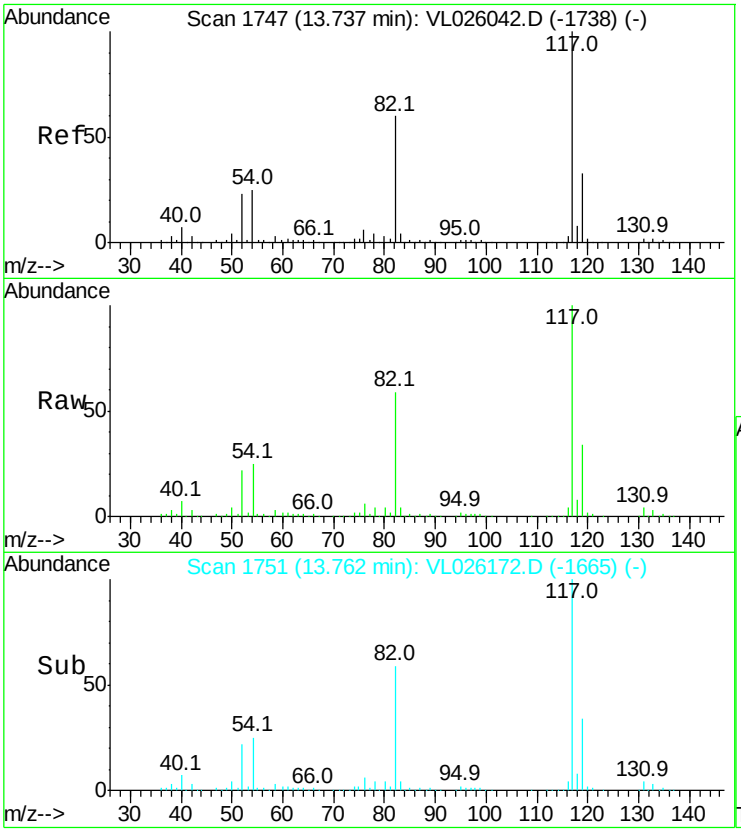


#54
1,2-Dibromoethane
Concen: 9.28 ppbv
RT: 12.15 min Scan# 1487
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Tgt Ion:107 Resp: 1564695

Ion	Ratio	Lower	Upper
107	100		
109	91.5	74.0	111.0



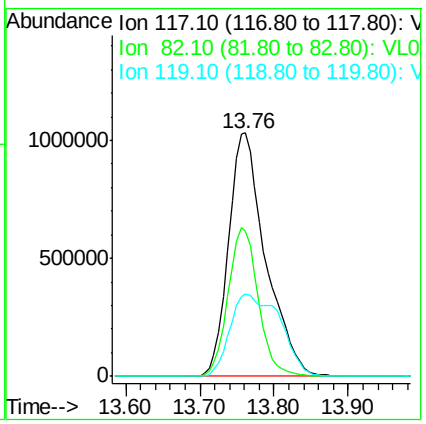


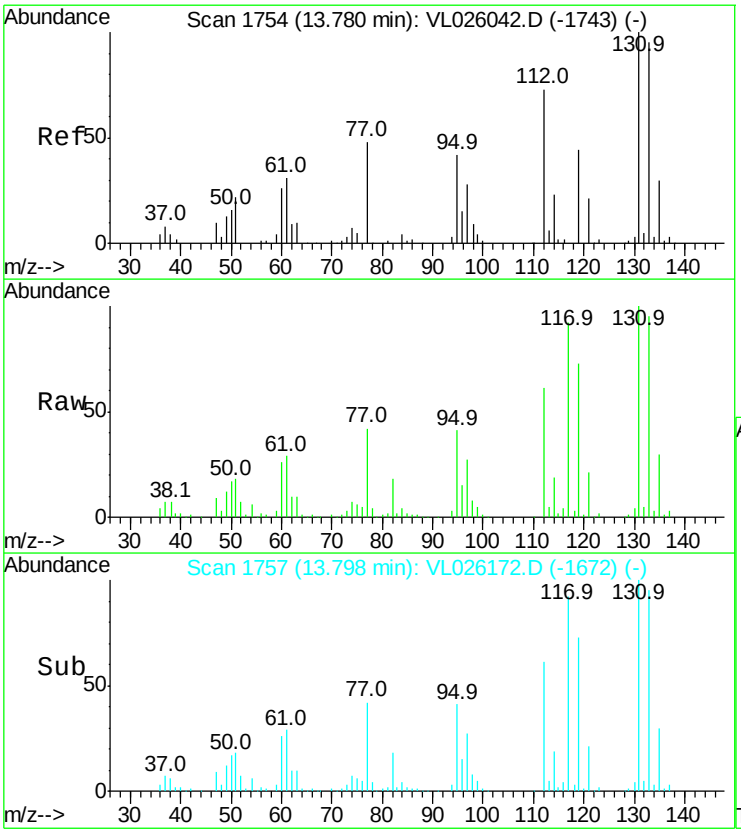
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.76 min Scan# 1751
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 3598279

Ion	Ratio	Lower	Upper
117	100		
82	50.2	49.7	74.5
119	46.0	46.2	69.4#

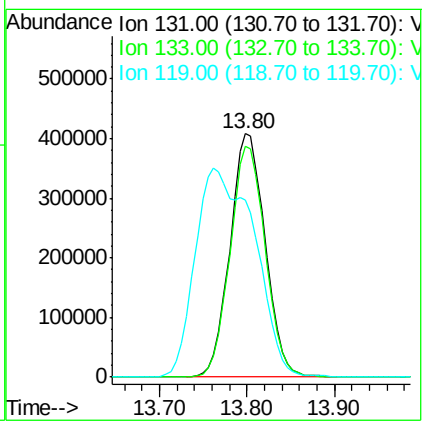


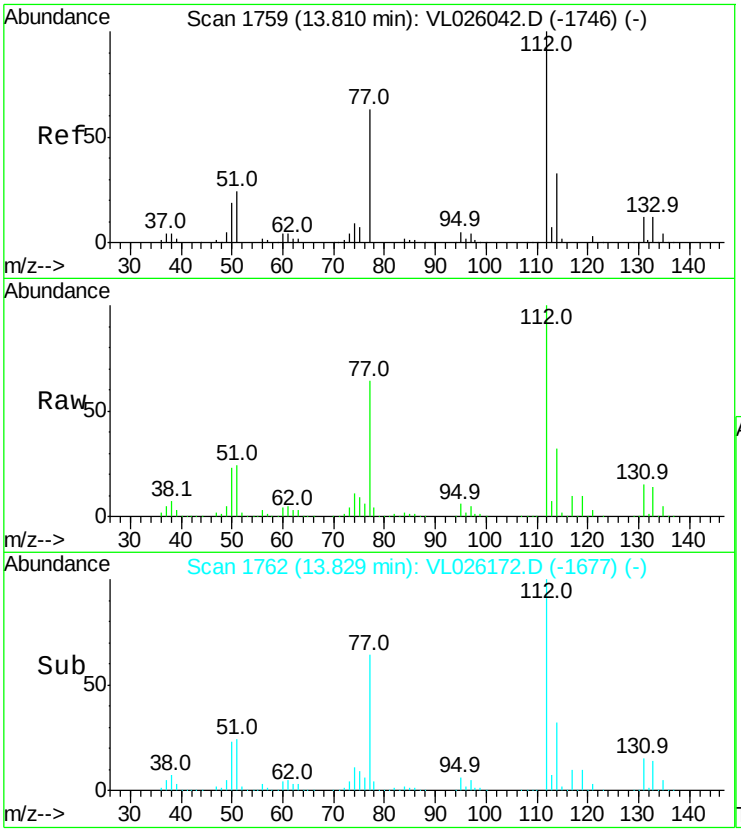


#56
1,1,1,2-Tetrachloroethane
Concen: 7.65 ppbv
RT: 13.80 min Scan# 1757
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Tgt Ion:131 Resp: 1141836

Ion	Ratio	Lower	Upper
131	100		
133	95.6	76.2	114.2
119	145.0	115.2	172.8



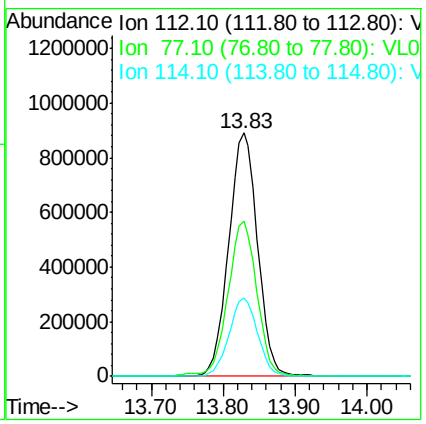


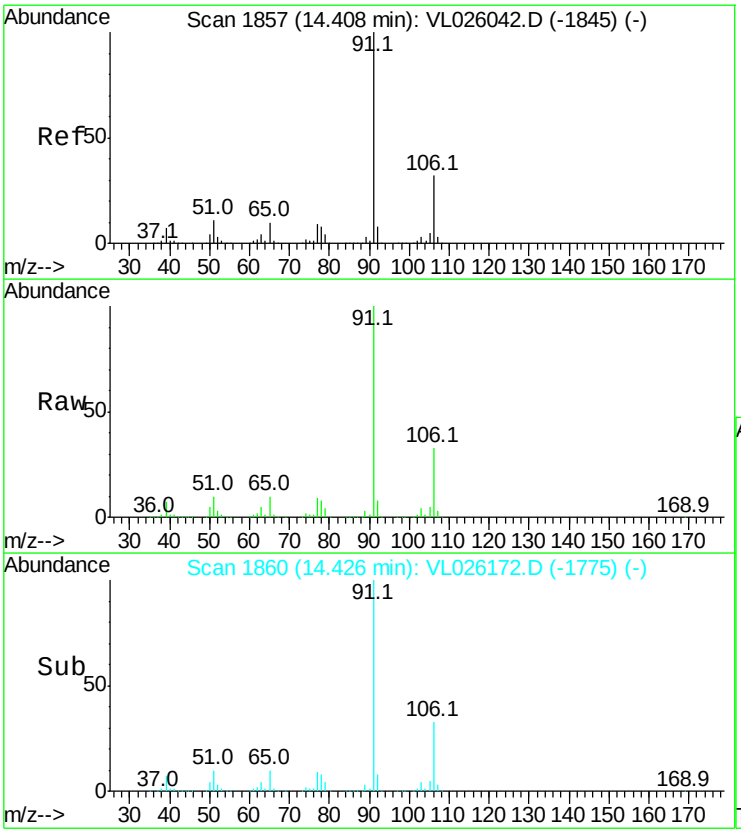
#57
Chlorobenzene
Concen: 6.96 ppbv
RT: 13.83 min Scan# 1762
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:112 Resp: 2475607

Ion	Ratio	Lower	Upper
112	100		
77	63.7	51.0	76.6
114	32.2	29.3	35.9

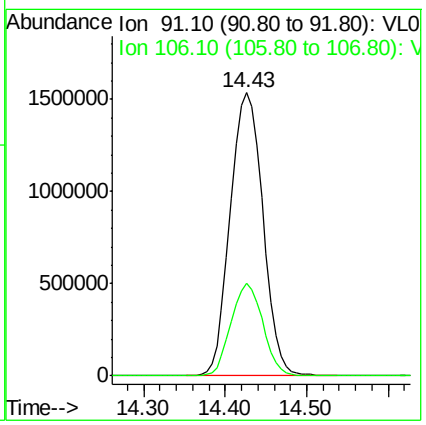


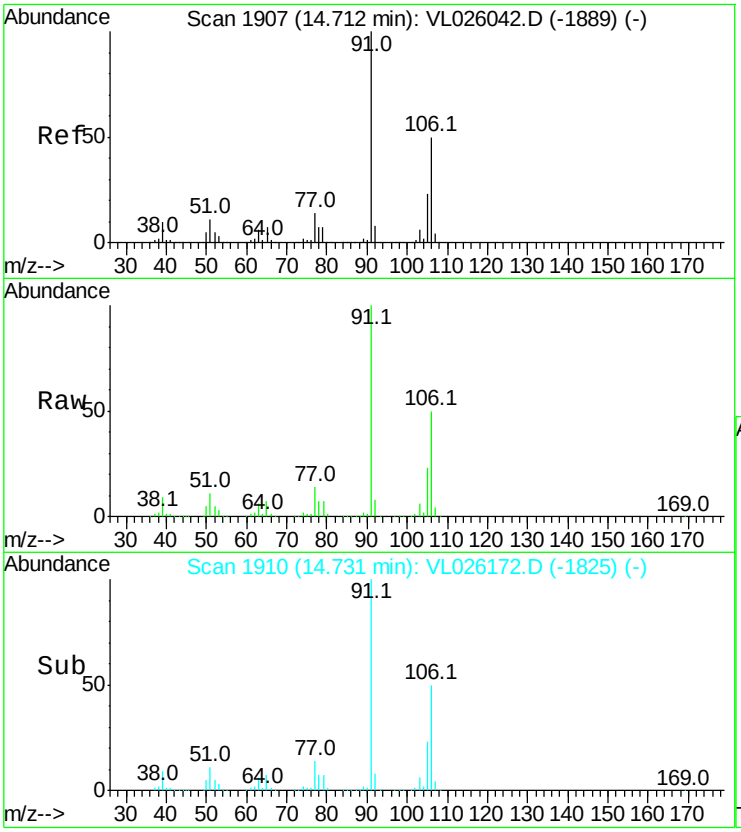


#58
Ethyl Benzene
Concen: 7.17 ppbv
RT: 14.43 min Scan# 1860
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Tgt Ion: 91 Resp: 4284157

Ion	Ratio	Lower	Upper
91	100		
106	32.6	25.7	38.5



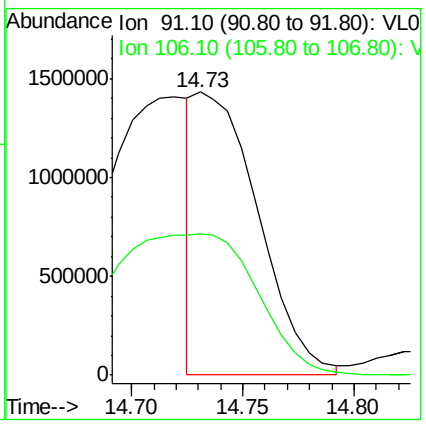


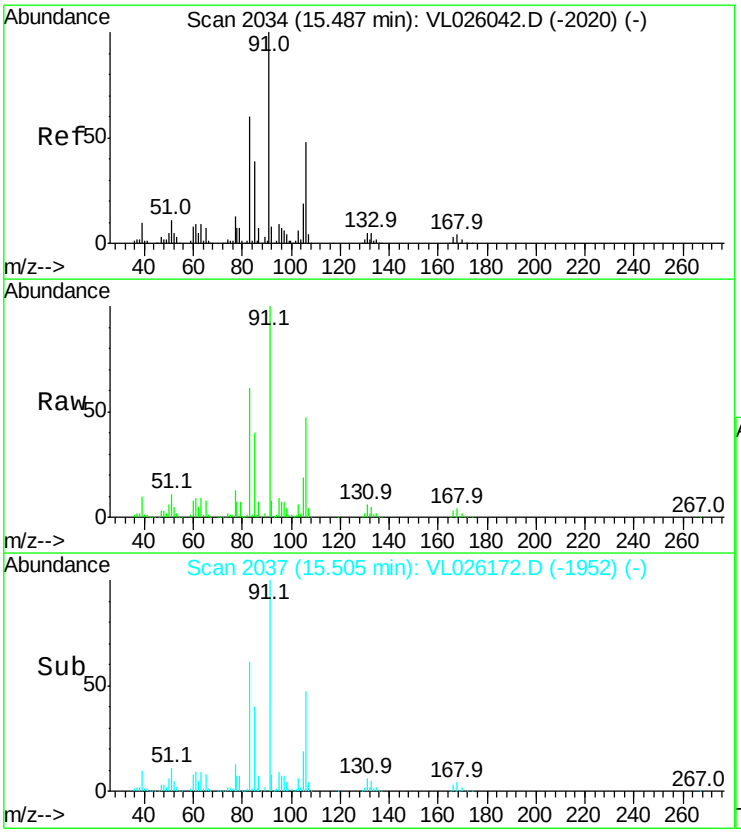
#59
m/p-Xylene
Concen: 5.97 ppbv
RT: 14.73 min Scan# 1910
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 2802641

Ion	Ratio	Lower	Upper
91	100		
106	118.4	40.4	60.6#

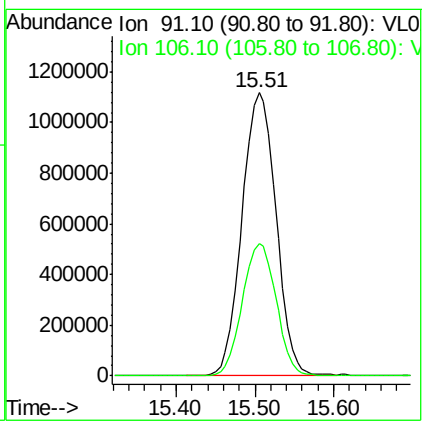


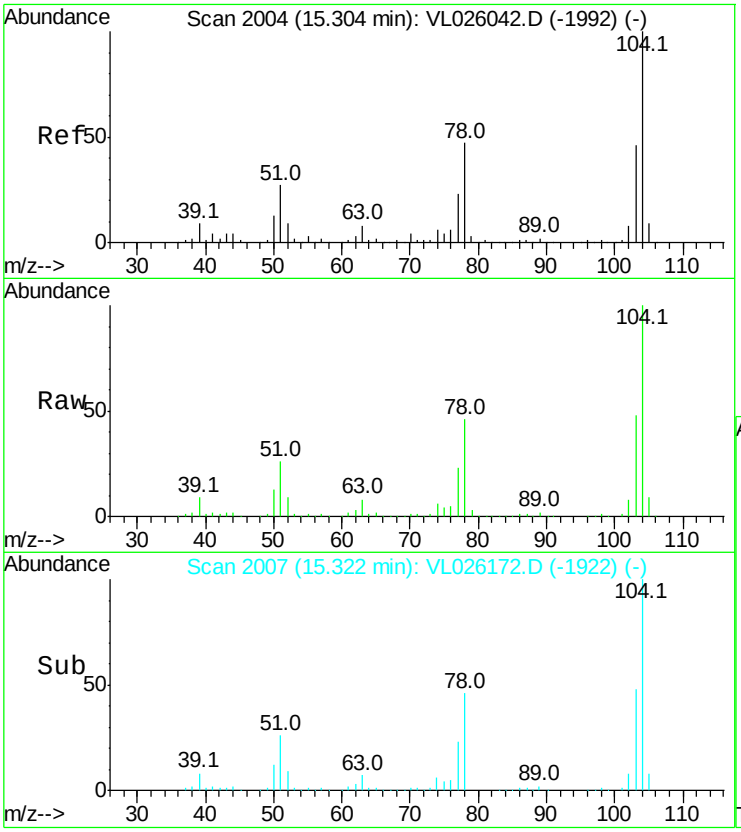


#60
o-Xylene
Concen: 6.88 ppbv
RT: 15.51 min Scan# 2037
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Tgt Ion: 91 Resp: 3354349

Ion	Ratio	Lower	Upper
91	100		
106	46.9	23.6	70.8



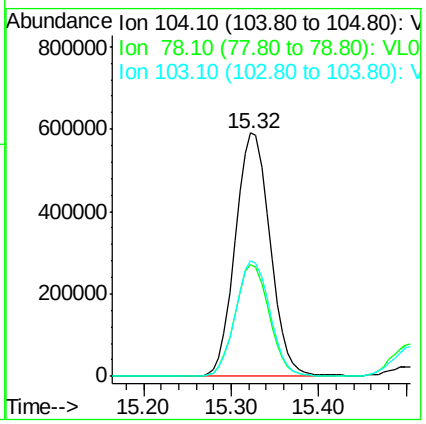


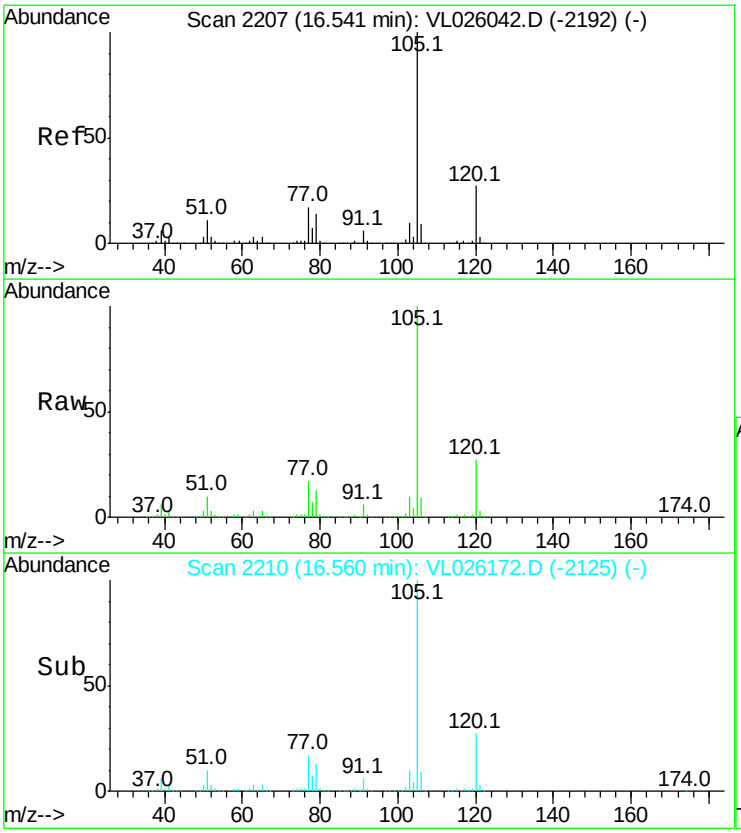
#61
Styrene
Concen: 7.85 ppbv
RT: 15.32 min Scan# 2007
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:104 Resp: 1642434

Ion	Ratio	Lower	Upper
104	100		
78	45.1	36.5	54.7
103	46.9	37.0	55.6

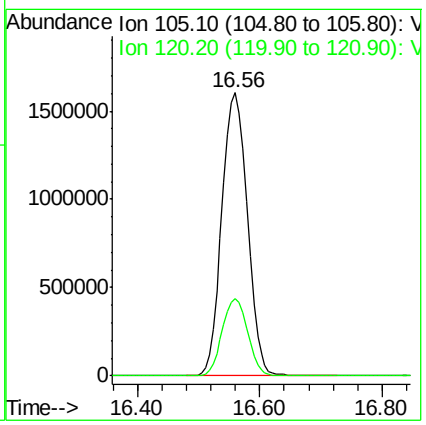


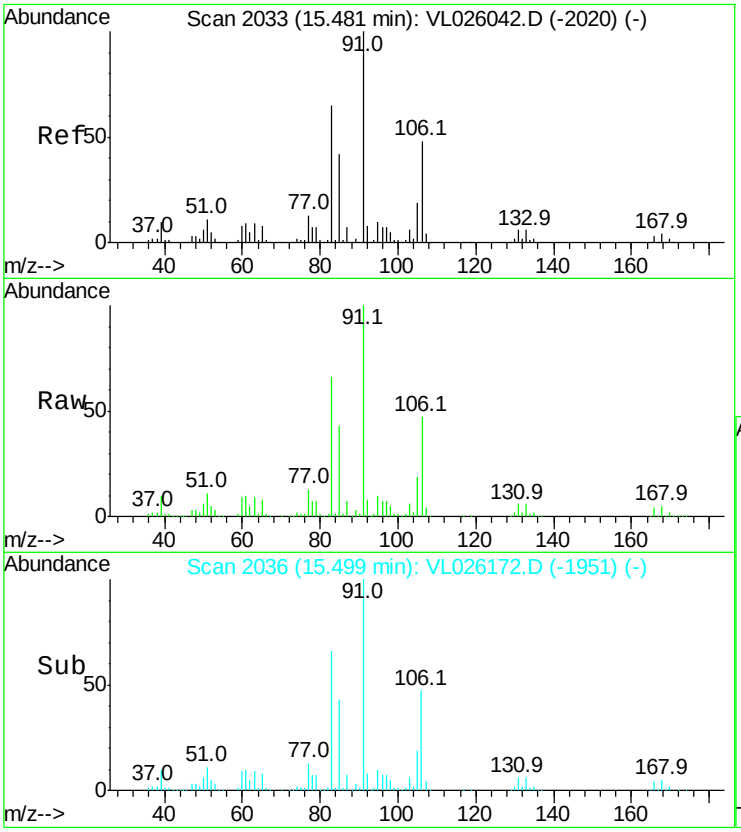


#62
Isopropylbenzene
Concen: 7.25 ppbv
RT: 16.56 min Scan# 2210
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Tgt Ion:105 Resp: 4643491

Ion	Ratio	Lower	Upper
105	100		
120	27.2	21.4	32.2



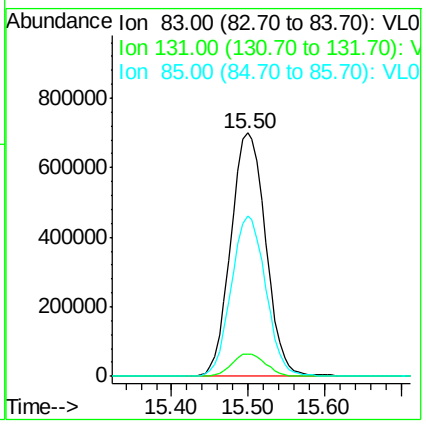


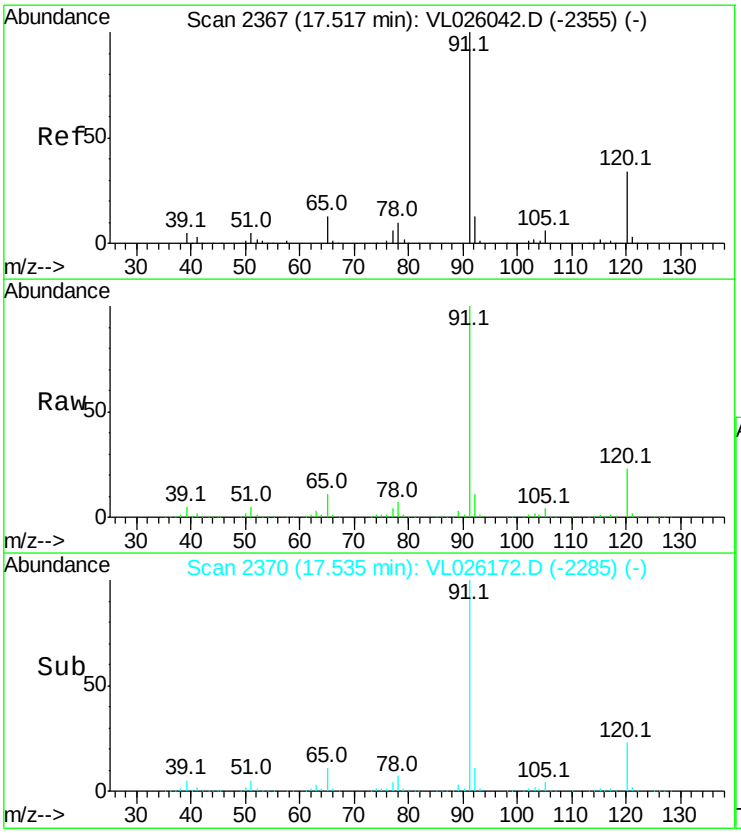
#63
1,1,2,2-Tetrachloroethane
Concen: 5.94 ppbv
RT: 15.50 min Scan# 2036
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 83 Resp: 2219915

Ion	Ratio	Lower	Upper
83	100		
131	9.1	4.5	13.5
85	65.1	32.4	97.2

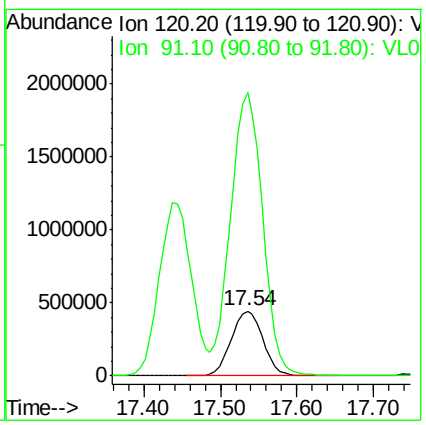


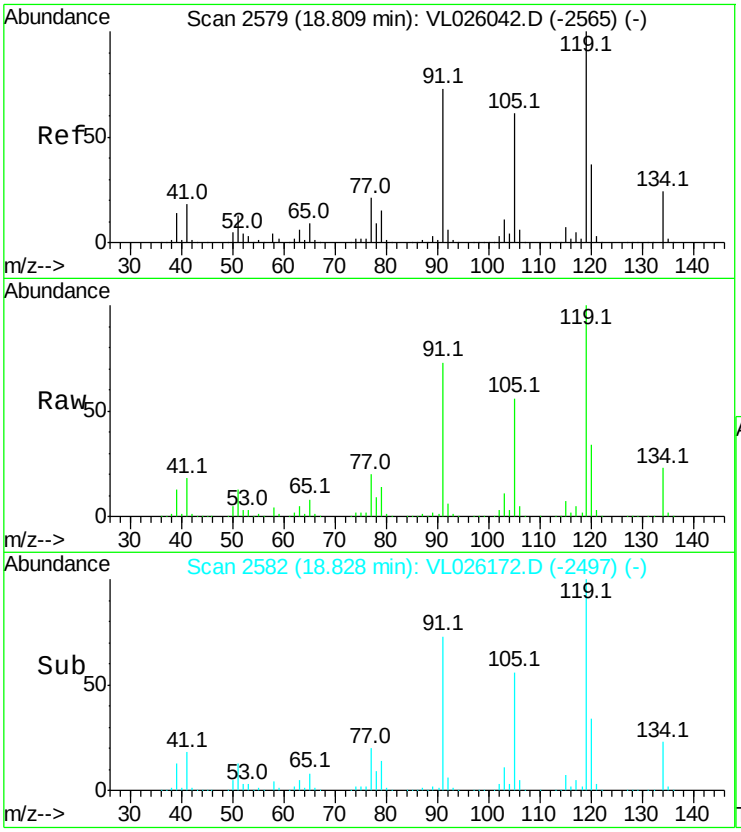


#64
n-propylbenzene
Concen: 7.49 ppbv
RT: 17.54 min Scan# 2370
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Tgt Ion:120 Resp: 1282040

Ion	Ratio	Lower	Upper
120	100		
91	441.8	354.0	531.0



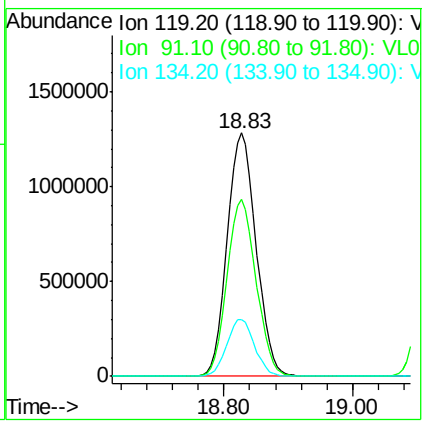


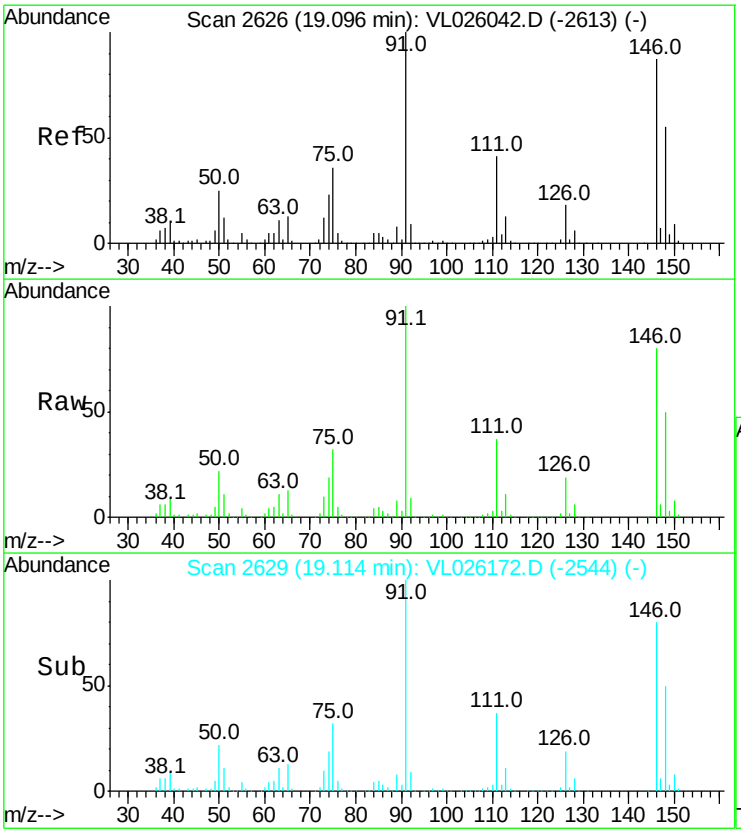
#65
tert-Butylbenzene
Concen: 7.16 ppbv
RT: 18.83 min Scan# 2582
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:119 Resp: 4021538

Ion	Ratio	Lower	Upper
119	100		
91	73.1	58.7	88.1
134	22.5	18.1	27.1

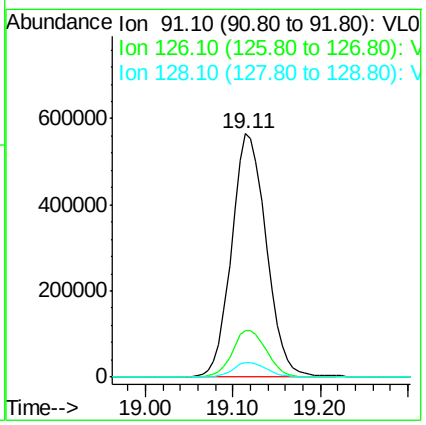


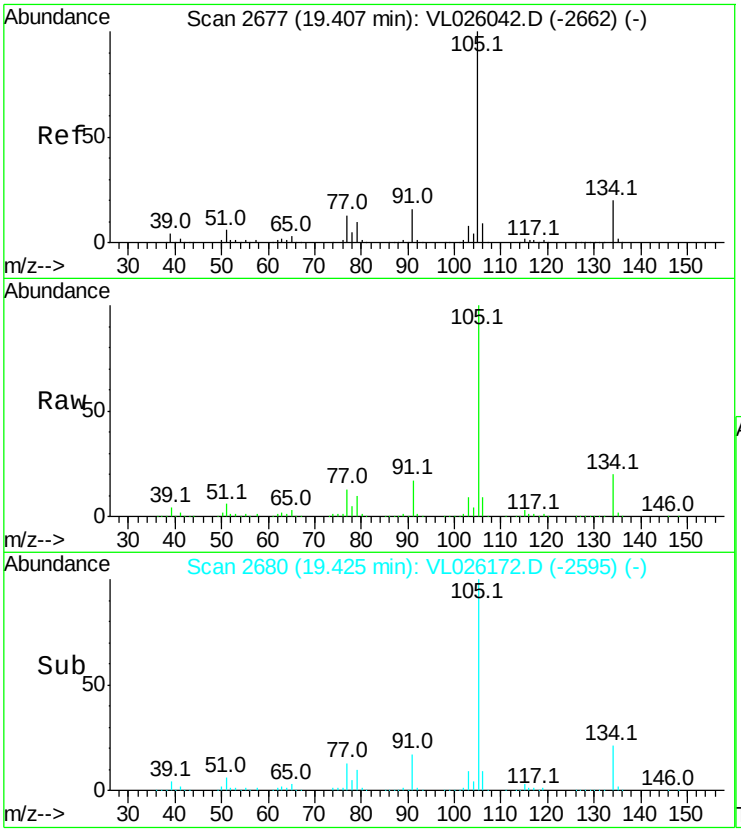


#66
Benzyl Chloride
Concen: 10.19 ppbv
RT: 19.11 min Scan# 2629
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Tgt Ion: 91 Resp: 1556345

Ion	Ratio	Lower	Upper
91	100		
126	19.0	14.6	22.0
128	6.0	4.7	7.1



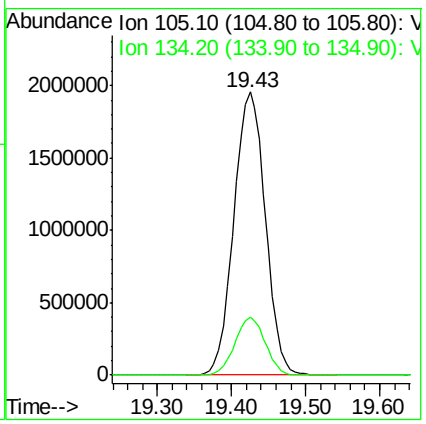


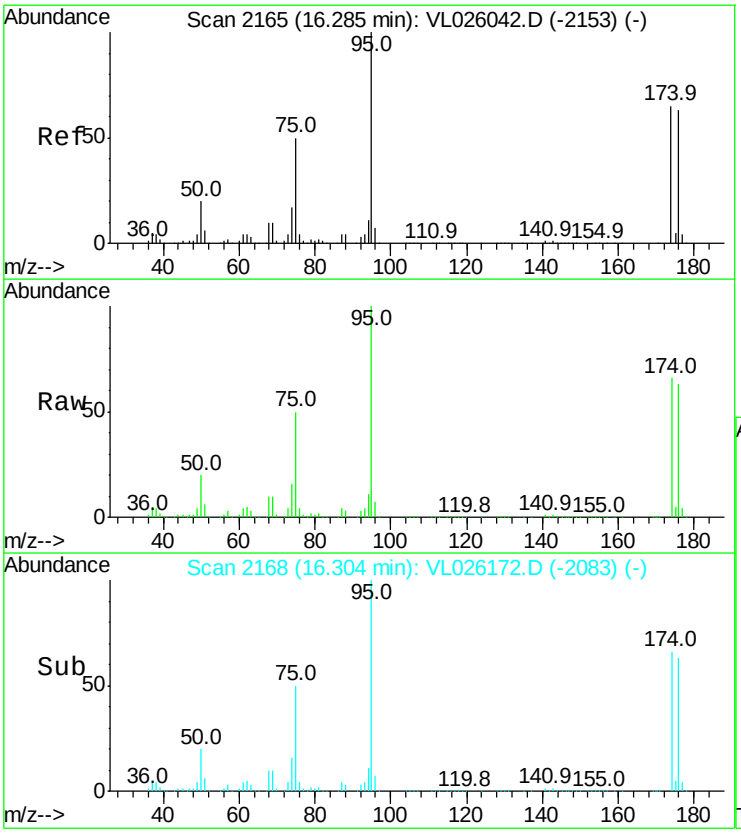
#67
sec-Butylbenzene
Concen: 7.30 ppbv
RT: 19.43 min Scan# 2680
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:105 Resp: 5787887

Ion	Ratio	Lower	Upper
105	100		
134	19.9	15.7	23.5

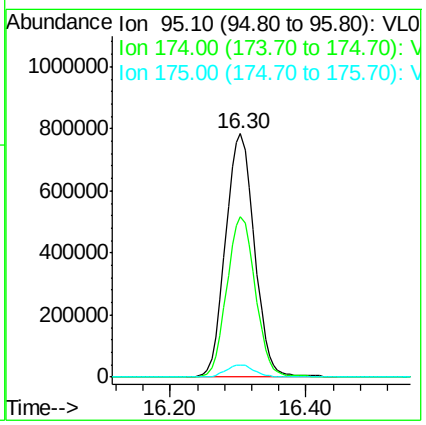


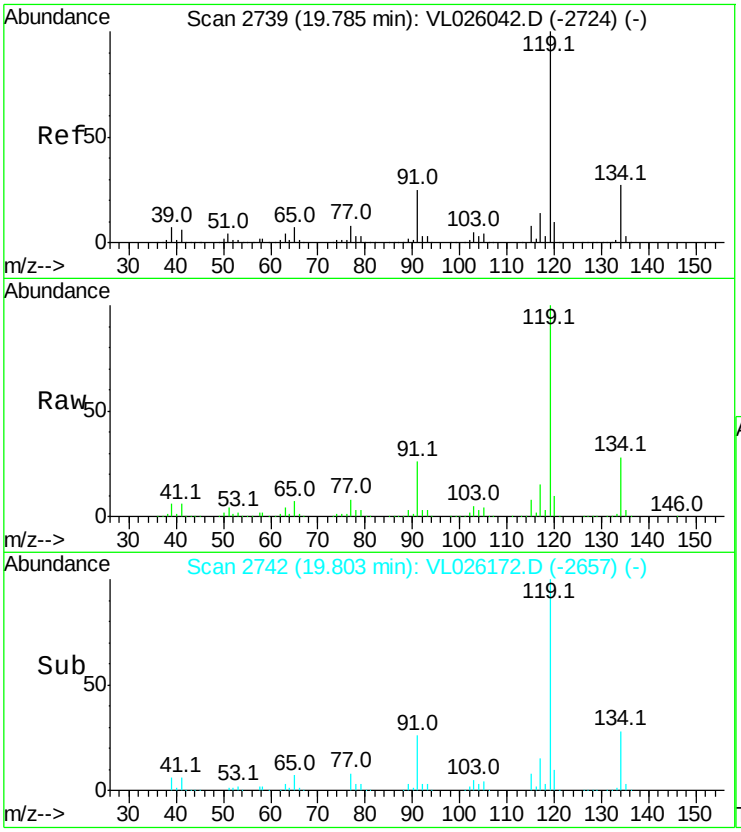


#68
1-Bromo-4-Fluorobenzene
Concen: 8.71 ppbv
RT: 16.30 min Scan# 2168
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Tgt Ion: 95 Resp: 2313097

Ion	Ratio	Lower	Upper
95	100		
174	65.3	50.6	76.0
175	4.9	3.8	5.6



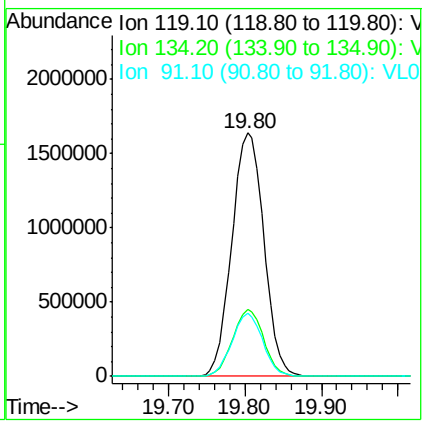


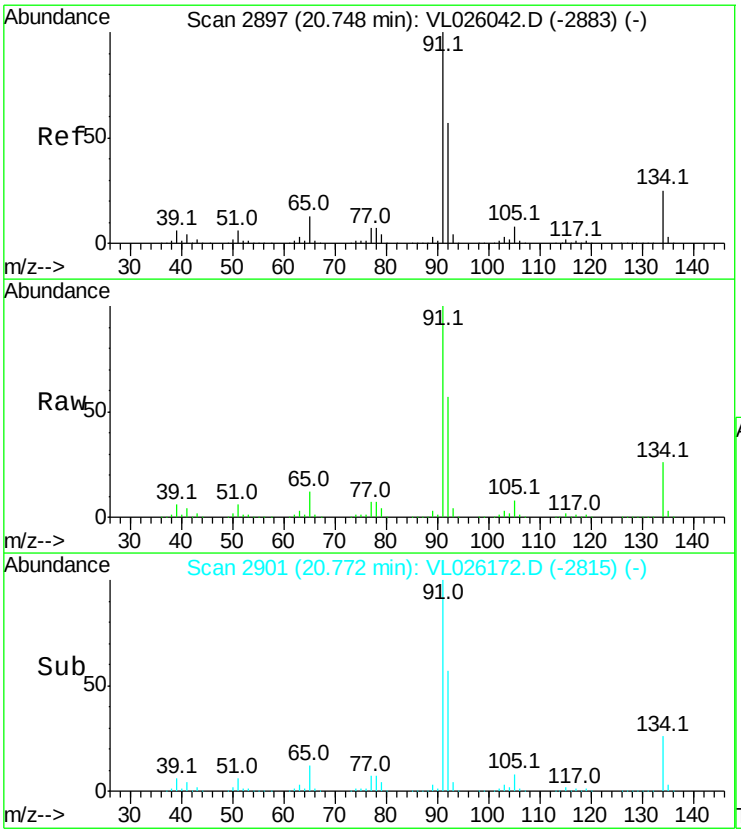
#69
p-Isopropyltoluene
Concen: 7.42 ppbv
RT: 19.80 min Scan# 2742
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:119 Resp: 4762638

Ion	Ratio	Lower	Upper
119	100		
134	26.7	21.2	31.8
91	24.9	20.2	30.4

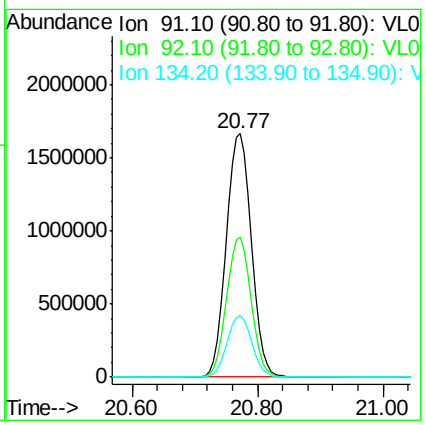


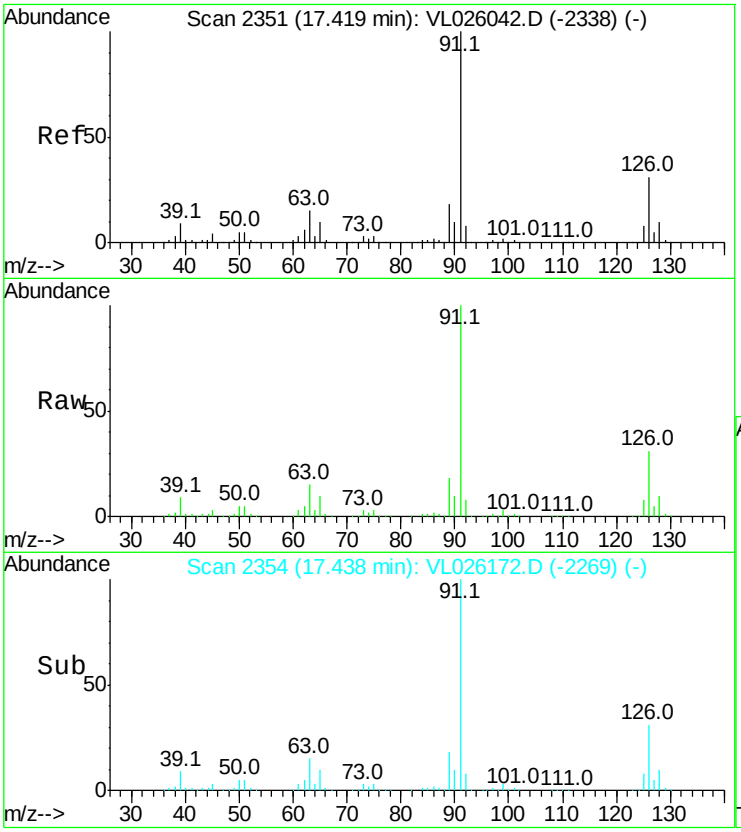


#70
n-Butylbenzene
Concen: 7.21 ppbv
RT: 20.77 min Scan# 2901
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Tgt Ion: 91 Resp: 4619050

Ion	Ratio	Lower	Upper
91	100		
92	56.3	44.9	67.3
134	24.8	19.5	29.3



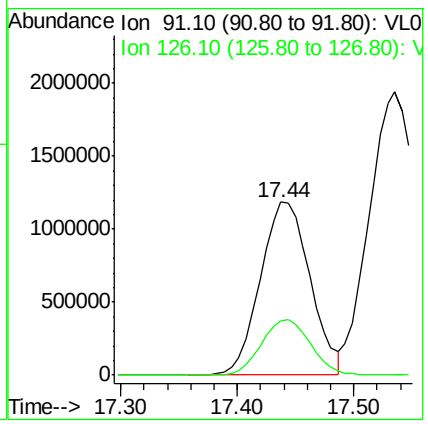


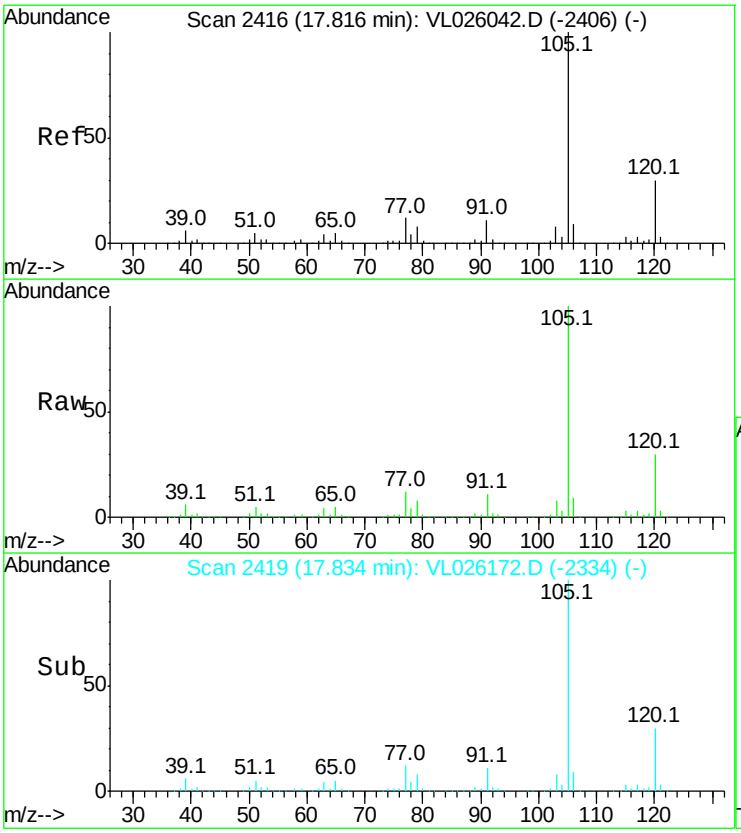
#71
2-Chlorotoluene
Concen: 7.21 ppbv
RT: 17.44 min Scan# 2354
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 91 Resp: 3510690

Ion	Ratio	Lower	Upper
91	100		
126	32.0	12.4	49.6

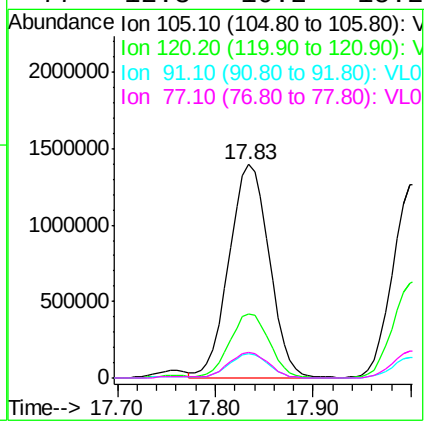


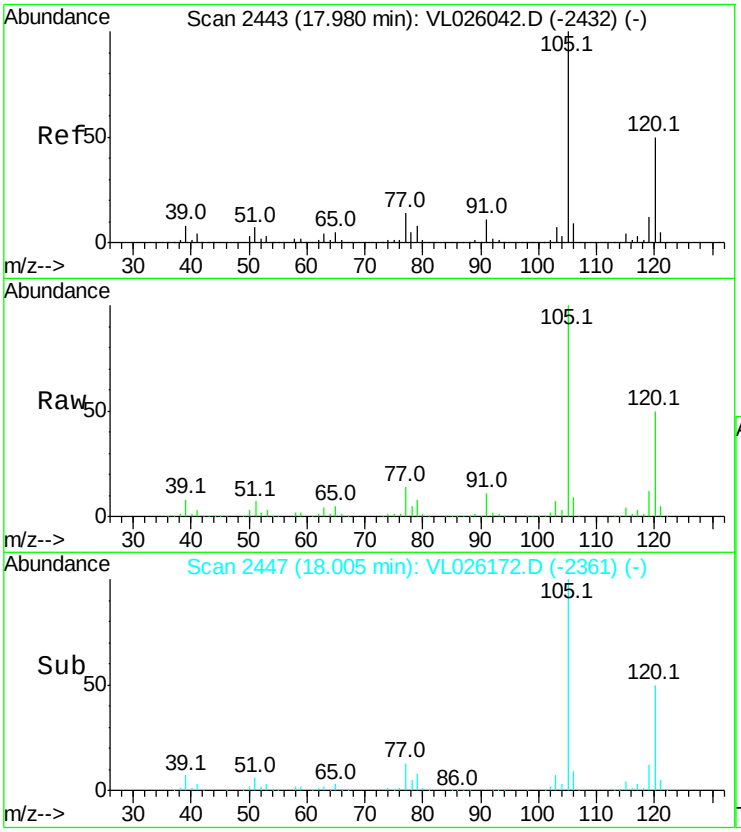


#72
4-Ethyltoluene
Concen: 7.50 ppbv
RT: 17.83 min Scan# 2419
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Tgt Ion:105 Resp: 3994940

Ion	Ratio	Lower	Upper
105	100		
120	30.9	24.6	37.0
91	11.5	9.4	14.0
77	12.3	10.2	15.2



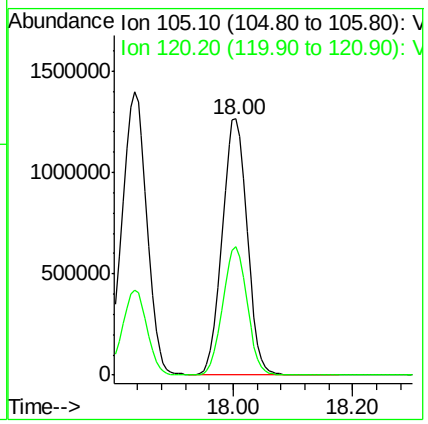


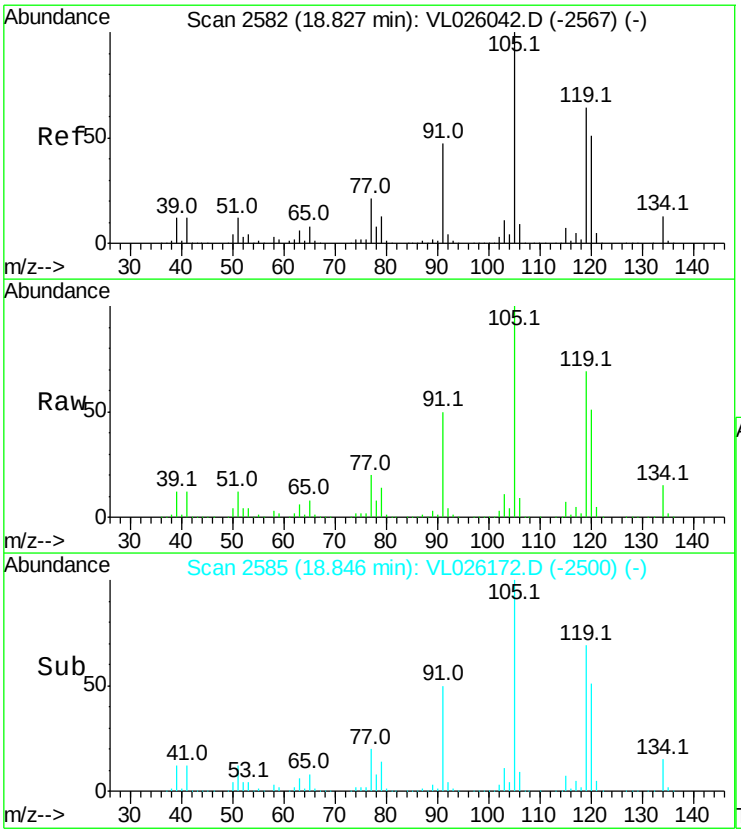
#73
1,3,5-Trimethylbenzene
Concen: 7.45 ppbv
RT: 18.00 min Scan# 2447
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:105 Resp: 3684944

Ion	Ratio	Lower	Upper
105	100		
120	50.1	39.8	59.6

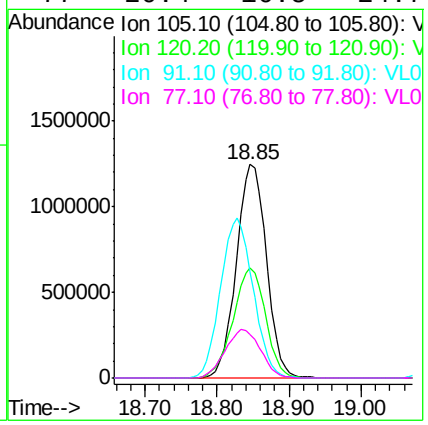


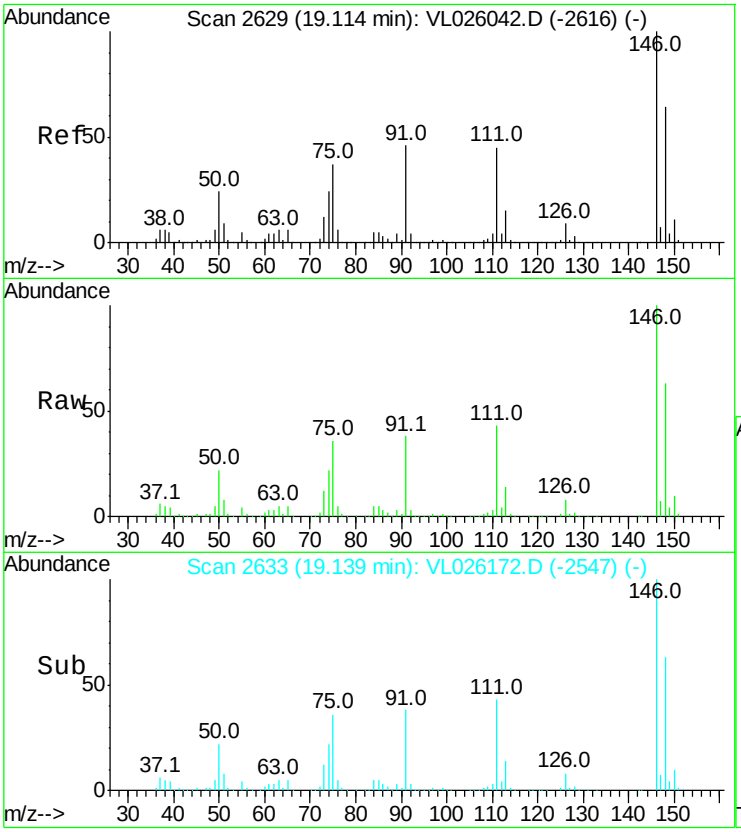


#74
1,2,4-Trimethylbenzene
Concen: 7.00 ppbv
RT: 18.85 min Scan# 2585
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Tgt Ion:105 Resp: 3626328

Ion	Ratio	Lower	Upper
105	100		
120	51.4	40.9	61.3
91	49.7	37.4	56.0
77	20.4	16.5	24.7



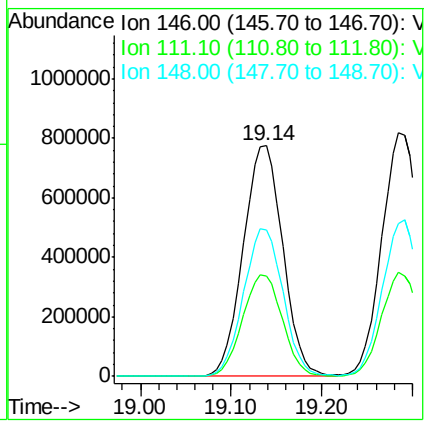


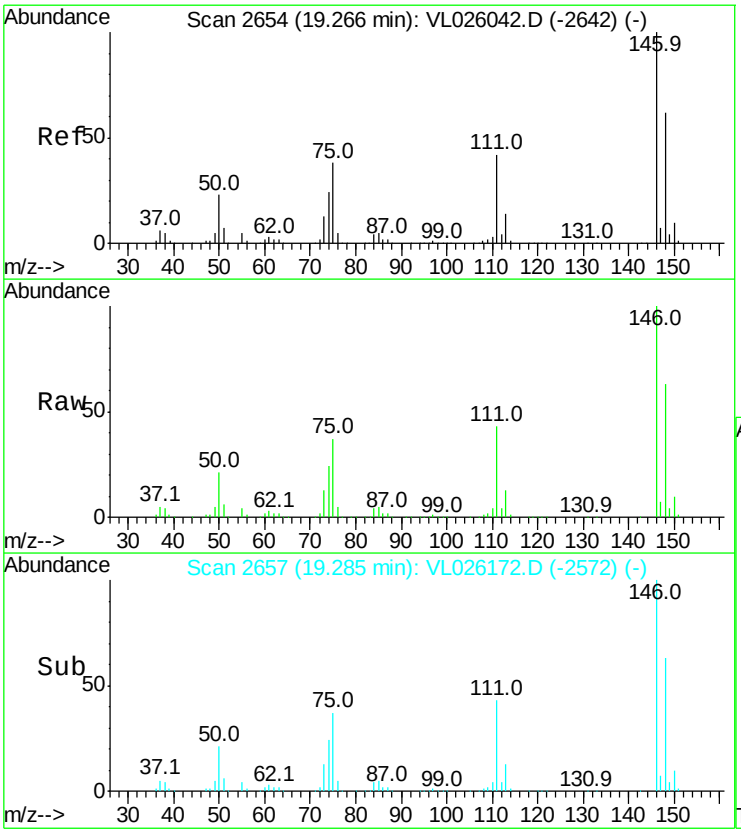
#75
1,3-Dichlorobenzene
Concen: 7.30 ppbv
RT: 19.14 min Scan# 2633
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:146 Resp: 2352396

Ion	Ratio	Lower	Upper
146	100		
111	44.2	22.3	66.8
148	63.7	31.5	94.5

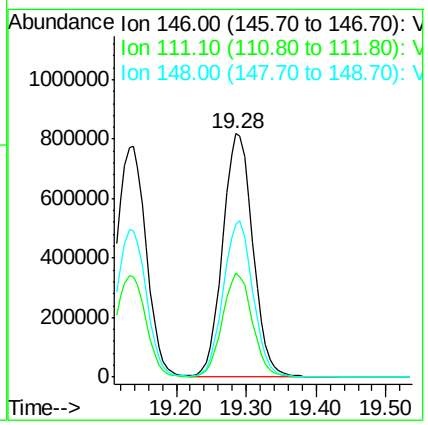


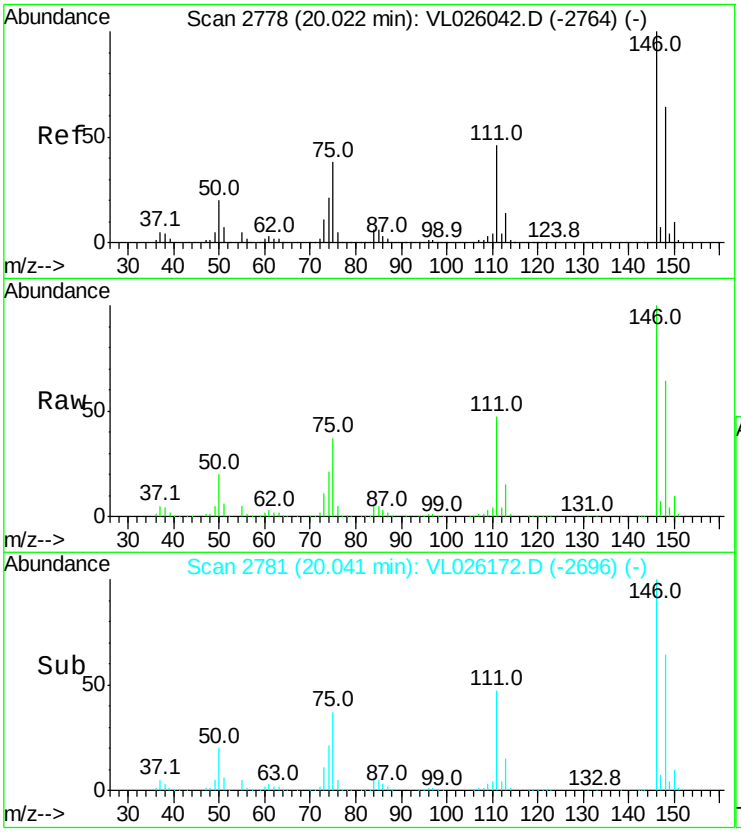


#76
1,4-Dichlorobenzene
Concen: 7.39 ppbv
RT: 19.28 min Scan# 2657
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Tgt Ion:146 Resp: 2449606

Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.6	65.0
148	63.2	31.6	95.0



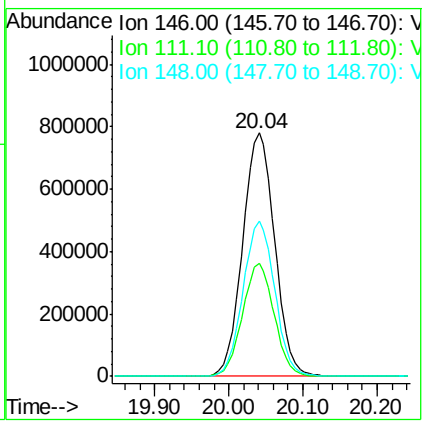


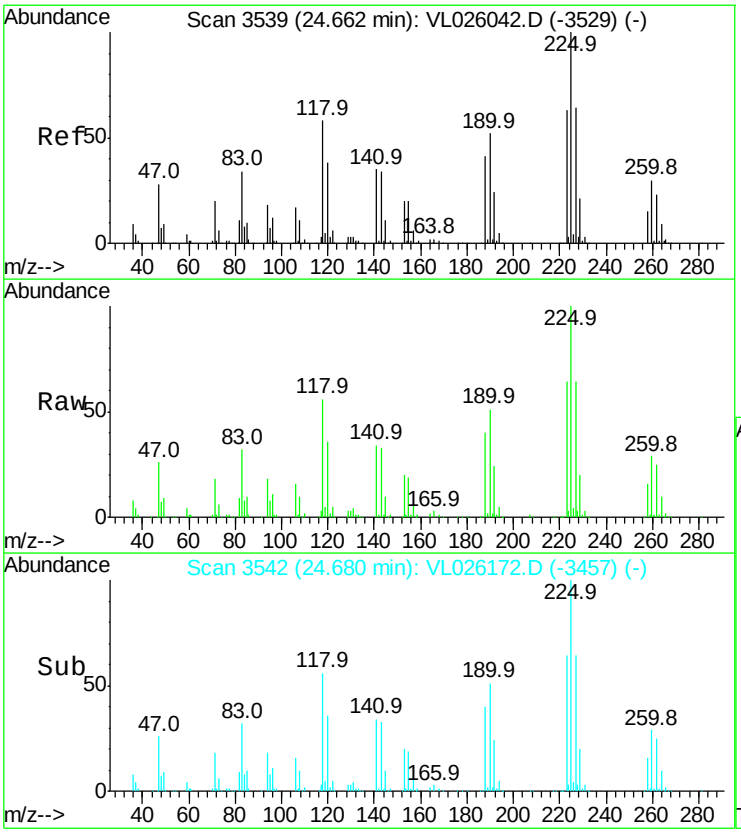
#77
1,2-Dichlorobenzene
Concen: 7.34 ppbv
RT: 20.04 min Scan# 2781
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:146 Resp: 2359721

Ion	Ratio	Lower	Upper
146	100		
111	46.0	23.4	70.0
148	63.5	31.6	94.7

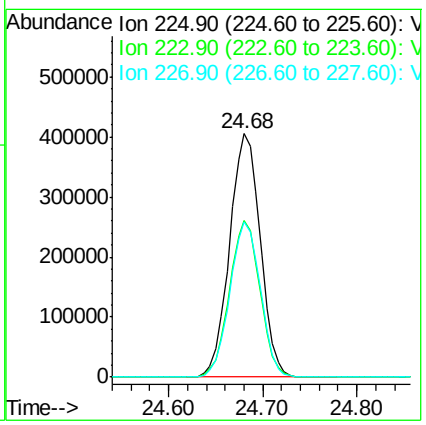


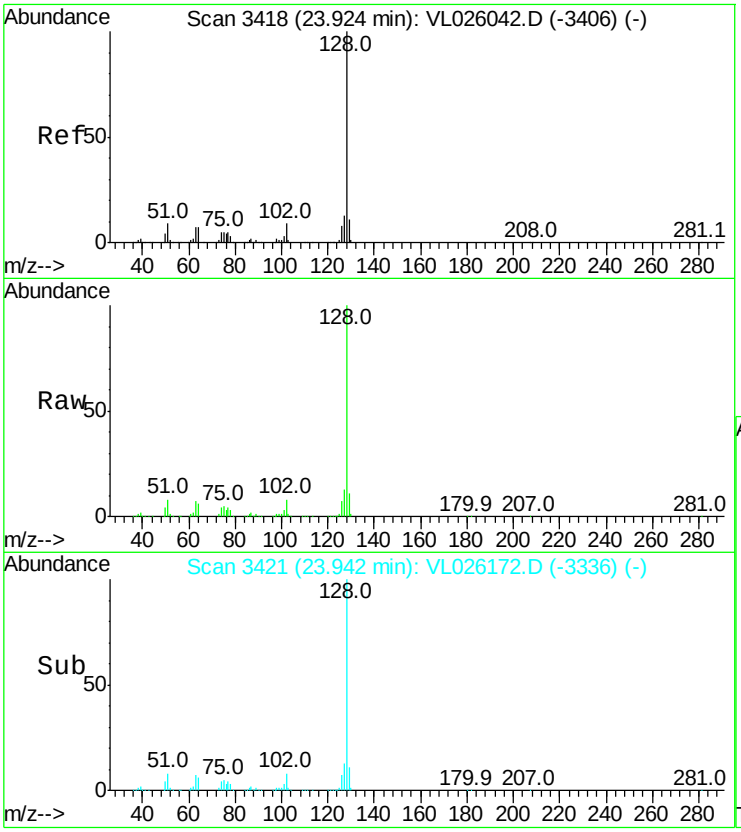


#78
Hexachloro-1,3-Butadiene
Concen: 7.13 ppbv
RT: 24.68 min Scan# 3542
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Tgt Ion:225 Resp: 918296

Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.9	76.3
227	63.5	51.3	76.9



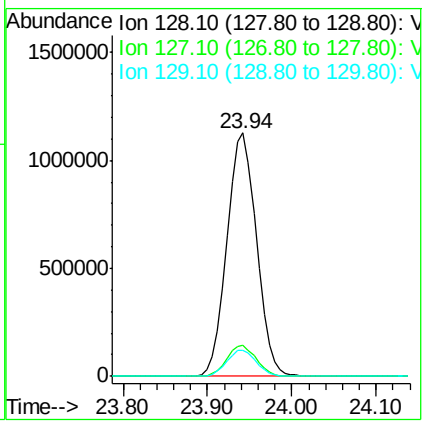


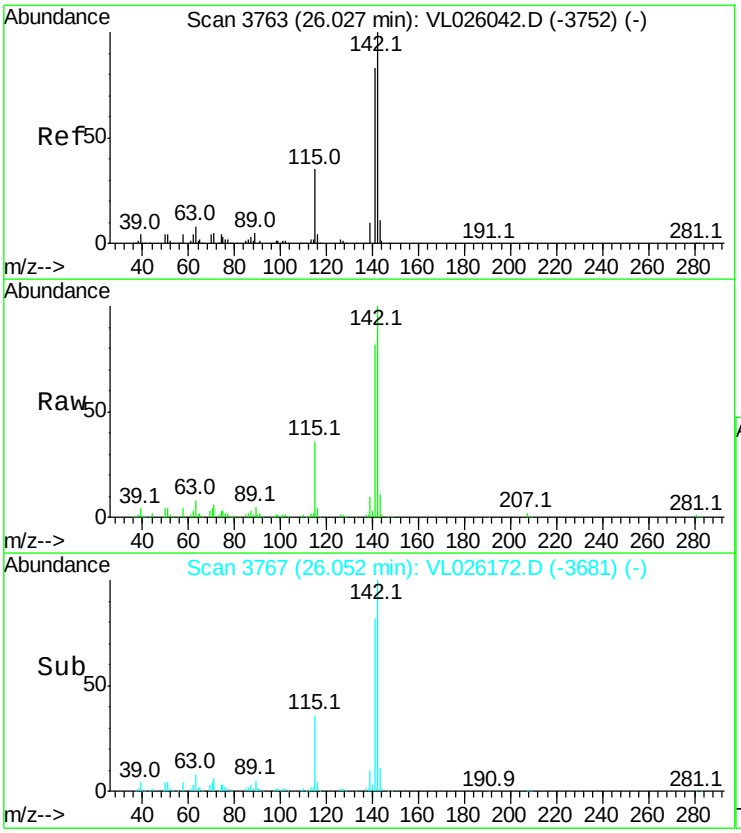
#79
Naphthalene
Concen: 6.67 ppbv
RT: 23.94 min Scan# 3421
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:128 Resp: 2686121

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.5	15.7
129	10.9	9.0	13.4

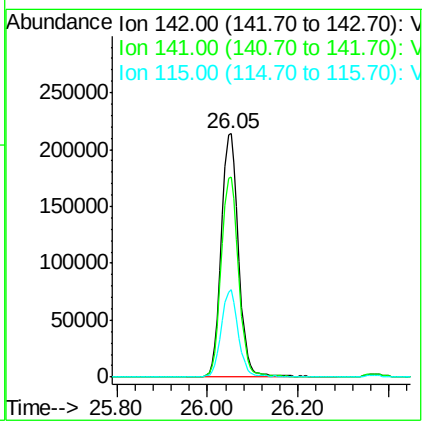


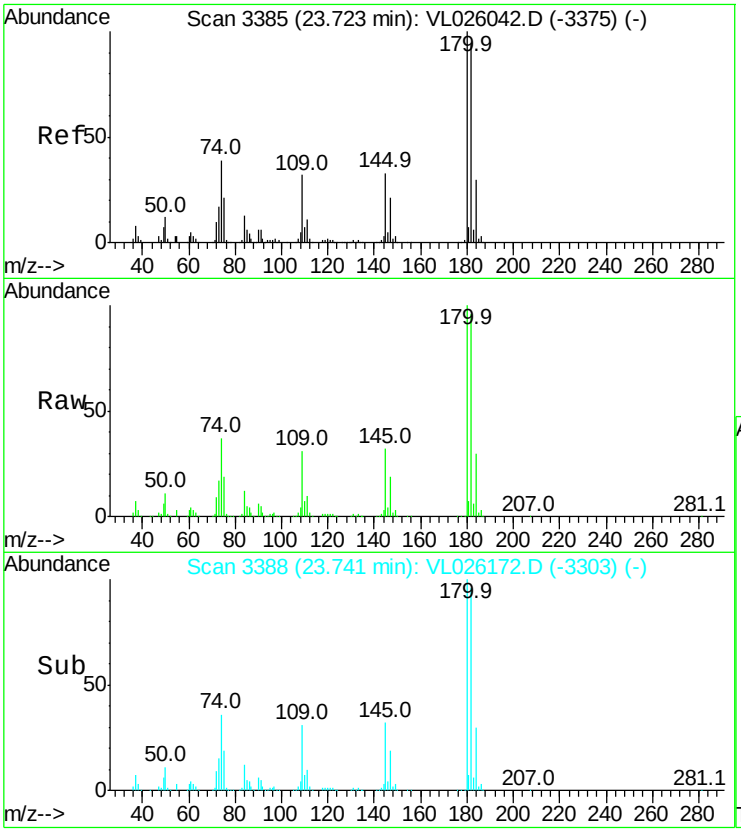


#80
Naphthalene,2-methyl-
Concen: 6.03 ppbv
RT: 26.05 min Scan# 3767
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Tgt Ion:142 Resp: 569316

Ion	Ratio	Lower	Upper
142	100		
141	83.2	66.7	100.1
115	35.5	28.6	43.0





#81
1,2,4-Trichlorobenzene
Concen: 6.56 ppbv
RT: 23.74 min Scan# 3388
Delta R.T. 0.02 min
Lab File: VL026172.D
Acq: 9 Oct 2015 10:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:180 Resp: 1270339

Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.5	114.7
184	30.0	24.2	36.4