Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\Data\VL102015\
Data File : VL026211.D
Acq On : 20 Oct 2015 13:47
Operator : SY/MD
Sample : VSTDICC0.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Quant Time: Oct 20 14:30:54 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL102015AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Oct 20 14:20:46 2015
QLast Update : Tue Oct 20 14:20:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	6.63	49	553878	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	8.30	114	1621680	10.00	ppbv		0.00
55) Chlorobenzene-d5	13.72	117	1909457	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	16.25	95	1527317	10.36	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.63	85	4249	0.04	ppbv		96
3) Chlorodifluoromethane	3.56	51	5658	0.08	ppbv	#	88
4) Chloromethane	3.75	50	1551	0.04	ppbv	#	42
5) Vinyl Chloride	3.89	62	1251	0.03	ppbv	#	42
6) Bromomethane	4.13	94	803	0.03	ppbv		89
7) Chloroethane	4.23	64	382	0.02	ppbv	#	41
8) Dichlorotetrafluoroethane	3.79	85	3089	0.03	ppbv		91
9) Propene	3.59	41	2169	0.07	ppbv	#	83
10) Heptane	9.33	43	4016	0.04	ppbv		89
11) Trichlorofluoromethane	4.68	101	4037	0.04	ppbv		94
12) 1,1,2-Trichlorotrifluoroet	5.29	101	2853	0.04	ppbv		90
13) Ethanol	4.37	45	267	0.05	ppbv	#	35
14) Bromoethene	4.45	108	789	0.02	ppbv	#	78
15) Acetone	4.64	43	20914	0.26	ppbv	#	47
16) 1,3-Butadiene	3.96	39	968	0.03	ppbv		97
17) tert-Butyl alcohol	5.18	59	864	0.02	ppbv	#	72
18) 1,1-Dichloroethene	5.06	96	405	0.01	ppbv	#	1
19) Isopropyl Alcohol	4.80	45	1152	0.04	ppbv	#	1
20) Methylene Chloride	5.14	84	3252	0.10	ppbv		87
21) Allyl Chloride	5.21	41	2752	0.05	ppbv	#	82
22) trans-1,2-Dichloroethene	5.75	96	1460	0.03	ppbv		89
23) Vinyl Acetate	5.99	43	7758	0.05	ppbv	#	92
24) 1,1-Dichloroethane	5.89	63	3221	0.03	ppbv	#	85
26) Hexane	6.64	57	2605	0.03	ppbv	#	56
27) Carbon Disulfide	5.37	76	1755	0.02	ppbv	#	1
28) Methyl tert-Butyl Ether	5.99	73	4898	0.04	ppbv	#	82
29) Chloroform	6.73	83	3875	0.04	ppbv		86
30) Cyclohexane	8.26	84	2611	0.03	ppbv	#	26
31) cis-1,2-Dichloroethene	6.49	61	2265	0.03	ppbv		96
32) 1,1,1-Trichloroethane	7.58	97	4275	0.04	ppbv		90
35) Carbon Tetrachloride	8.13	117	4025	0.03	ppbv		98
36) Benzene	8.01	78	6425	0.04	ppbv		96
37) 1,2-Dichloroethane	7.35	62	1598	0.02	ppbv	#	78
38) Trichloroethene	9.05	130	3343	0.04	ppbv	#	83
39) 1,2-Dichloropropane	8.81	63	2073	0.04	ppbv	#	87
41) Tetrahydrofuran	7.18	42	1625	0.03	ppbv	#	48
42) Bromodichloromethane	8.99	83	3801	0.03	ppbv	#	89
43) Methyl Methacrylate	9.26	69	756	0.01	ppbv	#	1
44) 2,2,4-Trimethylpentane	9.06	57	9088	0.03	ppbv		97
46) cis-1,3-Dichloropropene	9.99	75	3287	0.03	ppbv	#	88
47) 1,1,2-Trichloroethane	10.86	97	2373	0.03	ppbv	#	80

Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\Data\VL102015\
Data File : VL026211.D
Acq On : 20 Oct 2015 13:47
Operator : SY/MD
Sample : VSTDICC0.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Quant Time: Oct 20 14:30:54 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL102015AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Oct 20 14:20:46 2015
QLast Update : Tue Oct 20 14:20:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) Dibromochloromethane	11.78	129	3250	0.03	ppbv		98
49) Bromoform	14.79	173	2471	0.03	ppbv	#	91
50) 4-Methyl-2-Pentanone	10.12	43	2227	0.02	ppbv	#	58
51) 2-Hexanone	11.65	43	3662	0.03	ppbv	#	82
52) Tetrachloroethene	12.76	164	4662	0.05	ppbv	#	83
53) Toluene	11.22	91	8695	0.04	ppbv		96
54) 1,2-Dibromoethane	12.12	107	3367	0.03	ppbv		88
56) 1,1,1,2-Tetrachloroethane	13.76	131	3009	0.04	ppbv	#	1
57) Chlorobenzene	13.79	112	7139	0.04	ppbv	#	89
58) Ethyl Benzene	14.39	91	12432	0.04	ppbv		97
59) m/p-Xylene	14.68	91	3012	0.01	ppbv	#	27
60) o-Xylene	15.47	91	11531	0.05	ppbv		96
61) Styrene	15.30	104	3216	0.03	ppbv	#	90
62) Isopropylbenzene	16.52	105	13122	0.04	ppbv		99
63) 1,1,2,2-Tetrachloroethane	15.46	83	5601	0.03	ppbv	#	92
64) n-propylbenzene	17.49	120	1578	0.02	ppbv	#	1
65) tert-Butylbenzene	18.78	119	12172	0.04	ppbv	#	86
66) Benzyl Chloride	19.08	91	2236	0.02	ppbv	#	62
67) sec-Butylbenzene	19.39	105	16541	0.04	ppbv		99
69) p-Isopropyltoluene	19.77	119	9051	0.02	ppbv	#	80
70) n-Butylbenzene	20.74	91	12771	0.04	ppbv		96
71) 2-Chlorotoluene	17.40	91	8983	0.03	ppbv		98
72) 4-Ethyltoluene	17.80	105	10452	0.04	ppbv	#	85
73) 1,3,5-Trimethylbenzene	17.97	105	10828	0.04	ppbv		93
74) 1,2,4-Trimethylbenzene	18.81	105	13538	0.05	ppbv	#	85
75) 1,3-Dichlorobenzene	19.10	146	7128	0.04	ppbv		95
76) 1,4-Dichlorobenzene	19.25	146	7500	0.04	ppbv		96
77) 1,2-Dichlorobenzene	20.00	146	7402	0.04	ppbv		92
78) Hexachloro-1,3-Butadiene	24.66	225	4292	0.05	ppbv		97
79) Naphthalene	23.92	128	4882	0.02	ppbv		98
81) 1,2,4-Trichlorobenzene	23.72	180	4109	0.04	ppbv		90

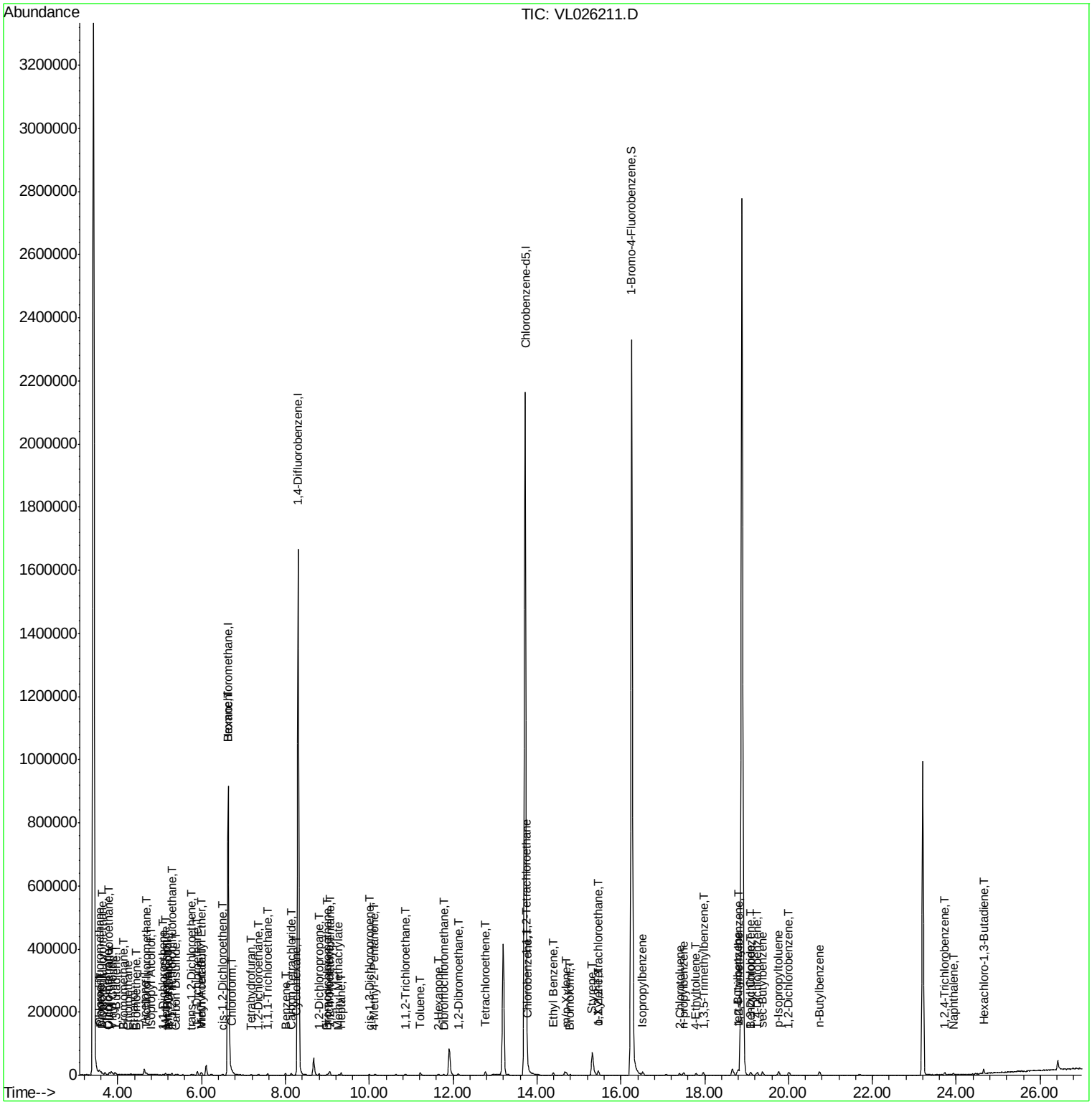
(#) = qualifier out of range (m) = manual integration (+) = signals summed

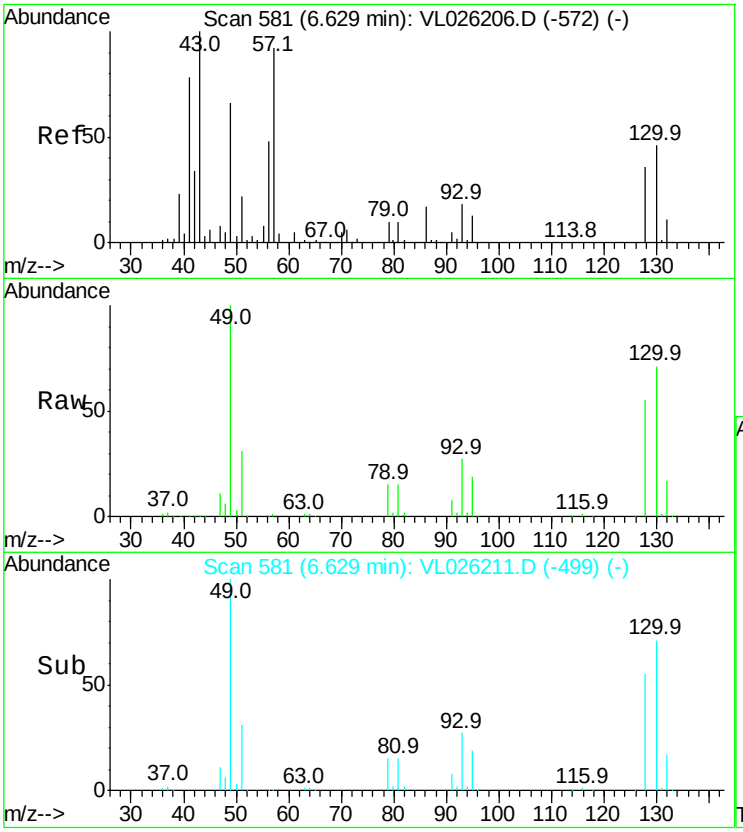
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\Data\VL102015\
Data File : VL026211.D
Acq On : 20 Oct 2015 13:47
Operator : SY/MD
Sample : VSTDICC0.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Quant Time: Oct 20 14:30:54 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL102015AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Oct 20 14:20:46 2015
QLast Update : Tue Oct 20 14:20:46 2015
Response via : Initial Calibration



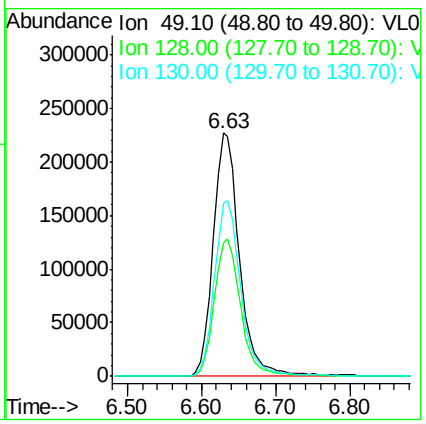


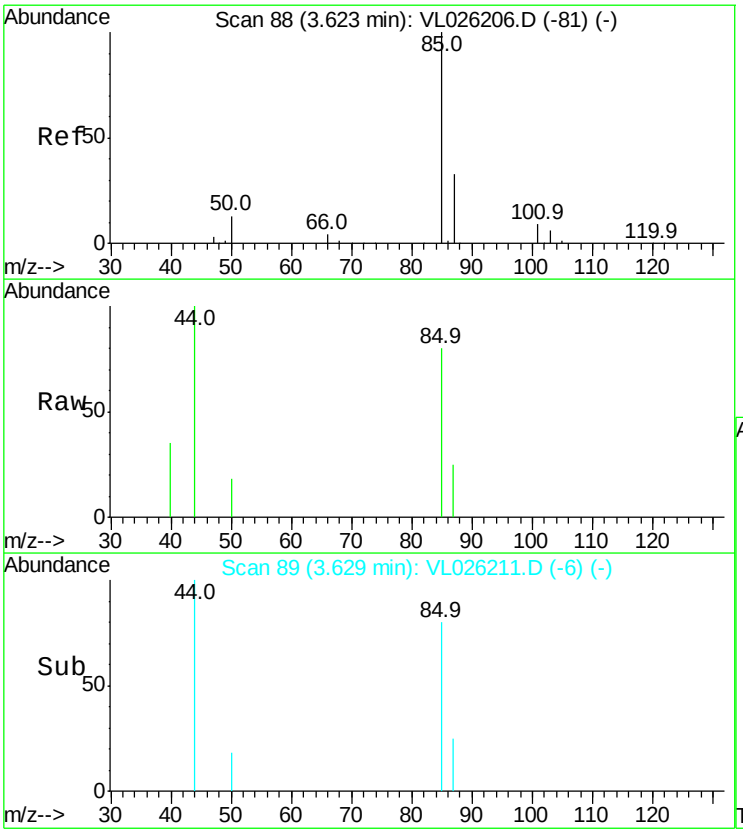
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 6.63 min Scan# 581
Delta R.T. -0.00 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 49 Resp: 553878

Ion	Ratio	Lower	Upper
49	100		
128	57.7	28.1	84.3
130	73.2	36.2	108.6

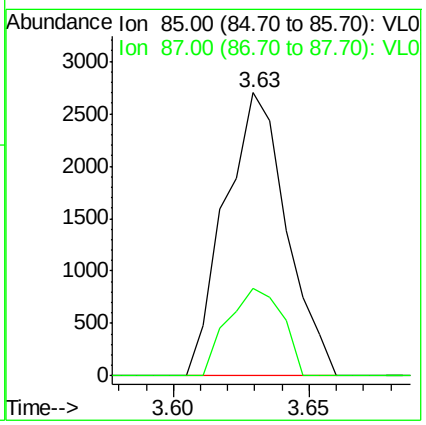


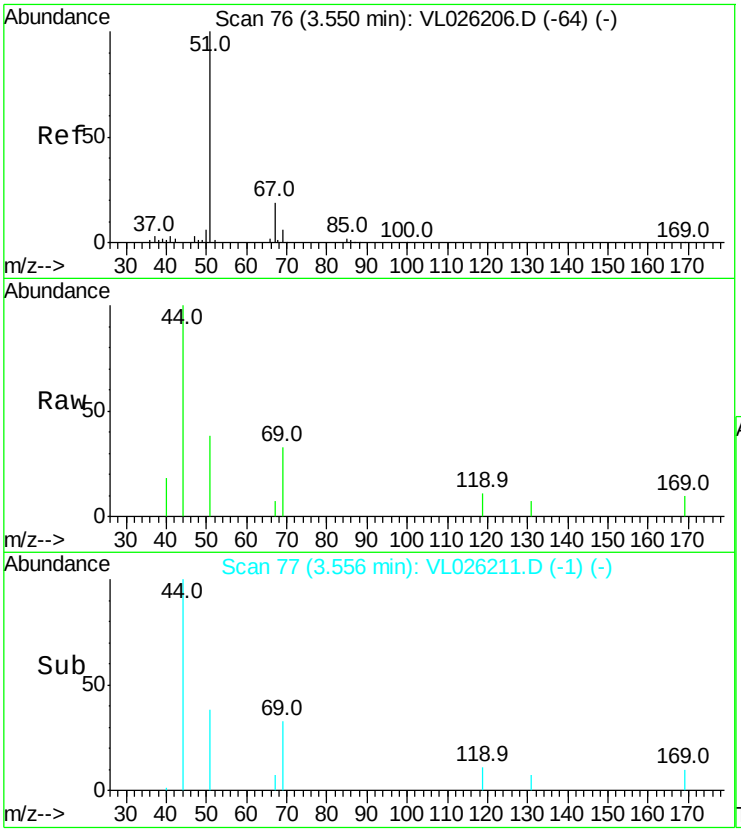


#2
Dichlorodifluoromethane
Concen: 0.04 ppbv
RT: 3.63 min Scan# 89
Delta R.T. 0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Tgt Ion: 85 Resp: 4249

Ion	Ratio	Lower	Upper
85	100		
87	30.8	26.5	39.7



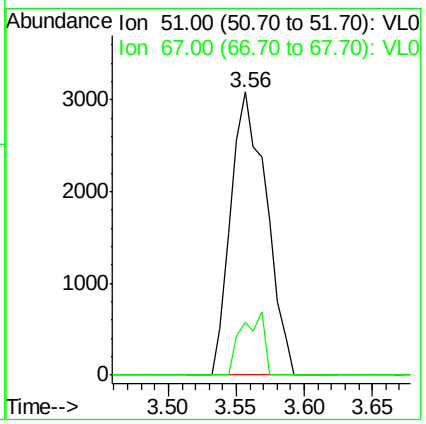


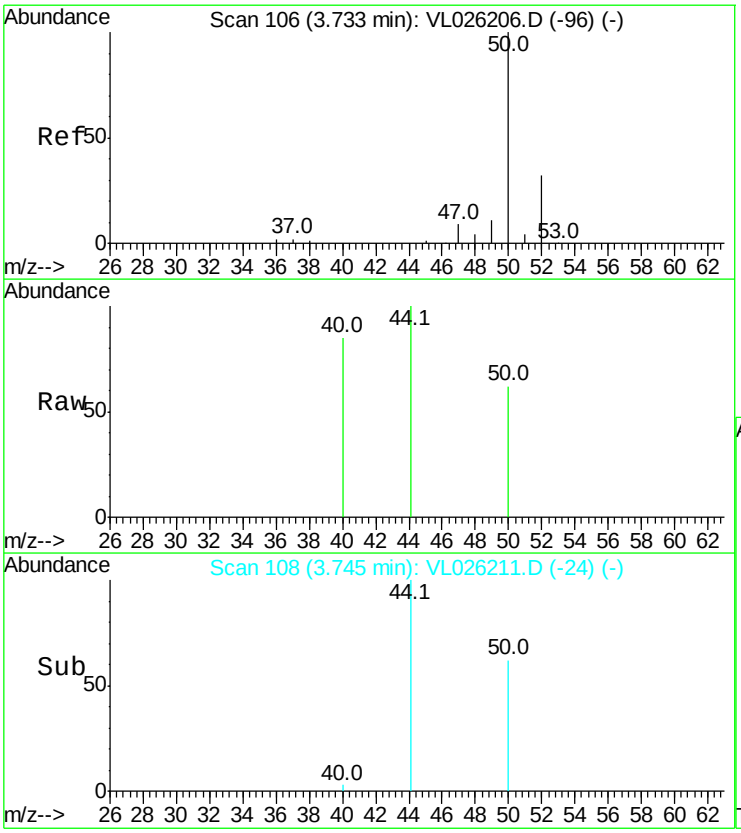
#3
Chlorodifluoromethane
Concen: 0.08 ppbv
RT: 3.56 min Scan# 77
Delta R.T. 0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 51 Resp: 5658

Ion	Ratio	Lower	Upper
51	100		
67	14.0	15.6	23.4#

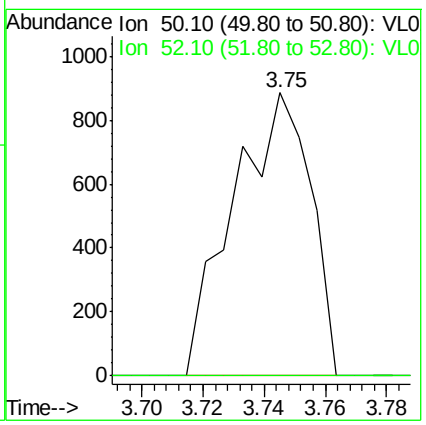


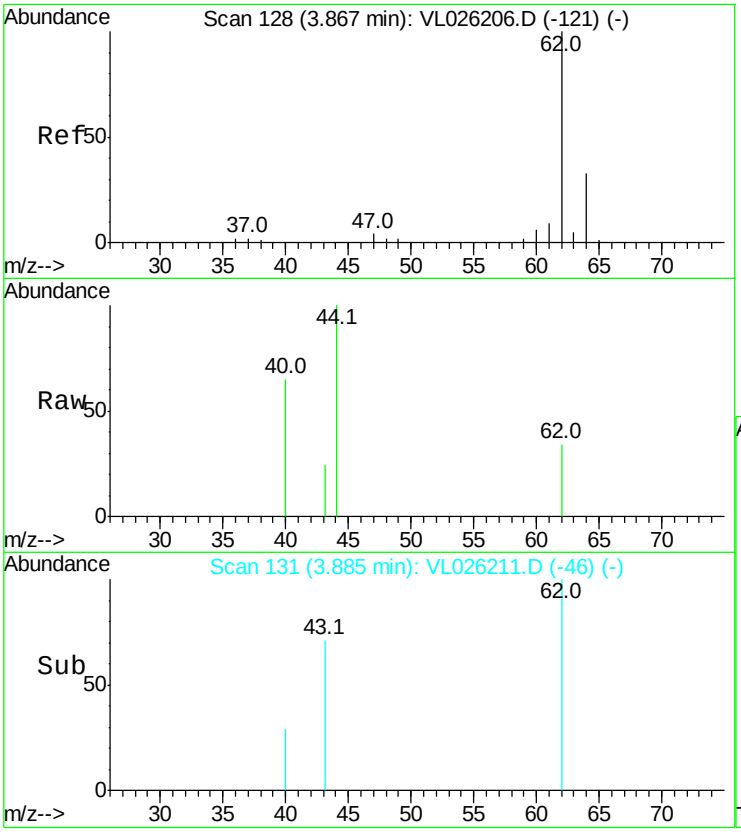


#4
Chloromethane
Concen: 0.04 ppbv
RT: 3.75 min Scan# 108
Delta R.T. 0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Tgt Ion: 50 Resp: 1551

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.8	38.6#



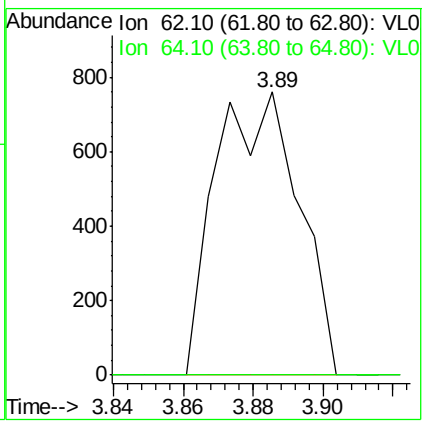


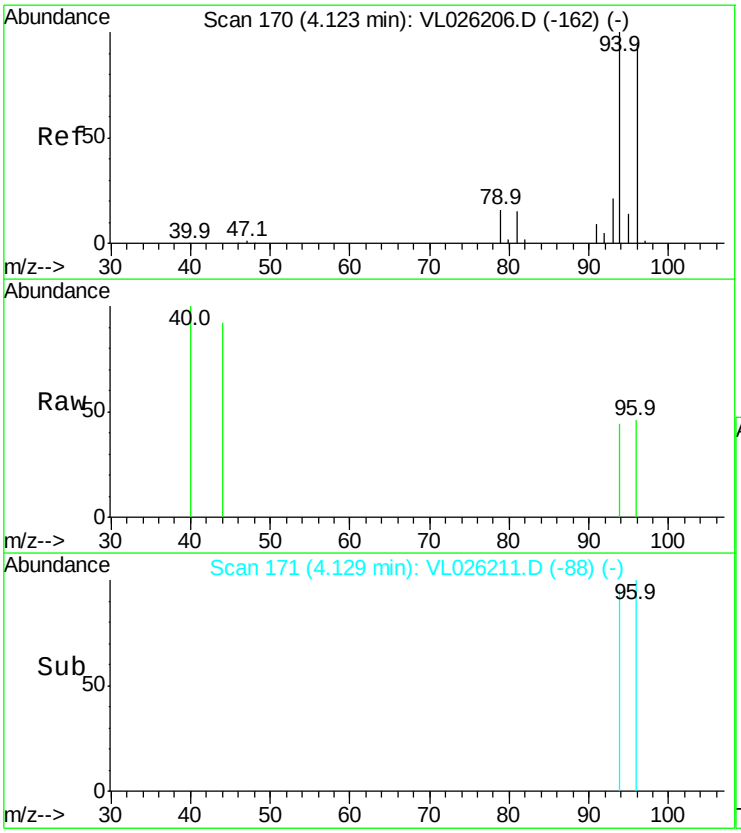
#5
Vinyl Chloride
Concen: 0.03 ppbv
RT: 3.89 min Scan# 131
Delta R.T. 0.02 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 62 Resp: 1251

Ion	Ratio	Lower	Upper
62	100		
64	0.0	26.3	39.5#

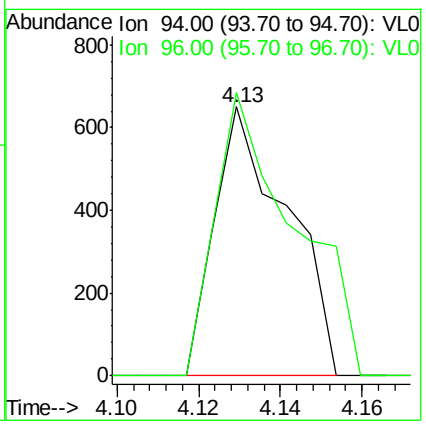


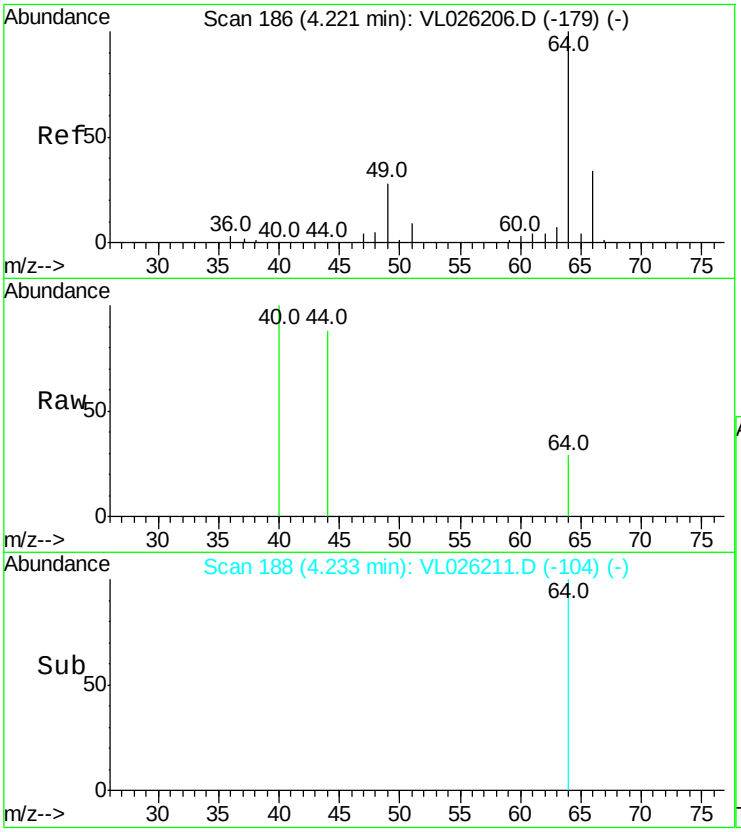


#6
Bromomethane
Concen: 0.03 ppbv
RT: 4.13 min Scan# 171
Delta R.T. 0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Tgt Ion: 94 Resp: 803

Ion	Ratio	Lower	Upper
94	100		
96	105.2	75.5	113.3



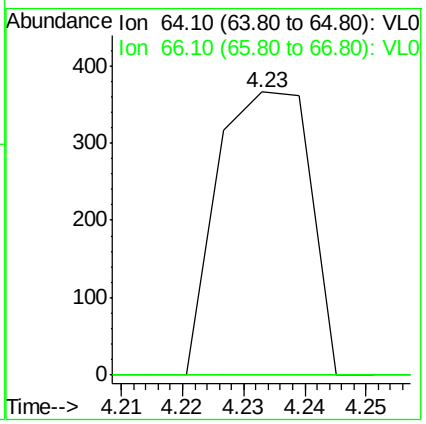


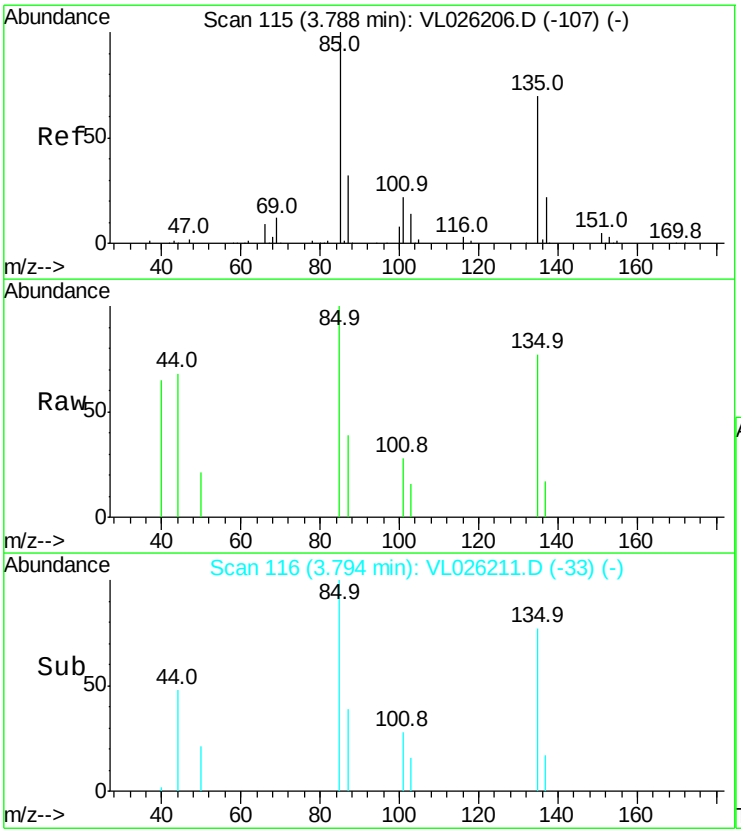
#7
Chloroethane
Concen: 0.02 ppbv
RT: 4.23 min Scan# 188
Delta R.T. 0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 64 Resp: 382

Ion	Ratio	Lower	Upper
64	100		
66	0.0	27.0	40.6#

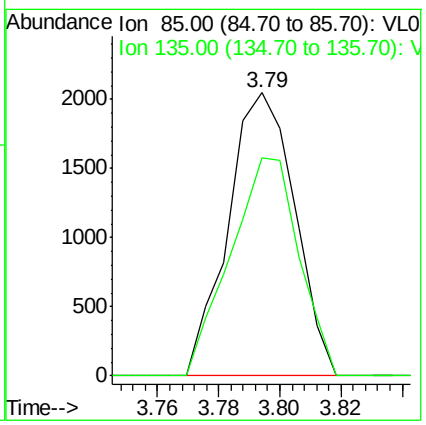


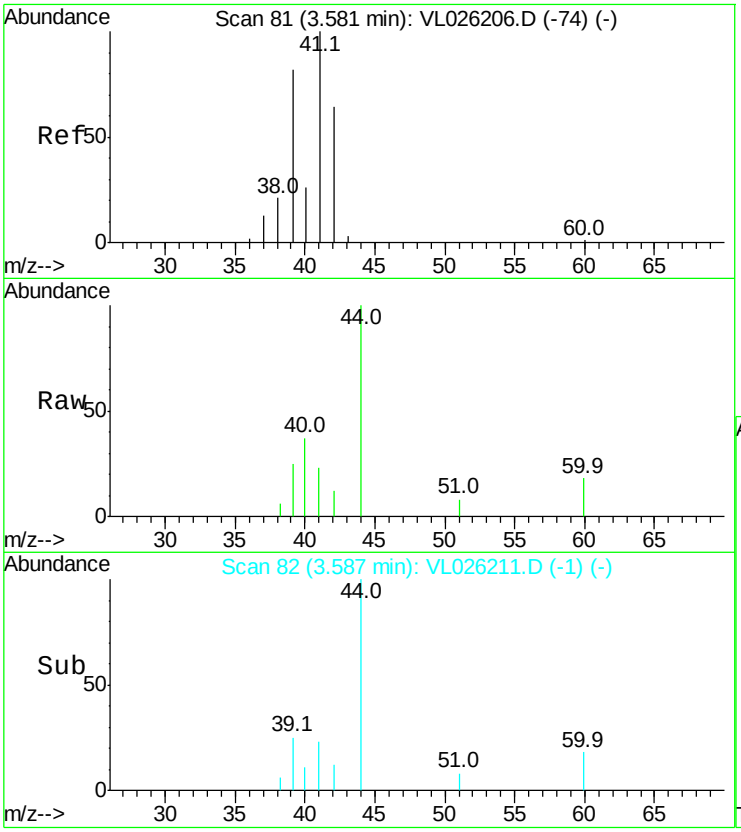


#8
Dichlorotetrafluoroethane
Concen: 0.03 ppbv
RT: 3.79 min Scan# 116
Delta R.T. 0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Tgt Ion: 85 Resp: 3089

Ion	Ratio	Lower	Upper
85	100		
135	79.4	57.5	86.3



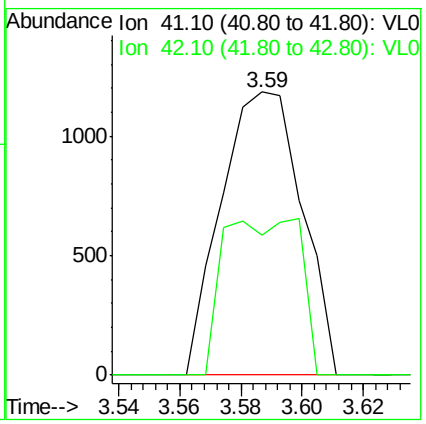


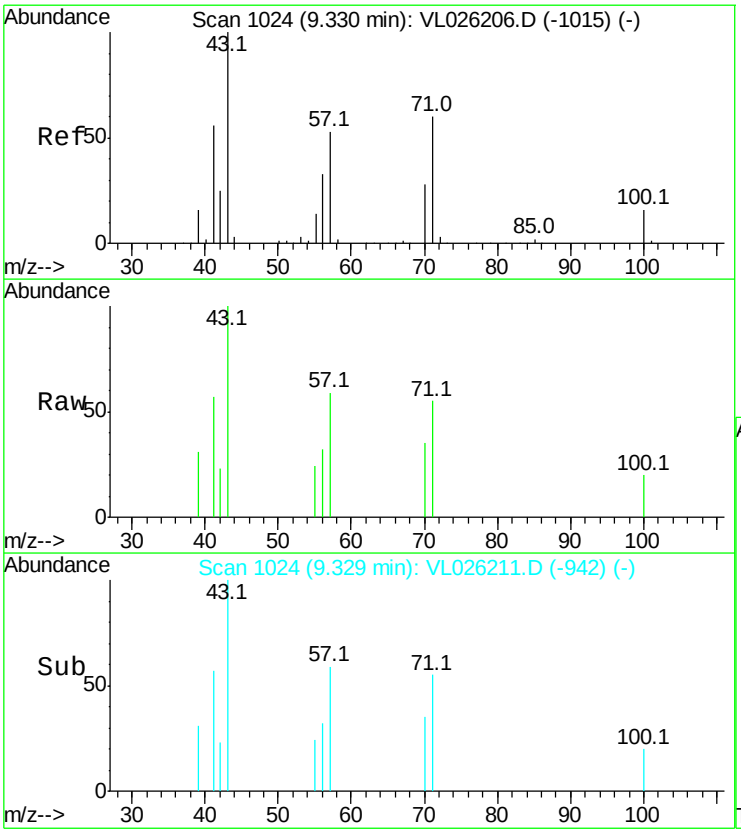
#9
Propene
Concen: 0.07 ppbv
RT: 3.59 min Scan# 82
Delta R.T. 0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 41 Resp: 2169

Ion	Ratio	Lower	Upper
41	100		
42	52.9	53.1	79.7#

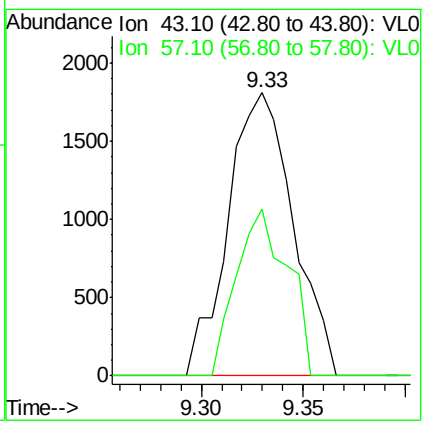


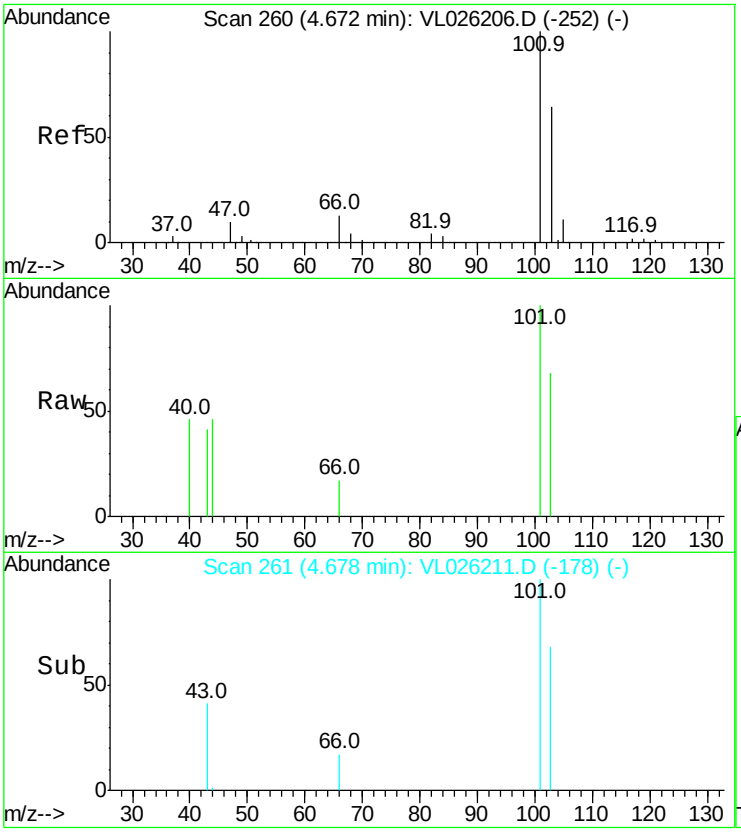


#10
Heptane
Concen: 0.04 ppbv
RT: 9.33 min Scan# 1024
Delta R.T. -0.00 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Tgt Ion: 43 Resp: 4016

Ion	Ratio	Lower	Upper
43	100		
57	46.3	43.5	65.3



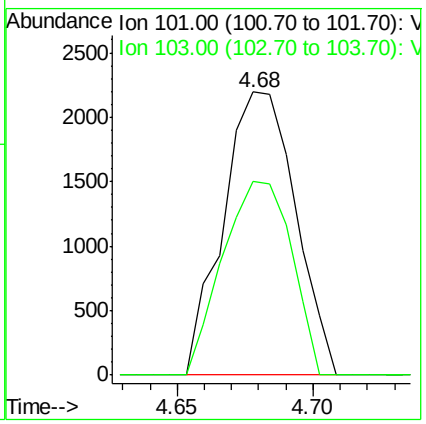


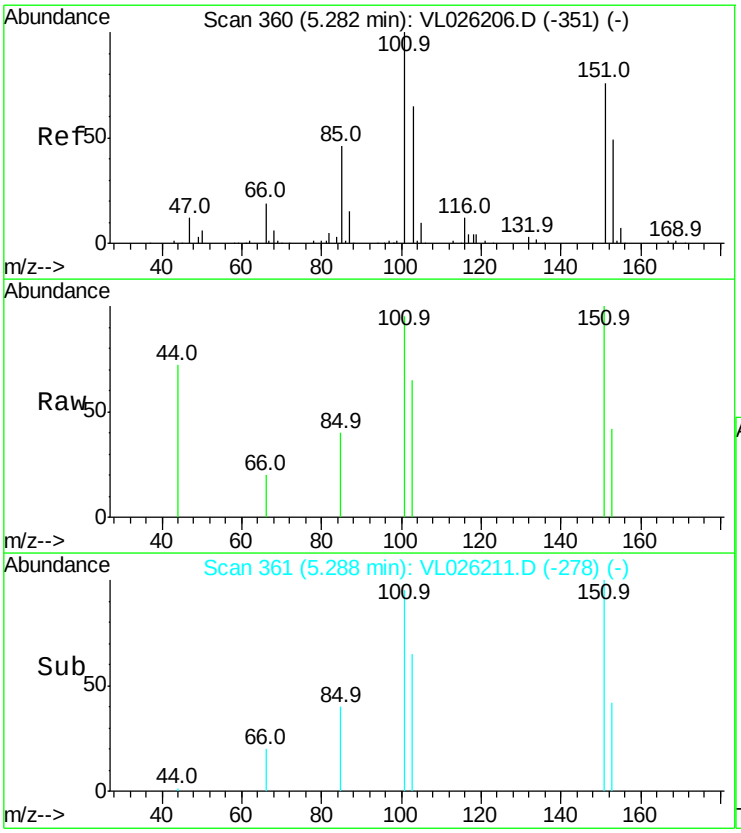
#11
Trichlorofluoromethane
Concen: 0.04 ppbv
RT: 4.68 min Scan# 261
Delta R.T. 0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion:101 Resp: 4037

Ion	Ratio	Lower	Upper
101	100		
103	68.3	51.2	76.8

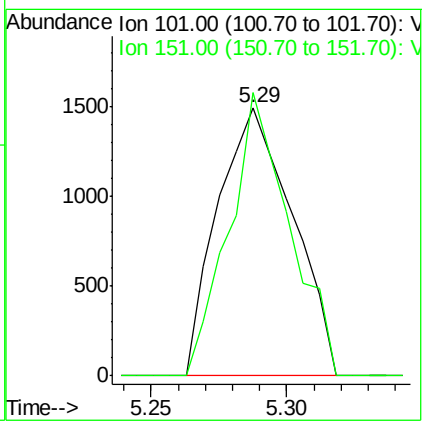


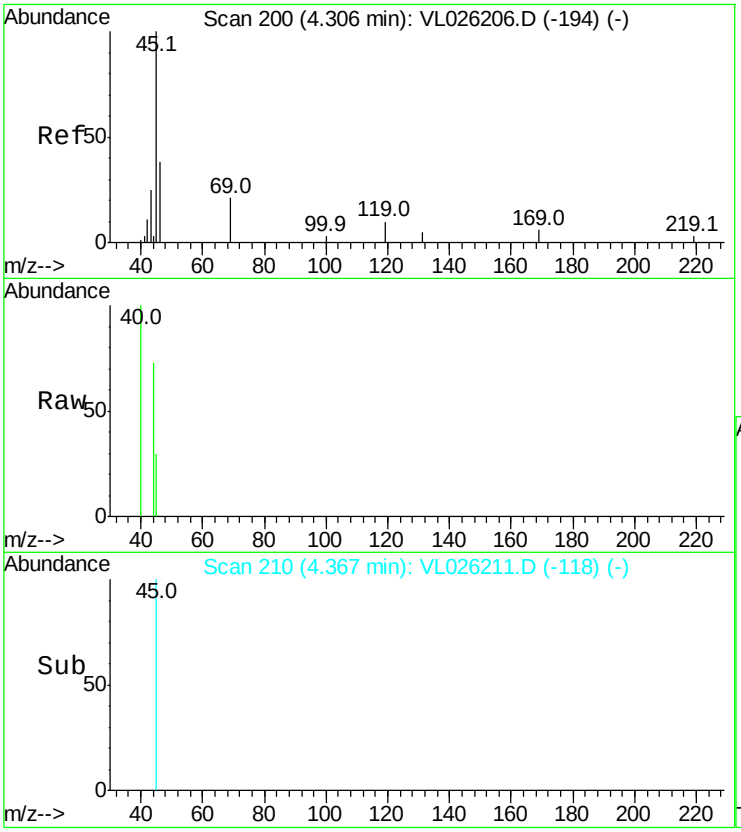


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.04 ppbv
RT: 5.29 min Scan# 361
Delta R.T. 0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Tgt Ion:101 Resp: 2853

Ion	Ratio	Lower	Upper
101	100		
151	84.9	61.4	92.0



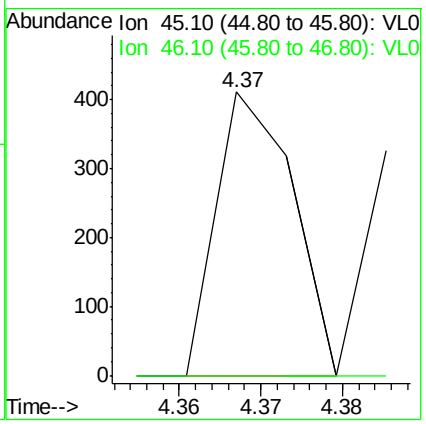


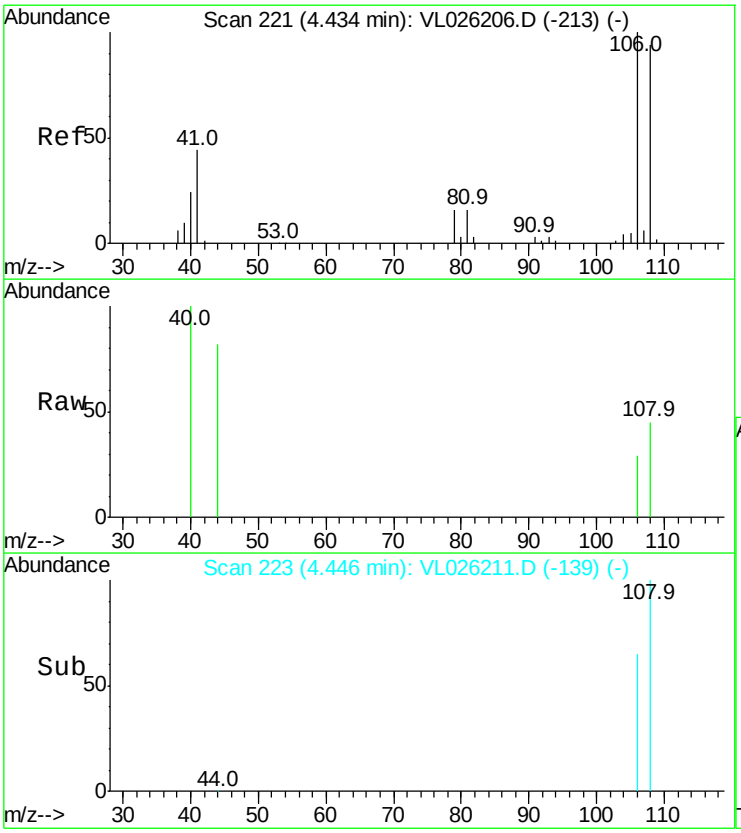
#13
Ethanol
Concen: 0.05 ppbv
RT: 4.37 min Scan# 210
Delta R.T. 0.06 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 45 Resp: 267

Ion	Ratio	Lower	Upper
45	100		
46	0.0	16.1	64.3#

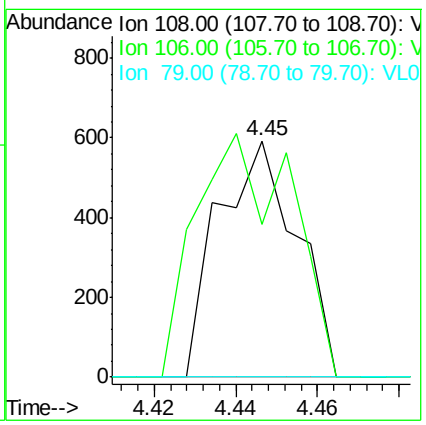


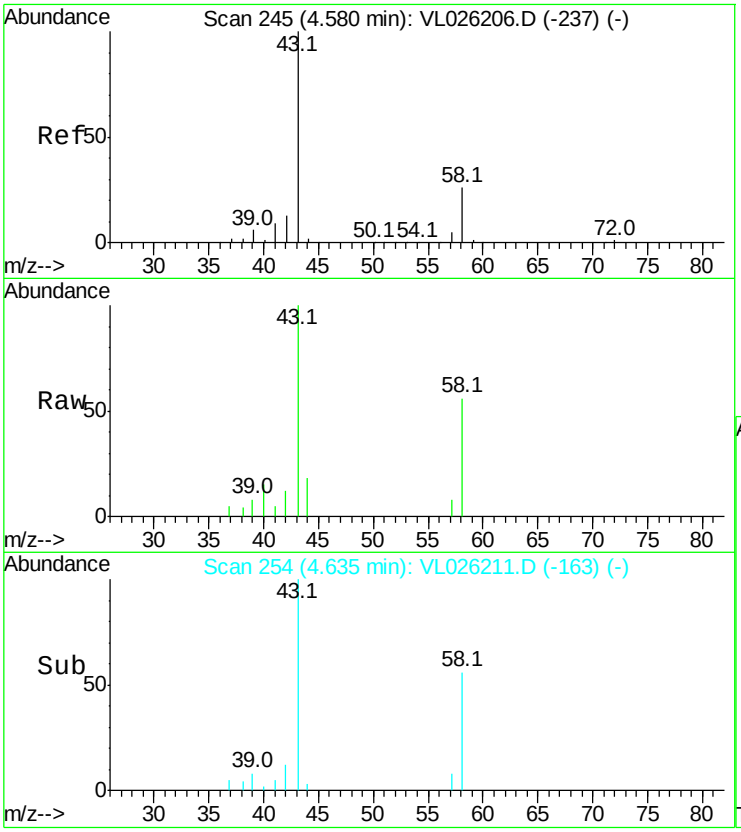


#14
Bromoethene
Concen: 0.02 ppbv
RT: 4.45 min Scan# 223
Delta R.T. 0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Tgt Ion:108 Resp: 789

Ion	Ratio	Lower	Upper
108	100		
106	126.5	85.3	127.9
79	0.0	13.4	20.0#



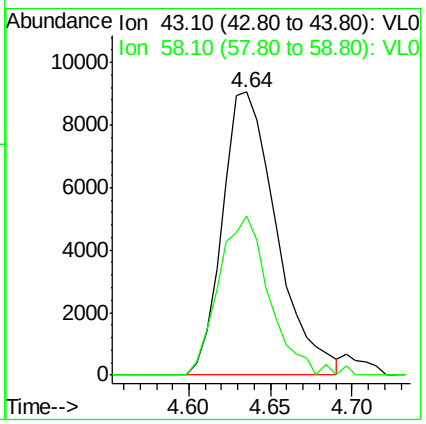


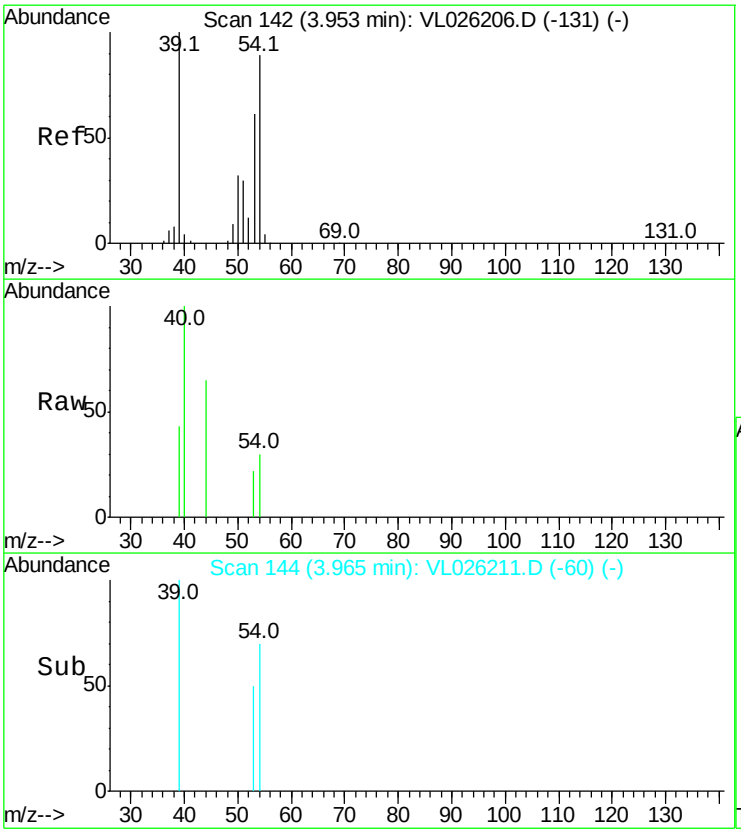
#15
Acetone
Concen: 0.26 ppbv
RT: 4.64 min Scan# 254
Delta R.T. 0.05 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 43 Resp: 20914

Ion	Ratio	Lower	Upper
43	100		
58	53.1	21.0	31.4#

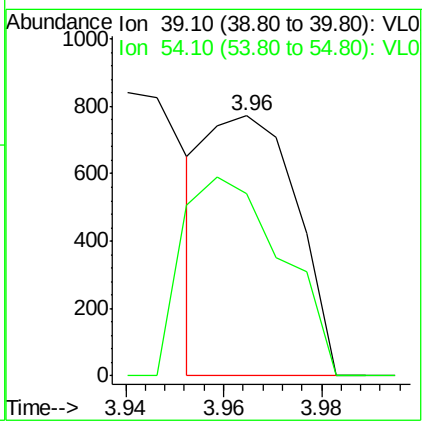


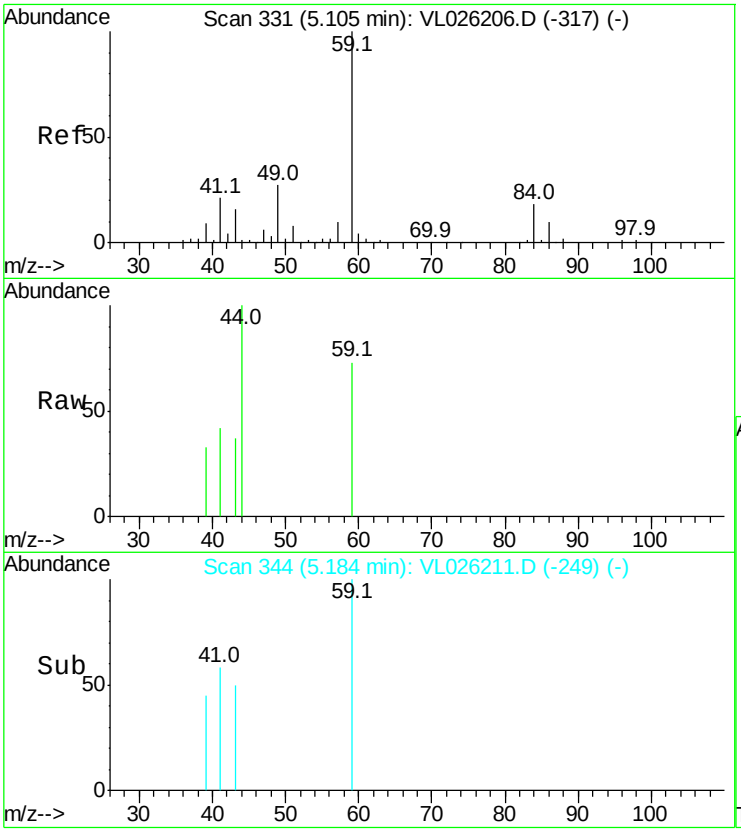


#16
1,3-Butadiene
Concen: 0.03 ppbv
RT: 3.96 min Scan# 144
Delta R.T. 0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Tgt Ion: 39 Resp: 968

Ion	Ratio	Lower	Upper
39	100		
54	86.7	67.3	100.9



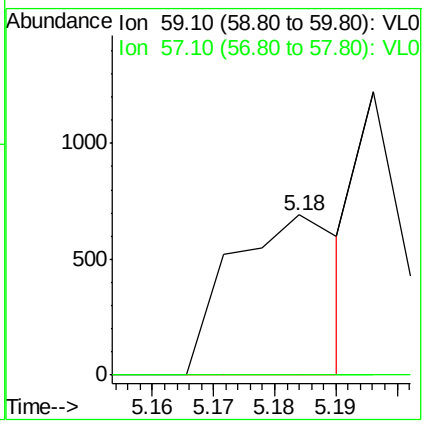


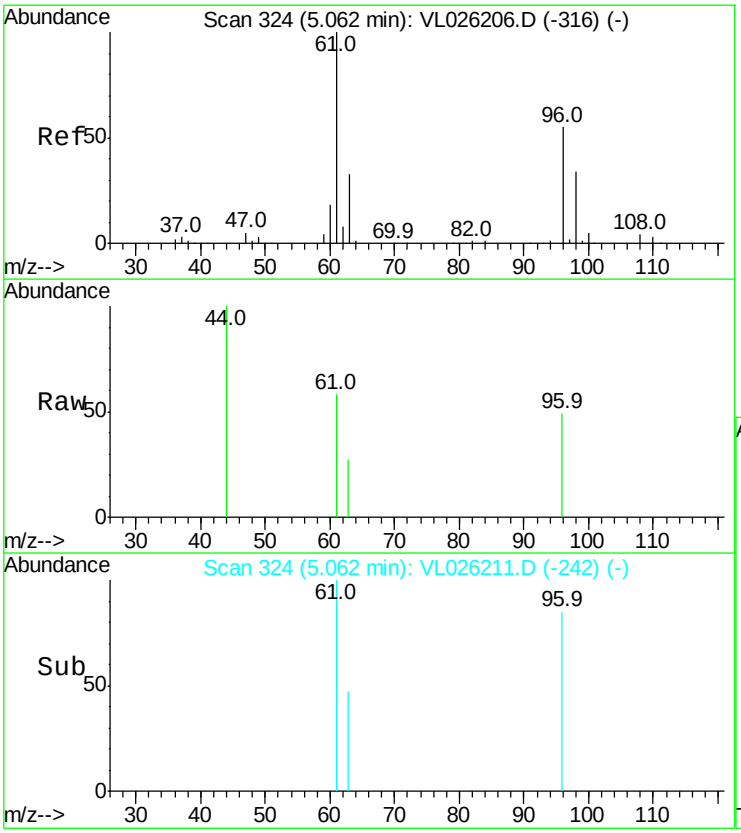
#17
tert-Butyl alcohol
Concen: 0.02 ppbv
RT: 5.18 min Scan# 344
Delta R.T. 0.08 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 59 Resp: 864

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8#

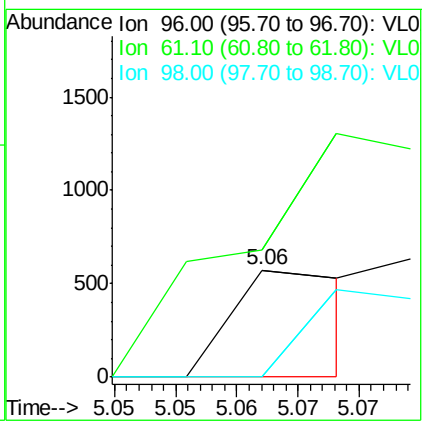


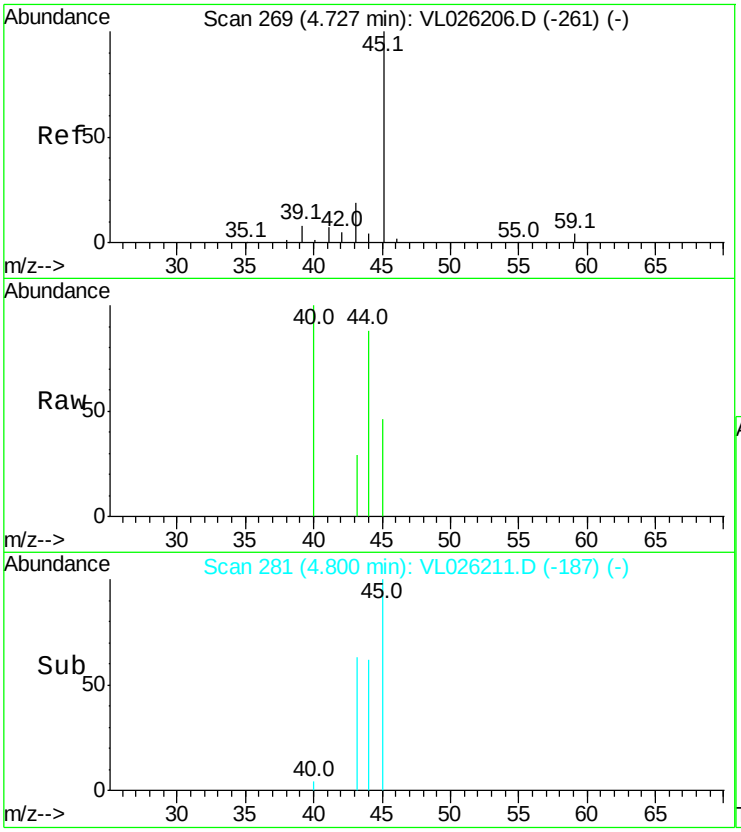


#18
1,1-Dichloroethene
Concen: 0.01 ppbv
RT: 5.06 min Scan# 324
Delta R.T. -0.00 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Tgt Ion: 96 Resp: 405

Ion	Ratio	Lower	Upper
96	100		
61	9.8	146.6	219.8#
98	0.0	50.5	75.7#



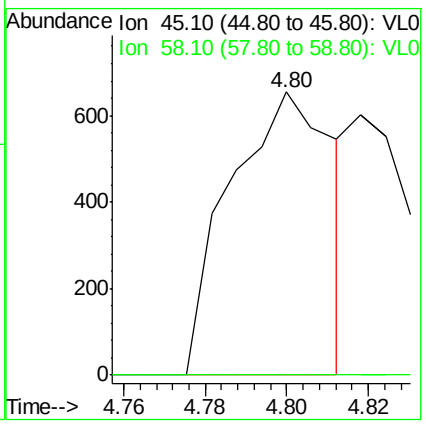


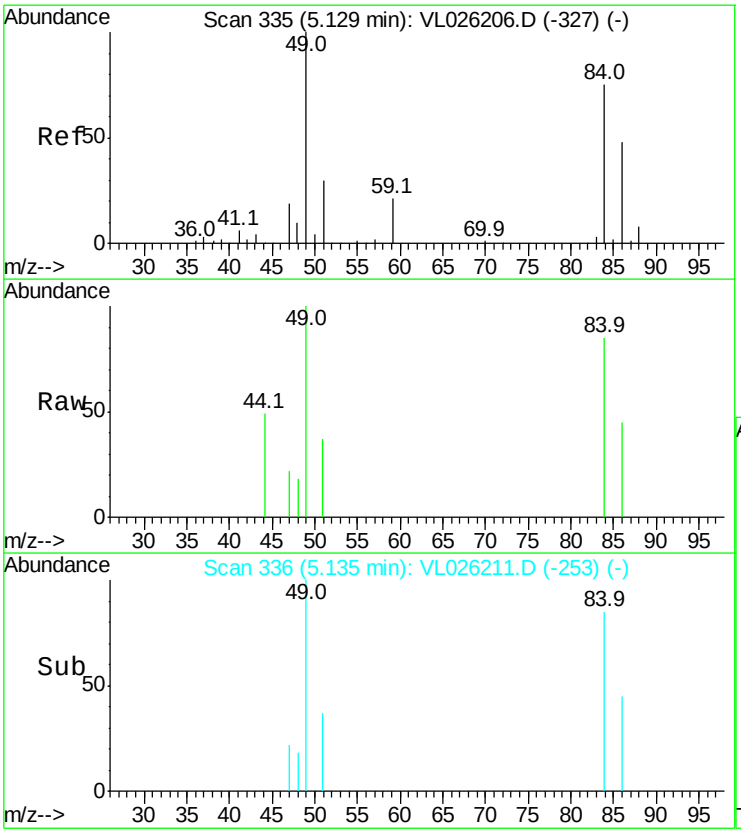
#19
Isopropyl Alcohol
Concen: 0.04 ppbv
RT: 4.80 min Scan# 281
Delta R.T. 0.07 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 45 Resp: 1152

Ion	Ratio	Lower	Upper
45	100		
58	964.3	42.4	63.6#

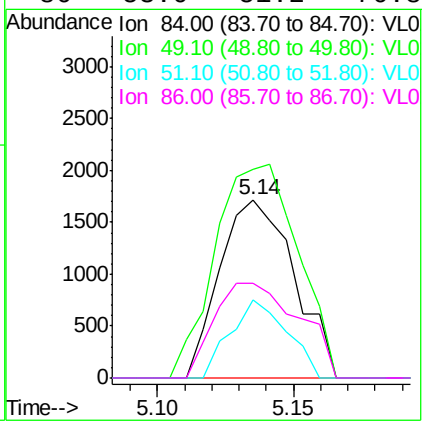


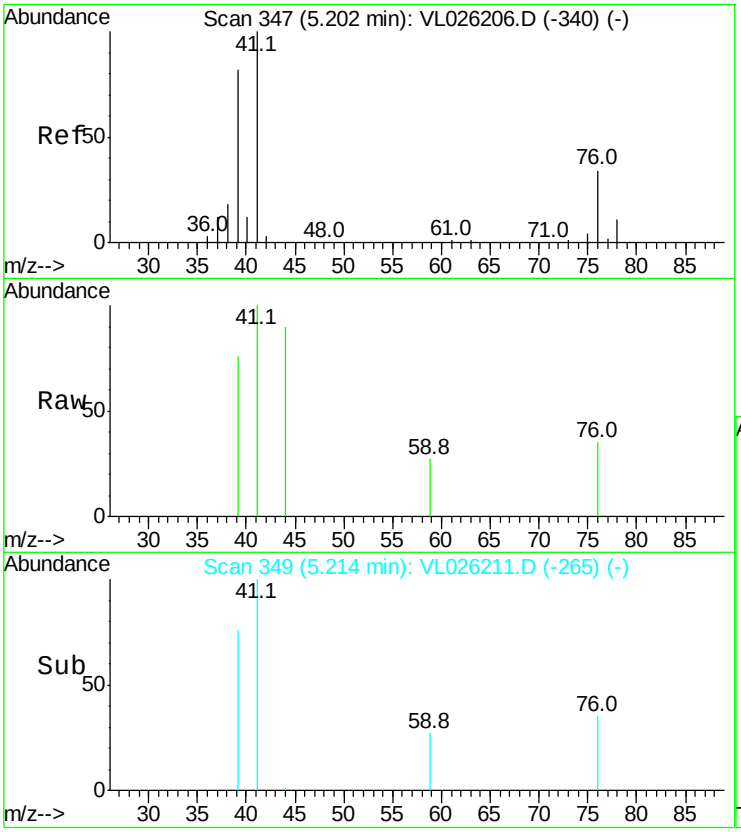


#20
Methylene Chloride
Concen: 0.10 ppbv
RT: 5.14 min Scan# 336
Delta R.T. 0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Tgt Ion: 84 Resp: 3252

Ion	Ratio	Lower	Upper
84	100		
49	117.0	107.9	161.9
51	43.5	32.4	48.6
86	53.0	51.2	76.8



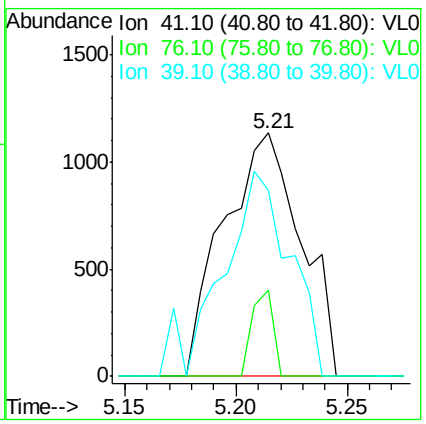


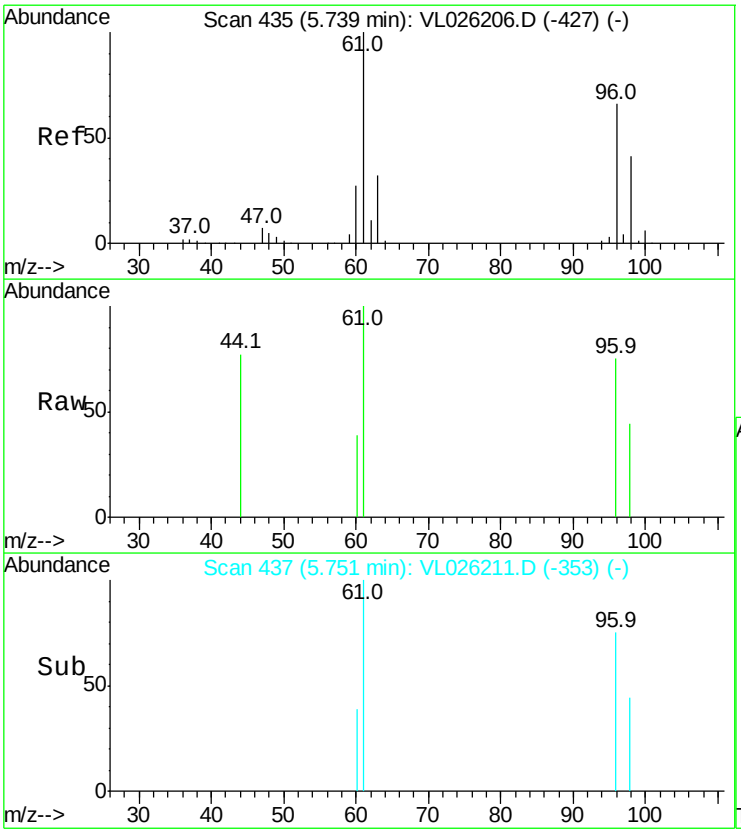
#21
Allyl Chloride
Concen: 0.05 ppbv
RT: 5.21 min Scan# 349
Delta R.T. 0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Tgt Ion: 41 Resp: 2752

Ion	Ratio	Lower	Upper
41	100		
76	9.7	26.2	39.4#
39	73.8	65.6	98.4

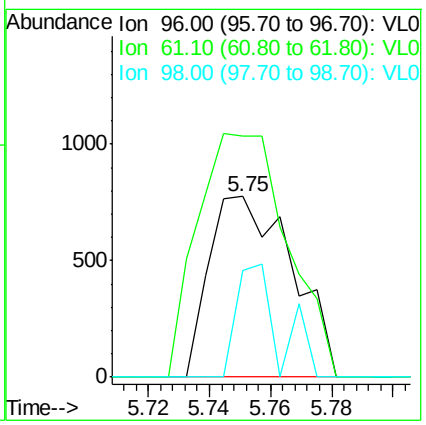


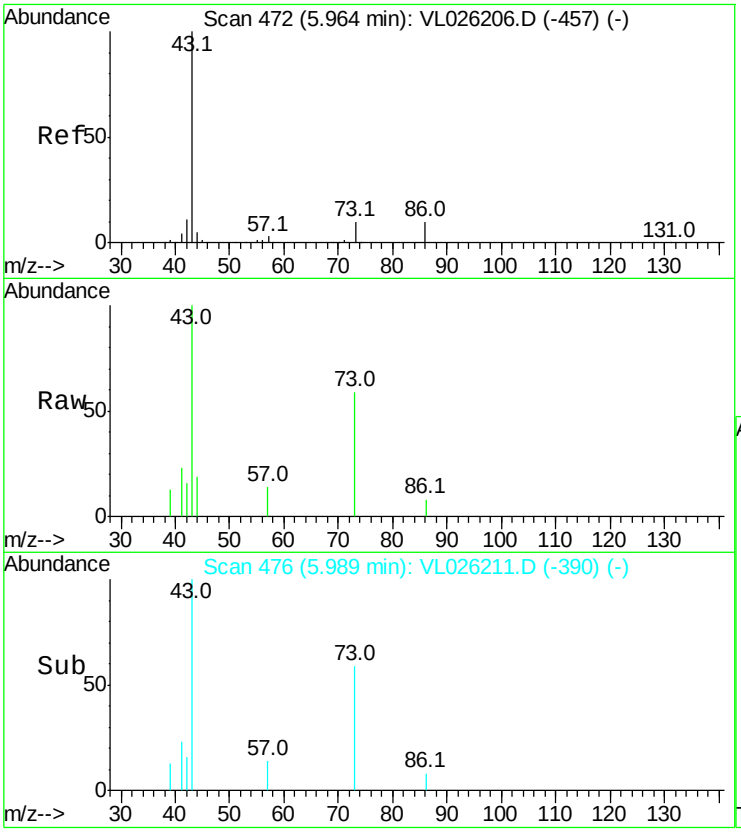


#22
trans-1,2-Dichloroethene
Concen: 0.03 ppbv
RT: 5.75 min Scan# 437
Delta R.T. 0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Tgt Ion: 96 Resp: 1460

Ion	Ratio	Lower	Upper
96	100		
61	133.5	121.3	181.9
98	59.0	49.8	74.8



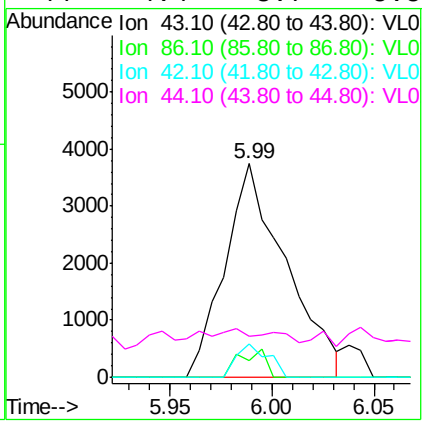


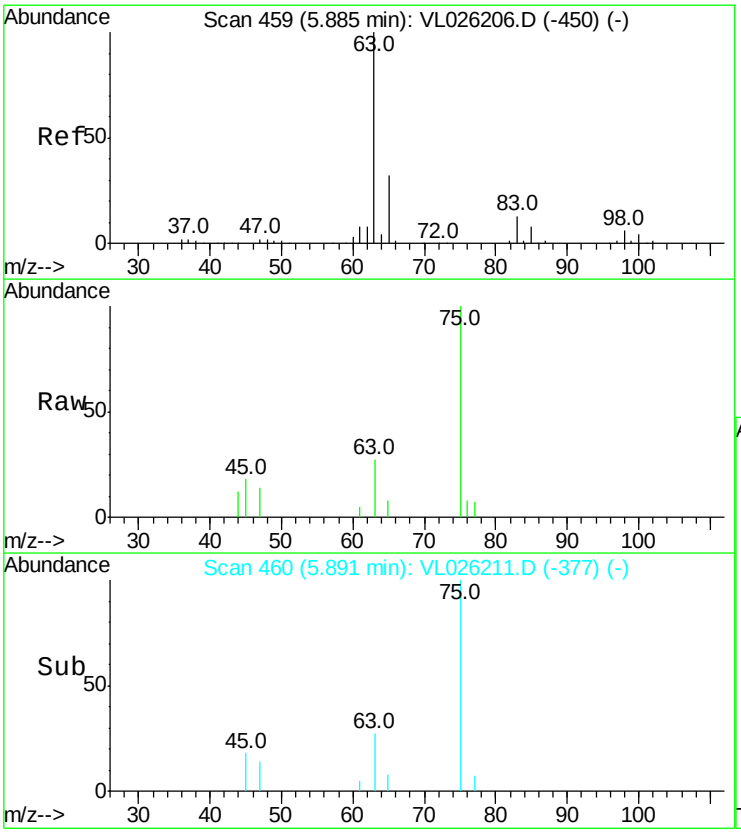
#23
Vinyl Acetate
Concen: 0.05 ppbv
RT: 5.99 min Scan# 476
Delta R.T. 0.02 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Tgt Ion: 43 Resp: 7758

Ion	Ratio	Lower	Upper
43	100		
86	8.0	7.8	11.6
42	15.6	8.4	12.6#
44	4.4	3.7	5.5

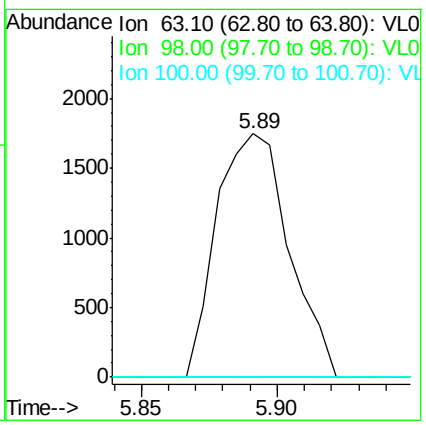


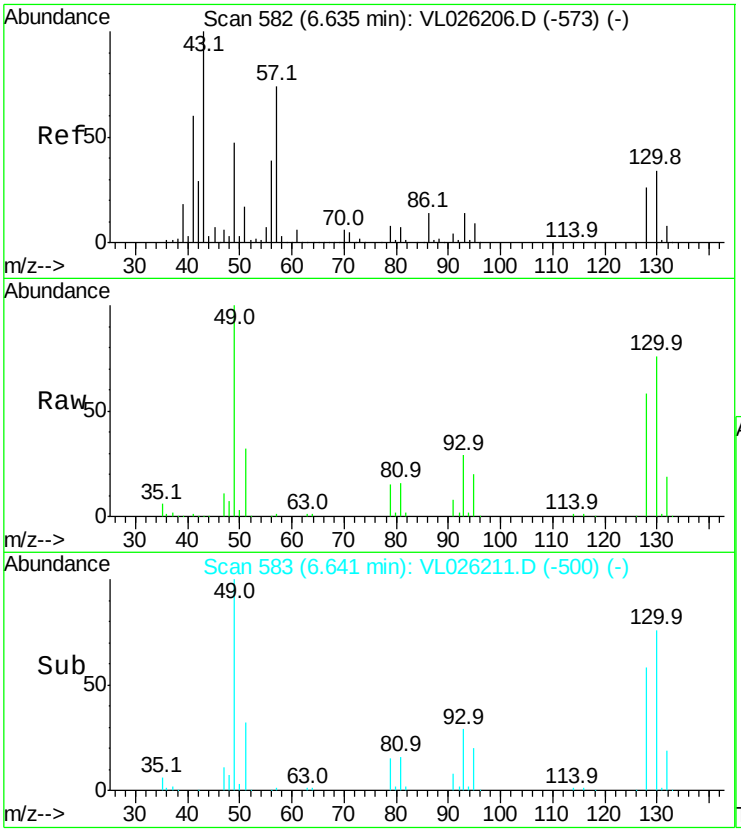


#24
1,1-Dichloroethane
Concen: 0.03 ppbv
RT: 5.89 min Scan# 460
Delta R.T. 0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Tgt Ion: 63 Resp: 3221

Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.9	8.7#
100	0.0	1.8	5.5#



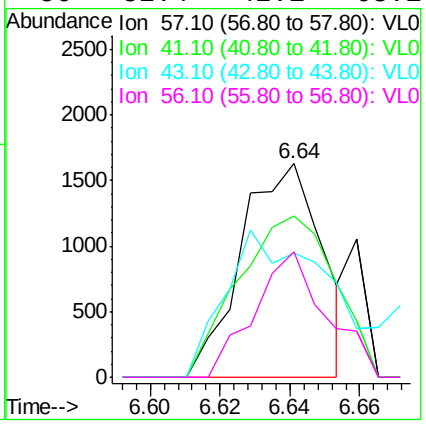


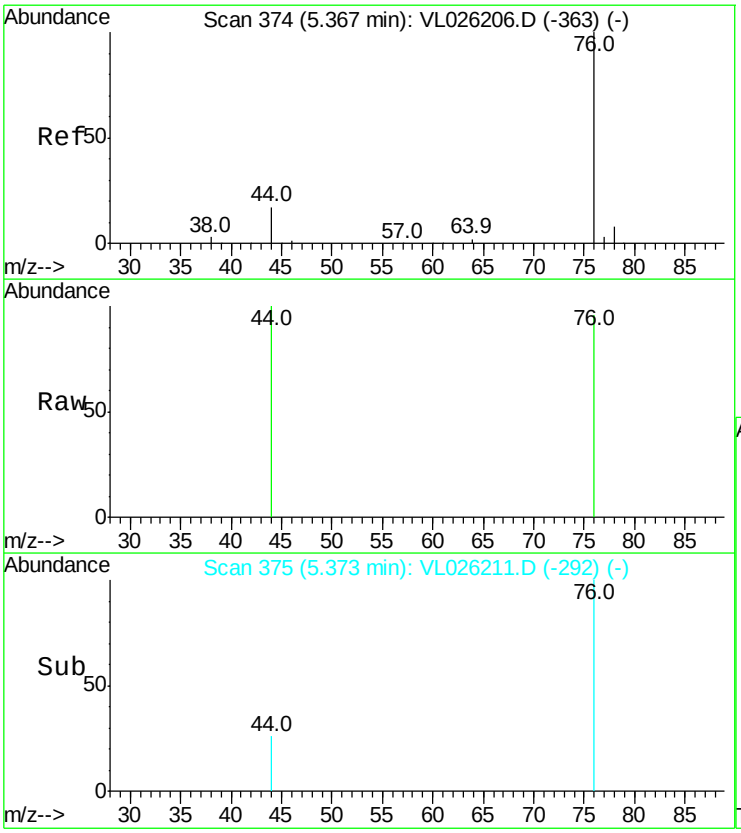
#26
Hexane
Concen: 0.03 ppbv
RT: 6.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Tgt Ion: 57 Resp: 2605

Ion	Ratio	Lower	Upper
57	100		
41	91.1	67.0	100.6
43	89.6	156.0	234.0#
56	52.4	42.1	63.1

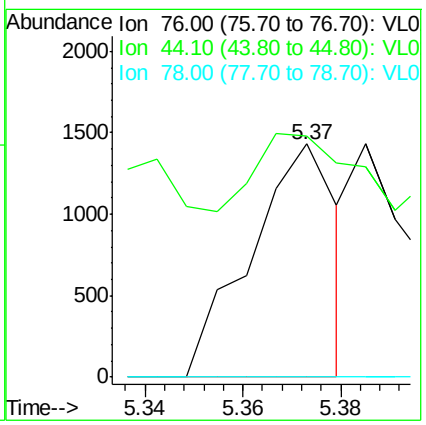


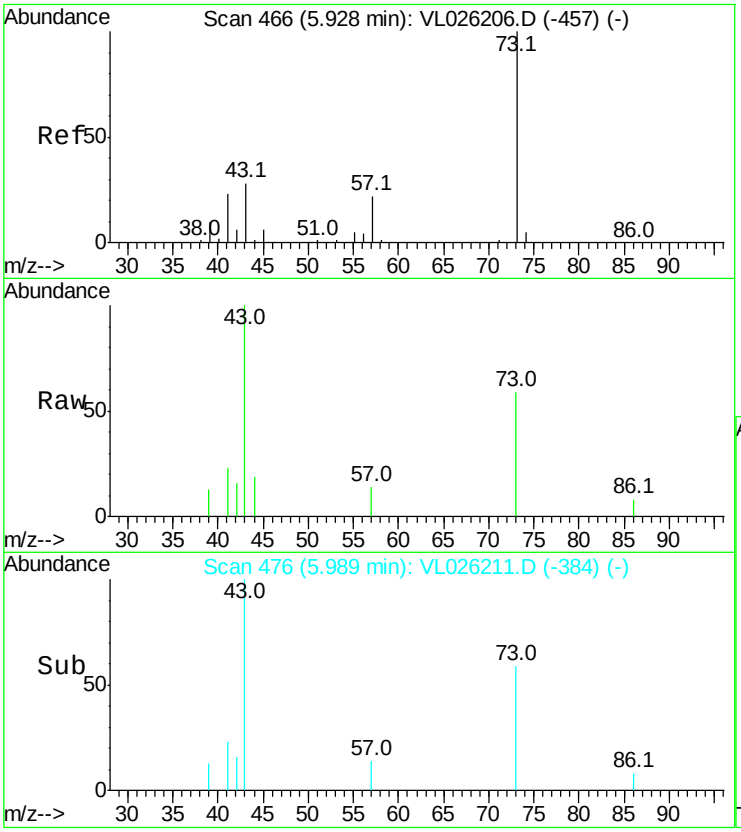


#27
Carbon Disulfide
Concen: 0.02 ppbv
RT: 5.37 min Scan# 375
Delta R.T. 0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Tgt Ion: 76 Resp: 1755

Ion	Ratio	Lower	Upper
76	100		
44	204.4	13.8	20.6#
78	0.0	7.4	11.2#



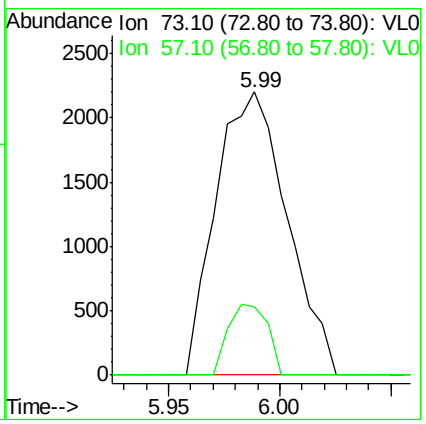


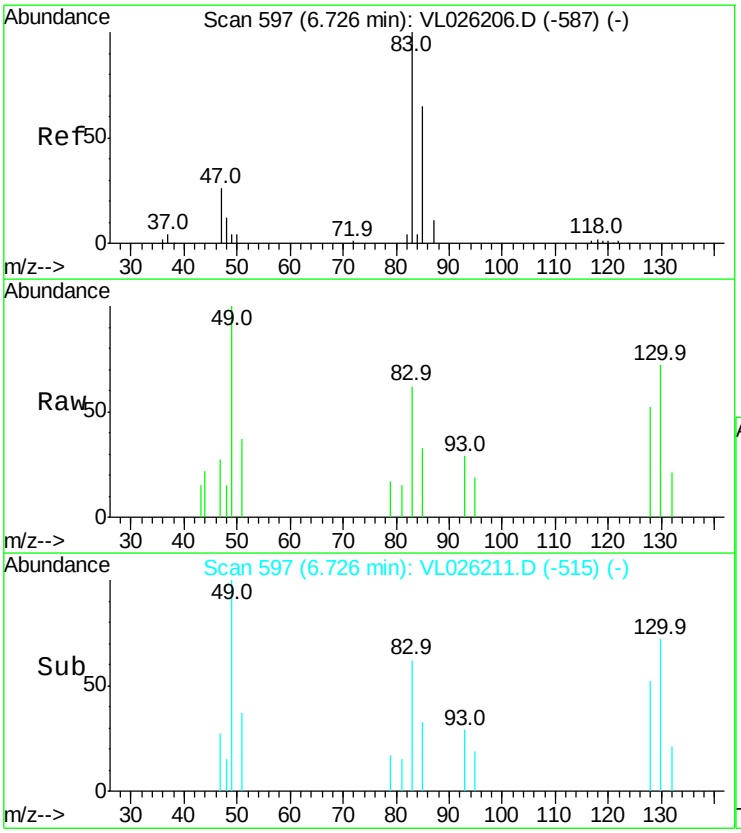
#28
Methyl tert-Butyl Ether
Concen: 0.04 ppbv
RT: 5.99 min Scan# 476
Delta R.T. 0.06 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Tgt Ion: 73 Resp: 4898

Ion	Ratio	Lower	Upper
73	100		
57	13.8	17.9	26.9#

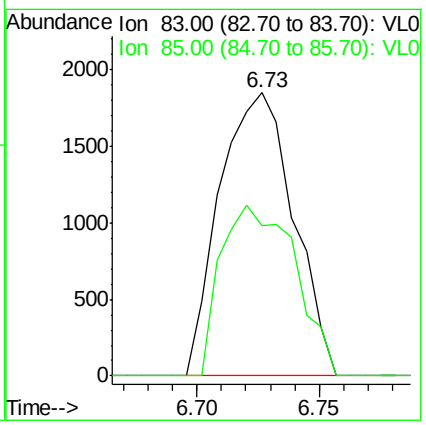


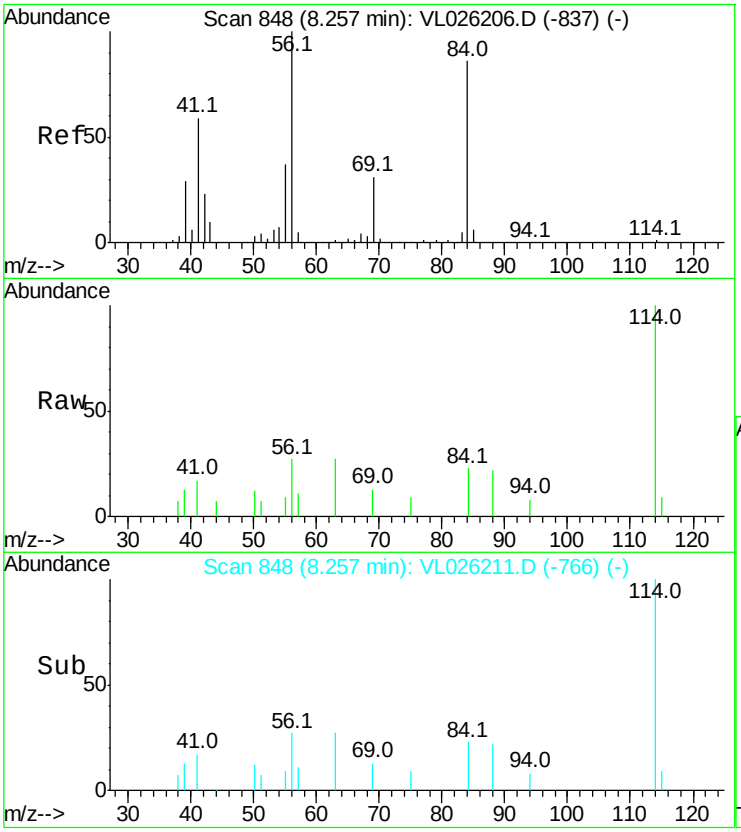


#29
Chloroform
Concen: 0.04 ppbv
RT: 6.73 min Scan# 597
Delta R.T. -0.00 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Tgt Ion: 83 Resp: 3875

Ion	Ratio	Lower	Upper
83	100		
85	53.3	51.8	77.6



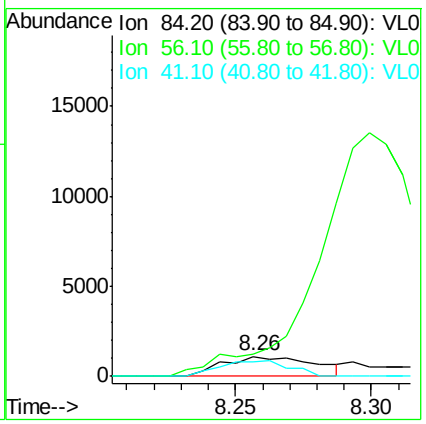


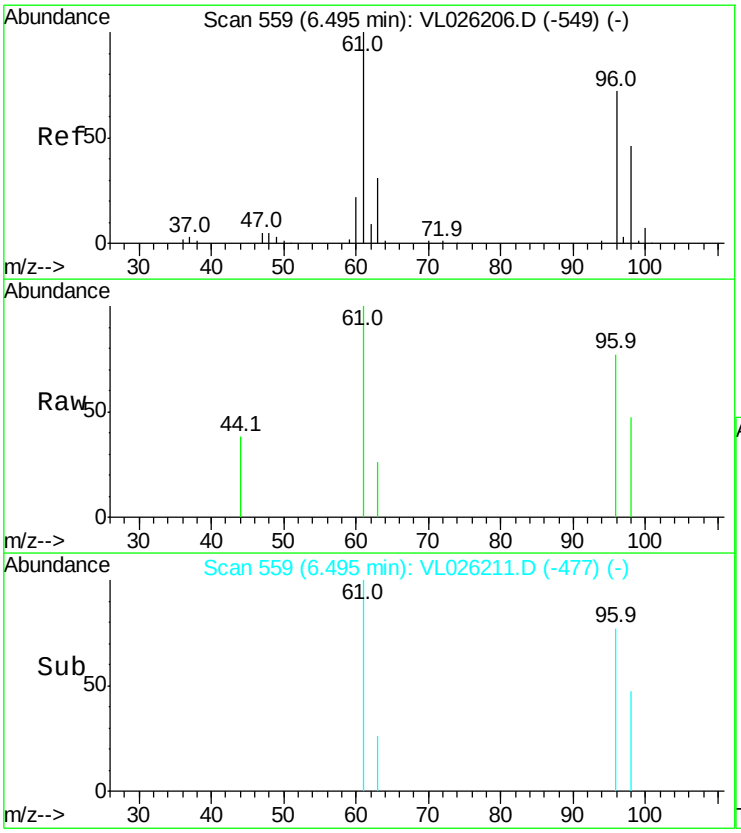
#30
Cyclohexane
Concen: 0.03 ppbv
RT: 8.26 min Scan# 848
Delta R.T. -0.00 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Tgt Ion: 84 Resp: 2611

Ion	Ratio	Lower	Upper
84	100		
56	0.0	97.5	146.3#
41	59.6	54.6	81.8

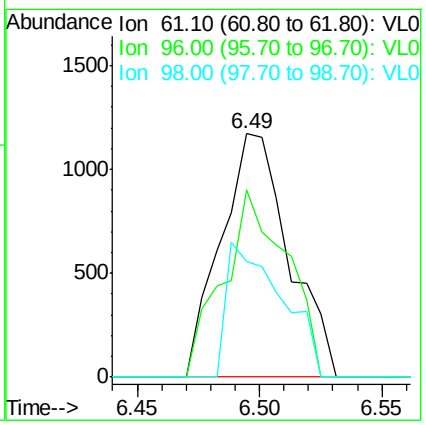


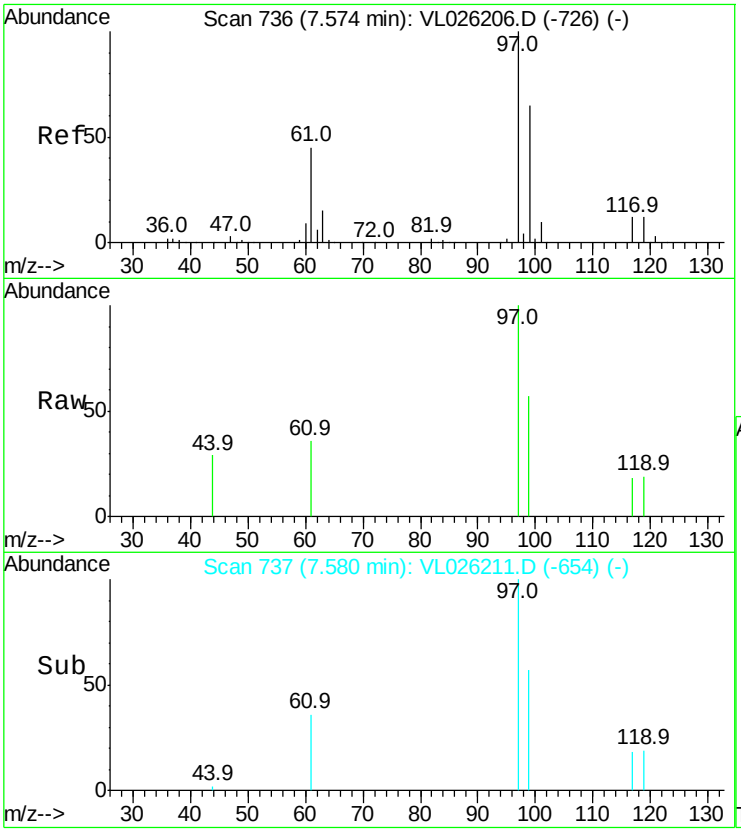


#31
cis-1,2-Dichloroethene
Concen: 0.03 ppbv
RT: 6.49 min Scan# 559
Delta R.T. -0.00 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Tgt Ion: 61 Resp: 2265

Ion	Ratio	Lower	Upper
61	100		
96	77.1	57.9	86.9
98	47.3	37.2	55.8



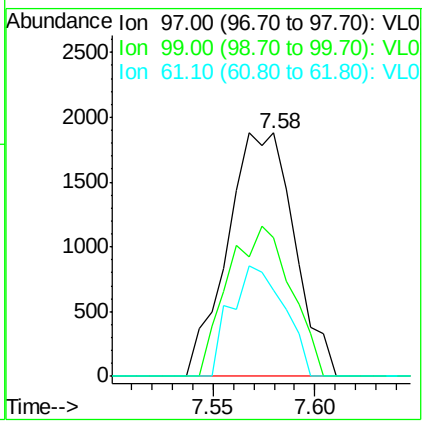


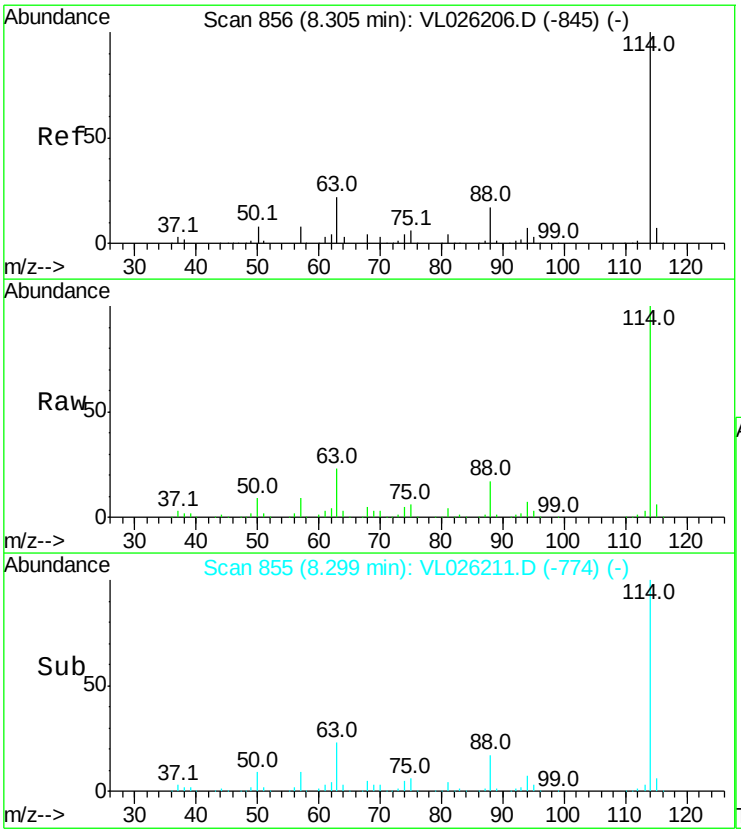
#32
1,1,1-Trichloroethane
Concen: 0.04 ppbv
RT: 7.58 min Scan# 737
Delta R.T. 0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 97 Resp: 4275

Ion	Ratio	Lower	Upper
97	100		
99	58.4	51.4	77.2
61	36.1	36.0	54.0

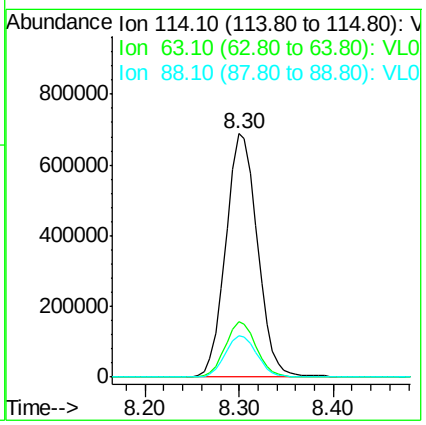


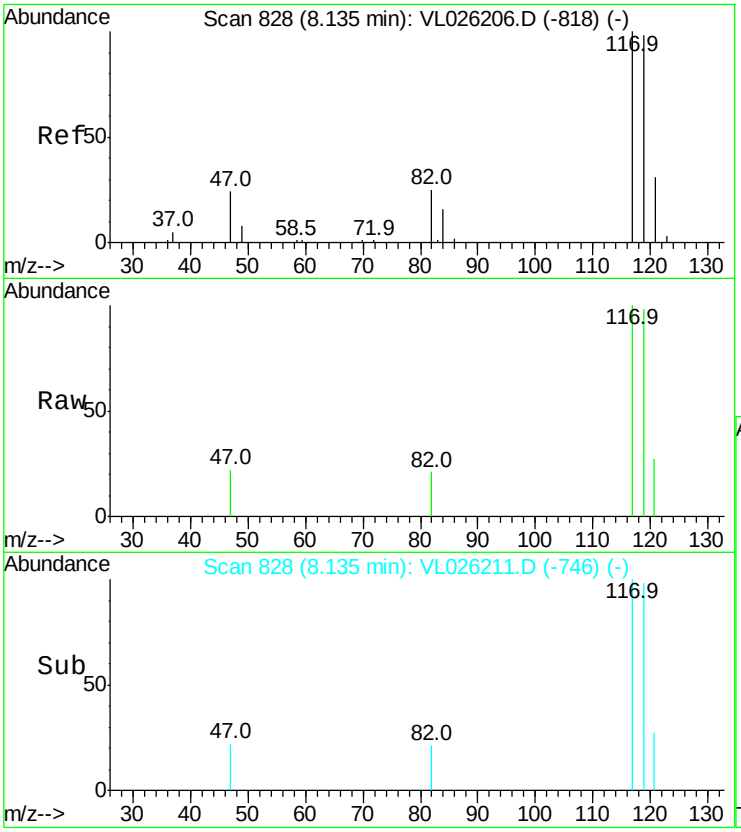


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.30 min Scan# 855
Delta R.T. -0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Tgt Ion:114 Resp: 1621680

Ion	Ratio	Lower	Upper
114	100		
63	22.4	17.9	26.9
88	16.9	13.6	20.4



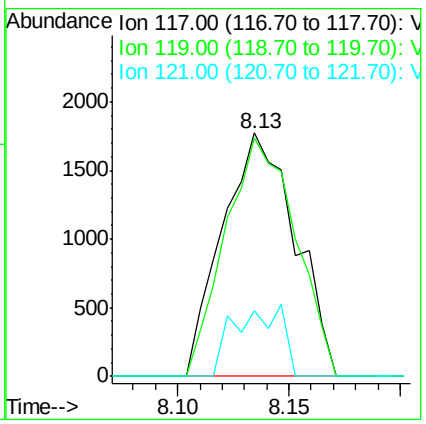


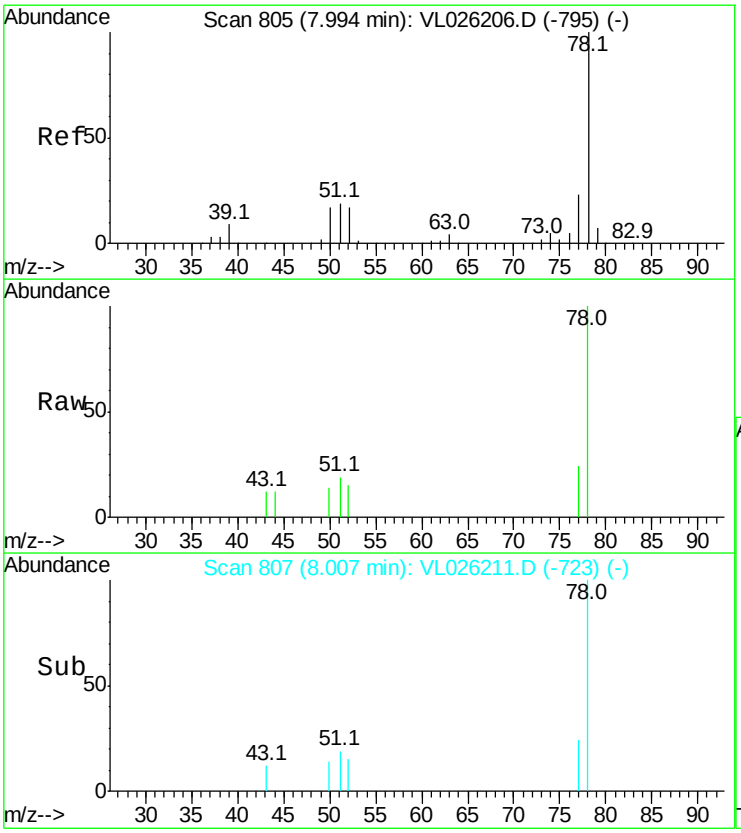
#35
Carbon Tetrachloride
Concen: 0.03 ppbv
RT: 8.13 min Scan# 828
Delta R.T. -0.00 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion:117 Resp: 4025

Ion	Ratio	Lower	Upper
117	100		
119	97.7	78.3	117.5
121	26.8	25.0	37.6

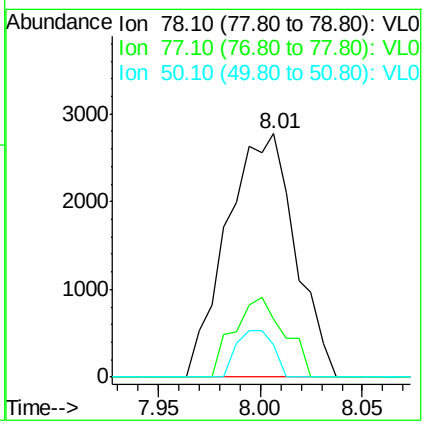


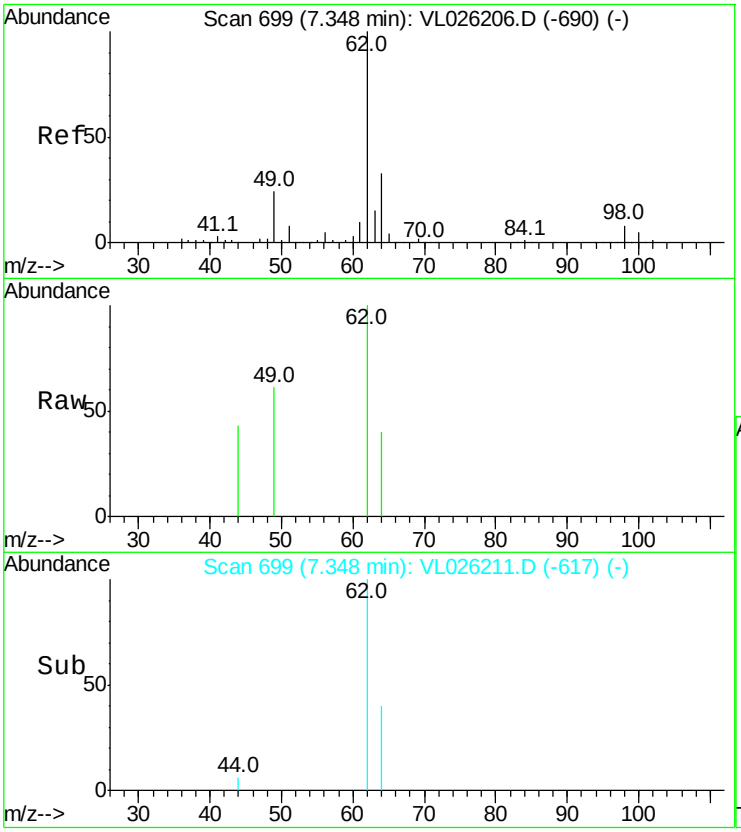


#36
Benzene
Concen: 0.04 ppbv
RT: 8.01 min Scan# 807
Delta R.T. 0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Tgt Ion: 78 Resp: 6425

Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.1	27.1
50	13.5	13.4	20.0



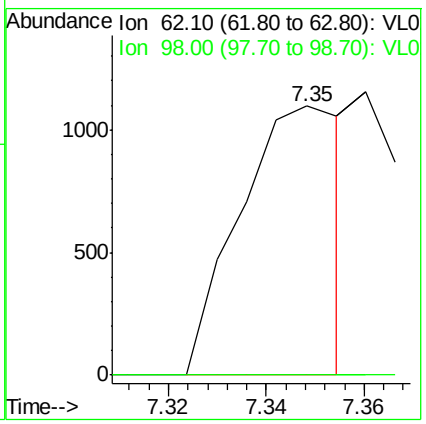


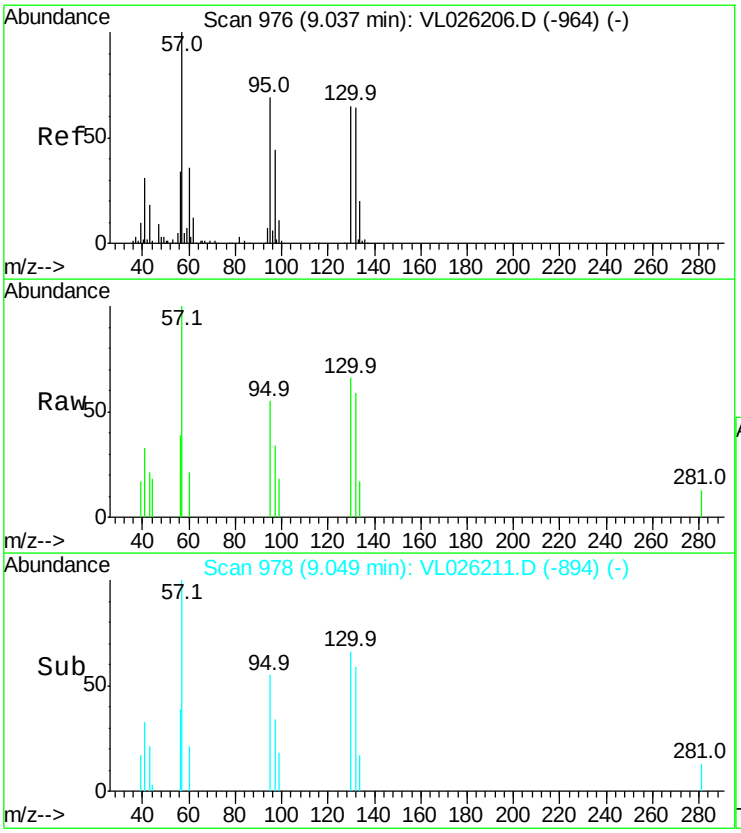
#37
1,2-Dichloroethane
Concen: 0.02 ppbv
RT: 7.35 min Scan# 699
Delta R.T. -0.00 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Tgt Ion: 62 Resp: 1598

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.2	9.4#

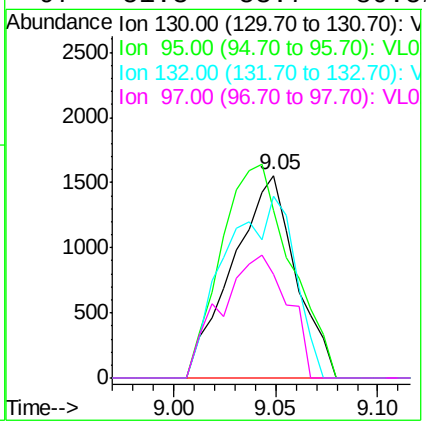


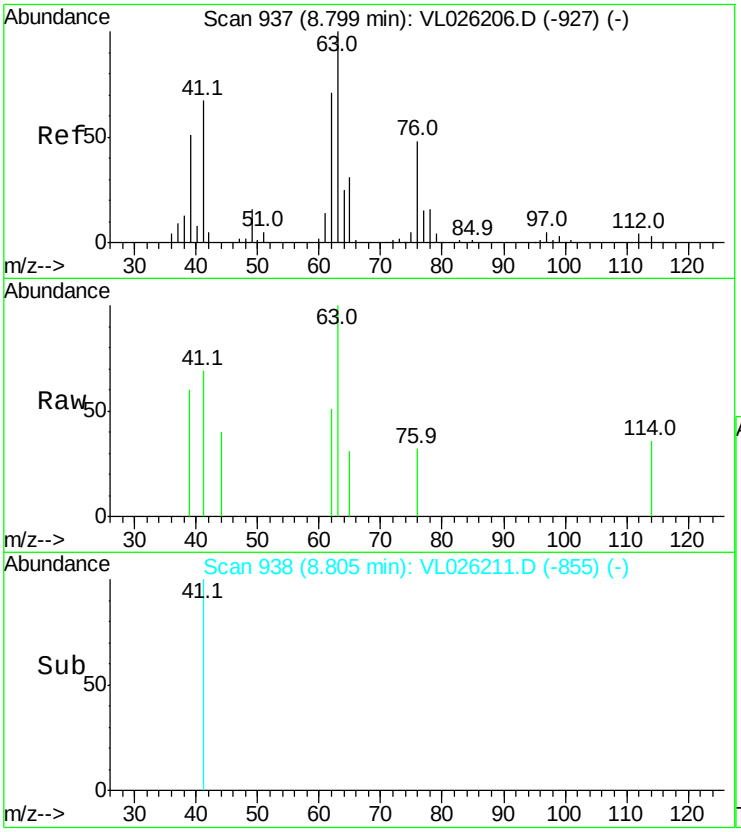


#38
Trichloroethene
Concen: 0.04 ppbv
RT: 9.05 min Scan# 978
Delta R.T. 0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Tgt Ion:130 Resp: 3343

Ion	Ratio	Lower	Upper
130	100		
95	82.8	84.2	126.2#
132	89.4	78.5	117.7
97	51.3	53.7	80.5#



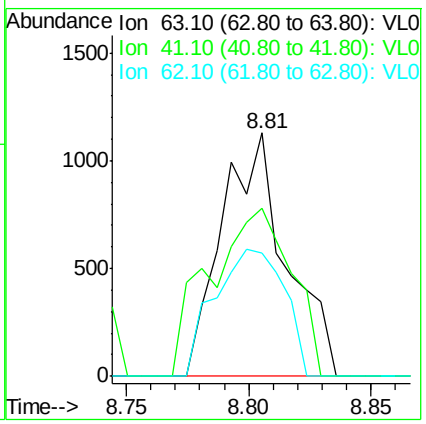


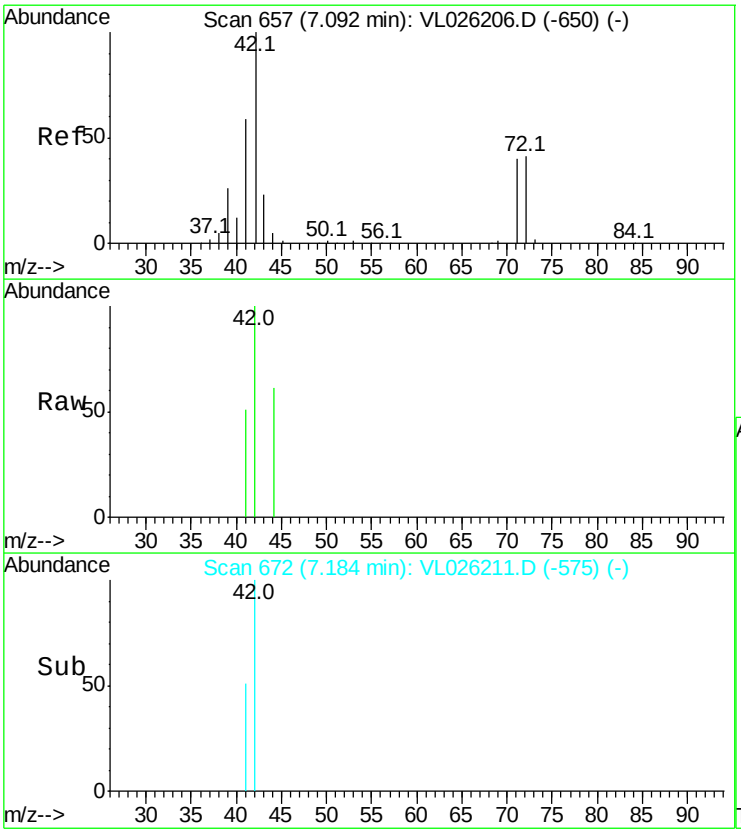
#39
1,2-Dichloropropane
Concen: 0.04 ppbv
RT: 8.81 min Scan# 938
Delta R.T. 0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 63 Resp: 2073

Ion	Ratio	Lower	Upper
63	100		
41	68.9	54.0	81.0
62	50.7	56.7	85.1#

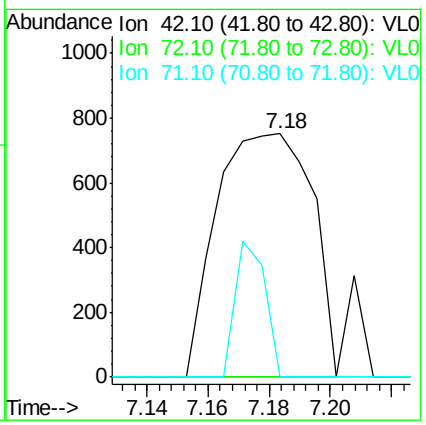


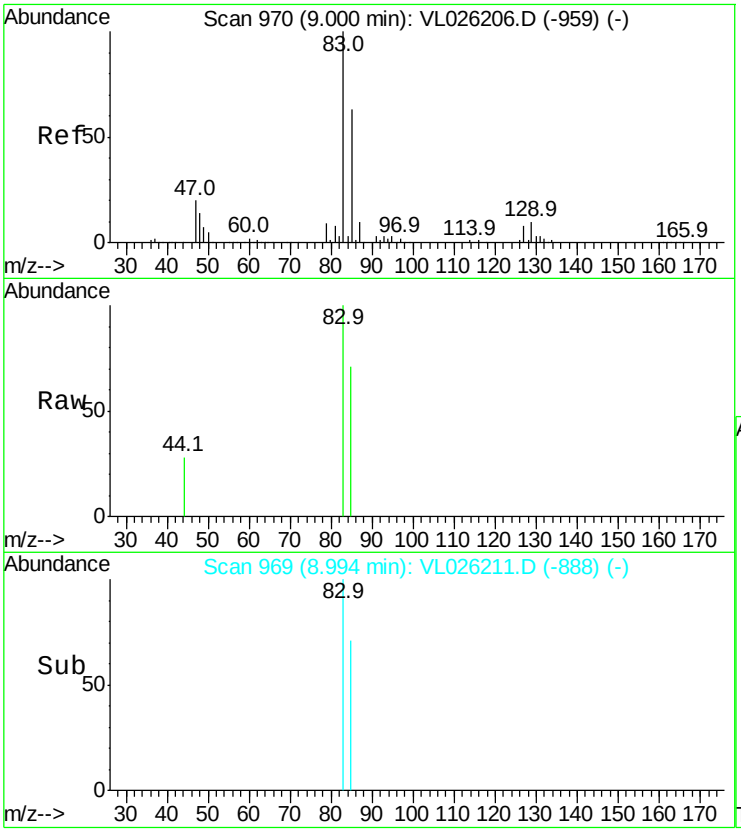


#41
Tetrahydrofuran
Concen: 0.03 ppbv
RT: 7.18 min Scan# 672
Delta R.T. 0.09 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Tgt Ion: 42 Resp: 1625

Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.8	50.6#
71	17.2	32.3	48.5#



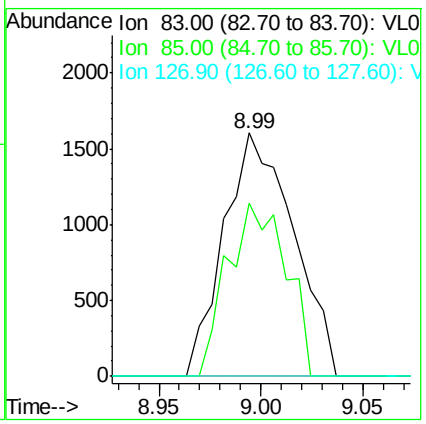


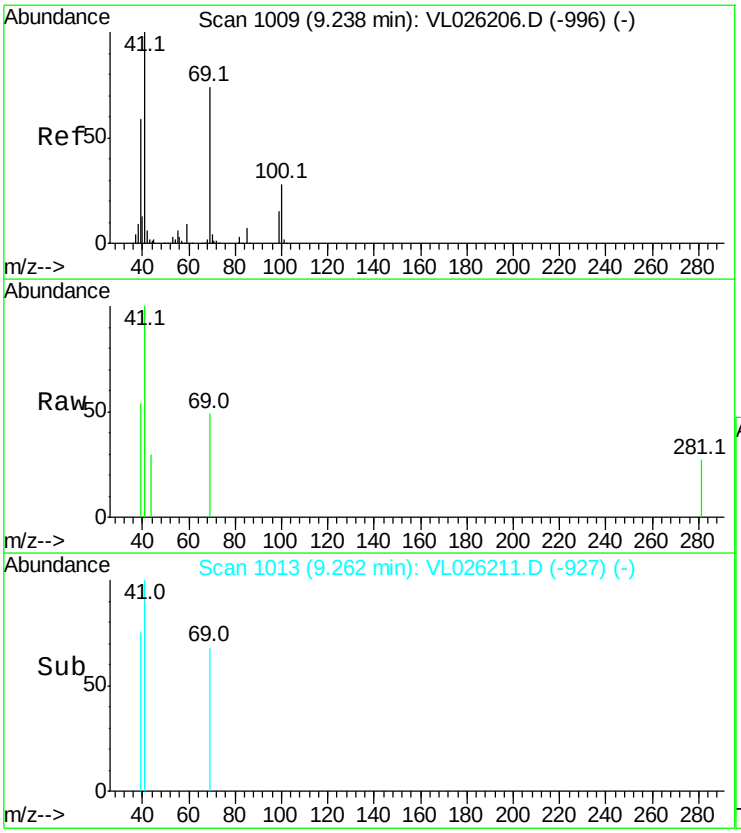
#42
Bromodichloromethane
Concen: 0.03 ppbv
RT: 8.99 min Scan# 969
Delta R.T. -0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Tgt Ion: 83 Resp: 3801

Ion	Ratio	Lower	Upper
83	100		
85	70.9	50.6	75.8
127	0.0	6.5	9.7#

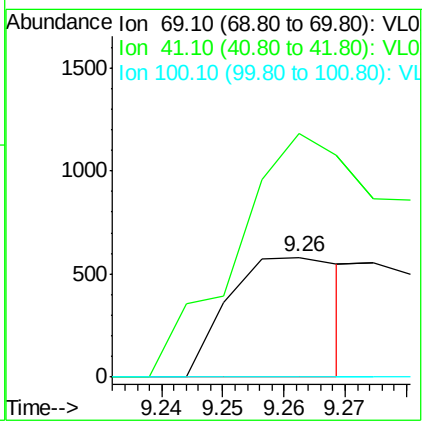


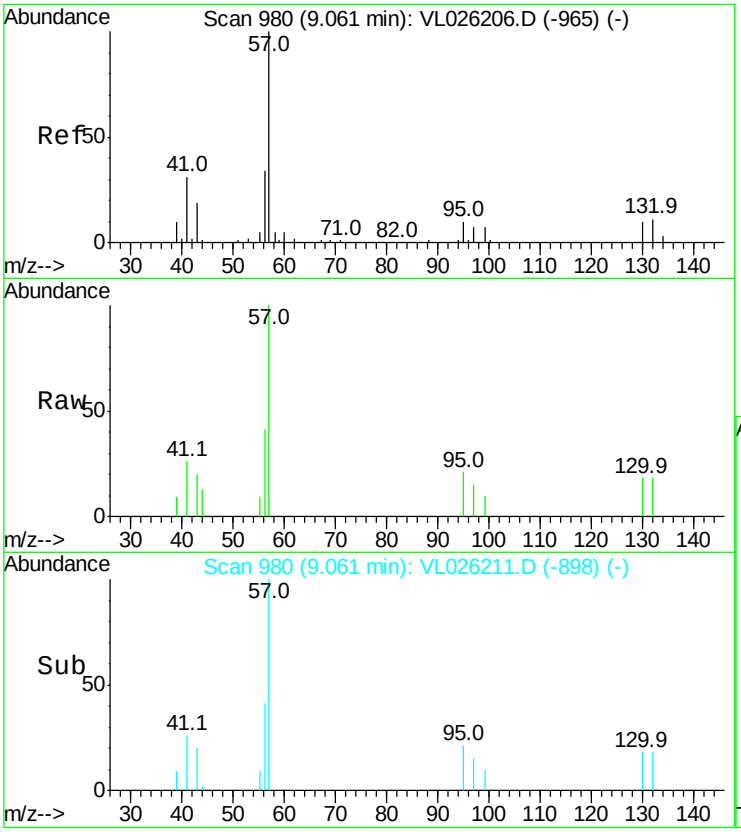


#43
Methyl Methacrylate
Concen: 0.01 ppbv
RT: 9.26 min Scan# 1013
Delta R.T. 0.02 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Tgt Ion: 69 Resp: 756

Ion	Ratio	Lower	Upper
69	100		
41	333.7	109.0	163.4#
100	0.0	31.0	46.6#



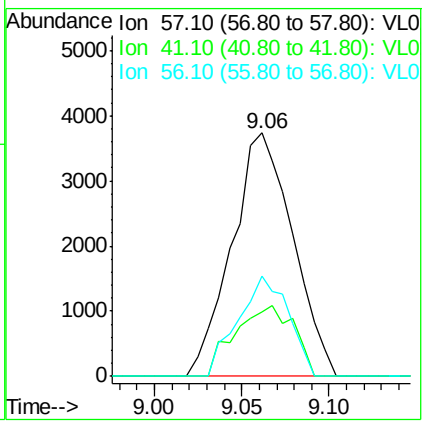


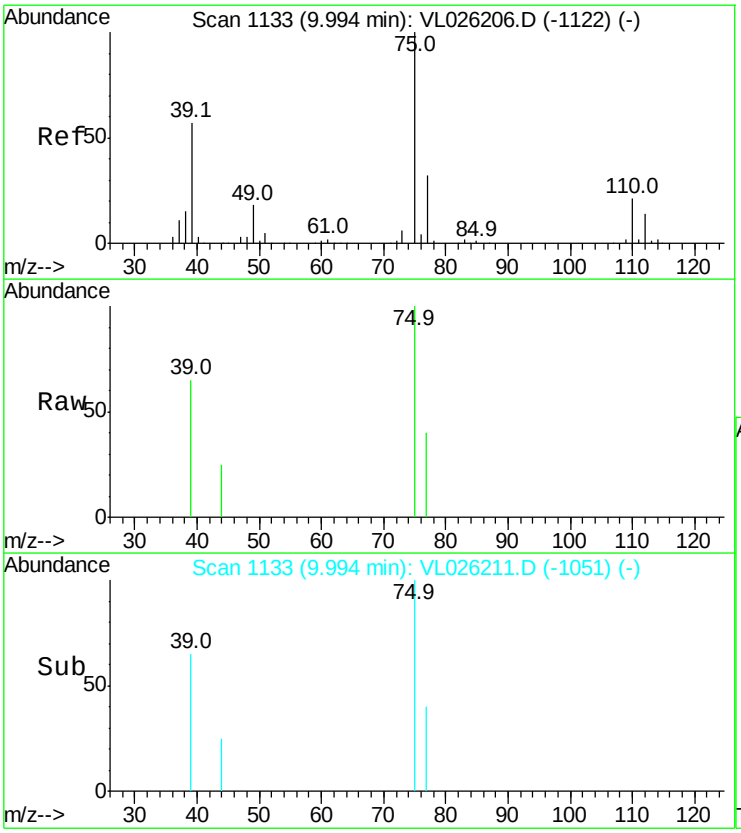
#44
2,2,4-Trimethylpentane
Concen: 0.03 ppbv
RT: 9.06 min Scan# 980
Delta R.T. -0.00 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Tgt Ion: 57 Resp: 9088

Ion	Ratio	Lower	Upper
57	100		
41	27.9	24.0	36.0
56	34.3	26.6	39.8

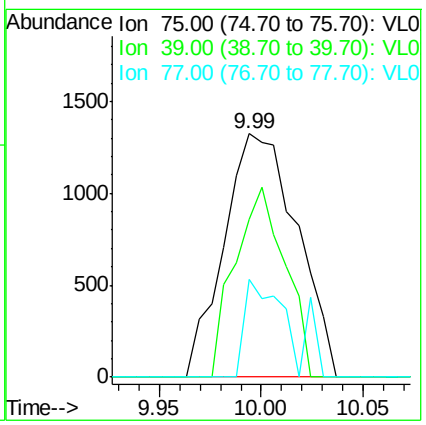


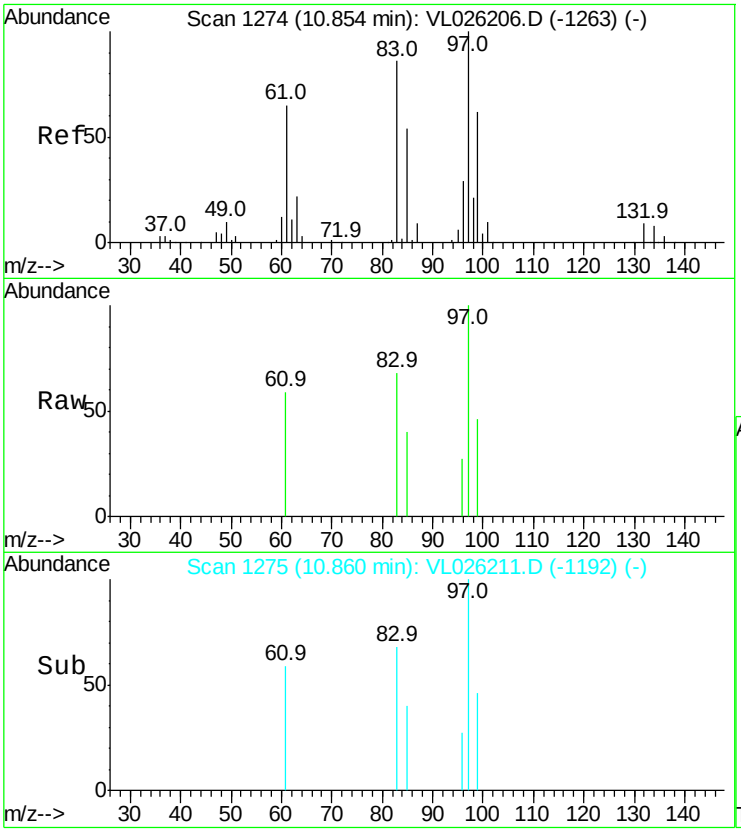


#46
cis-1,3-Dichloropropene
Concen: 0.03 ppbv
RT: 9.99 min Scan# 1133
Delta R.T. -0.00 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Tgt Ion: 75 Resp: 3287

Ion	Ratio	Lower	Upper
75	100		
39	64.7	45.3	67.9
77	40.0	25.3	37.9#



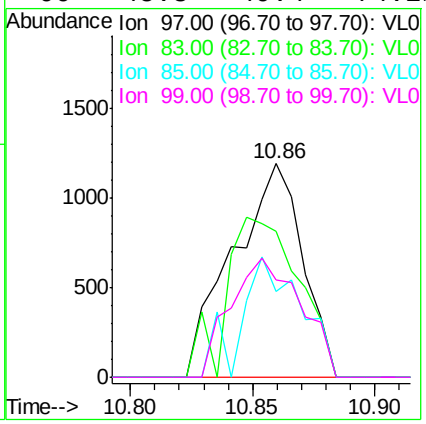


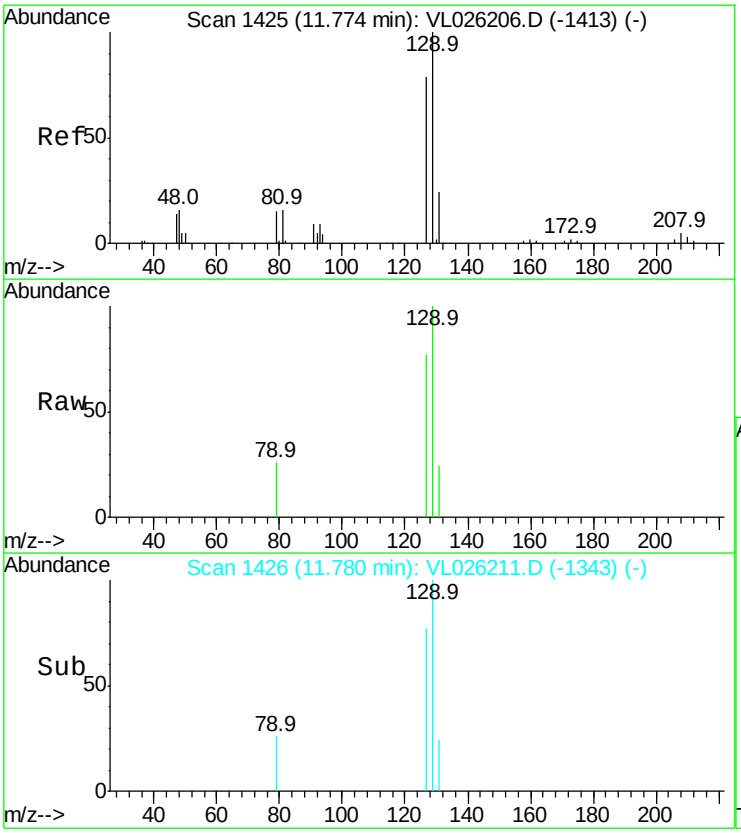
#47
1,1,2-Trichloroethane
Concen: 0.03 ppbv
RT: 10.86 min Scan# 1275
Delta R.T. 0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 97 Resp: 2373

Ion	Ratio	Lower	Upper
97	100		
83	68.1	68.6	103.0#
85	40.0	43.5	65.3#
99	45.8	49.4	74.2#

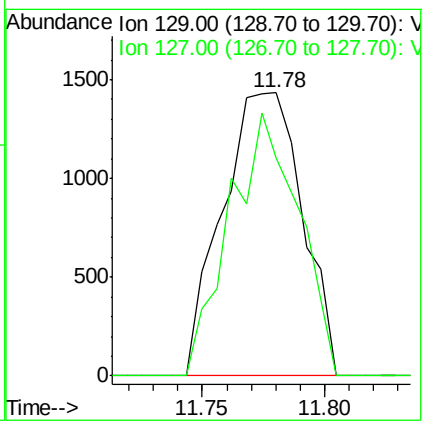


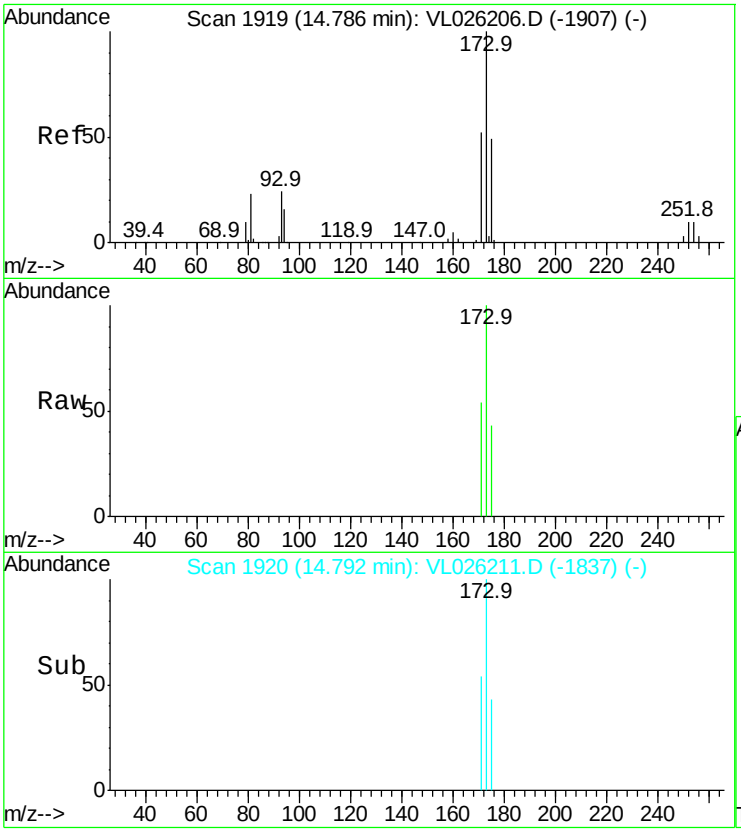


#48
Dibromochloromethane
Concen: 0.03 ppbv
RT: 11.78 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Tgt Ion:129 Resp: 3250

Ion	Ratio	Lower	Upper
129	100		
127	80.6	39.2	117.6



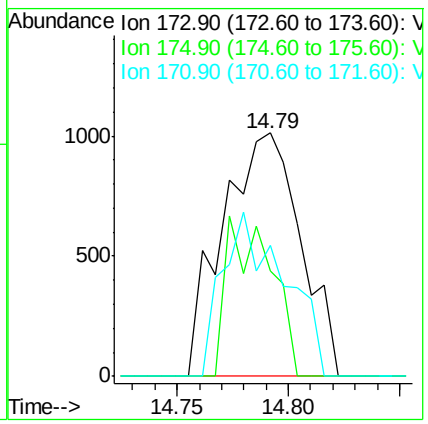


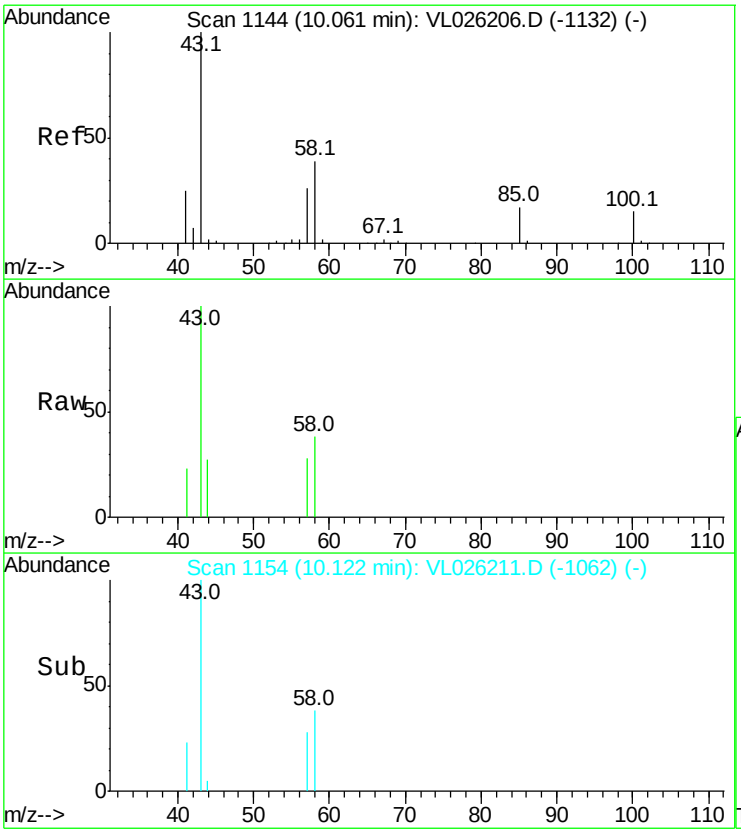
#49
Bromoform
Concen: 0.03 ppbv
RT: 14.79 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Tgt Ion:173 Resp: 2471

Ion	Ratio	Lower	Upper
173	100		
175	37.8	38.7	58.1#
171	53.4	41.4	62.0

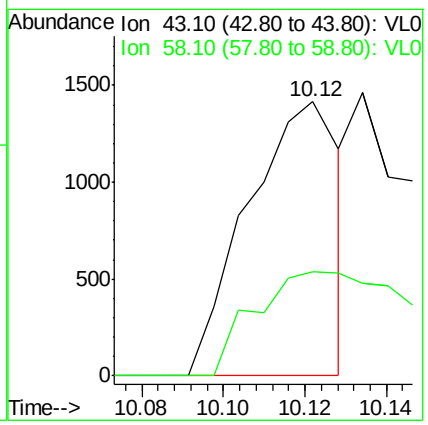


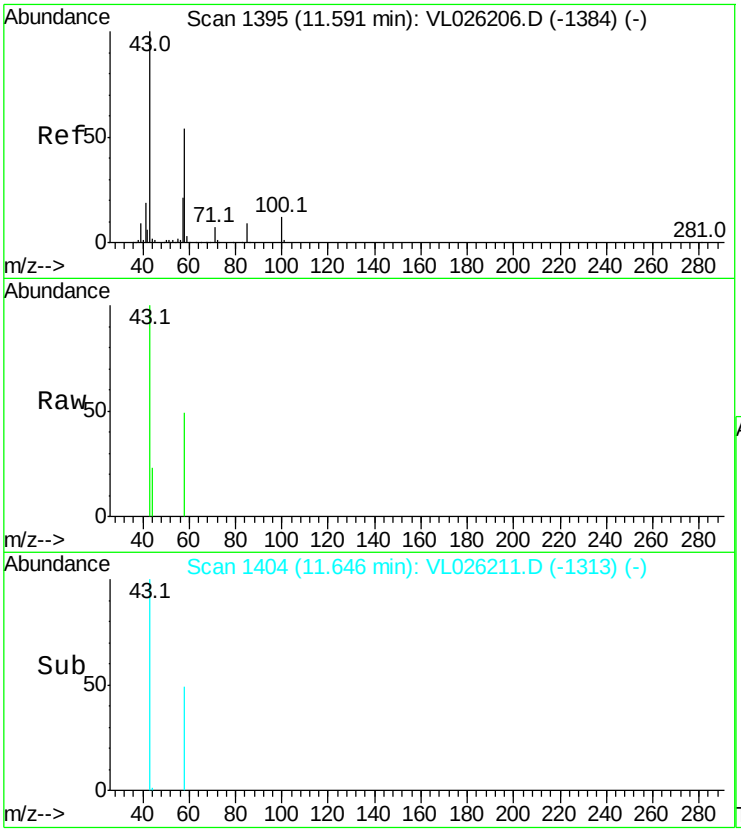


#50
4-Methyl-2-Pentanone
Concen: 0.02 ppbv
RT: 10.12 min Scan# 1154
Delta R.T. 0.06 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Tgt Ion: 43 Resp: 2227

Ion	Ratio	Lower	Upper
43	100		
58	64.6	31.3	46.9#



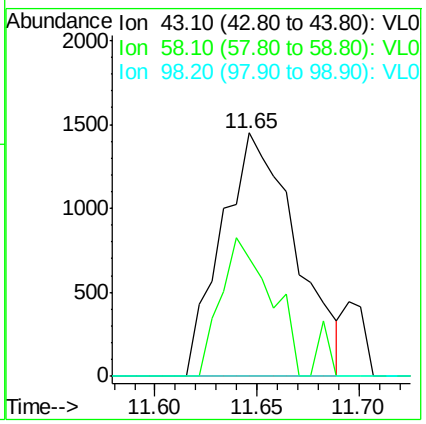


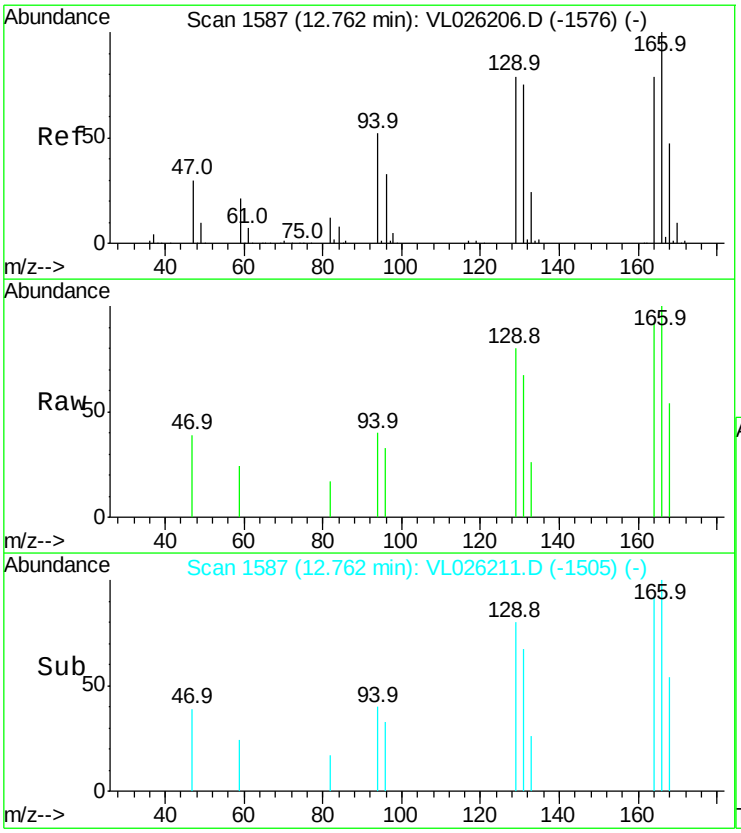
#51
2-Hexanone
Concen: 0.03 ppbv
RT: 11.65 min Scan# 1404
Delta R.T. 0.05 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 43 Resp: 3662

Ion	Ratio	Lower	Upper
43	100		
58	41.8	43.9	65.9#
98	0.0	0.1	0.1#

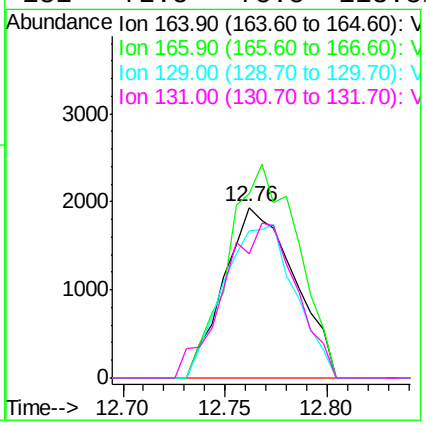


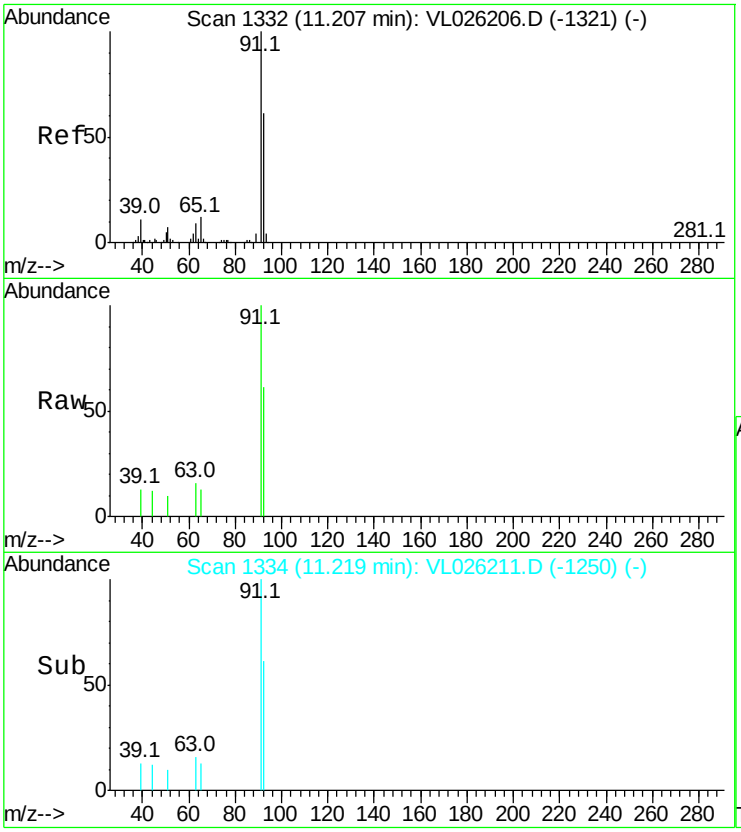


#52
Tetrachloroethene
Concen: 0.05 ppbv
RT: 12.76 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Tgt Ion:164 Resp: 4662

Ion	Ratio	Lower	Upper
164	100		
166	108.4	100.9	151.3
129	86.4	79.7	119.5
131	72.5	75.5	113.3#



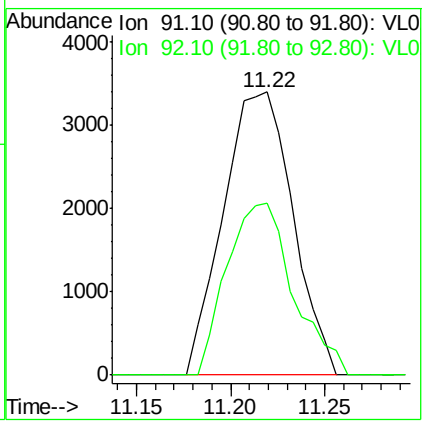


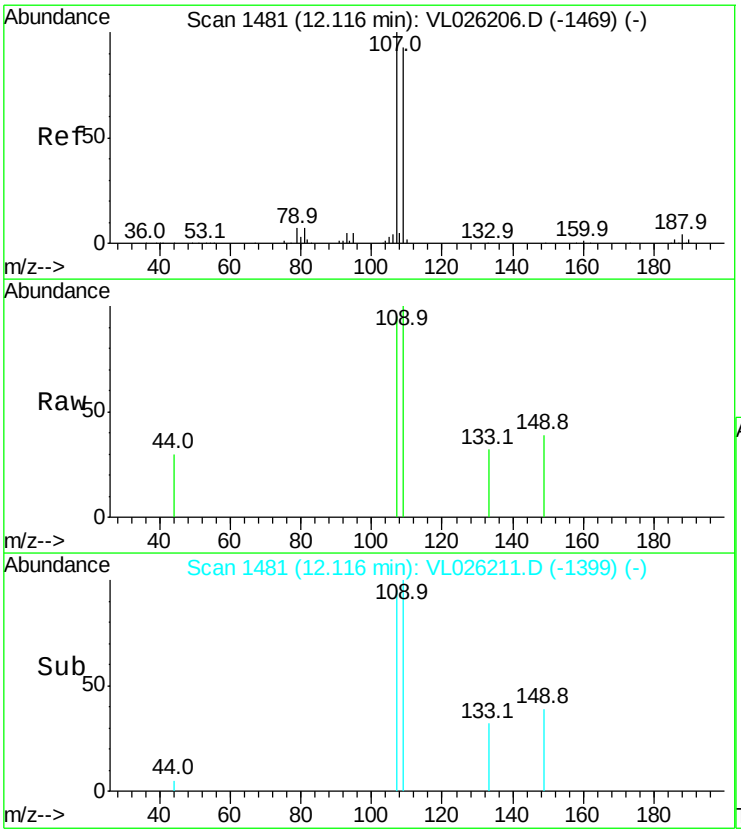
#53
Toluene
Concen: 0.04 ppbv
RT: 11.22 min Scan# 1334
Delta R.T. 0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 91 Resp: 8695

Ion	Ratio	Lower	Upper
91	100		
92	58.2	49.0	73.6

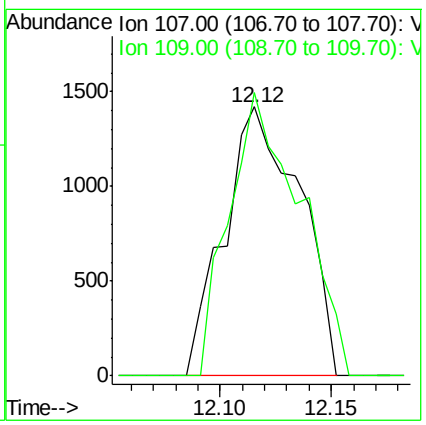


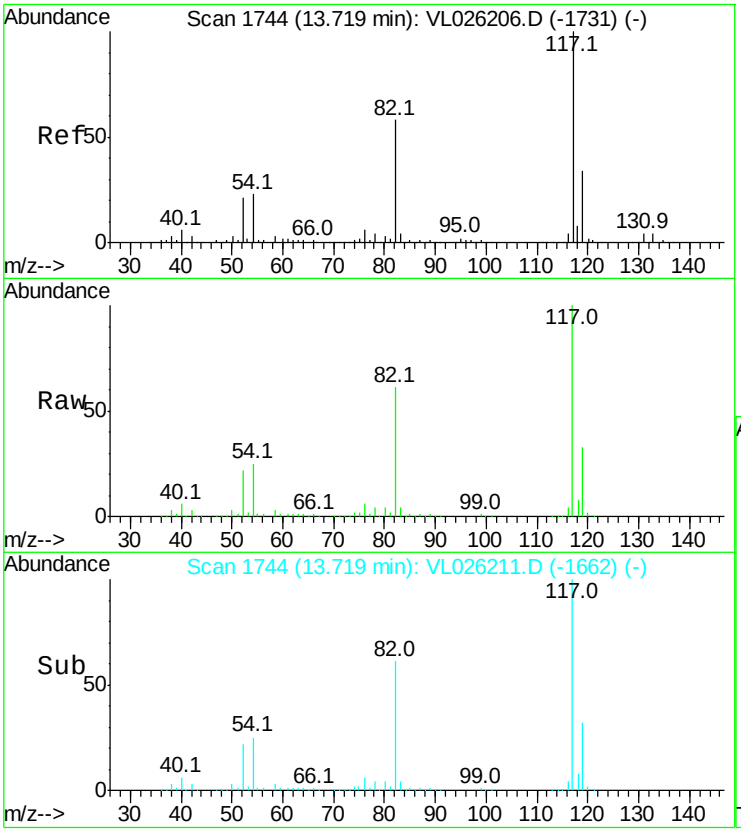


#54
1,2-Dibromoethane
Concen: 0.03 ppbv
RT: 12.12 min Scan# 1481
Delta R.T. -0.00 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Tgt Ion:107 Resp: 3367

Ion	Ratio	Lower	Upper
107	100		
109	105.2	74.6	112.0



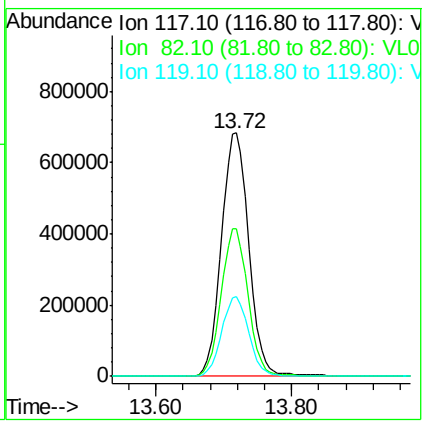


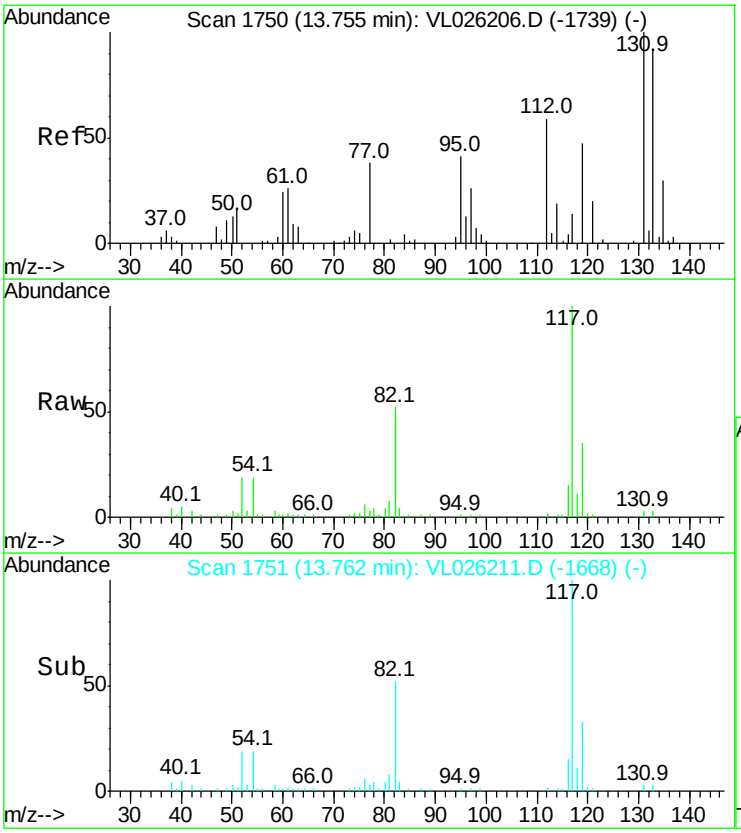
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.72 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion:117 Resp: 1909457

Ion	Ratio	Lower	Upper
117	100		
82	0.0	46.3	69.5#
119	32.7	45.0	67.4#

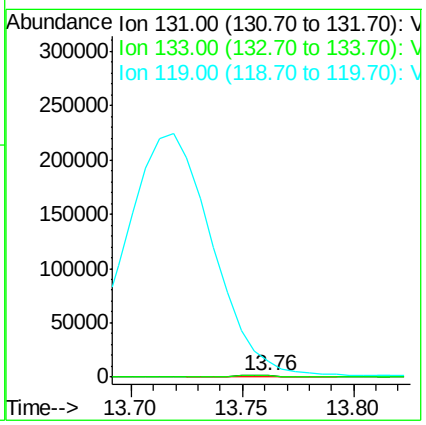


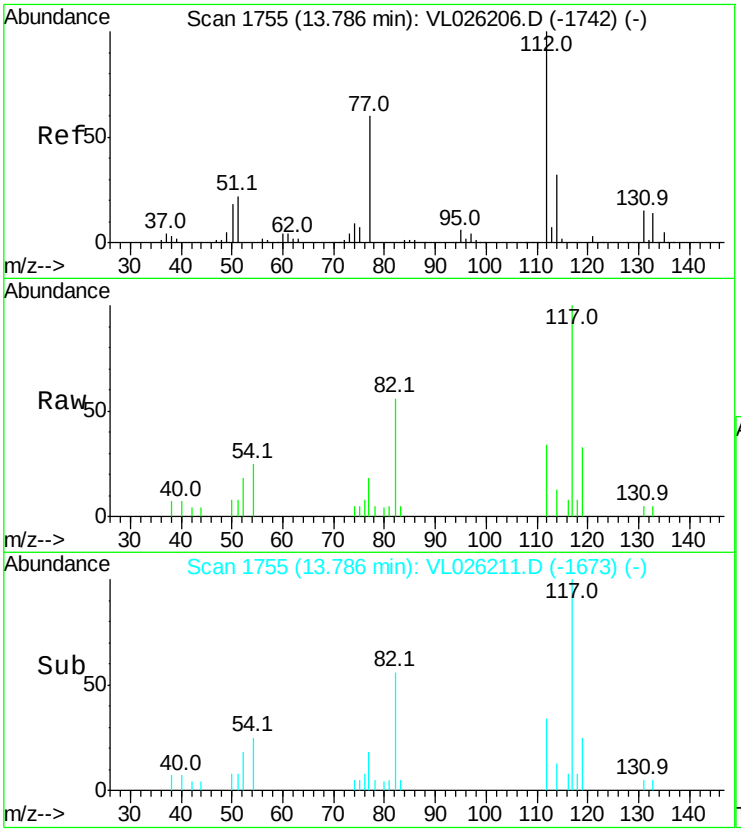


#56
1,1,1,2-Tetrachloroethane
Concen: 0.04 ppbv
RT: 13.76 min Scan# 1751
Delta R.T. 0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Tgt Ion:131 Resp: 3009

Ion	Ratio	Lower	Upper
131	100		
133	89.3	76.1	114.1
119	20606.5	109.4	164.2#



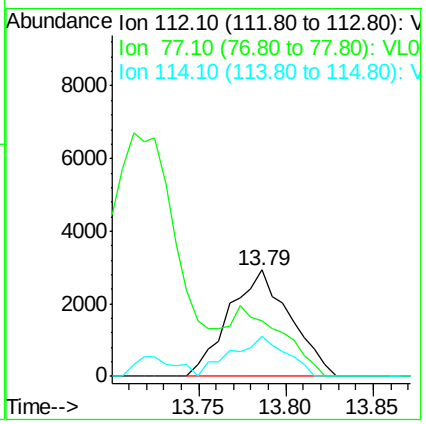


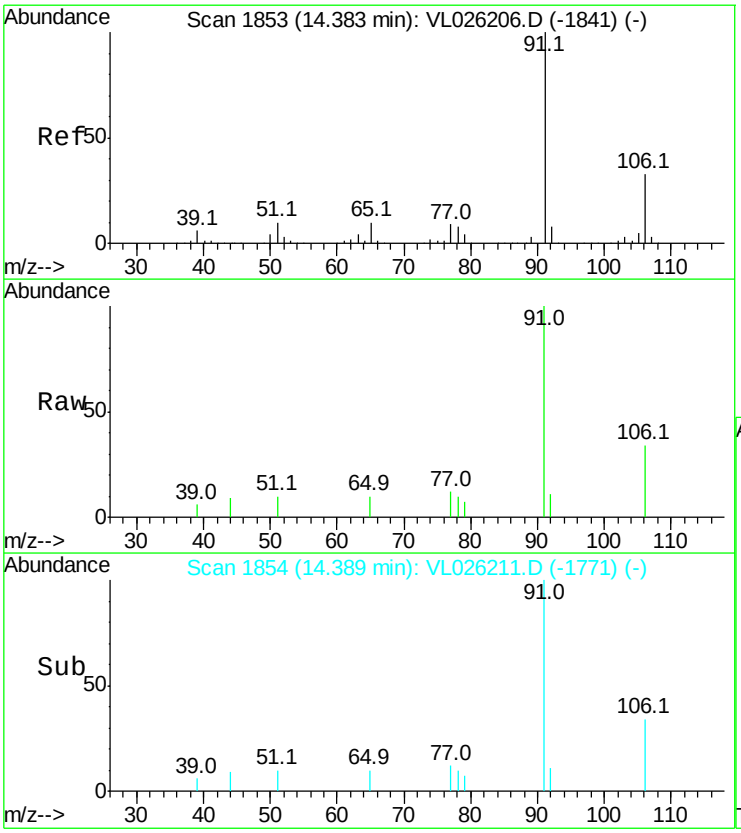
#57
Chlorobenzene
Concen: 0.04 ppbv
RT: 13.79 min Scan# 1755
Delta R.T. -0.00 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Tgt Ion:112 Resp: 7139

Ion	Ratio	Lower	Upper
112	100		
77	51.8	48.2	72.4
114	37.7	29.0	35.4#

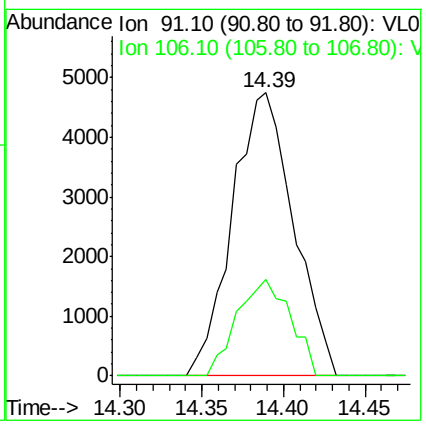


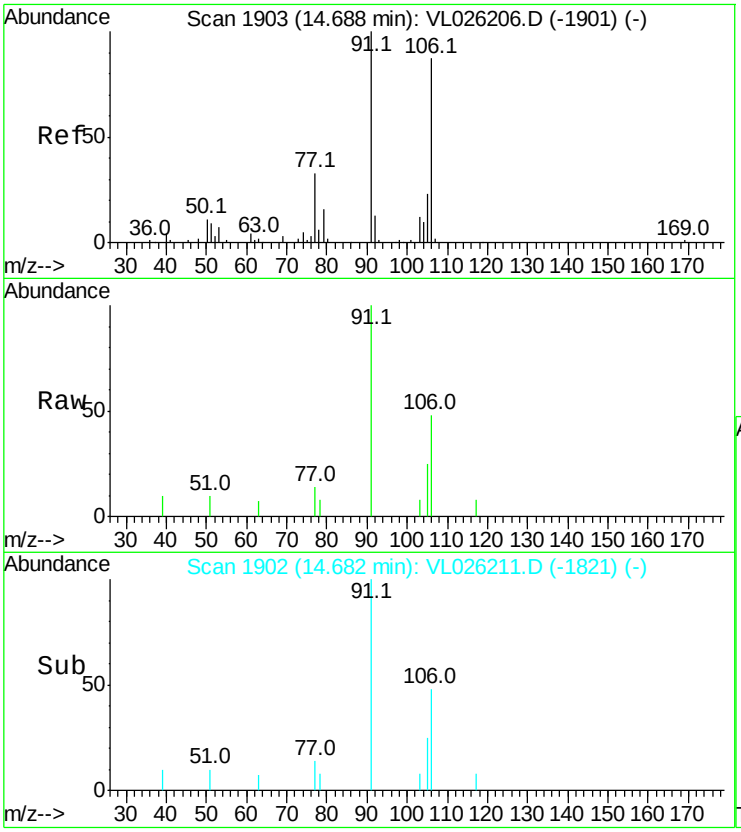


#58
Ethyl Benzene
Concen: 0.04 ppbv
RT: 14.39 min Scan# 1854
Delta R.T. 0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Tgt Ion: 91 Resp: 12432

Ion	Ratio	Lower	Upper
91	100		
106	34.1	26.2	39.2



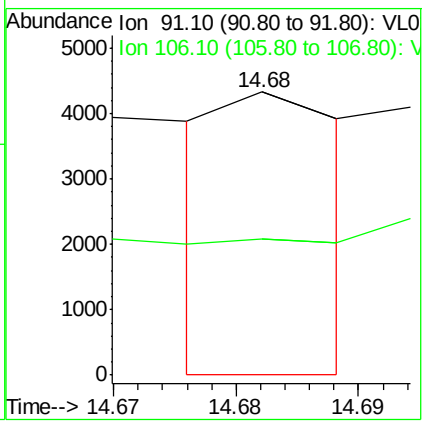


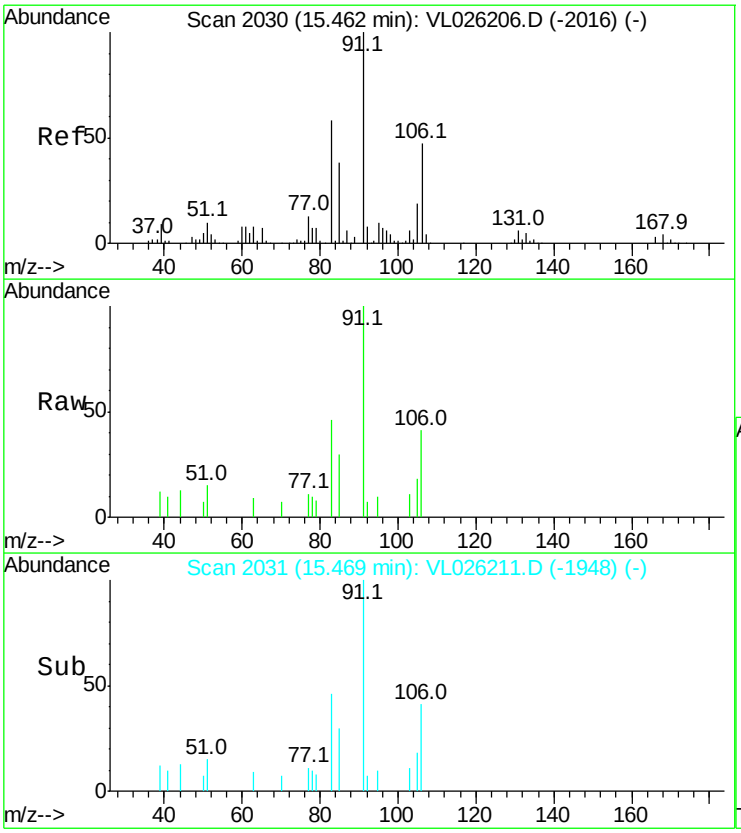
#59
m/p-Xylene
Concen: 0.01 ppbv
RT: 14.68 min Scan# 1902
Delta R.T. -0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 91 Resp: 3012

Ion	Ratio	Lower	Upper
91	100		
106	0.0	40.6	60.8#

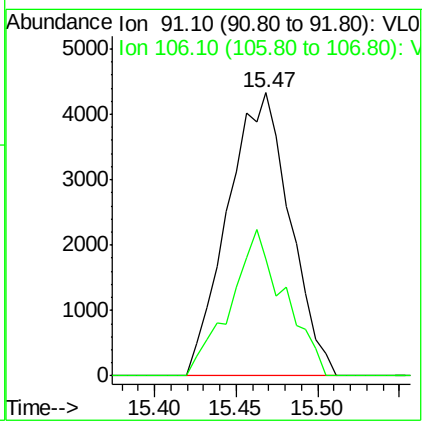


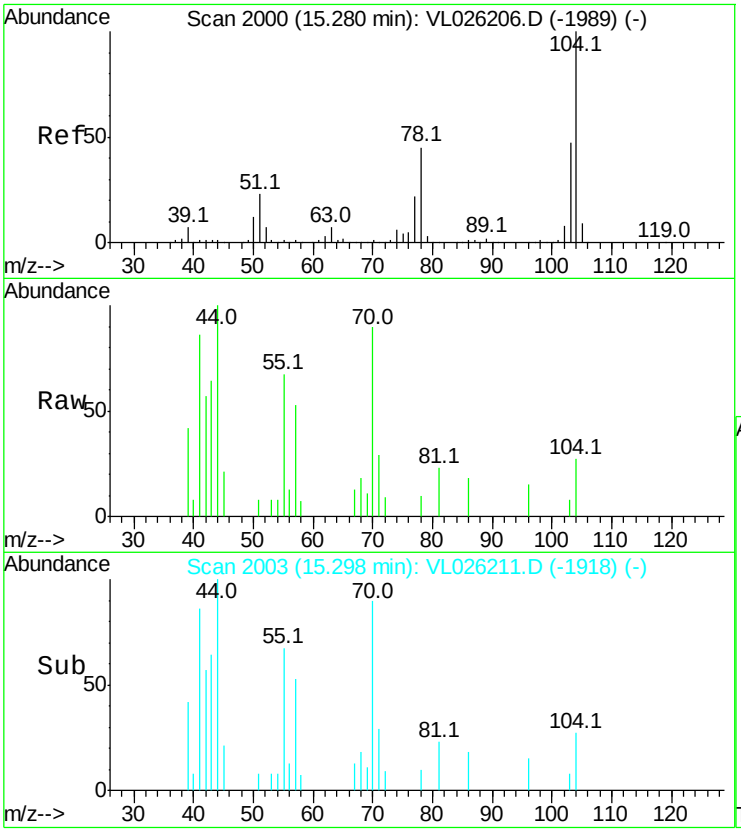


#60
o-Xylene
Concen: 0.05 ppbv
RT: 15.47 min Scan# 2031
Delta R.T. 0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Tgt Ion: 91 Resp: 11531

Ion	Ratio	Lower	Upper
91	100		
106	44.9	23.6	71.0



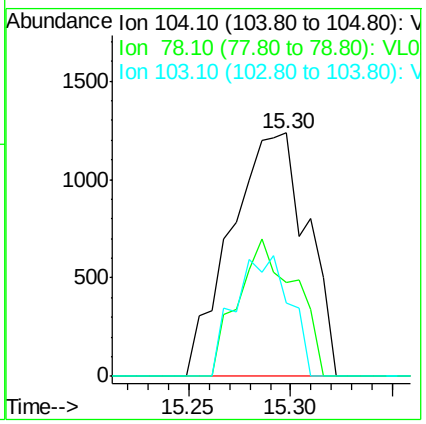


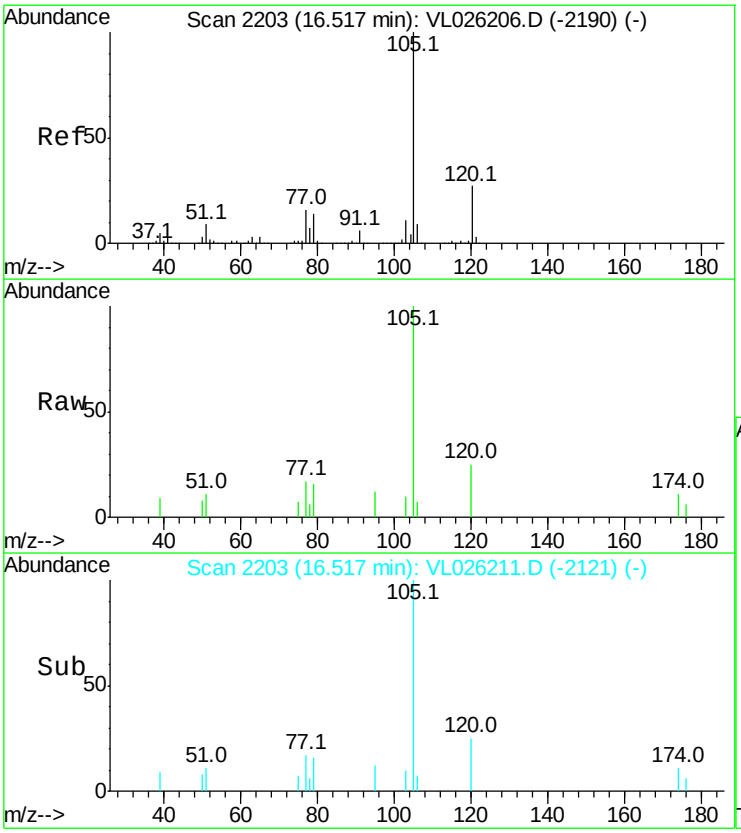
#61
Styrene
Concen: 0.03 ppbv
RT: 15.30 min Scan# 2003
Delta R.T. 0.02 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Tgt Ion:104 Resp: 3216

Ion	Ratio	Lower	Upper
104	100		
78	42.5	35.6	53.4
103	35.5	37.1	55.7#

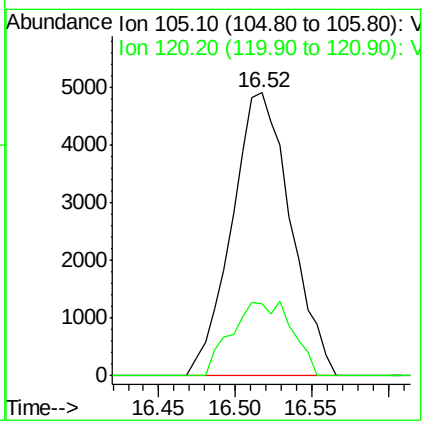


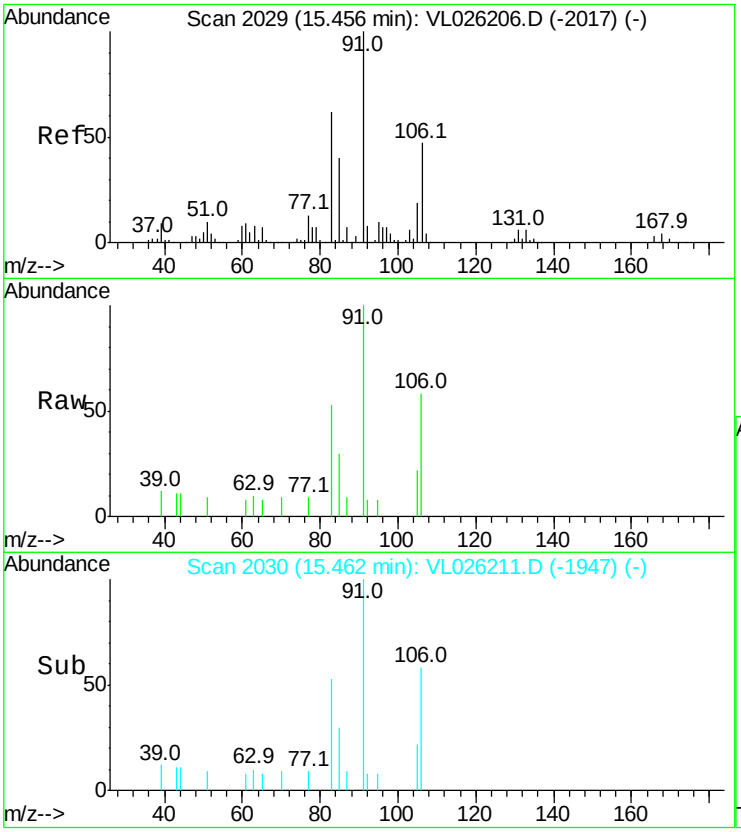


#62
Isopropylbenzene
Concen: 0.04 ppbv
RT: 16.52 min Scan# 2203
Delta R.T. -0.00 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Tgt Ion:105 Resp: 13122

Ion	Ratio	Lower	Upper
105	100		
120	26.8	21.8	32.6



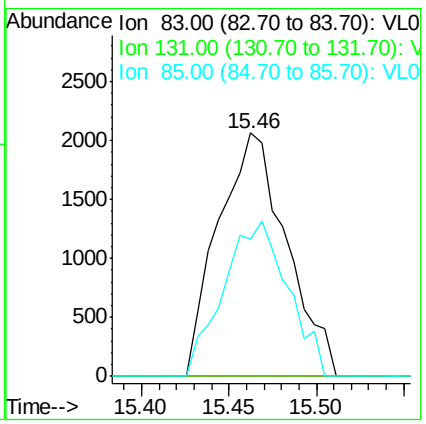


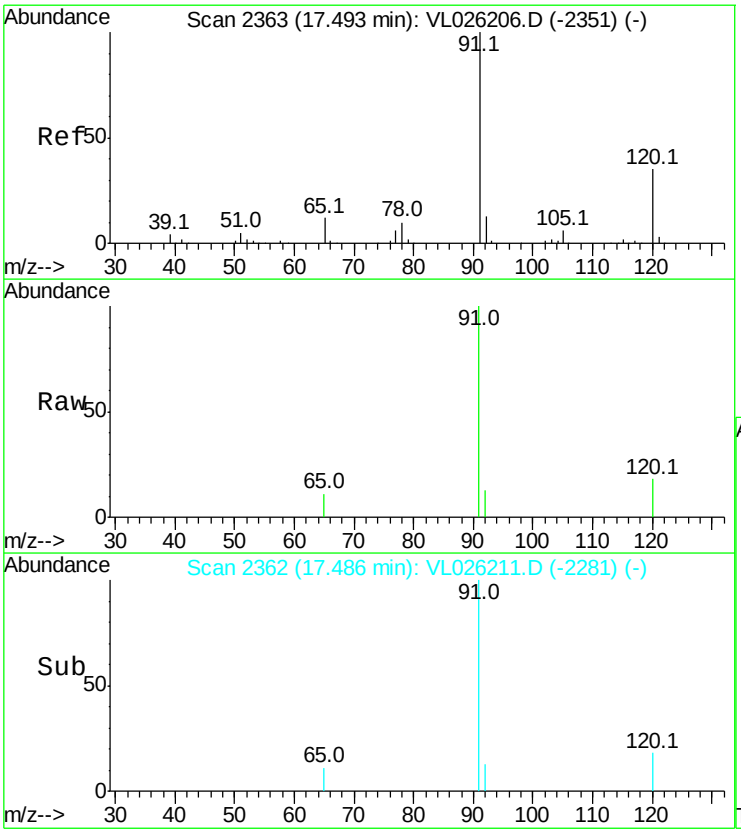
#63
1,1,2,2-Tetrachloroethane
Concen: 0.03 ppbv
RT: 15.46 min Scan# 2030
Delta R.T. 0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Tgt Ion: 83 Resp: 5601

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.9	14.7#
85	60.4	32.3	96.8

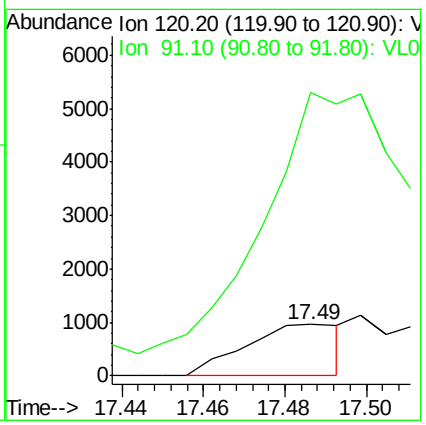


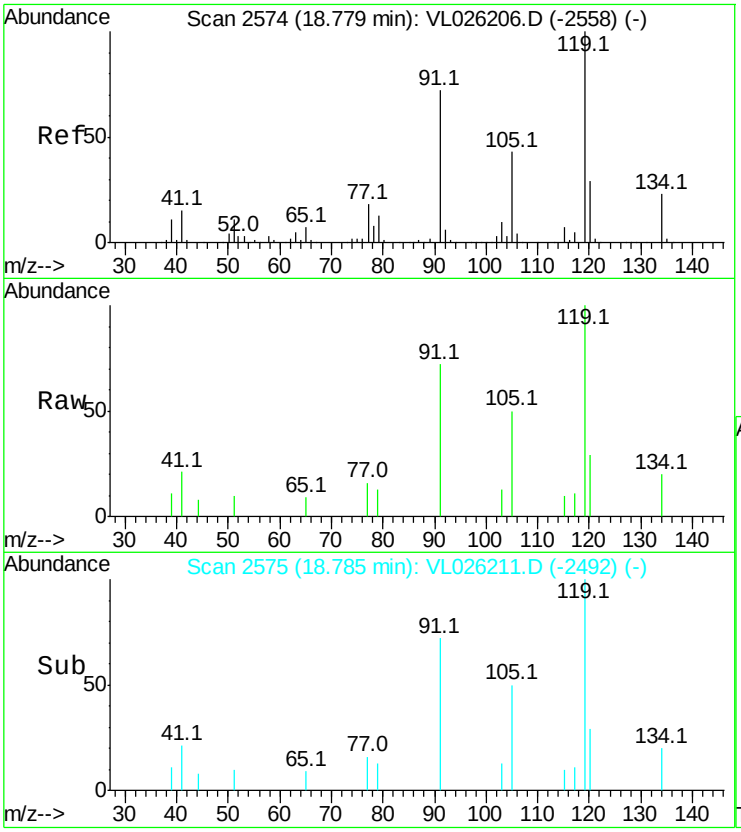


#64
n-propylbenzene
Concen: 0.02 ppbv
RT: 17.49 min Scan# 2362
Delta R.T. -0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Tgt Ion:120 Resp: 1578

Ion	Ratio	Lower	Upper
120	100		
91	962.2	332.1	498.1#



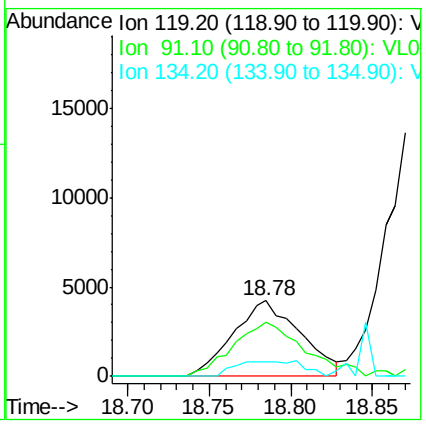


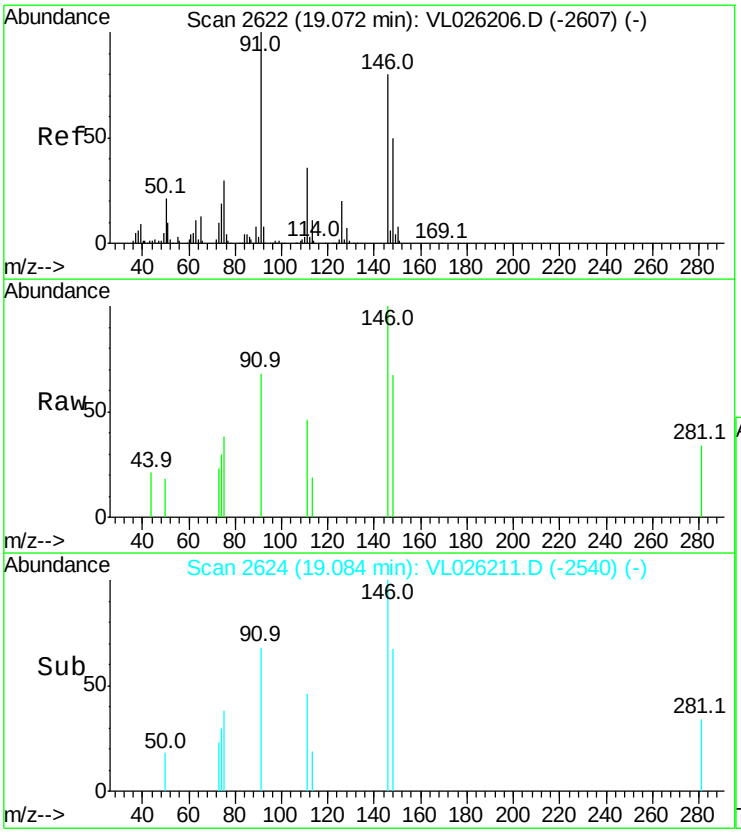
#65
tert-Butylbenzene
Concen: 0.04 ppbv
RT: 18.78 min Scan# 2575
Delta R.T. 0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Tgt Ion:119 Resp: 12172

Ion	Ratio	Lower	Upper
119	100		
91	75.6	57.6	86.4
134	0.0	17.8	26.6#

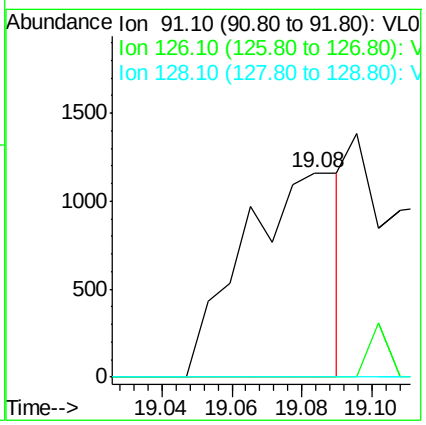


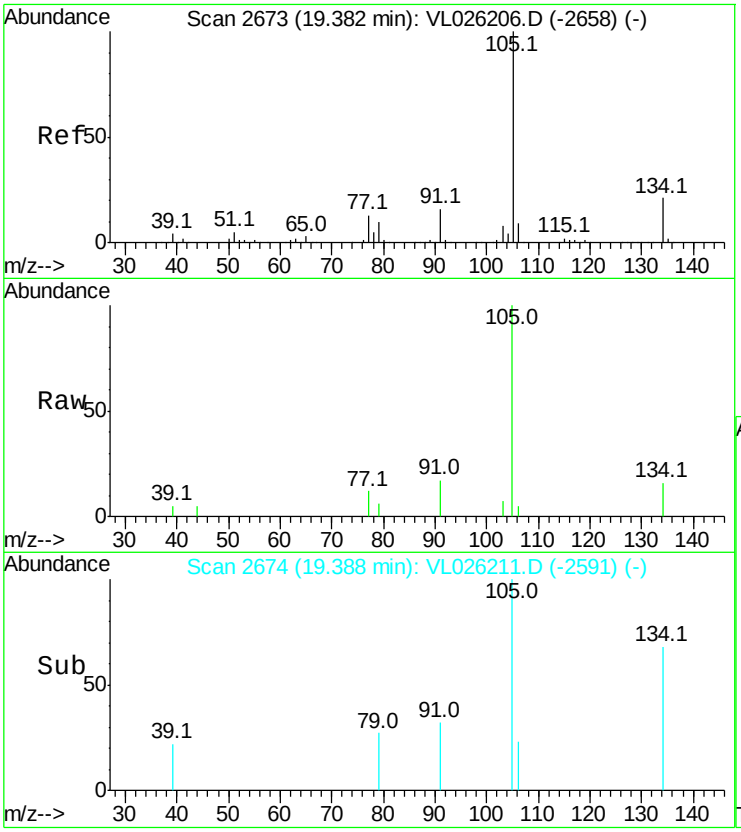


#66
Benzyl Chloride
Concen: 0.02 ppbv
RT: 19.08 min Scan# 2624
Delta R.T. 0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Tgt Ion: 91 Resp: 2236

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.1	24.1#
128	0.0	5.1	7.7#



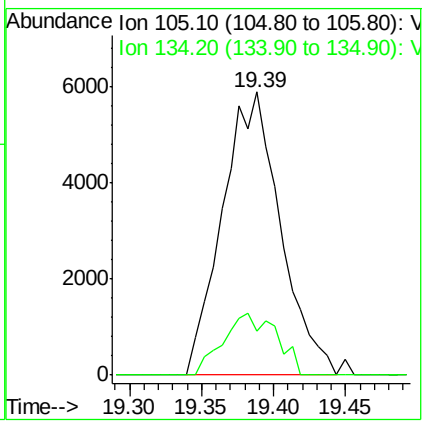


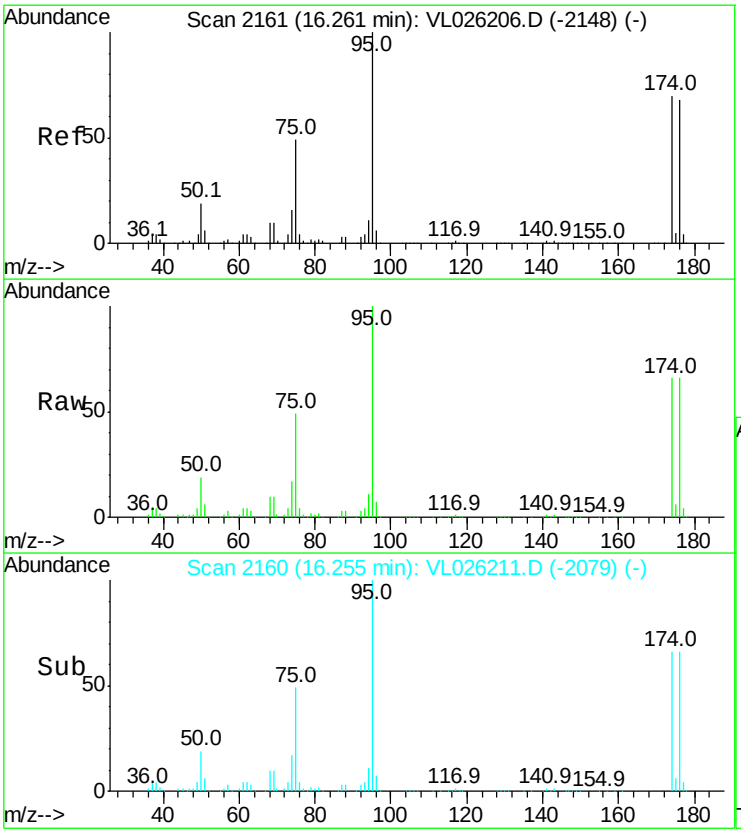
#67
sec-Butylbenzene
Concen: 0.04 ppbv
RT: 19.39 min Scan# 2674
Delta R.T. 0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion:105 Resp: 16541

Ion	Ratio	Lower	Upper
105	100		
134	20.0	16.3	24.5

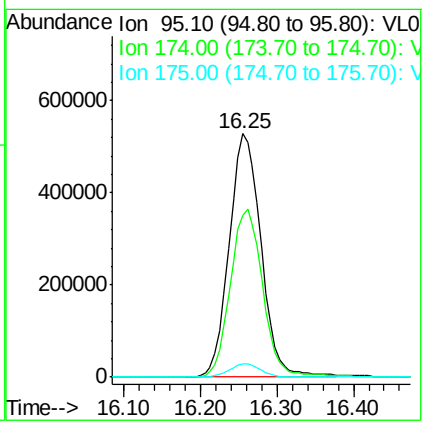


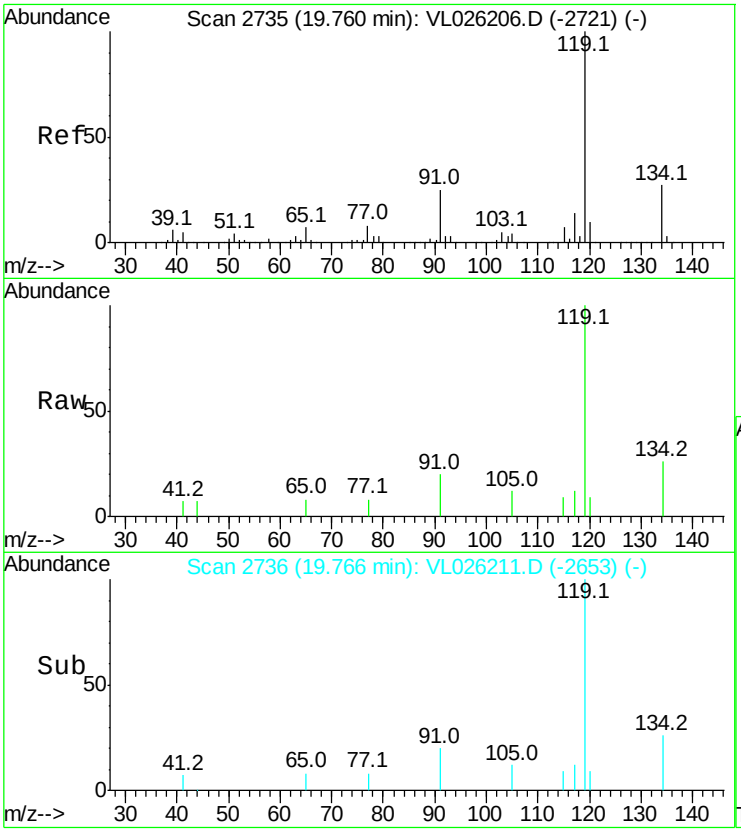


#68
1-Bromo-4-Fluorobenzene
Concen: 10.36 ppbv
RT: 16.25 min Scan# 2160
Delta R.T. -0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Tgt Ion: 95 Resp: 1527317

Ion	Ratio	Lower	Upper
95	100		
174	70.7	56.2	84.2
175	5.5	4.3	6.5



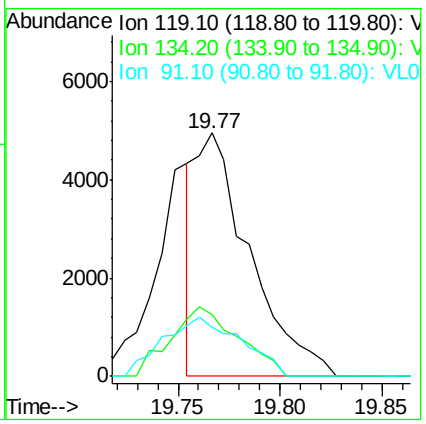


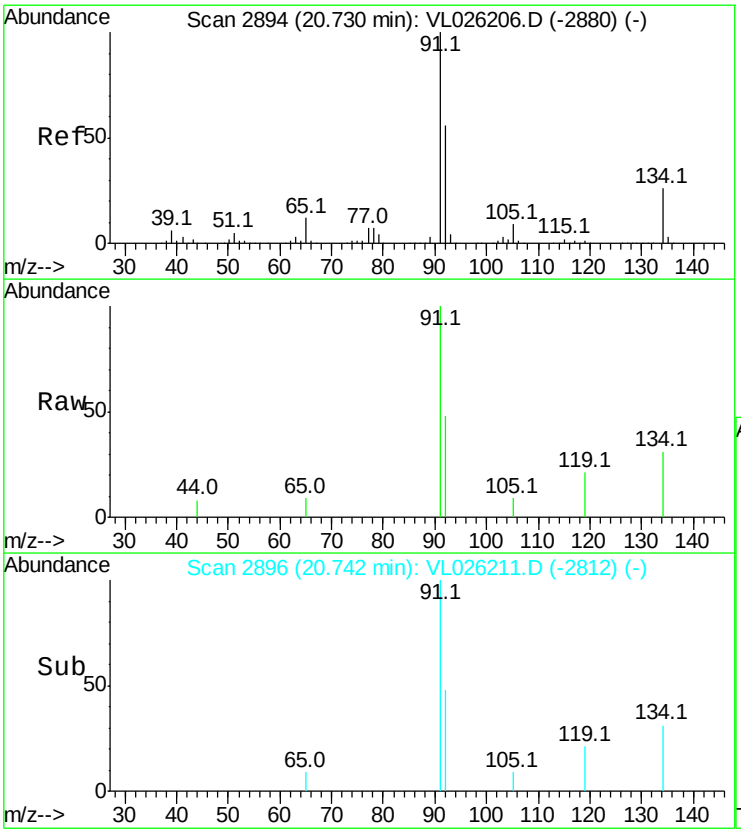
#69
p-Isopropyltoluene
Concen: 0.02 ppbv
RT: 19.77 min Scan# 2736
Delta R.T. 0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Tgt Ion:119 Resp: 9051

Ion	Ratio	Lower	Upper
119	100		
134	36.1	21.4	32.0#
91	35.5	19.8	29.8#

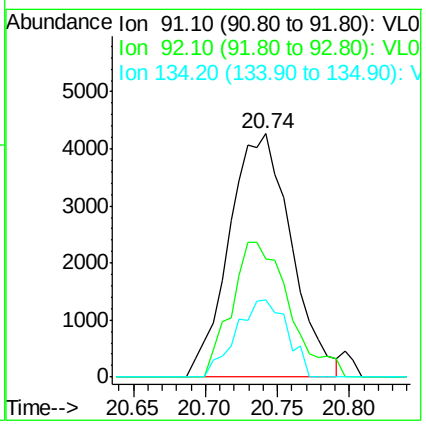


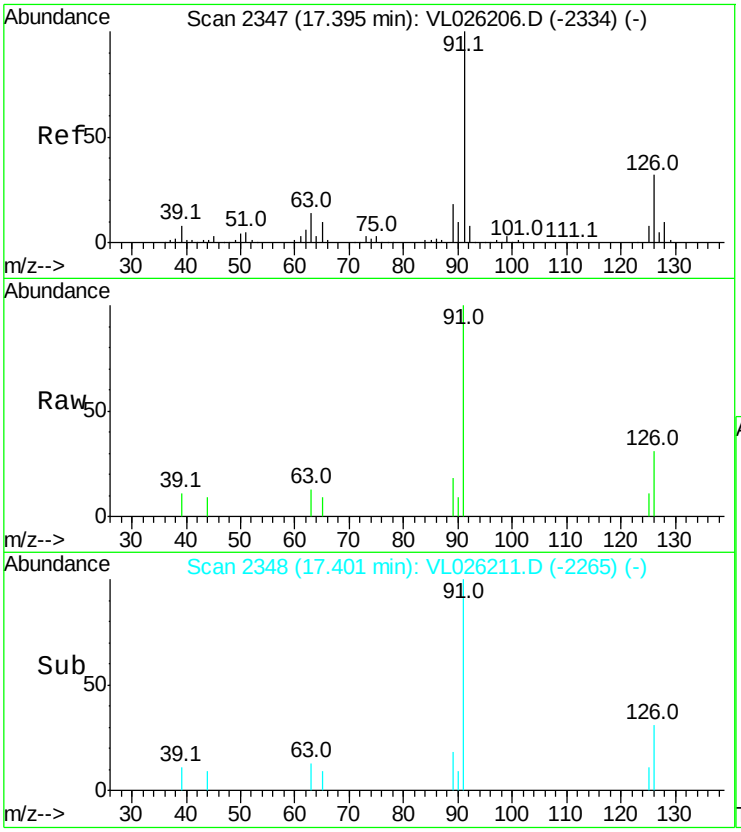


#70
n-Butylbenzene
Concen: 0.04 ppbv
RT: 20.74 min Scan# 2896
Delta R.T. 0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Tgt Ion: 91 Resp: 12771

Ion	Ratio	Lower	Upper
91	100		
92	51.4	44.7	67.1
134	26.2	21.1	31.7



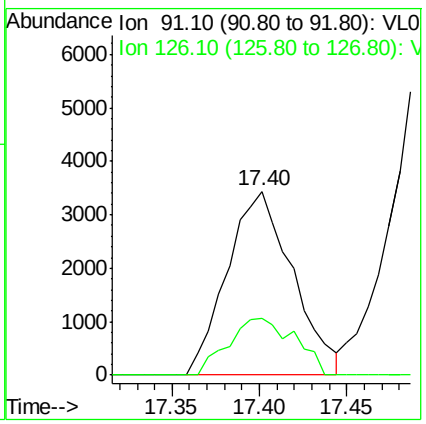


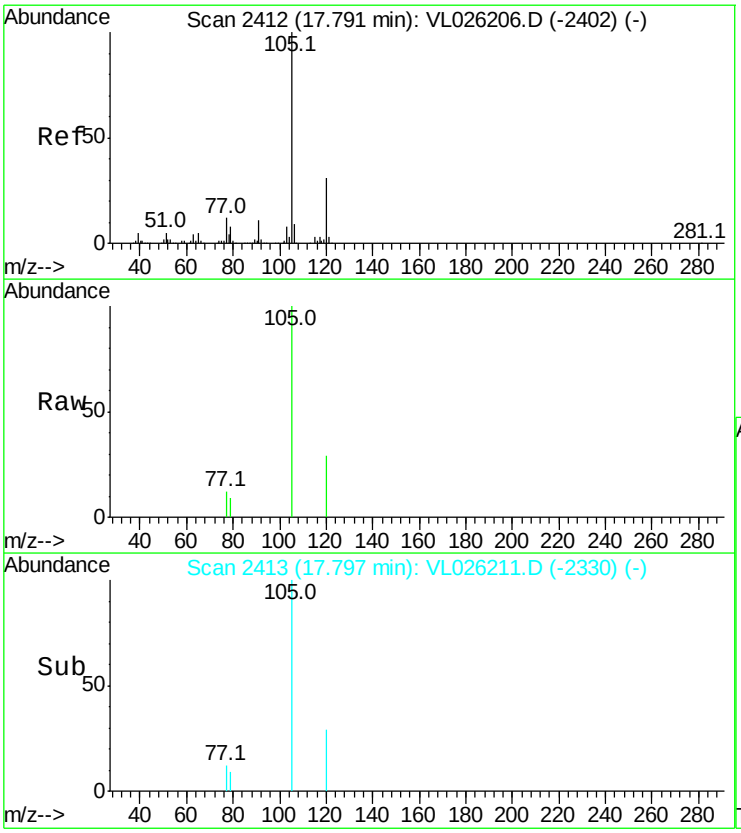
#71
2-Chlorotoluene
Concen: 0.03 ppbv
RT: 17.40 min Scan# 2348
Delta R.T. 0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 91 Resp: 8983

Ion	Ratio	Lower	Upper
91	100		
126	31.2	12.9	51.7

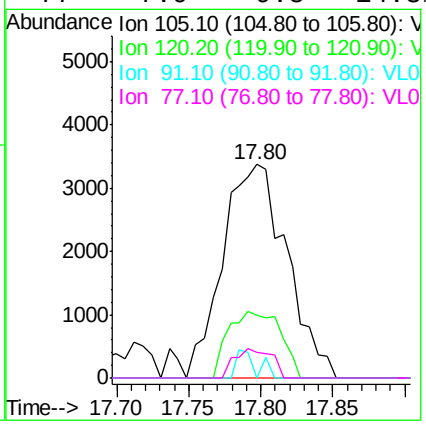


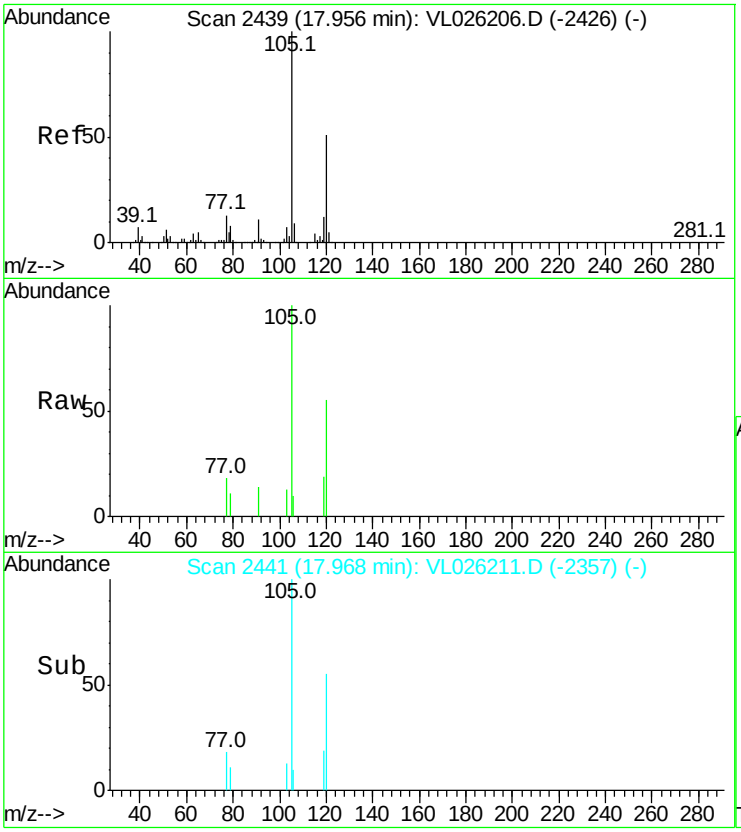


#72
4-Ethyltoluene
Concen: 0.04 ppbv
RT: 17.80 min Scan# 2413
Delta R.T. 0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Tgt Ion:105 Resp: 10452

Ion	Ratio	Lower	Upper
105	100		
120	25.4	25.2	37.8
91	0.0	9.2	13.8#
77	7.9	9.5	14.3#



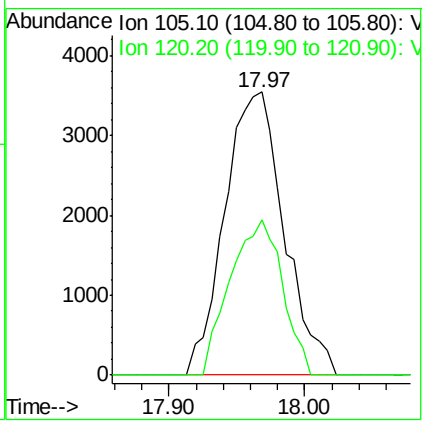


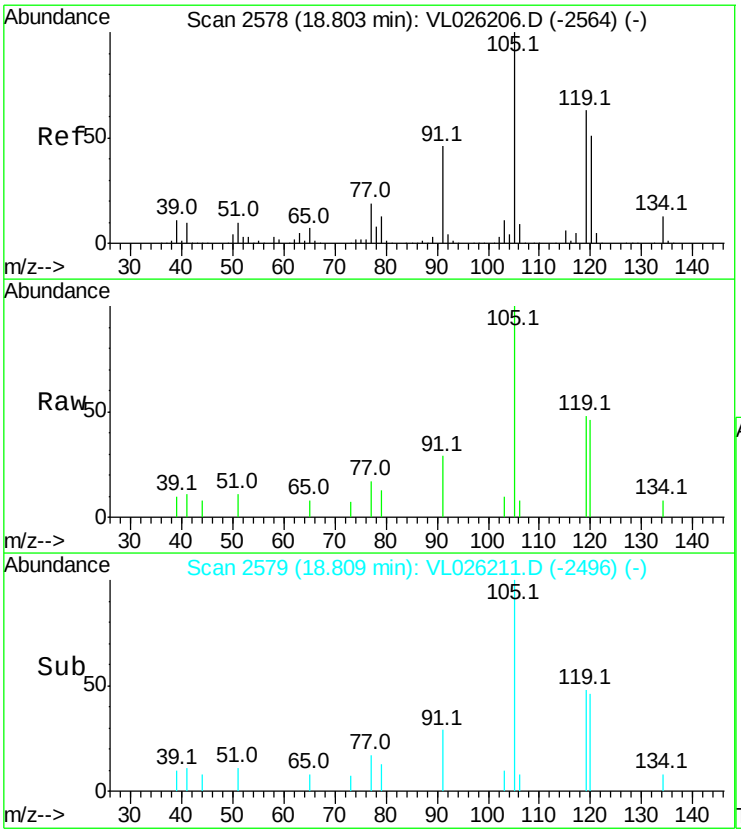
#73
1,3,5-Trimethylbenzene
Concen: 0.04 ppbv
RT: 17.97 min Scan# 2441
Delta R.T. 0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion:105 Resp: 10828

Ion	Ratio	Lower	Upper
105	100		
120	55.0	40.3	60.5

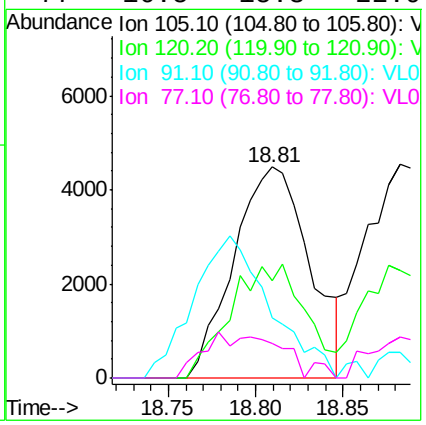


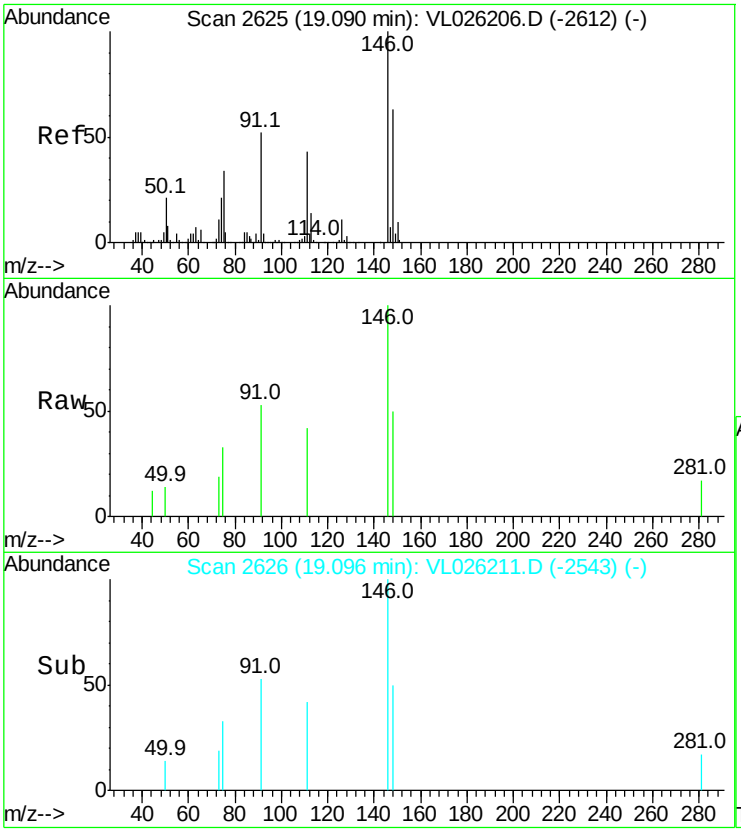


#74
1,2,4-Trimethylbenzene
Concen: 0.05 ppbv
RT: 18.81 min Scan# 2579
Delta R.T. 0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Tgt Ion:105 Resp: 13538

Ion	Ratio	Lower	Upper
105	100		
120	46.2	40.5	60.7
91	28.6	37.4	56.0#
77	16.5	15.3	22.9



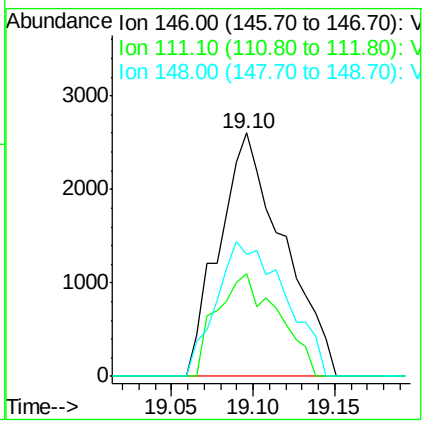


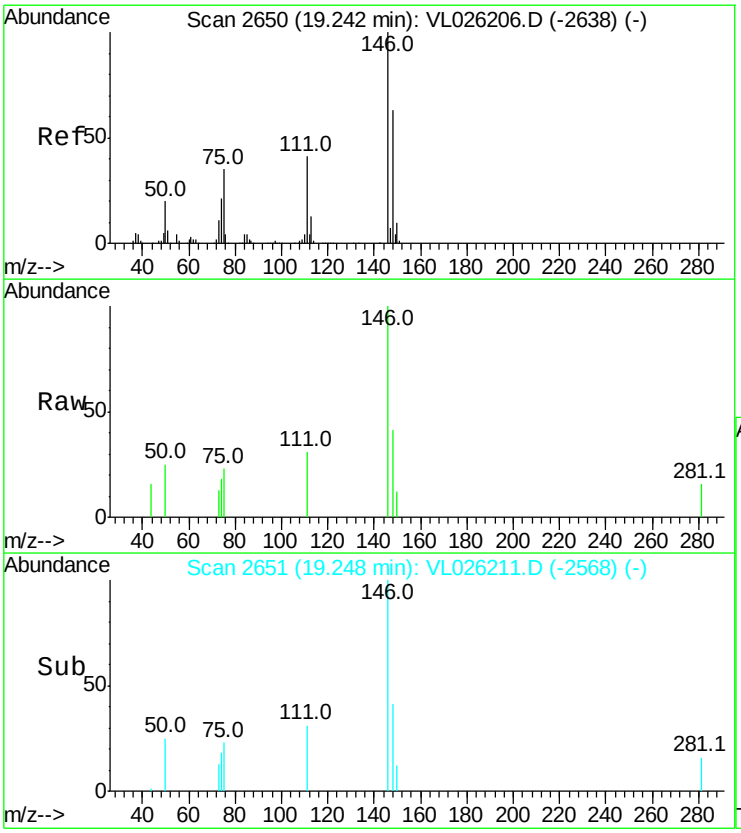
#75
1,3-Dichlorobenzene
Concen: 0.04 ppbv
RT: 19.10 min Scan# 2626
Delta R.T. 0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion:146 Resp: 7128

Ion	Ratio	Lower	Upper
146	100		
111	40.1	21.6	65.0
148	59.4	31.7	95.1

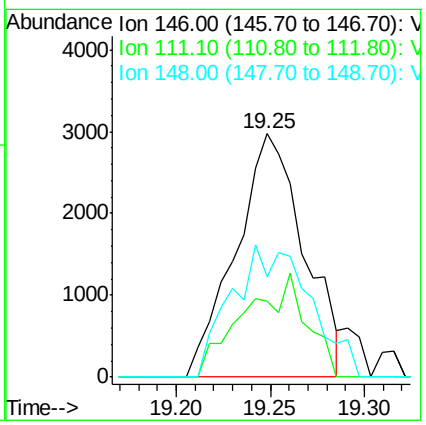


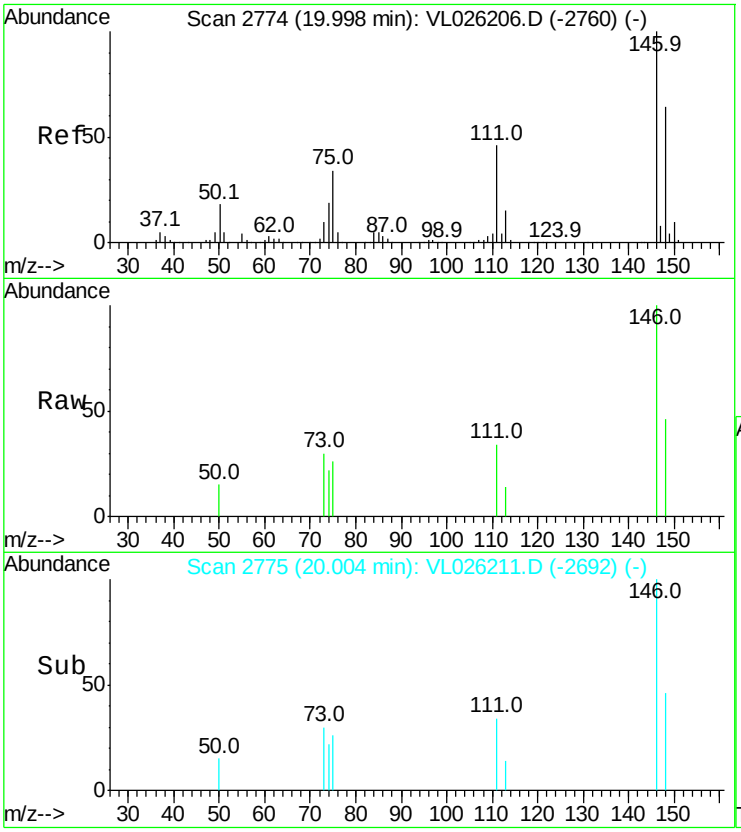


#76
1,4-Dichlorobenzene
Concen: 0.04 ppbv
RT: 19.25 min Scan# 2651
Delta R.T. 0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Tgt Ion:146 Resp: 7500

Ion	Ratio	Lower	Upper
146	100		
111	38.7	20.9	62.8
148	61.9	32.0	96.2



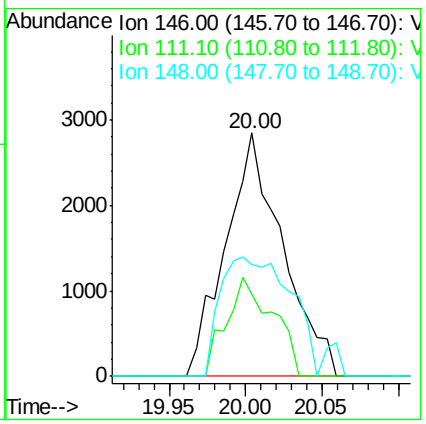


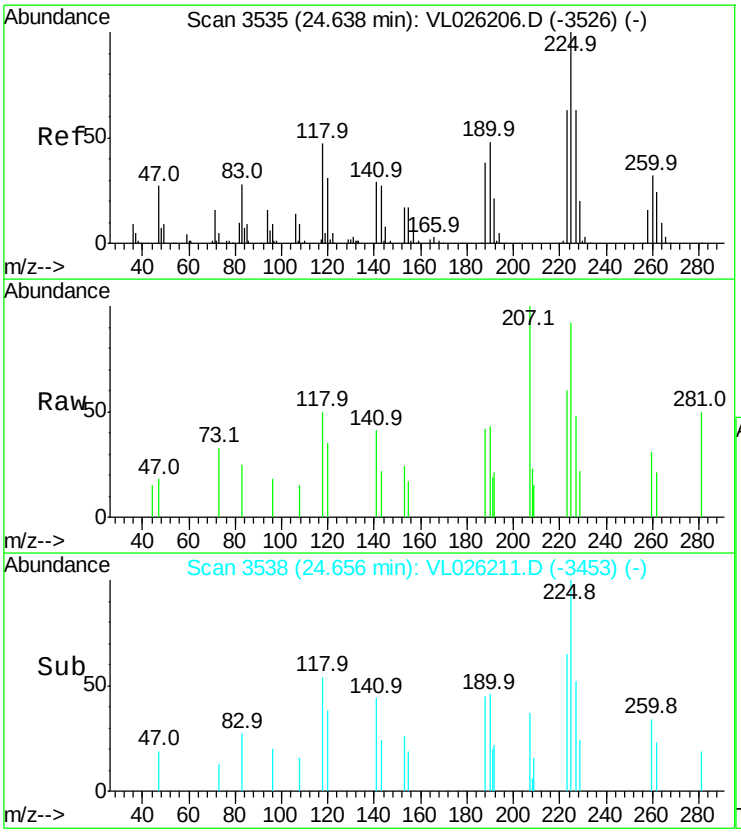
#77
1,2-Dichlorobenzene
Concen: 0.04 ppbv
RT: 20.00 min Scan# 2775
Delta R.T. 0.01 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Tgt Ion:146 Resp: 7402

Ion	Ratio	Lower	Upper
146	100		
111	33.1	22.6	67.8
148	63.8	32.0	96.2

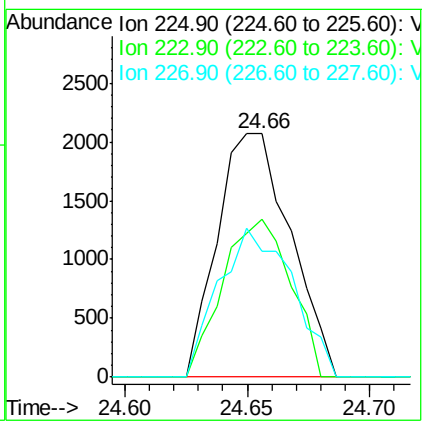


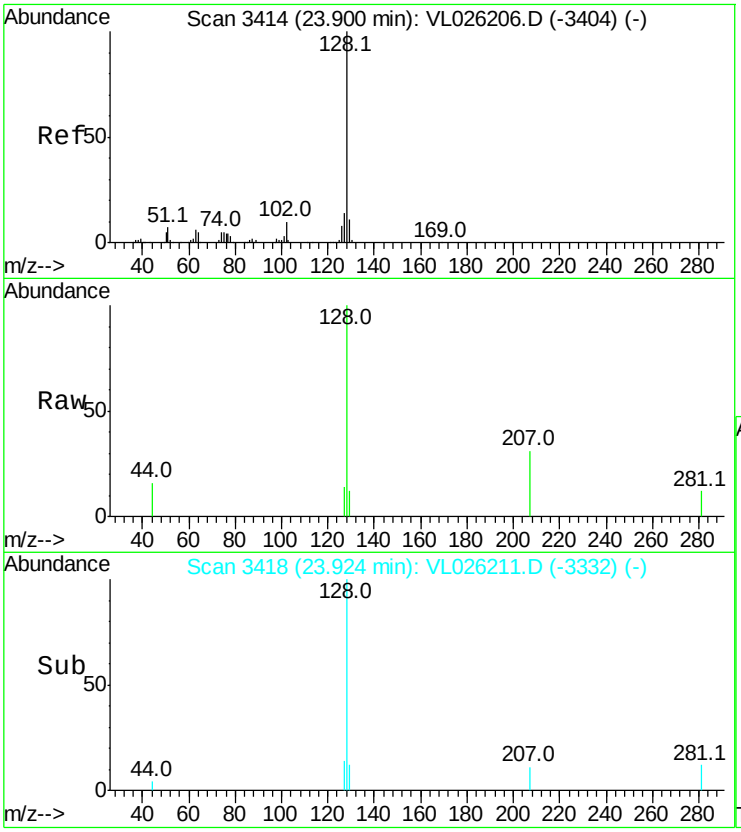


#78
Hexachloro-1,3-Butadiene
Concen: 0.05 ppbv
RT: 24.66 min Scan# 3538
Delta R.T. 0.02 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Tgt Ion:225 Resp: 4292

Ion	Ratio	Lower	Upper
225	100		
223	60.4	50.7	76.1
227	61.7	50.2	75.2



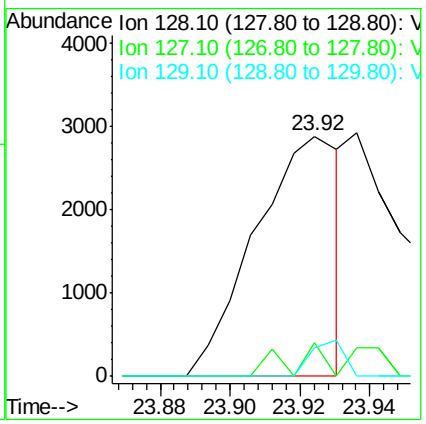


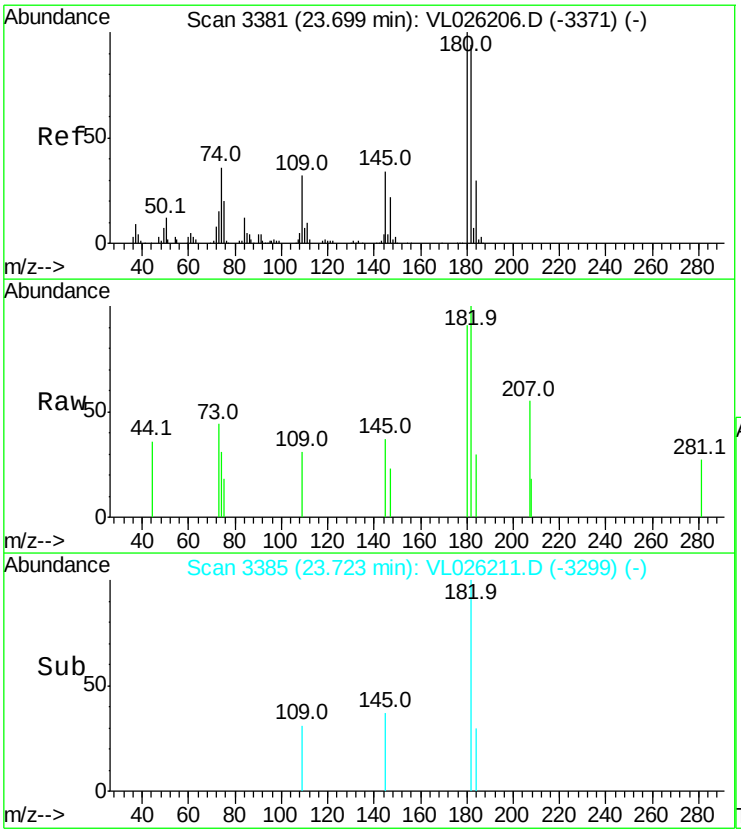
#79
Naphthalene
Concen: 0.02 ppbv
RT: 23.92 min Scan# 3418
Delta R.T. 0.02 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion:128 Resp: 4882

Ion	Ratio	Lower	Upper
128	100		
127	14.1	11.0	16.6
129	11.9	8.7	13.1





#81
1,2,4-Trichlorobenzene
Concen: 0.04 ppbv
RT: 23.72 min Scan# 3385
Delta R.T. 0.02 min
Lab File: VL026211.D
Acq: 20 Oct 2015 13:47

Tgt Ion:180 Resp: 4109

Ion	Ratio	Lower	Upper
180	100		
182	105.8	76.4	114.6
184	27.1	24.4	36.6