Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062918\

Quantitation Report (Not Reviewed)

Data File : VL032149.D
Acq On : 29 Jun 2018 20:37
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Jun 29 21:20:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062918AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 29 20:36:18 2018
QLast Update : Fri Jun 29 20:36:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.85	49	1668073	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.38	114	4171407	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.34	117	3972465	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.68	95	2998820	10.16	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.13	85	34411	0.197	ppbv		99
4) Chloromethane	3.23	50	11341	0.098	ppbv		98
5) Vinyl Chloride	3.35	62	11197	0.094	ppbv		91
6) Bromomethane	3.58	94	7344	0.106	ppbv		87
7) Chloroethane	3.67	64	2251	0.051	ppbv	#	65
8) Dichlorotetrafluoroethane	3.28	85	28543	0.119	ppbv		97
9) Propene	3.10	41	12587	0.119	ppbv		97
10) Heptane	8.34	43	12794	0.043	ppbv	#	28
11) Trichlorofluoromethane	4.08	101	8927	0.039	ppbv		92
12) 1,1,2-Trichlorotrifluoroet	4.63	101	17852	0.114	ppbv		98
14) Bromoethene	3.86	108	8470	0.111	ppbv	#	95
15) Acetone	3.99	43	17420	0.079	ppbv	#	54
16) 1,3-Butadiene	3.43	39	7770	0.075	ppbv	#	72
18) 1,1-Dichloroethene	4.43	96	7045	0.092	ppbv	#	59
20) Methylene Chloride	4.48	84	5352	0.071	ppbv	#	69
21) Allyl Chloride	4.56	41	13555	0.099	ppbv	#	80
22) trans-1,2-Dichloroethene	5.04	96	5784	0.074	ppbv	#	74
23) Vinyl Acetate	5.23	43	10580	0.031	ppbv	#	80
24) 1,1-Dichloroethane	5.17	63	24062	0.095	ppbv		97
25) Ethyl Acetate	5.87	43	44439	0.091	ppbv	#	94
26) Hexane	5.86	57	21453	0.100	ppbv		90
27) Carbon Disulfide	4.70	76	7687	0.036	ppbv	#	1
28) Methyl tert-Butyl Ether	5.22	73	36372	0.133	ppbv		96
29) Chloroform	5.93	83	17678	0.062	ppbv	#	82
30) Cyclohexane	7.34	84	17161	0.097	ppbv	#	19
31) cis-1,2-Dichloroethene	5.73	61	12699	0.066	ppbv	#	80
32) 1,1,1-Trichloroethane	6.71	97	26726	0.090	ppbv		94
35) Carbon Tetrachloride	7.23	117	27628	0.095	ppbv	#	83
36) Benzene	7.10	78	47158	0.104	ppbv	#	88
37) 1,2-Dichloroethane	6.50	62	22155	0.095	ppbv		99
38) Trichloroethene	8.05	130	5360	0.031	ppbv	#	79
39) 1,2-Dichloropropane	7.83	63	18593	0.112	ppbv	#	88
42) Bromodichloromethane	8.01	83	30718	0.098	ppbv		97
43) Methyl Methacrylate	8.24	69	17084	0.095	ppbv		95
44) 2,2,4-Trimethylpentane	8.09	57	73810	0.099	ppbv		96
45) t-1,3-Dichloropropene	9.51	75	16082	0.073	ppbv		98
46) cis-1,3-Dichloropropene	8.93	75	18216	0.064	ppbv	#	86
47) 1,1,2-Trichloroethane	9.71	97	10122	0.054	ppbv	#	88
48) Dibromochloromethane	10.55	129	9920	0.035	ppbv	#	10
50) 4-Methyl-2-Pentanone	9.01	43	51181	0.097	ppbv		99
51) 2-Hexanone	10.40	43	15850	0.030	ppbv	#	27

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062918\

Quantitation Report (Not Reviewed)

Data File : VL032149.D
Acq On : 29 Jun 2018 20:37
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Jun 29 21:20:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062918AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 29 20:36:18 2018
QLast Update : Fri Jun 29 20:36:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Tetrachloroethene	11.47	164	5109	0.031	ppbv		85
53) Toluene	10.04	91	49793	0.091	ppbv		97
54) 1,2-Dibromoethane	10.85	107	9437	0.034	ppbv		84
57) Chlorobenzene	12.40	112	22000	0.058	ppbv	#	90
59) m/p-Xylene	13.26	91	22399	0.041	ppbv	#	1
60) o-Xylene	13.95	91	62173	0.114	ppbv		96
61) Styrene	13.79	104	42723	0.263	ppbv		90
62) Isopropylbenzene	14.92	105	39060	0.054	ppbv	#	49
64) n-propylbenzene	15.82	120	7894	0.042	ppbv	#	1
65) tert-Butylbenzene	17.00	119	32247	0.051	ppbv	#	20
66) Benzyl Chloride	17.26	91	3294	0.041	ppbv	#	1
67) sec-Butylbenzene	17.56	105	108064	0.116	ppbv		96
69) p-Isopropyltoluene	17.92	119	57101	0.075	ppbv	#	65
70) n-Butylbenzene	18.81	91	37757	0.047	ppbv	#	24
71) 2-Chlorotoluene	15.72	91	43017	0.077	ppbv		73
72) 4-Ethyltoluene	16.10	105	28861	0.047	ppbv	#	48
73) 1,3,5-Trimethylbenzene	16.26	105	40489	0.074	ppbv	#	85
74) 1,2,4-Trimethylbenzene	17.03	105	22657	0.039	ppbv		90
75) 1,3-Dichlorobenzene	17.27	146	17687	0.050	ppbv	#	1
76) 1,4-Dichlorobenzene	17.41	146	31115	0.086	ppbv		75
77) 1,2-Dichlorobenzene	18.09	146	19047	0.051	ppbv	#	23
80) Naphthalene,2-methyl-	25.20	142	14399	0.039	ppbv		94

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

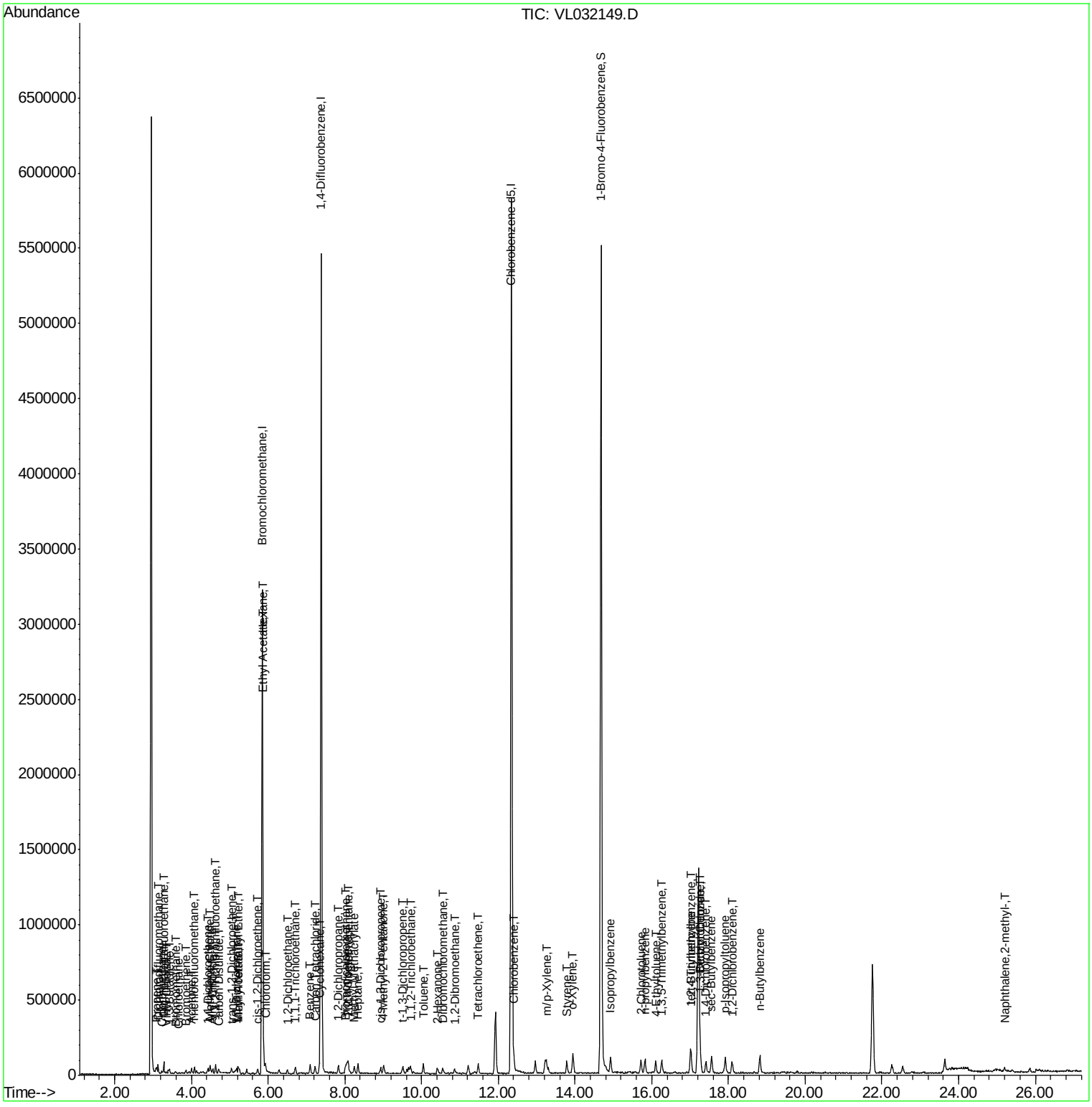
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062918\

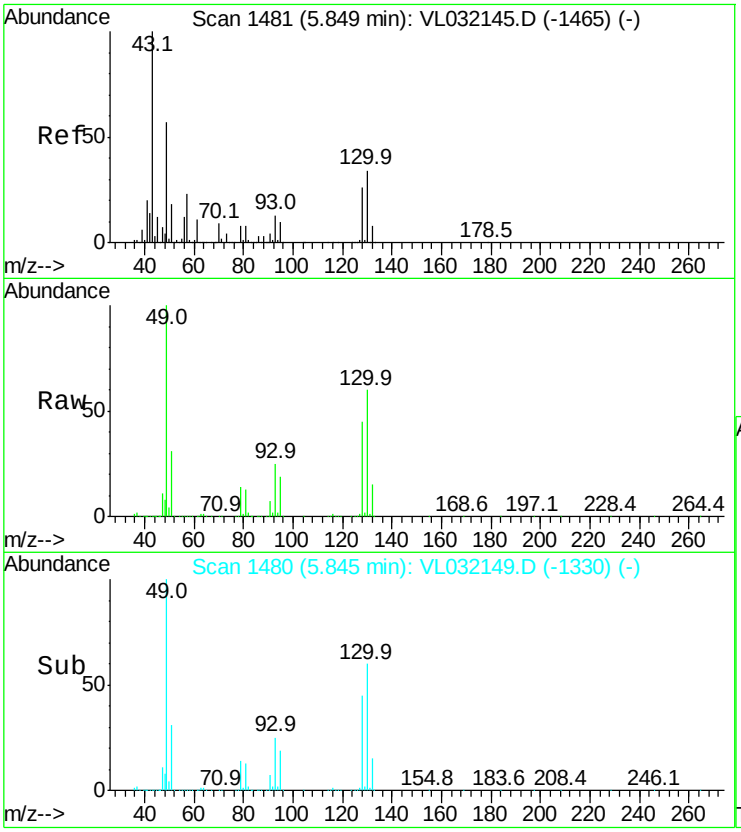
Quantitation Report (Not Reviewed)

Data File : VL032149.D
Acq On : 29 Jun 2018 20:37
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Jun 29 21:20:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062918AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 29 20:36:18 2018
QLast Update : Fri Jun 29 20:36:18 2018
Response via : Initial Calibration



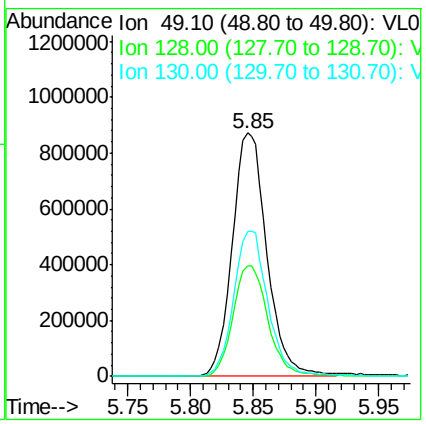


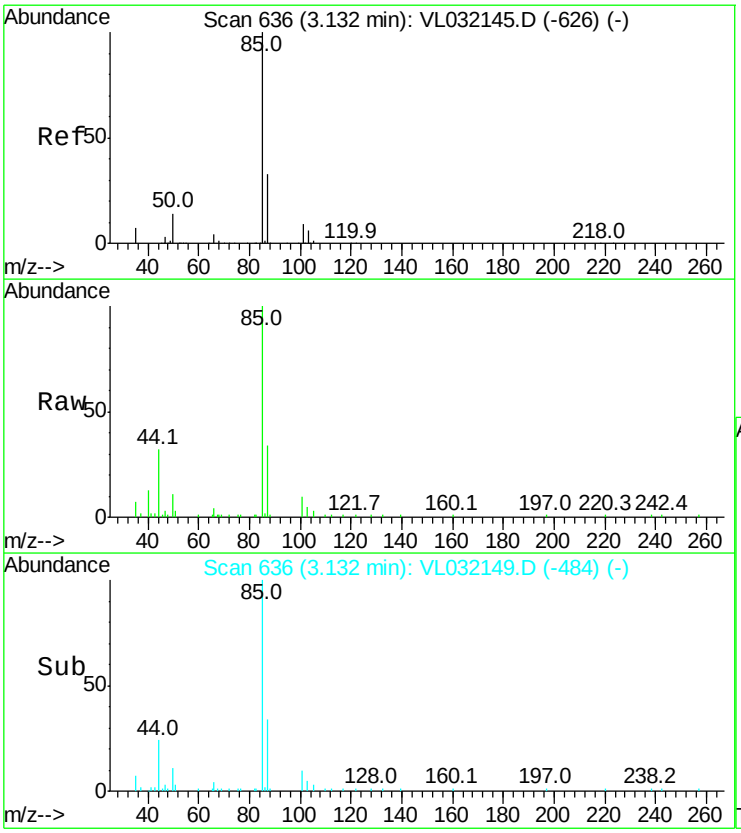
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.85 min Scan# 1480
Delta R.T. -0.02 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 49 Resp: 1668073

Ion	Ratio	Lower	Upper
49	100		
128	46.5	23.4	70.0
130	59.4	30.3	90.9

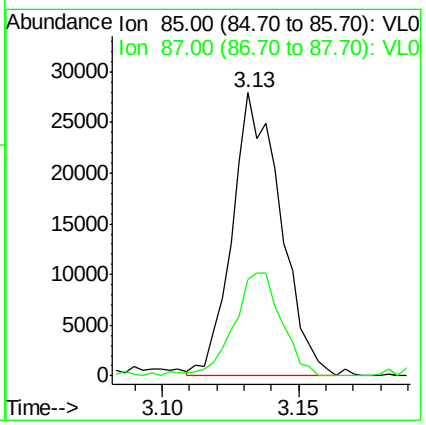


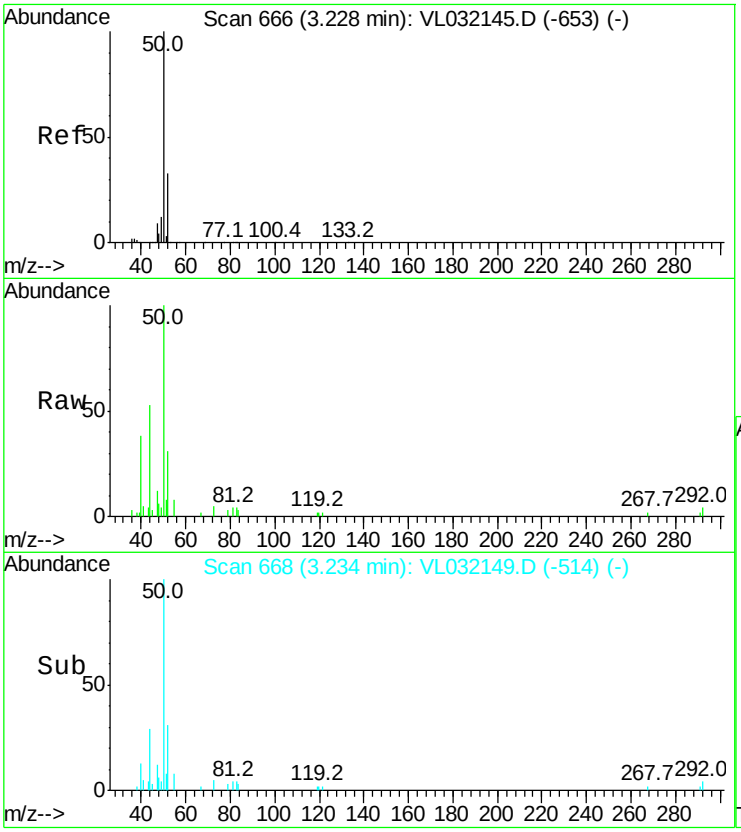


#2
Dichlorodifluoromethane
Concen: 0.197 ppbv
RT: 3.13 min Scan# 636
Delta R.T. -0.01 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Tgt Ion: 85 Resp: 34411

Ion	Ratio	Lower	Upper
85	100		
87	34.1	26.7	40.1



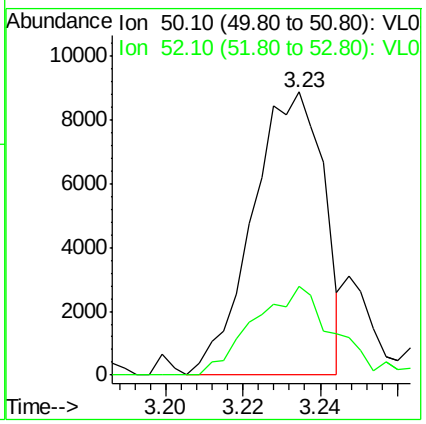


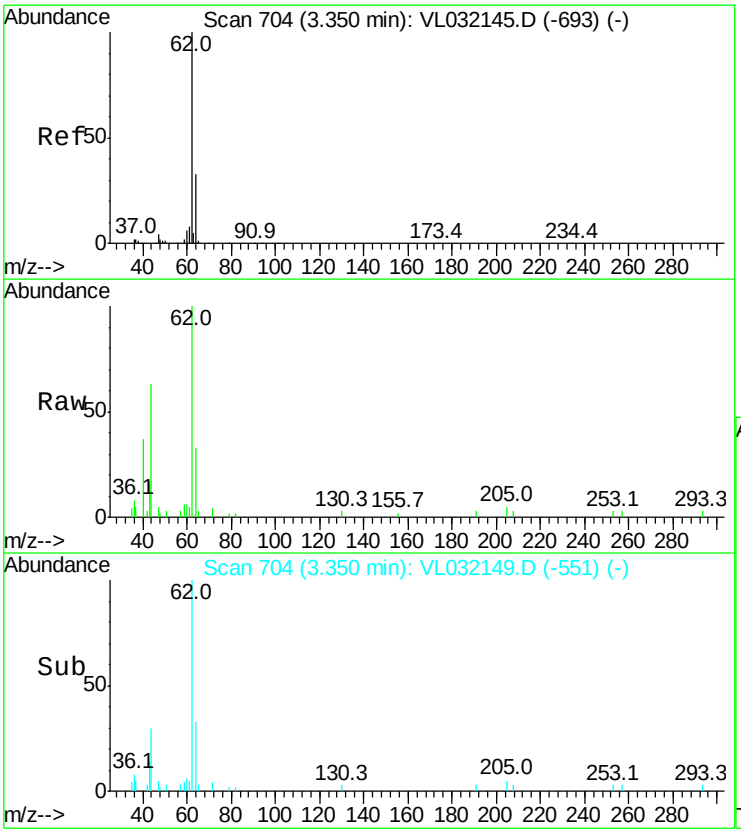
#4
Chloromethane
Concen: 0.098 ppbv
RT: 3.23 min Scan# 668
Delta R.T. -0.00 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 50 Resp: 11341

Ion	Ratio	Lower	Upper
50	100		
52	31.4	26.0	39.0

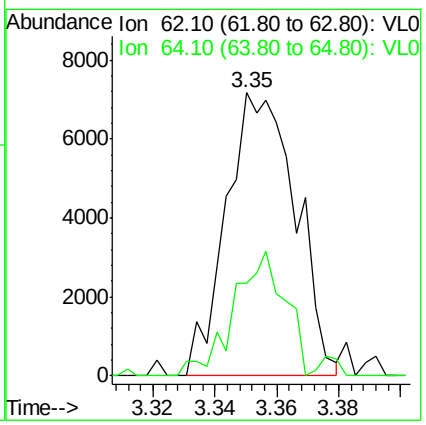


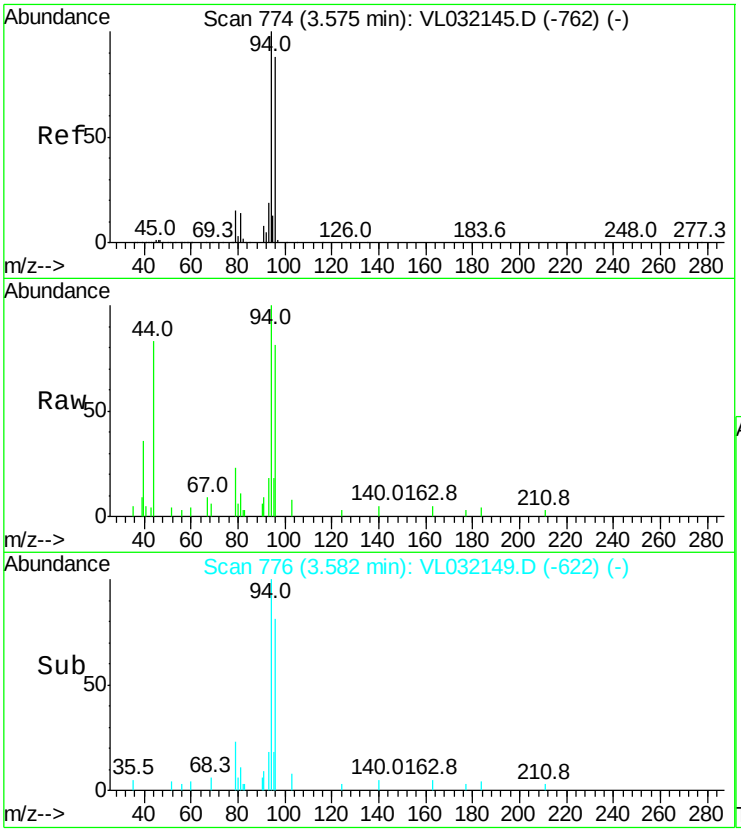


#5
Vinyl Chloride
Concen: 0.094 ppbv
RT: 3.35 min Scan# 704
Delta R.T. -0.01 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Tgt Ion: 62 Resp: 11197

Ion	Ratio	Lower	Upper
62	100		
64	27.6	26.1	39.1



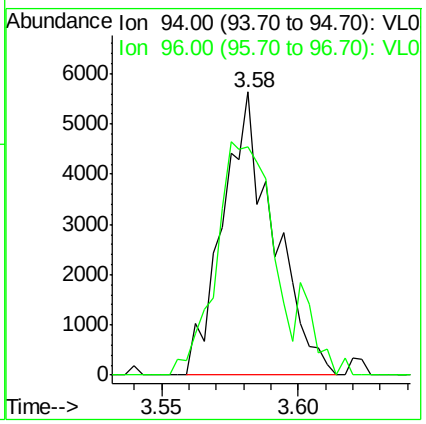


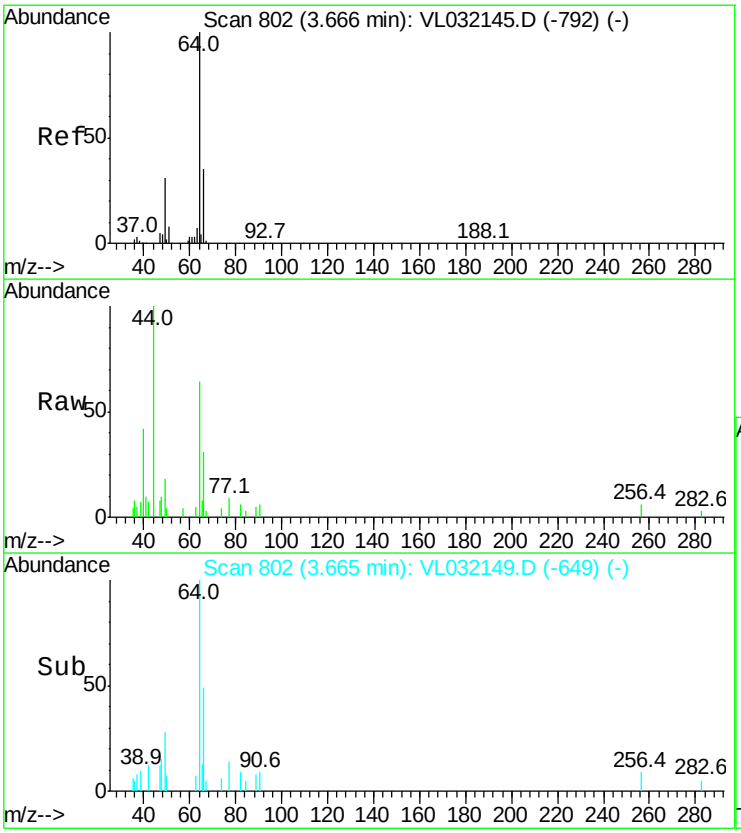
#6
Bromomethane
Concen: 0.106 ppbv
RT: 3.58 min Scan# 776
Delta R.T. -0.00 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 94 Resp: 7344

Ion	Ratio	Lower	Upper
94	100		
96	80.5	74.7	112.1

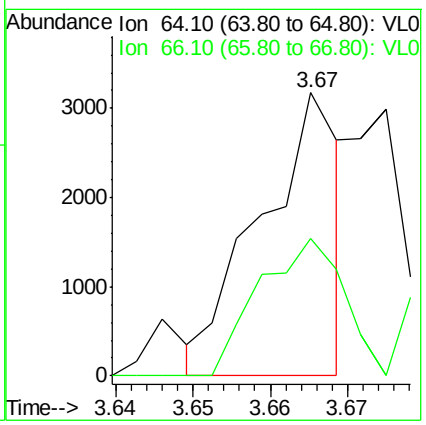


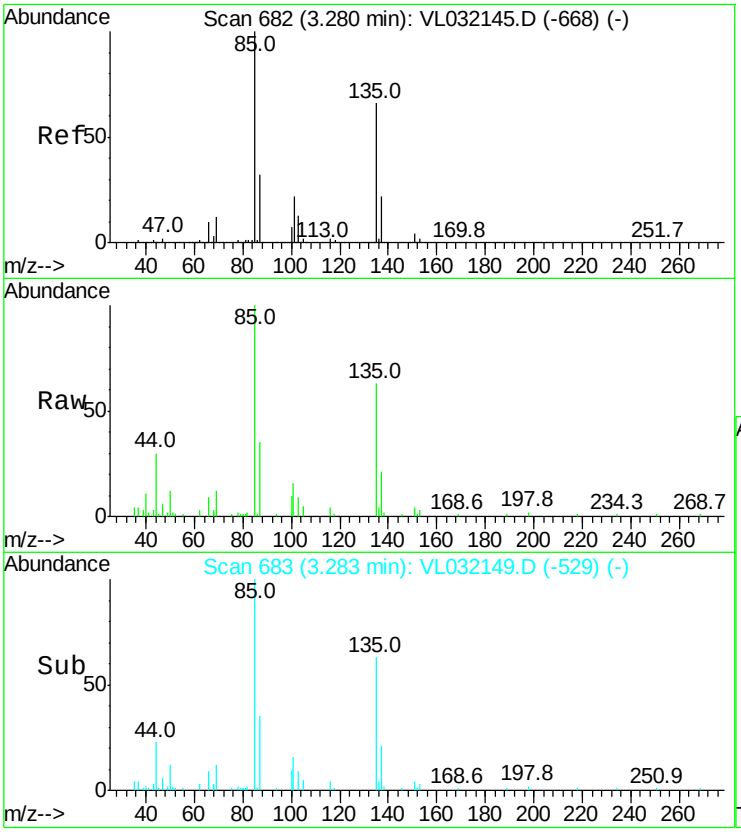


#7
Chloroethane
Concen: 0.051 ppbv
RT: 3.67 min Scan# 802
Delta R.T. -0.01 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Tgt Ion: 64 Resp: 2251

Ion	Ratio	Lower	Upper
64	100		
66	53.7	26.9	40.3#



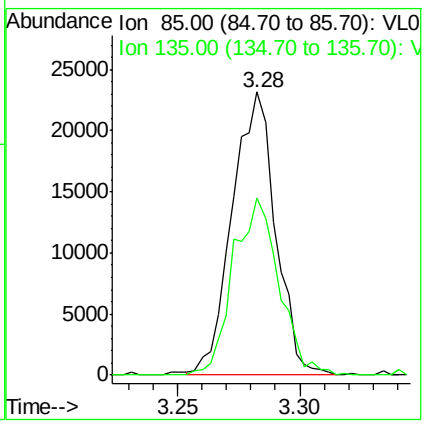


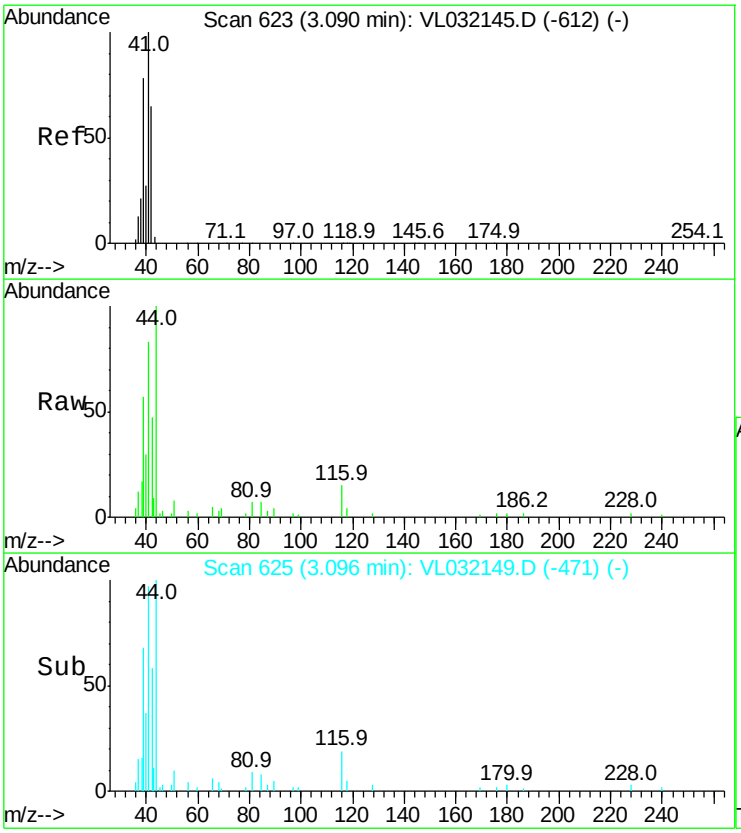
#8
Dichlorotetrafluoroethane
Concen: 0.119 ppbv
RT: 3.28 min Scan# 683
Delta R.T. -0.00 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 85 Resp: 28543

Ion	Ratio	Lower	Upper
85	100		
135	65.9	54.6	82.0

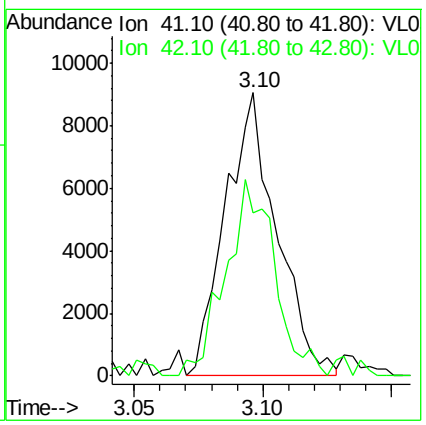


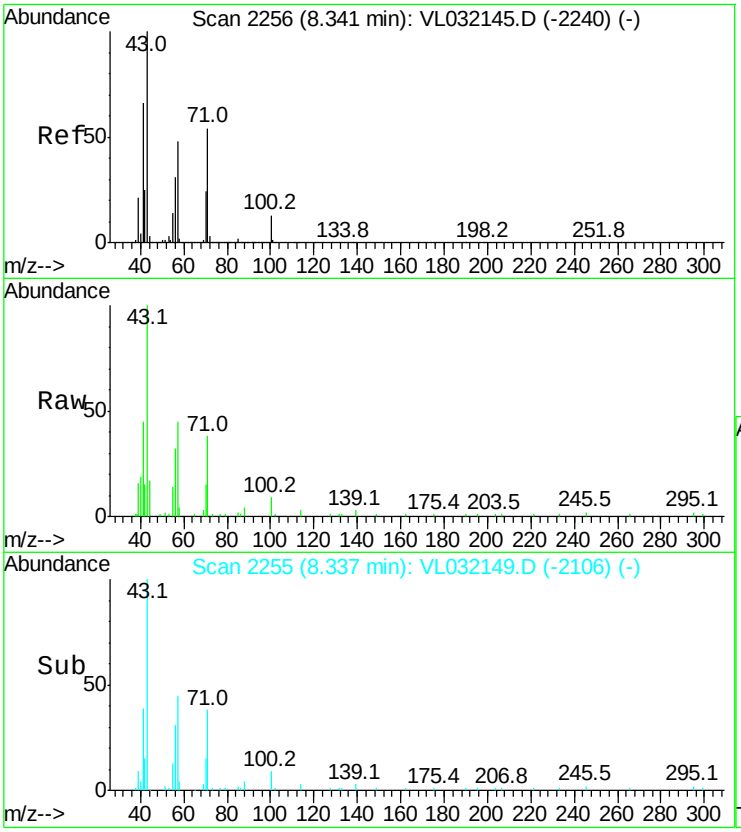


#9
Propene
Concen: 0.119 ppbv
RT: 3.10 min Scan# 625
Delta R.T. -0.00 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Tgt Ion: 41 Resp: 12587

Ion	Ratio	Lower	Upper
41	100		
42	68.2	56.2	84.4



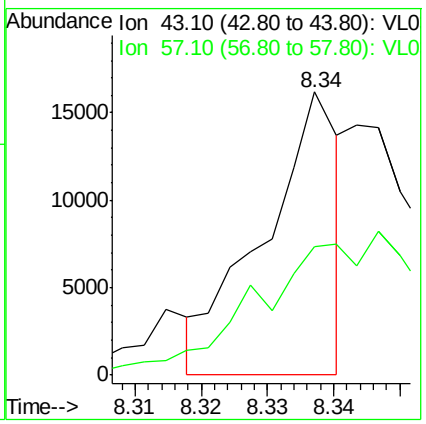


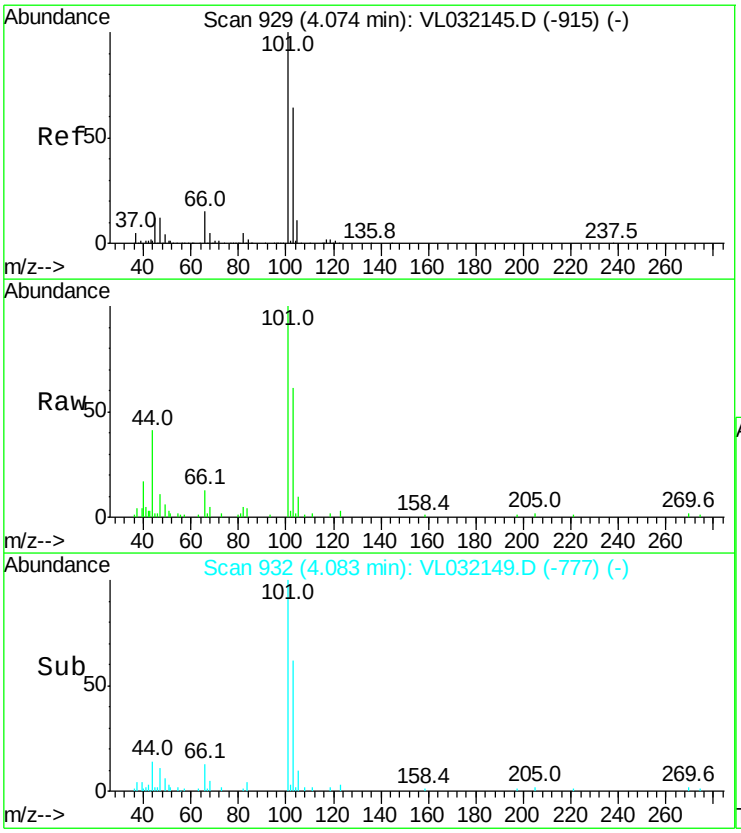
#10
Heptane
Concen: 0.043 ppbv
RT: 8.34 min Scan# 2255
Delta R.T. -0.02 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 43 Resp: 12794

Ion	Ratio	Lower	Upper
43	100		
57	0.0	39.8	59.8#

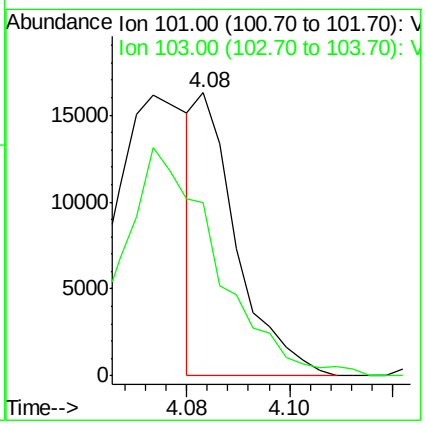


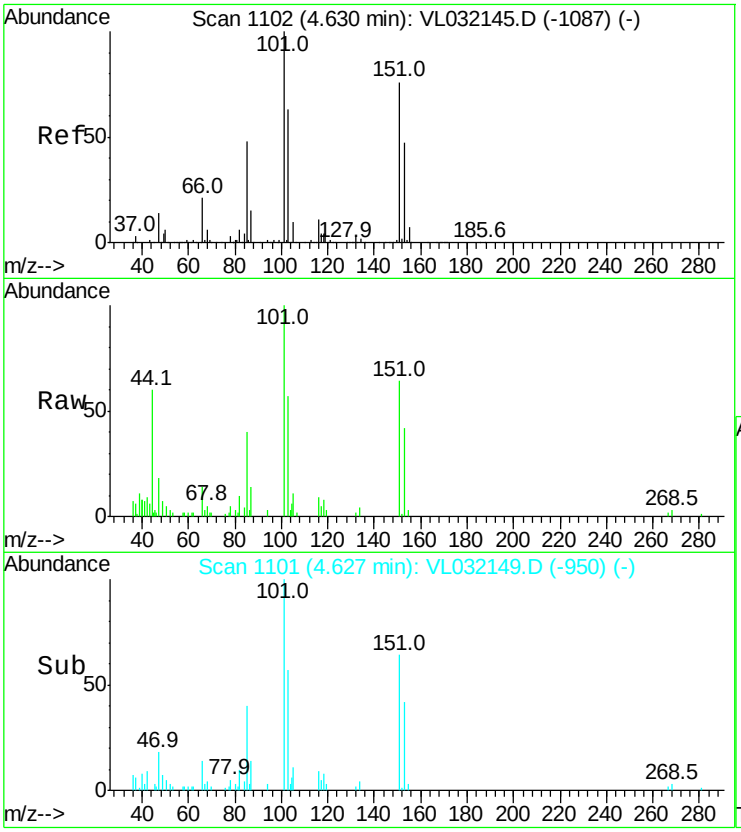


#11
Trichlorofluoromethane
Concen: 0.039 ppbv
RT: 4.08 min Scan# 932
Delta R.T. -0.00 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Tgt Ion:101 Resp: 8927

Ion	Ratio	Lower	Upper
101	100		
103	57.7	51.4	77.0



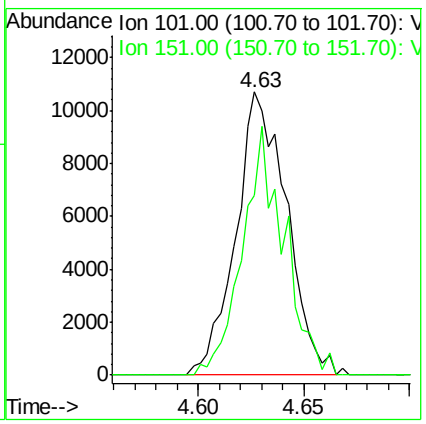


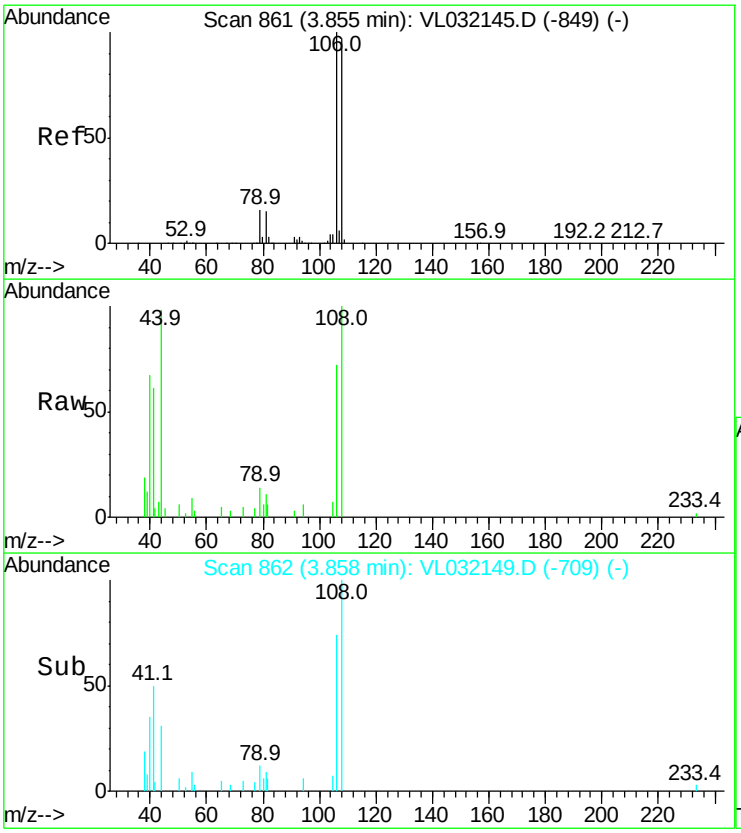
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.114 ppbv
RT: 4.63 min Scan# 1101
Delta R.T. -0.01 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:101 Resp: 17852

Ion	Ratio	Lower	Upper
101	100		
151	72.2	58.8	88.2

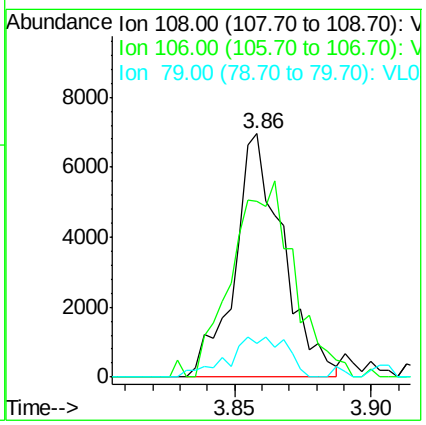


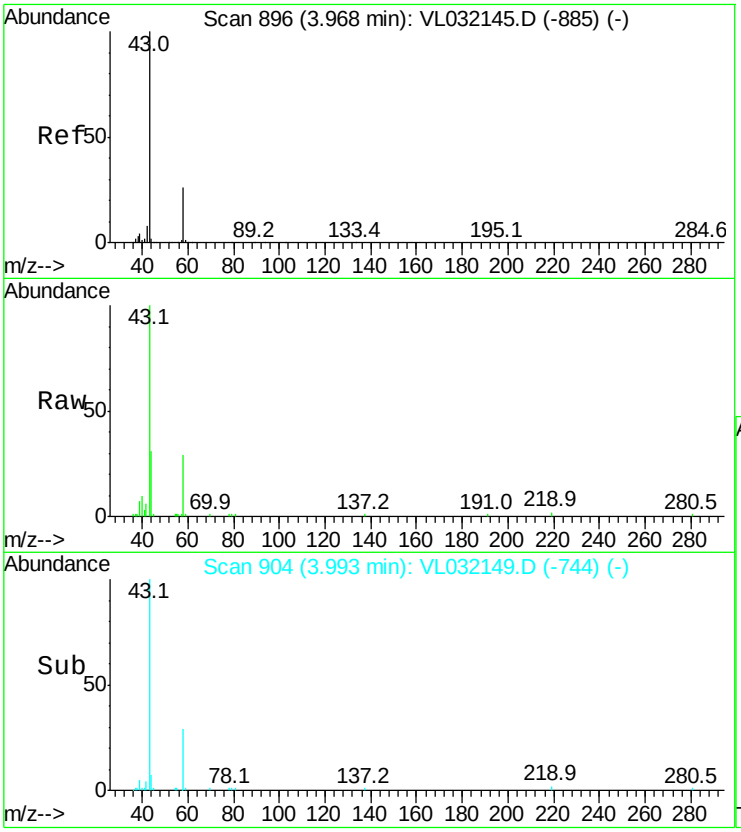


#14
Bromoethene
Concen: 0.111 ppbv
RT: 3.86 min Scan# 862
Delta R.T. -0.01 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Tgt Ion:108 Resp: 8470

Ion	Ratio	Lower	Upper
108	100		
106	105.0	86.3	129.5
79	23.1	12.7	19.1#



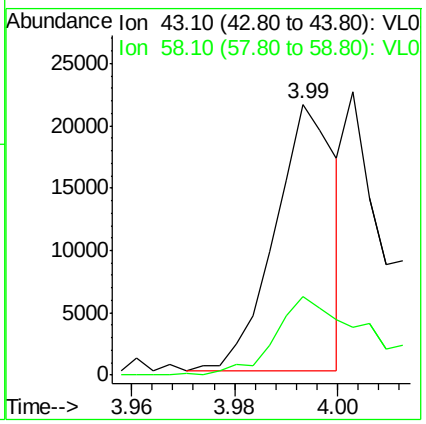


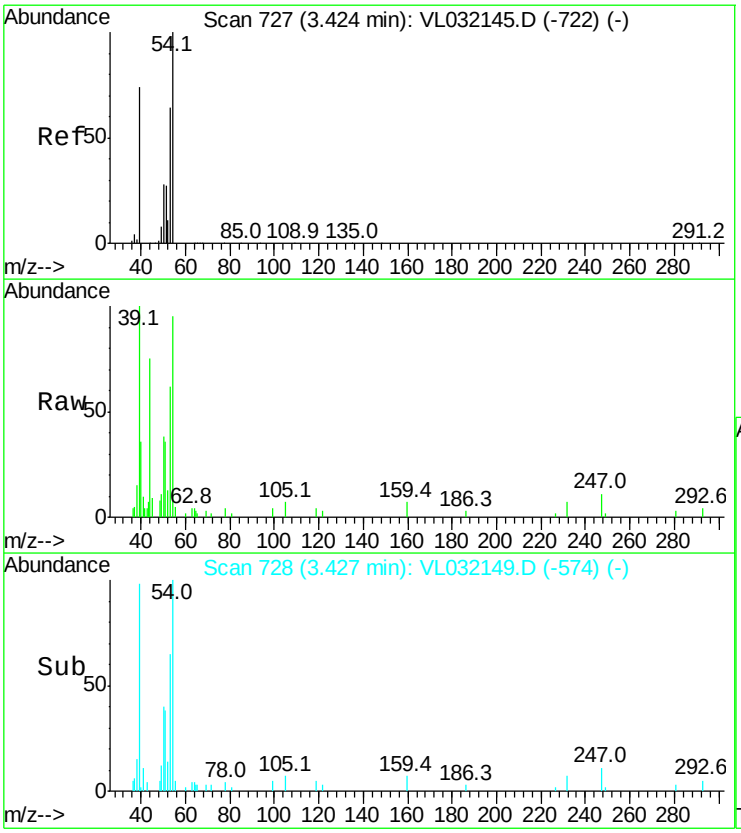
#15
Acetone
Concen: 0.079 ppbv
RT: 3.99 min Scan# 904
Delta R.T. 0.02 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 43 Resp: 17420

Ion	Ratio	Lower	Upper
43	100		
58	50.6	21.4	32.0#

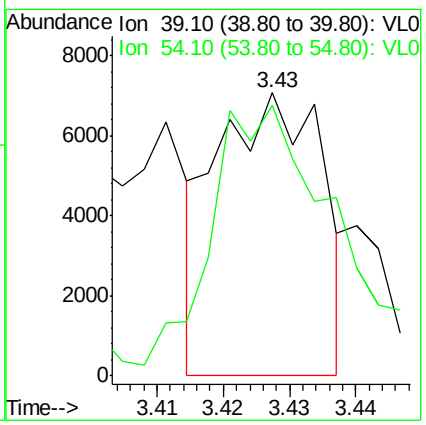


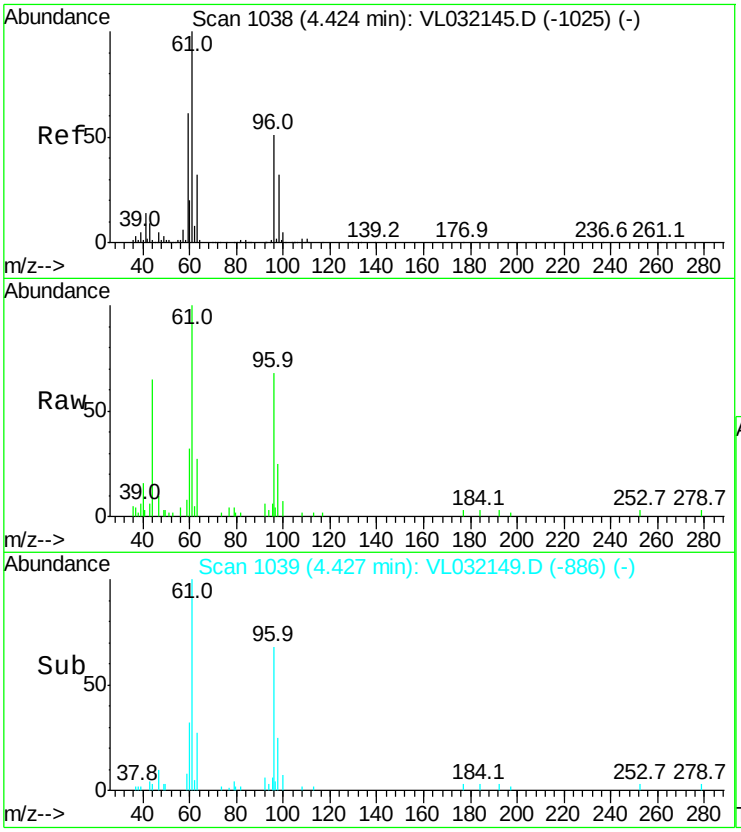


#16
1,3-Butadiene
Concen: 0.075 ppbv
RT: 3.43 min Scan# 728
Delta R.T. -0.00 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Tgt Ion: 39 Resp: 7770

Ion	Ratio	Lower	Upper
39	100		
54	121.8	75.8	113.6#



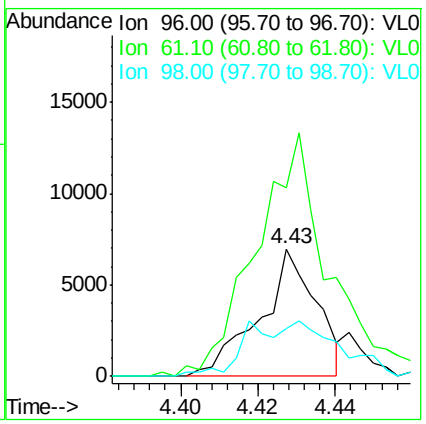


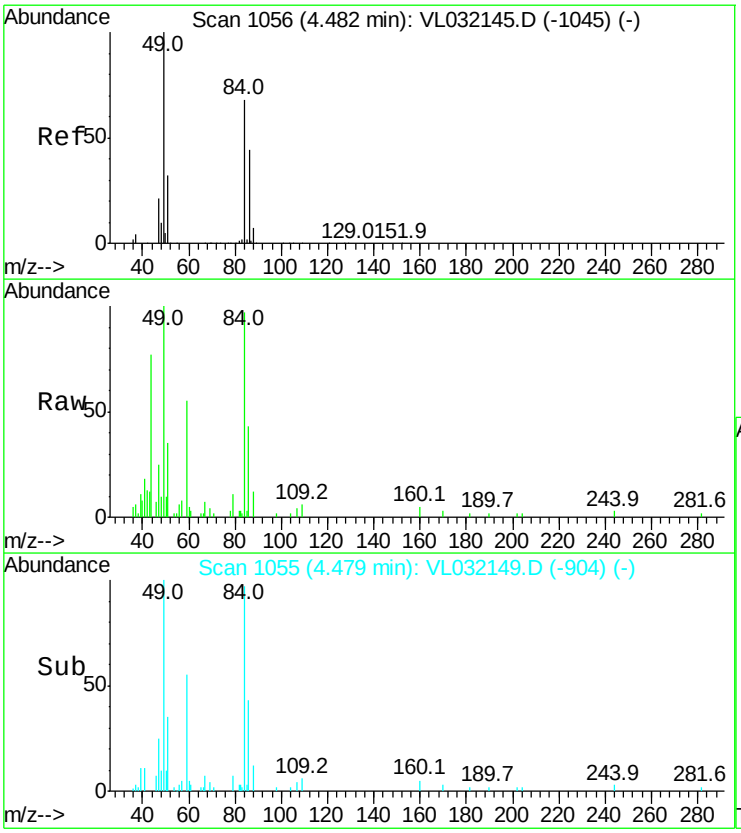
#18
1,1-Dichloroethene
Concen: 0.092 ppbv
RT: 4.43 min Scan# 1039
Delta R.T. -0.01 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 96 Resp: 7045

Ion	Ratio	Lower	Upper
96	100		
61	131.5	154.1	231.1#
98	32.1	50.3	75.5#

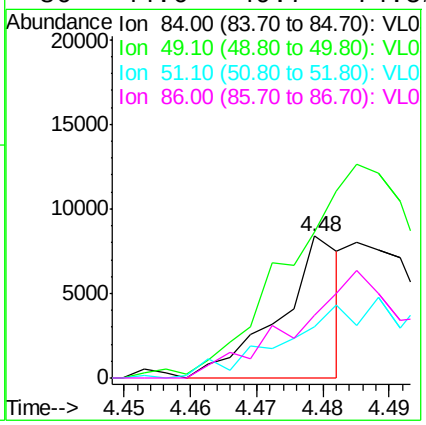


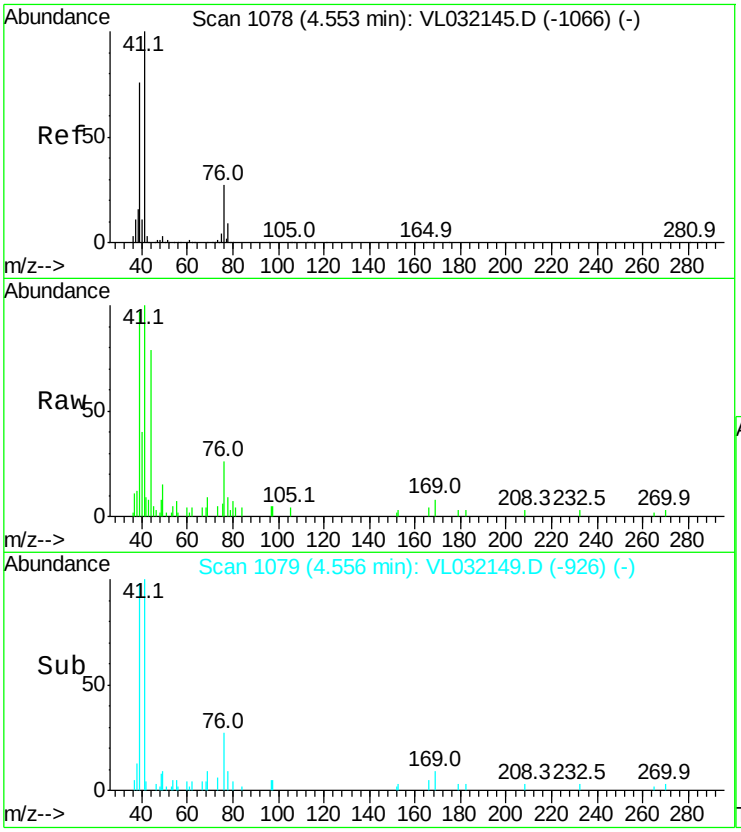


#20
Methylene Chloride
Concen: 0.071 ppbv
RT: 4.48 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Tgt Ion: 84 Resp: 5352

Ion	Ratio	Lower	Upper
84	100		
49	100.0	119.6	179.4#
51	34.1	36.3	54.5#
86	44.6	49.7	74.5#



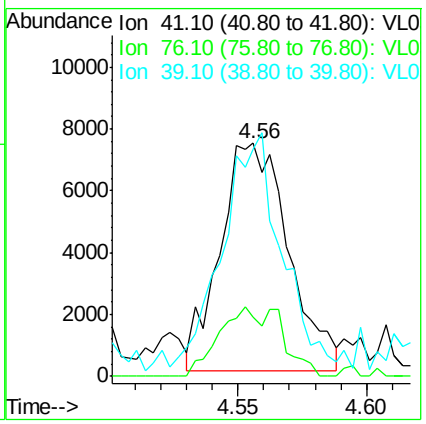


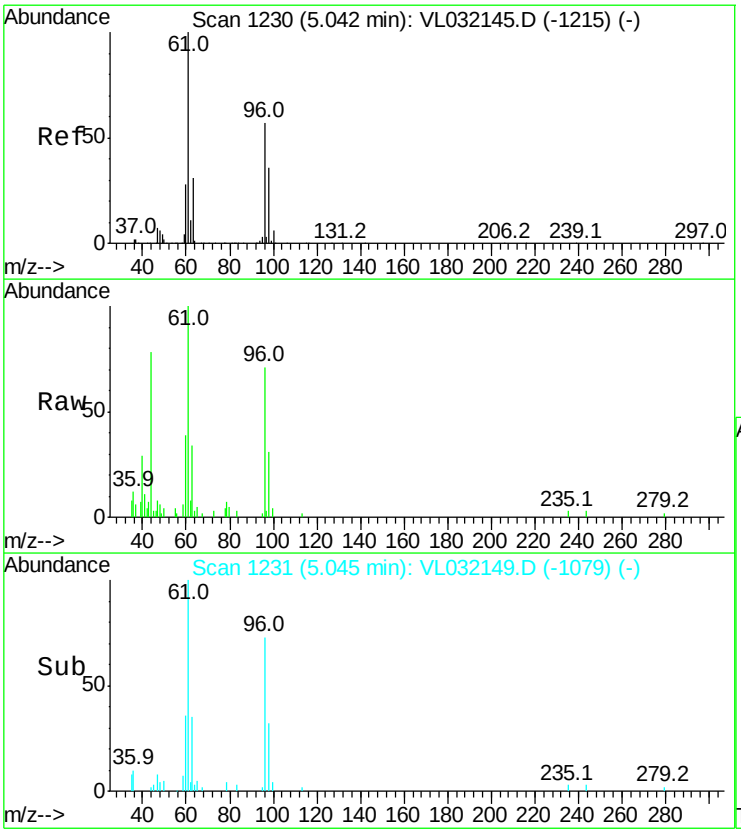
#21
Allyl Chloride
Concen: 0.099 ppbv
RT: 4.56 min Scan# 1079
Delta R.T. -0.01 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 41 Resp: 13555

Ion	Ratio	Lower	Upper
41	100		
76	29.3	22.5	33.7
39	98.4	60.5	90.7#

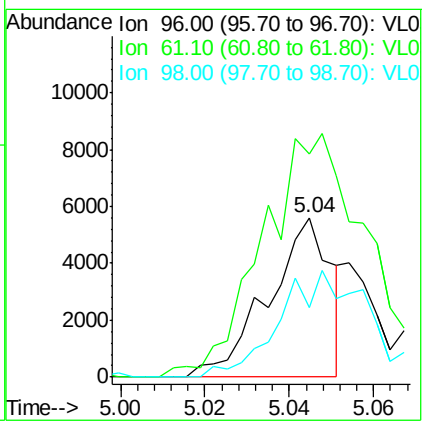


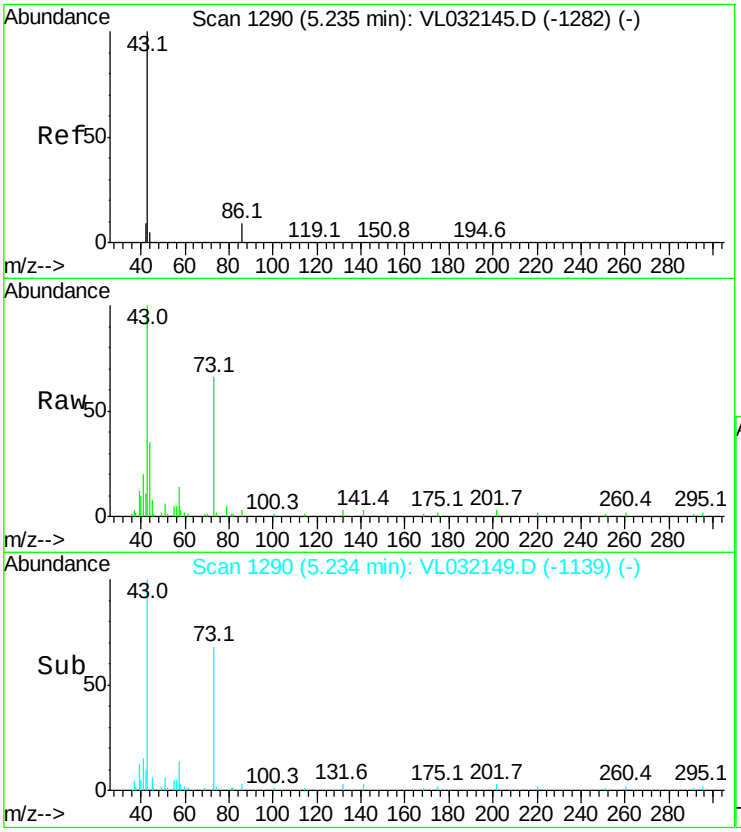


#22
trans-1,2-Dichloroethene
Concen: 0.074 ppbv
RT: 5.04 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Tgt Ion: 96 Resp: 5784

Ion	Ratio	Lower	Upper
96	100		
61	133.1	135.2	202.8#
98	43.5	49.7	74.5#



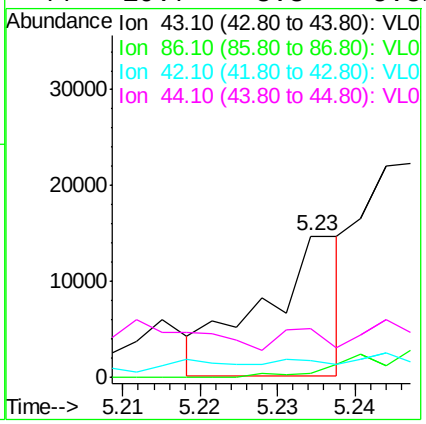


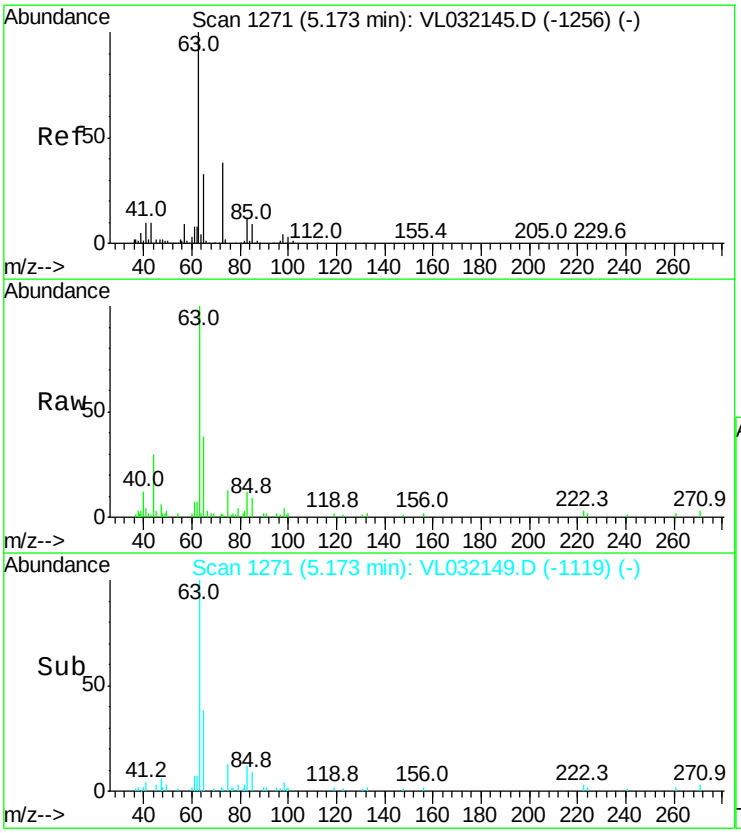
#23
Vinyl Acetate
Concen: 0.031 ppbv
RT: 5.23 min Scan# 1290
Delta R.T. -0.01 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 43 Resp: 10580

Ion	Ratio	Lower	Upper
43	100		
86	3.7	6.2	9.4#
42	3.6	6.9	10.3#
44	19.7	3.8	5.8#

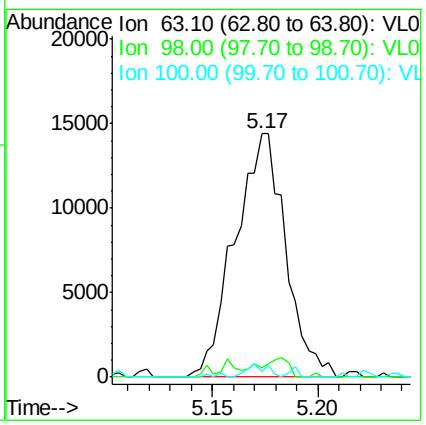


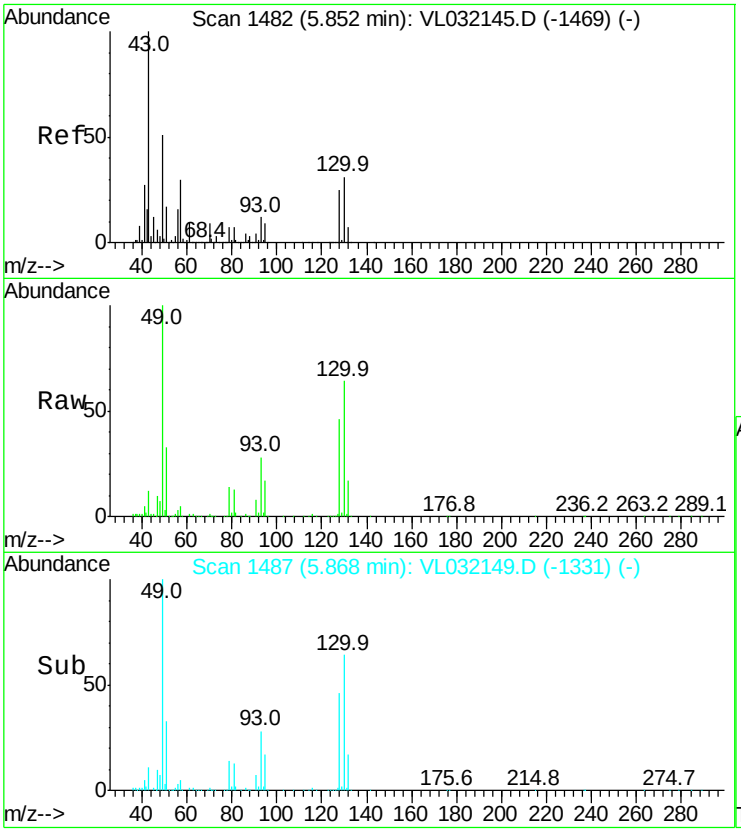


#24
1,1-Dichloroethane
Concen: 0.095 ppbv
RT: 5.17 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Tgt Ion: 63 Resp: 24062

Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.4	7.2
100	2.3	1.7	5.0



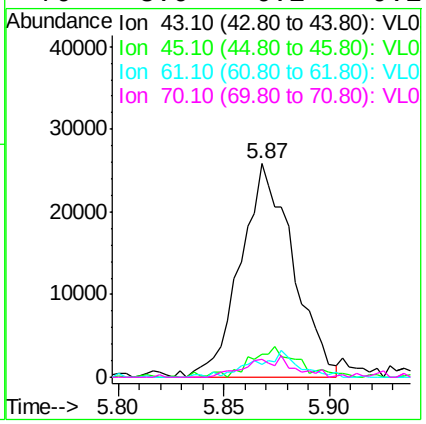


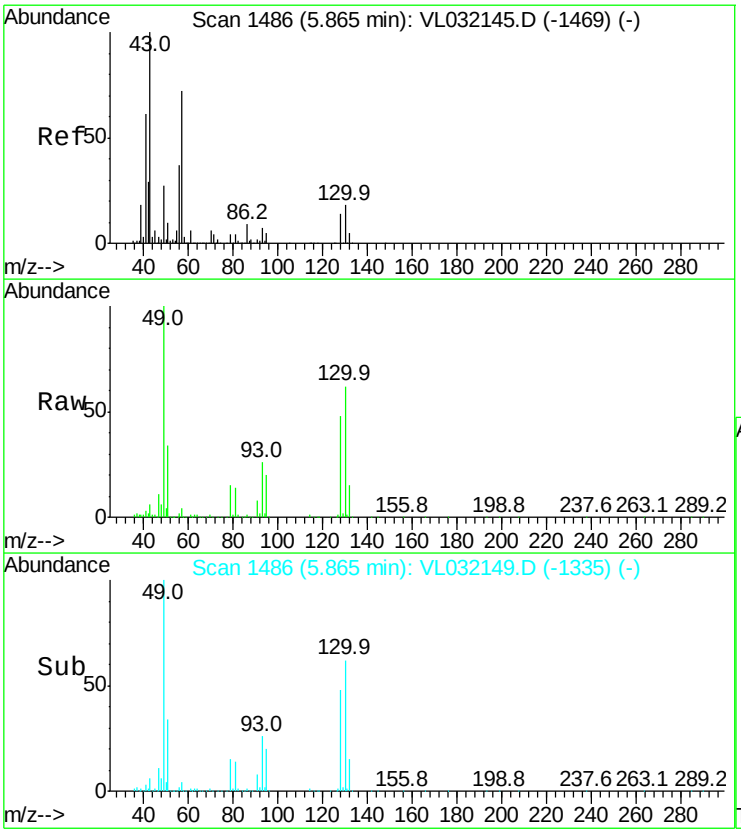
#25
Ethyl Acetate
Concen: 0.091 ppbv
RT: 5.87 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 43 Resp: 44439

Ion	Ratio	Lower	Upper
43	100		
45	13.7	7.8	11.8#
61	10.6	7.4	11.0
70	8.6	6.1	9.1

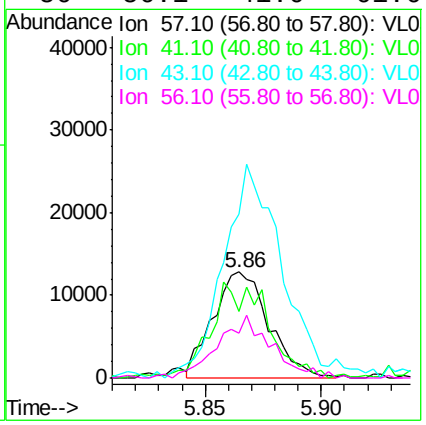


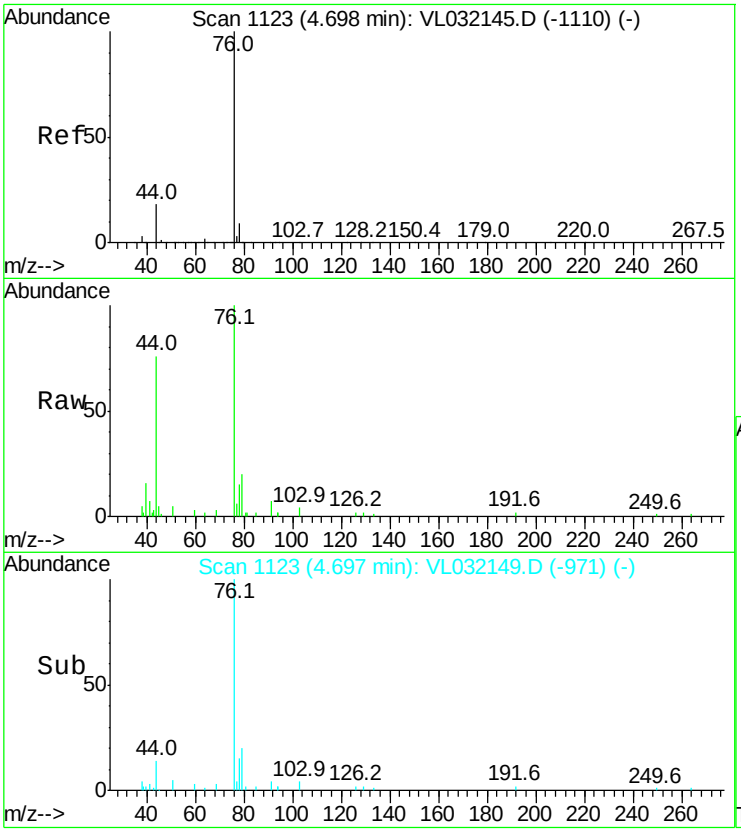


#26
Hexane
Concen: 0.100 ppbv
RT: 5.86 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Tgt Ion: 57 Resp: 21453

Ion	Ratio	Lower	Upper
57	100		
41	95.3	68.6	103.0
43	227.1	168.6	252.8
56	56.1	41.0	61.6



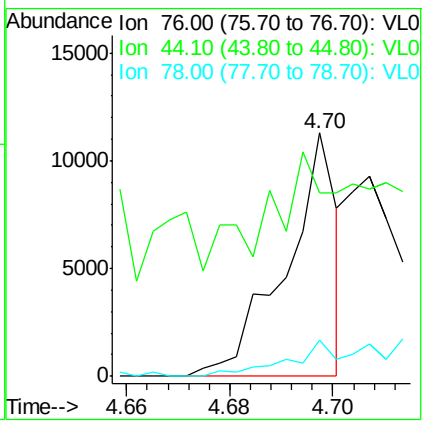


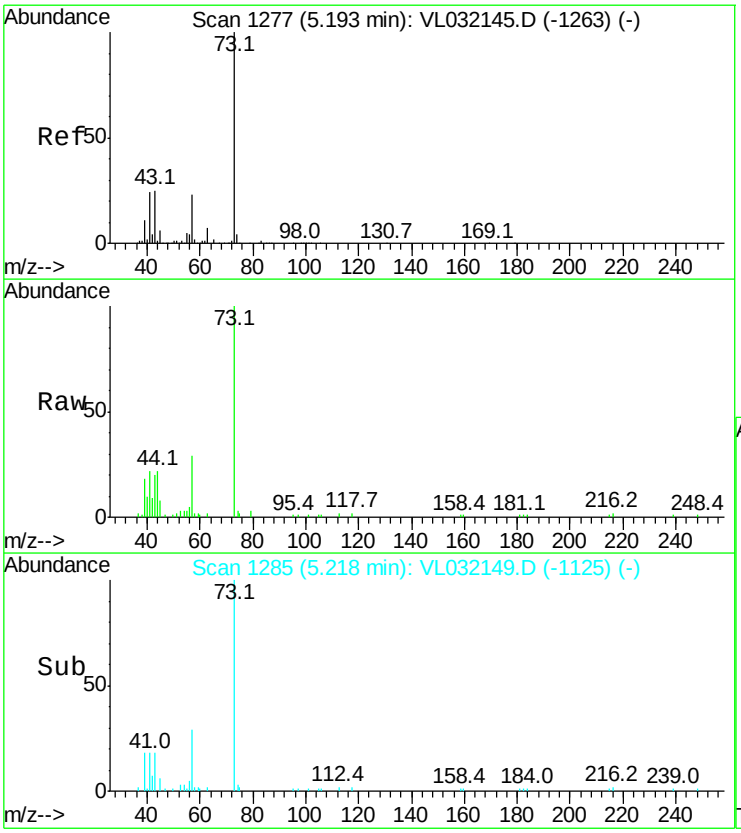
#27
Carbon Disulfide
Concen: 0.036 ppbv
RT: 4.70 min Scan# 1123
Delta R.T. -0.01 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 76 Resp: 7687

Ion	Ratio	Lower	Upper
76	100		
44	128.8	15.1	22.7#
78	0.0	7.2	10.8#

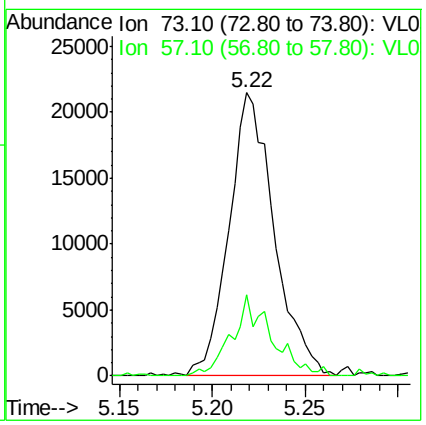


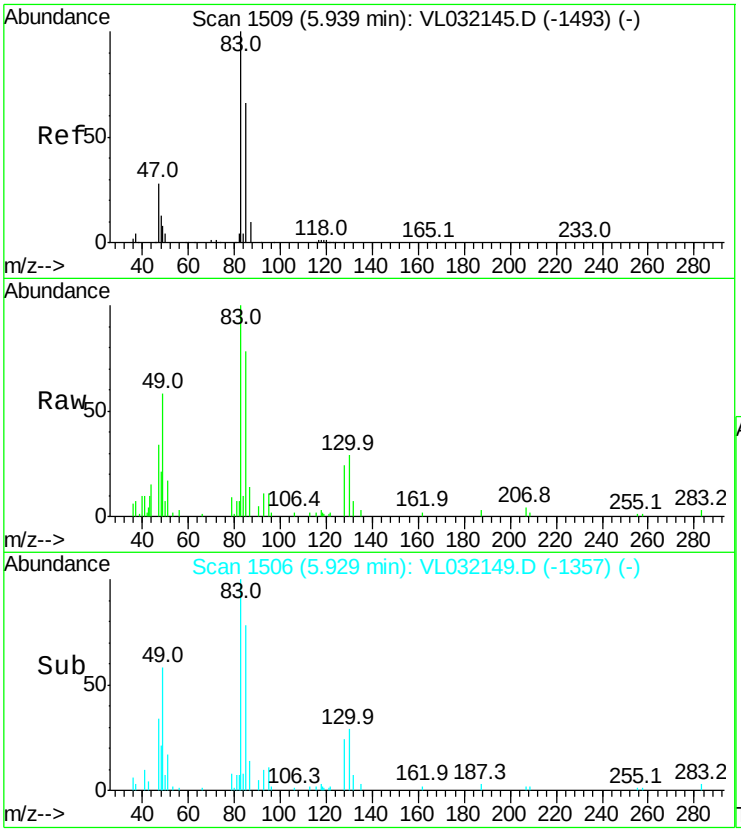


#28
Methyl tert-Butyl Ether
Concen: 0.133 ppbv
RT: 5.22 min Scan# 1285
Delta R.T. 0.02 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Tgt Ion: 73 Resp: 36372

Ion	Ratio	Lower	Upper
73	100		
57	25.0	18.6	27.8



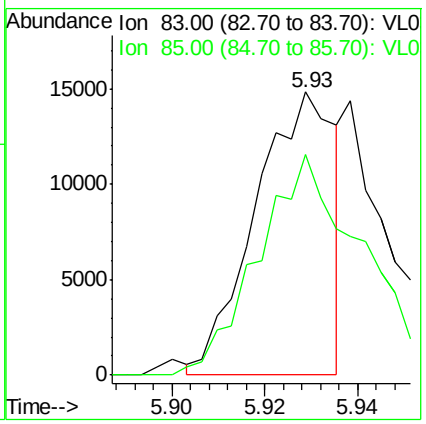


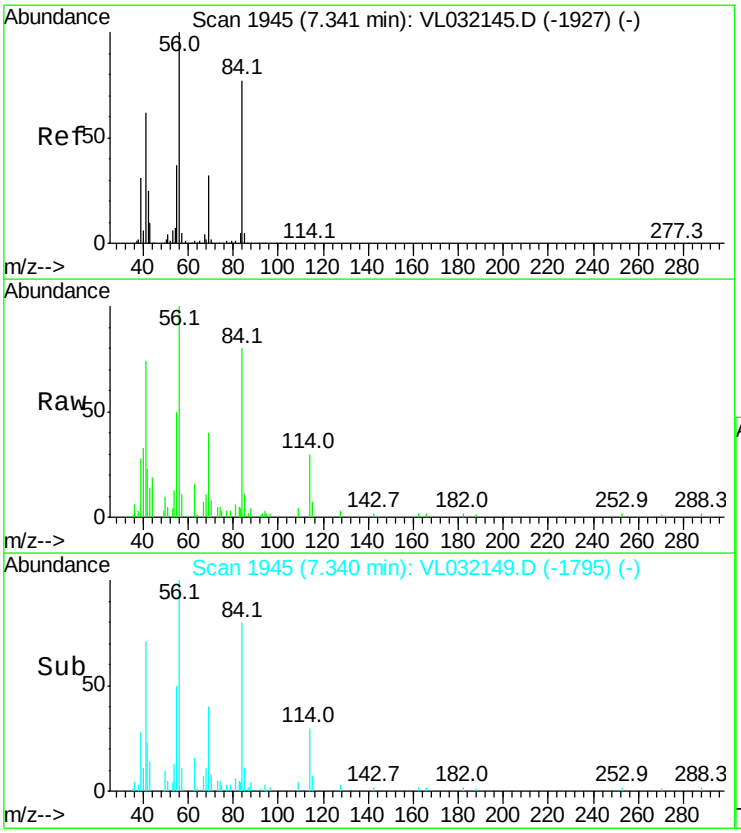
#29
Chloroform
Concen: 0.062 ppbv
RT: 5.93 min Scan# 1506
Delta R.T. -0.02 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 83 Resp: 17678

Ion	Ratio	Lower	Upper
83	100		
85	78.4	51.6	77.4#

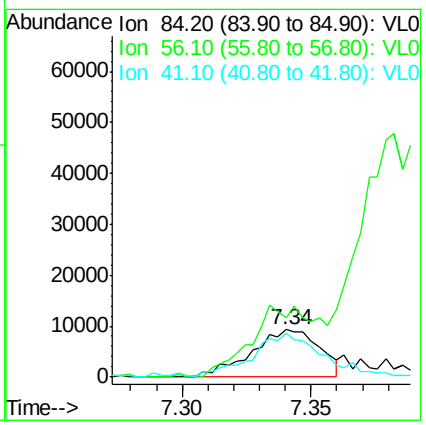


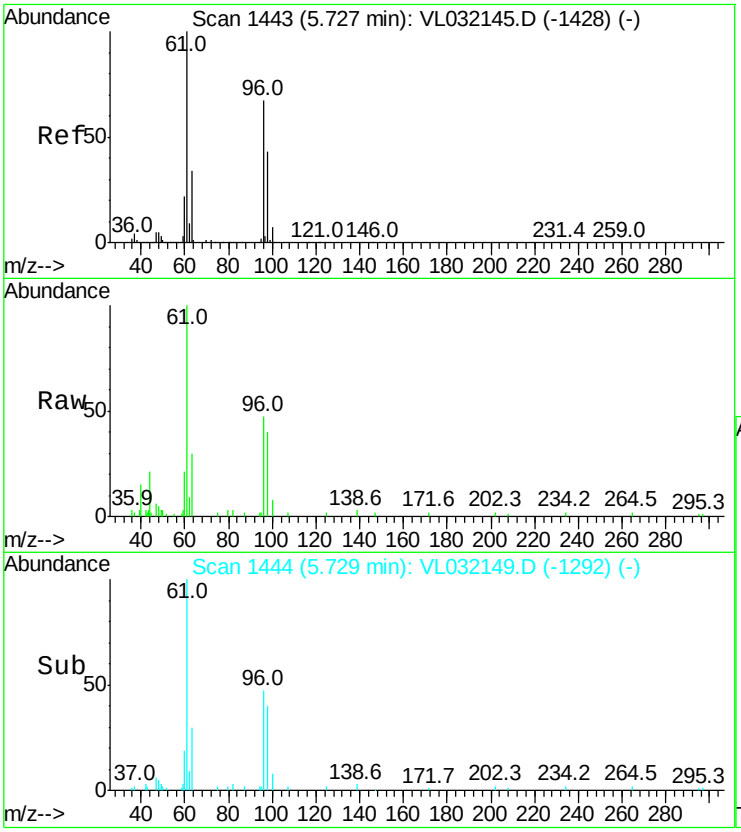


#30
Cyclohexane
Concen: 0.097 ppbv
RT: 7.34 min Scan# 1945
Delta R.T. -0.02 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Tgt Ion: 84 Resp: 17161

Ion	Ratio	Lower	Upper
84	100		
56	0.0	109.1	163.7#
41	104.5	64.6	96.8#



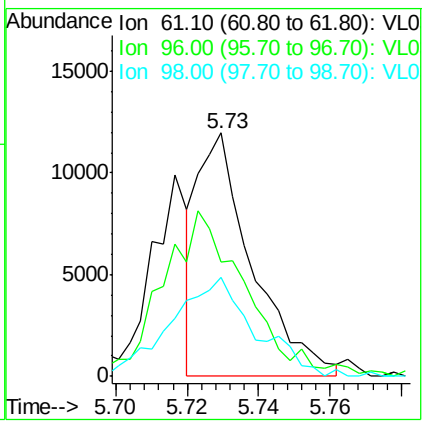


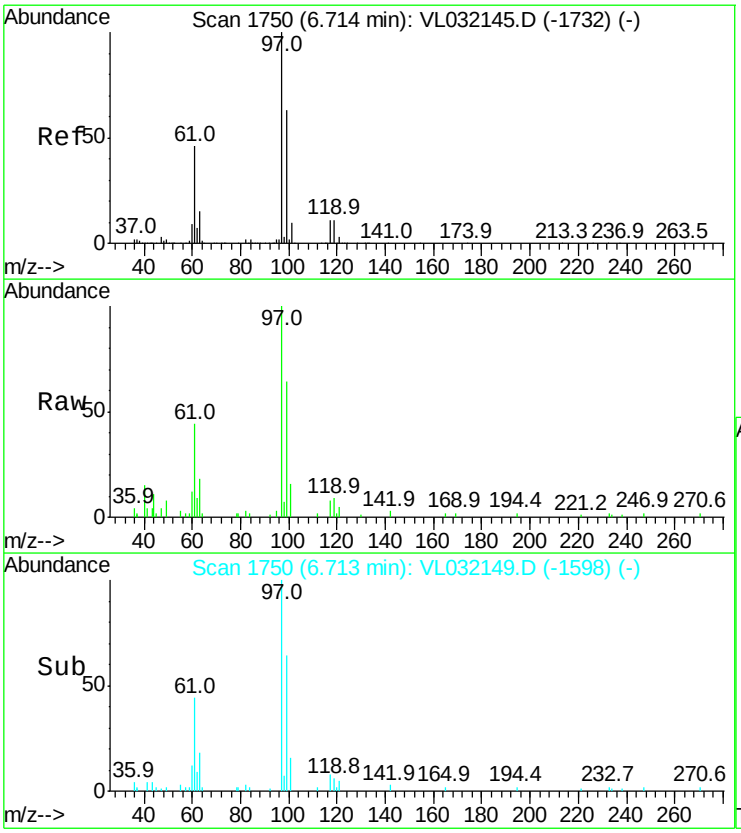
#31
cis-1,2-Dichloroethene
Concen: 0.066 ppbv
RT: 5.73 min Scan# 1444
Delta R.T. -0.01 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 61 Resp: 12699

Ion	Ratio	Lower	Upper
61	100		
96	44.5	54.2	81.4#
98	39.3	34.6	52.0

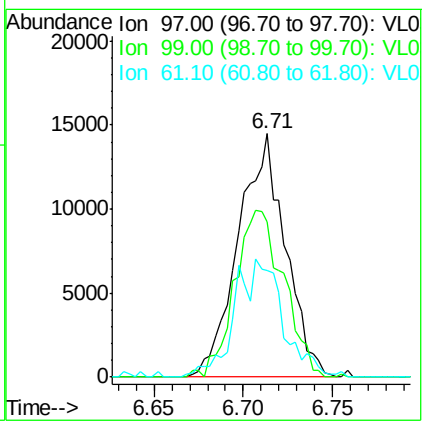


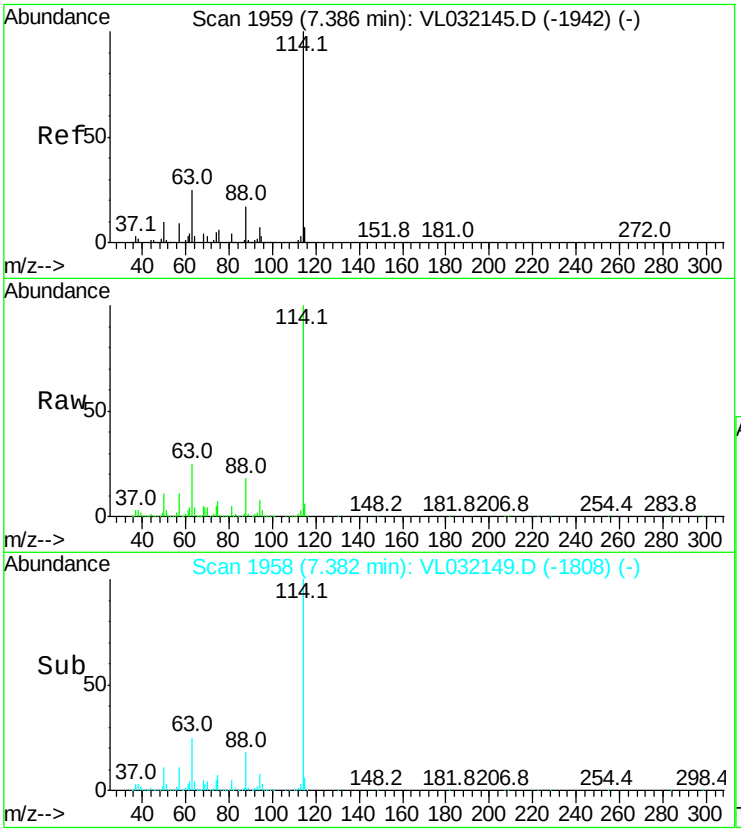


#32
1,1,1-Trichloroethane
Concen: 0.090 ppbv
RT: 6.71 min Scan# 1750
Delta R.T. -0.01 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Tgt Ion: 97 Resp: 26726

Ion	Ratio	Lower	Upper
97	100		
99	70.9	51.3	76.9
61	50.1	38.4	57.6



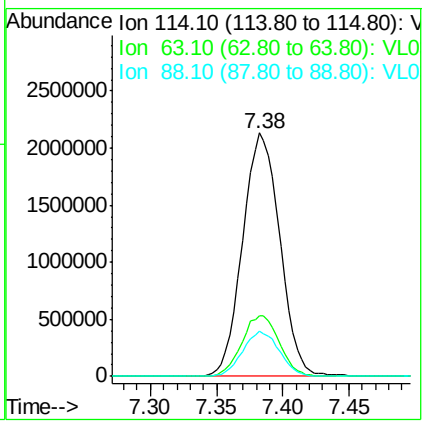


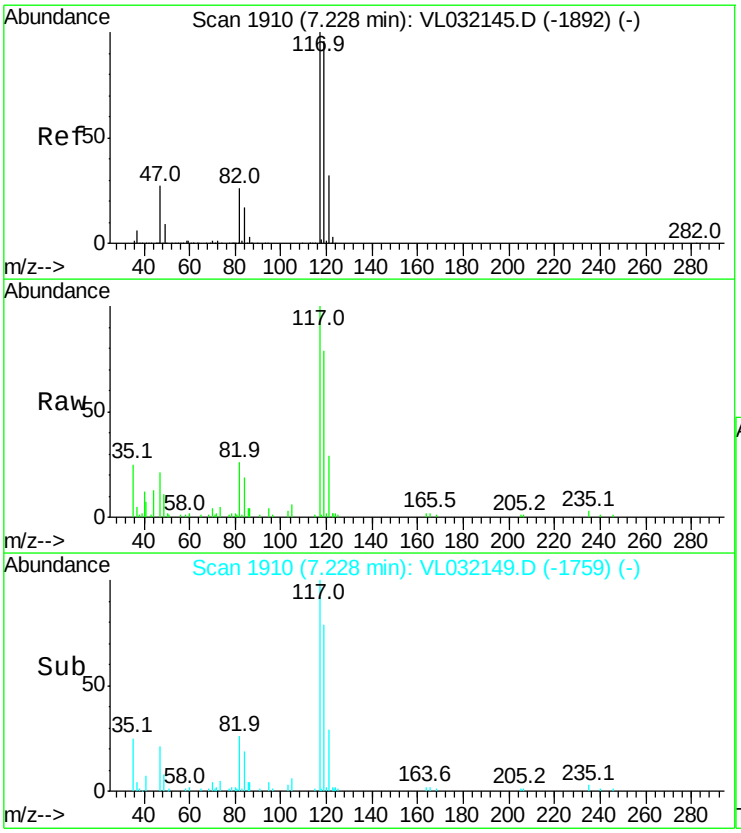
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.38 min Scan# 1958
Delta R.T. -0.02 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:114 Resp: 4171407

Ion	Ratio	Lower	Upper
114	100		
63	25.2	19.1	28.7
88	18.4	13.9	20.9

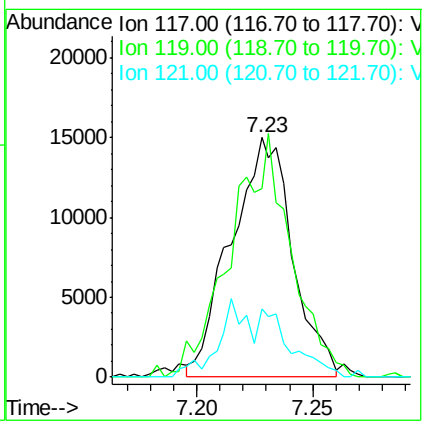


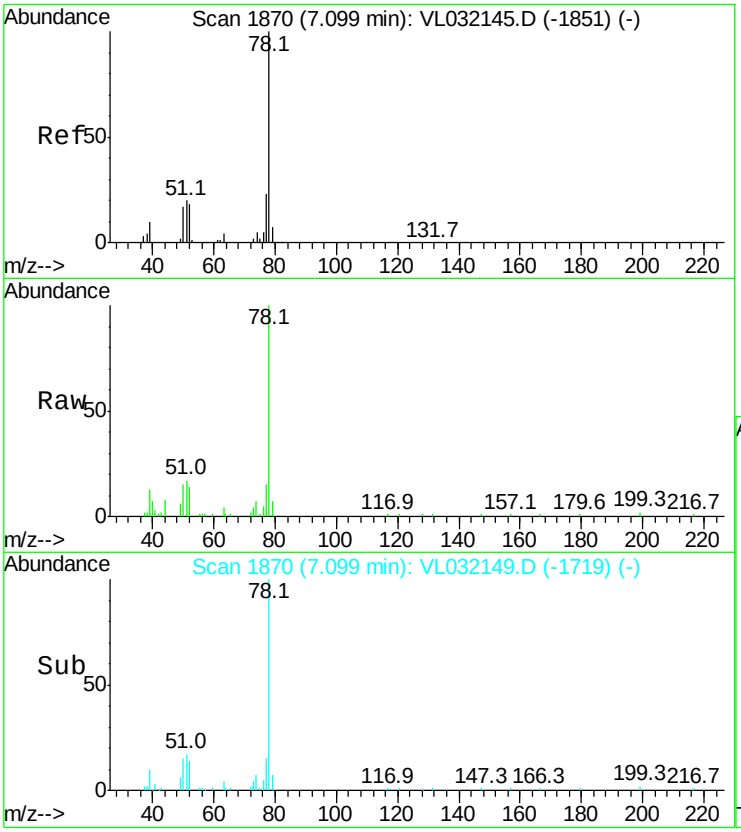


#35
Carbon Tetrachloride
Concen: 0.095 ppbv
RT: 7.23 min Scan# 1910
Delta R.T. -0.01 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Tgt Ion:117 Resp: 27628

Ion	Ratio	Lower	Upper
117	100		
119	74.2	74.8	112.2#
121	26.2	24.0	36.0



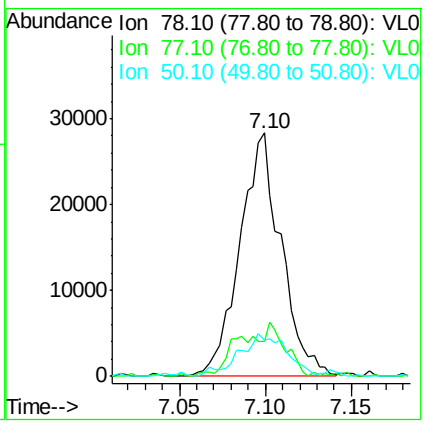


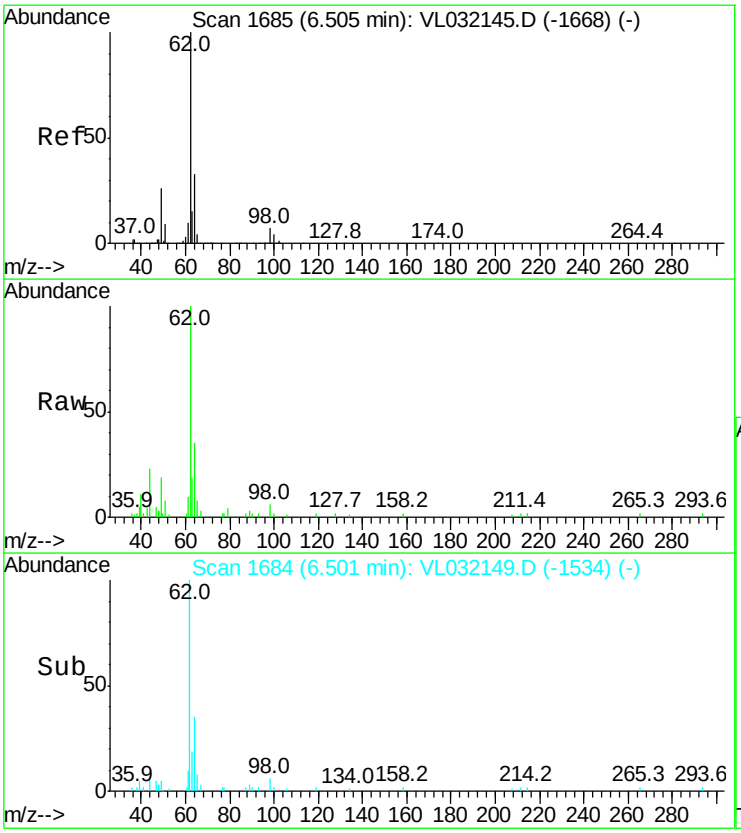
#36
Benzene
Concen: 0.104 ppbv
RT: 7.10 min Scan# 1870
Delta R.T. -0.01 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 78 Resp: 47158

Ion	Ratio	Lower	Upper
78	100		
77	14.6	17.7	26.5#
50	14.2	14.0	21.0

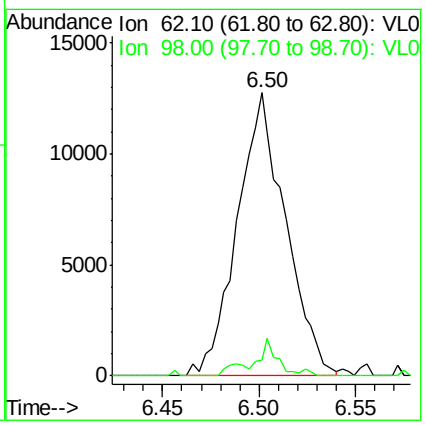


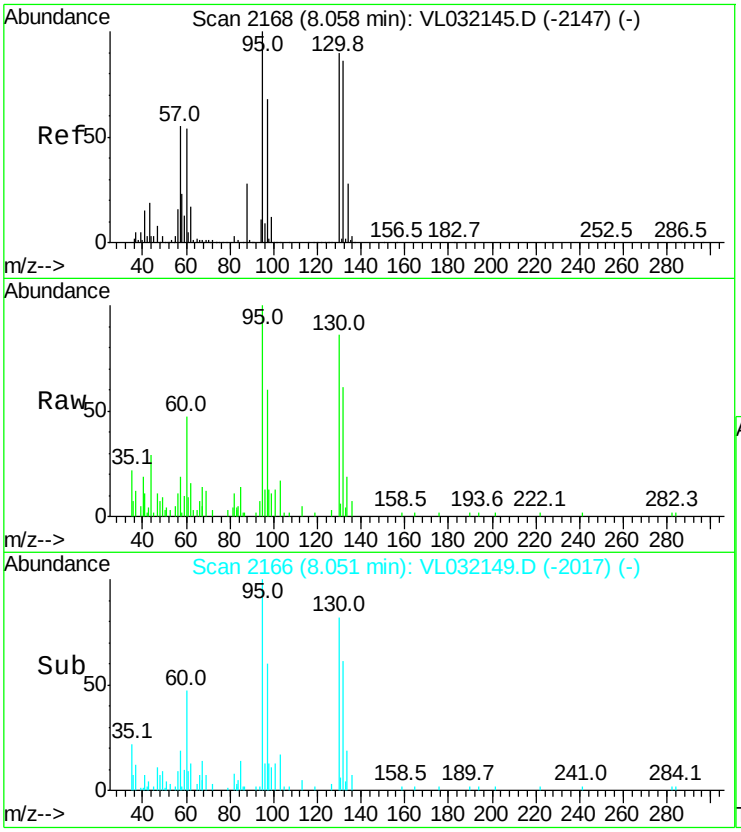


#37
1,2-Dichloroethane
Concen: 0.095 ppbv
RT: 6.50 min Scan# 1684
Delta R.T. -0.02 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Tgt Ion: 62 Resp: 22155

Ion	Ratio	Lower	Upper
62	100		
98	6.9	5.8	8.6



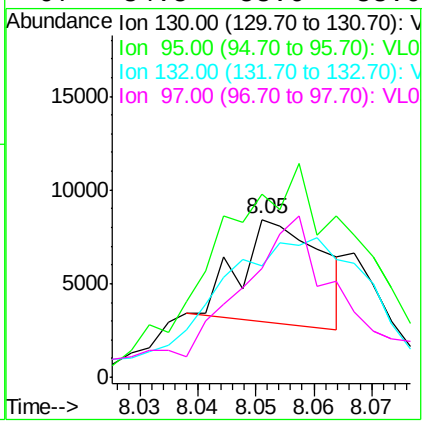


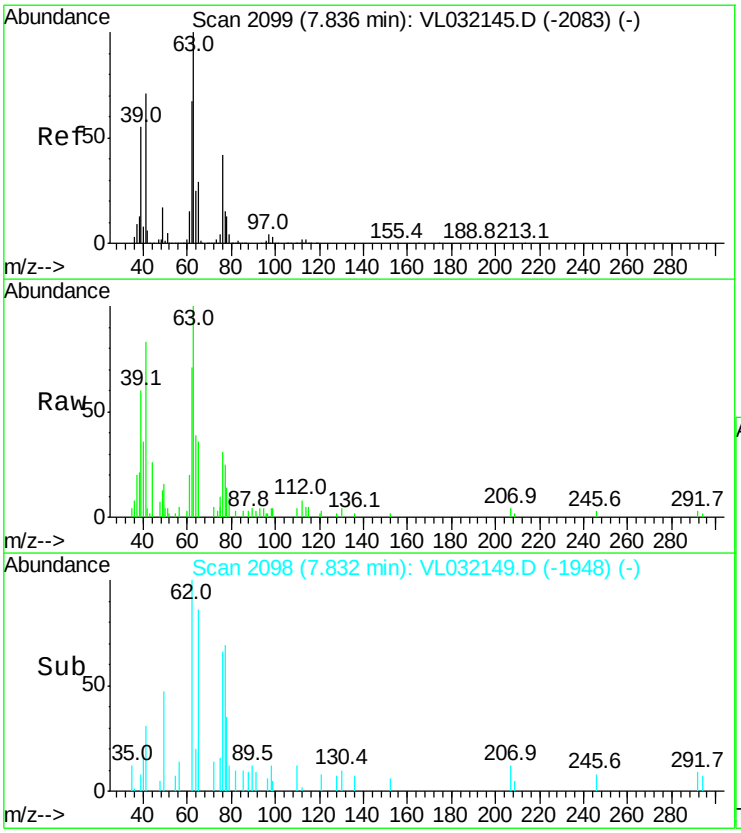
#38
Trichloroethene
Concen: 0.031 ppbv
RT: 8.05 min Scan# 2166
Delta R.T. -0.02 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:130 Resp: 5360

Ion	Ratio	Lower	Upper
130	100		
95	93.5	88.1	132.1
132	60.7	74.6	112.0#
97	84.5	58.6	88.0

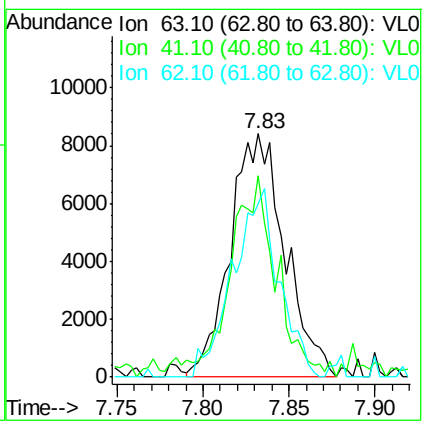


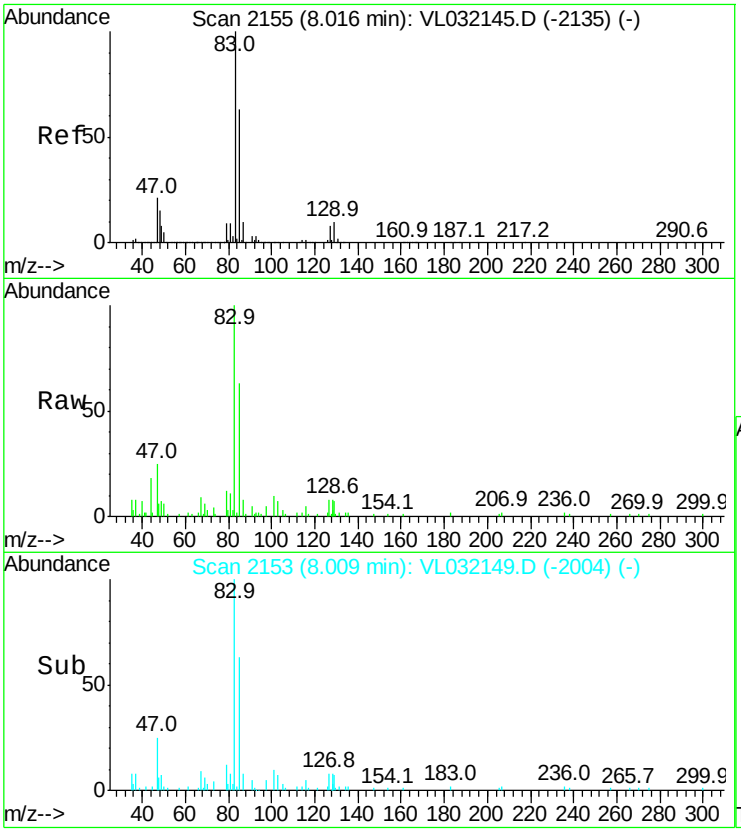


#39
1,2-Dichloropropane
Concen: 0.112 ppbv
RT: 7.83 min Scan# 2098
Delta R.T. -0.02 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Tgt Ion: 63 Resp: 18593

Ion	Ratio	Lower	Upper
63	100		
41	82.7	53.3	79.9#
62	71.3	54.8	82.2



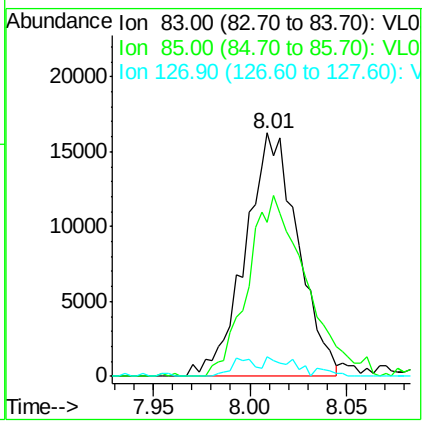


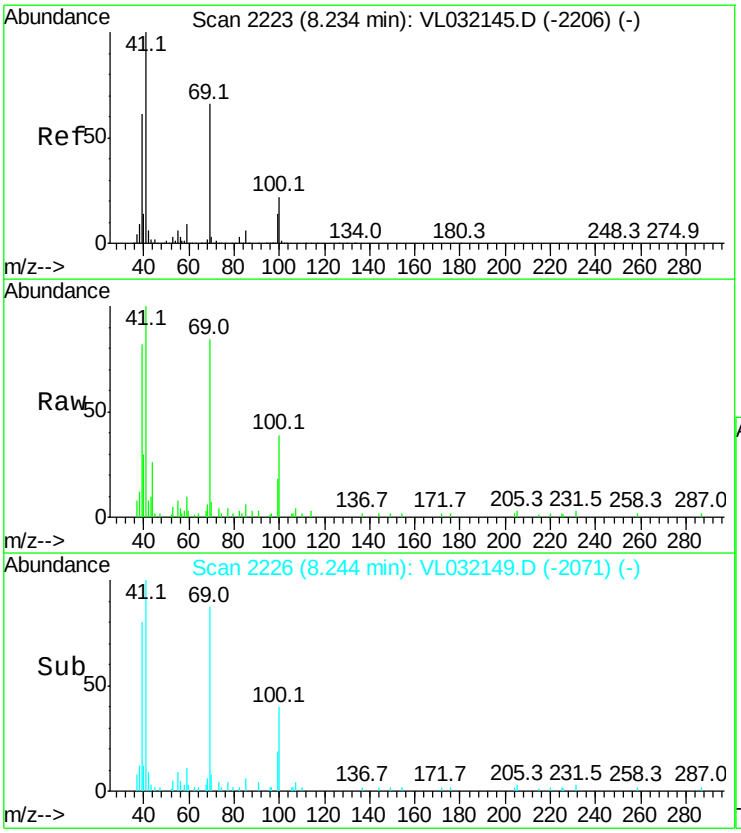
#42
Bromodichloromethane
Concen: 0.098 ppbv
RT: 8.01 min Scan# 2153
Delta R.T. -0.02 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 83 Resp: 30718

Ion	Ratio	Lower	Upper
83	100		
85	63.2	52.6	79.0
127	8.0	6.5	9.7

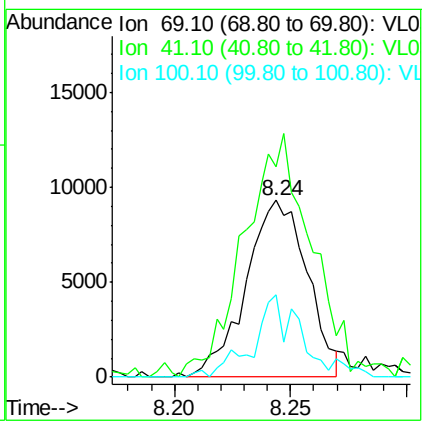


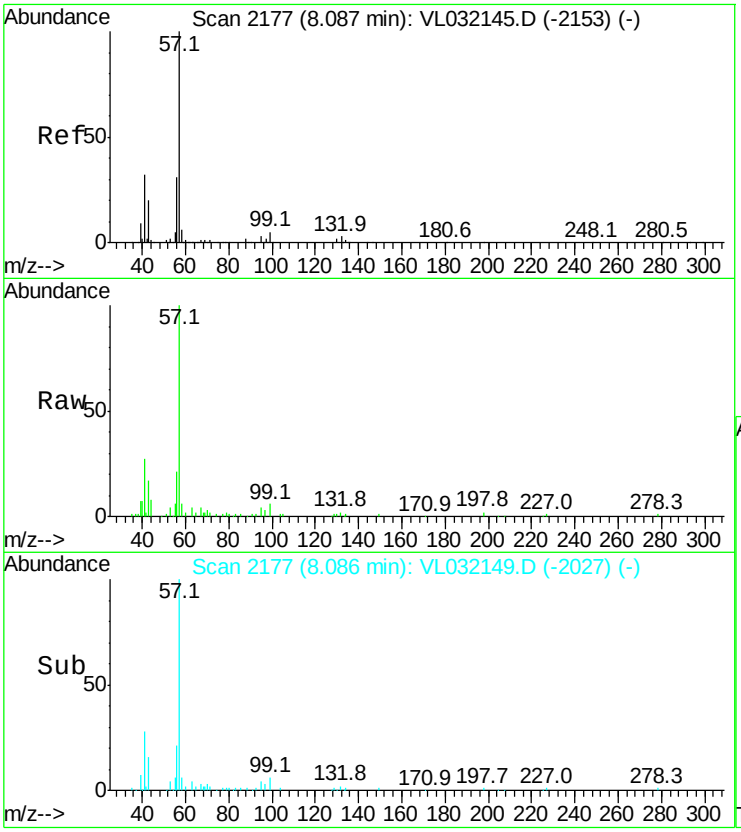


#43
Methyl Methacrylate
Concen: 0.095 ppbv
RT: 8.24 min Scan# 2226
Delta R.T. -0.00 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Tgt Ion: 69 Resp: 17084

Ion	Ratio	Lower	Upper
69	100		
41	153.8	118.2	177.4
100	36.9	27.4	41.2



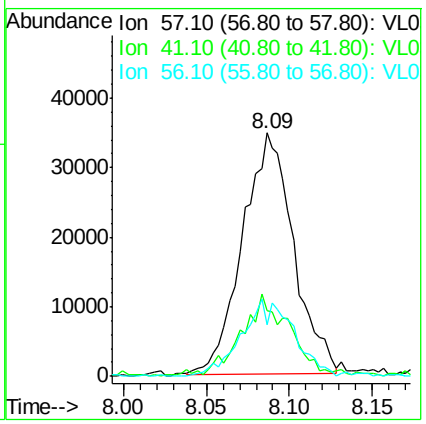


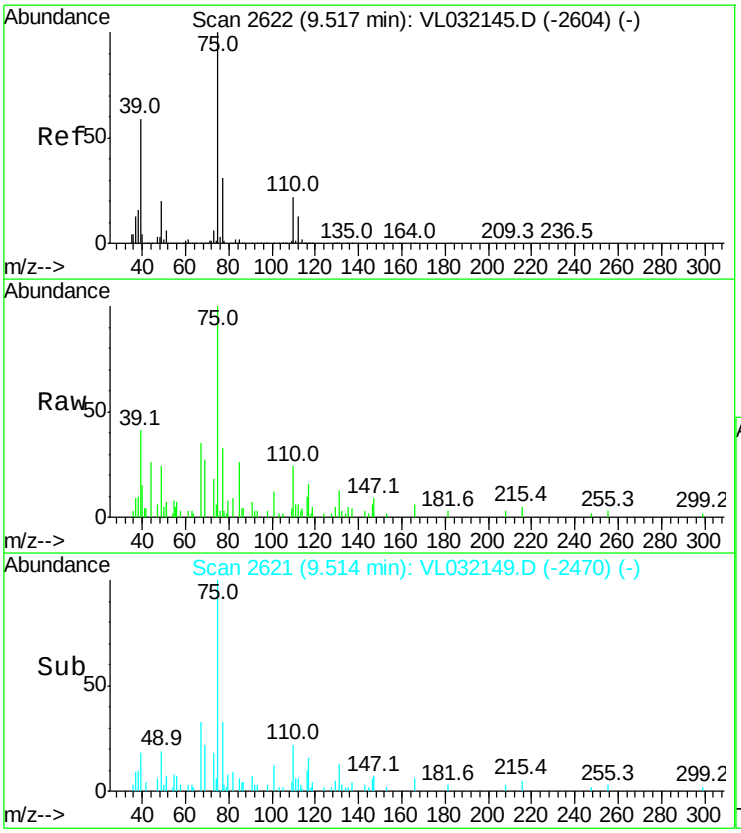
#44
2,2,4-Trimethylpentane
Concen: 0.099 ppbv
RT: 8.09 min Scan# 2177
Delta R.T. -0.02 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 57 Resp: 73810

Ion	Ratio	Lower	Upper
57	100		
41	32.6	24.3	36.5
56	33.4	25.1	37.7

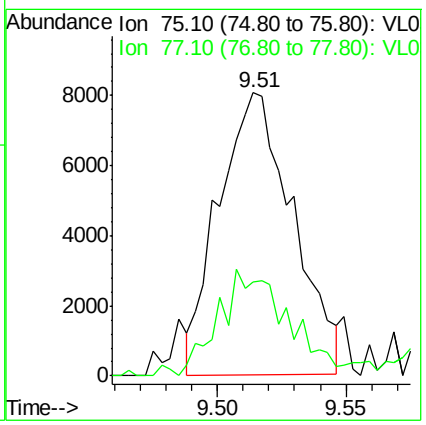


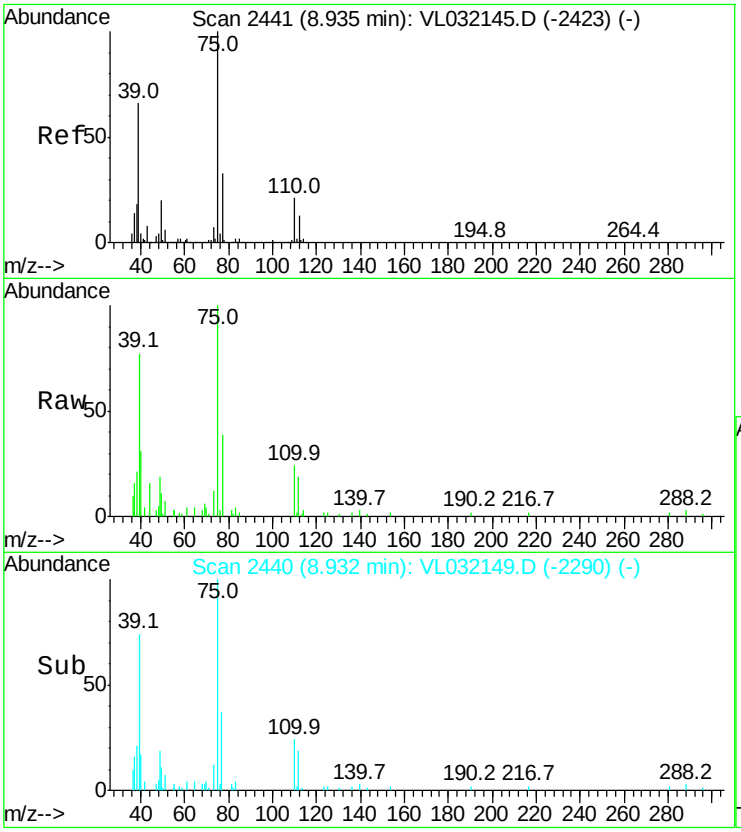


#45
t-1,3-Dichloropropene
Concen: 0.073 ppbv
RT: 9.51 min Scan# 2621
Delta R.T. -0.01 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Tgt Ion: 75 Resp: 16082

Ion	Ratio	Lower	Upper
75	100		
77	33.2	25.6	38.4



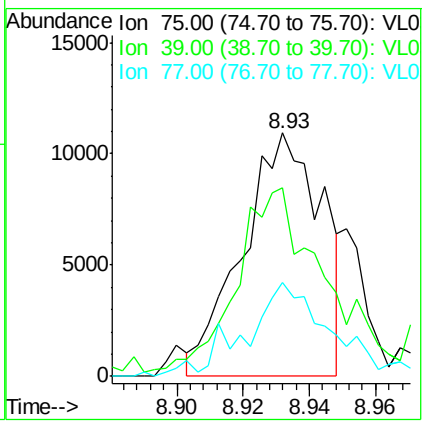


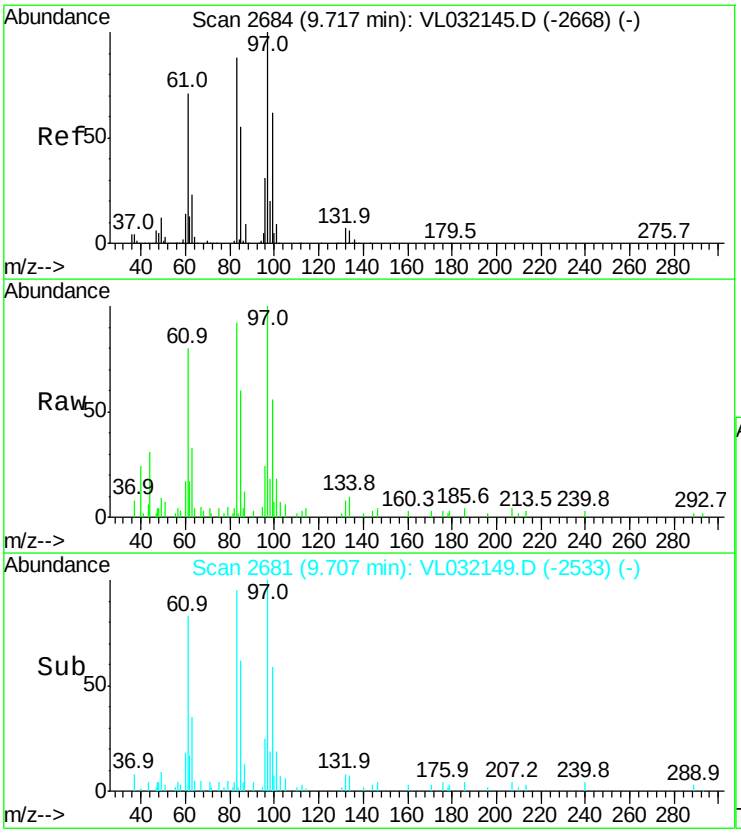
#46
cis-1,3-Dichloropropene
Concen: 0.064 ppbv
RT: 8.93 min Scan# 2440
Delta R.T. -0.02 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 75 Resp: 18216

Ion	Ratio	Lower	Upper
75	100		
39	77.9	51.9	77.9#
77	35.6	24.3	36.5

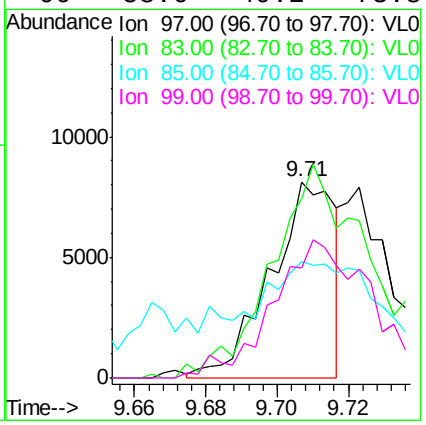


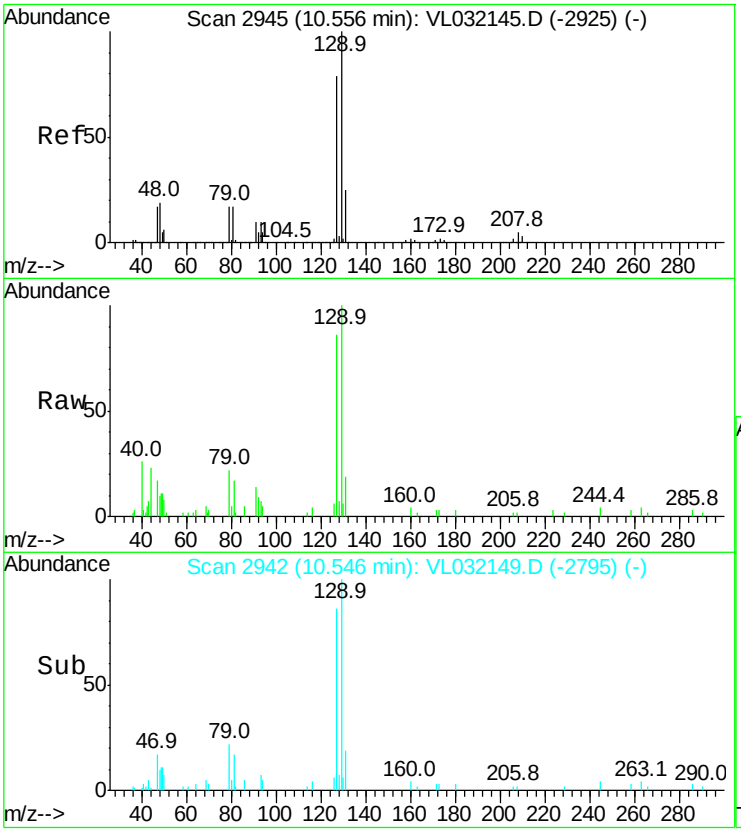


#47
1,1,2-Trichloroethane
Concen: 0.054 ppbv
RT: 9.71 min Scan# 2681
Delta R.T. -0.02 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Tgt Ion: 97 Resp: 10122

Ion	Ratio	Lower	Upper
97	100		
83	92.3	71.0	106.4
85	31.4	44.2	66.4#
99	58.6	49.2	73.8



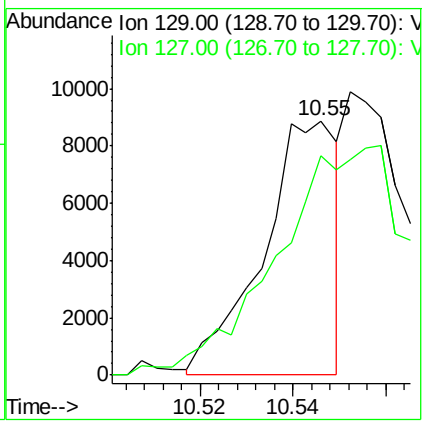


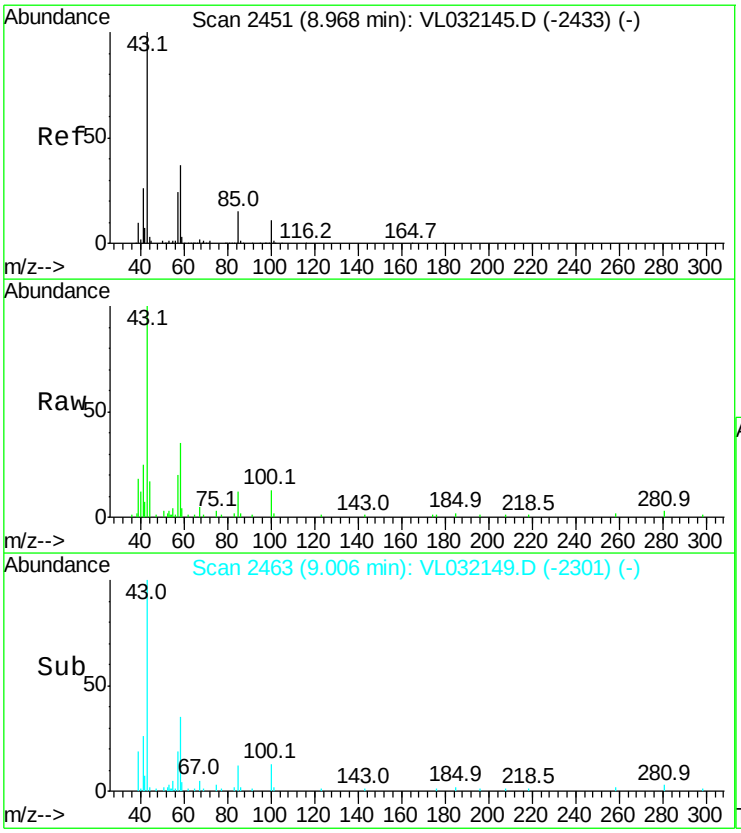
#48
Dibromochloromethane
Concen: 0.035 ppbv
RT: 10.55 min Scan# 2942
Delta R.T. -0.03 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:129 Resp: 9920

Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.1	117.5#

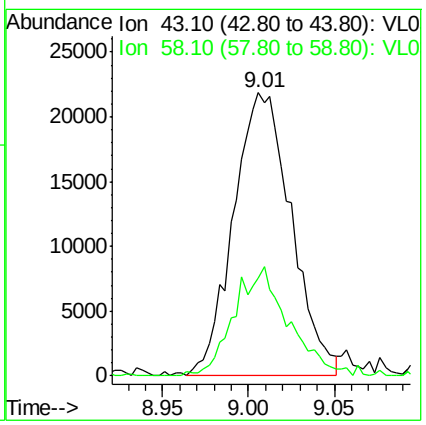


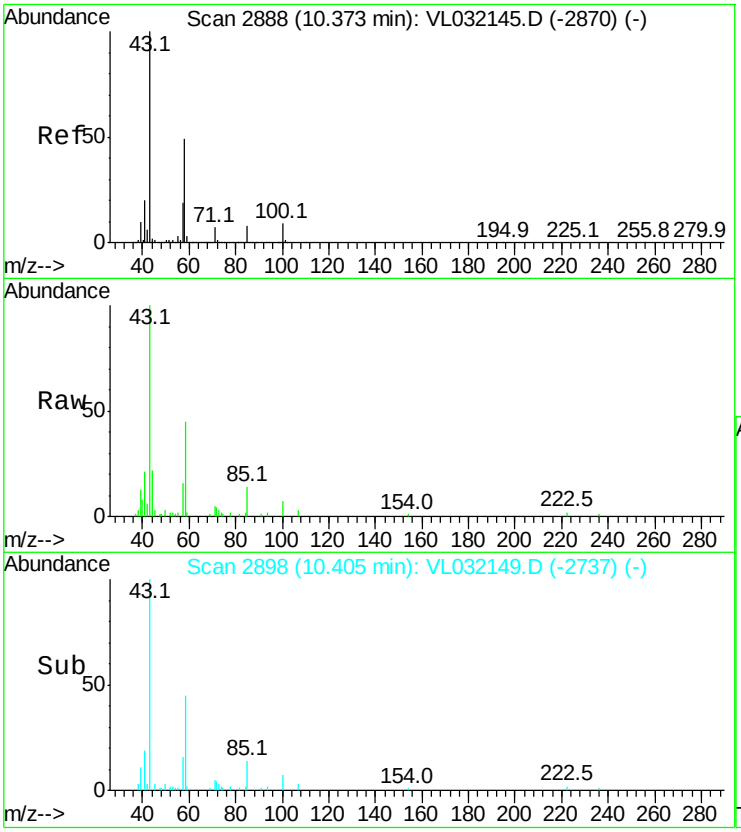


#50
4-Methyl-2-Pentanone
Concen: 0.097 ppbv
RT: 9.01 min Scan# 2463
Delta R.T. 0.02 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Tgt Ion: 43 Resp: 51181

Ion	Ratio	Lower	Upper
43	100		
58	36.6	29.8	44.6



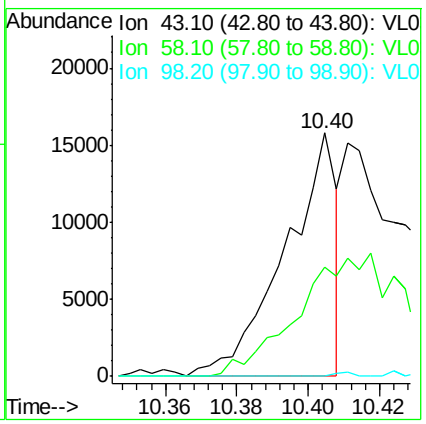


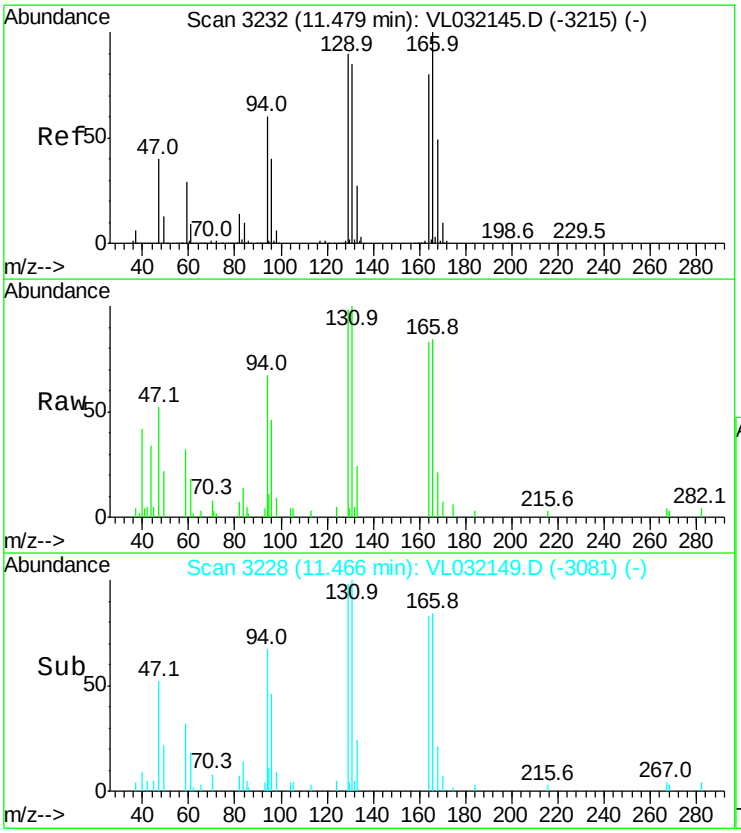
#51
2-Hexanone
Concen: 0.030 ppbv
RT: 10.40 min Scan# 2898
Delta R.T. 0.02 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 43 Resp: 15850

Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.6	60.8#
98	0.0	0.1	0.1#

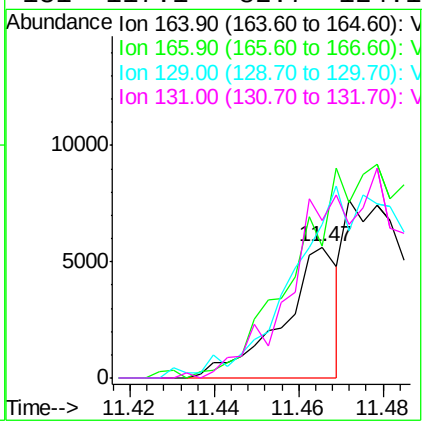


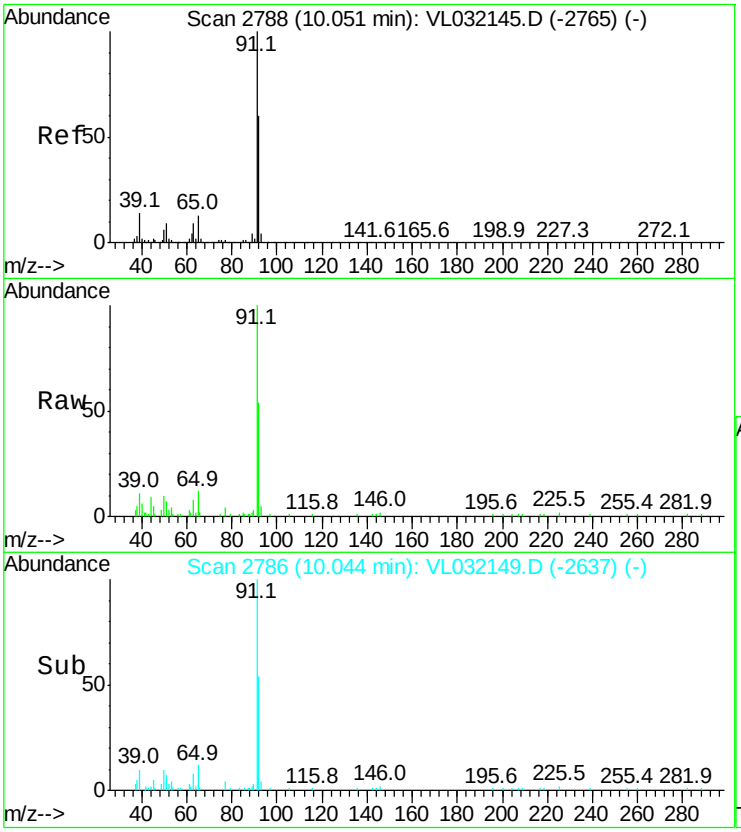


#52
Tetrachloroethene
Concen: 0.031 ppbv
RT: 11.47 min Scan# 3228
Delta R.T. -0.03 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Tgt Ion:164 Resp: 5109

Ion	Ratio	Lower	Upper
164	100		
166	101.0	100.6	151.0
129	114.2	84.0	126.0
131	117.1	82.7	124.1



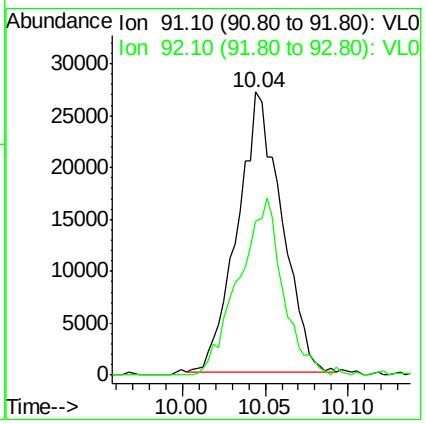


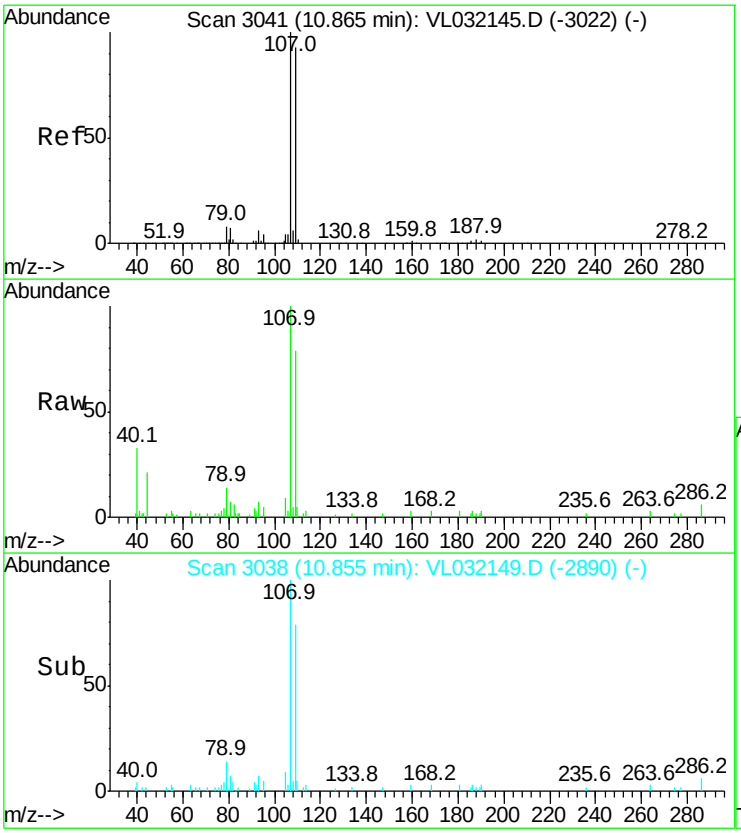
#53
Toluene
Concen: 0.091 ppbv
RT: 10.04 min Scan# 2786
Delta R.T. -0.02 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 91 Resp: 49793

Ion	Ratio	Lower	Upper
91	100		
92	63.6	49.2	73.8

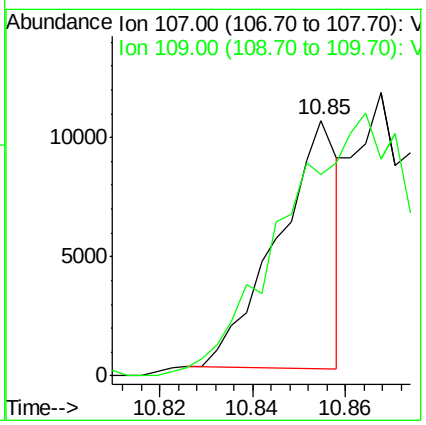


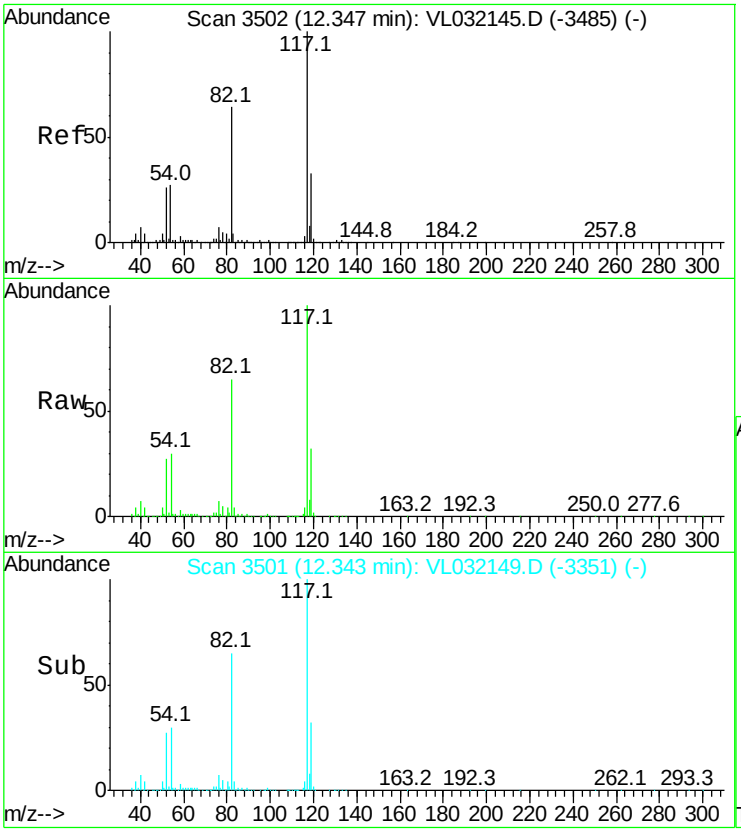


#54
1,2-Dibromoethane
Concen: 0.034 ppbv
RT: 10.85 min Scan# 3038
Delta R.T. -0.02 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Tgt Ion:107 Resp: 9437

Ion	Ratio	Lower	Upper
107	100		
109	78.6	75.0	112.4



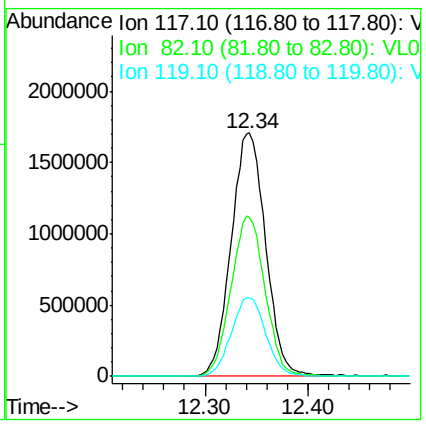


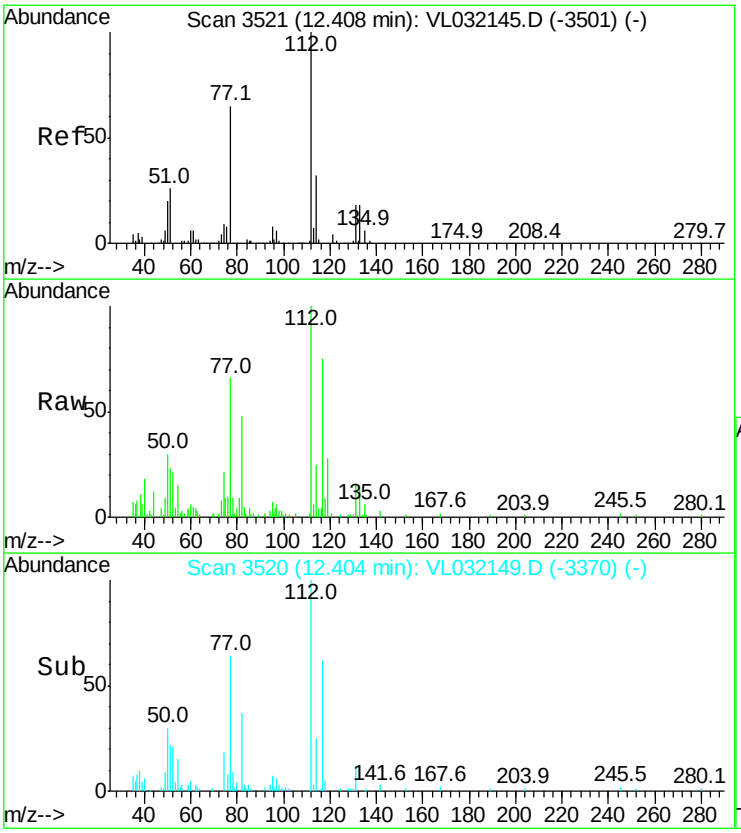
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.34 min Scan# 3501
Delta R.T. -0.02 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:117 Resp: 3972465

Ion	Ratio	Lower	Upper
117	100		
82	65.6	47.8	71.8
119	32.6	43.3	64.9#

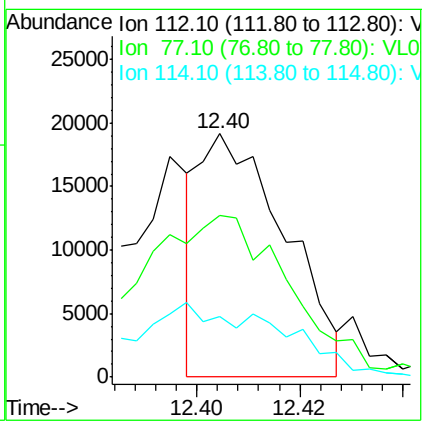


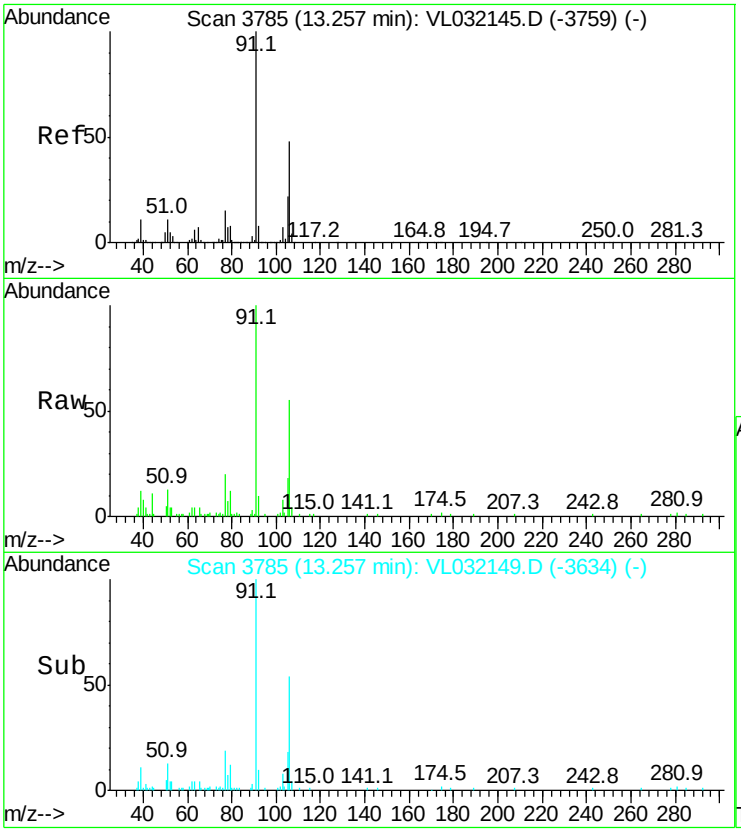


#57
Chlorobenzene
Concen: 0.058 ppbv
RT: 12.40 min Scan# 3520
Delta R.T. -0.02 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Tgt Ion:112 Resp: 22000

Ion	Ratio	Lower	Upper
112	100		
77	63.2	52.6	78.8
114	17.6	27.9	34.1#



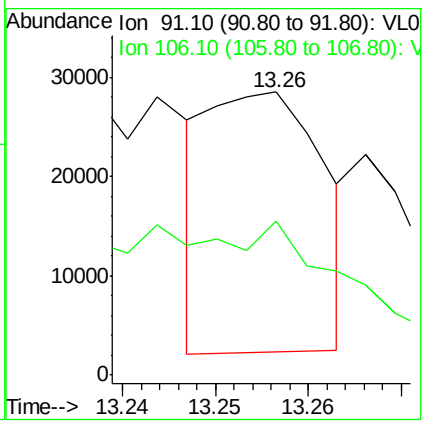


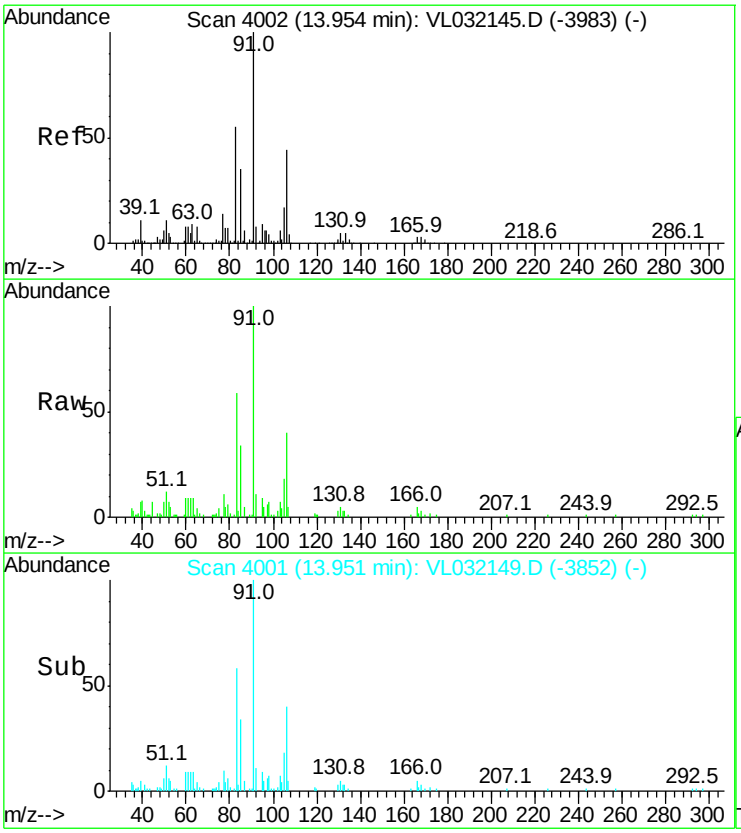
#59
m/p-Xylene
Concen: 0.041 ppbv
RT: 13.26 min Scan# 3785
Delta R.T. -0.01 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 91 Resp: 22399

Ion	Ratio	Lower	Upper
91	100		
106	240.1	38.6	58.0#

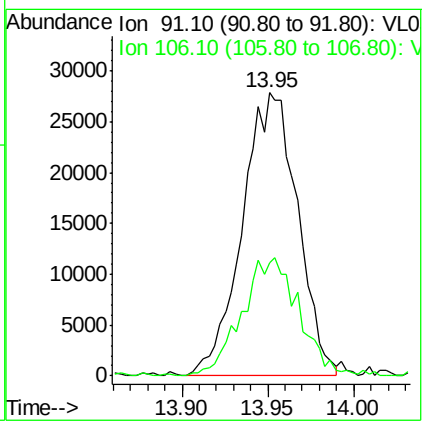


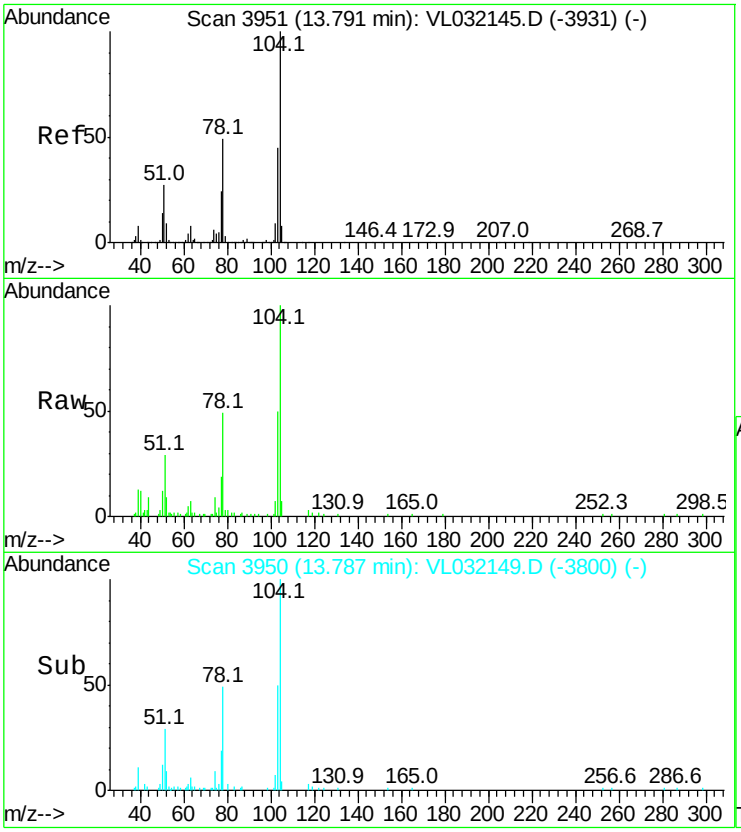


#60
o-Xylene
Concen: 0.114 ppbv
RT: 13.95 min Scan# 4001
Delta R.T. -0.02 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Tgt Ion: 91 Resp: 62173

Ion	Ratio	Lower	Upper
91	100		
106	43.5	23.3	69.8



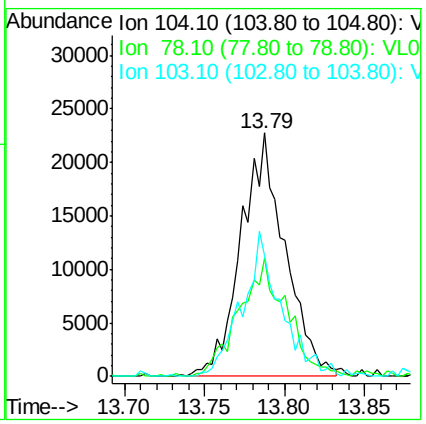


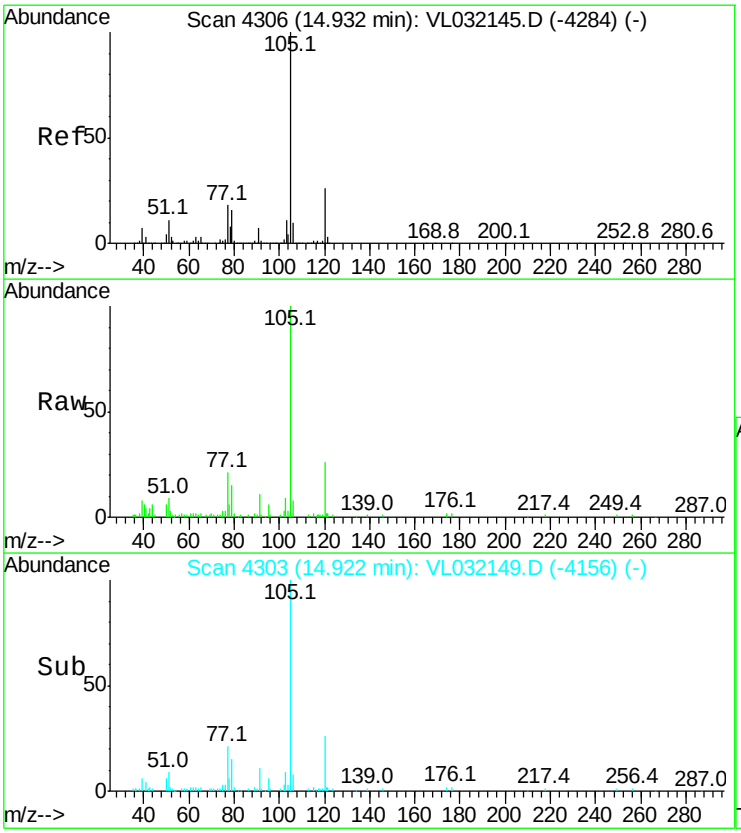
#61
Styrene
Concen: 0.263 ppbv
RT: 13.79 min Scan# 3950
Delta R.T. -0.02 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:104 Resp: 42723

Ion	Ratio	Lower	Upper
104	100		
78	53.8	37.9	56.9
103	53.0	36.6	55.0

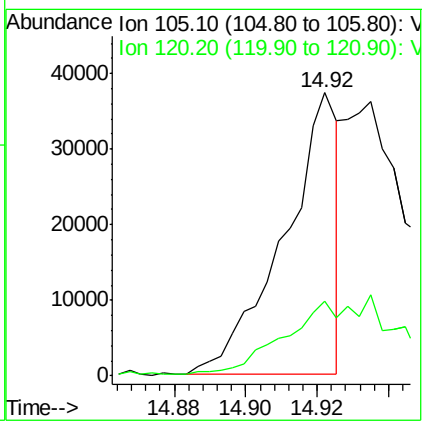


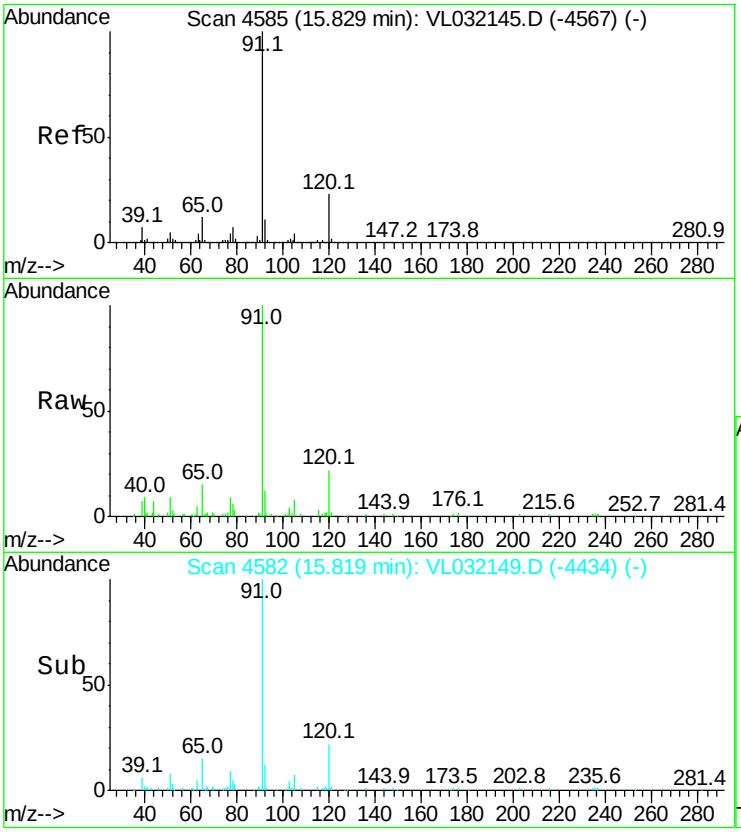


#62
Isopropylbenzene
Concen: 0.054 ppbv
RT: 14.92 min Scan# 4303
Delta R.T. -0.03 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Tgt Ion:105 Resp: 39060

Ion	Ratio	Lower	Upper
105	100		
120	0.0	21.0	31.4#



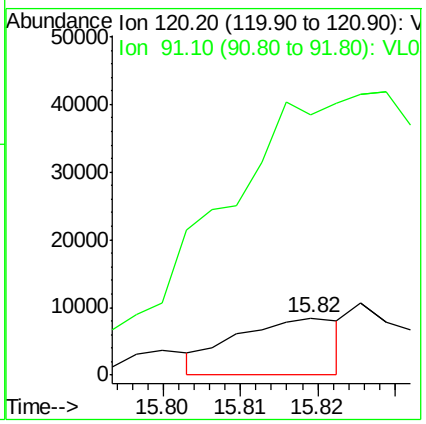


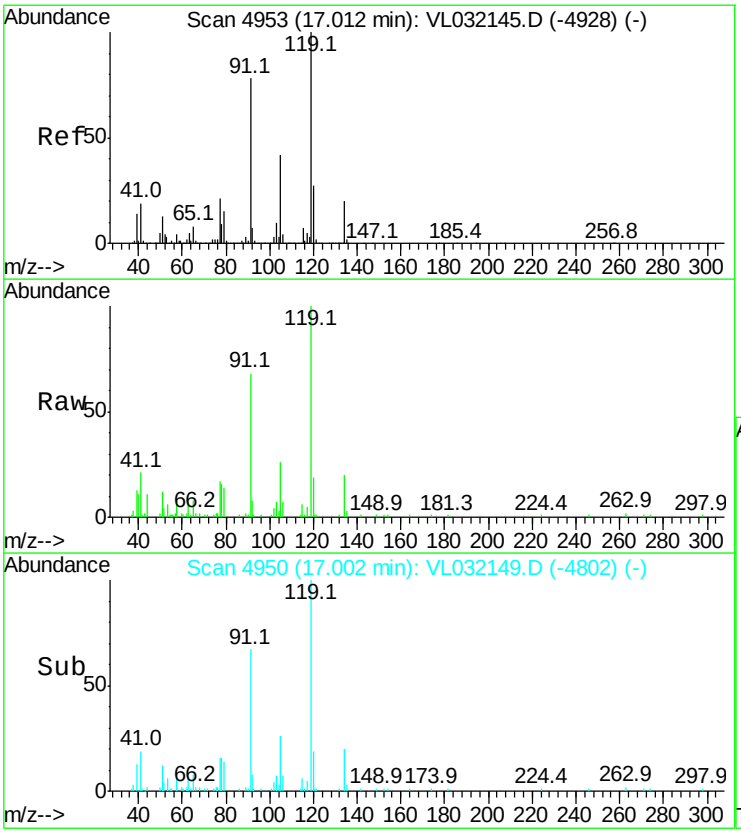
#64
n-propylbenzene
Concen: 0.042 ppbv
RT: 15.82 min Scan# 4582
Delta R.T. -0.02 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:120 Resp: 7894

Ion	Ratio	Lower	Upper
120	100		
91	0.0	357.4	536.0#

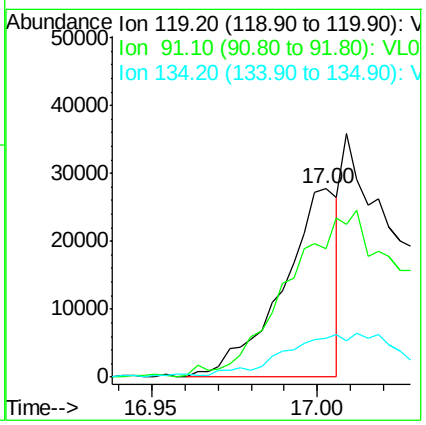


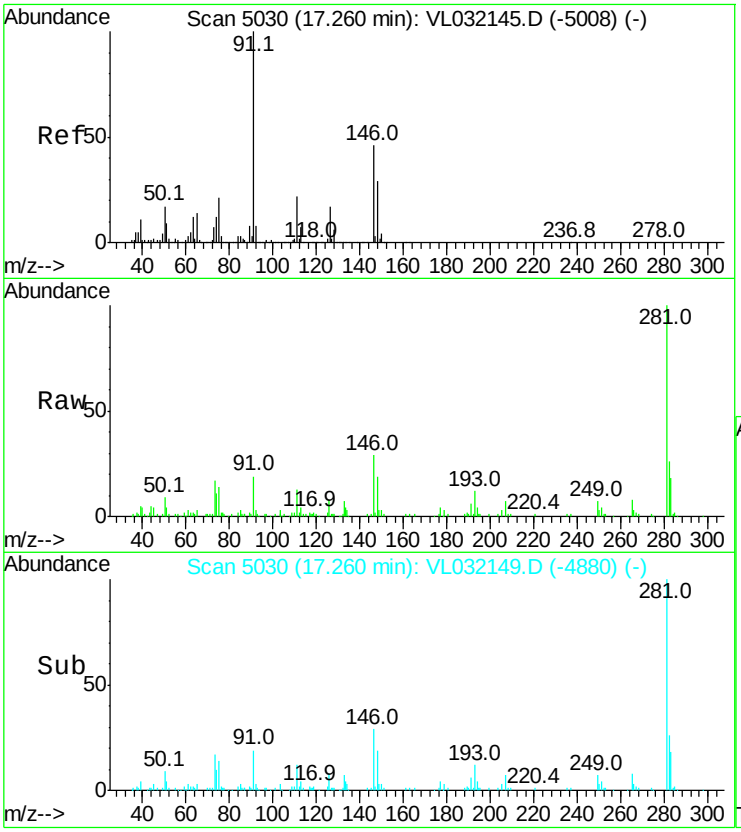


#65
tert-Butylbenzene
Concen: 0.051 ppbv
RT: 17.00 min Scan# 4950
Delta R.T. -0.02 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Tgt Ion:119 Resp: 32247

Ion	Ratio	Lower	Upper
119	100		
91	0.0	62.2	93.2#
134	0.0	16.2	24.2#



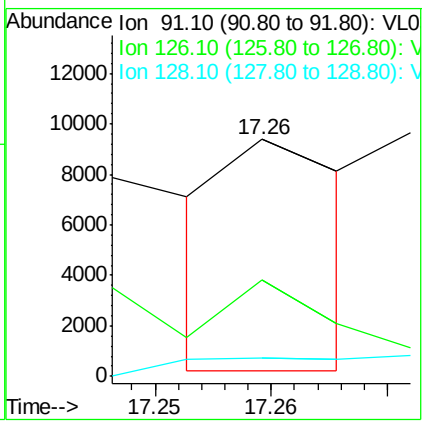


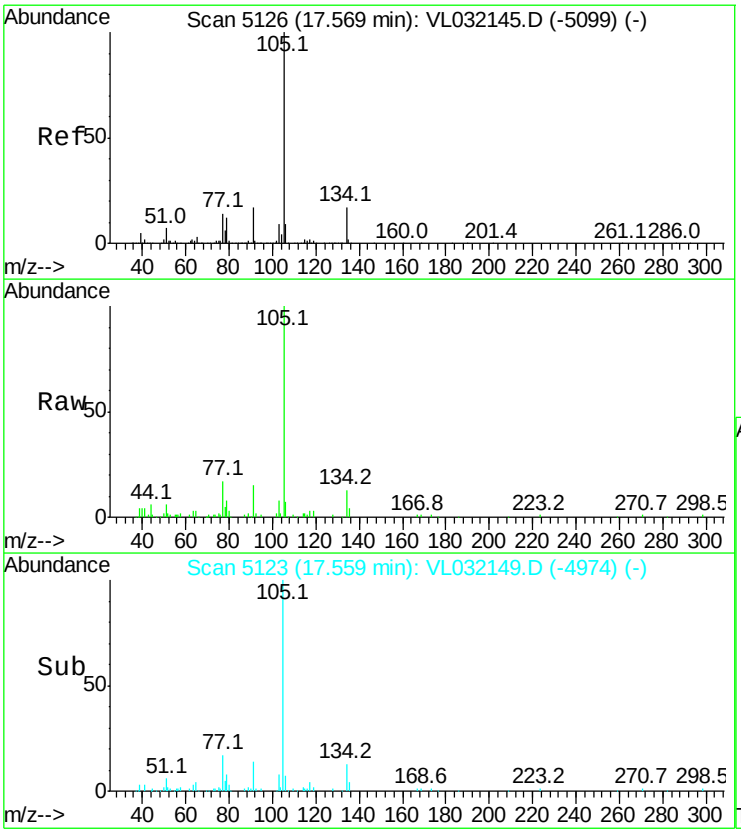
#66
Benzyl Chloride
Concen: 0.041 ppbv
RT: 17.26 min Scan# 5030
Delta R.T. -0.02 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 91 Resp: 3294

Ion	Ratio	Lower	Upper
91	100		
126	129.1	15.7	23.5#
128	0.0	5.2	7.8#

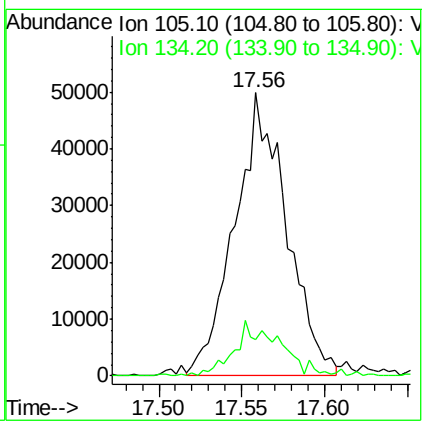


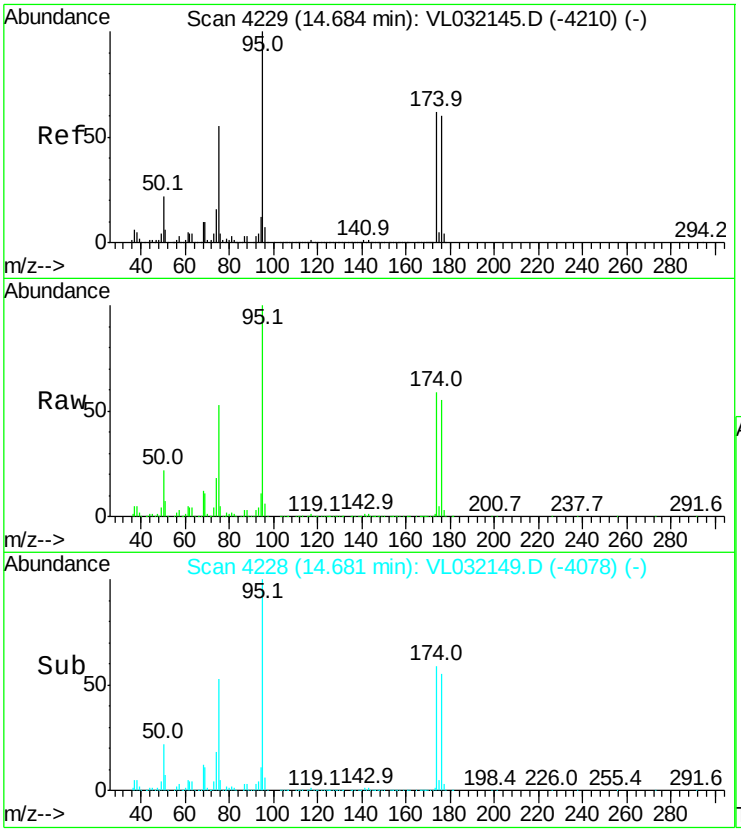


#67
sec-Butylbenzene
Concen: 0.116 ppbv
RT: 17.56 min Scan# 5123
Delta R.T. -0.02 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Tgt Ion:105 Resp: 108064

Ion	Ratio	Lower	Upper
105	100		
134	16.8	14.7	22.1



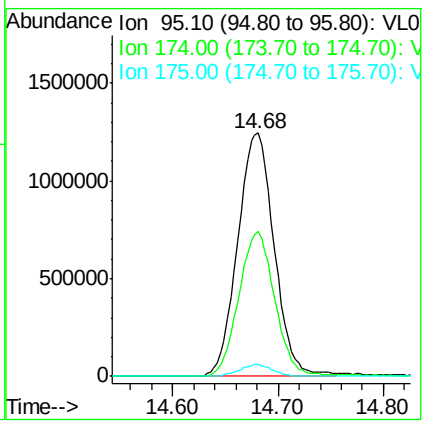


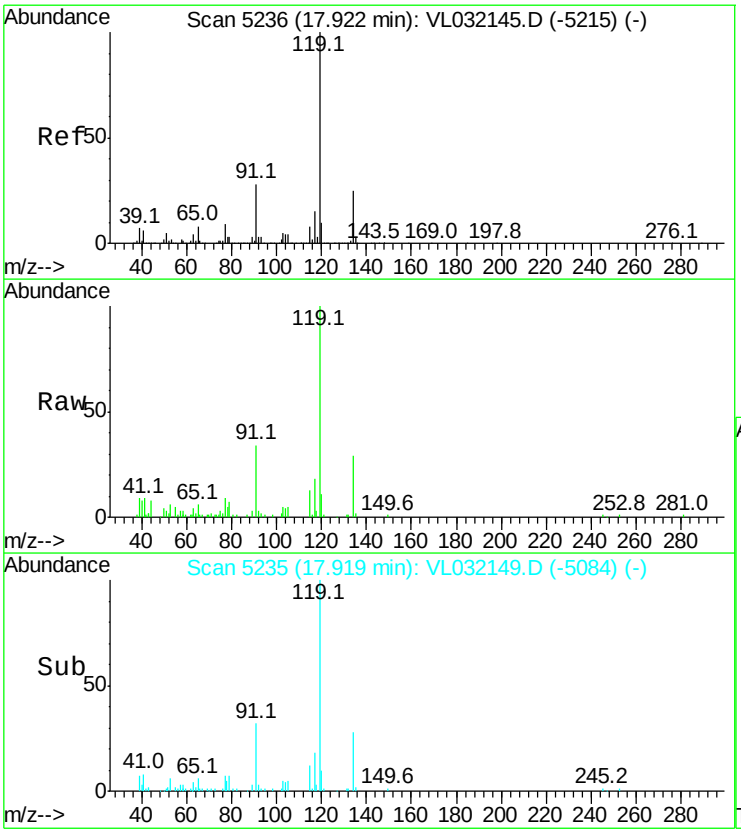
#68
1-Bromo-4-Fluorobenzene
Concen: 10.158 ppbv
RT: 14.68 min Scan# 4228
Delta R.T. -0.02 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 95 Resp: 2998820

Ion	Ratio	Lower	Upper
95	100		
174	59.2	52.1	78.1
175	4.6	4.0	6.0

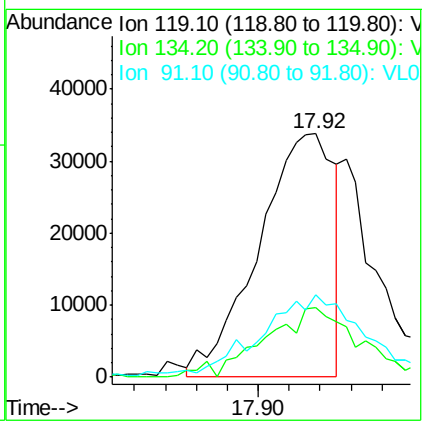


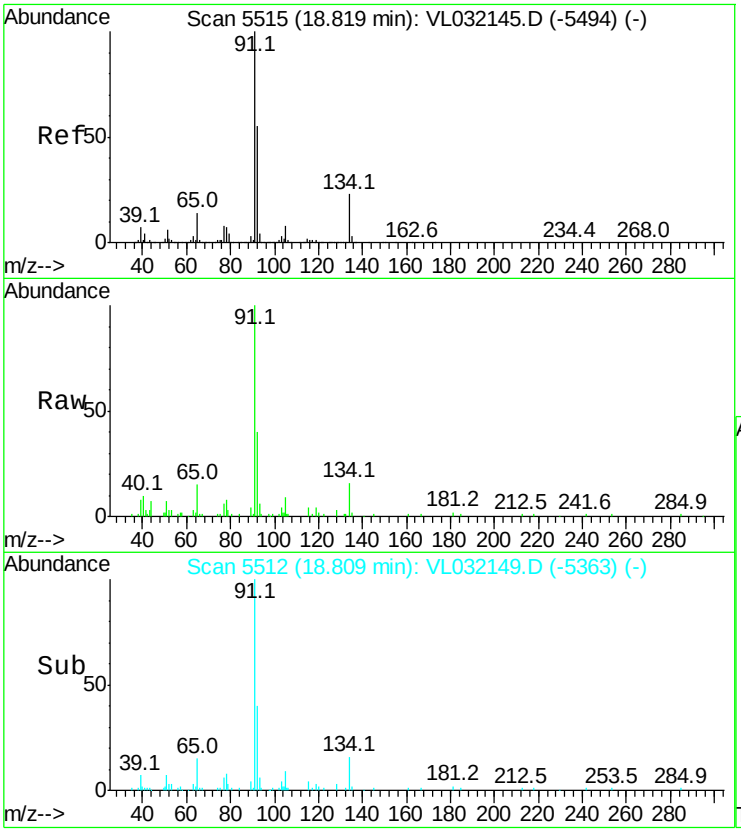


#69
p-Isopropyltoluene
Concen: 0.075 ppbv
RT: 17.92 min Scan# 5235
Delta R.T. -0.01 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Tgt Ion:119 Resp: 57101

Ion	Ratio	Lower	Upper
119	100		
134	38.0	20.7	31.1#
91	51.2	21.8	32.8#



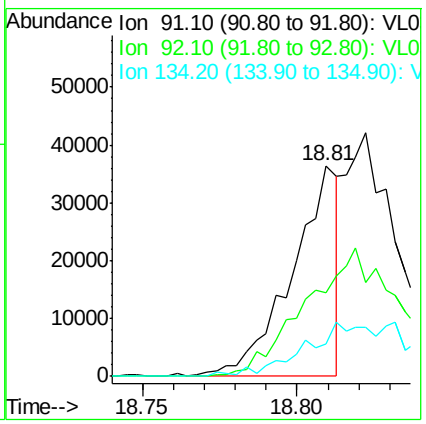


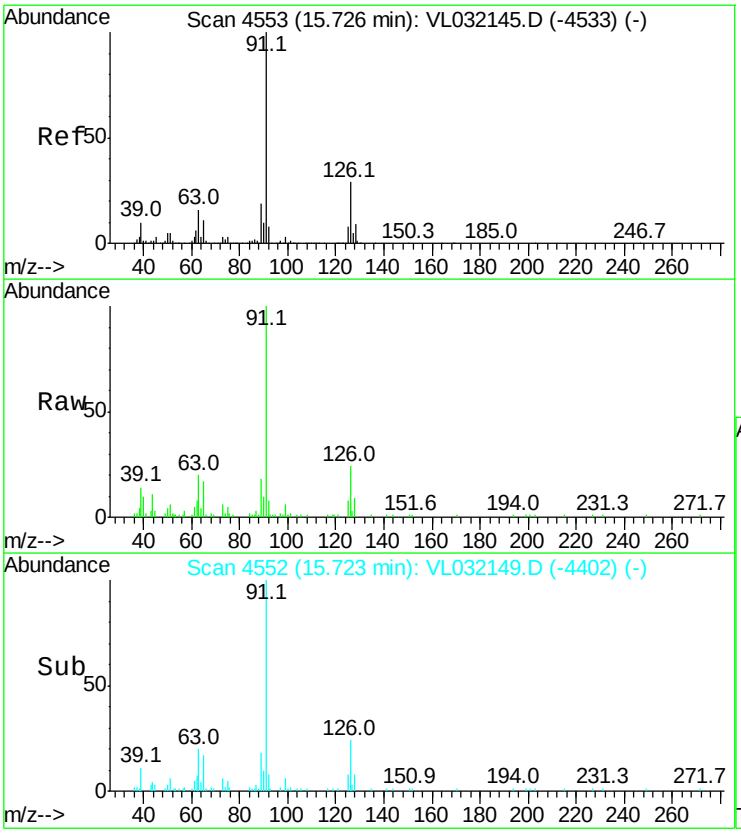
#70
n-Butylbenzene
Concen: 0.047 ppbv
RT: 18.81 min Scan# 5512
Delta R.T. -0.02 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 91 Resp: 37757

Ion	Ratio	Lower	Upper
91	100		
92	0.0	43.7	65.5#
134	61.2	18.9	28.3#

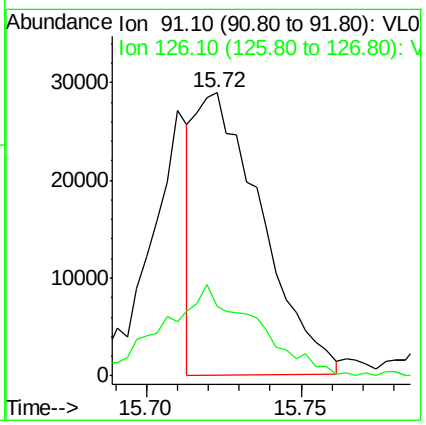


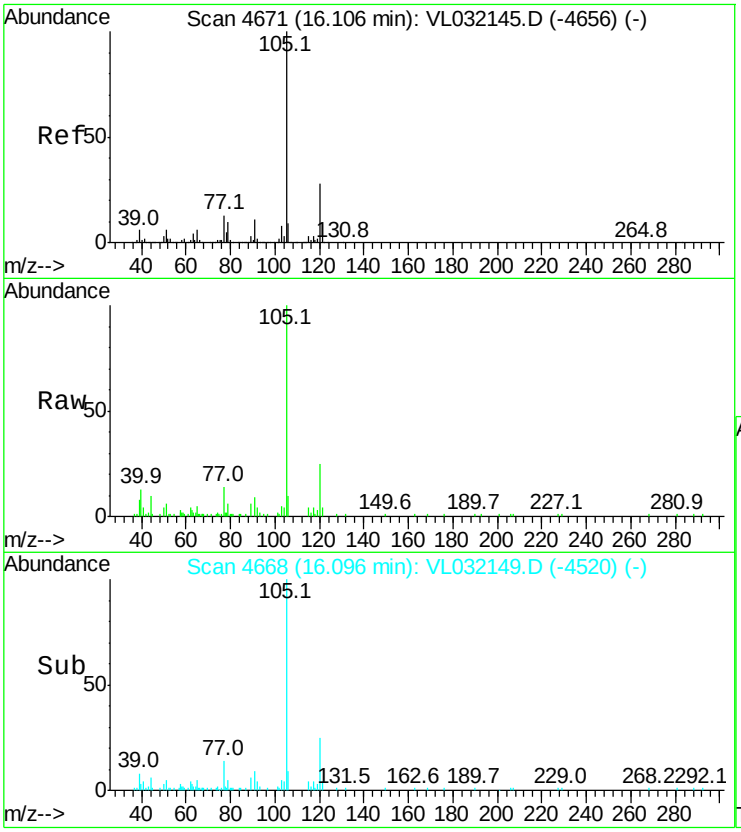


#71
2-Chlorotoluene
Concen: 0.077 ppbv
RT: 15.72 min Scan# 4552
Delta R.T. -0.02 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Tgt Ion: 91 Resp: 43017

Ion	Ratio	Lower	Upper
91	100		
126	46.7	12.8	51.0



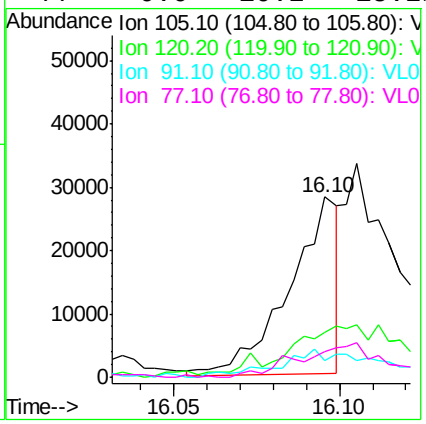


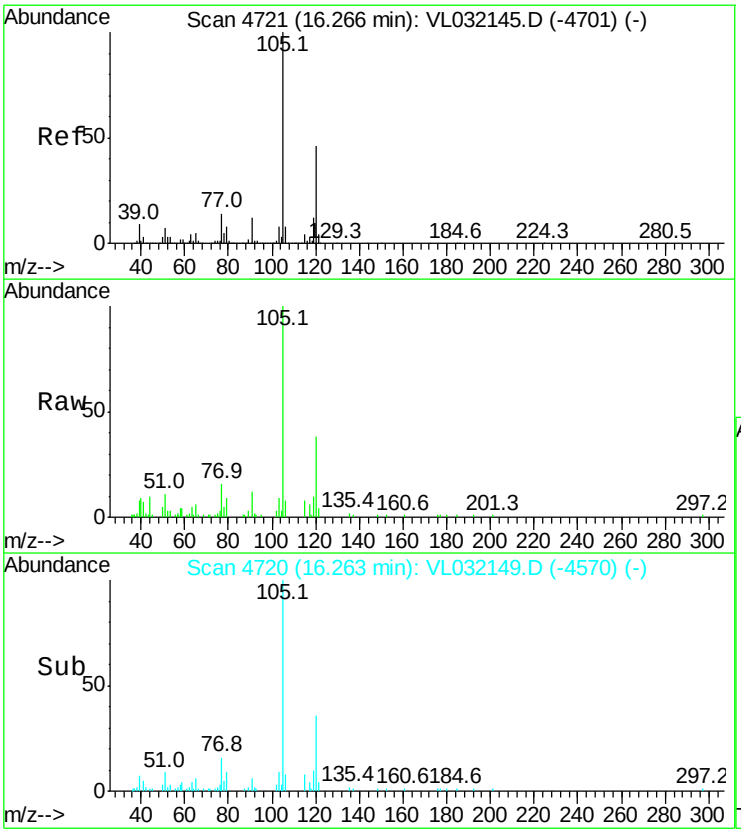
#72
4-Ethyltoluene
Concen: 0.047 ppbv
RT: 16.10 min Scan# 4668
Delta R.T. -0.02 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:105 Resp: 28861

Ion	Ratio	Lower	Upper
105	100		
120	0.0	24.3	36.5#
91	35.5	9.4	14.0#
77	0.0	10.2	15.2#

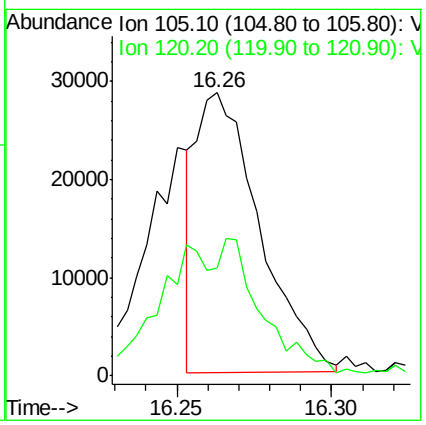


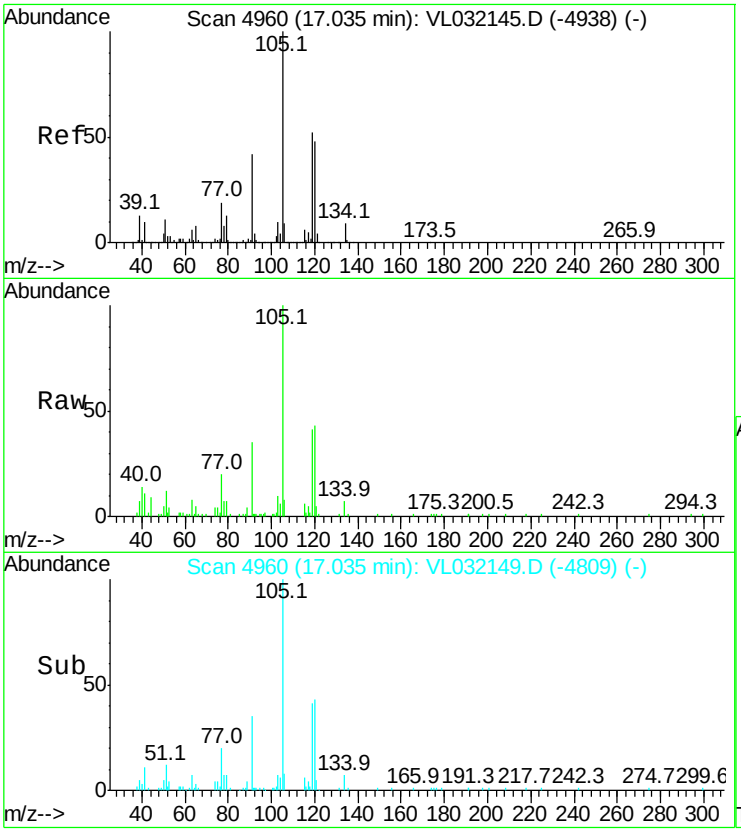


#73
1,3,5-Trimethylbenzene
Concen: 0.074 ppbv
RT: 16.26 min Scan# 4720
Delta R.T. -0.02 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Tgt Ion:105 Resp: 40489

Ion	Ratio	Lower	Upper
105	100		
120	38.2	38.6	57.8#



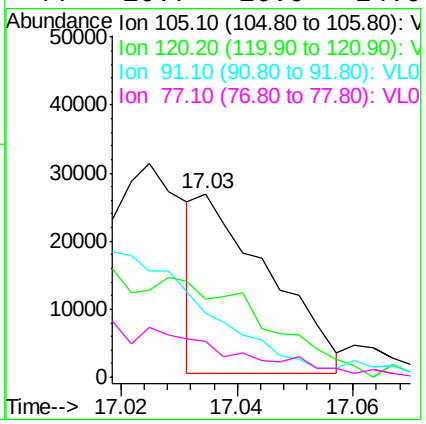


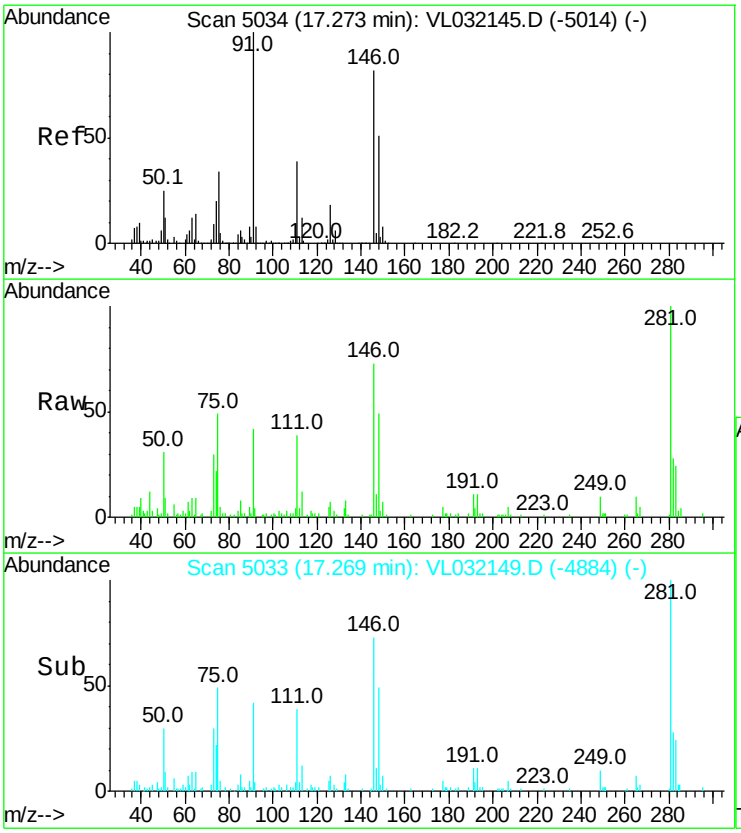
#74
1,2,4-Trimethylbenzene
Concen: 0.039 ppbv
RT: 17.03 min Scan# 4960
Delta R.T. -0.01 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:105 Resp: 22657

Ion	Ratio	Lower	Upper
105	100		
120	41.6	38.8	58.2
91	34.3	33.6	50.4
77	16.7	16.0	24.0

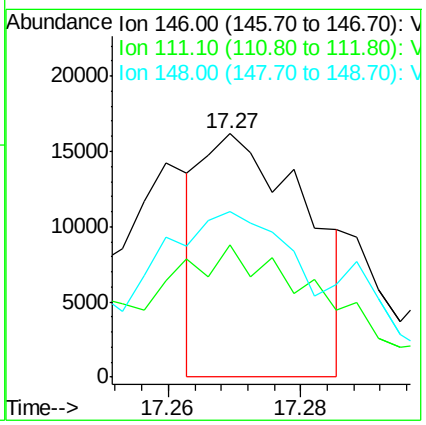


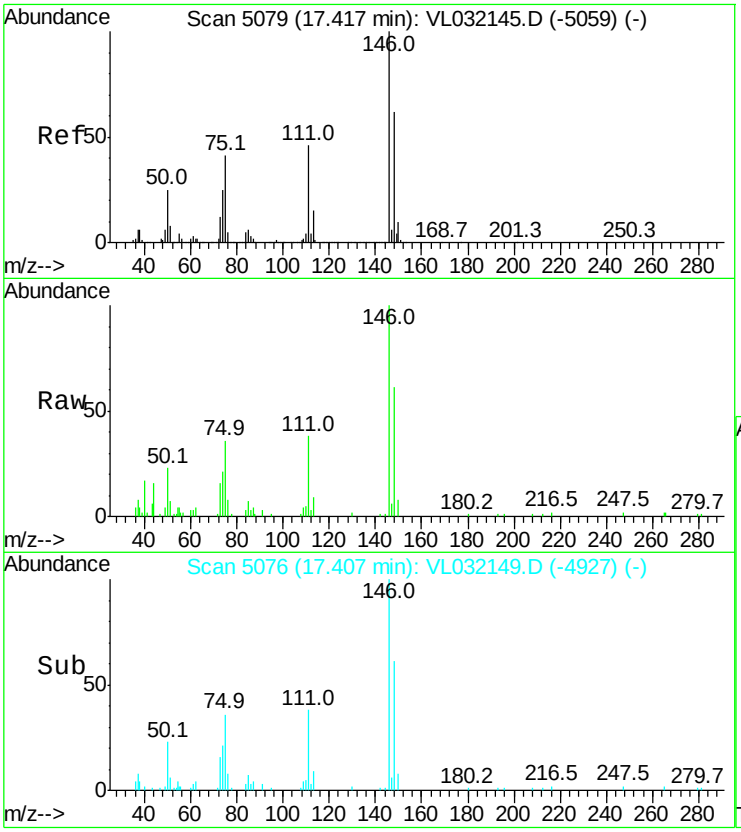


#75
1,3-Dichlorobenzene
Concen: 0.050 ppbv
RT: 17.27 min Scan# 5033
Delta R.T. -0.02 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Tgt Ion:146 Resp: 17687

Ion	Ratio	Lower	Upper
146	100		
111	165.5	22.9	68.8#
148	164.0	31.7	95.1#



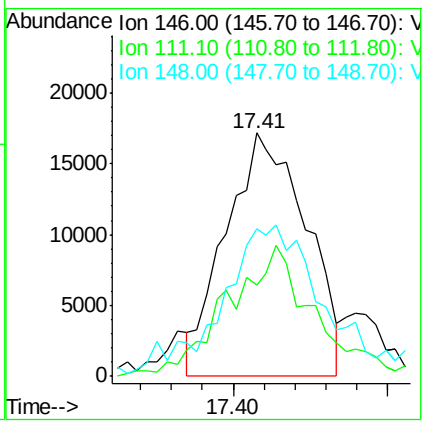


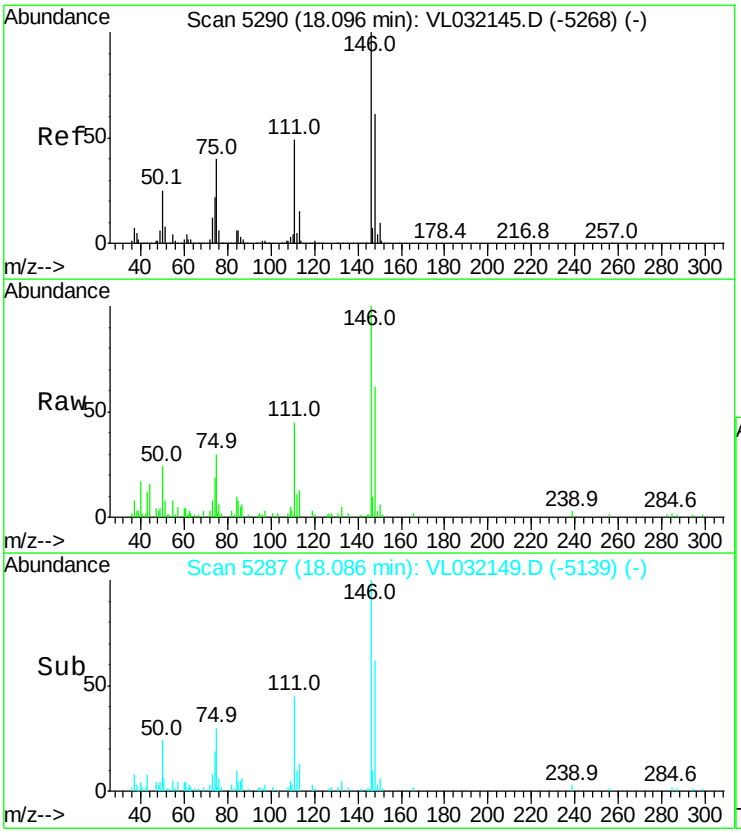
#76
1,4-Dichlorobenzene
Concen: 0.086 ppbv
RT: 17.41 min Scan# 5076
Delta R.T. -0.02 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:146 Resp: 31115

Ion	Ratio	Lower	Upper
146	100		
111	60.2	21.9	65.8
148	83.2	32.1	96.5

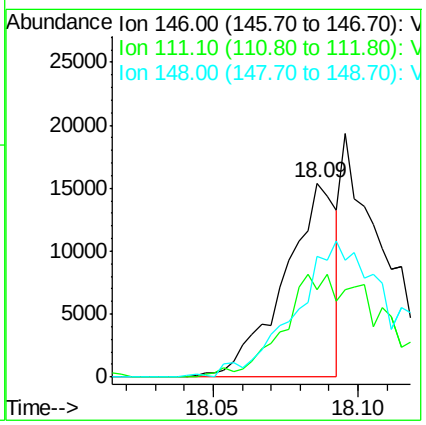


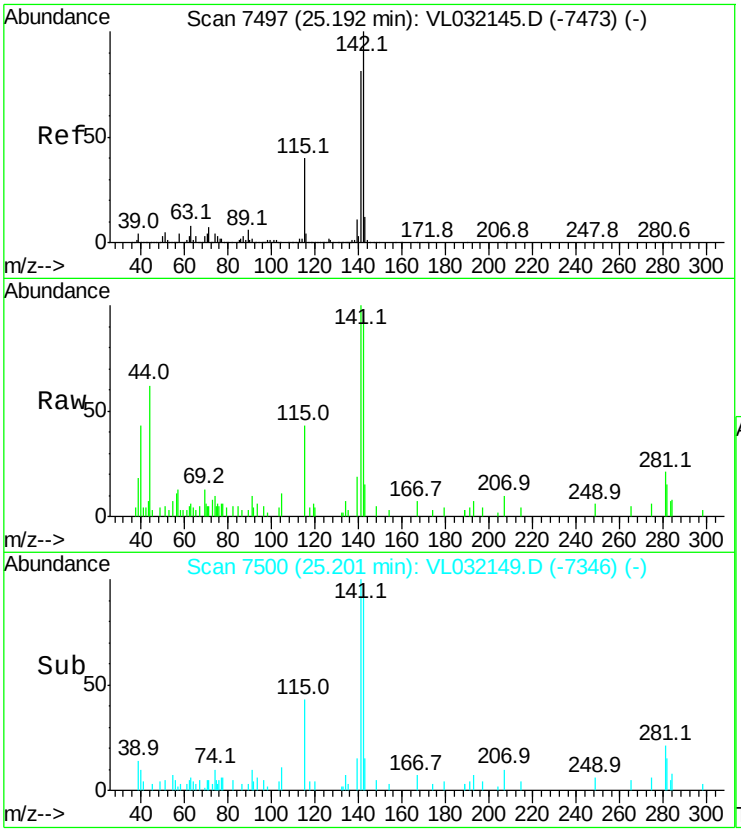


#77
1,2-Dichlorobenzene
Concen: 0.051 ppbv
RT: 18.09 min Scan# 5287
Delta R.T. -0.02 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Tgt Ion:146 Resp: 19047

Ion	Ratio	Lower	Upper
146	100		
111	0.0	23.4	70.3#
148	0.0	32.0	96.0#





#80
Naphthalene,2-methyl-
Concen: 0.039 ppbv
RT: 25.20 min Scan# 7500
Delta R.T. -0.00 min
Lab File: VL032149.D
Acq: 29 Jun 2018 20:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:142 Resp: 14399

Ion	Ratio	Lower	Upper
142	100		
141	87.1	65.8	98.6
115	41.5	29.4	44.0