Data Path : W:\HPCHEM1\MSVOA_L\Data\VL012218\

Quantitation Report (Not Reviewed)

Data File : VL031419.D
Acq On : 22 Jan 2018 16:01
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Jan 22 16:45:53 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL012218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 22 16:42:46 2018
QLast Update : Mon Jan 22 16:42:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.90	49	1291305	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.44	114	2988289	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.41	117	2971223	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.75	95	2414266	10.29	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.17	85	25281	0.10	ppbv		97
3) Chlorodifluoromethane	3.11	51	17978	0.09	ppbv		99
4) Chloromethane	3.27	50	4791	0.06	ppbv		98
5) Vinyl Chloride	3.40	62	7317	0.08	ppbv	#	81
6) Bromomethane	3.62	94	3030	0.05	ppbv		82
7) Chloroethane	3.71	64	2519	0.07	ppbv		91
8) Dichlorotetrafluoroethane	3.32	85	22322	0.10	ppbv		97
9) Propene	3.13	41	3316	0.05	ppbv	#	19
11) Trichlorofluoromethane	4.13	101	27092	0.10	ppbv		95
12) 1,1,2-Trichlorotrifluoroet	4.68	101	16522	0.10	ppbv		100
13) Ethanol	3.78	45	1125	0.03	ppbv	#	38
14) Bromoethene	3.90	108	5841	0.08	ppbv	#	97
15) Acetone	4.05	43	21316	0.10	ppbv		98
16) 1,3-Butadiene	3.47	39	5744	0.07	ppbv		97
18) 1,1-Dichloroethene	4.48	96	6601	0.09	ppbv		88
20) Methylene Chloride	4.53	84	4322	0.06	ppbv		90
21) Allyl Chloride	4.60	41	9861	0.09	ppbv		86
22) trans-1,2-Dichloroethene	5.09	96	2887	0.04	ppbv		93
23) Vinyl Acetate	5.31	43	19467	0.08	ppbv	#	92
24) 1,1-Dichloroethane	5.22	63	18621	0.09	ppbv	#	92
25) Ethyl Acetate	5.93	43	15038	0.04	ppbv	#	76
26) Hexane	5.92	57	6881	0.04	ppbv	#	1
27) Carbon Disulfide	4.76	76	7790	0.04	ppbv	#	1
29) Chloroform	5.99	83	22603	0.09	ppbv		90
31) cis-1,2-Dichloroethene	5.78	61	7563	0.05	ppbv	#	88
32) 1,1,1-Trichloroethane	6.76	97	13156	0.05	ppbv	#	22
34) 2-Butanone	5.49	43	9327	0.04	ppbv	#	55
35) Carbon Tetrachloride	7.29	117	22529	0.08	ppbv		89
36) Benzene	7.16	78	12565	0.04	ppbv		98
37) 1,2-Dichloroethane	6.56	62	20068	0.09	ppbv		100
38) Trichloroethene	8.12	130	5148	0.04	ppbv	#	78
39) 1,2-Dichloropropane	7.44	63	813430	7.11	ppbv	#	22
42) Bromodichloromethane	8.07	83	22164	0.08	ppbv	#	82
44) 2,2,4-Trimethylpentane	8.15	57	18300	0.04	ppbv	#	40
46) cis-1,3-Dichloropropene	9.00	75	9374	0.05	ppbv	#	81
47) 1,1,2-Trichloroethane	9.78	97	7062	0.05	ppbv		93
49) Bromoform	13.37	173	11101	0.06	ppbv		94
50) 4-Methyl-2-Pentanone	9.07	43	16591	0.05	ppbv		100
52) Tetrachloroethene	11.54	164	8479	0.07	ppbv	#	69
53) Toluene	10.11	91	19791	0.05	ppbv		97
54) 1,2-Dibromoethane	10.93	107	10004	0.05	ppbv		84

Data Path : W:\HPCHEM1\MSVOA_L\Data\VL012218\

Quantitation Report (Not Reviewed)

Data File : VL031419.D
Acq On : 22 Jan 2018 16:01
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Jan 22 16:45:53 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL012218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 22 16:42:46 2018
QLast Update : Mon Jan 22 16:42:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 1,1,1,2-Tetrachloroethane	12.45	131	8010	0.05	ppbv	#	29
57) Chlorobenzene	12.47	112	26324	0.09	ppbv	#	75
59) m/p-Xylene	13.32	91	19328	0.05	ppbv	#	1
60) o-Xylene	14.02	91	21775	0.05	ppbv		98
62) Isopropylbenzene	14.99	105	18059	0.04	ppbv	#	50
63) 1,1,2,2-Tetrachloroethane	14.00	83	12330	0.04	ppbv	#	18
66) Benzyl Chloride	17.32	91	1394	0.03	ppbv	#	66
70) n-Butylbenzene	18.88	91	20436	0.04	ppbv	#	65
72) 4-Ethyltoluene	16.17	105	22941	0.05	ppbv		97
73) 1,3,5-Trimethylbenzene	16.32	105	12577	0.03	ppbv		98
75) 1,3-Dichlorobenzene	17.34	146	21196	0.08	ppbv		89
76) 1,4-Dichlorobenzene	17.47	146	11043	0.04	ppbv	#	23
78) Hexachloro-1,3-Butadiene	23.69	225	2536	0.03	ppbv	#	18
80) Naphthalene,2-methyl-	25.26	142	2895	0.06	ppbv		90

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

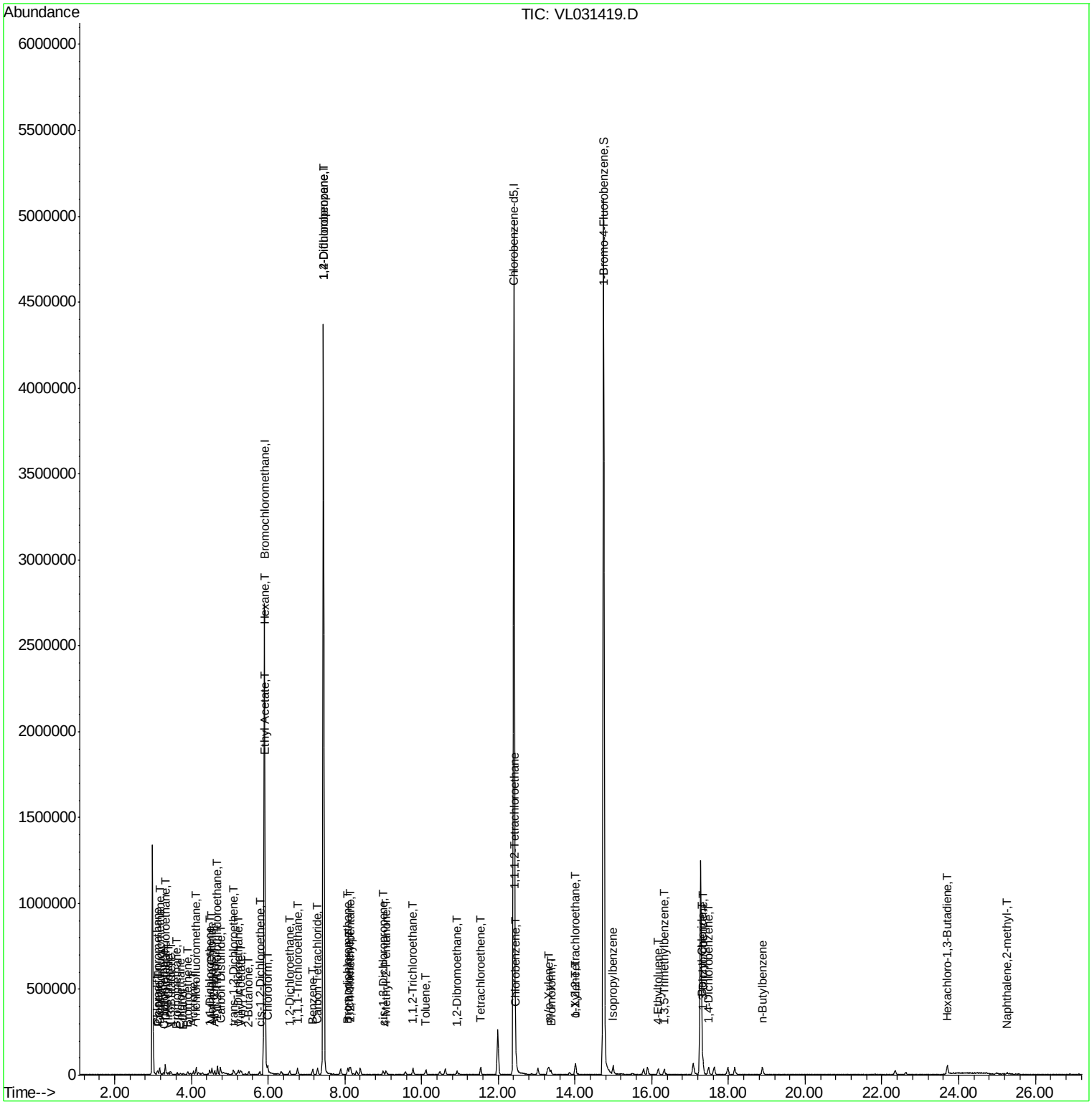
Data Path : W:\HPCHEM1\MSVOA_L\Data\VL012218\

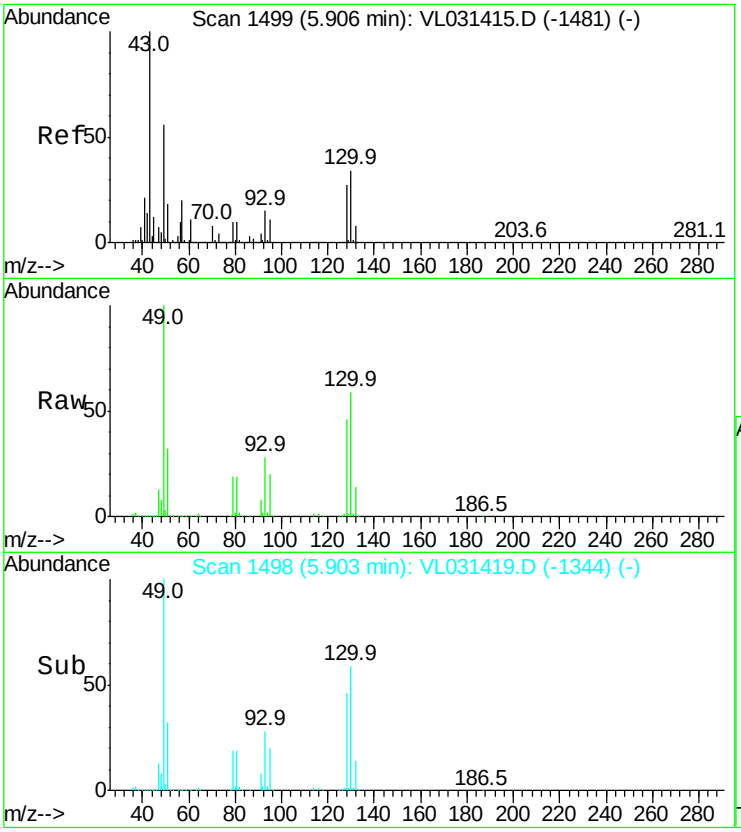
Quantitation Report (Not Reviewed)

Data File : VL031419.D
Acq On : 22 Jan 2018 16:01
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Jan 22 16:45:53 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL012218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 22 16:42:46 2018
QLast Update : Mon Jan 22 16:42:46 2018
Response via : Initial Calibration



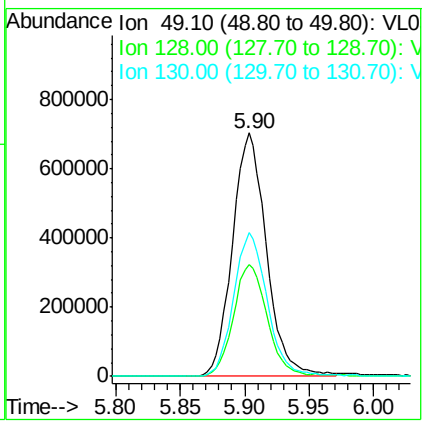


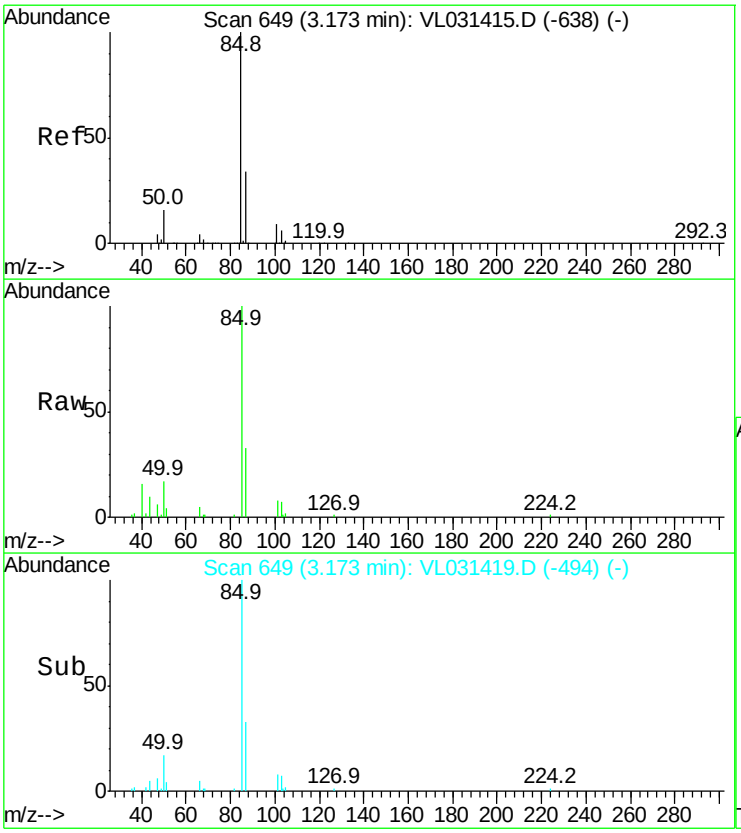
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 49 Resp: 1291305

Ion	Ratio	Lower	Upper
49	100		
128	46.4	23.5	70.6
130	59.4	29.9	89.7

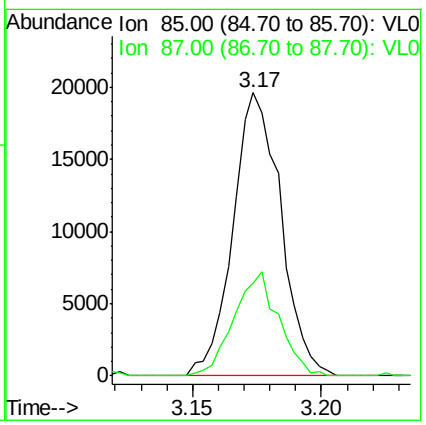


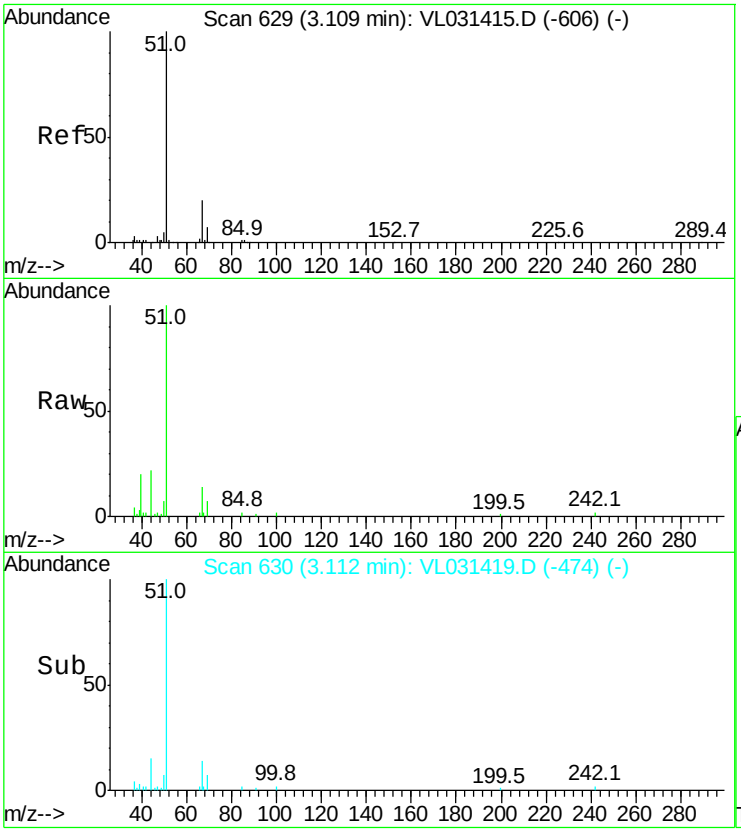


#2
Dichlorodifluoromethane
Concen: 0.10 ppbv
RT: 3.17 min Scan# 649
Delta R.T. -0.00 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Tgt Ion: 85 Resp: 25281

Ion	Ratio	Lower	Upper
85	100		
87	32.7	27.4	41.0



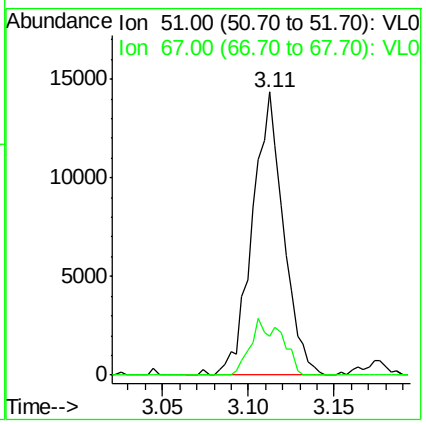


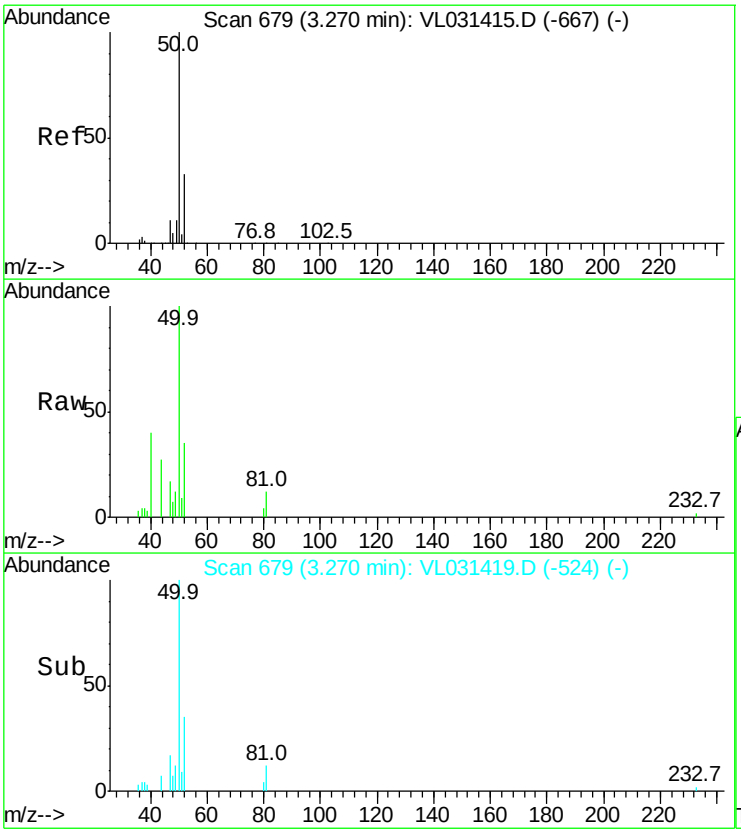
#3
Chlorodifluoromethane
Concen: 0.09 ppbv
RT: 3.11 min Scan# 630
Delta R.T. 0.00 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 51 Resp: 17978

Ion	Ratio	Lower	Upper
51	100		
67	19.6	16.0	24.0

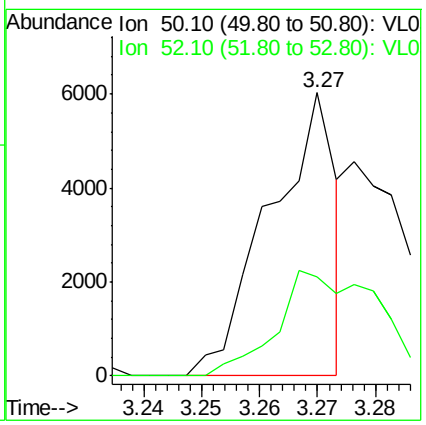


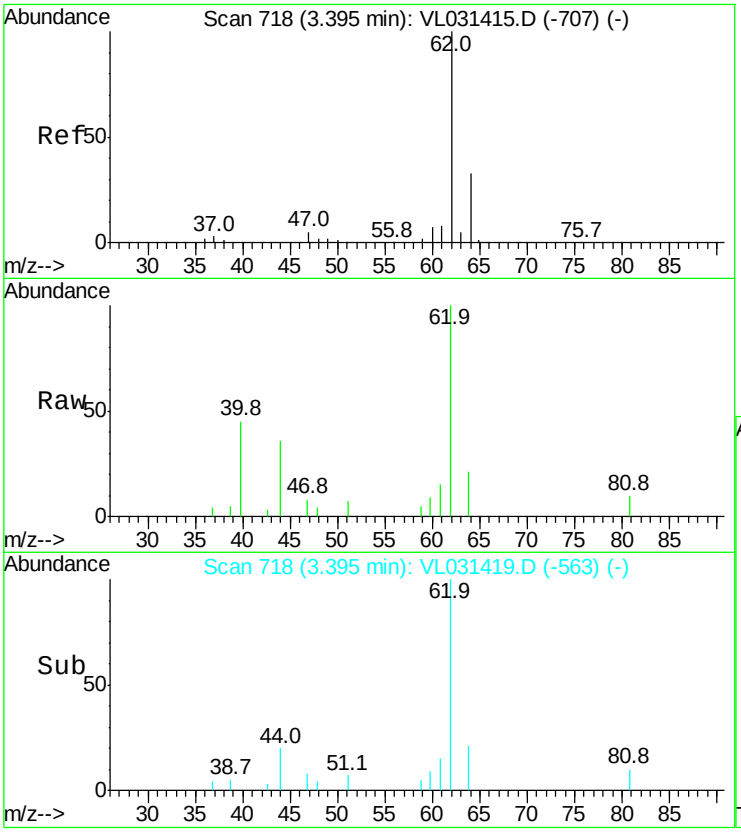


#4
Chloromethane
Concen: 0.06 ppbv
RT: 3.27 min Scan# 679
Delta R.T. -0.00 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Tgt Ion: 50 Resp: 4791

Ion	Ratio	Lower	Upper
50	100		
52	31.9	26.4	39.6



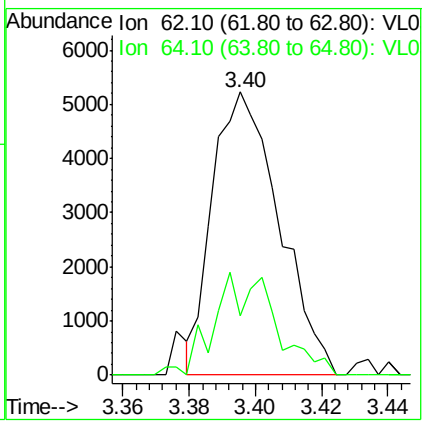


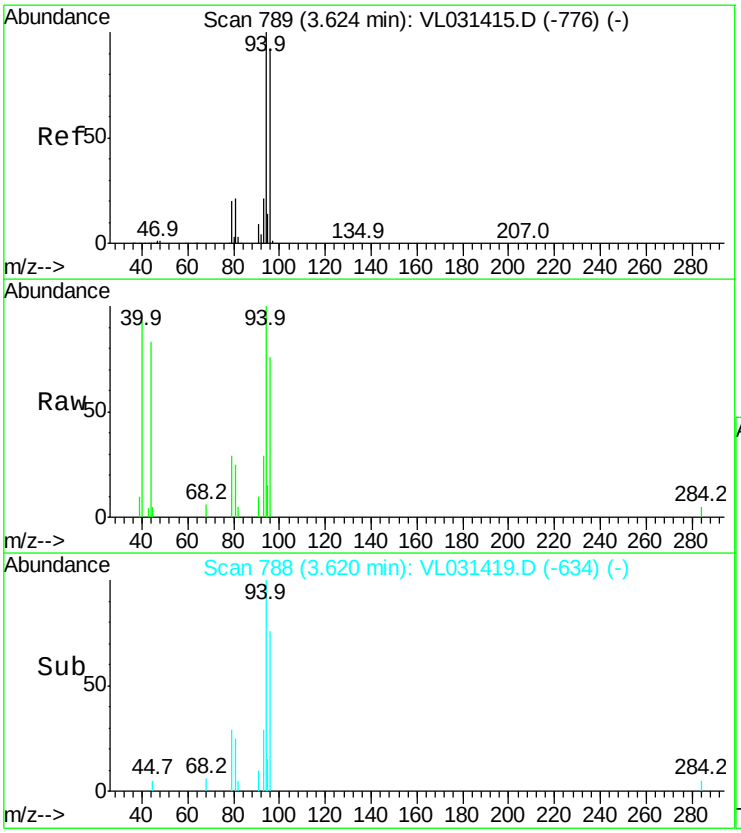
#5
Vinyl Chloride
Concen: 0.08 ppbv
RT: 3.40 min Scan# 718
Delta R.T. -0.00 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 62 Resp: 7317

Ion	Ratio	Lower	Upper
62	100		
64	20.9	25.4	38.0#

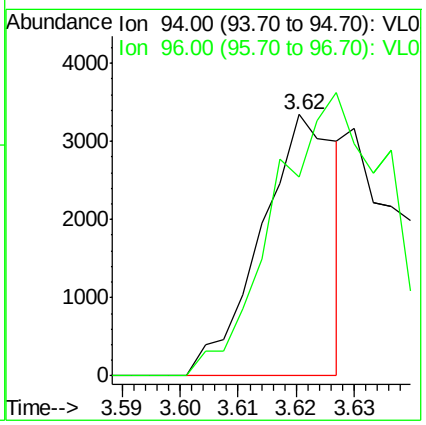


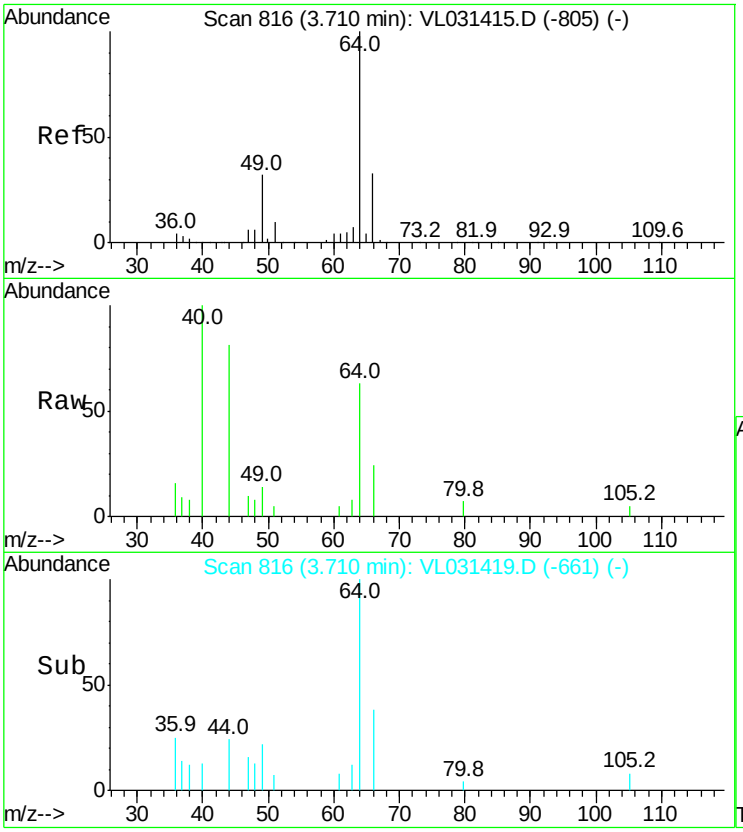


#6
Bromomethane
Concen: 0.05 ppbv
RT: 3.62 min Scan# 788
Delta R.T. -0.01 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Tgt Ion: 94 Resp: 3030

Ion	Ratio	Lower	Upper
94	100		
96	76.1	75.1	112.7



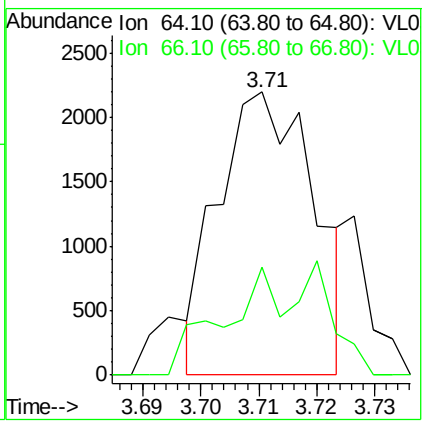


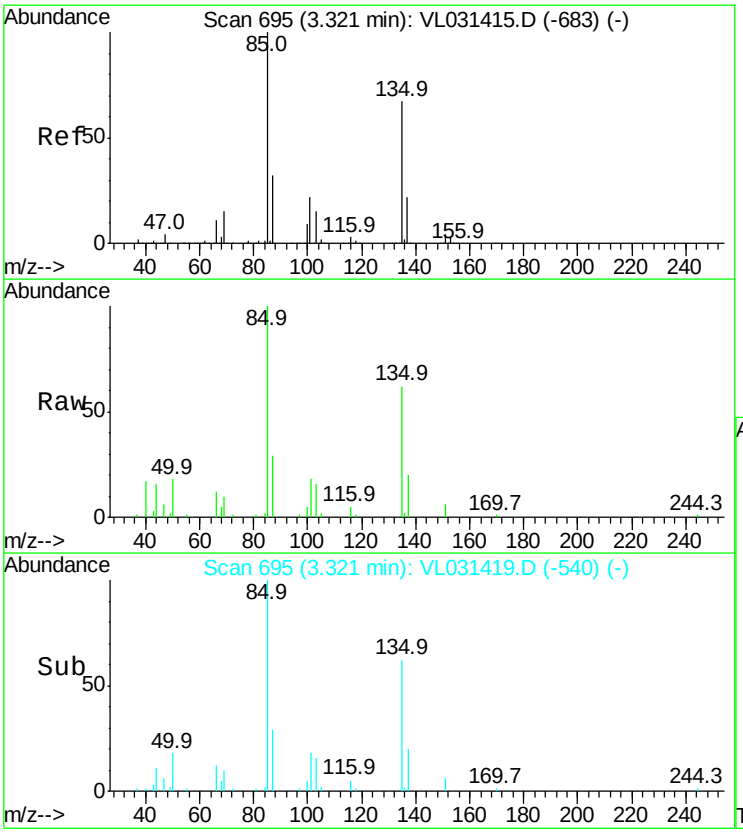
#7
Chloroethane
Concen: 0.07 ppbv
RT: 3.71 min Scan# 816
Delta R.T. -0.00 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Tgt Ion: 64 Resp: 2519

Ion	Ratio	Lower	Upper
64	100		
66	37.9	26.3	39.5

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

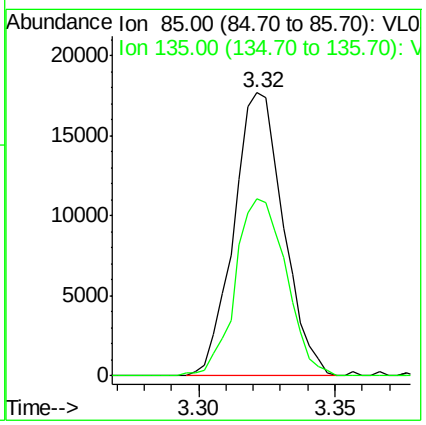


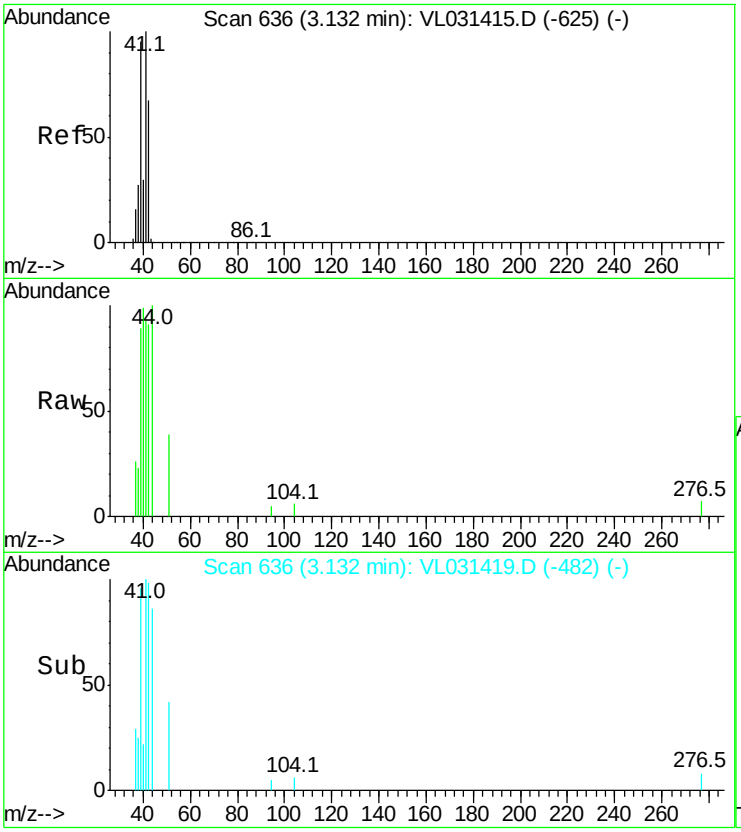


#8
Dichlorotetrafluoroethane
Concen: 0.10 ppbv
RT: 3.32 min Scan# 695
Delta R.T. -0.00 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Tgt Ion: 85 Resp: 22322

Ion	Ratio	Lower	Upper
85	100		
135	64.0	53.3	79.9



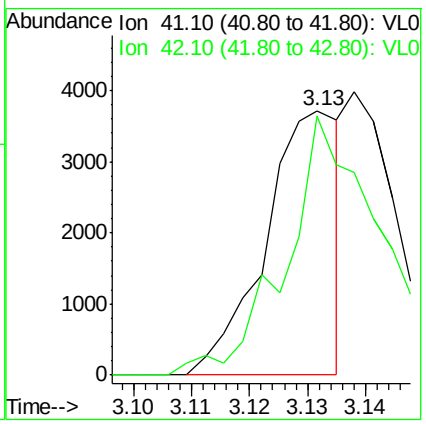


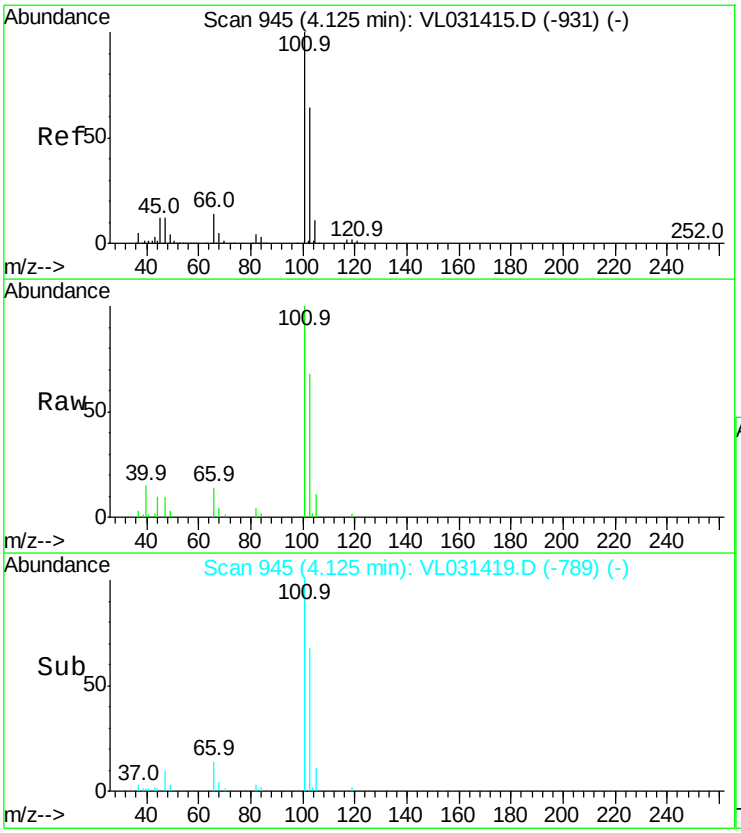
#9
Propene
Concen: 0.05 ppbv
RT: 3.13 min Scan# 636
Delta R.T. -0.01 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 41 Resp: 3316

Ion	Ratio	Lower	Upper
41	100		
42	134.3	54.6	82.0#

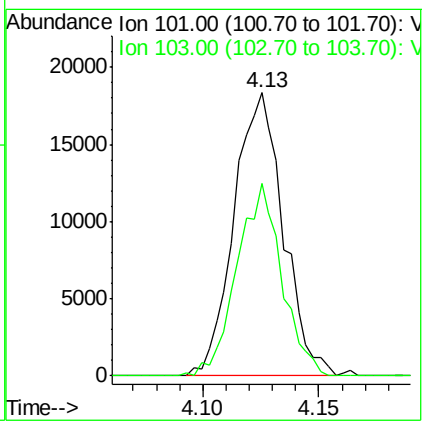


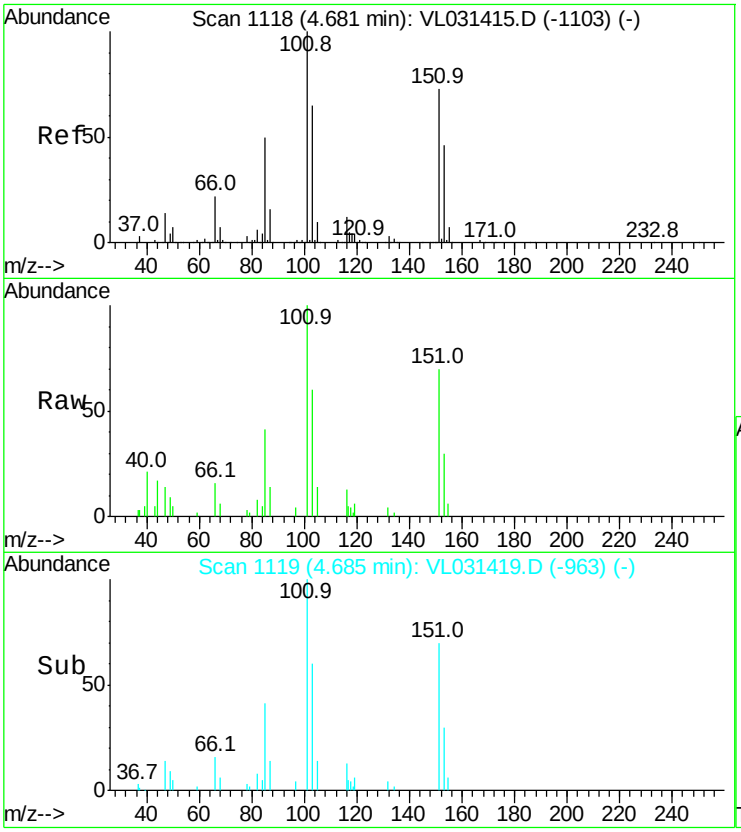


#11
Trichlorofluoromethane
Concen: 0.10 ppbv
RT: 4.13 min Scan# 945
Delta R.T. 0.00 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Tgt Ion:101 Resp: 27092

Ion	Ratio	Lower	Upper
101	100		
103	70.0	53.1	79.7



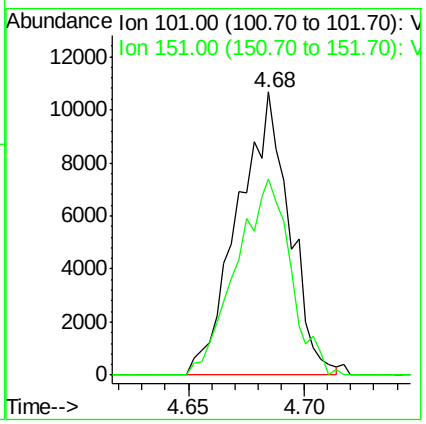


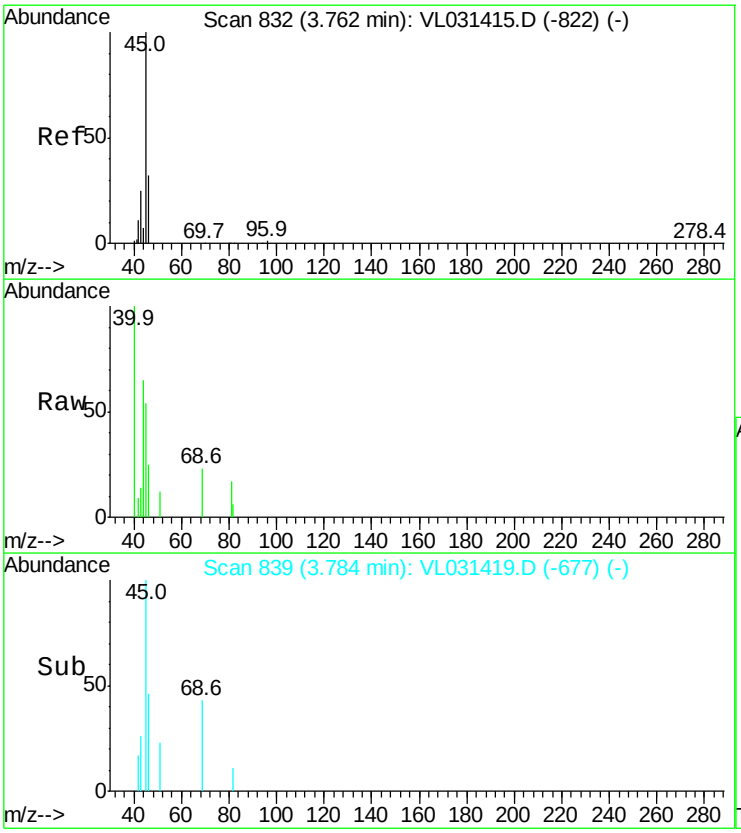
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.10 ppbv
RT: 4.68 min Scan# 1119
Delta R.T. 0.00 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:101 Resp: 16522

Ion	Ratio	Lower	Upper
101	100		
151	72.7	58.1	87.1

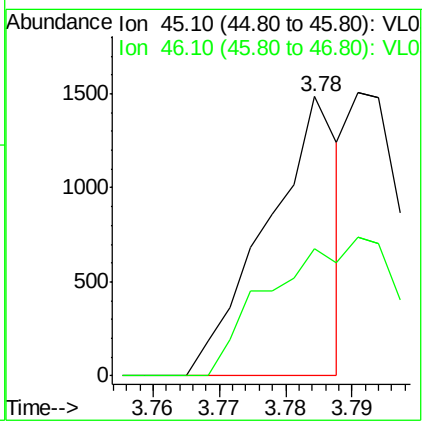


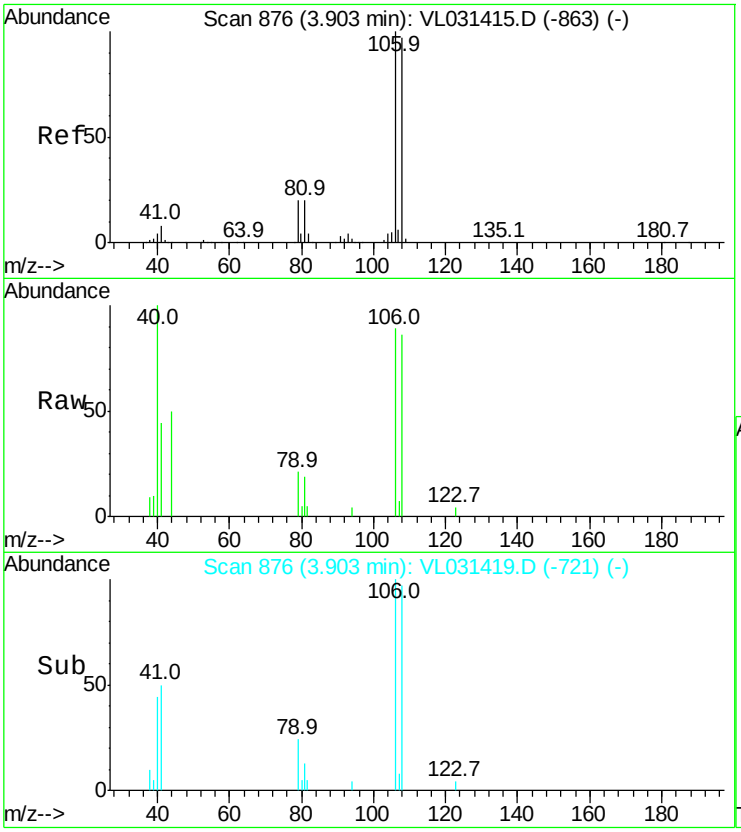


#13
Ethanol
Concen: 0.03 ppbv
RT: 3.78 min Scan# 839
Delta R.T. 0.02 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Tgt Ion: 45 Resp: 1125

Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.9	59.5#



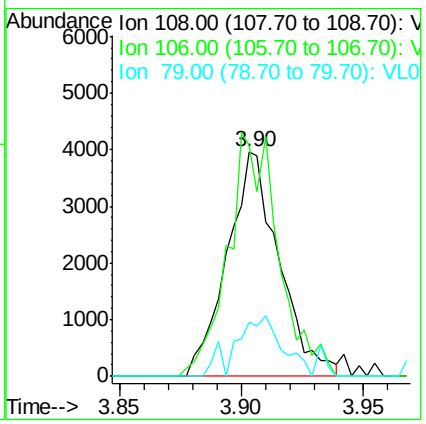


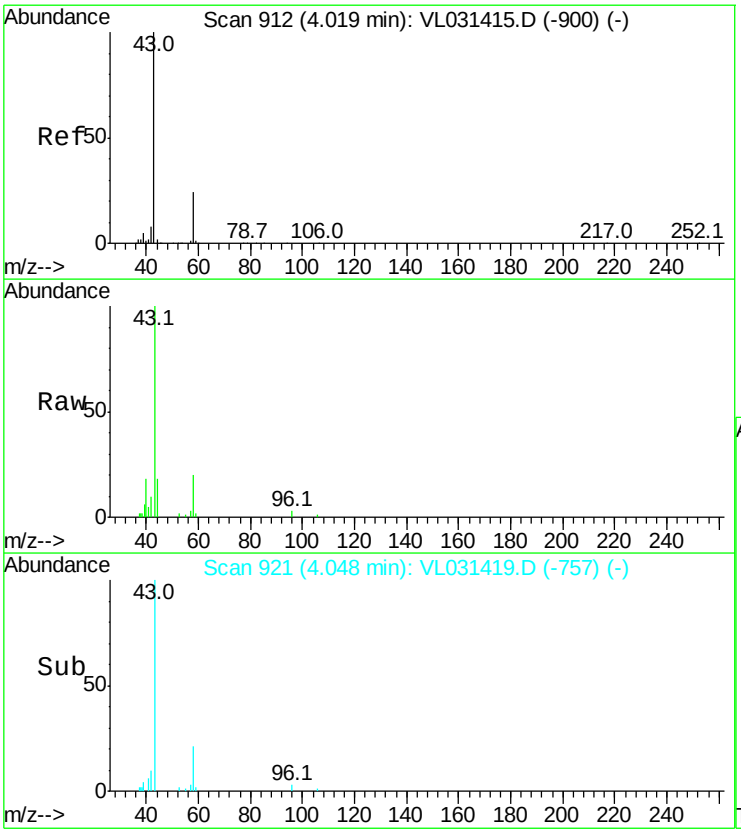
#14
Bromoethene
Concen: 0.08 ppbv
RT: 3.90 min Scan# 876
Delta R.T. -0.00 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:108 Resp: 5841

Ion	Ratio	Lower	Upper
108	100		
106	105.6	85.3	127.9
79	26.6	16.8	25.2#

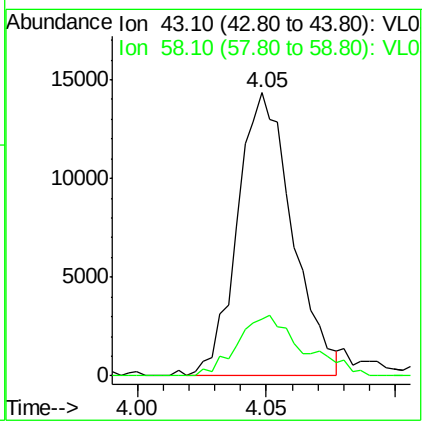


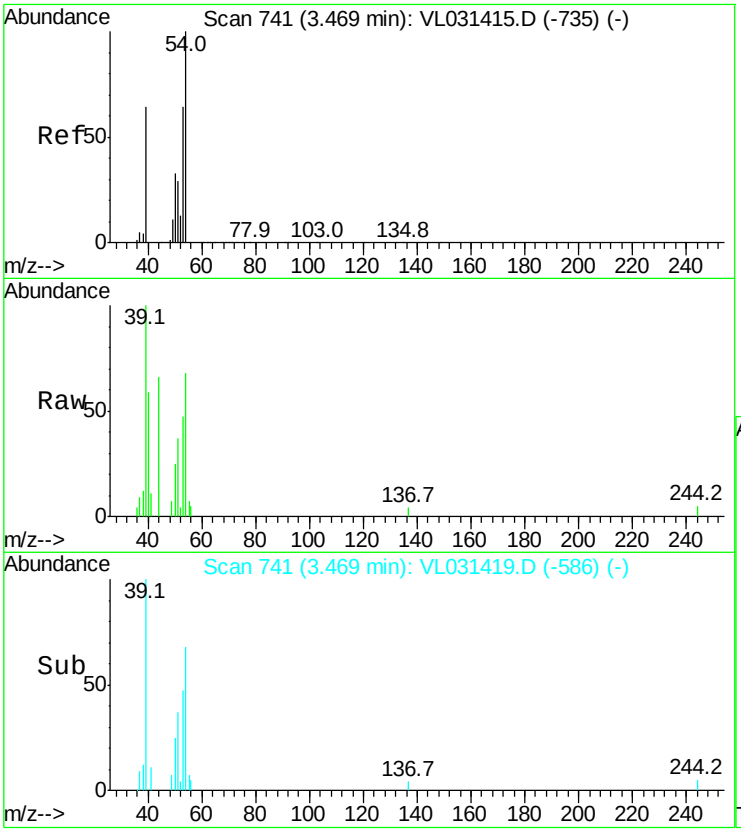


#15
Acetone
Concen: 0.10 ppbv
RT: 4.05 min Scan# 921
Delta R.T. 0.03 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Tgt Ion: 43 Resp: 21316

Ion	Ratio	Lower	Upper
43	100		
58	25.4	19.4	29.2



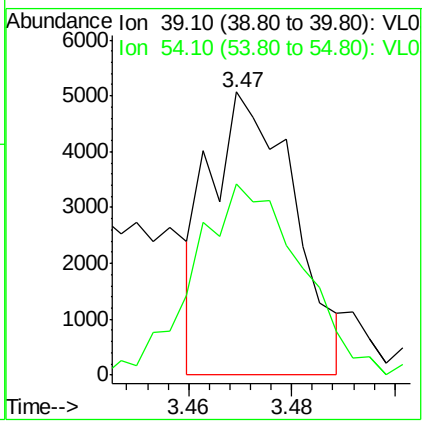


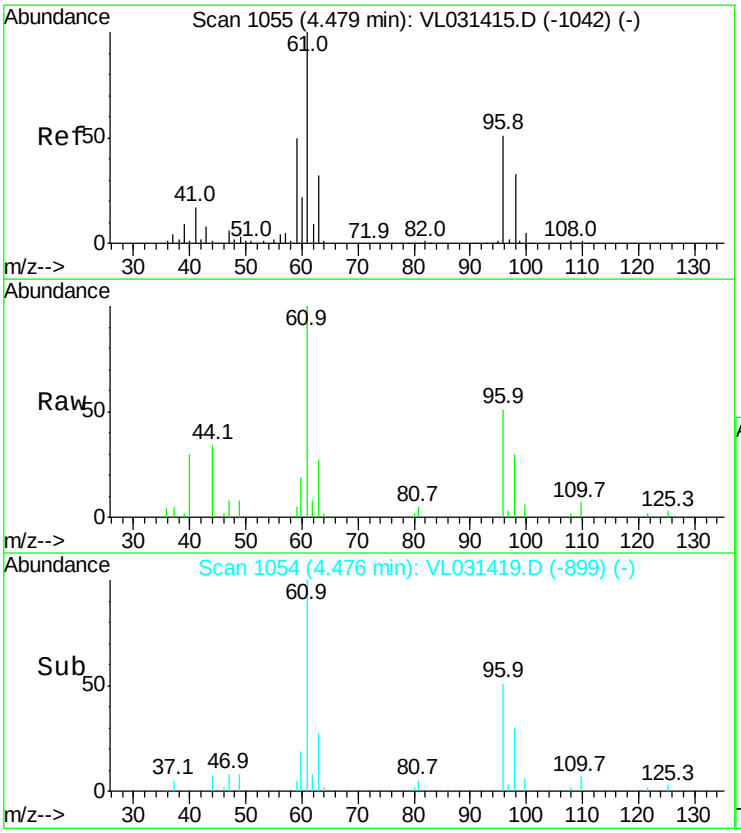
#16
1,3-Butadiene
Concen: 0.07 ppbv
RT: 3.47 min Scan# 741
Delta R.T. -0.00 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 39 Resp: 5744

Ion	Ratio	Lower	Upper
39	100		
54	86.9	67.0	100.6

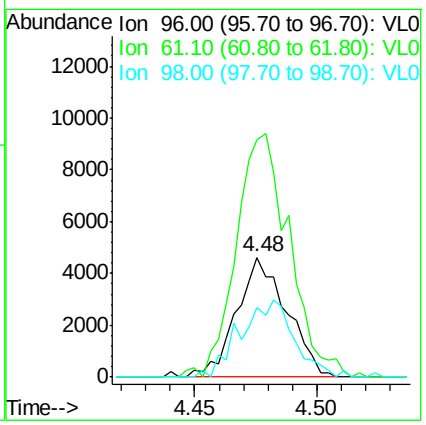


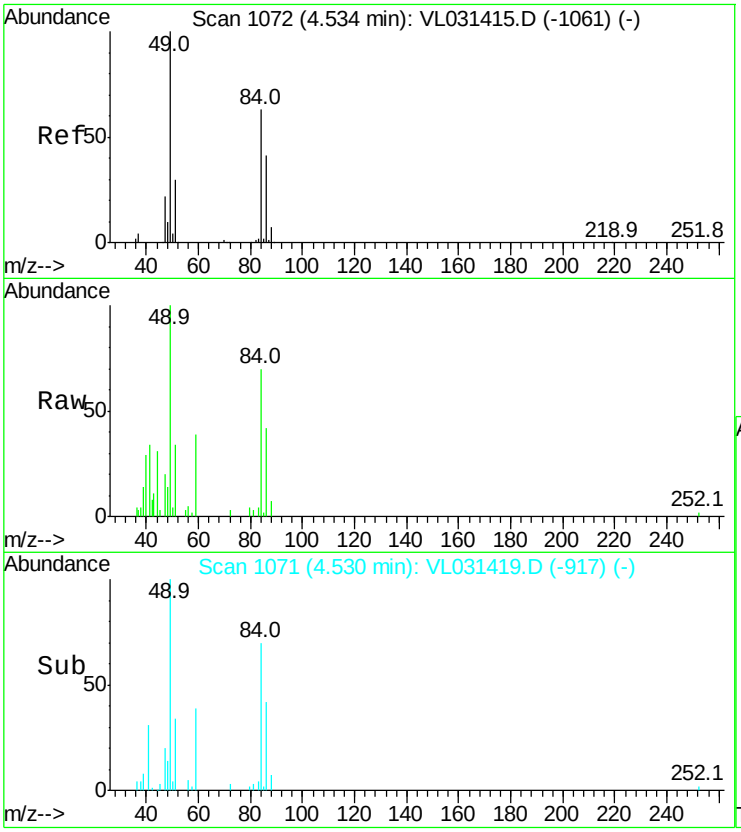


#18
1,1-Dichloroethene
Concen: 0.09 ppbv
RT: 4.48 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Tgt Ion: 96 Resp: 6601

Ion	Ratio	Lower	Upper
96	100		
61	182.5	161.6	242.4
98	55.8	49.6	74.4



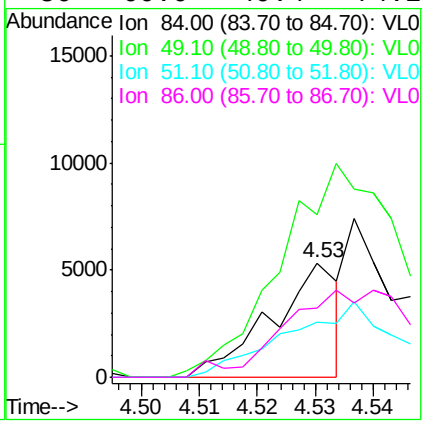


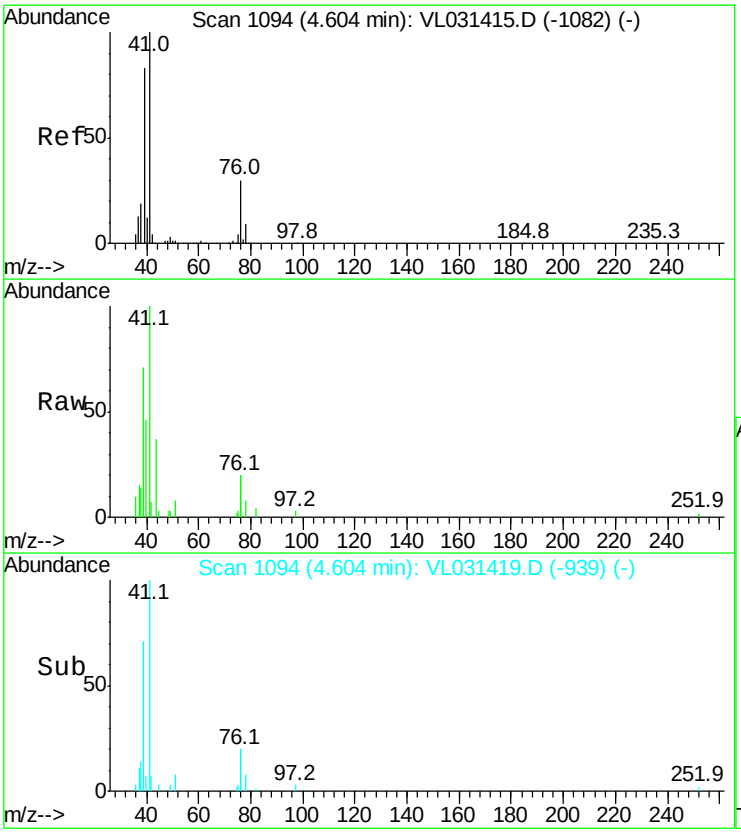
#20
Methylene Chloride
Concen: 0.06 ppbv
RT: 4.53 min Scan# 1071
Delta R.T. -0.01 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 84 Resp: 4322

Ion	Ratio	Lower	Upper
84	100		
49	135.9	123.4	185.0
51	48.4	35.6	53.4
86	60.0	49.4	74.2

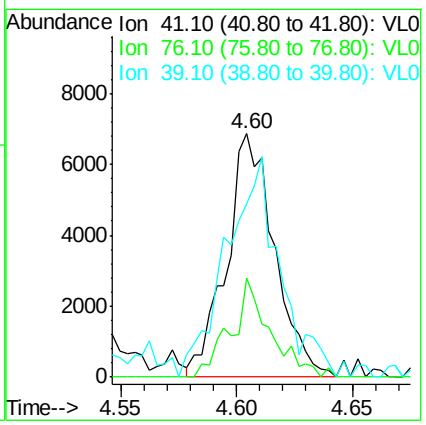


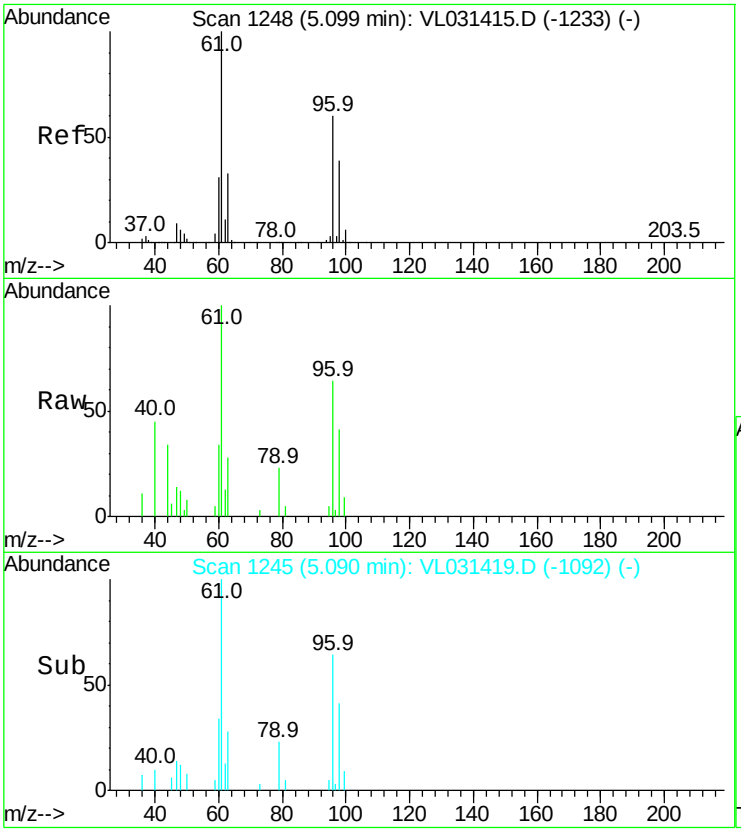


#21
Allyl Chloride
Concen: 0.09 ppbv
RT: 4.60 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Tgt Ion: 41 Resp: 9861

Ion	Ratio	Lower	Upper
41	100		
76	33.5	24.2	36.2
39	103.0	69.8	104.8



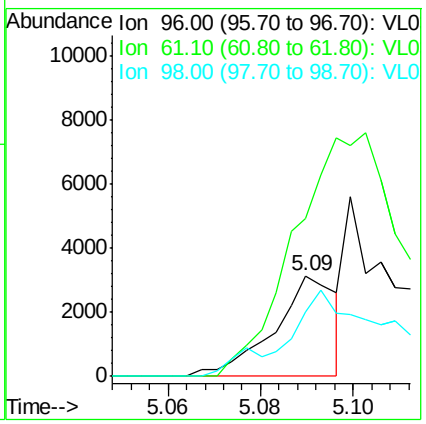


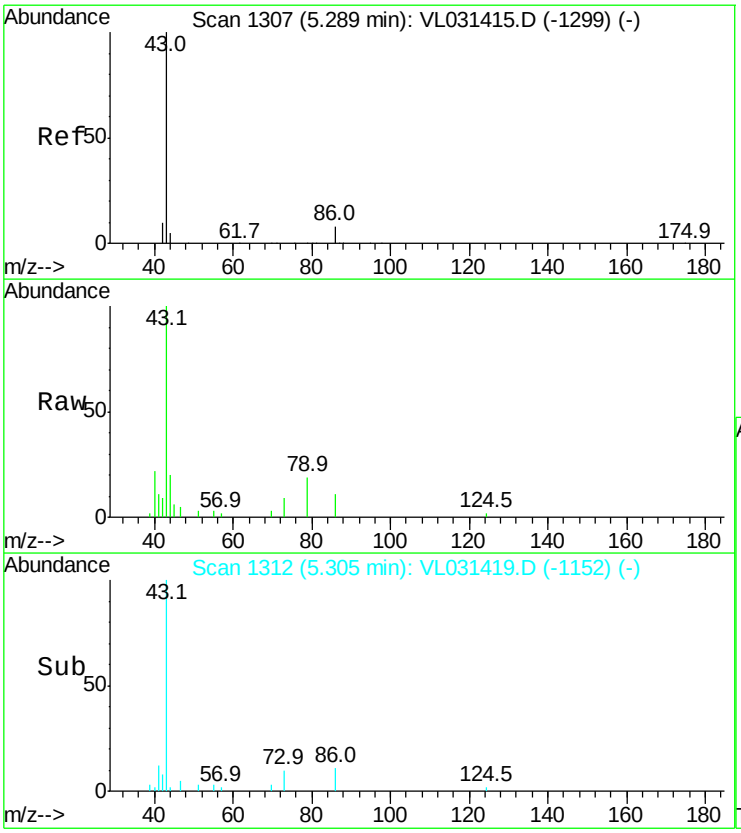
#22
trans-1,2-Dichloroethene
Concen: 0.04 ppbv
RT: 5.09 min Scan# 1245
Delta R.T. -0.01 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 96 Resp: 2887

Ion	Ratio	Lower	Upper
96	100		
61	157.2	135.0	202.4
98	63.7	52.2	78.2

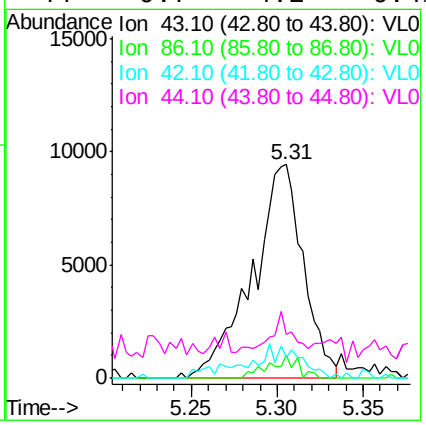


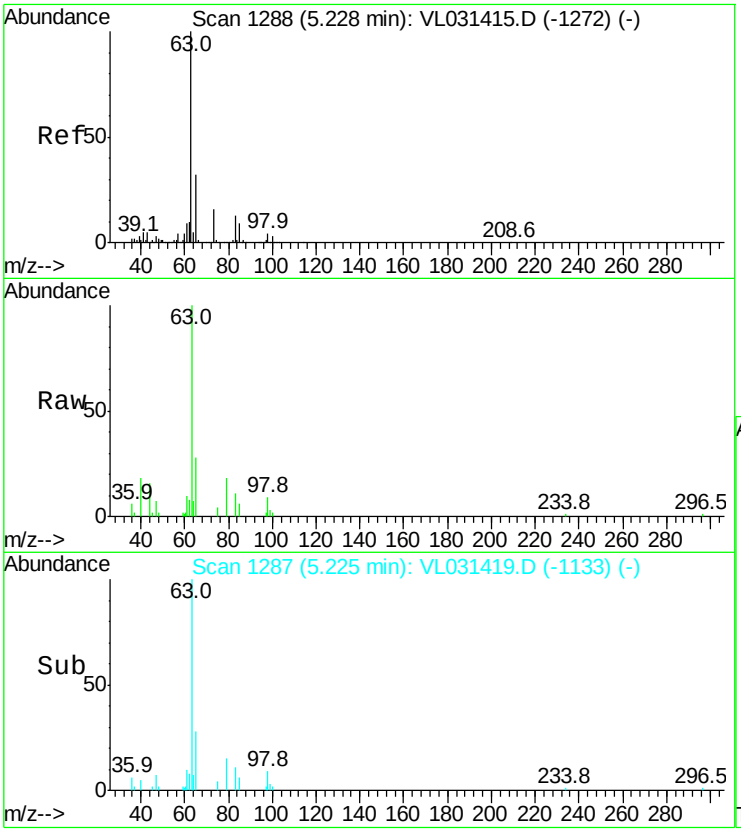


#23
Vinyl Acetate
Concen: 0.08 ppbv
RT: 5.31 min Scan# 1312
Delta R.T. 0.01 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Tgt Ion: 43 Resp: 19467

Ion	Ratio	Lower	Upper
43	100		
86	10.7	5.6	8.4#
42	9.3	8.6	12.8
44	9.7	4.2	6.4#



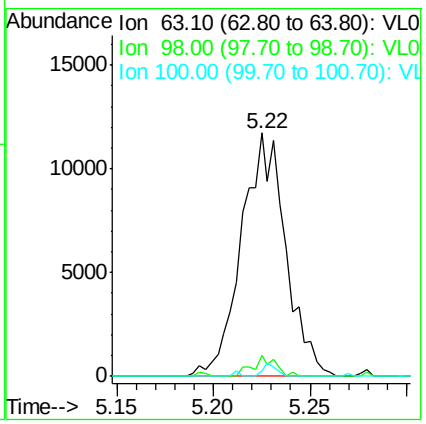


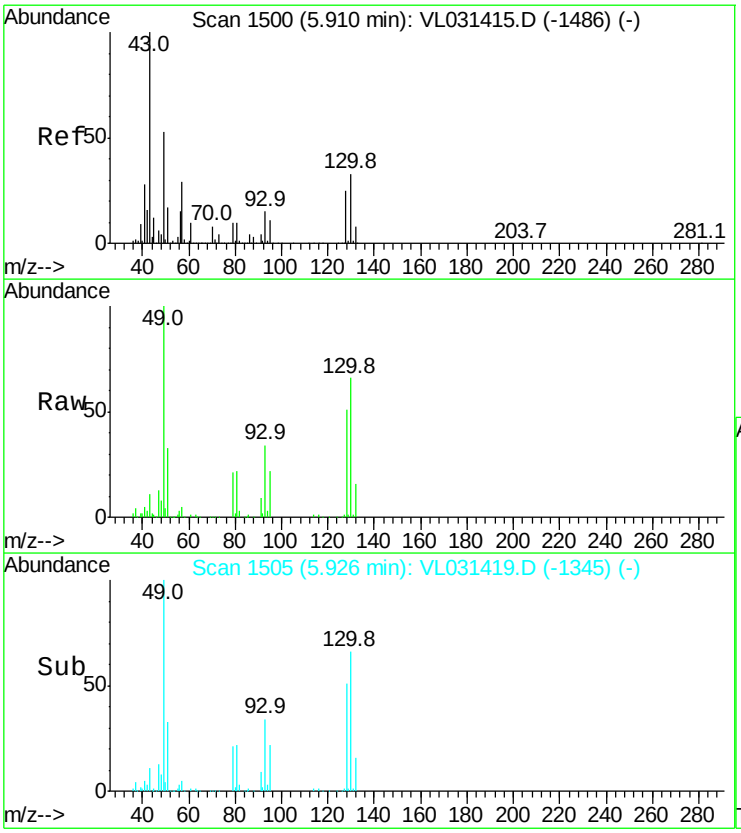
#24
1,1-Dichloroethane
Concen: 0.09 ppbv
RT: 5.22 min Scan# 1287
Delta R.T. -0.01 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 63 Resp: 18621

Ion	Ratio	Lower	Upper
63	100		
98	8.8	2.4	7.1#
100	2.2	1.3	3.9

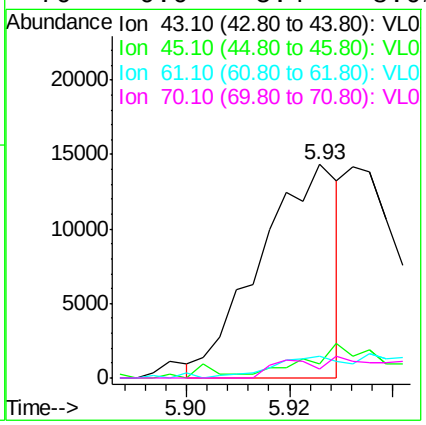


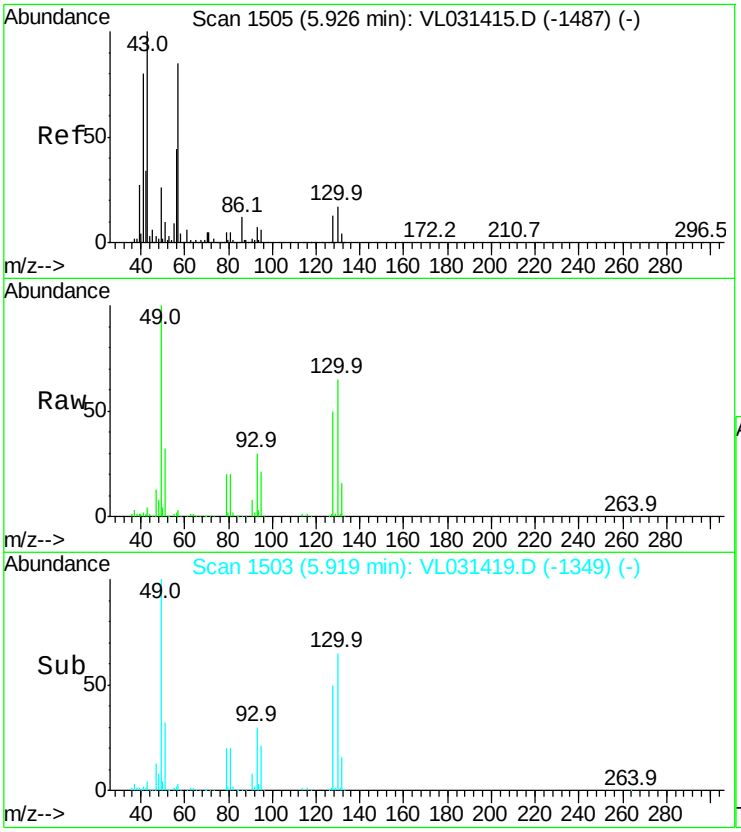


#25
Ethyl Acetate
Concen: 0.04 ppbv
RT: 5.93 min Scan# 1505
Delta R.T. 0.01 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Tgt Ion: 43 Resp: 15038

Ion	Ratio	Lower	Upper
43	100		
45	0.0	7.8	11.6#
61	0.0	7.0	10.6#
70	0.0	5.4	8.0#



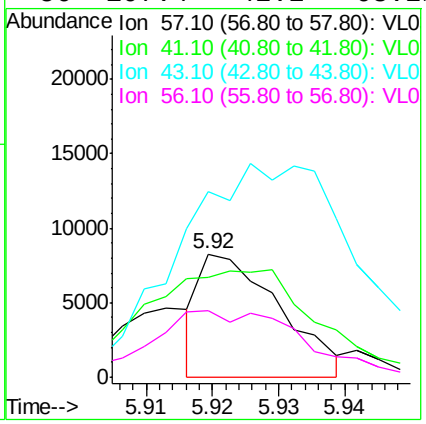


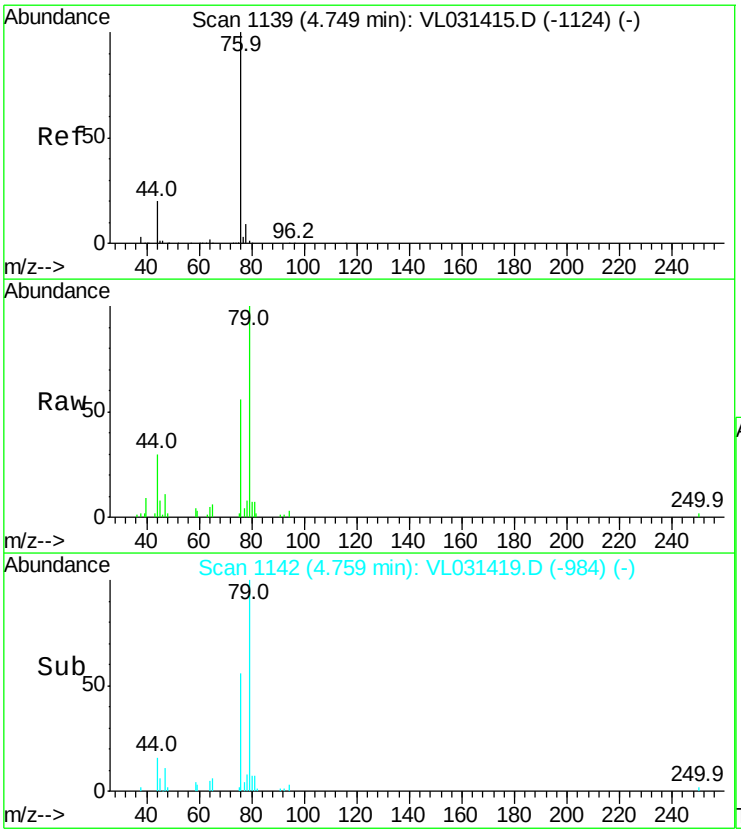
#26
Hexane
Concen: 0.04 ppbv
RT: 5.92 min Scan# 1503
Delta R.T. -0.01 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 57 Resp: 6881

Ion	Ratio	Lower	Upper
57	100		
41	193.1	77.1	115.7#
43	414.1	180.7	271.1#
56	107.4	42.2	63.2#

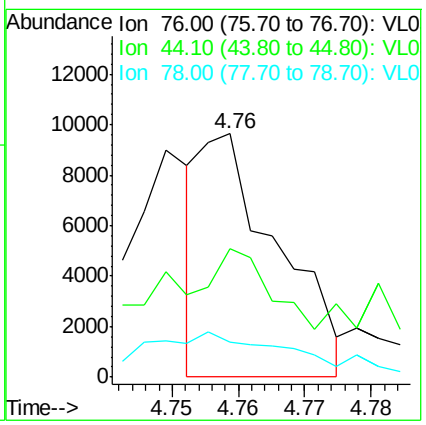


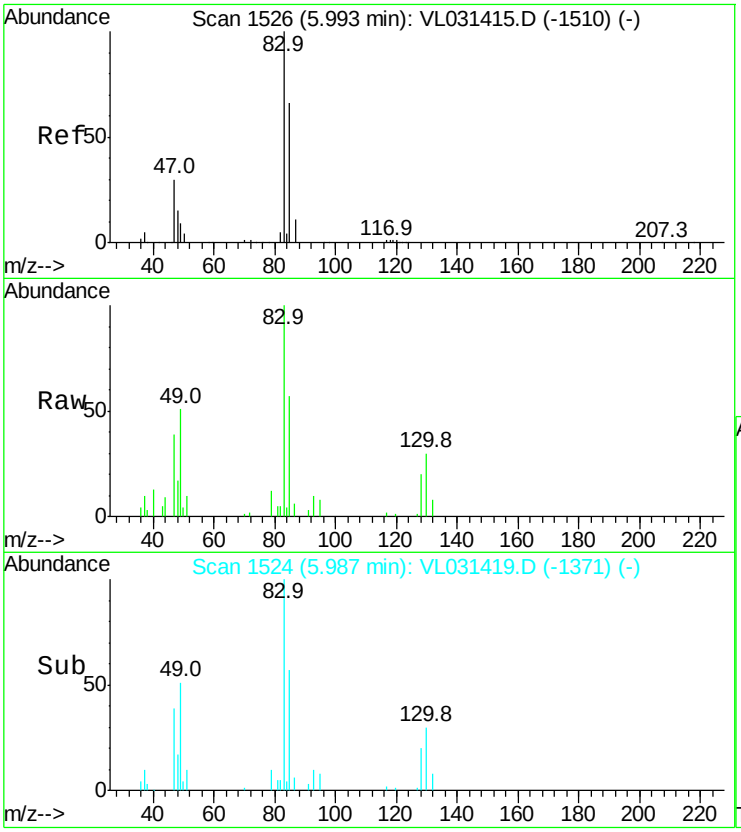


#27
Carbon Disulfide
Concen: 0.04 ppbv
RT: 4.76 min Scan# 1142
Delta R.T. 0.01 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Tgt Ion: 76 Resp: 7790

Ion	Ratio	Lower	Upper
76	100		
44	109.1	16.7	25.1#
78	38.4	7.5	11.3#



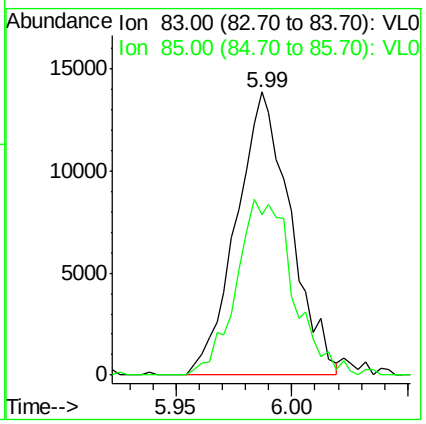


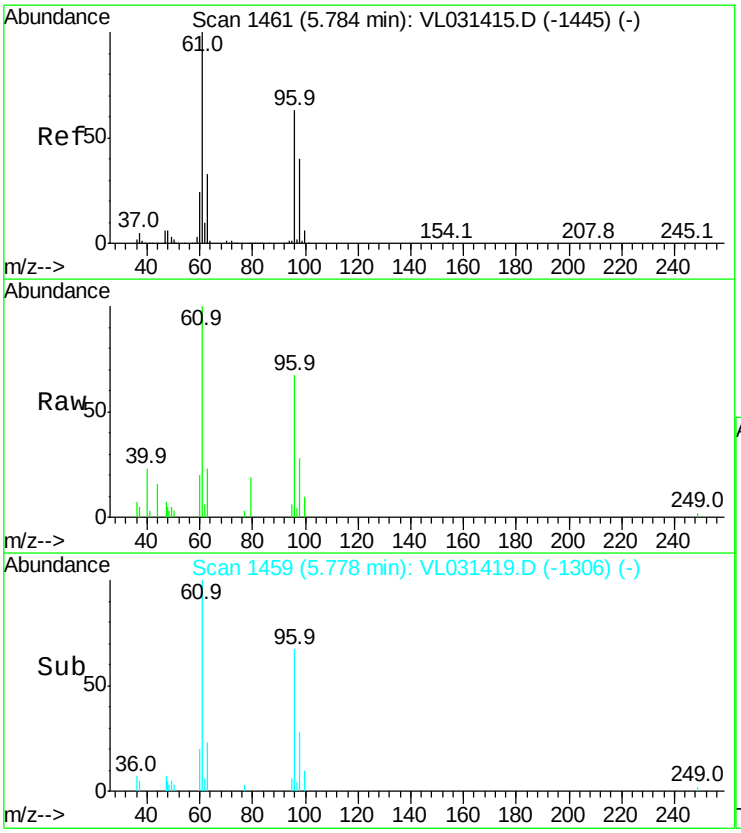
#29
Chloroform
Concen: 0.09 ppbv
RT: 5.99 min Scan# 1524
Delta R.T. -0.01 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 83 Resp: 22603

Ion	Ratio	Lower	Upper
83	100		
85	56.6	51.3	76.9

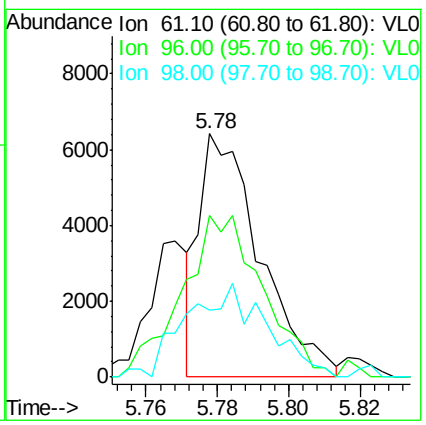


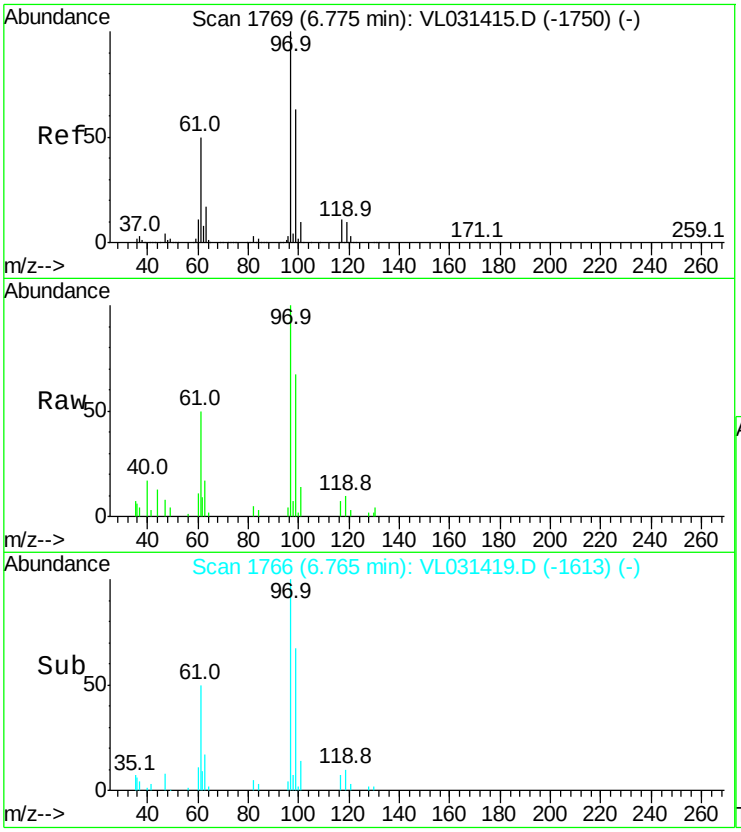


#31
cis-1,2-Dichloroethene
Concen: 0.05 ppbv
RT: 5.78 min Scan# 1459
Delta R.T. -0.01 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Tgt Ion: 61 Resp: 7563

Ion	Ratio	Lower	Upper
61	100		
96	69.5	51.3	76.9
98	28.9	33.6	50.4#



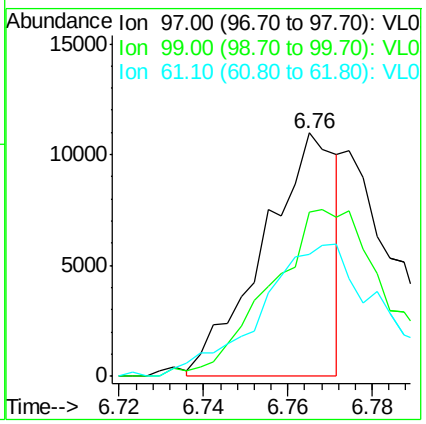


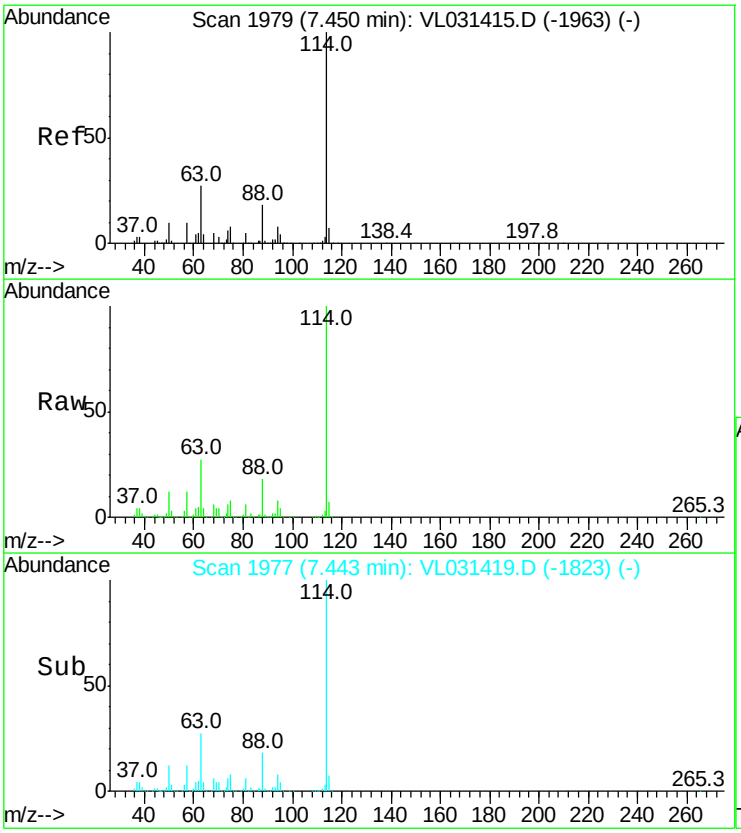
#32
1,1,1-Trichloroethane
Concen: 0.05 ppbv
RT: 6.76 min Scan# 1766
Delta R.T. -0.01 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 97 Resp: 13156

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.9	77.9#
61	0.0	40.6	61.0#

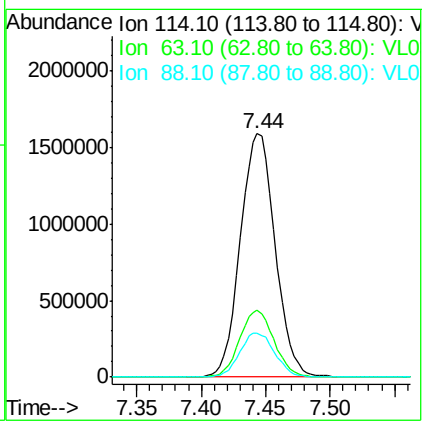


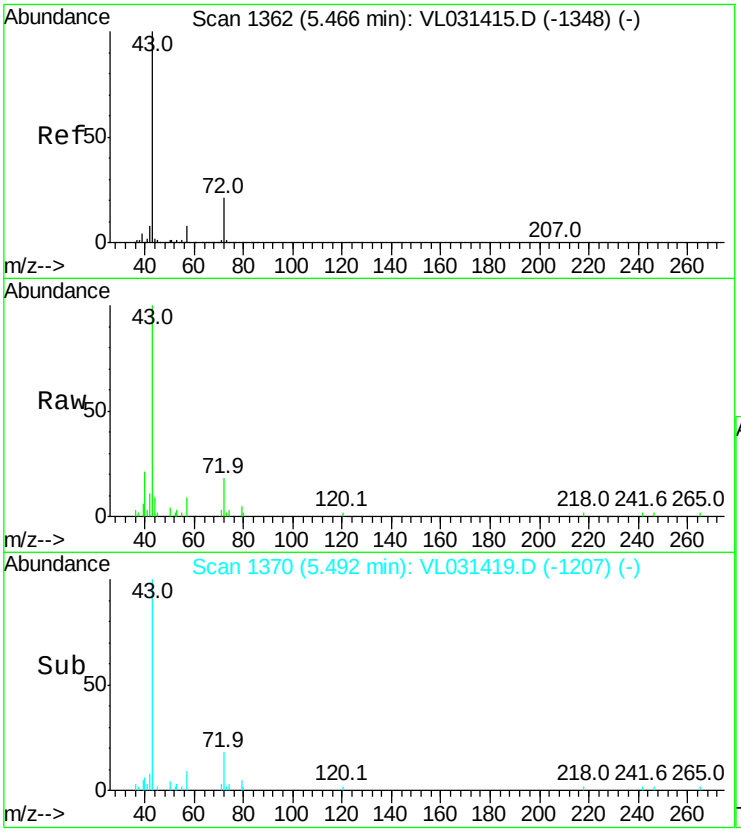


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.44 min Scan# 1977
Delta R.T. -0.01 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Tgt Ion:114 Resp: 2988289

Ion	Ratio	Lower	Upper
114	100		
63	27.5	22.5	33.7
88	18.4	14.6	22.0



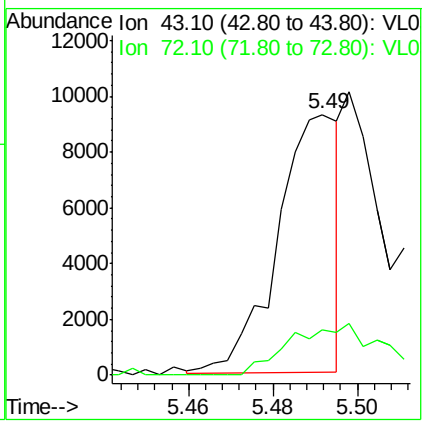


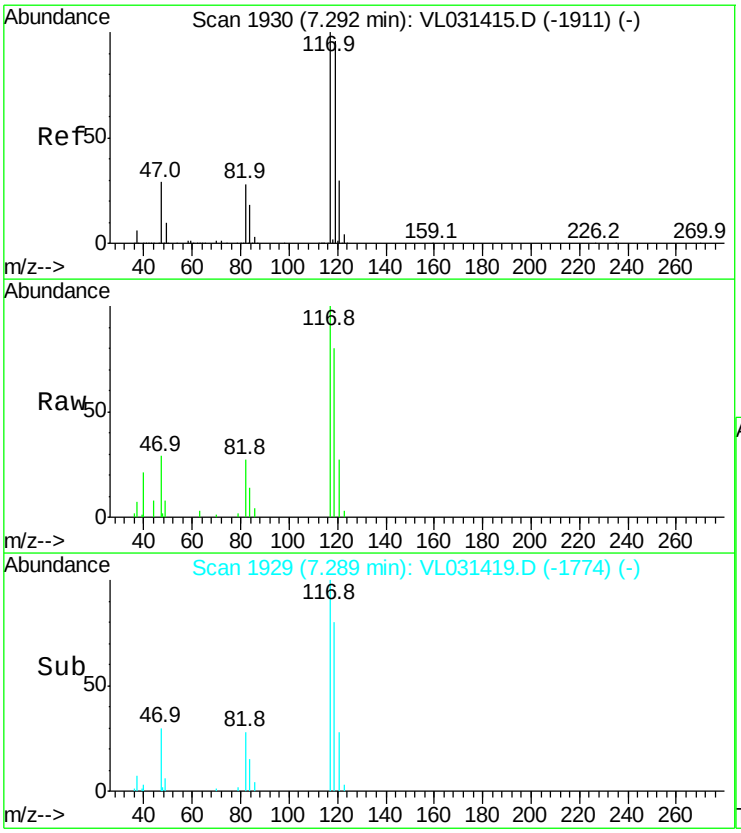
#34
2-Butanone
Concen: 0.04 ppbv
RT: 5.49 min Scan# 1370
Delta R.T. 0.02 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 43 Resp: 9327

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.8	25.2#

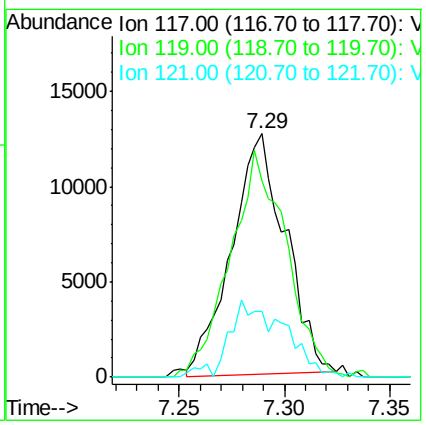


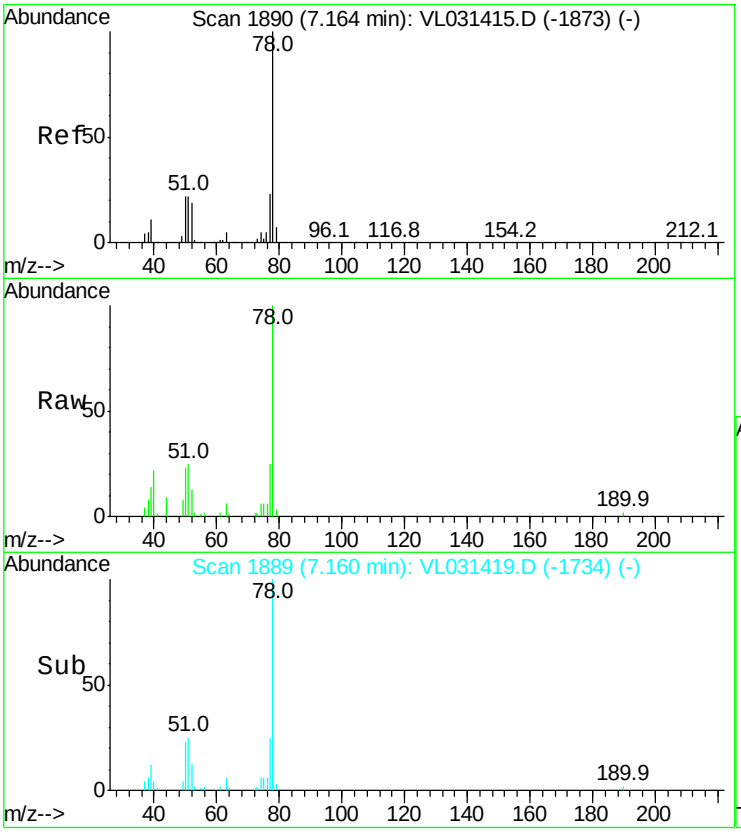


#35
Carbon Tetrachloride
Concen: 0.08 ppbv
RT: 7.29 min Scan# 1929
Delta R.T. -0.00 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Tgt Ion:117 Resp: 22529

Ion	Ratio	Lower	Upper
117	100		
119	80.6	74.2	111.4
121	26.0	24.2	36.4



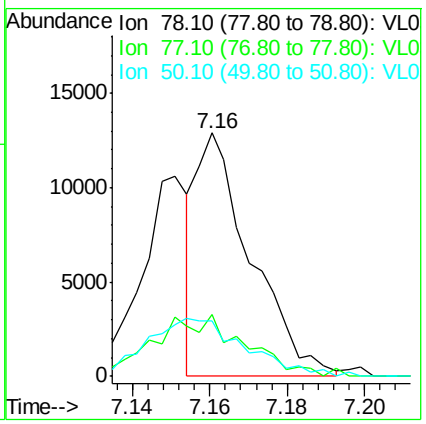


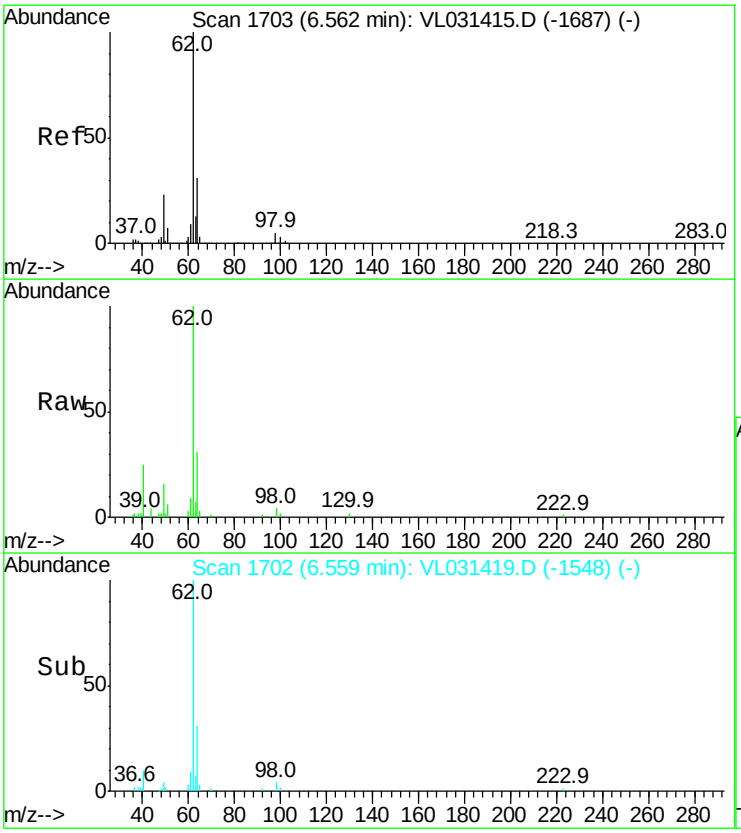
#36
Benzene
Concen: 0.04 ppbv
RT: 7.16 min Scan# 1889
Delta R.T. -0.00 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 78 Resp: 12565

Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.7	28.1
50	21.6	18.4	27.6

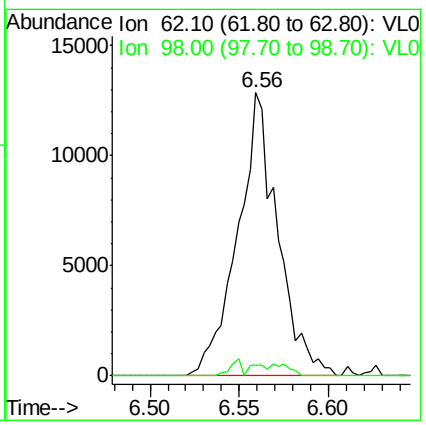


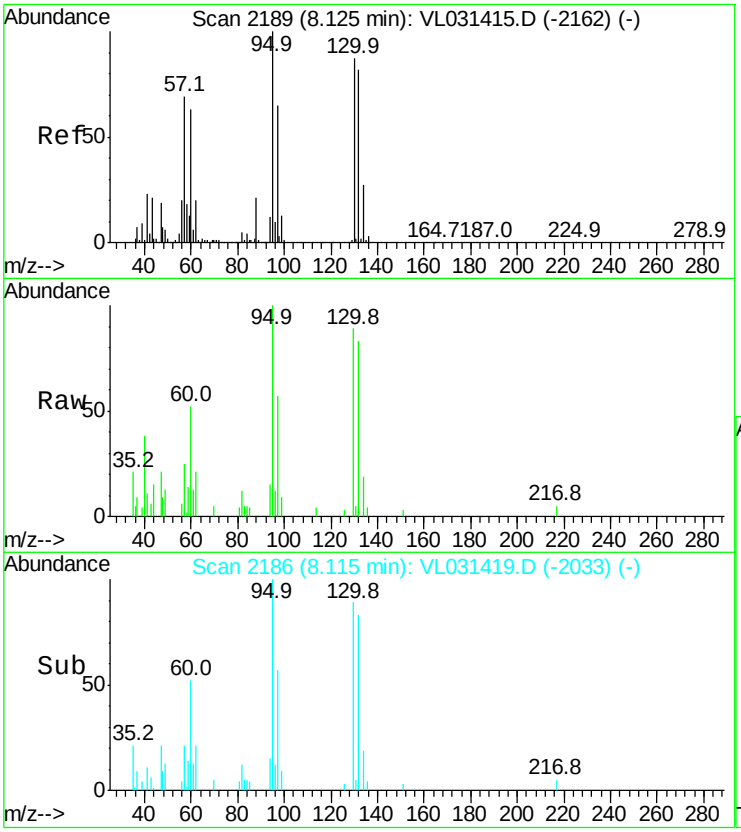


#37
1,2-Dichloroethane
Concen: 0.09 ppbv
RT: 6.56 min Scan# 1702
Delta R.T. -0.01 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Tgt Ion: 62 Resp: 20068

Ion	Ratio	Lower	Upper
62	100		
98	5.3	4.1	6.1



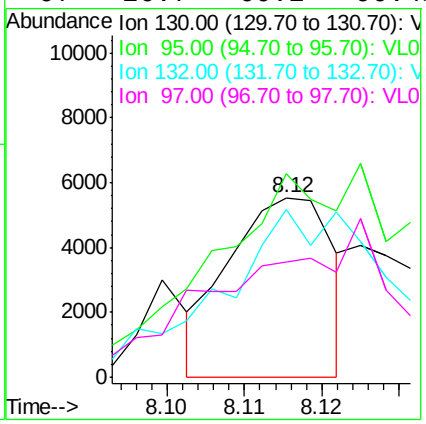


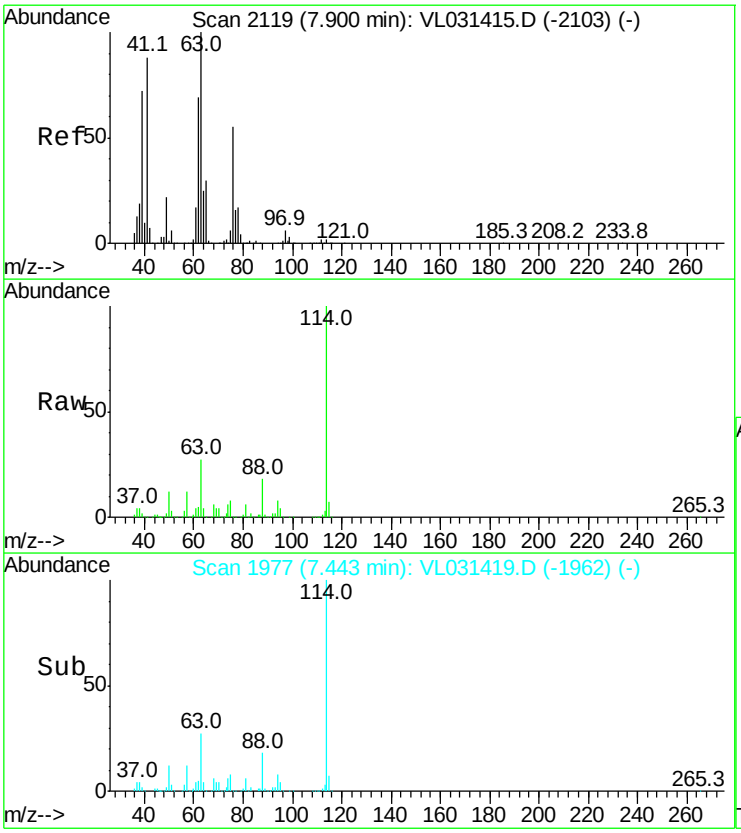
#38
Trichloroethene
Concen: 0.04 ppbv
RT: 8.12 min Scan# 2186
Delta R.T. -0.01 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:130 Resp: 5148

Ion	Ratio	Lower	Upper
130	100		
95	106.5	92.9	139.3
132	104.0	74.9	112.3
97	26.7	60.2	90.4#

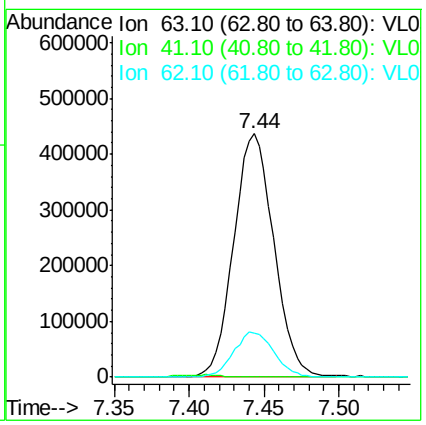


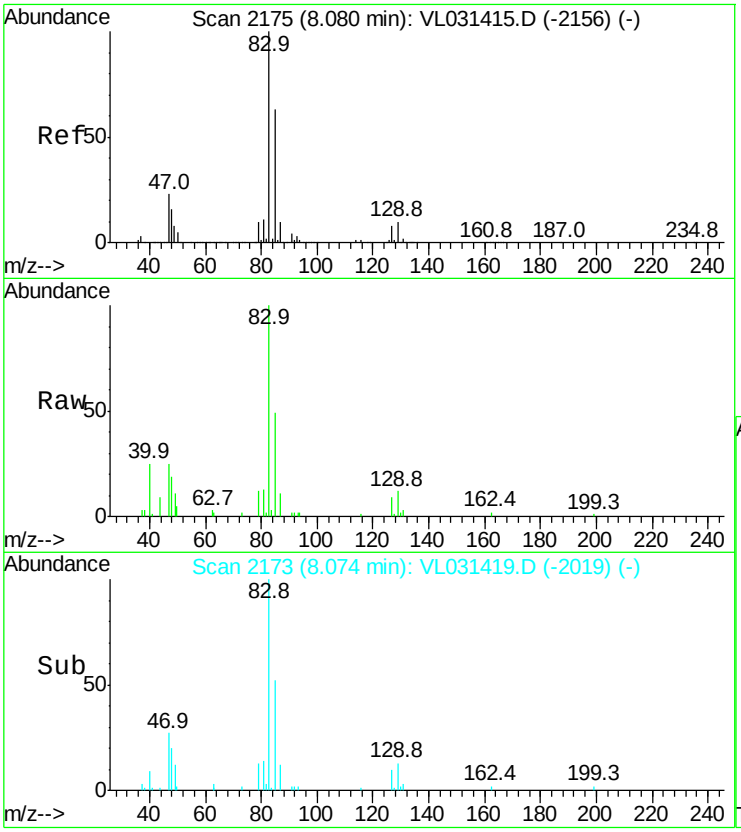


#39
1,2-Dichloropropane
Concen: 7.11 ppbv
RT: 7.44 min Scan# 1977
Delta R.T. -0.45 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Tgt Ion: 63 Resp: 813430

Ion	Ratio	Lower	Upper
63	100		
41	0.1	67.6	101.4#
62	18.1	51.8	77.6#



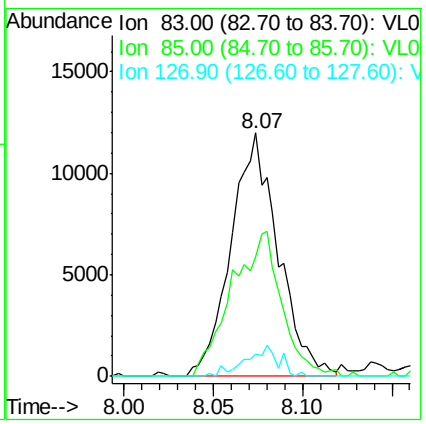


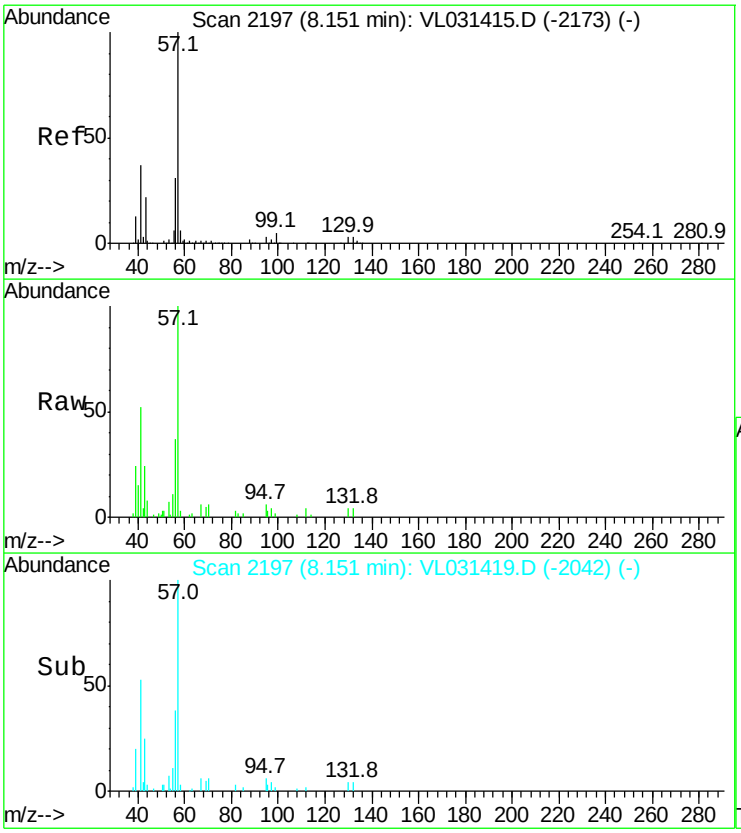
#42
Bromodichloromethane
Concen: 0.08 ppbv
RT: 8.07 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 83 Resp: 22164

Ion	Ratio	Lower	Upper
83	100		
85	48.9	52.1	78.1#
127	9.1	6.6	10.0

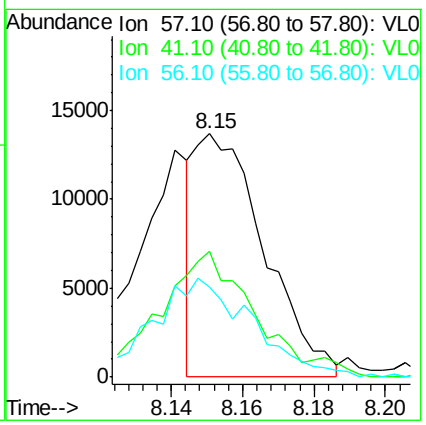


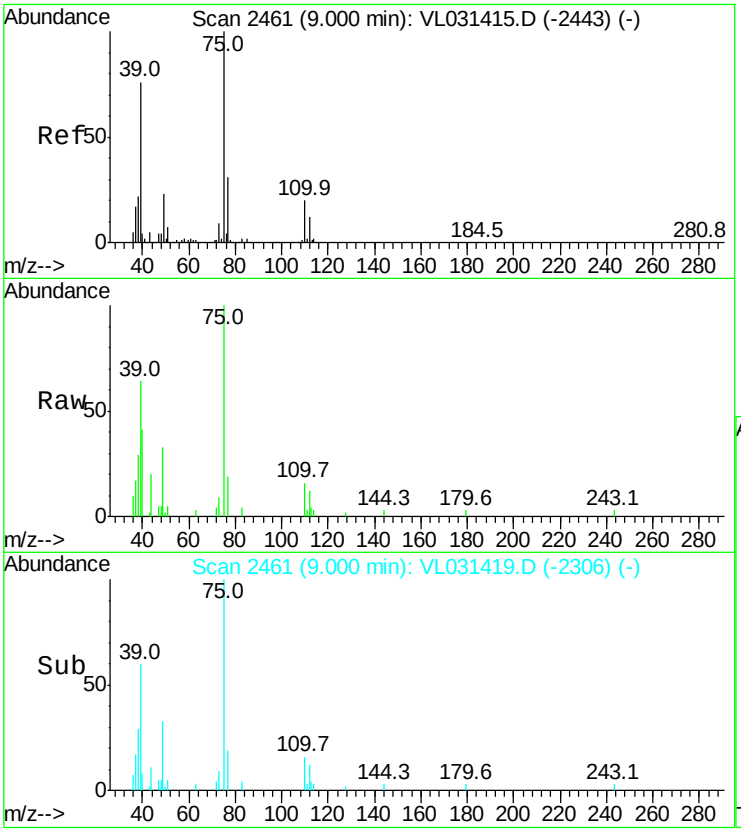


#44
2,2,4-Trimethylpentane
Concen: 0.04 ppbv
RT: 8.15 min Scan# 2197
Delta R.T. -0.00 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Tgt Ion: 57 Resp: 18300

Ion	Ratio	Lower	Upper
57	100		
41	75.4	28.8	43.2#
56	59.7	24.6	37.0#



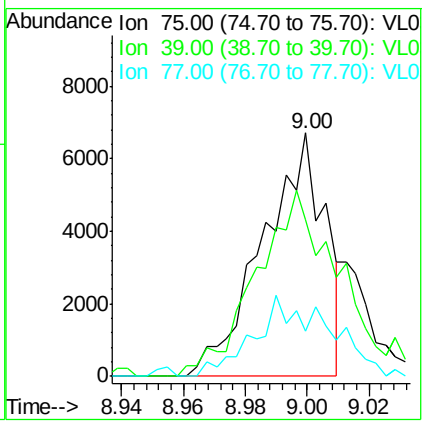


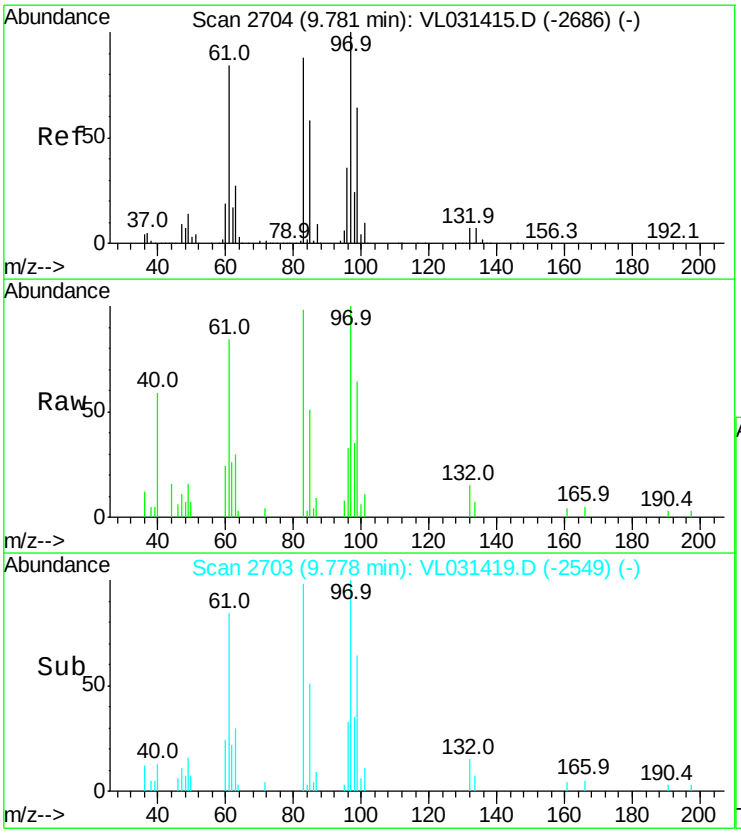
#46
cis-1,3-Dichloropropene
Concen: 0.05 ppbv
RT: 9.00 min Scan# 2461
Delta R.T. -0.00 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 75 Resp: 9374

Ion	Ratio	Lower	Upper
75	100		
39	59.9	59.4	89.0
77	18.8	25.0	37.4#

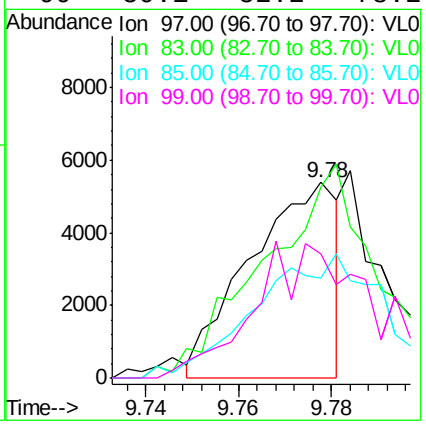


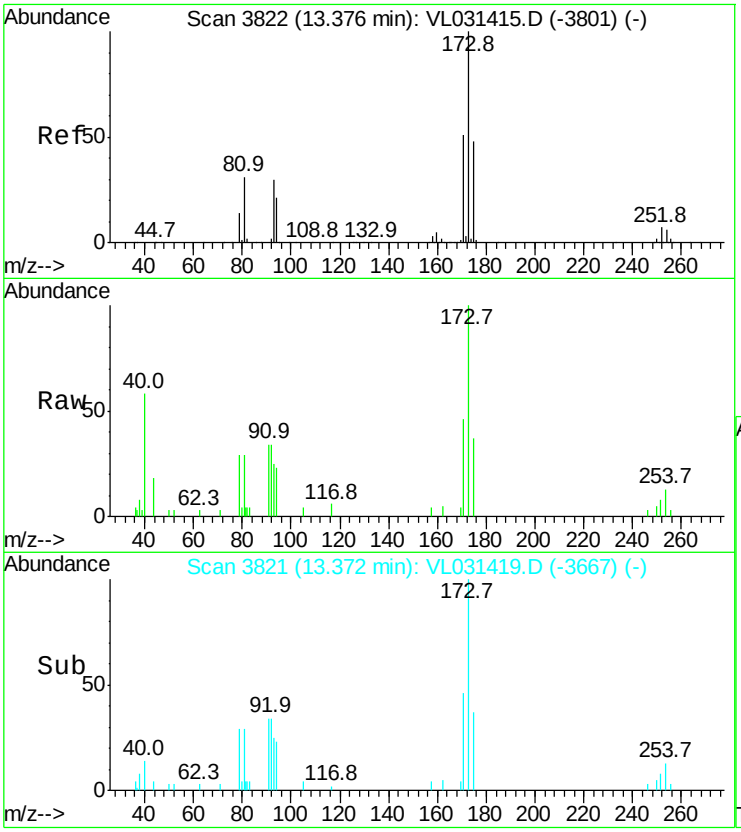


#47
1,1,2-Trichloroethane
Concen: 0.05 ppbv
RT: 9.78 min Scan# 2703
Delta R.T. -0.01 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Tgt Ion: 97 Resp: 7062

Ion	Ratio	Lower	Upper
97	100		
83	88.3	71.4	107.2
85	46.6	46.2	69.2
99	59.1	52.2	78.2



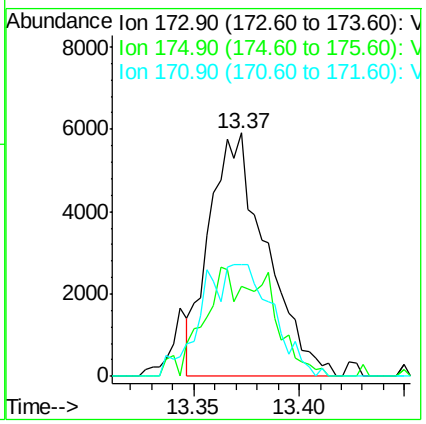


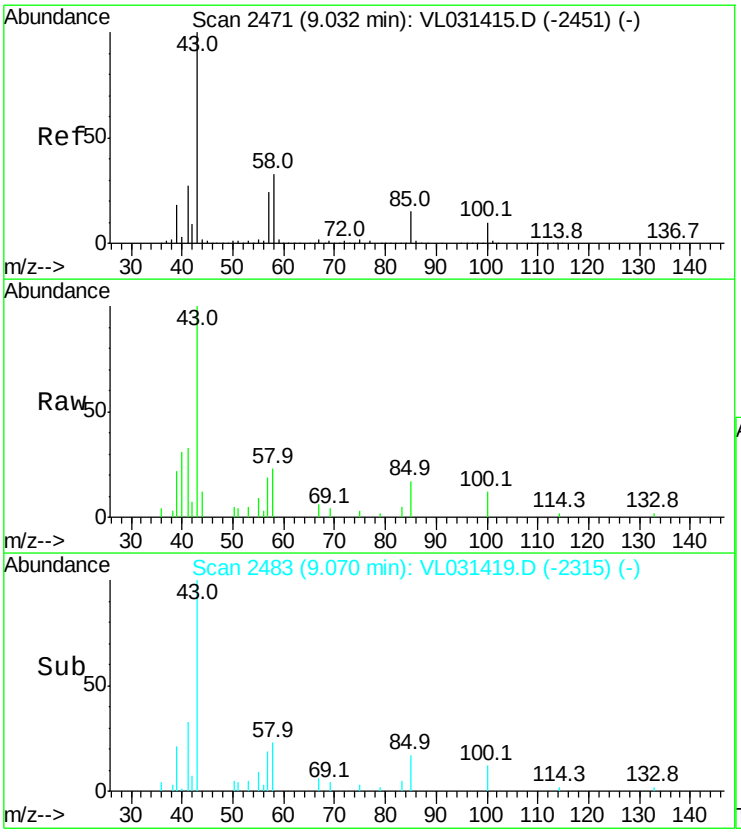
#49
Bromoform
Concen: 0.06 ppbv
RT: 13.37 min Scan# 3821
Delta R.T. -0.01 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:173 Resp: 11101

Ion	Ratio	Lower	Upper
173	100		
175	52.4	39.0	58.4
171	57.2	42.0	63.0

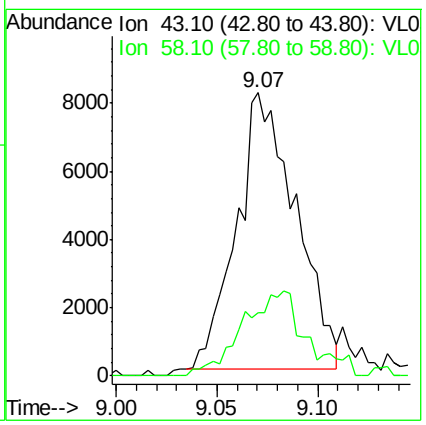


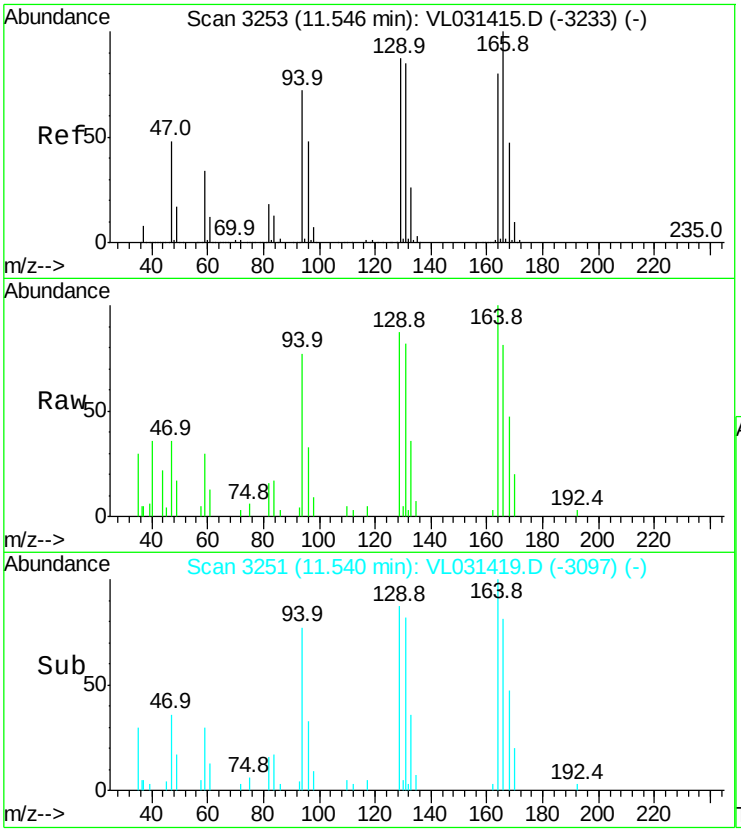


#50
4-Methyl-2-Pentanone
Concen: 0.05 ppbv
RT: 9.07 min Scan# 2483
Delta R.T. 0.04 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Tgt Ion: 43 Resp: 16591

Ion	Ratio	Lower	Upper
43	100		
58	34.0	27.1	40.7



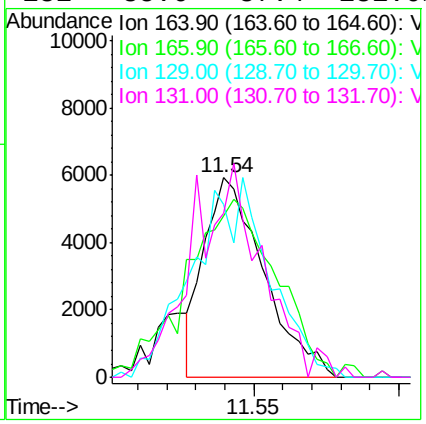


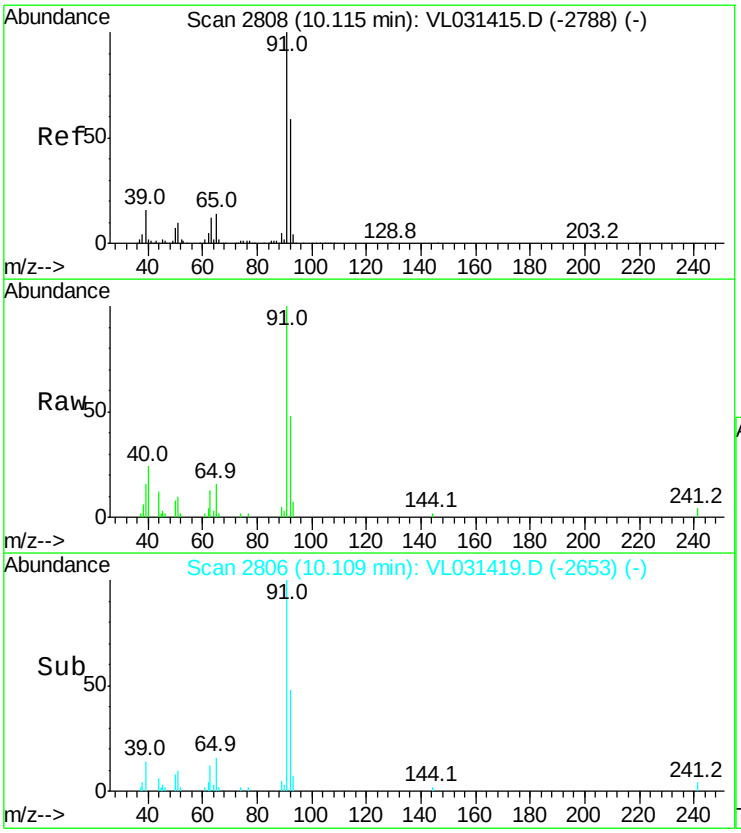
#52
Tetrachloroethene
Concen: 0.07 ppbv
RT: 11.54 min Scan# 3251
Delta R.T. -0.01 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:164 Resp: 8479

Ion	Ratio	Lower	Upper
164	100		
166	81.0	100.2	150.2#
129	82.2	91.4	137.0#
131	85.6	87.4	131.0#

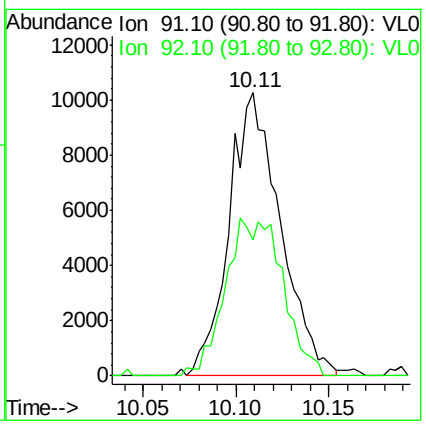


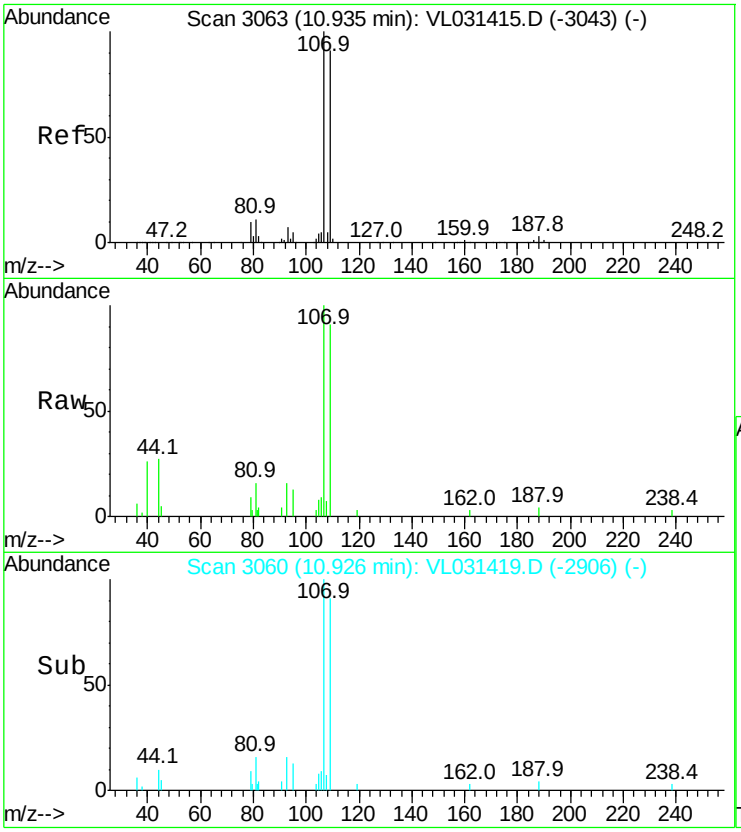


#53
Toluene
Concen: 0.05 ppbv
RT: 10.11 min Scan# 2806
Delta R.T. -0.01 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Tgt Ion: 91 Resp: 19791

Ion	Ratio	Lower	Upper
91	100		
92	62.1	47.8	71.6



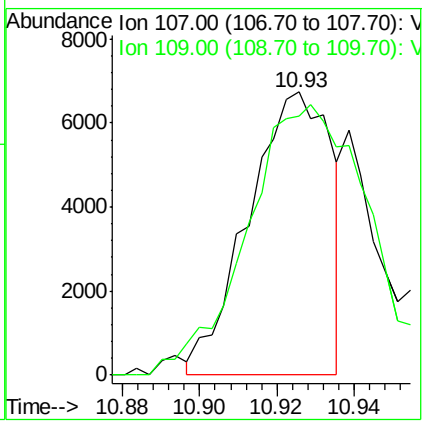


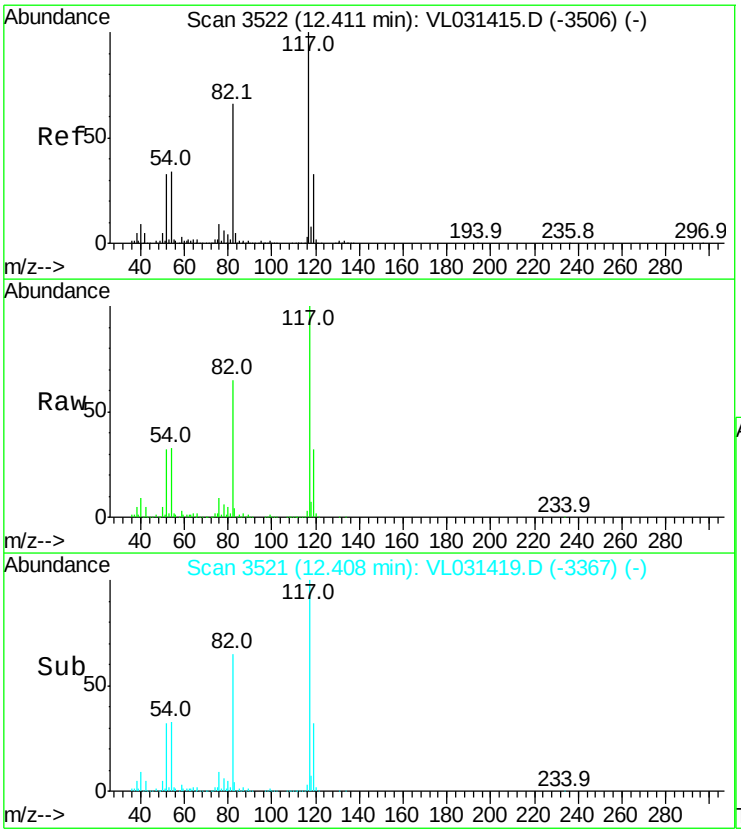
#54
1,2-Dibromoethane
Concen: 0.05 ppbv
RT: 10.93 min Scan# 3060
Delta R.T. -0.01 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:107 Resp: 10004

Ion	Ratio	Lower	Upper
107	100		
109	78.6	75.5	113.3

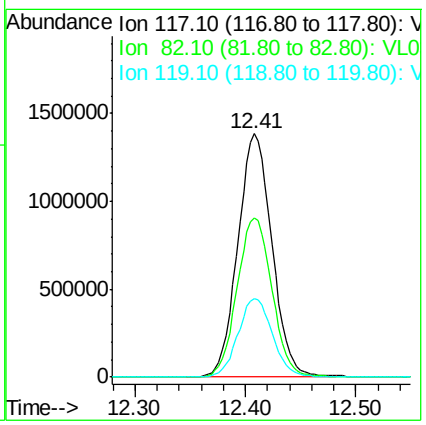


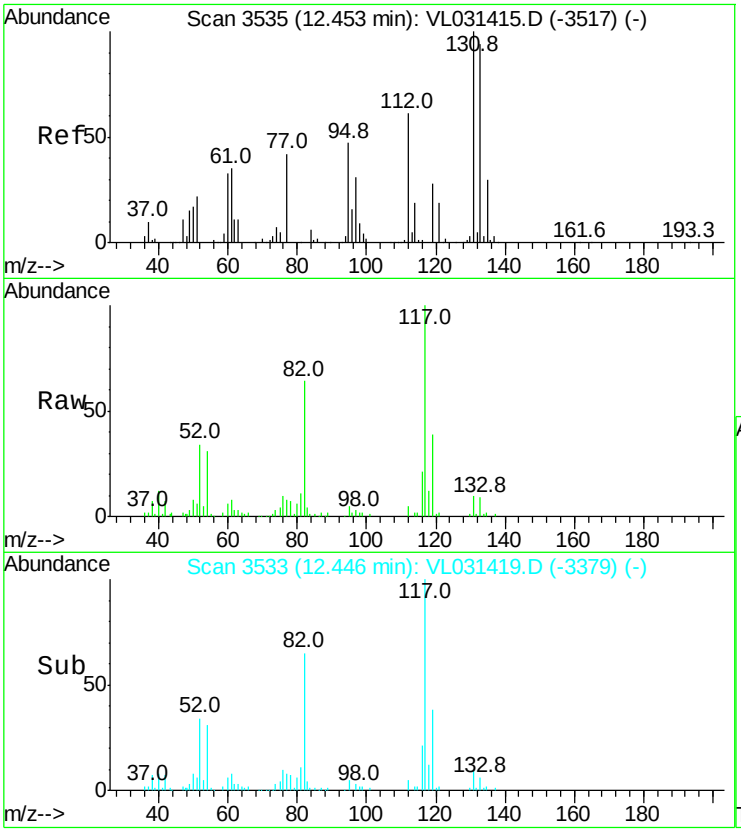


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.41 min Scan# 3521
Delta R.T. -0.01 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Tgt Ion:117 Resp: 2971223

Ion	Ratio	Lower	Upper
117	100		
82	67.2	51.8	77.6
119	32.8	24.2	36.2



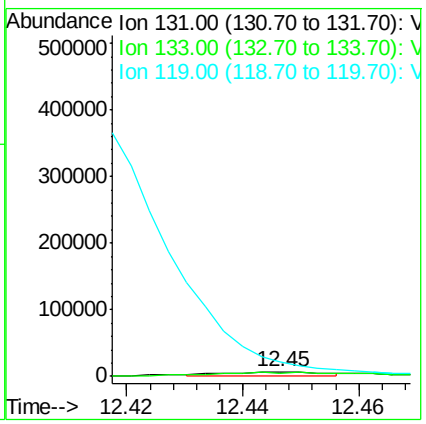


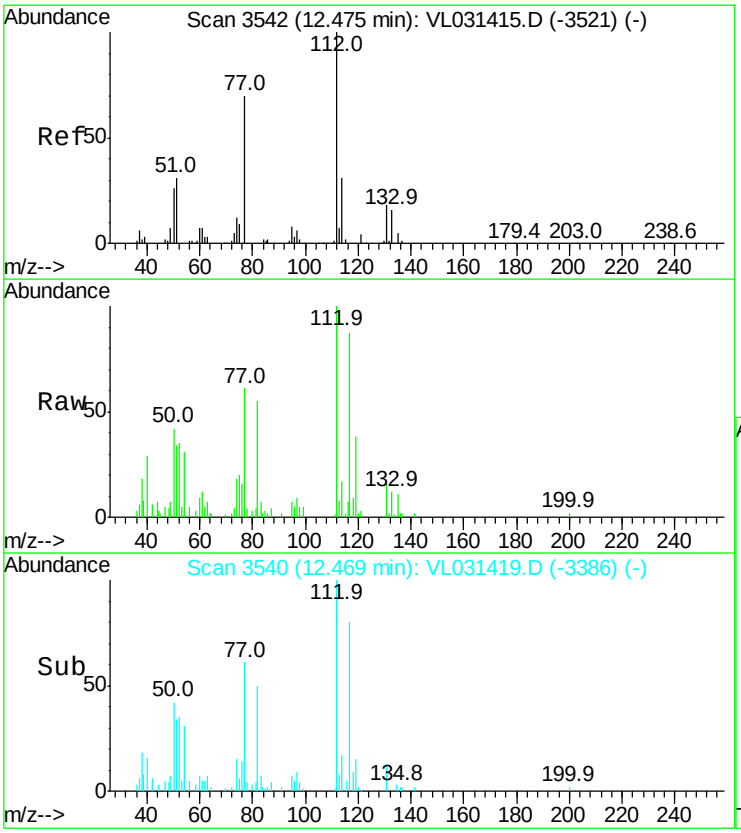
#56
1,1,1,2-Tetrachloroethane
Concen: 0.05 ppbv
RT: 12.45 min Scan# 3533
Delta R.T. -0.01 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:131 Resp: 8010

Ion	Ratio	Lower	Upper
131	100		
133	160.5	76.9	115.3#
119	0.0	47.7	71.5#

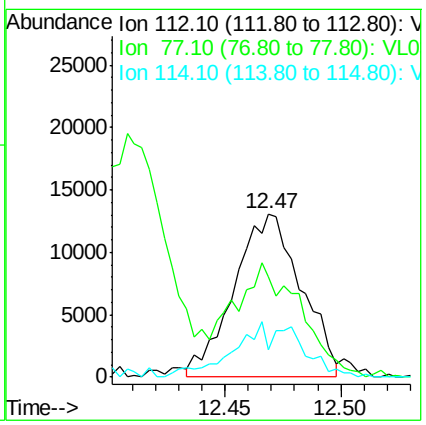


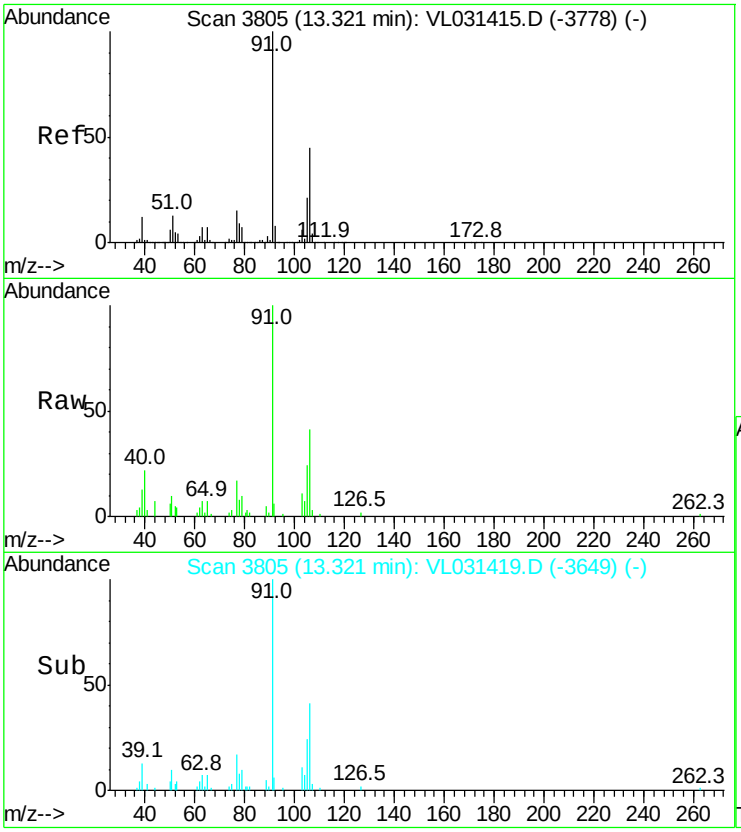


#57
Chlorobenzene
Concen: 0.09 ppbv
RT: 12.47 min Scan# 3540
Delta R.T. -0.01 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Tgt Ion:112 Resp: 26324

Ion	Ratio	Lower	Upper
112	100		
77	53.2	56.0	84.0#
114	12.1	29.1	35.5#



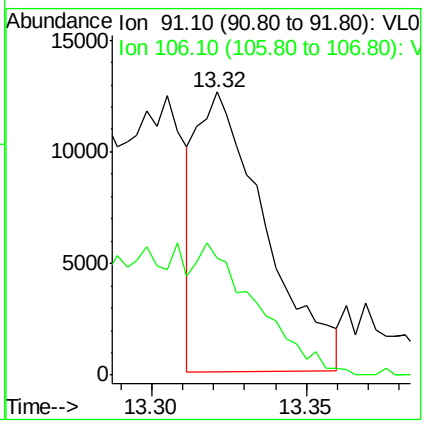


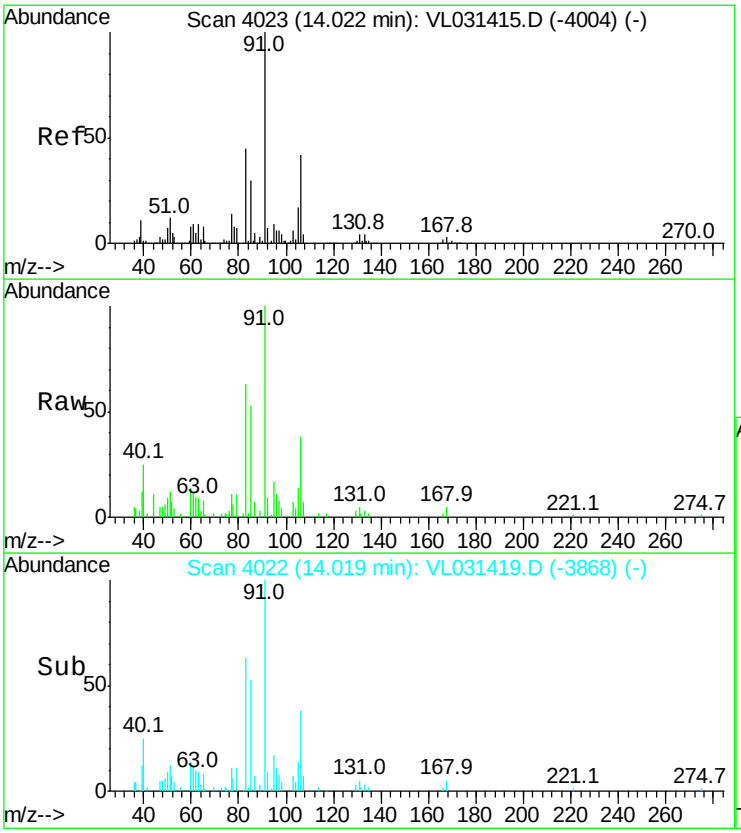
#59
m/p-Xylene
Concen: 0.05 ppbv
RT: 13.32 min Scan# 3805
Delta R.T. 0.00 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 91 Resp: 19328

Ion	Ratio	Lower	Upper
91	100		
106	110.7	35.6	53.4#

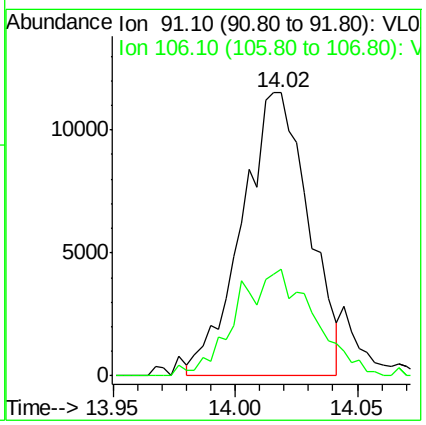


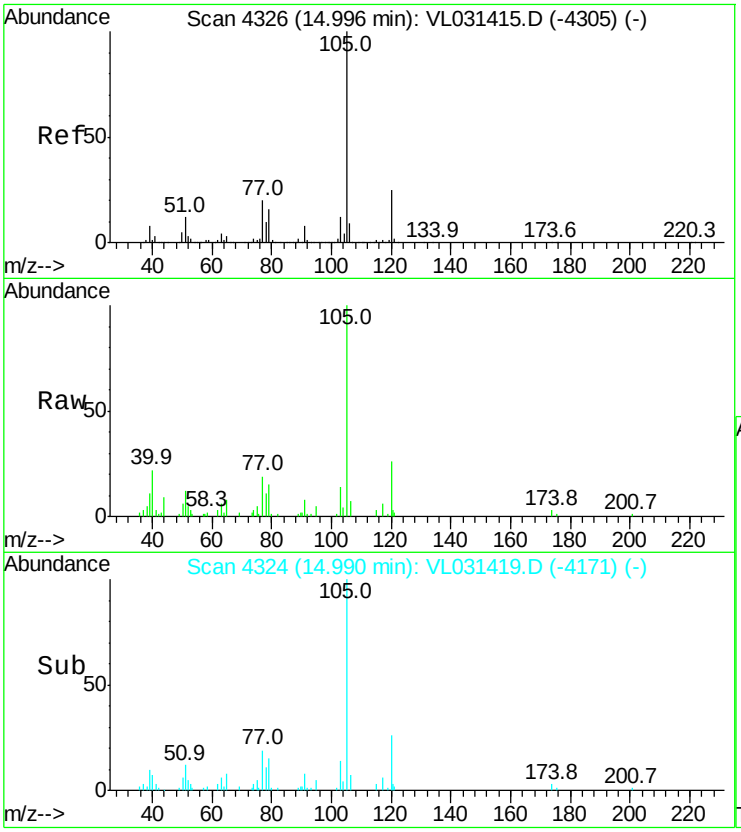


#60
o-Xylene
Concen: 0.05 ppbv
RT: 14.02 min Scan# 4022
Delta R.T. -0.01 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Tgt Ion: 91 Resp: 21775

Ion	Ratio	Lower	Upper
91	100		
106	44.1	21.3	64.0



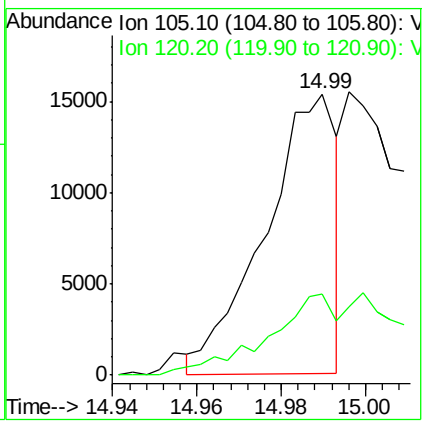


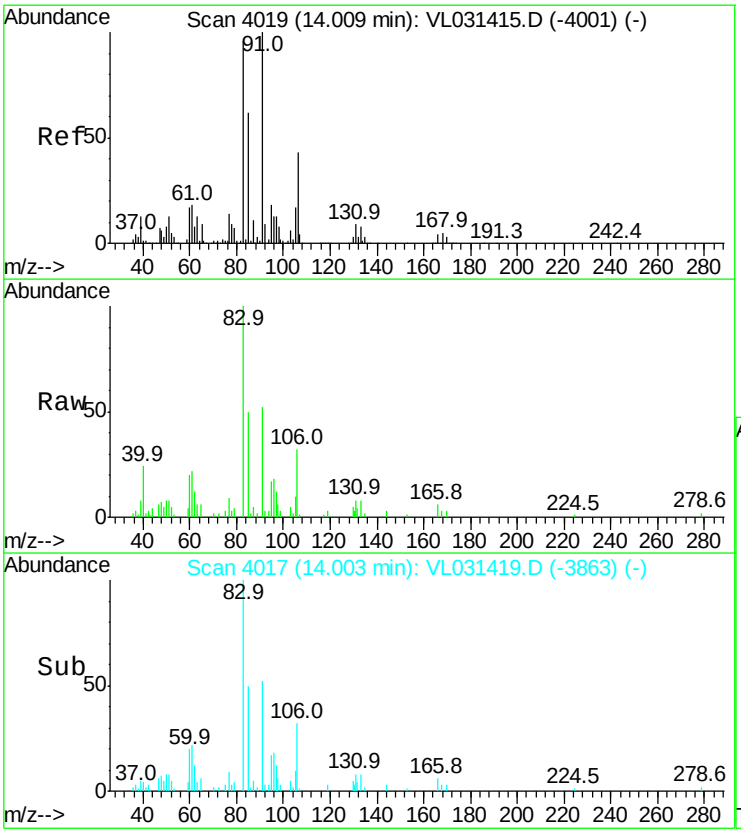
#62
Isopropylbenzene
Concen: 0.04 ppbv
RT: 14.99 min Scan# 4324
Delta R.T. -0.01 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:105 Resp: 18059

Ion	Ratio	Lower	Upper
105	100		
120	0.0	19.9	29.9#

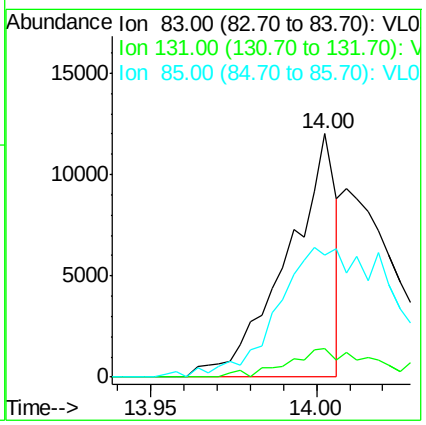


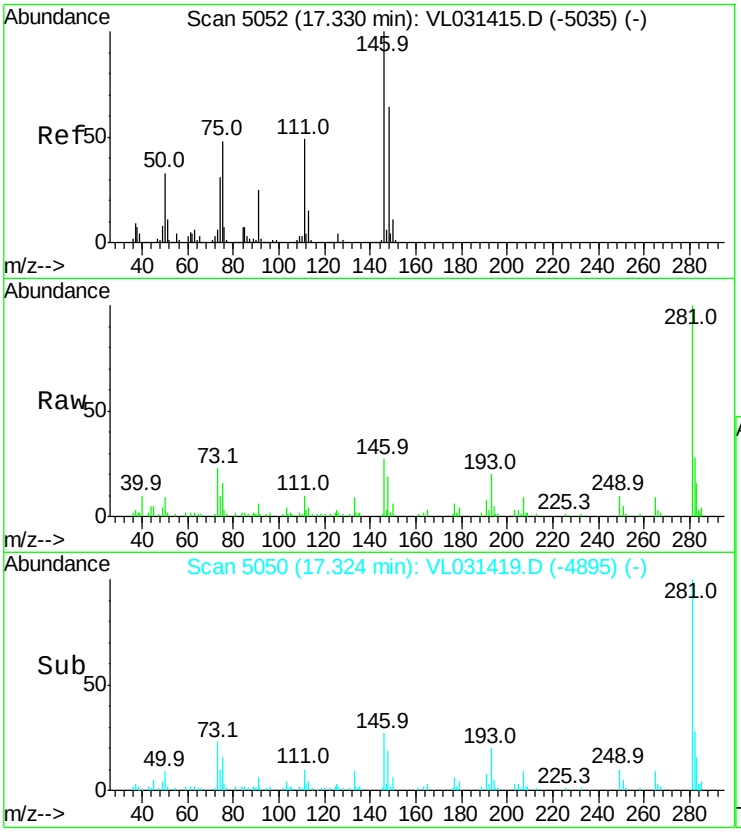


#63
1,1,2,2-Tetrachloroethane
Concen: 0.04 ppbv
RT: 14.00 min Scan# 4017
Delta R.T. -0.01 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Tgt Ion: 83 Resp: 12330

Ion	Ratio	Lower	Upper
83	100		
131	22.2	4.8	14.3#
85	134.4	32.4	97.0#



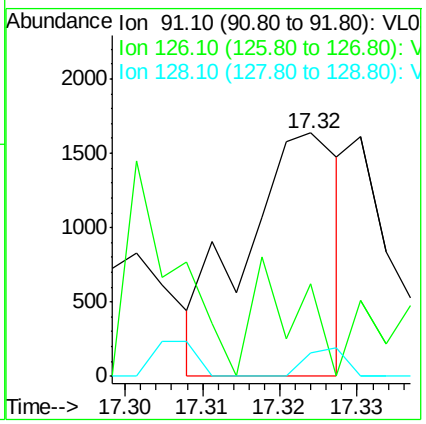


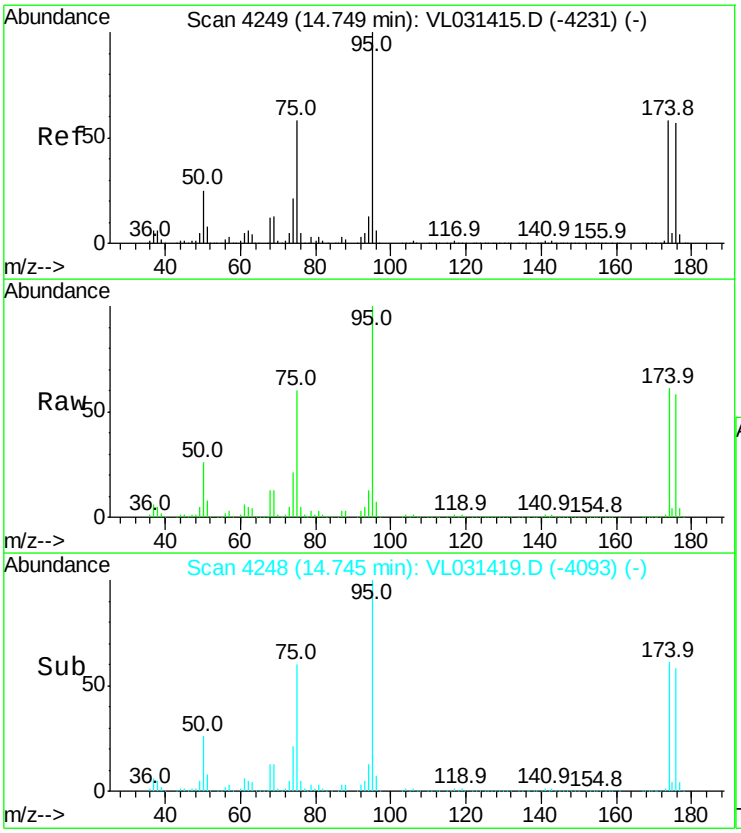
#66
Benzyl Chloride
Concen: 0.03 ppbv
RT: 17.32 min Scan# 5050
Delta R.T. -0.00 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 91 Resp: 1394

Ion	Ratio	Lower	Upper
91	100		
126	0.0	13.8	20.8#
128	0.0	4.6	6.8#

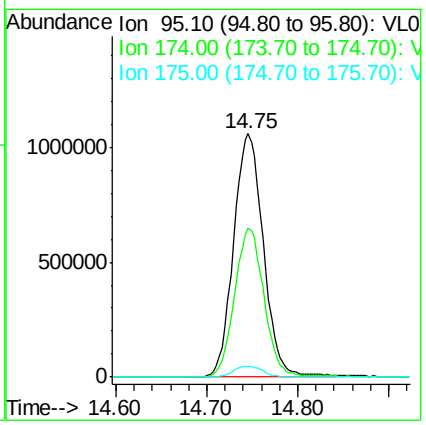


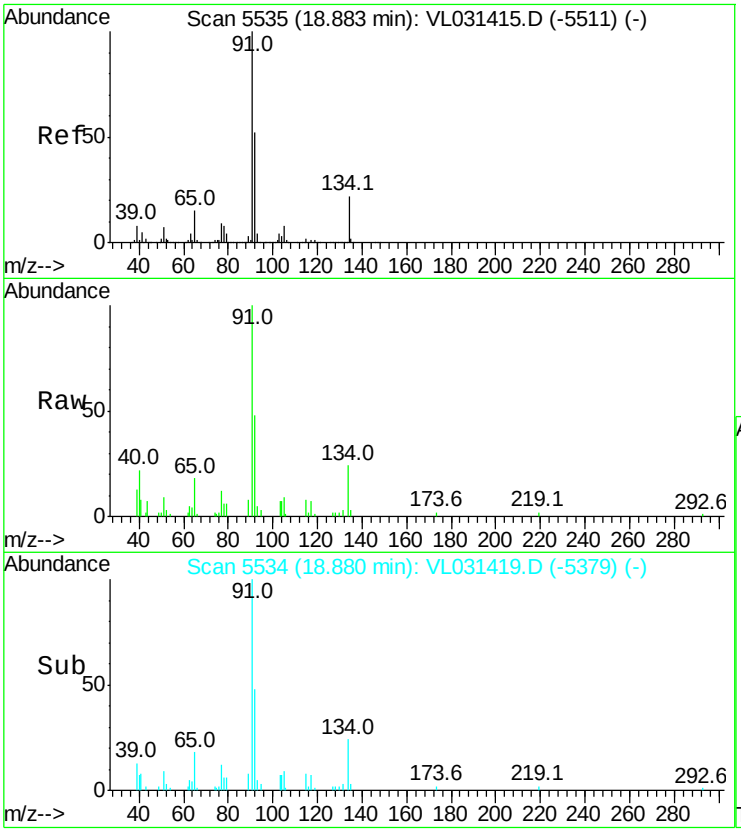


#68
1-Bromo-4-Fluorobenzene
Concen: 10.29 ppbv
RT: 14.75 min Scan# 4248
Delta R.T. -0.00 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Tgt Ion: 95 Resp: 2414266

Ion	Ratio	Lower	Upper
95	100		
174	61.2	48.2	72.4
175	4.5	3.6	5.4



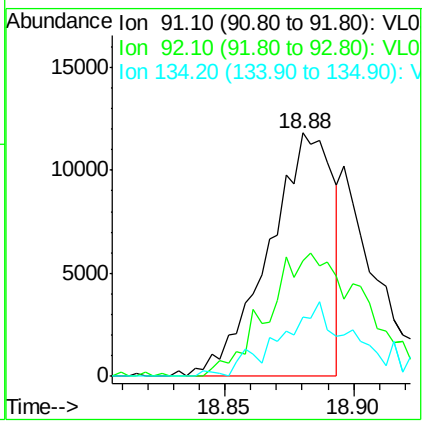


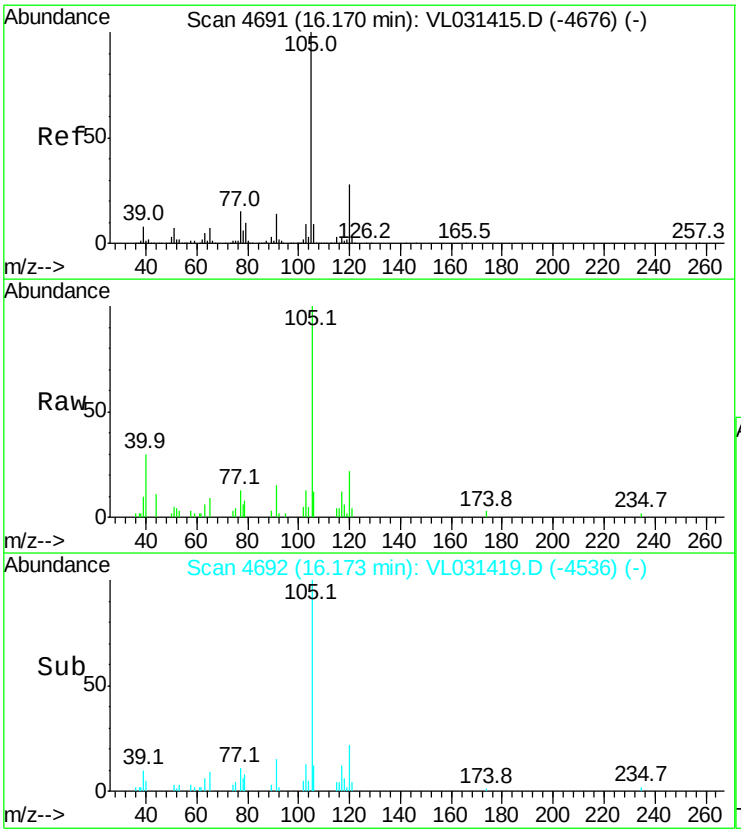
#70
n-Butylbenzene
Concen: 0.04 ppbv
RT: 18.88 min Scan# 5534
Delta R.T. -0.00 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 91 Resp: 20436

Ion	Ratio	Lower	Upper
91	100		
92	79.1	42.2	63.4#
134	35.9	17.4	26.2#

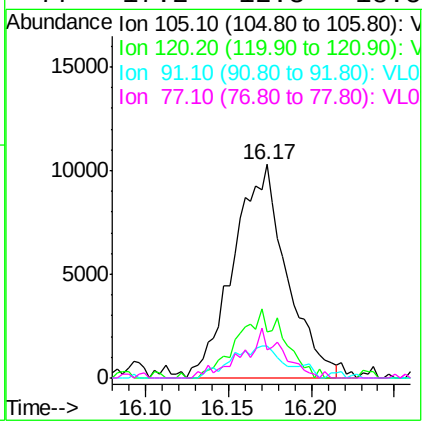


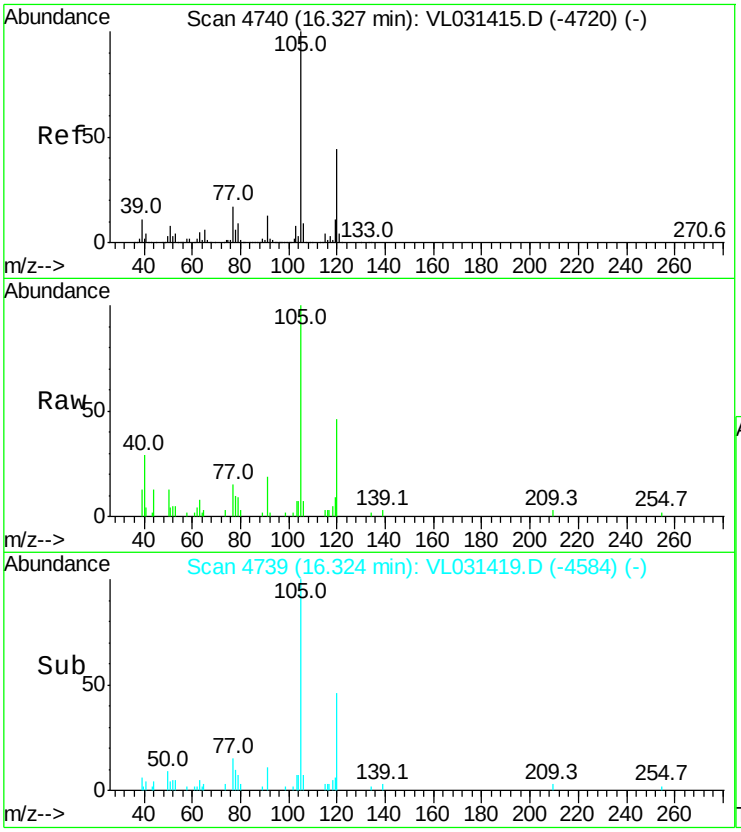


#72
4-Ethyltoluene
Concen: 0.05 ppbv
RT: 16.17 min Scan# 4692
Delta R.T. 0.00 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Tgt Ion:105 Resp: 22941

Ion	Ratio	Lower	Upper
105	100		
120	28.0	23.0	34.6
91	16.4	11.0	16.4
77	17.2	12.3	18.5



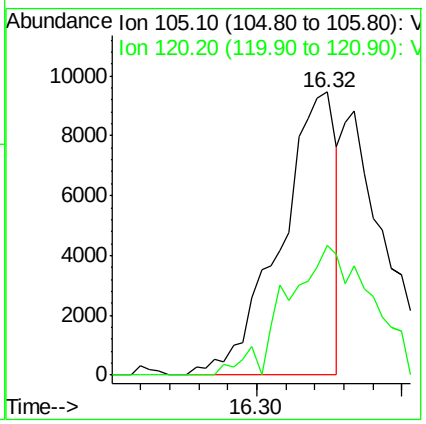


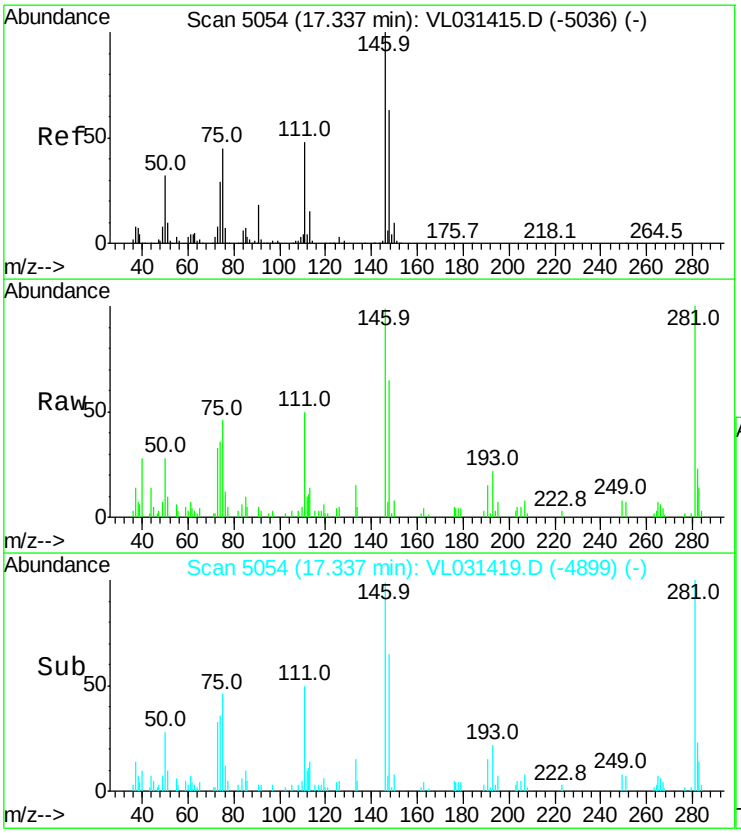
#73
1,3,5-Trimethylbenzene
Concen: 0.03 ppbv
RT: 16.32 min Scan# 4739
Delta R.T. -0.00 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:105 Resp: 12577

Ion	Ratio	Lower	Upper
105	100		
120	45.7	35.8	53.6

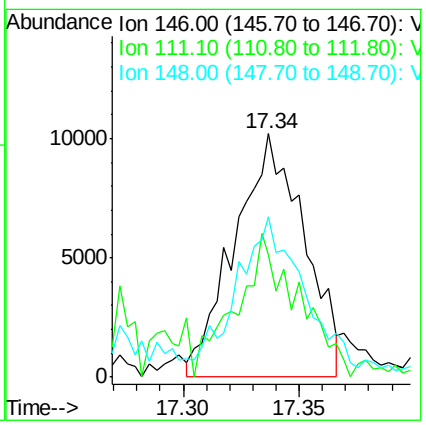


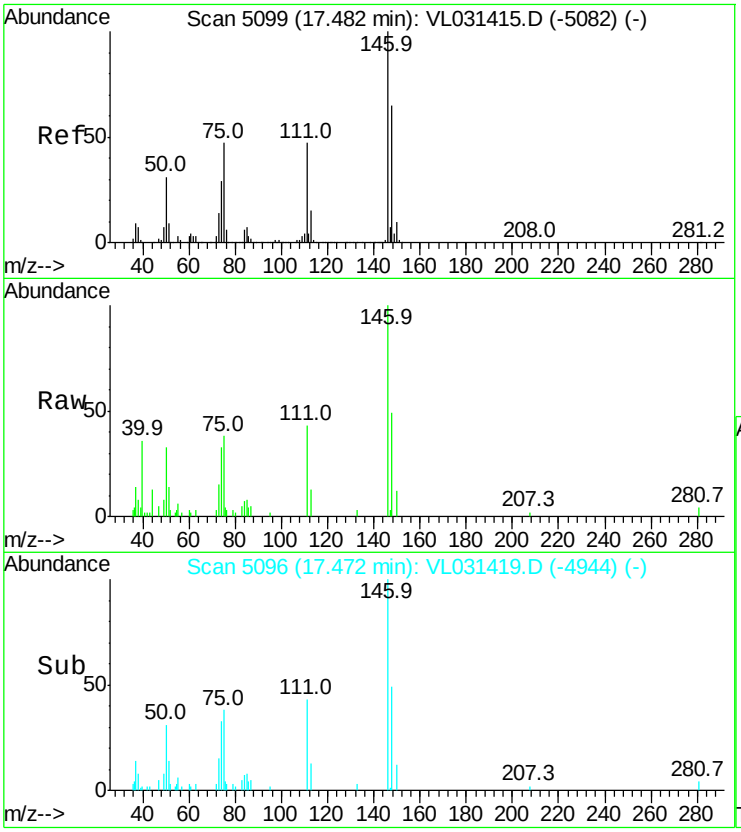


#75
1,3-Dichlorobenzene
Concen: 0.08 ppbv
RT: 17.34 min Scan# 5054
Delta R.T. -0.00 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Tgt Ion:146 Resp: 21196

Ion	Ratio	Lower	Upper
146	100		
111	54.1	24.2	72.6
148	74.4	32.1	96.3



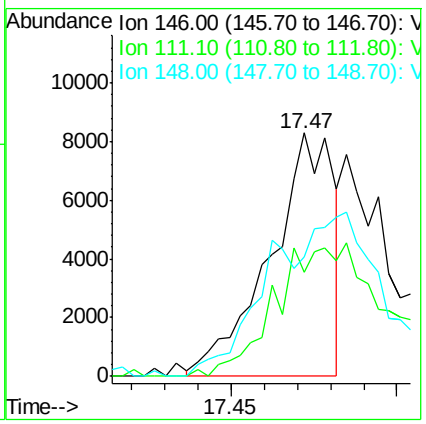


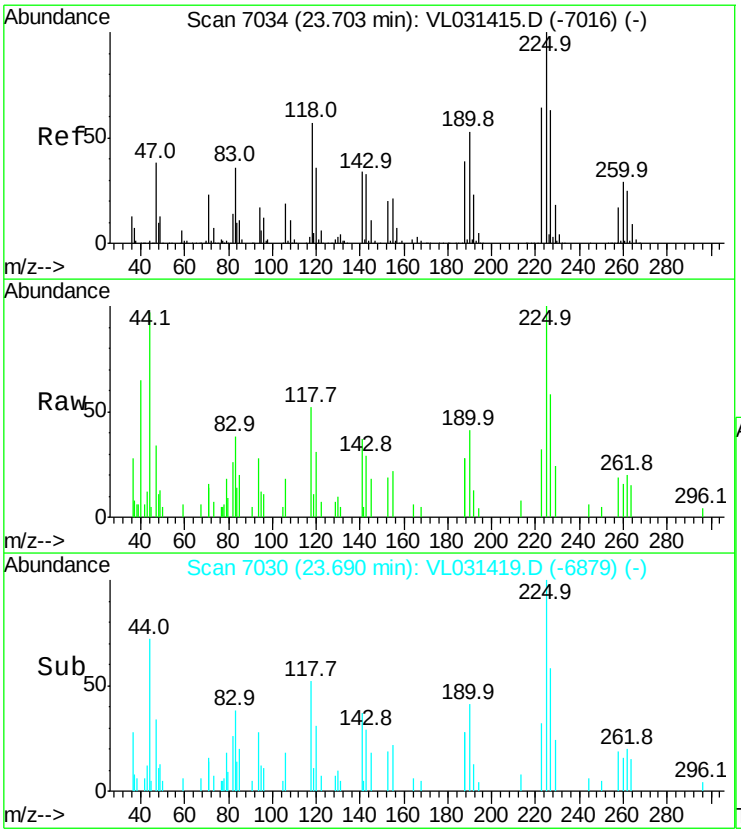
#76
1,4-Dichlorobenzene
Concen: 0.04 ppbv
RT: 17.47 min Scan# 5096
Delta R.T. -0.01 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:146 Resp: 11043

Ion	Ratio	Lower	Upper
146	100		
111	0.0	23.3	69.9#
148	0.0	32.4	97.2#

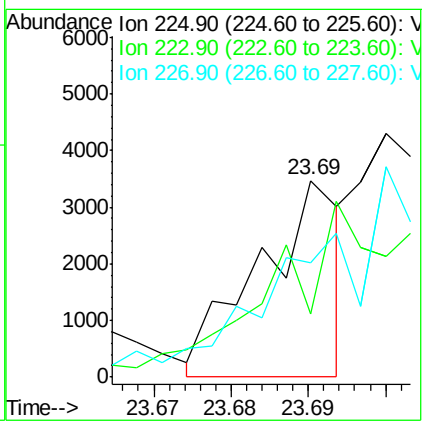


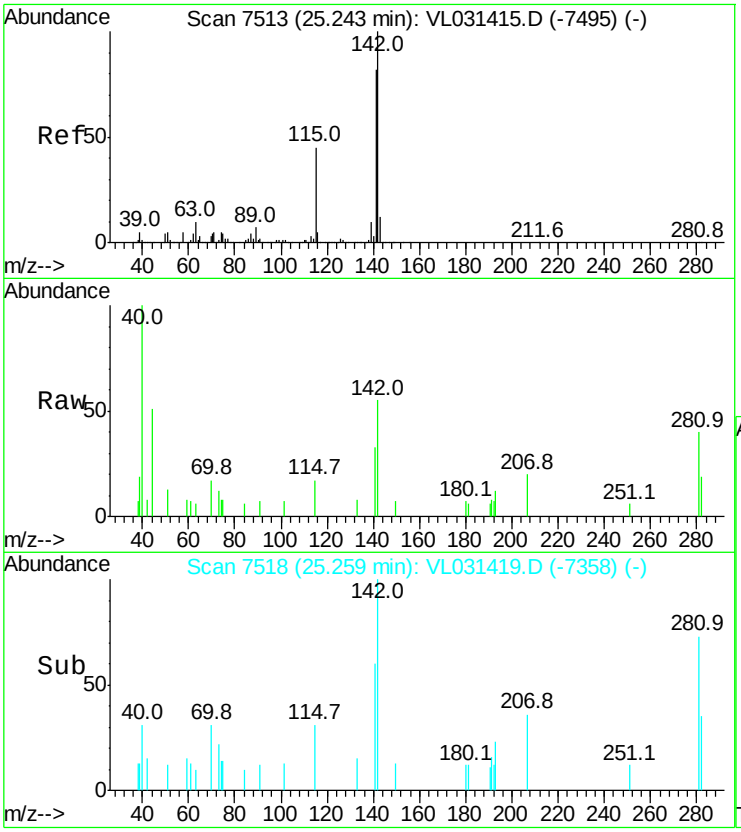


#78
Hexachloro-1,3-Butadiene
Concen: 0.03 ppbv
RT: 23.69 min Scan# 7030
Delta R.T. -0.02 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Tgt Ion:225 Resp: 2536

Ion	Ratio	Lower	Upper
225	100		
223	0.0	51.3	76.9#
227	0.0	50.7	76.1#





#80
Naphthalene,2-methyl-
Concen: 0.06 ppbv
RT: 25.26 min Scan# 7518
Delta R.T. 0.01 min
Lab File: VL031419.D
Acq: 22 Jan 2018 16:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:142 Resp: 2895

Ion	Ratio	Lower	Upper
142	100		
141	96.2	68.7	103.1
115	50.9	36.3	54.5