Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL013020\

Quantitation Report (Not Reviewed)

Data File : VL034572.D
Acq On : 30 Jan 2020 14:38
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 30 15:23:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 30 14:46:59 2020
QLast Update : Thu Jan 30 14:46:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	1131526	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.18	114	2298917	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.11	117	2249234	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.45	95	1948897	10.38	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.94	85	368	0.002	ppbv		98
3) Chlorodifluoromethane	2.95	51	16180	0.120	ppbv		98
4) Chloromethane	3.10	50	8690	0.109	ppbv	#	87
5) Vinyl Chloride	3.22	62	8379	0.107	ppbv	#	73
6) Bromomethane	3.44	94	2868	0.073	ppbv	#	71
7) Chloroethane	3.52	64	261	0.010	ppbv	#	87
8) Dichlorotetrafluoroethane	3.15	85	23125	0.129	ppbv		94
9) Propene	2.97	41	3167	0.061	ppbv	#	15
10) Heptane	8.13	43	2658	0.020	ppbv	#	1
11) Trichlorofluoromethane	3.92	101	29418	0.142	ppbv		95
12) 1,1,2-Trichlorotrifluoroet	4.47	101	18454	0.140	ppbv		86
13) Ethanol	3.57	45	517	0.036	ppbv	#	38
14) Bromoethene	3.70	108	1519	0.029	ppbv	#	7
15) Acetone	3.85	43	29187	0.177	ppbv	#	75
16) 1,3-Butadiene	3.29	39	5884	0.093	ppbv		87
17) tert-Butyl alcohol	4.26	59	320	0.002	ppbv	#	72
18) 1,1-Dichloroethene	4.26	96	1718	0.030	ppbv	#	46
19) Isopropyl Alcohol	3.97	45	11642	0.109	ppbv	#	91
20) Methylene Chloride	4.32	84	12432	0.191	ppbv	#	81
21) Allyl Chloride	4.40	41	10020	0.106	ppbv	#	74
22) trans-1,2-Dichloroethene	4.87	96	5742	0.099	ppbv	#	79
23) Vinyl Acetate	5.05	43	1430	0.008	ppbv	#	89
24) 1,1-Dichloroethane	4.99	63	16570	0.108	ppbv	#	87
25) Ethyl Acetate	5.68	43	24673	0.096	ppbv	#	92
26) Hexane	5.67	57	3622	0.033	ppbv	#	1
27) Carbon Disulfide	4.53	76	8670	0.063	ppbv	#	80
28) Methyl tert-Butyl Ether	5.04	73	11513	0.063	ppbv	#	53
29) Chloroform	5.74	83	15716	0.084	ppbv		89
30) Cyclohexane	7.14	84	3191	0.040	ppbv	#	1
31) cis-1,2-Dichloroethene	5.54	61	10743	0.097	ppbv	#	80
32) 1,1,1-Trichloroethane	6.51	97	15793	0.081	ppbv	#	70
34) 2-Butanone	5.25	43	9092	0.055	ppbv	#	55
35) Carbon Tetrachloride	7.03	117	7392	0.035	ppbv		98
36) Benzene	6.90	78	17361	0.087	ppbv		96
37) 1,2-Dichloroethane	6.30	62	10475	0.064	ppbv	#	97
38) Trichloroethene	7.84	130	3541	0.044	ppbv	#	58
39) 1,2-Dichloropropane	7.18	63	672635	8.163	ppbv	#	23
40) 1,4-Dioxane	7.83	88	198	0.006	ppbv	#	1
41) Tetrahydrofuran	6.02	42	149	0.002	ppbv	#	38
42) Bromodichloromethane	7.79	83	6775	0.034	ppbv		95
43) Methyl Methacrylate	8.03	69	2058	0.025	ppbv	#	1

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL013020\

Quantitation Report (Not Reviewed)

Data File : VL034572.D
Acq On : 30 Jan 2020 14:38
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 30 15:23:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 30 14:46:59 2020
QLast Update : Thu Jan 30 14:46:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	9812	0.026	ppbv	#	41
45) t-1,3-Dichloropropene	9.29	75	2834	0.027	ppbv		91
46) cis-1,3-Dichloropropene	8.71	75	4344	0.036	ppbv	#	90
47) 1,1,2-Trichloroethane	9.50	97	6293	0.069	ppbv	#	70
48) Dibromochloromethane	10.32	129	6489	0.041	ppbv	#	1
49) Bromoform	13.08	173	6375	0.045	ppbv	#	41
50) 4-Methyl-2-Pentanone	8.75	43	347	0.001	ppbv	#	40
51) 2-Hexanone	10.14	43	144	0.001	ppbv	#	30
52) Tetrachloroethene	11.24	164	2467	0.032	ppbv	#	34
53) Toluene	9.82	91	4476	0.020	ppbv	#	20
54) 1,2-Dibromoethane	10.62	107	3149	0.024	ppbv		87
56) 1,1,1,2-Tetrachloroethane	12.16	131	3654	0.034	ppbv	#	9
57) Chlorobenzene	12.17	112	3606	0.019	ppbv	#	63
58) Ethyl Benzene	12.73	91	6665	0.022	ppbv		95
59) m/p-Xylene	13.02	91	5115	0.019	ppbv	#	1
60) o-Xylene	13.73	91	2033	0.008	ppbv	#	1
61) Styrene	13.56	104	8507	0.047	ppbv	#	70
62) Isopropylbenzene	14.70	105	5892	0.017	ppbv	#	49
63) 1,1,2,2-Tetrachloroethane	13.71	83	11099	0.052	ppbv	#	32
64) n-propylbenzene	15.59	120	1067	0.012	ppbv	#	1
65) tert-Butylbenzene	16.78	119	3035	0.010	ppbv	#	14
66) Benzyl Chloride	17.03	91	5096	0.037	ppbv	#	30
67) sec-Butylbenzene	17.33	105	13257	0.030	ppbv		93
69) p-Isopropyltoluene	17.69	119	8597	0.024	ppbv	#	18
70) n-Butylbenzene	18.59	91	4772	0.012	ppbv	#	8
71) 2-Chlorotoluene	15.49	91	4508	0.017	ppbv	#	45
72) 4-Ethyltoluene	15.88	105	6843	0.023	ppbv	#	30
73) 1,3,5-Trimethylbenzene	16.03	105	8948	0.031	ppbv	#	56
74) 1,2,4-Trimethylbenzene	16.80	105	9916	0.032	ppbv	#	77
75) 1,3-Dichlorobenzene	17.04	146	7546	0.040	ppbv	#	1
76) 1,4-Dichlorobenzene	17.17	146	4794	0.027	ppbv	#	1
77) 1,2-Dichlorobenzene	17.86	146	2334	0.013	ppbv	#	22
78) Hexachloro-1,3-Butadiene	23.42	225	4766	0.029	ppbv	#	18
79) Naphthalene	22.25	128	3092	0.013	ppbv	#	59
80) Naphthalene,2-methyl-	25.02	142	7597	0.116	ppbv	#	84
81) 1,2,4-Trichlorobenzene	21.98	180	2492	0.016	ppbv	#	11

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

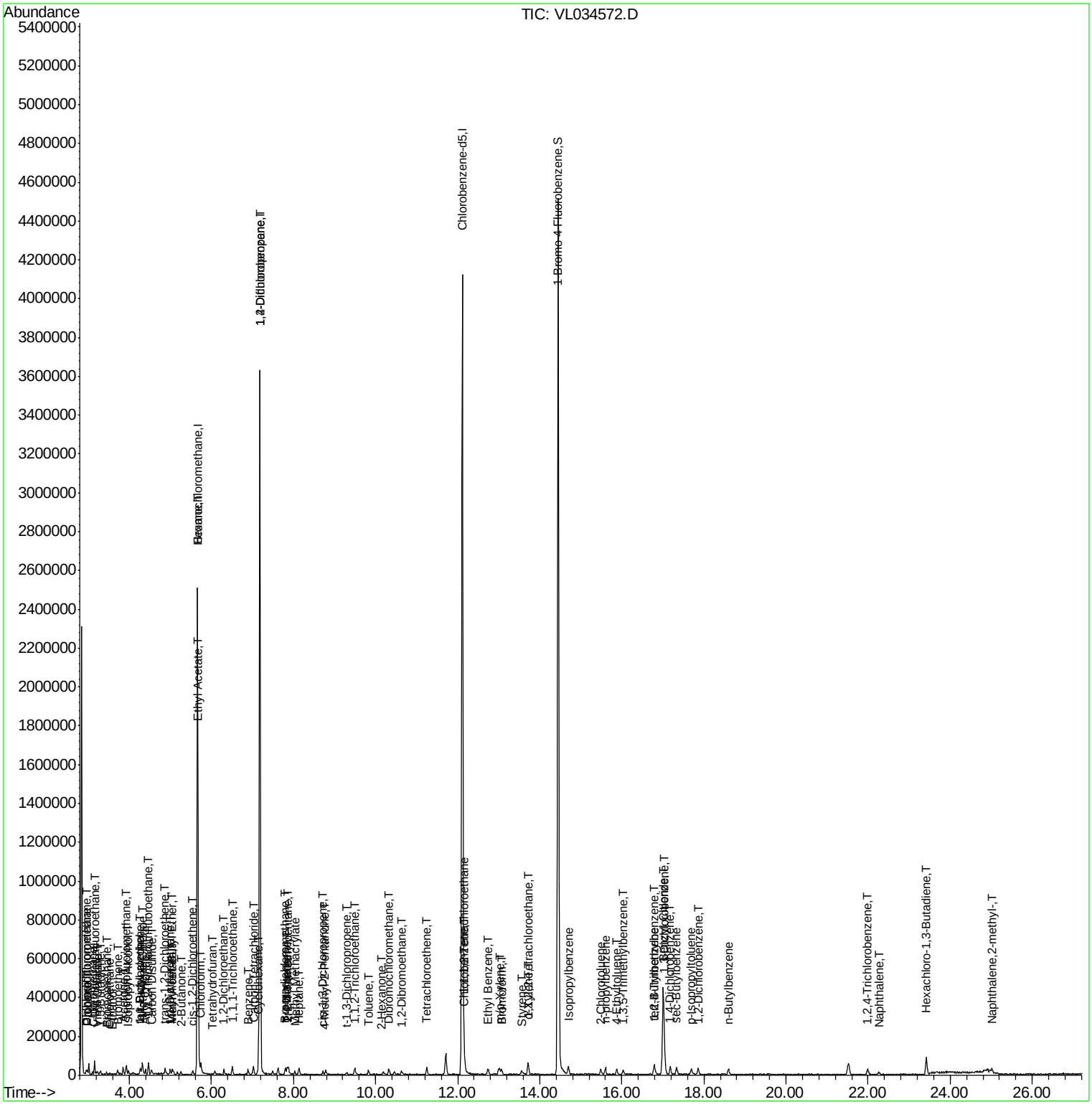
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL013020\

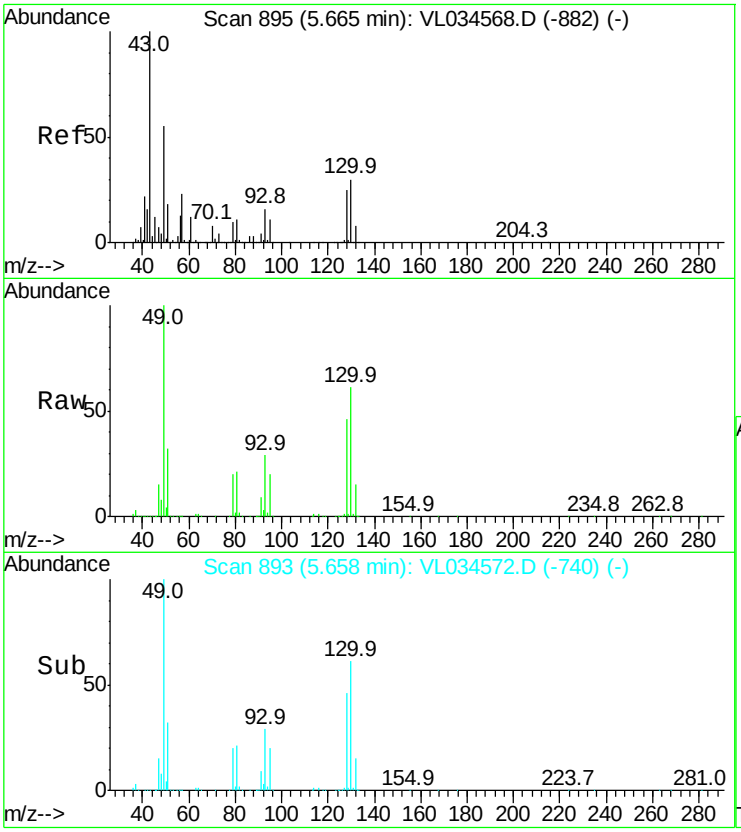
Quantitation Report (Not Reviewed)

Data File : VL034572.D
Acq On : 30 Jan 2020 14:38
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 30 15:23:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 30 14:46:59 2020
QLast Update : Thu Jan 30 14:46:59 2020
Response via : Initial Calibration



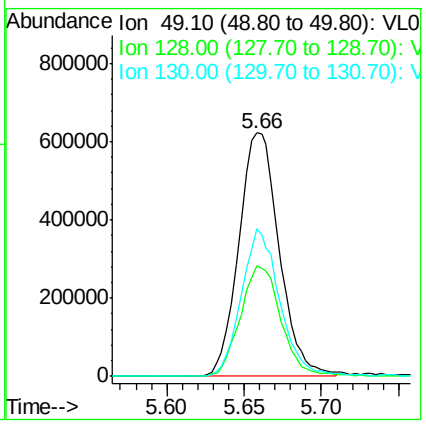


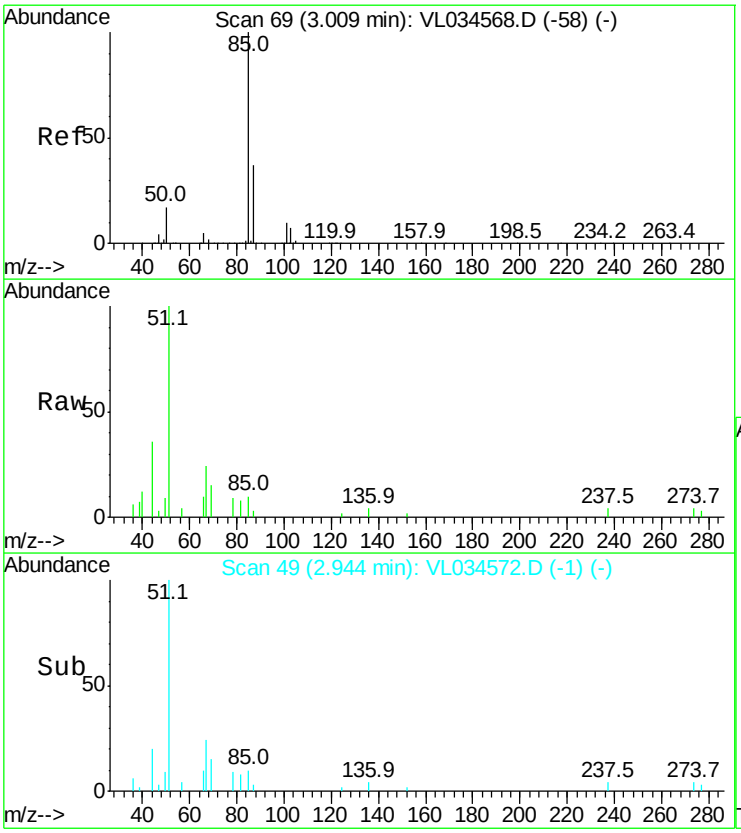
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.01 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 49 Resp: 1131526

Ion	Ratio	Lower	Upper
49	100		
128	45.8	22.4	67.2
130	58.5	28.3	85.0

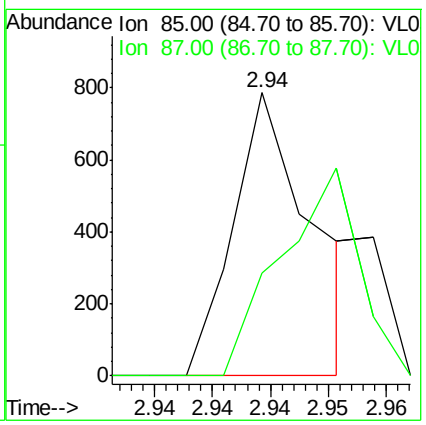


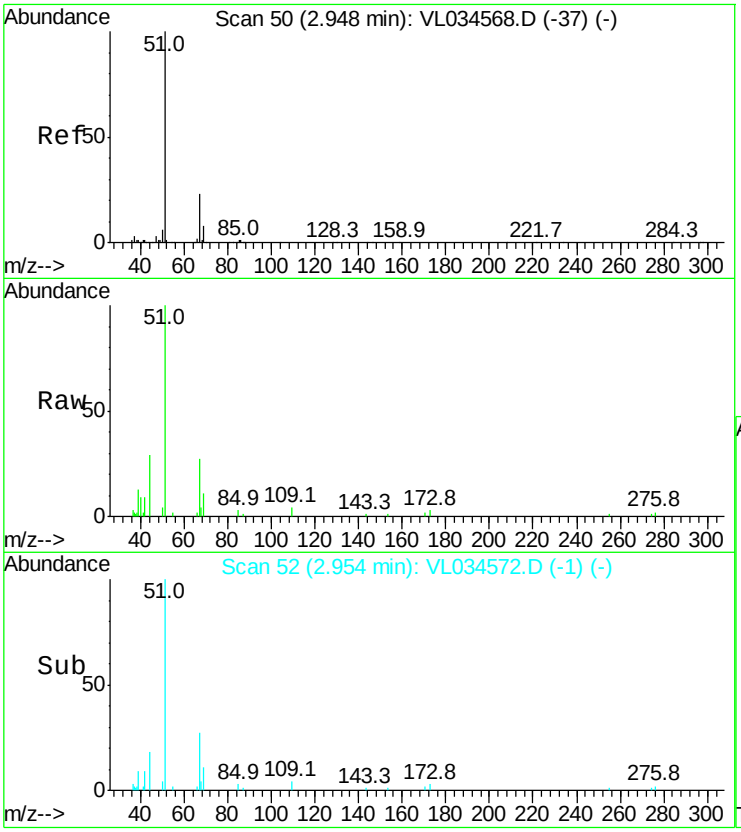


#2
Dichlorodifluoromethane
Concen: 0.002 ppbv
RT: 2.94 min Scan# 49
Delta R.T. -0.06 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Tgt Ion: 85 Resp: 368

Ion	Ratio	Lower	Upper
85	100		
87	36.3	27.9	41.9



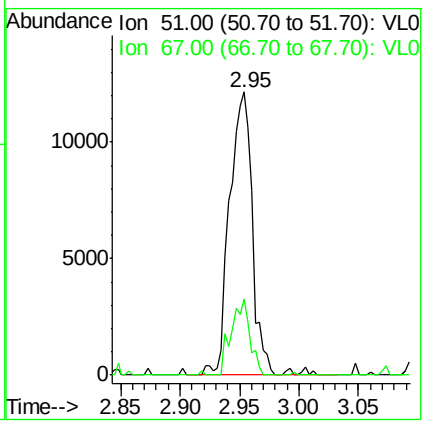


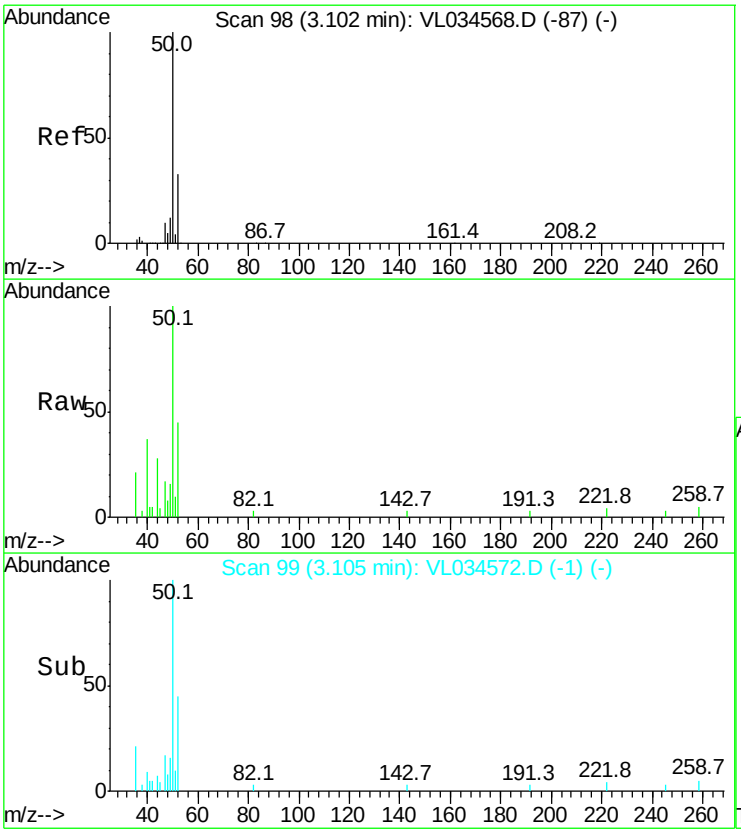
#3
Chlorodifluoromethane
Concen: 0.120 ppbv
RT: 2.95 min Scan# 52
Delta R.T. 0.01 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 51 Resp: 16180

Ion	Ratio	Lower	Upper
51	100		
67	22.0	16.8	25.2

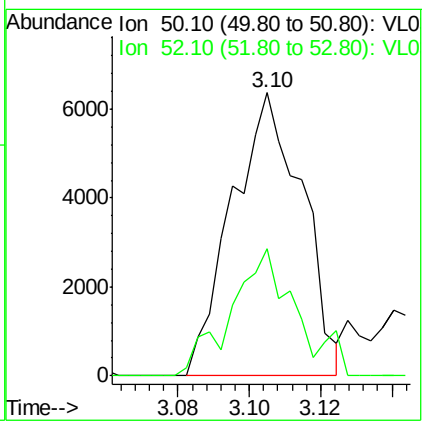


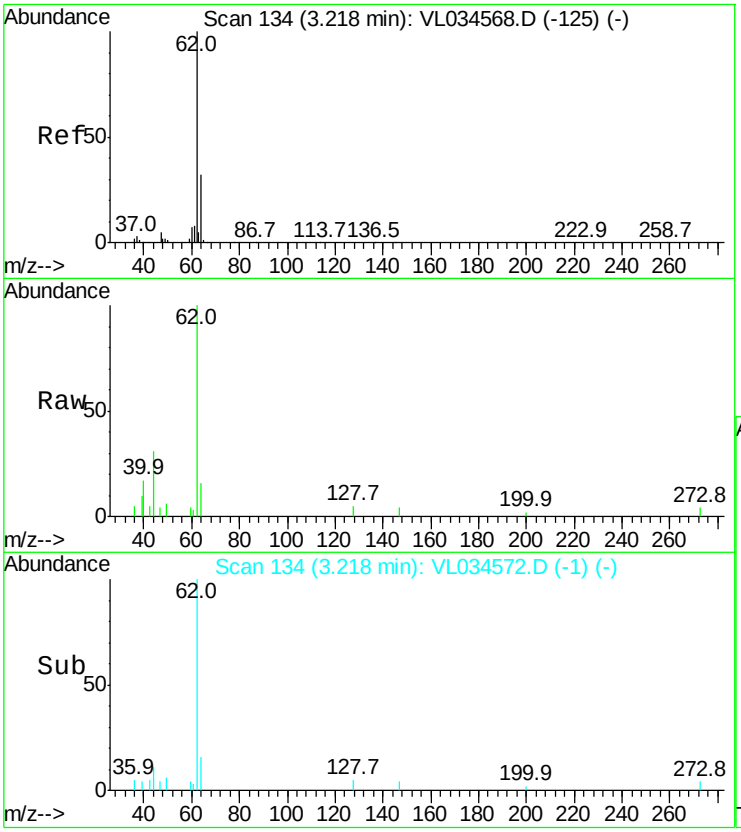


#4
Chloromethane
Concen: 0.109 ppbv
RT: 3.10 min Scan# 99
Delta R.T. 0.00 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Tgt Ion: 50 Resp: 8690

Ion	Ratio	Lower	Upper
50	100		
52	41.9	27.6	41.4#



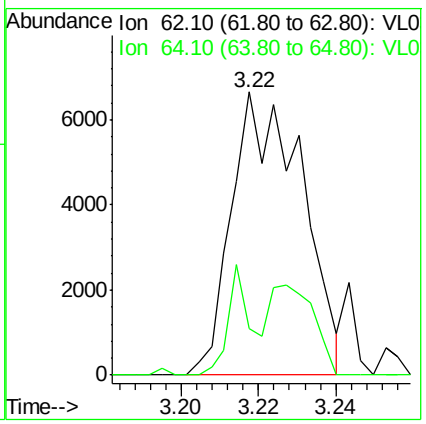


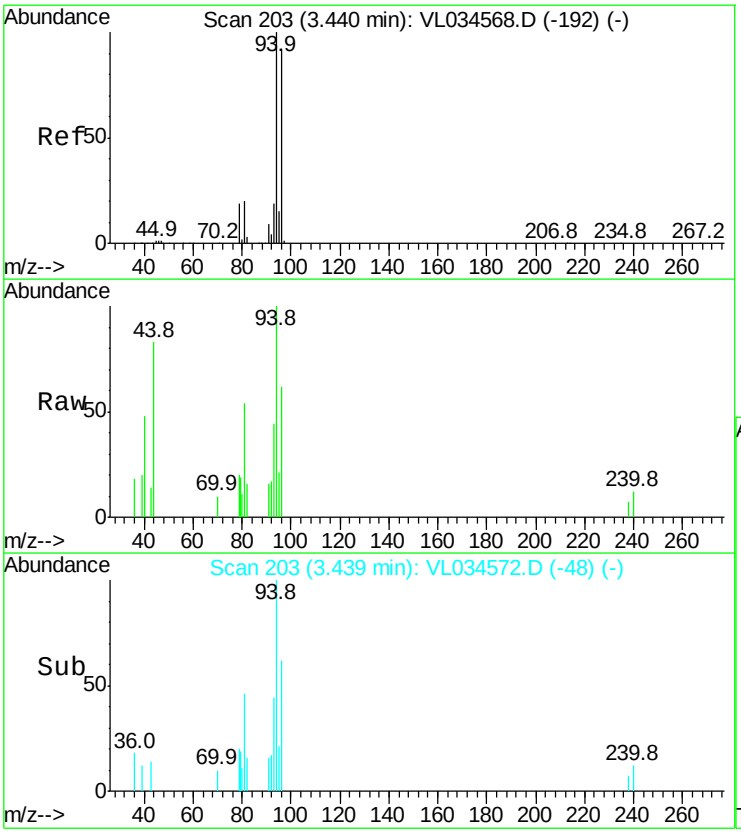
#5
Vinyl Chloride
Concen: 0.107 ppbv
RT: 3.22 min Scan# 134
Delta R.T. -0.00 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 62 Resp: 8379

Ion	Ratio	Lower	Upper
62	100		
64	16.3	24.9	37.3#

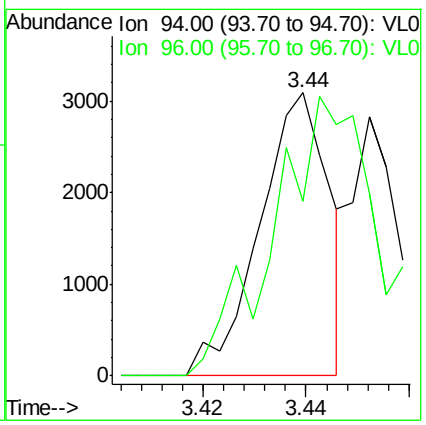


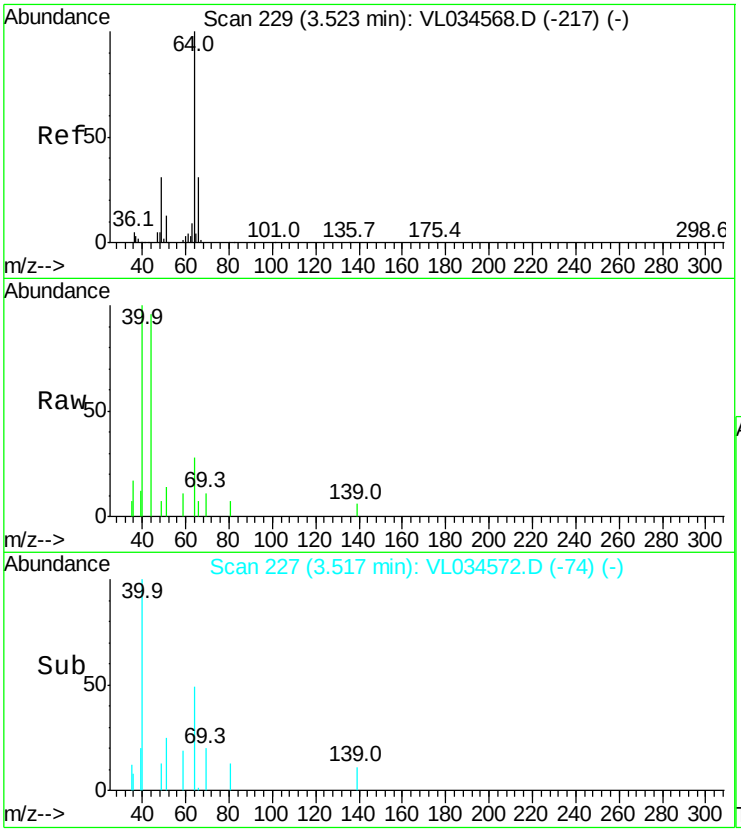


#6
Bromomethane
Concen: 0.073 ppbv
RT: 3.44 min Scan# 203
Delta R.T. -0.00 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Tgt Ion: 94 Resp: 2868

Ion	Ratio	Lower	Upper
94	100		
96	61.5	71.2	106.8#



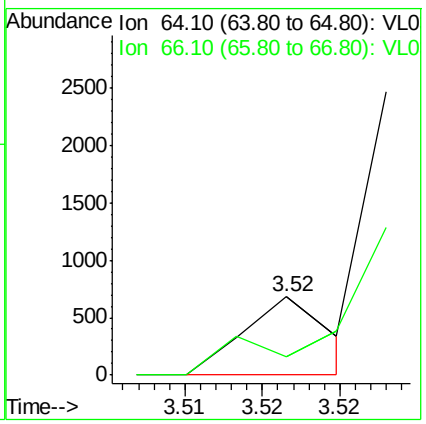


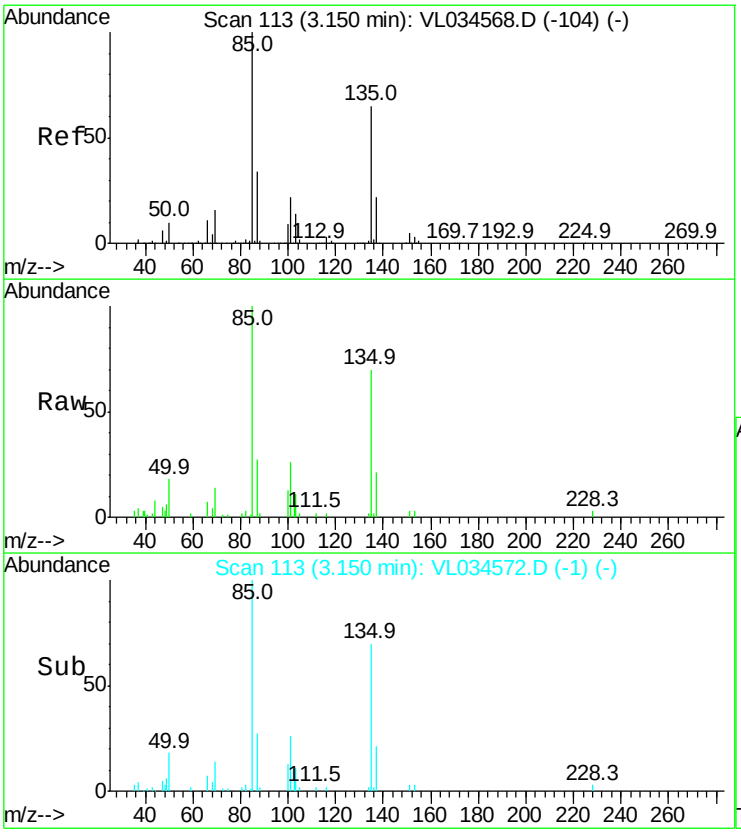
#7
Chloroethane
Concen: 0.010 ppbv
RT: 3.52 min Scan# 227
Delta R.T. -0.01 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 64 Resp: 261

Ion	Ratio	Lower	Upper
64	100		
66	24.0	25.0	37.4#

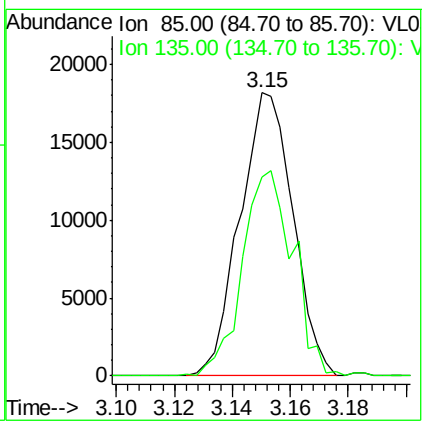


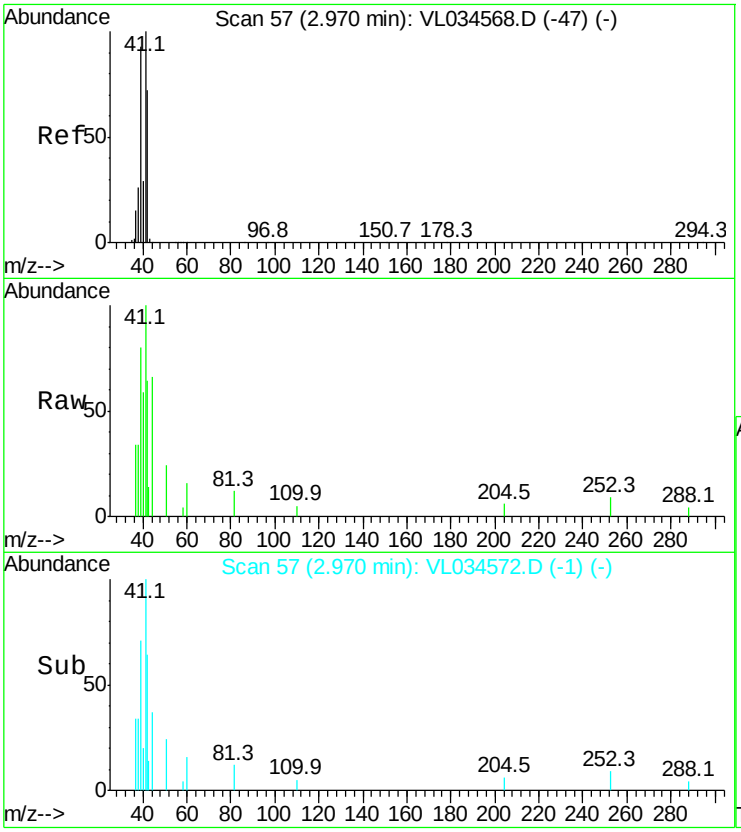


#8
Dichlorotetrafluoroethane
Concen: 0.129 ppbv
RT: 3.15 min Scan# 113
Delta R.T. -0.00 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Tgt Ion: 85 Resp: 23125

Ion	Ratio	Lower	Upper
85	100		
135	69.6	51.8	77.8



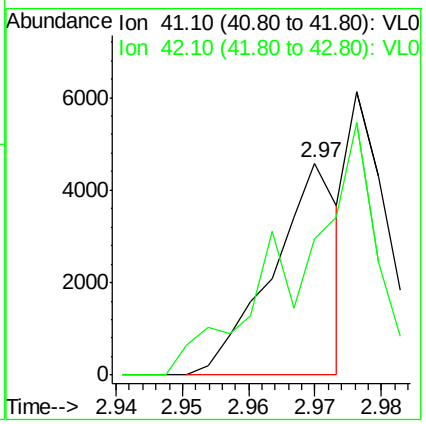


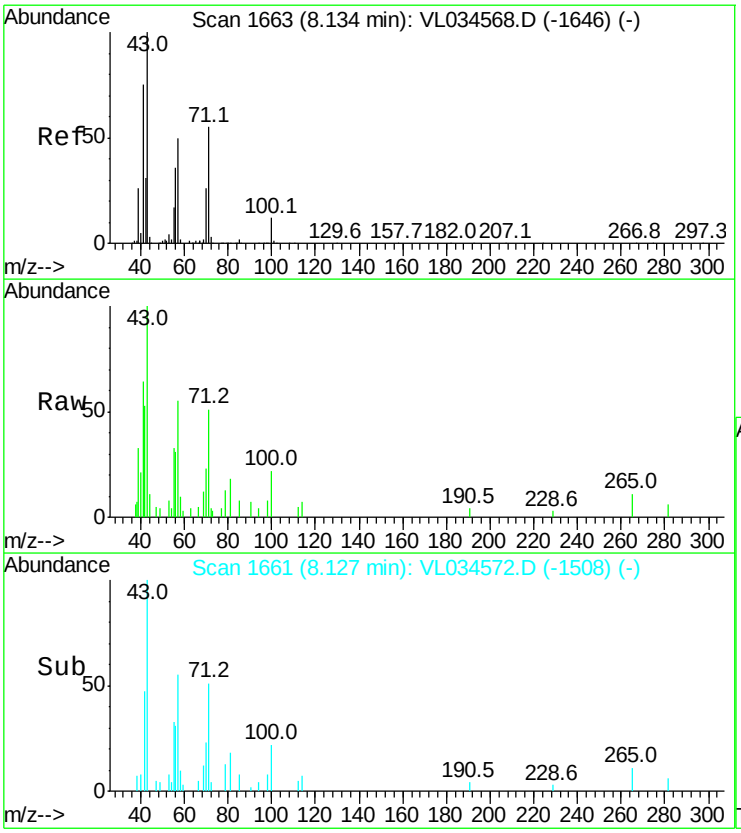
#9
Propene
Concen: 0.061 ppbv
RT: 2.97 min Scan# 57
Delta R.T. -0.00 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 41 Resp: 3167

Ion	Ratio	Lower	Upper
41	100		
42	0.0	55.8	83.6#

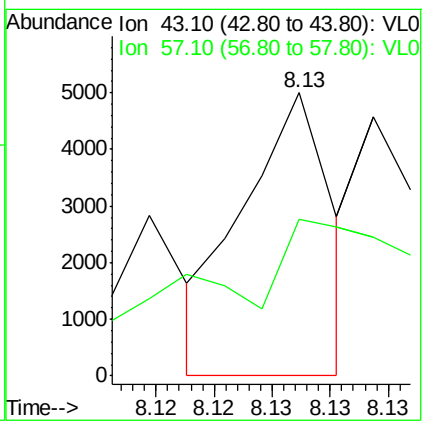


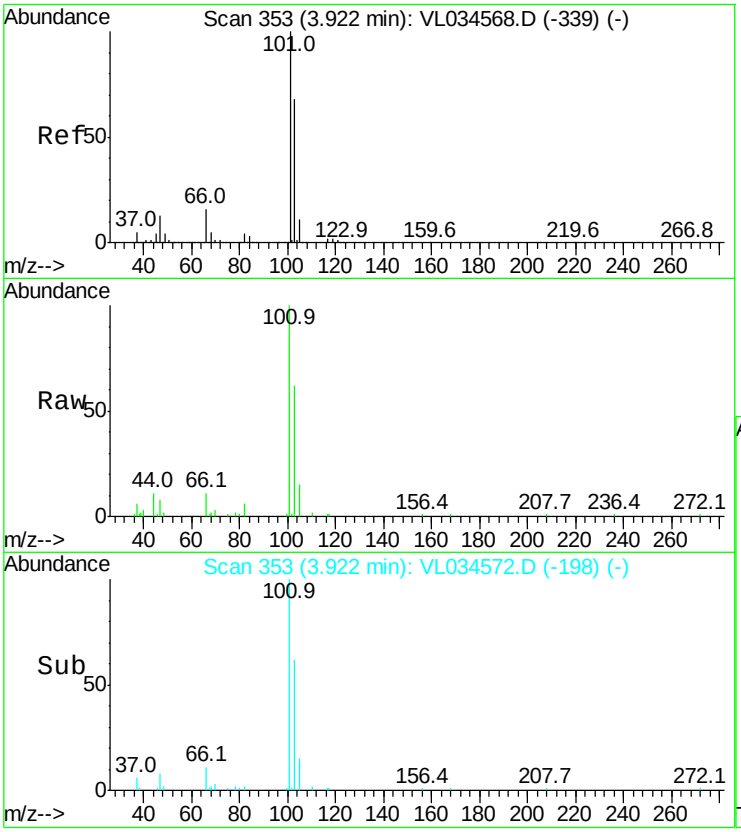


#10
Heptane
Concen: 0.020 ppbv
RT: 8.13 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Tgt Ion: 43 Resp: 2658

Ion	Ratio	Lower	Upper
43	100		
57	197.8	41.0	61.6#



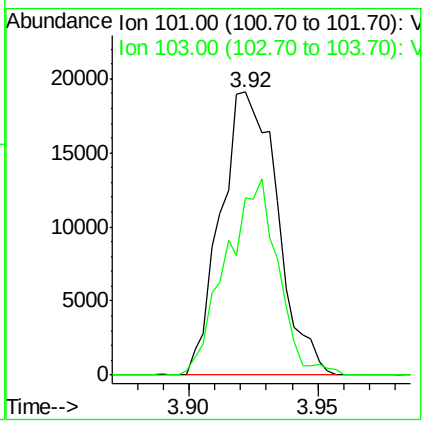


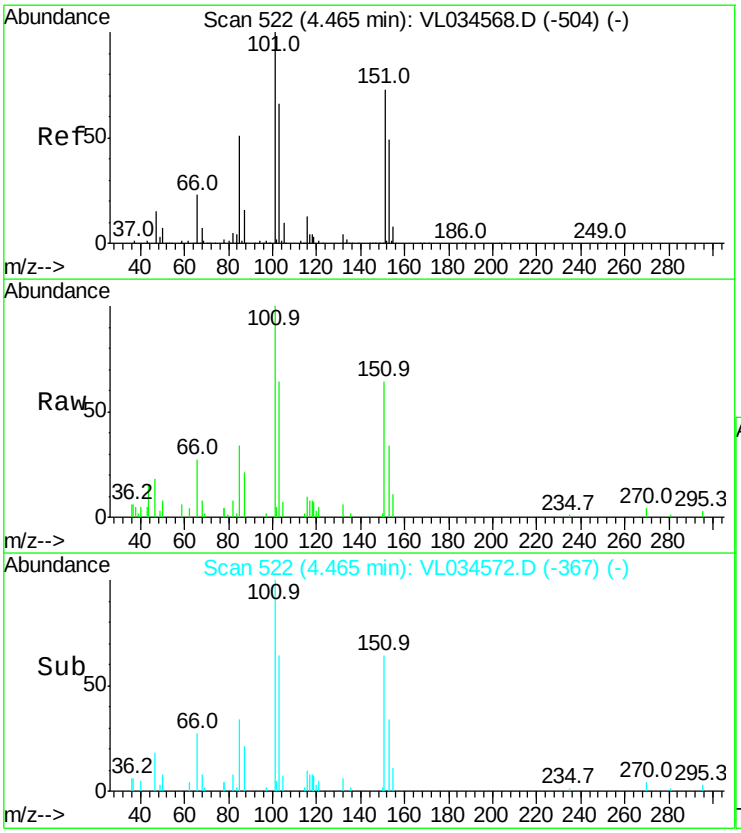
#11
Trichlorofluoromethane
Concen: 0.142 ppbv
RT: 3.92 min Scan# 353
Delta R.T. -0.00 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:101 Resp: 29418

Ion	Ratio	Lower	Upper
101	100		
103	60.8	52.1	78.1

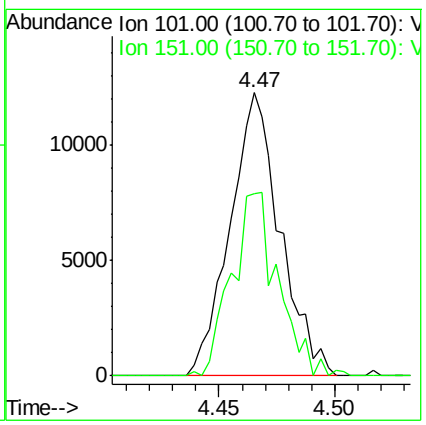


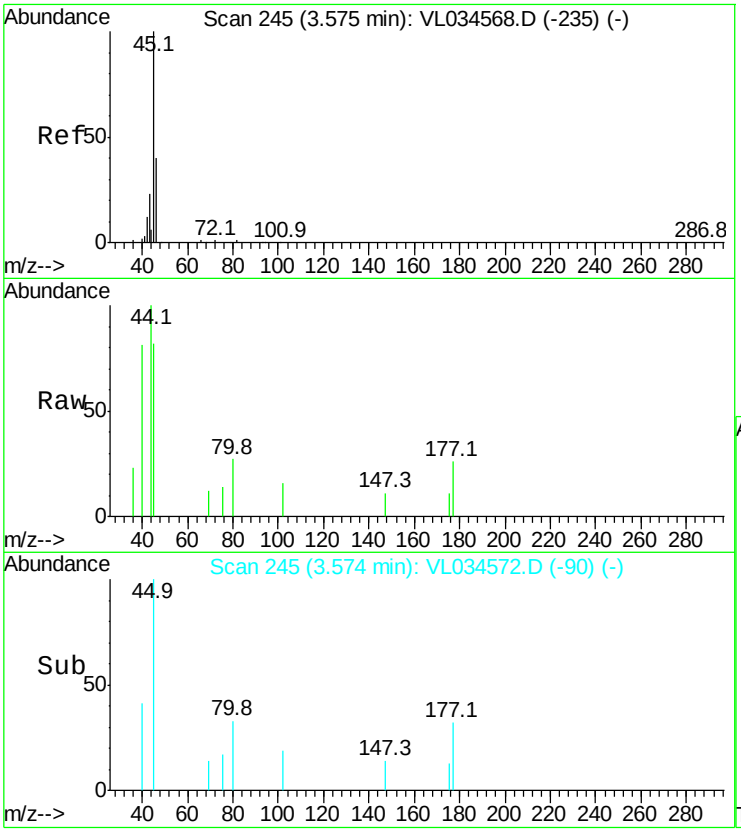


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.140 ppbv
RT: 4.47 min Scan# 522
Delta R.T. -0.00 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Tgt Ion:101 Resp: 18454

Ion	Ratio	Lower	Upper
101	100		
151	60.2	57.8	86.6



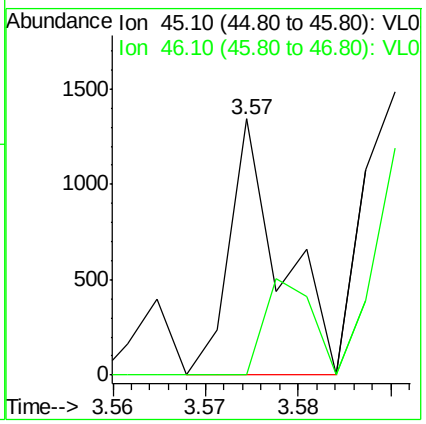


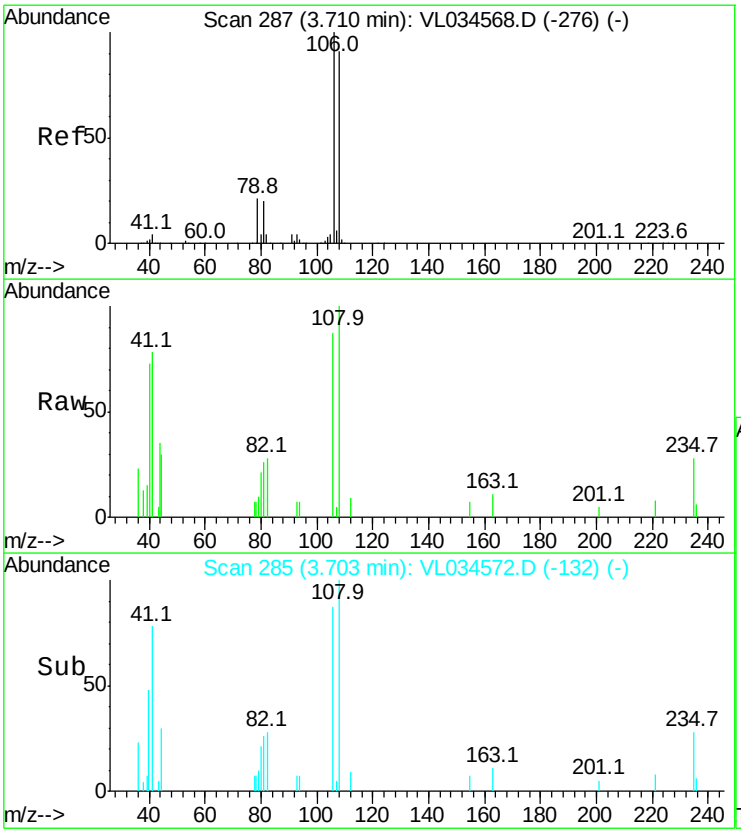
#13
Ethanol
Concen: 0.036 ppbv
RT: 3.57 min Scan# 245
Delta R.T. -0.00 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 45 Resp: 517

Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.9	59.7#

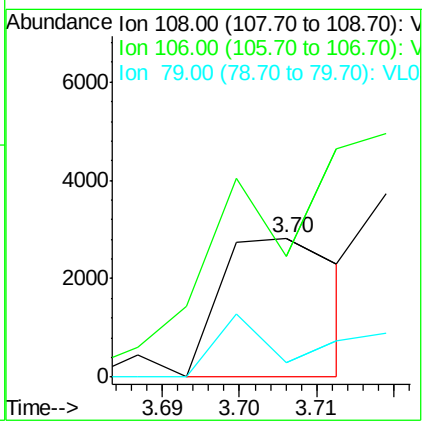


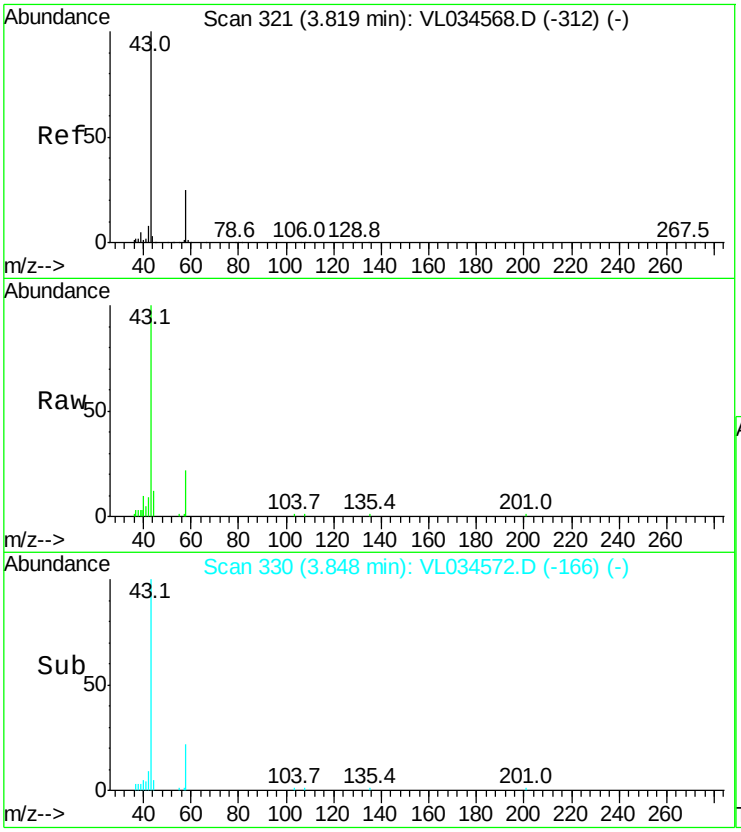


#14
Bromoethene
Concen: 0.029 ppbv
RT: 3.70 min Scan# 285
Delta R.T. -0.01 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Tgt Ion:108 Resp: 1519

Ion	Ratio	Lower	Upper
108	100		
106	0.0	85.2	127.8#
79	0.0	17.4	26.2#



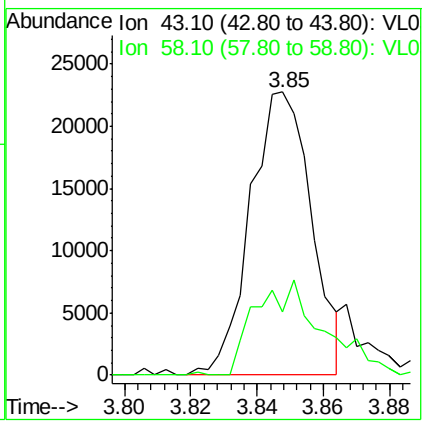


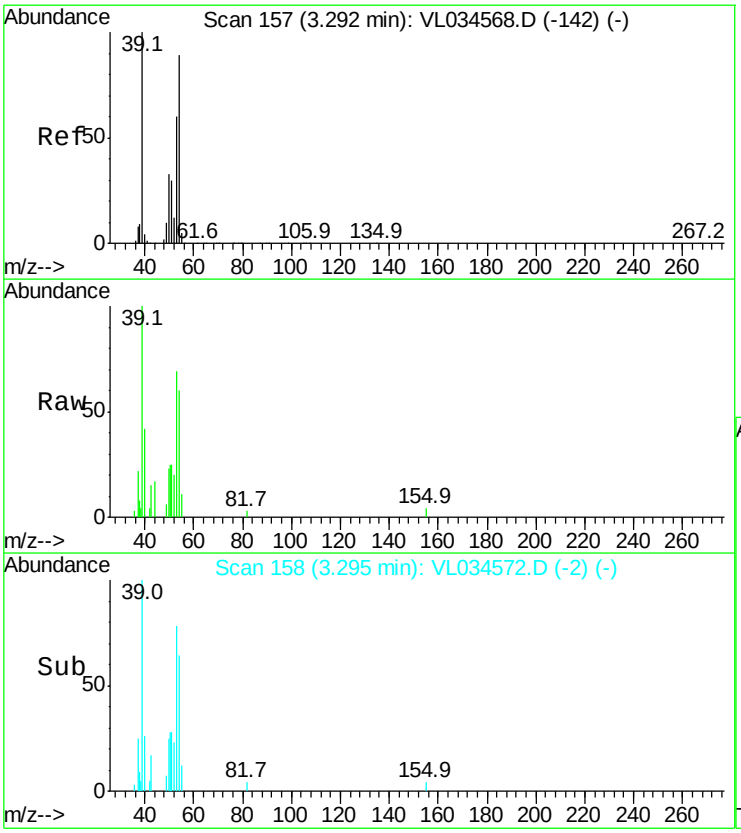
#15
Acetone
Concen: 0.177 ppbv
RT: 3.85 min Scan# 330
Delta R.T. 0.03 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 43 Resp: 29187

Ion	Ratio	Lower	Upper
43	100		
58	38.1	20.4	30.6#

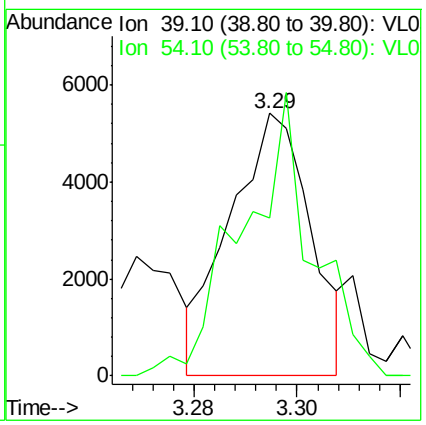


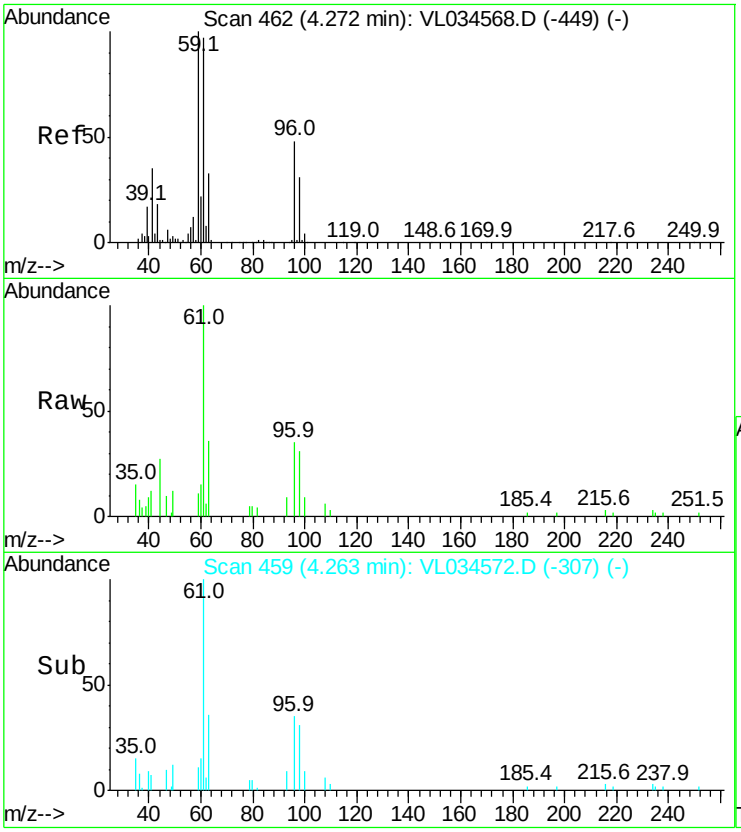


#16
1,3-Butadiene
Concen: 0.093 ppbv
RT: 3.29 min Scan# 158
Delta R.T. 0.00 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Tgt Ion: 39 Resp: 5884

Ion	Ratio	Lower	Upper
39	100		
54	94.5	66.2	99.2



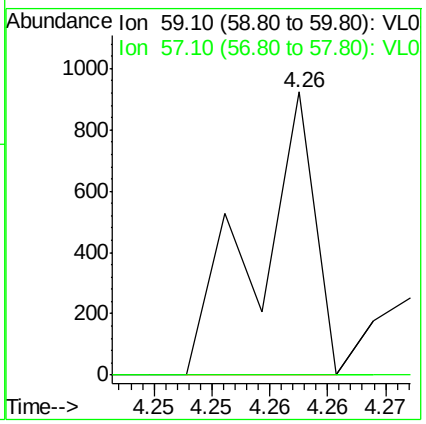


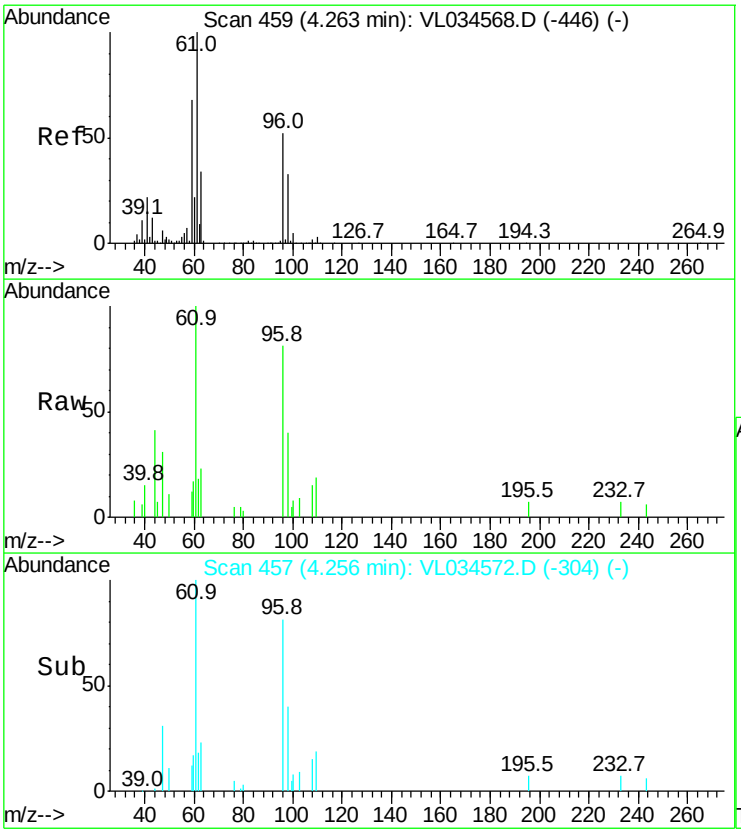
#17
tert-Butyl alcohol
Concen: 0.002 ppbv
RT: 4.26 min Scan# 459
Delta R.T. -0.01 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 59 Resp: 320

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8#

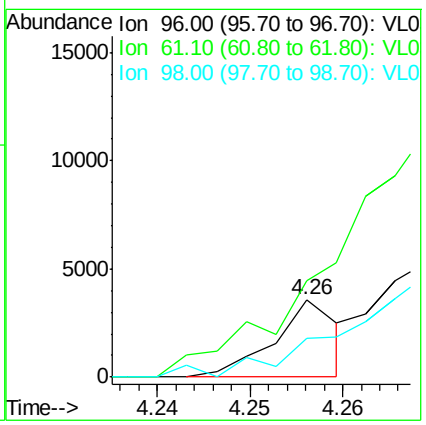


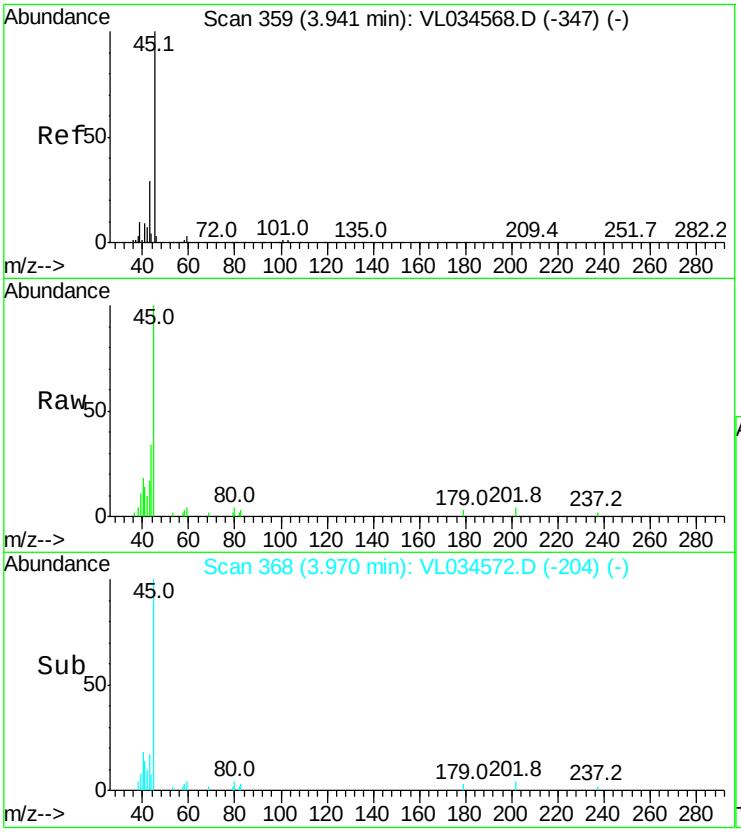


#18
1,1-Dichloroethene
Concen: 0.030 ppbv
RT: 4.26 min Scan# 457
Delta R.T. -0.01 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Tgt Ion: 96 Resp: 1718

Ion	Ratio	Lower	Upper
96	100		
61	116.7	165.9	248.9#
98	34.2	51.9	77.9#



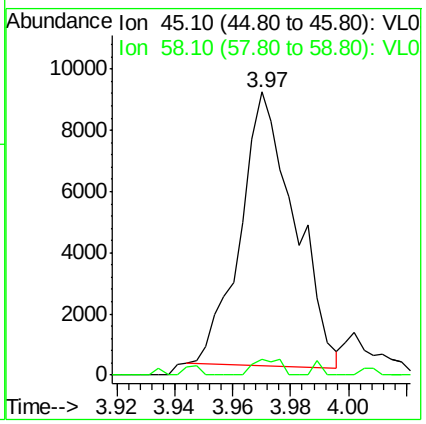


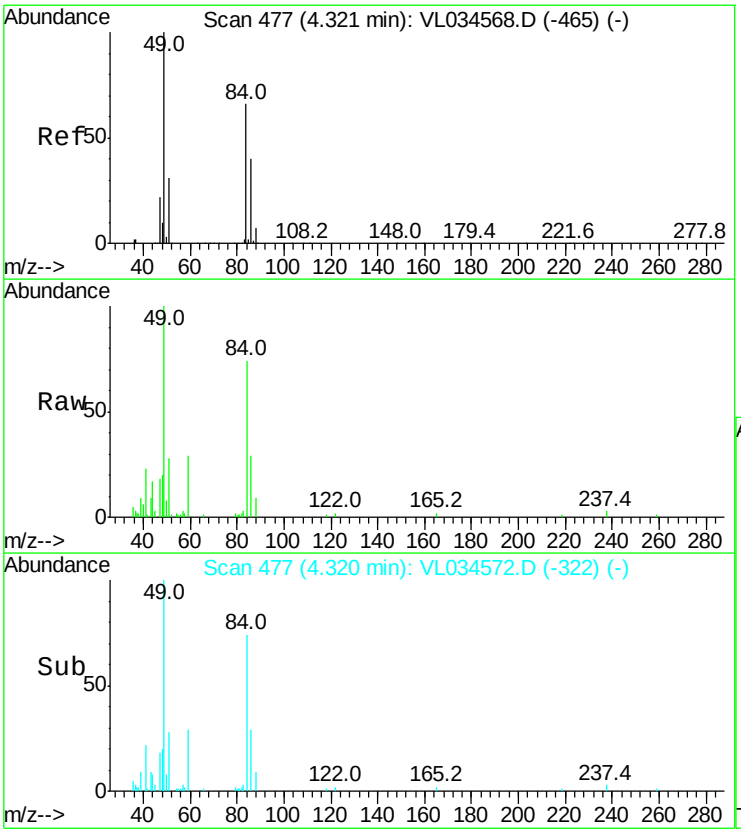
#19
Isopropyl Alcohol
Concen: 0.109 ppbv
RT: 3.97 min Scan# 368
Delta R.T. 0.03 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 45 Resp: 11642

Ion	Ratio	Lower	Upper
45	100		
58	5.1	1.4	2.0#

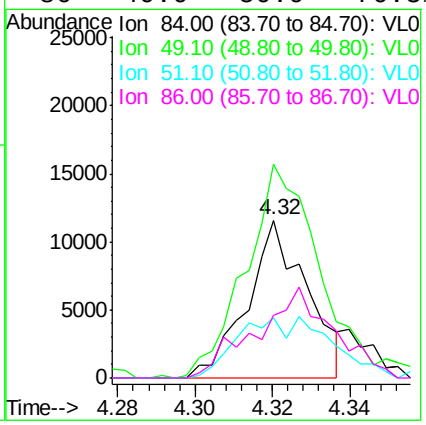


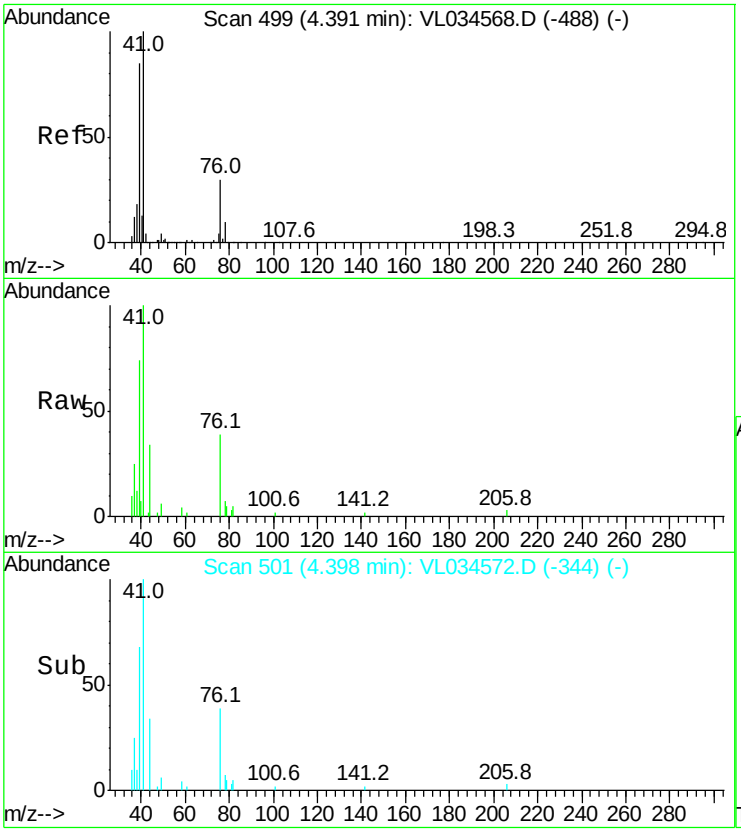


#20
Methylene Chloride
Concen: 0.191 ppbv
RT: 4.32 min Scan# 477
Delta R.T. -0.00 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Tgt Ion: 84 Resp: 12432

Ion	Ratio	Lower	Upper
84	100		
49	133.5	124.4	186.6
51	38.3	37.0	55.6
86	40.0	50.9	76.3#



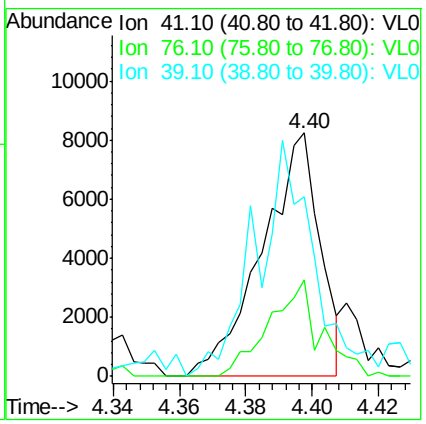


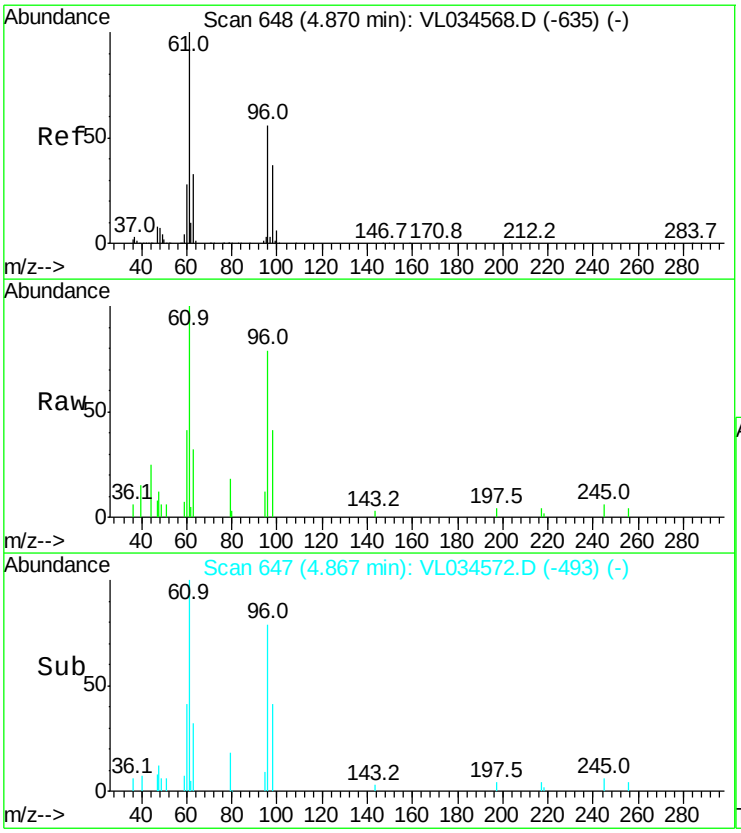
#21
Allyl Chloride
Concen: 0.106 ppbv
RT: 4.40 min Scan# 501
Delta R.T. 0.01 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 41 Resp: 10020

Ion	Ratio	Lower	Upper
41	100		
76	35.4	24.2	36.4
39	111.5	65.8	98.6#

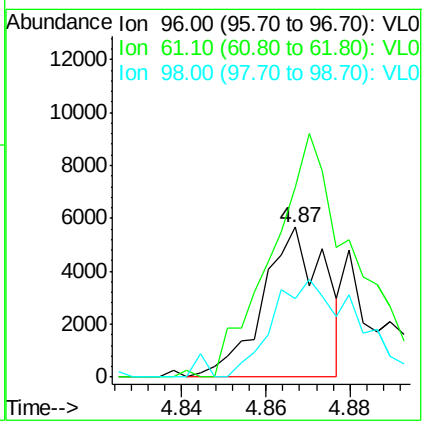


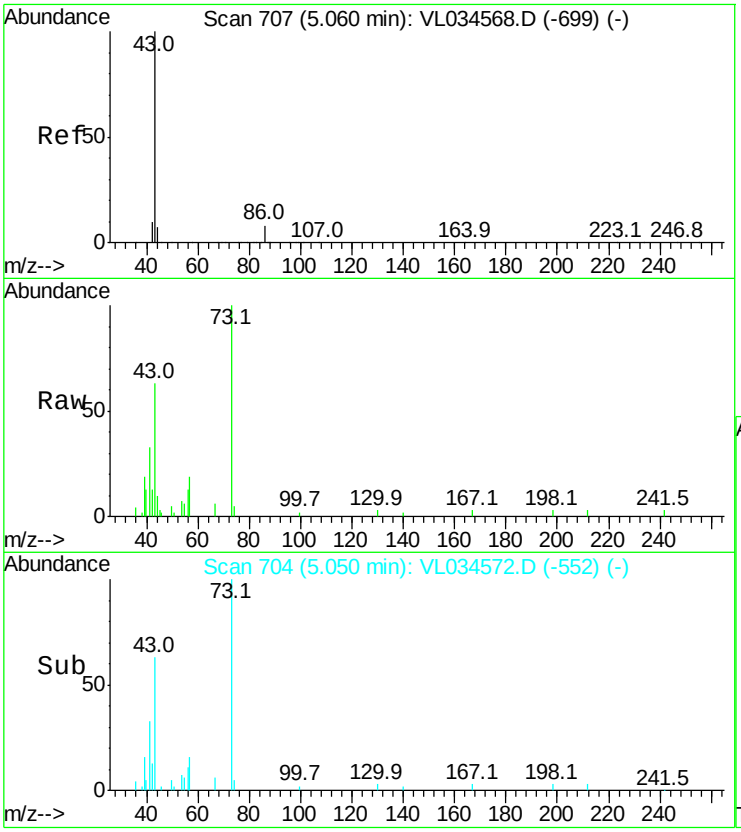


#22
trans-1,2-Dichloroethene
Concen: 0.099 ppbv
RT: 4.87 min Scan# 647
Delta R.T. -0.00 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Tgt Ion: 96 Resp: 5742

Ion	Ratio	Lower	Upper
96	100		
61	128.3	128.4	192.6#
98	52.5	50.6	75.8



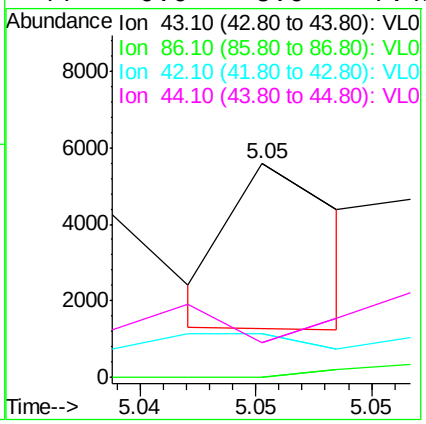


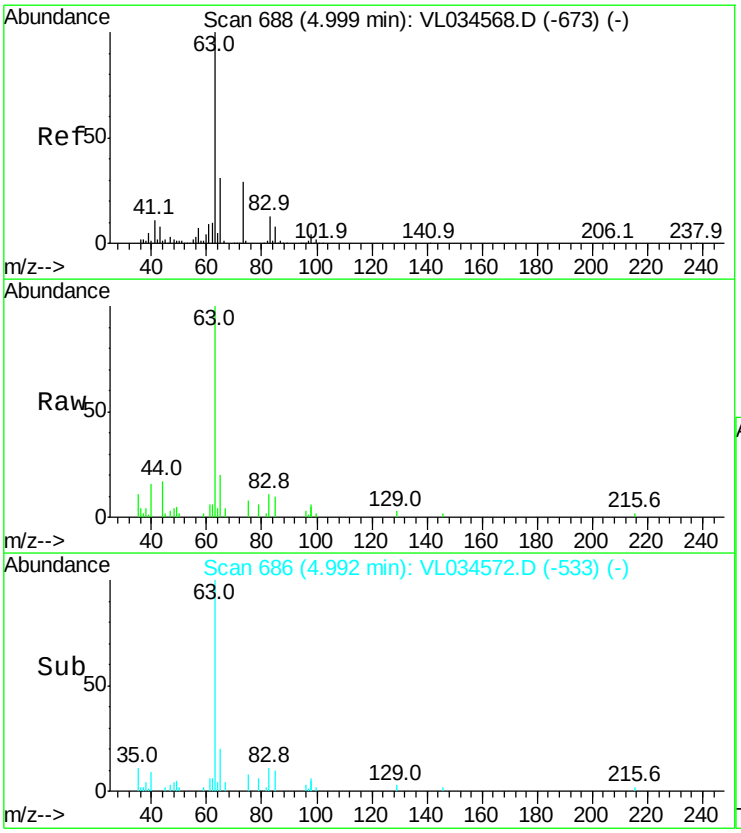
#23
Vinyl Acetate
Concen: 0.008 ppbv
RT: 5.05 min Scan# 704
Delta R.T. -0.01 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 43 Resp: 1430

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.4	8.2#
42	12.0	8.9	13.3
44	0.0	5.0	7.4#

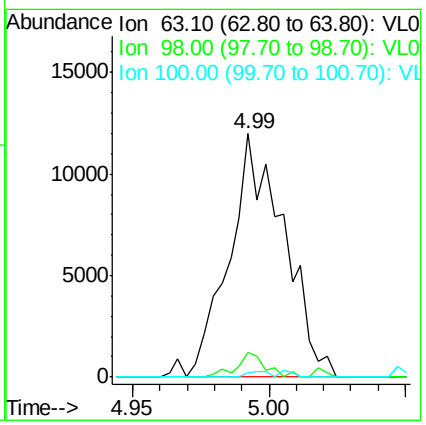


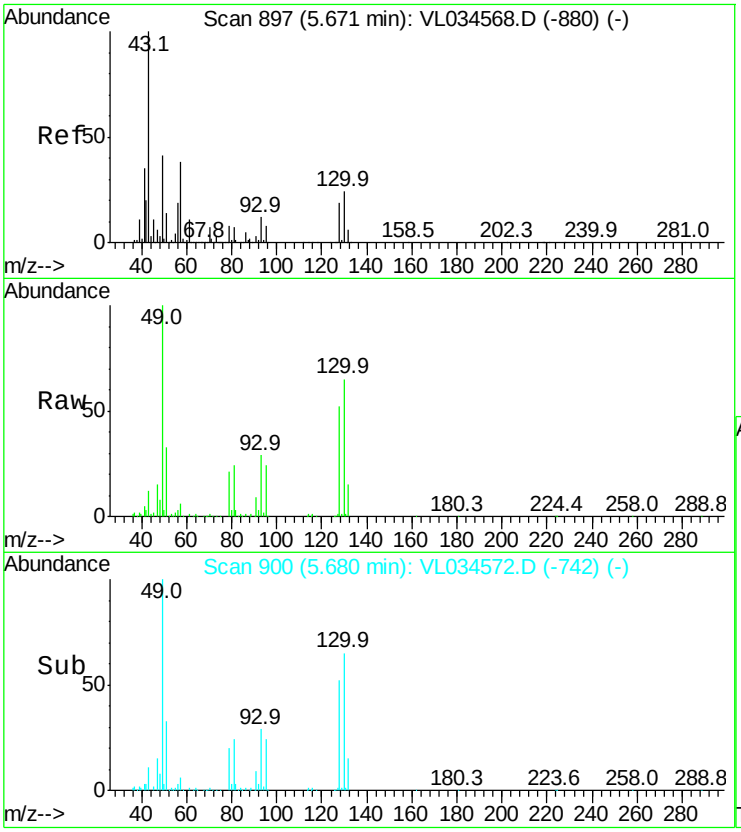


#24
1,1-Dichloroethane
Concen: 0.108 ppbv
RT: 4.99 min Scan# 686
Delta R.T. -0.01 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Tgt Ion: 63 Resp: 16570

Ion	Ratio	Lower	Upper
63	100		
98	10.3	2.1	6.3#
100	1.7	1.1	3.3



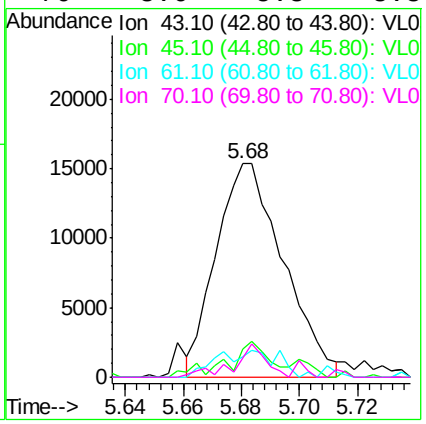


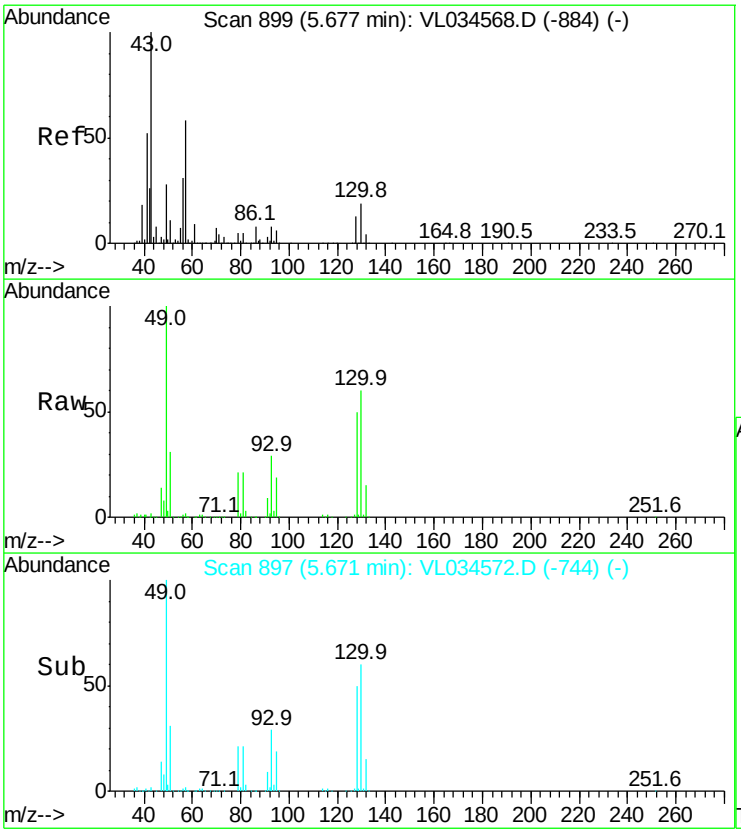
#25
Ethyl Acetate
Concen: 0.096 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.01 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 43 Resp: 24673

Ion	Ratio	Lower	Upper
43	100		
45	14.0	8.3	12.5#
61	12.6	7.8	11.6#
70	8.6	5.8	8.8

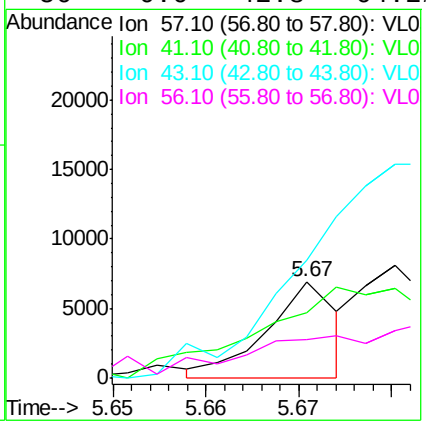


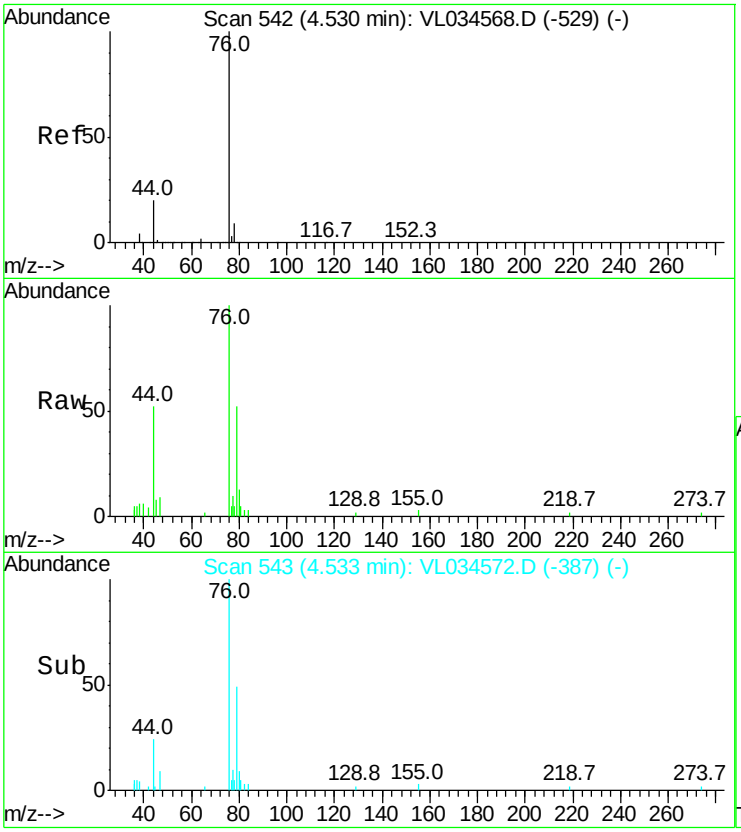


#26
Hexane
Concen: 0.033 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.01 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Tgt Ion: 57 Resp: 3622

Ion	Ratio	Lower	Upper
57	100		
41	327.3	75.3	112.9#
43	0.0	189.4	284.2#
56	0.0	42.8	64.2#



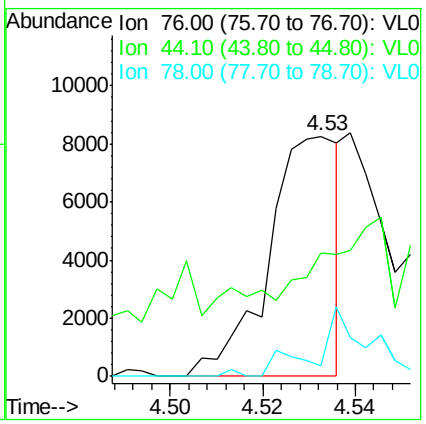


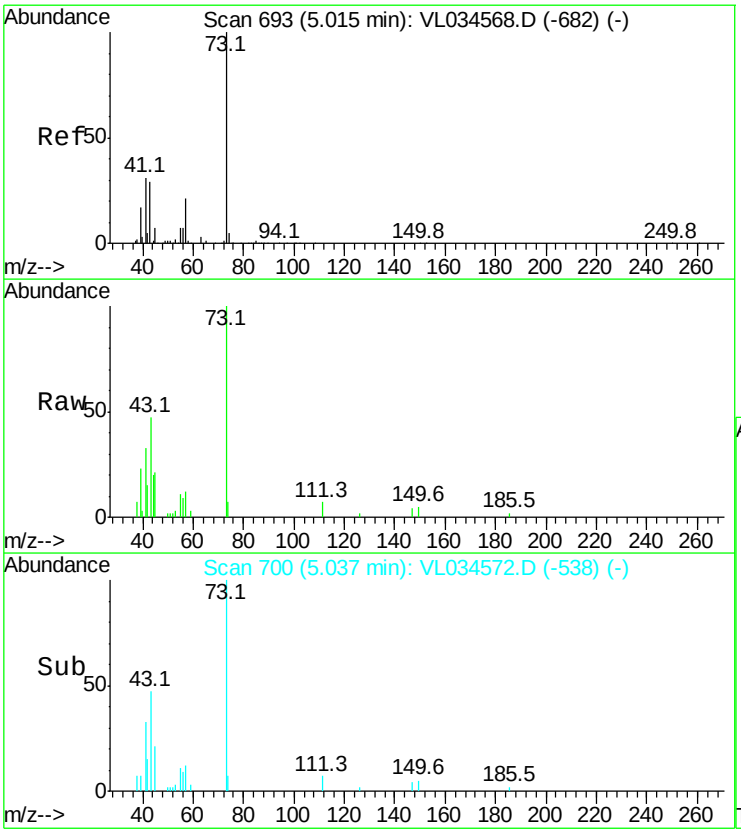
#27
Carbon Disulfide
Concen: 0.063 ppbv
RT: 4.53 min Scan# 543
Delta R.T. 0.00 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 76 Resp: 8670

Ion	Ratio	Lower	Upper
76	100		
44	12.8	16.6	25.0#
78	0.0	7.4	11.0#

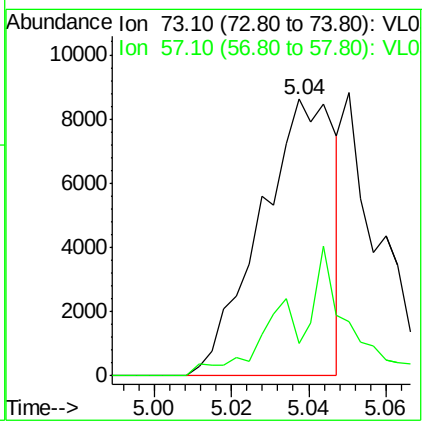


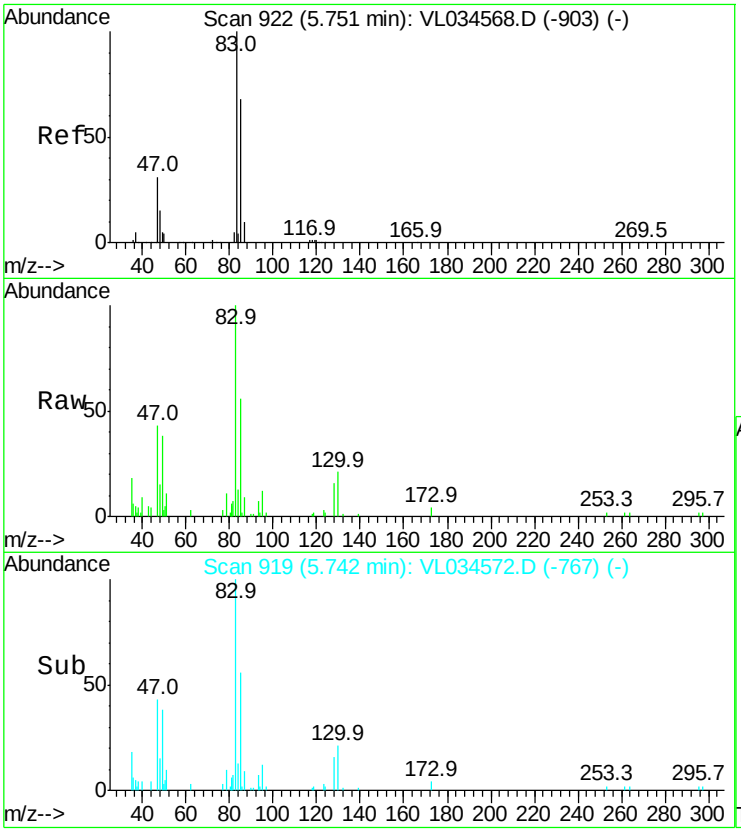


#28
Methyl tert-Butyl Ether
Concen: 0.063 ppbv
RT: 5.04 min Scan# 700
Delta R.T. 0.02 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Tgt Ion: 73 Resp: 11513

Ion	Ratio	Lower	Upper
73	100		
57	0.0	18.2	27.2#



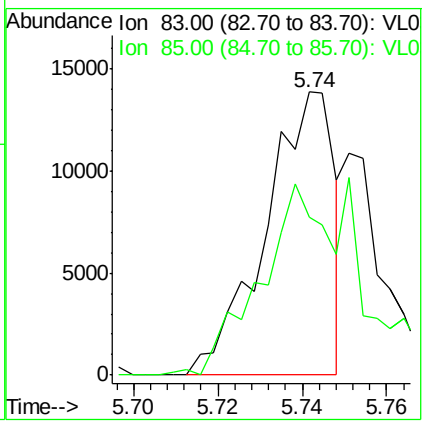


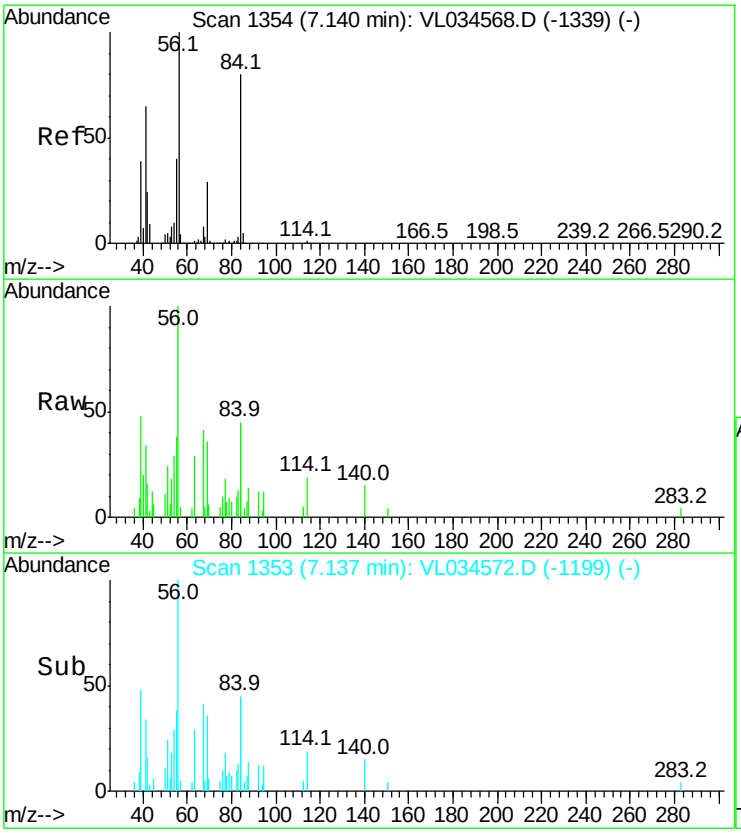
#29
Chloroform
Concen: 0.084 ppbv
RT: 5.74 min Scan# 919
Delta R.T. -0.01 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 83 Resp: 15716

Ion	Ratio	Lower	Upper
83	100		
85	55.5	51.0	76.6

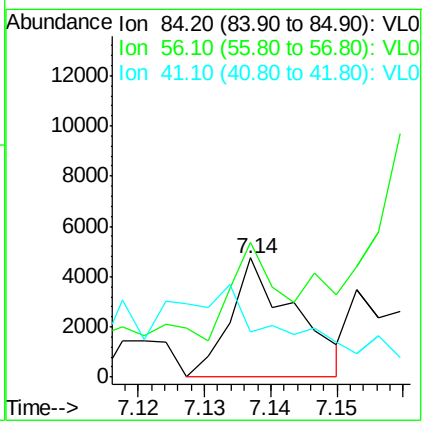


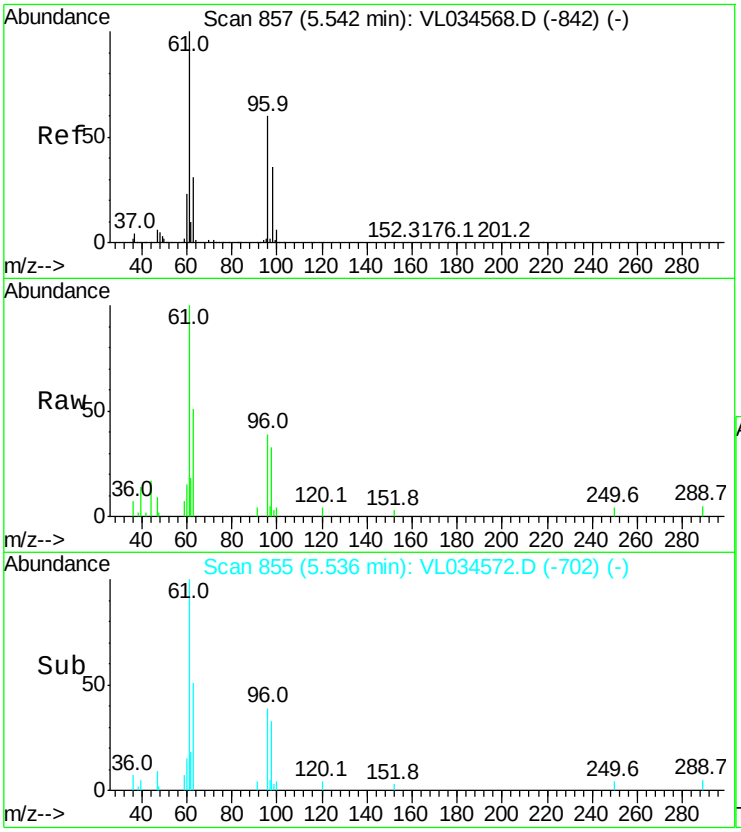


#30
Cyclohexane
Concen: 0.040 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. -0.00 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Tgt Ion: 84 Resp: 3191

Ion	Ratio	Lower	Upper
84	100		
56	0.0	112.7	169.1#
41	213.4	73.0	109.4#



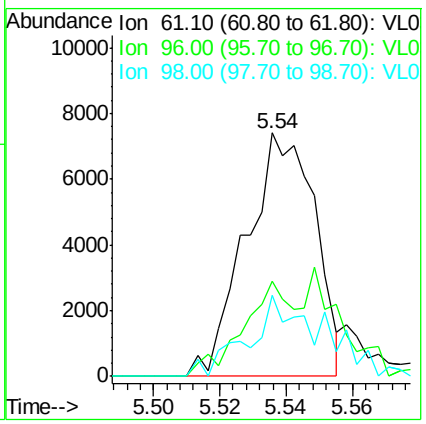


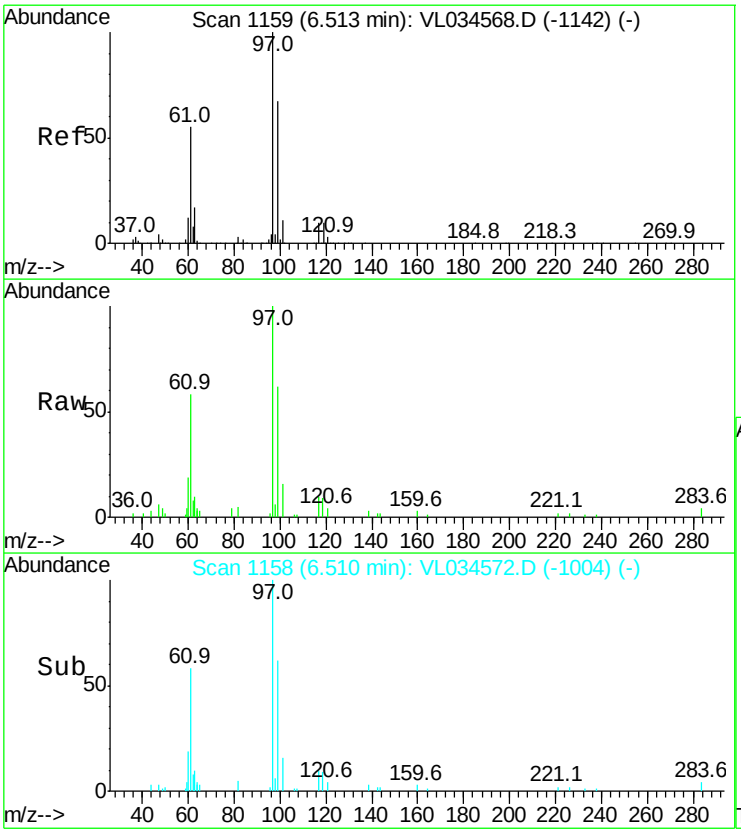
#31
cis-1,2-Dichloroethene
Concen: 0.097 ppbv
RT: 5.54 min Scan# 855
Delta R.T. -0.01 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 61 Resp: 10743

Ion	Ratio	Lower	Upper
61	100		
96	39.1	47.1	70.7#
98	33.2	31.0	46.6

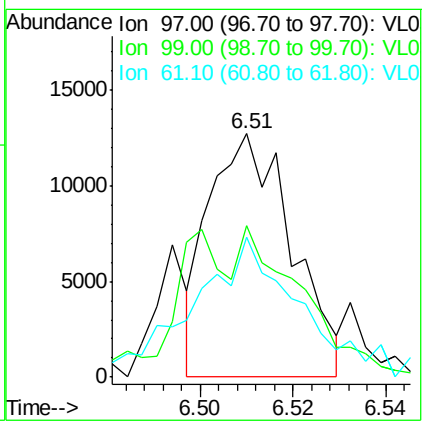


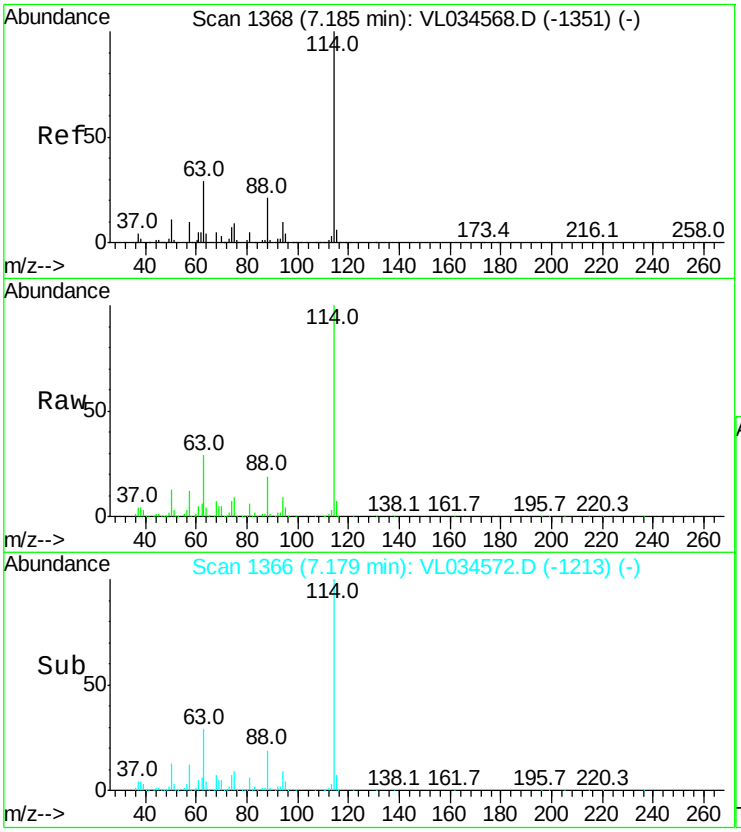


#32
1,1,1-Trichloroethane
Concen: 0.081 ppbv
RT: 6.51 min Scan# 1158
Delta R.T. -0.00 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Tgt Ion: 97 Resp: 15793

Ion	Ratio	Lower	Upper
97	100		
99	87.1	51.7	77.5#
61	76.2	42.9	64.3#



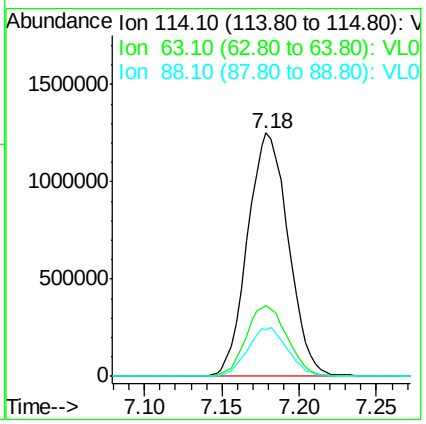


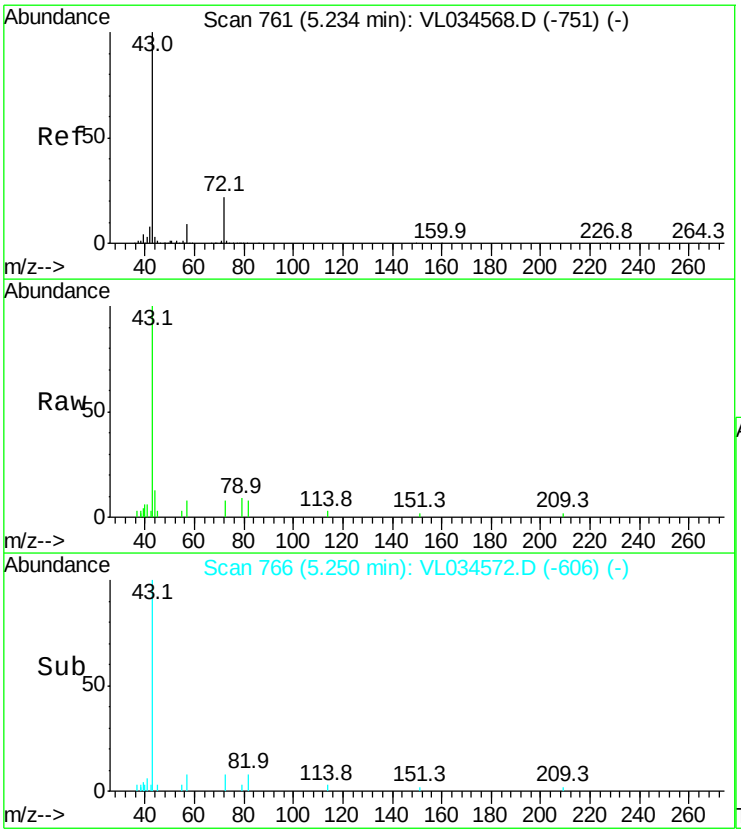
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.01 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:114 Resp: 2298917

Ion	Ratio	Lower	Upper
114	100		
63	29.5	24.1	36.1
88	19.7	15.7	23.5

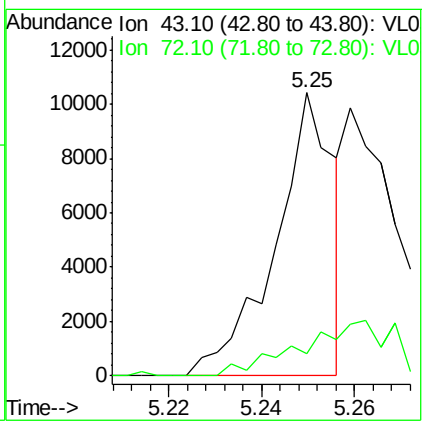


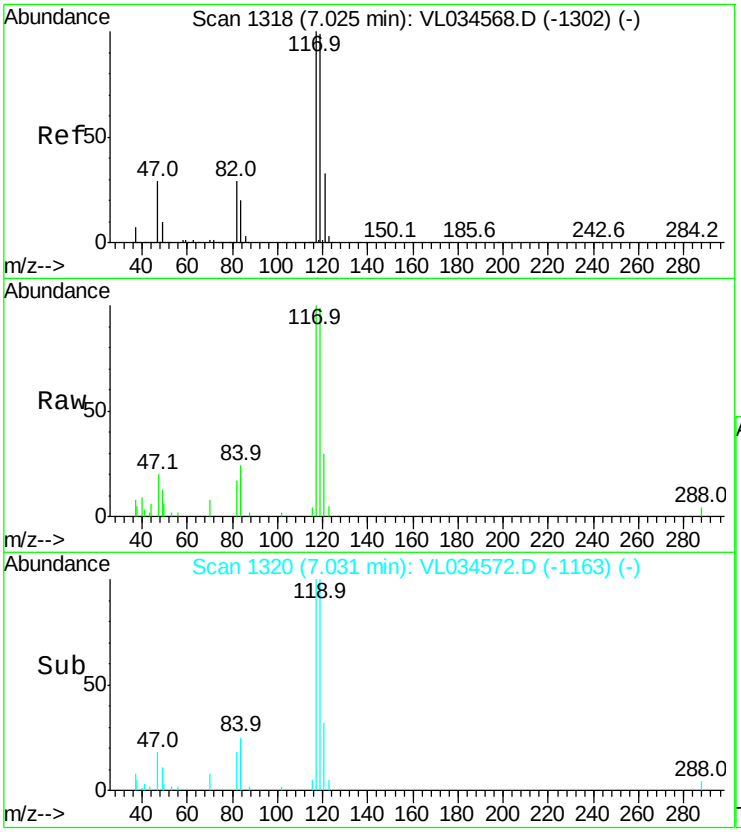


#34
2-Butanone
Concen: 0.055 ppbv
RT: 5.25 min Scan# 766
Delta R.T. 0.02 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Tgt Ion: 43 Resp: 9092

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.0	25.4#



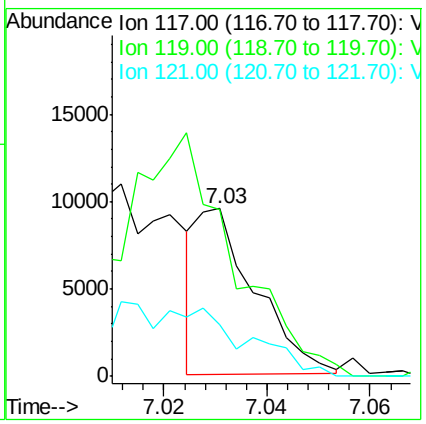


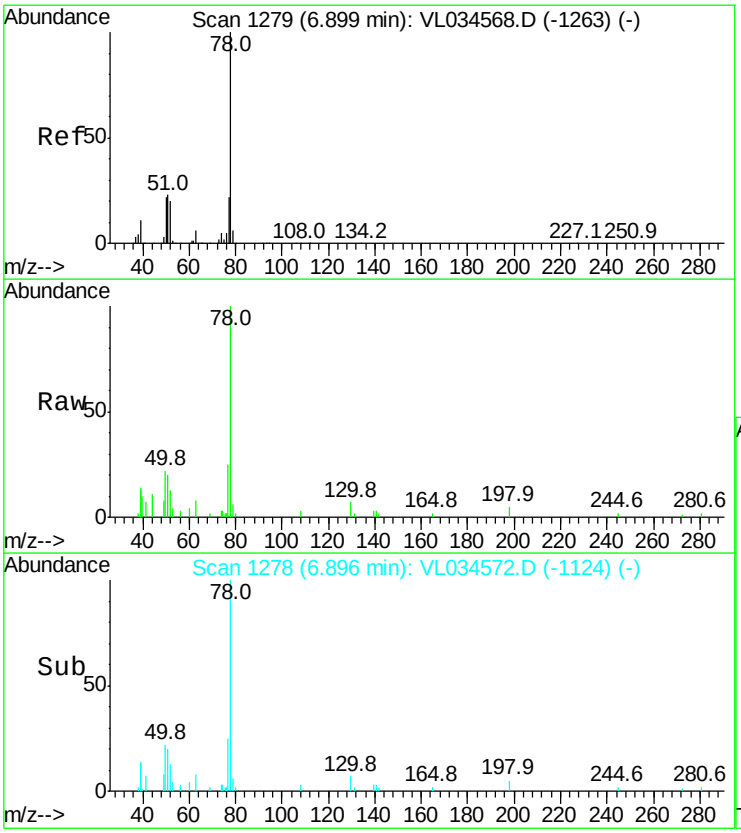
#35
Carbon Tetrachloride
Concen: 0.035 ppbv
RT: 7.03 min Scan# 1320
Delta R.T. 0.01 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:117 Resp: 7392

Ion	Ratio	Lower	Upper
117	100		
119	96.5	78.7	118.1
121	31.8	25.9	38.9

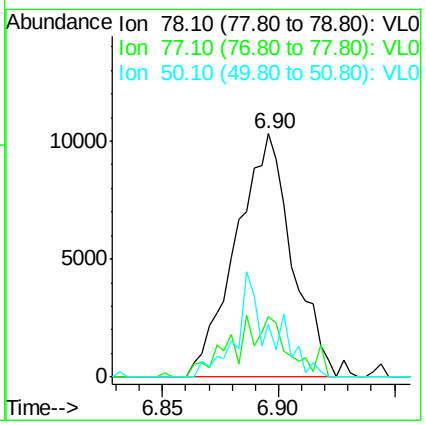


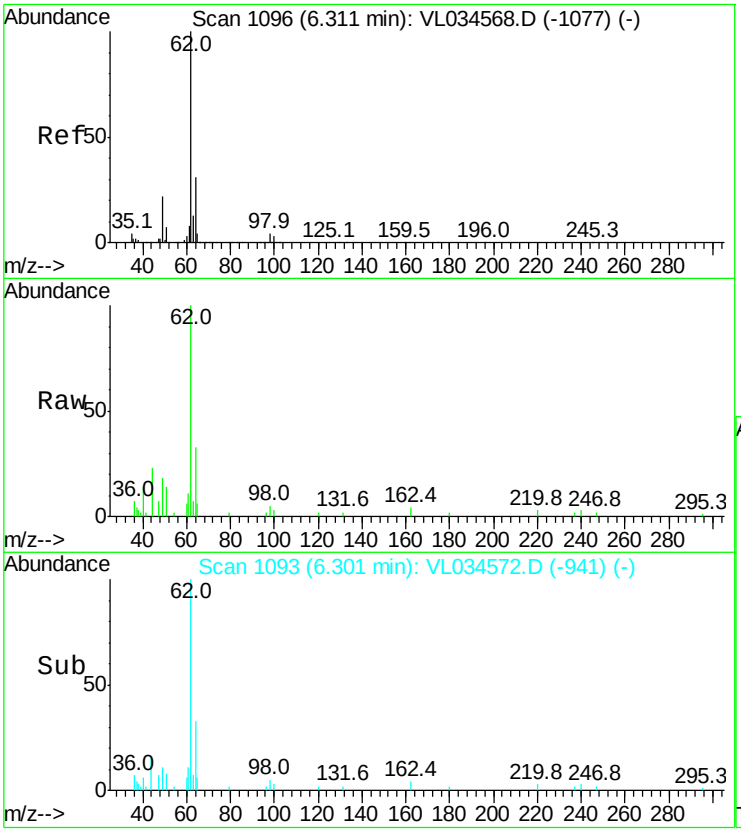


#36
Benzene
Concen: 0.087 ppbv
RT: 6.90 min Scan# 1278
Delta R.T. -0.00 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Tgt Ion: 78 Resp: 17361

Ion	Ratio	Lower	Upper
78	100		
77	25.1	18.6	28.0
50	21.8	18.8	28.2



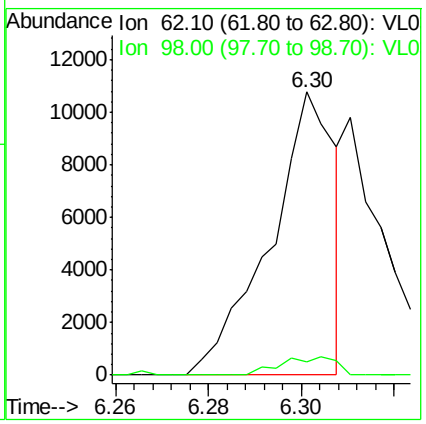


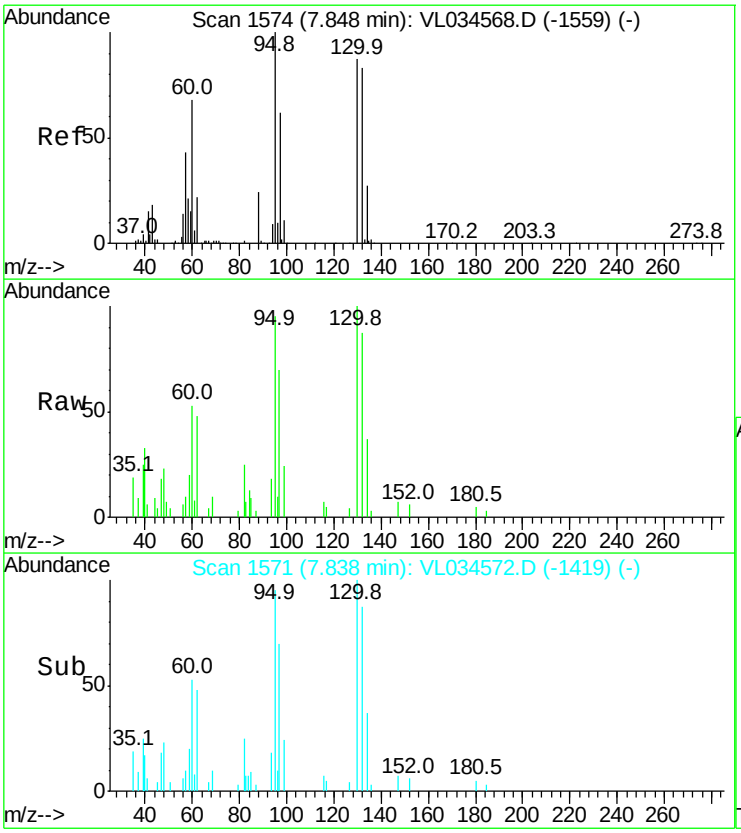
#37
1,2-Dichloroethane
Concen: 0.064 ppbv
RT: 6.30 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 62 Resp: 10475

Ion	Ratio	Lower	Upper
62	100		
98	5.7	3.8	5.6#

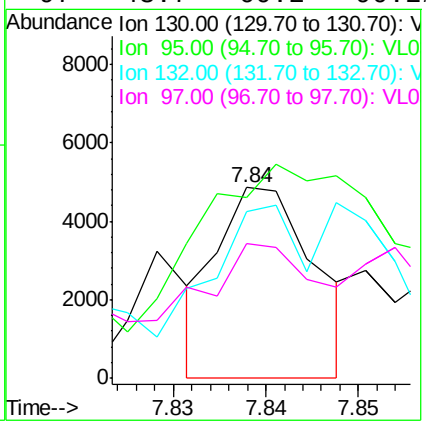


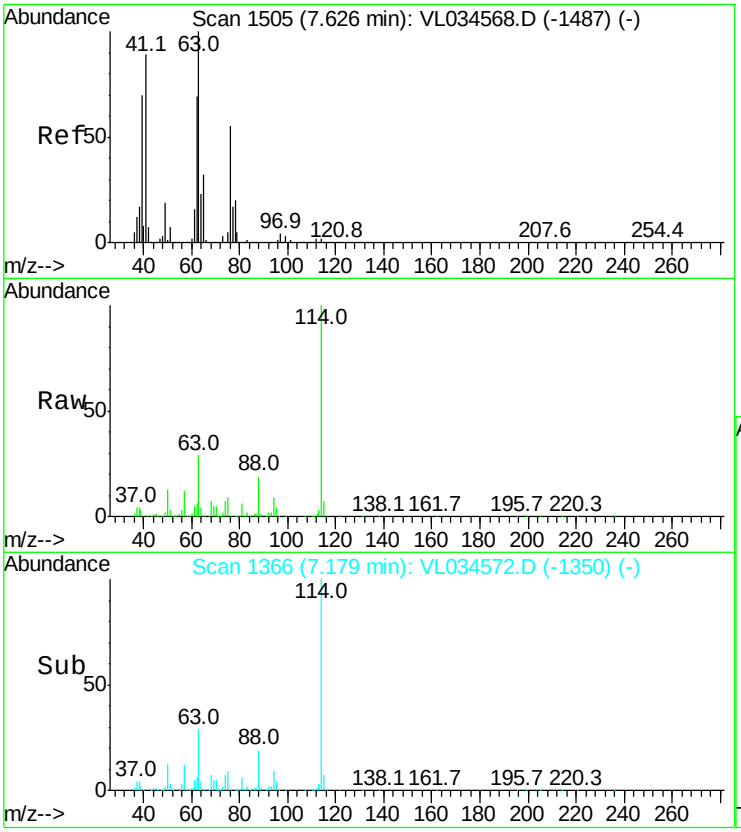


#38
Trichloroethene
Concen: 0.044 ppbv
RT: 7.84 min Scan# 1571
Delta R.T. -0.01 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Tgt Ion:130 Resp: 3541

Ion	Ratio	Lower	Upper
130	100		
95	47.6	94.2	141.2#
132	77.8	76.1	114.1
97	43.7	60.2	90.2#



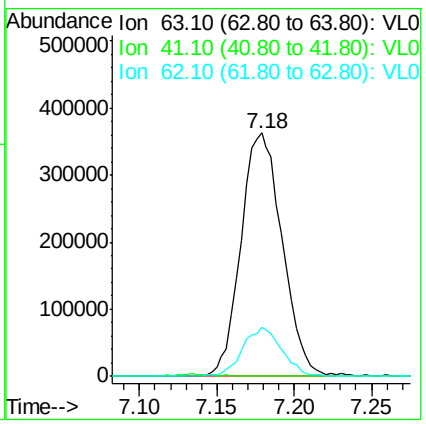


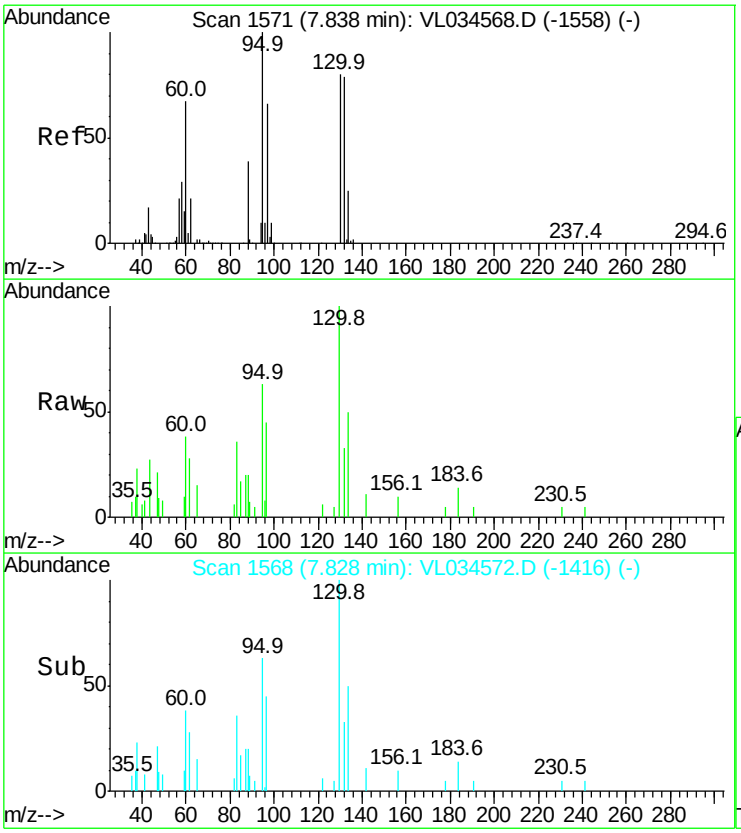
#39
1,2-Dichloropropane
Concen: 8.163 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.45 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 63 Resp: 672635

Ion	Ratio	Lower	Upper
63	100		
41	0.0	66.1	99.1#
62	20.2	54.9	82.3#

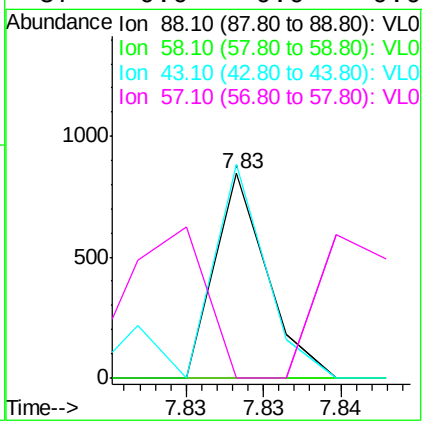


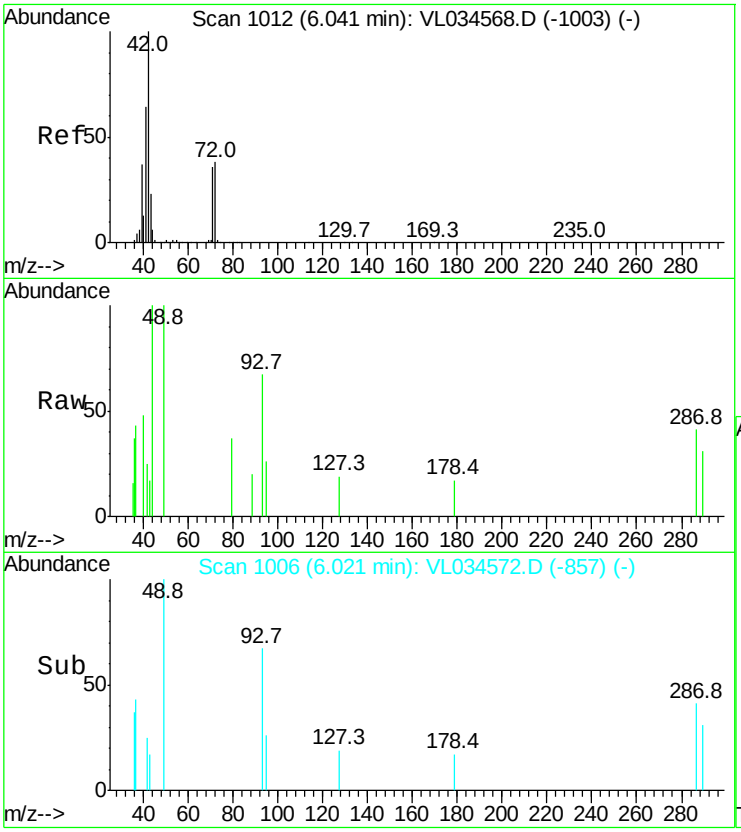


#40
1,4-Dioxane
Concen: 0.006 ppbv
RT: 7.83 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Tgt Ion: 88 Resp: 198

Ion	Ratio	Lower	Upper
88	100		
58	0.0	107.9	161.9#
43	0.0	0.0	0.0
57	0.0	0.0	0.0



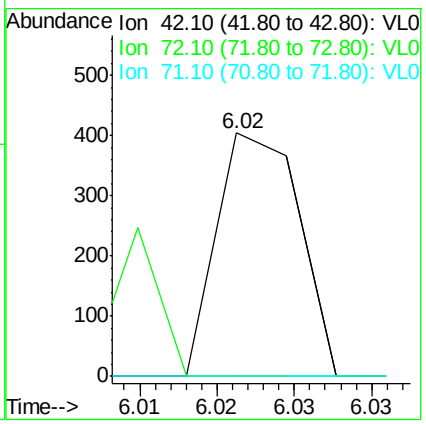


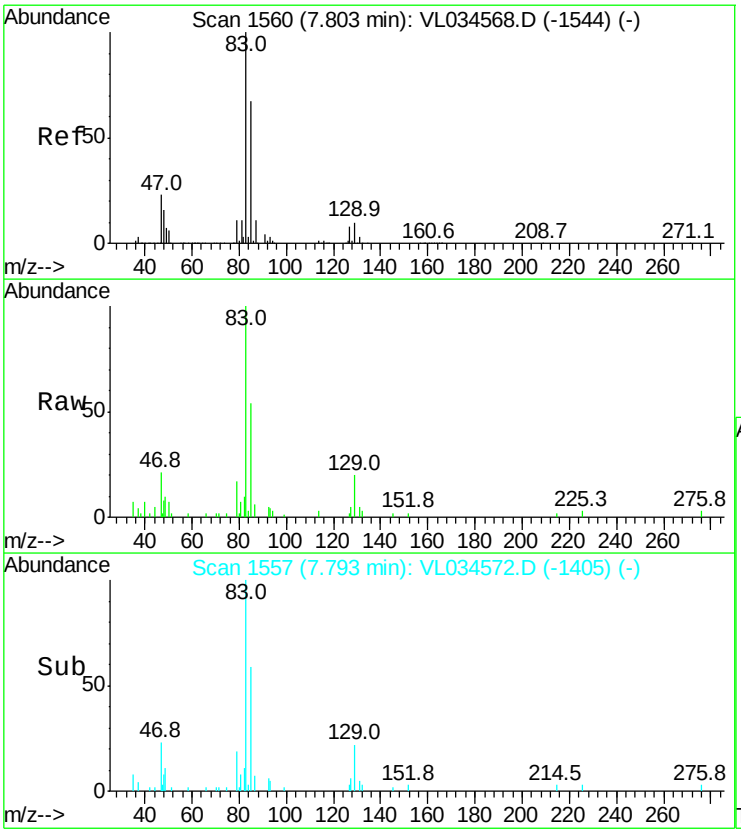
#41
Tetrahydrofuran
Concen: 0.002 ppbv
RT: 6.02 min Scan# 1006
Delta R.T. -0.02 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 42 Resp: 149

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.9	46.3#
71	0.0	28.9	43.3#

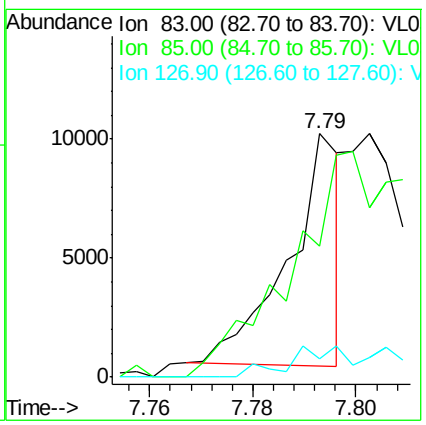


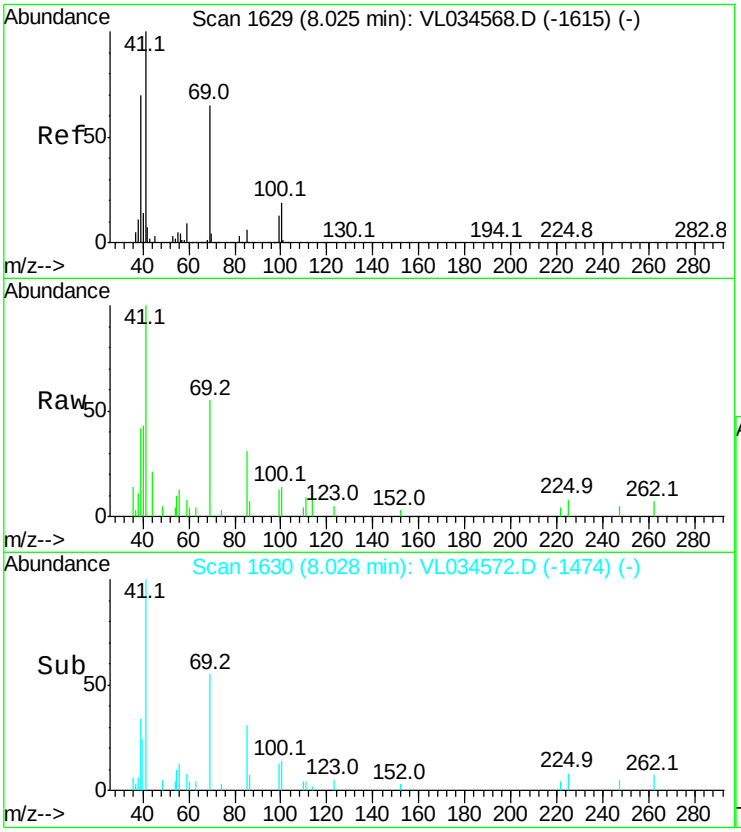


#42
Bromodichloromethane
Concen: 0.034 ppbv
RT: 7.79 min Scan# 1557
Delta R.T. -0.01 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Tgt Ion: 83 Resp: 6775

Ion	Ratio	Lower	Upper
83	100		
85	57.3	49.4	74.2
127	8.0	6.2	9.4



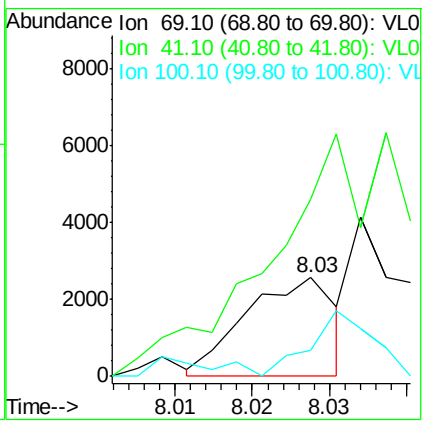


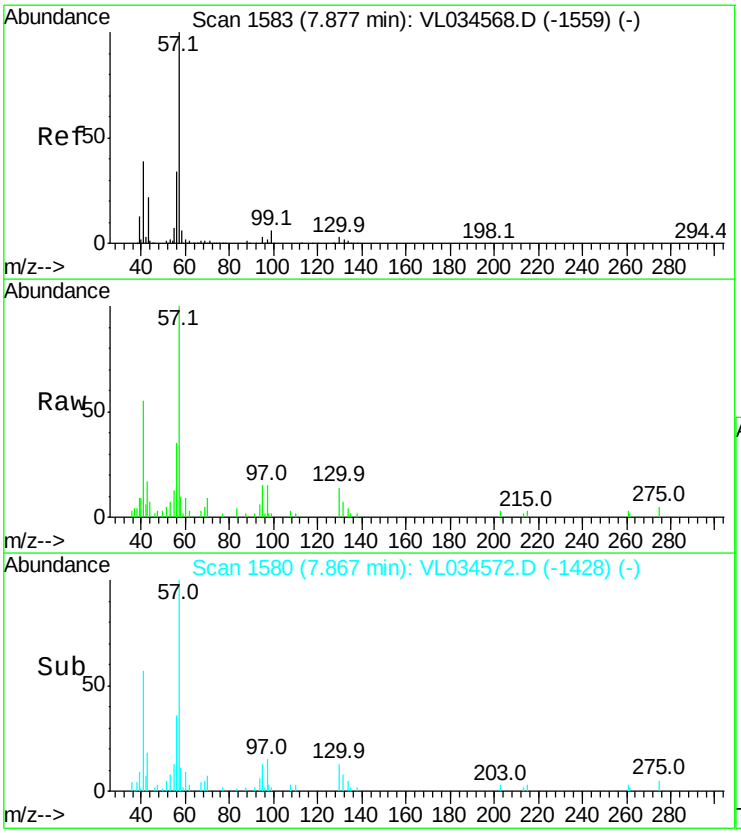
#43
Methyl Methacrylate
Concen: 0.025 ppbv
RT: 8.03 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 69 Resp: 2058

Ion	Ratio	Lower	Upper
69	100		
41	0.0	124.0	186.0#
100	0.0	23.1	34.7#

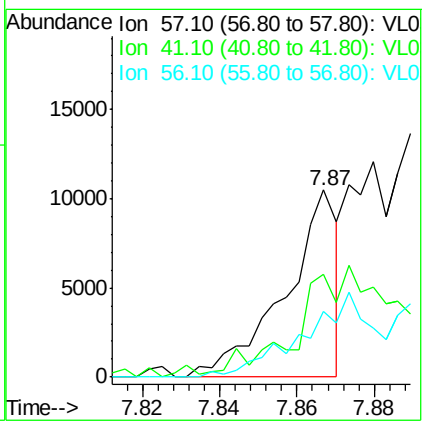


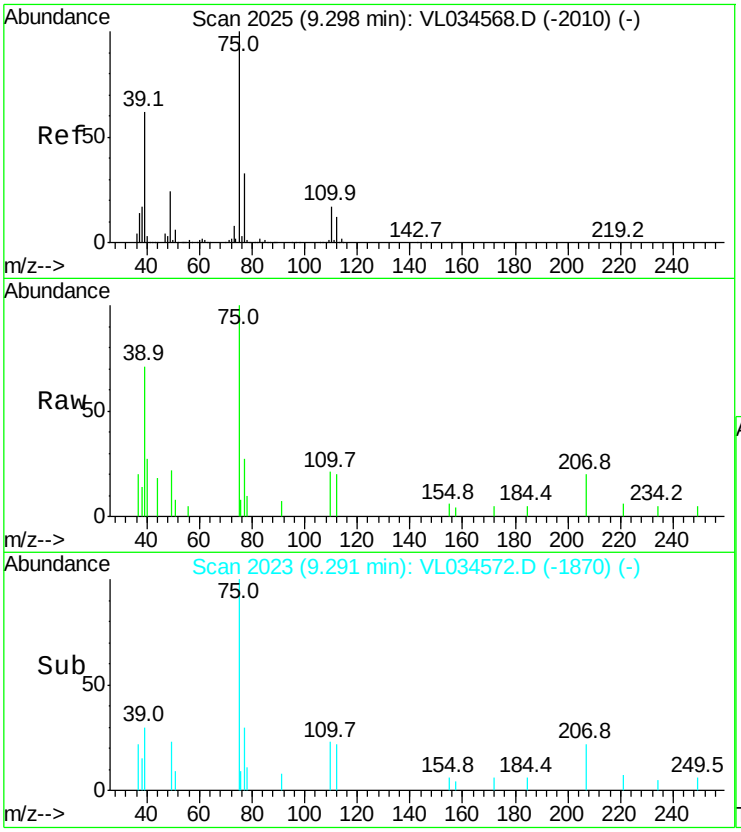


#44
2,2,4-Trimethylpentane
Concen: 0.026 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. -0.01 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Tgt Ion: 57 Resp: 9812

Ion	Ratio	Lower	Upper
57	100		
41	0.0	29.0	43.4#
56	0.0	24.9	37.3#



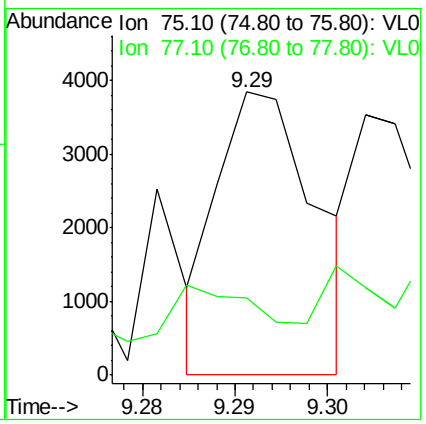


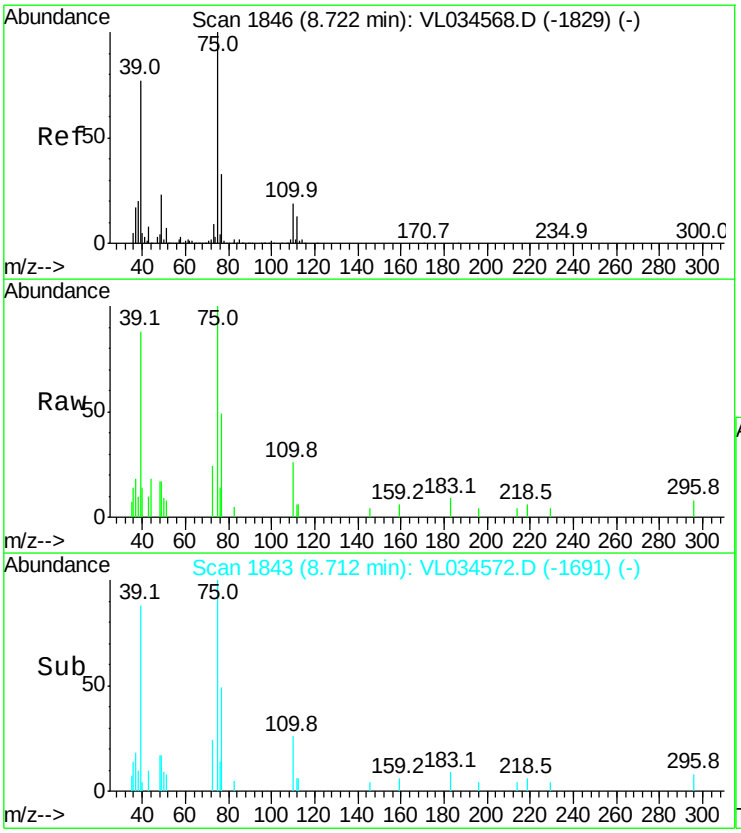
#45
t-1,3-Dichloropropene
Concen: 0.027 ppbv
RT: 9.29 min Scan# 2023
Delta R.T. -0.01 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 75 Resp: 2834

Ion	Ratio	Lower	Upper
75	100		
77	25.2	24.2	36.2

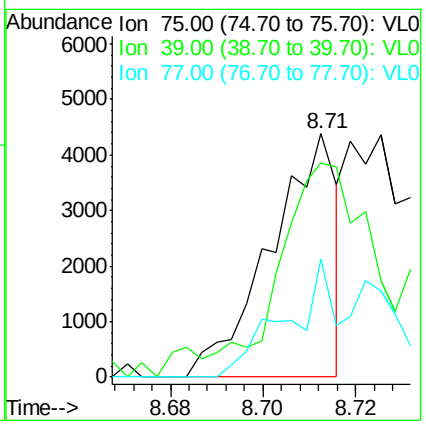


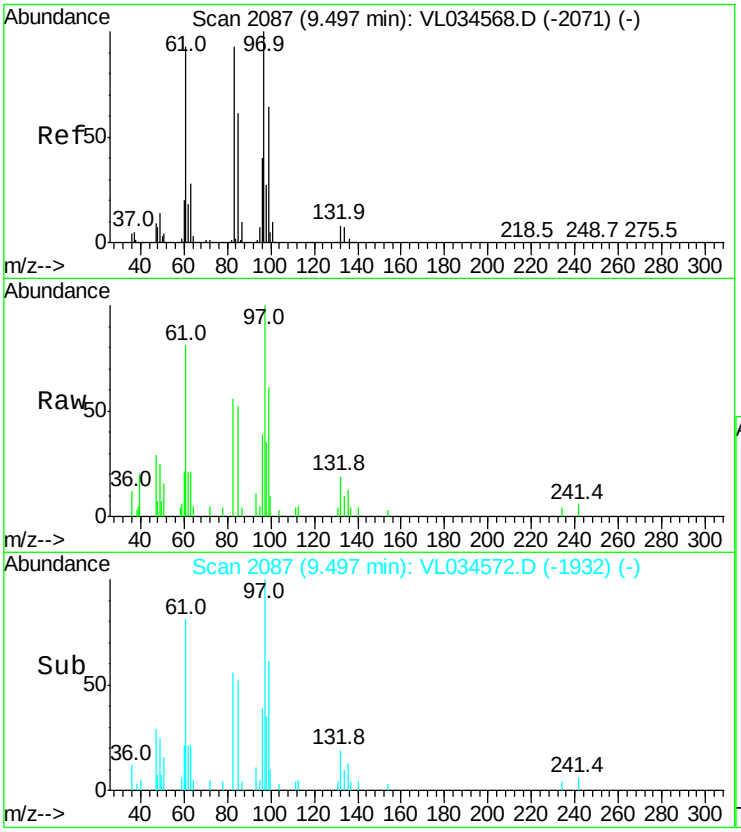


#46
cis-1,3-Dichloropropene
Concen: 0.036 ppbv
RT: 8.71 min Scan# 1843
Delta R.T. -0.01 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Tgt Ion: 75 Resp: 4344

Ion	Ratio	Lower	Upper
75	100		
39	75.9	60.5	90.7
77	48.6	24.8	37.2#



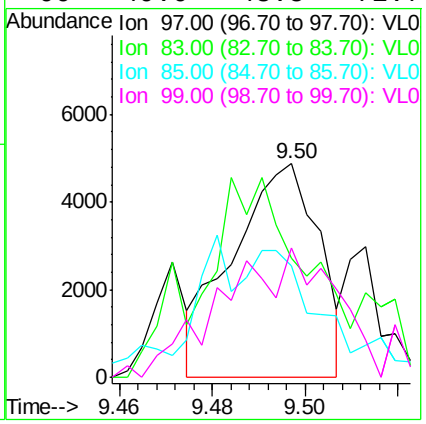


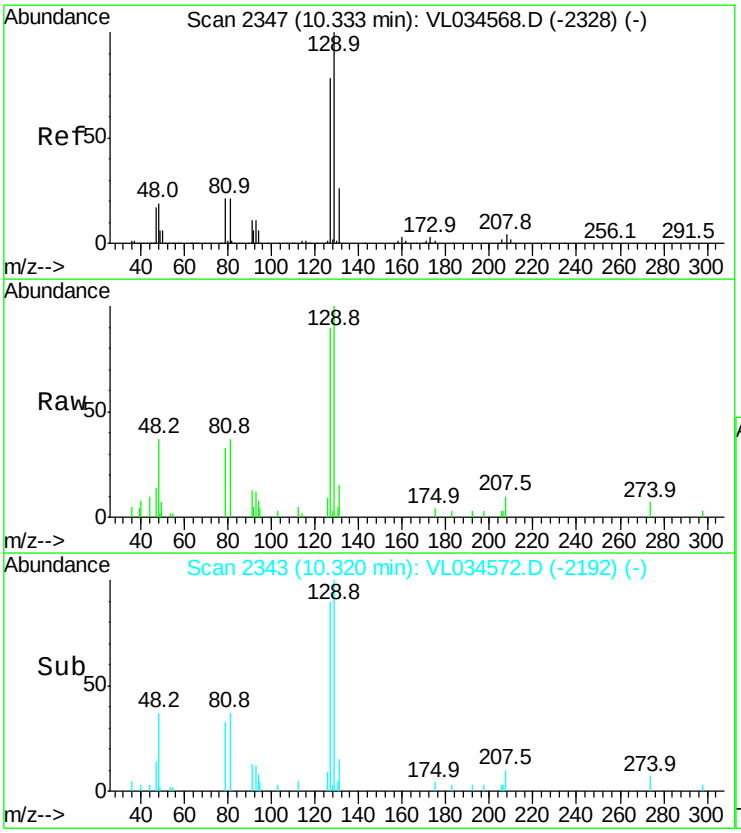
#47
1,1,2-Trichloroethane
Concen: 0.069 ppbv
RT: 9.50 min Scan# 2087
Delta R.T. -0.00 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 97 Resp: 6293

Ion	Ratio	Lower	Upper
97	100		
83	45.0	75.0	112.4#
85	50.4	48.2	72.4
99	49.0	48.5	72.7

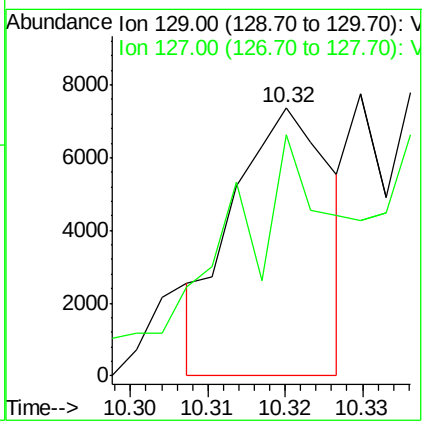


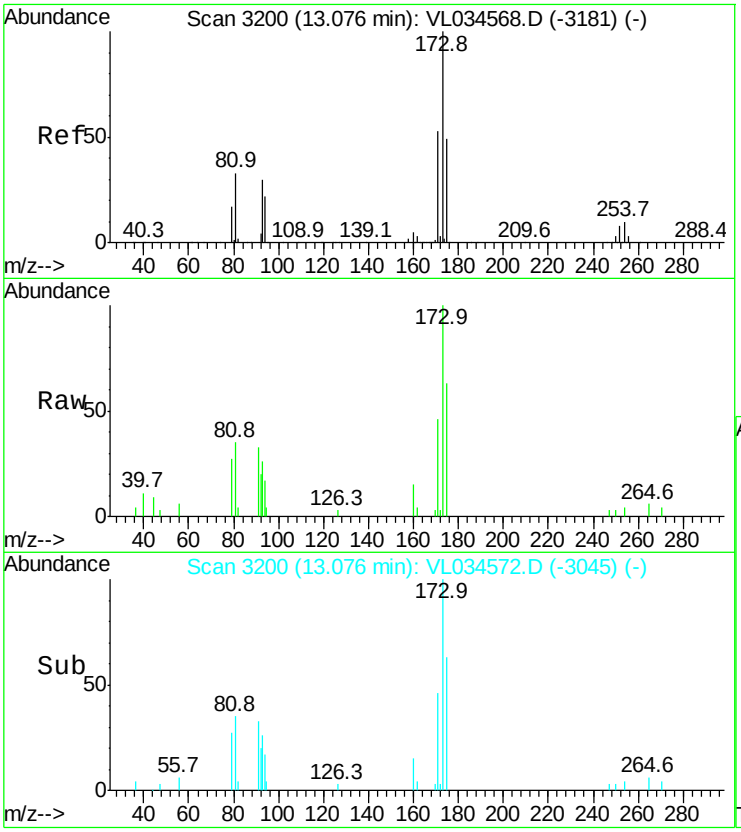


#48
Dibromochloromethane
Concen: 0.041 ppbv
RT: 10.32 min Scan# 2343
Delta R.T. -0.01 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Tgt Ion:129 Resp: 6489

Ion	Ratio	Lower	Upper
129	100		
127	176.8	39.4	118.2#



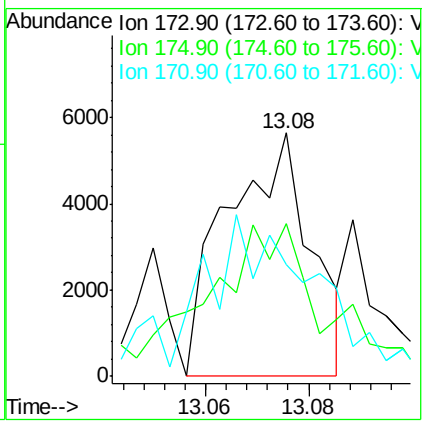


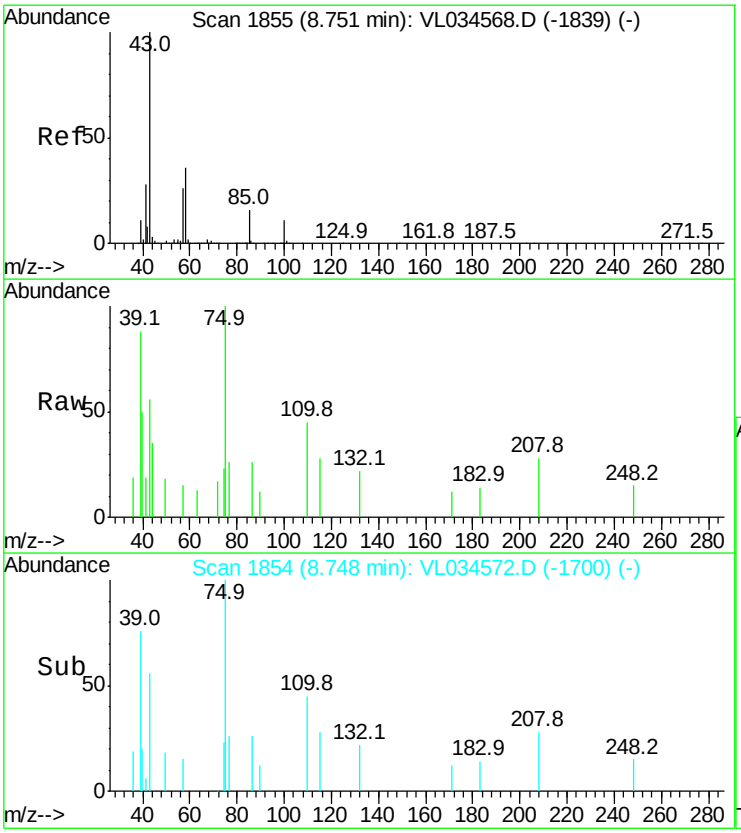
#49
Bromoform
Concen: 0.045 ppbv
RT: 13.08 min Scan# 3200
Delta R.T. -0.00 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:173 Resp: 6375

Ion	Ratio	Lower	Upper
173	100		
175	92.8	39.8	59.8#
171	92.6	42.1	63.1#

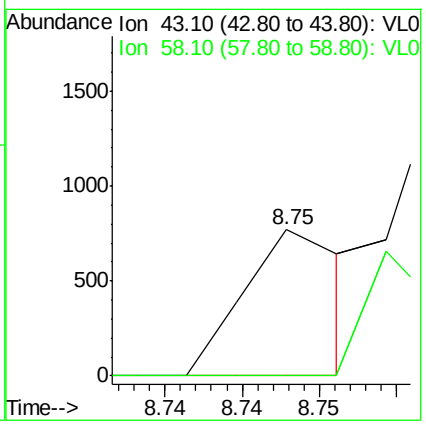


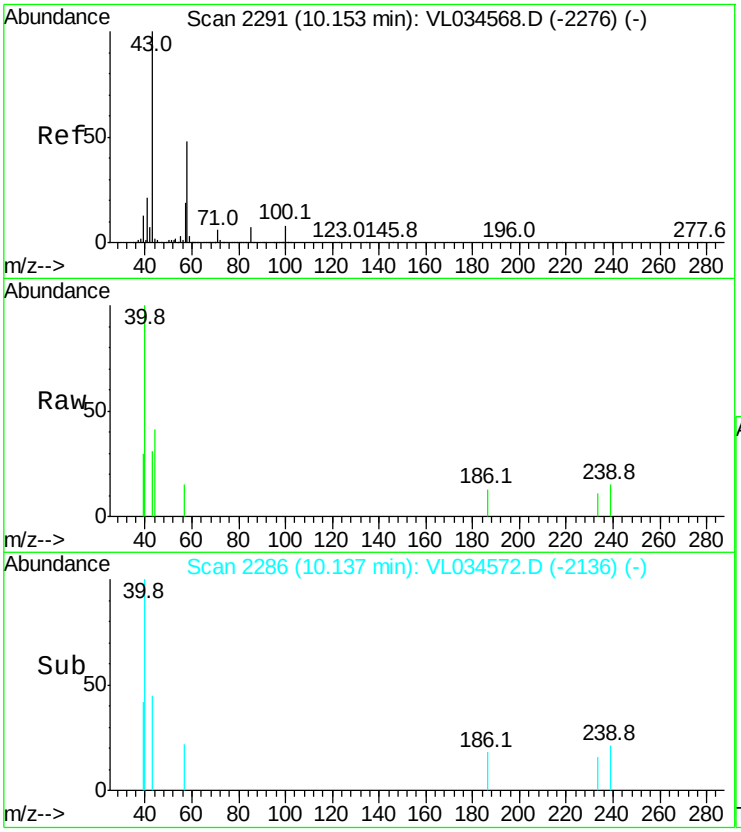


#50
4-Methyl-2-Pentanone
Concen: 0.001 ppbv
RT: 8.75 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Tgt Ion: 43 Resp: 347

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.2	42.2#



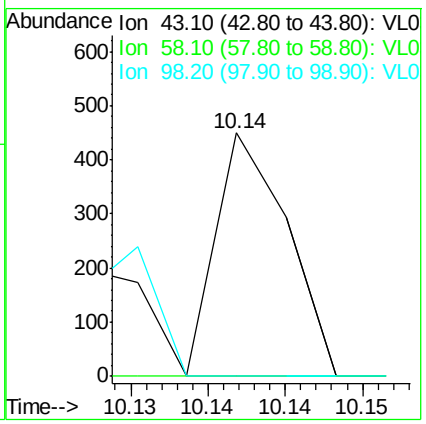


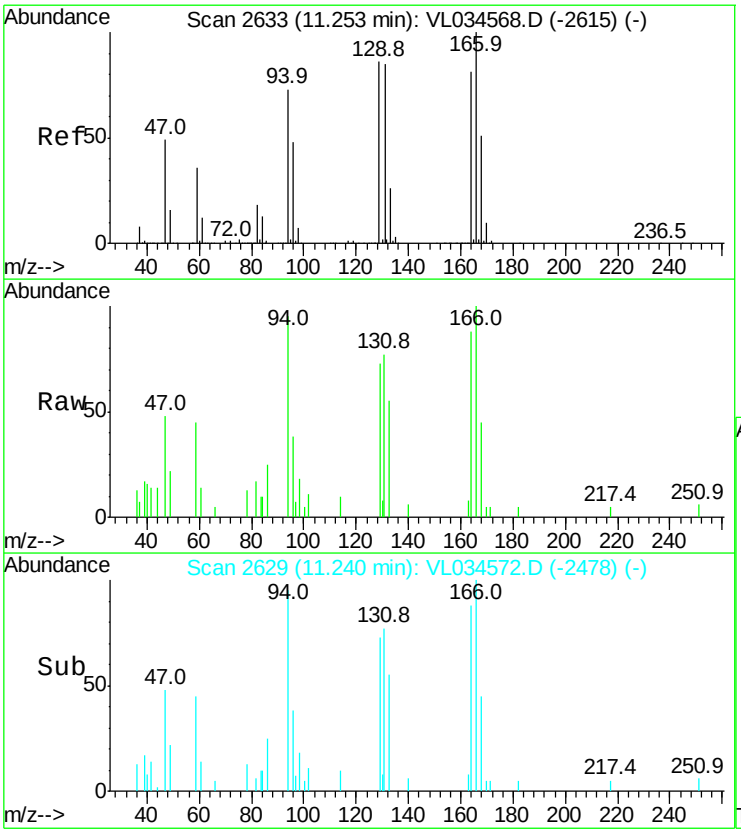
#51
2-Hexanone
Concen: 0.001 ppbv
RT: 10.14 min Scan# 2286
Delta R.T. -0.02 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 43 Resp: 144

Ion	Ratio	Lower	Upper
43	100		
58	0.0	37.4	56.0#
98	0.0	0.2	0.2#

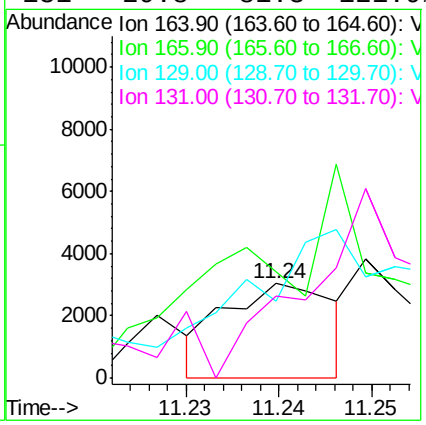


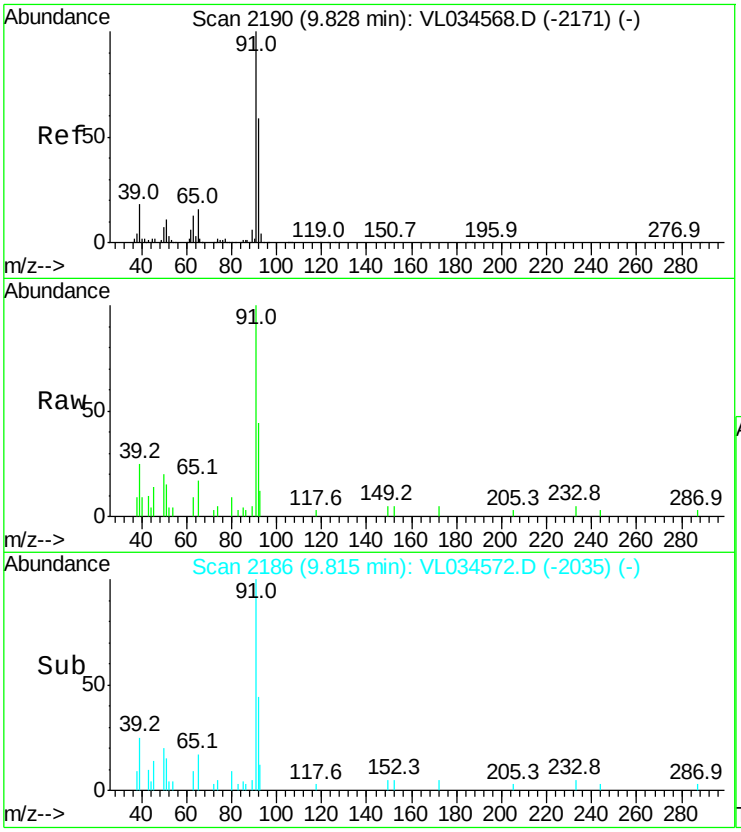


#52
Tetrachloroethene
Concen: 0.032 ppbv
RT: 11.24 min Scan# 2629
Delta R.T. -0.01 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Tgt Ion:164 Resp: 2467

Ion	Ratio	Lower	Upper
164	100		
166	35.2	95.7	143.5#
129	53.2	82.2	123.2#
131	29.8	81.3	121.9#



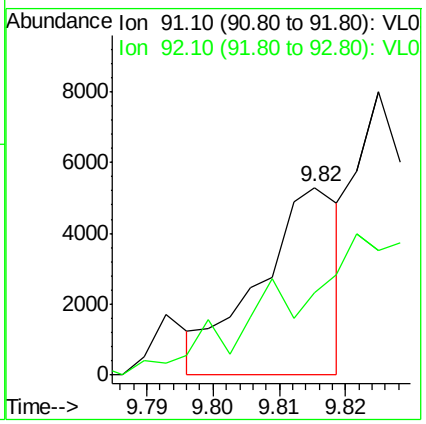


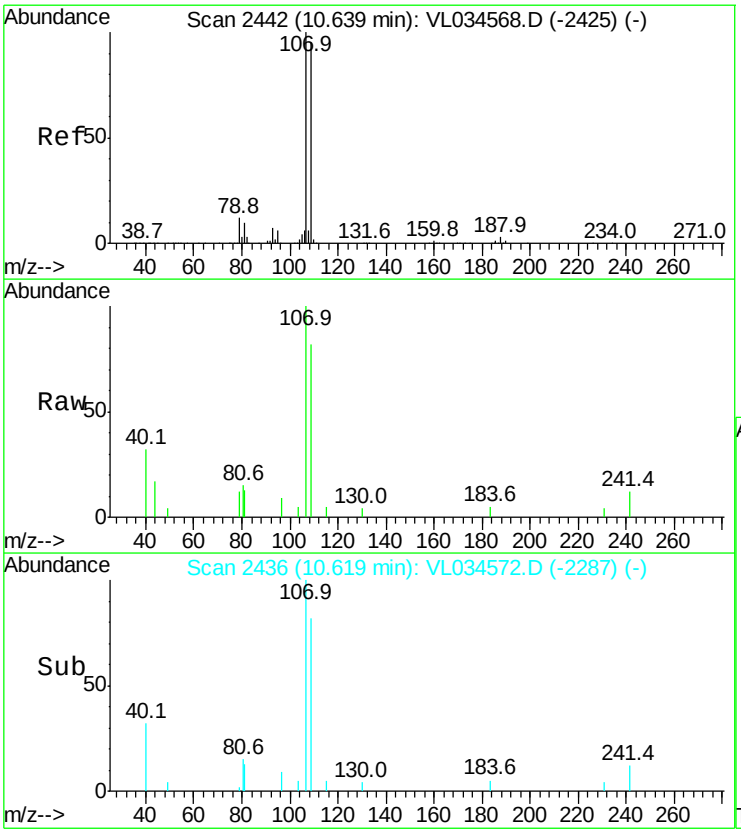
#53
Toluene
Concen: 0.020 ppbv
RT: 9.82 min Scan# 2186
Delta R.T. -0.01 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 91 Resp: 4476

Ion	Ratio	Lower	Upper
91	100		
92	0.0	48.4	72.6#

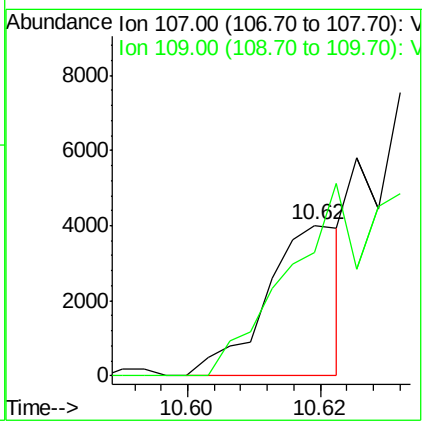


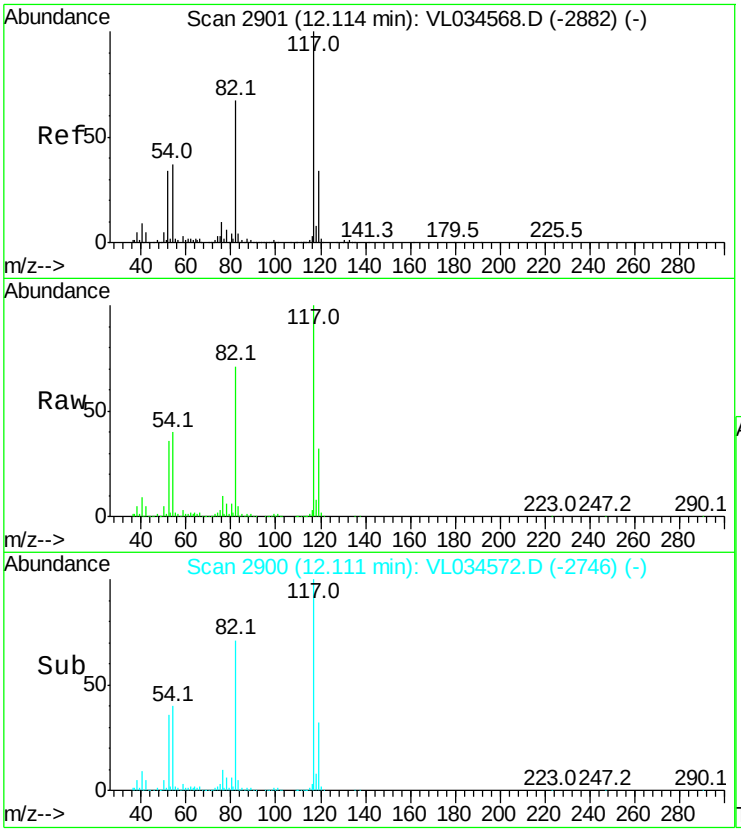


#54
1,2-Dibromoethane
Concen: 0.024 ppbv
RT: 10.62 min Scan# 2436
Delta R.T. -0.02 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Tgt Ion:107 Resp: 3149

Ion	Ratio	Lower	Upper
107	100		
109	82.1	75.5	113.3



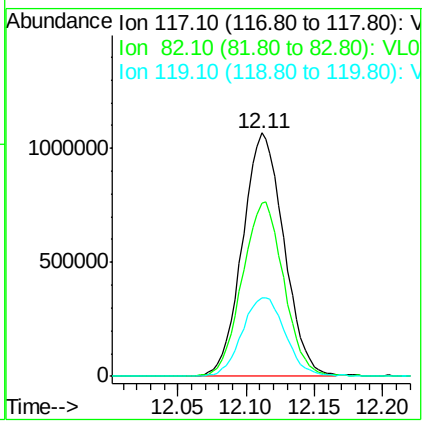


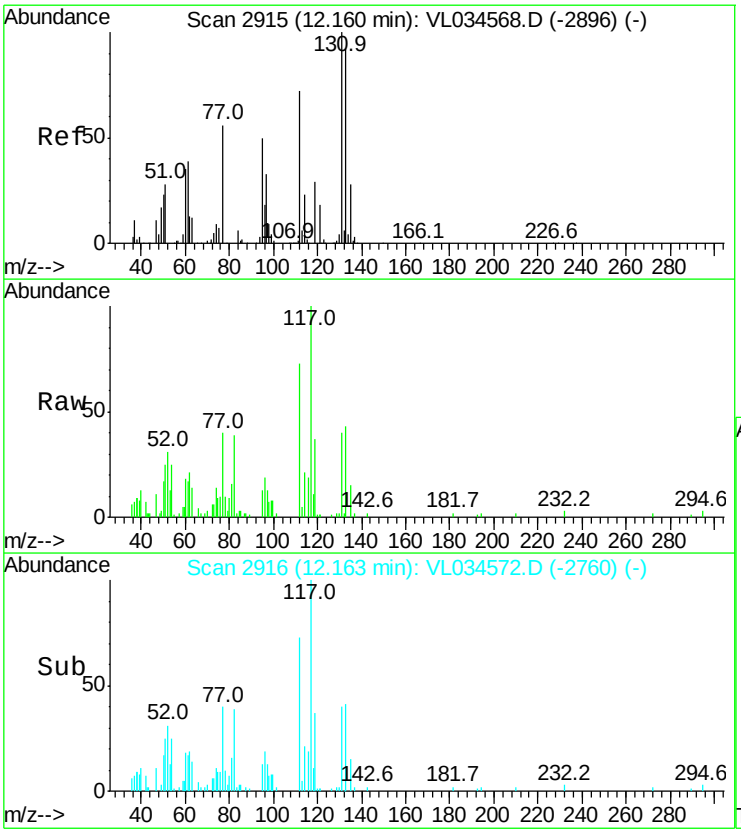
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. -0.00 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:117 Resp: 2249234

Ion	Ratio	Lower	Upper
117	100		
82	72.1	56.2	84.4
119	33.8	27.1	40.7

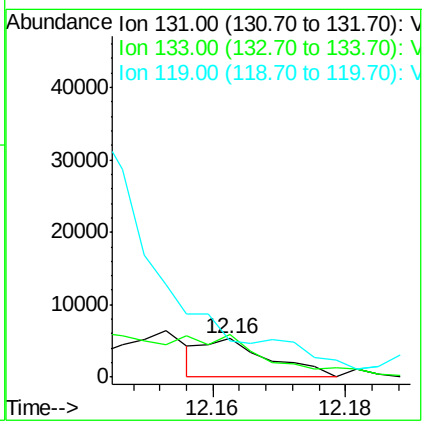


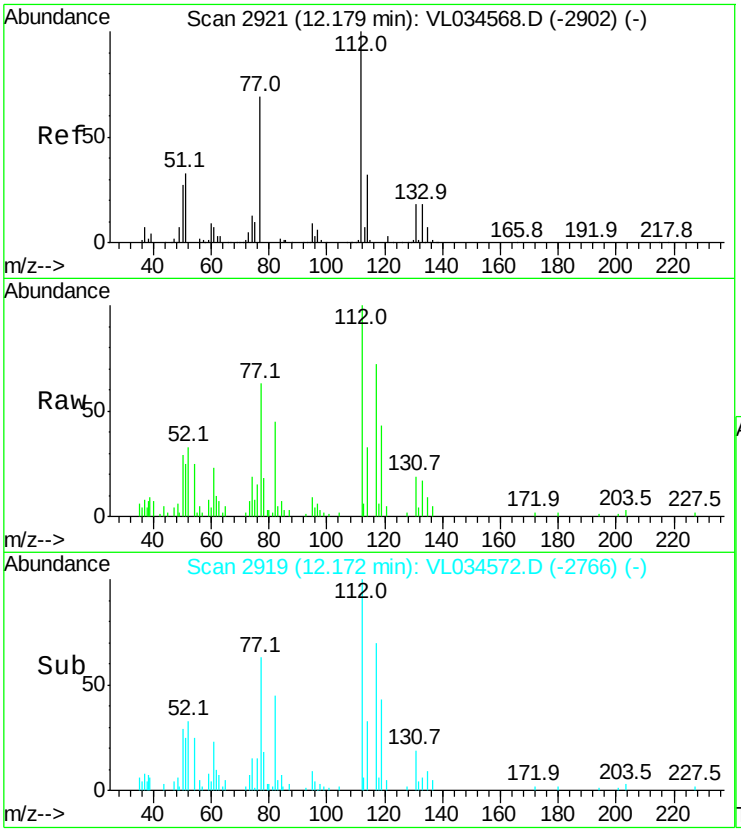


#56
1,1,1,2-Tetrachloroethane
Concen: 0.034 ppbv
RT: 12.16 min Scan# 2916
Delta R.T. 0.00 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Tgt Ion:131 Resp: 3654

Ion	Ratio	Lower	Upper
131	100		
133	0.0	76.2	114.2#
119	0.0	47.1	70.7#



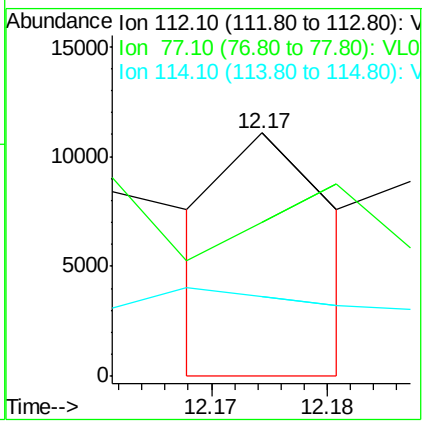


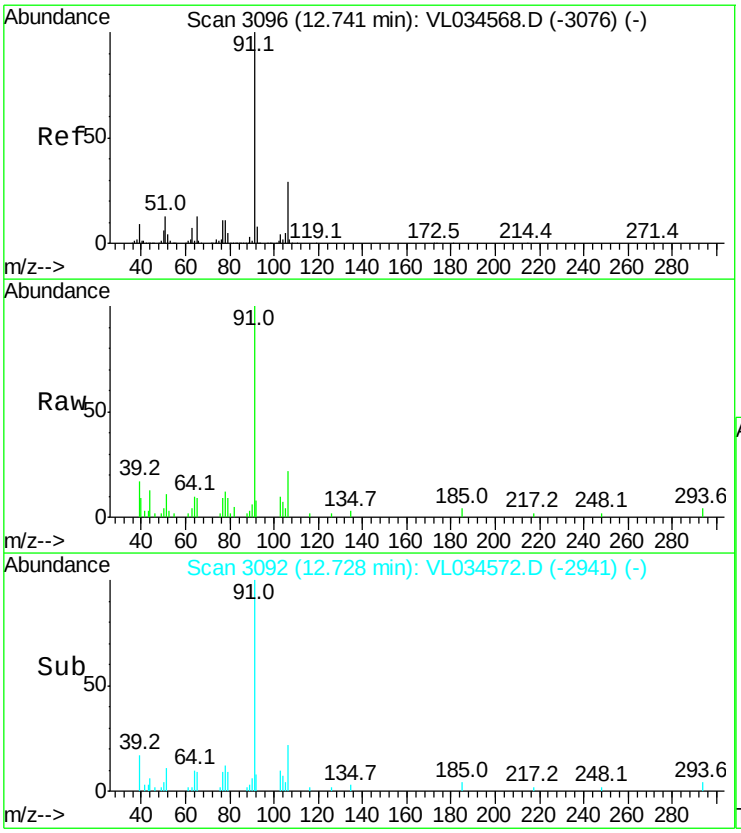
#57
Chlorobenzene
Concen: 0.019 ppbv
RT: 12.17 min Scan# 2919
Delta R.T. -0.01 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:112 Resp: 3606

Ion	Ratio	Lower	Upper
112	100		
77	41.7	57.4	86.0#
114	9.2	28.4	34.8#

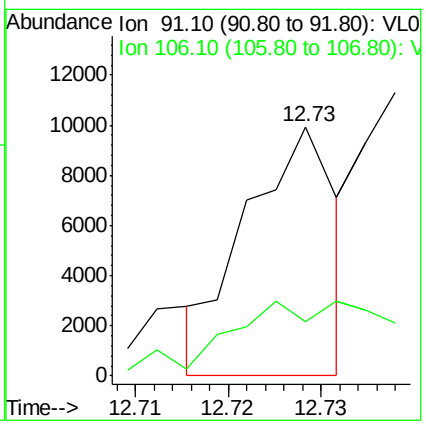


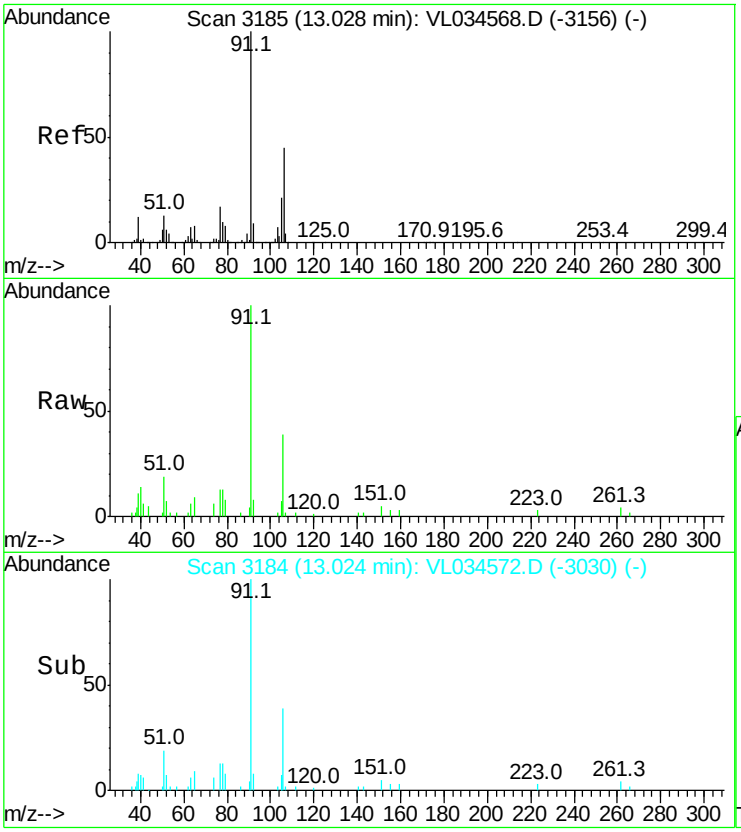


#58
Ethyl Benzene
Concen: 0.022 ppbv
RT: 12.73 min Scan# 3092
Delta R.T. -0.01 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Tgt Ion: 91 Resp: 6665

Ion	Ratio	Lower	Upper
91	100		
106	27.7	24.6	36.8



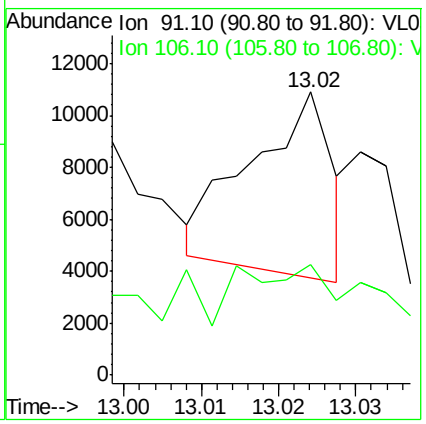


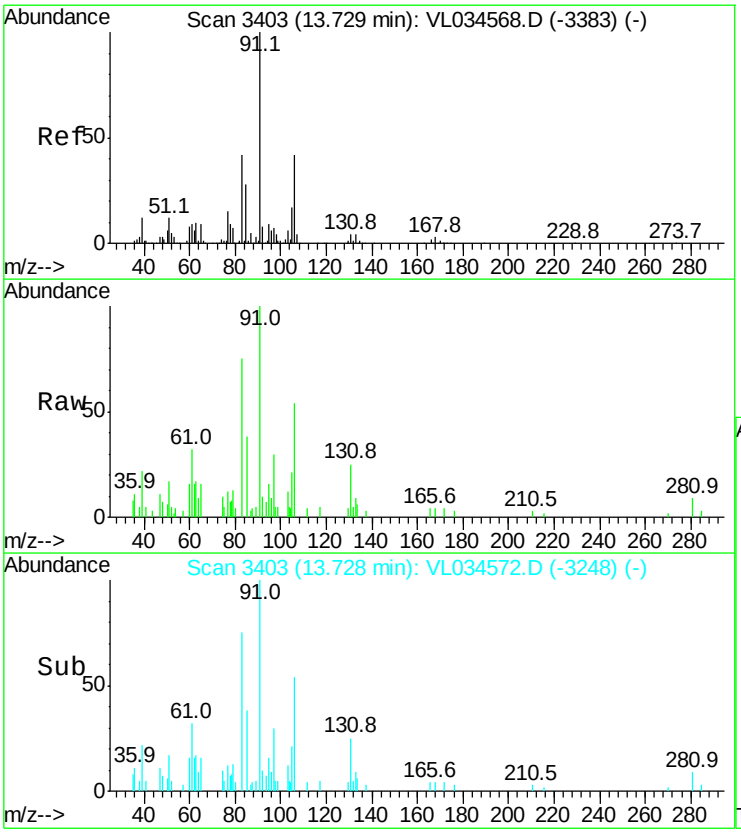
#59
m/p-Xylene
Concen: 0.019 ppbv
RT: 13.02 min Scan# 3184
Delta R.T. -0.00 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 91 Resp: 5115

Ion	Ratio	Lower	Upper
91	100		
106	256.2	35.6	53.4#

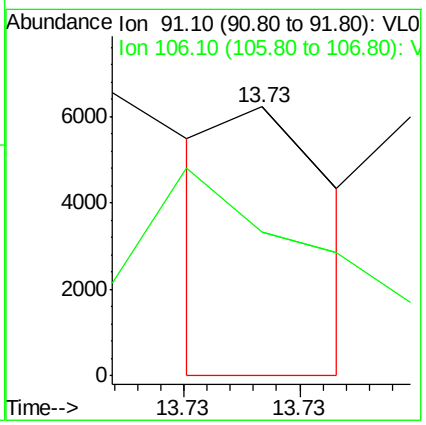


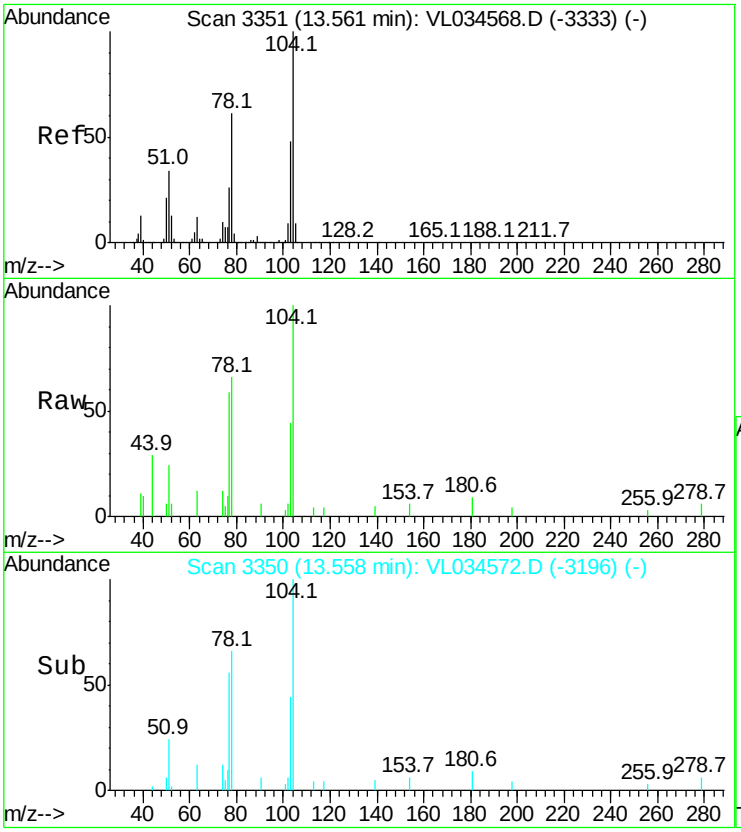


#60
o-Xylene
Concen: 0.008 ppbv
RT: 13.73 min Scan# 3403
Delta R.T. -0.00 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Tgt Ion: 91 Resp: 2033

Ion	Ratio	Lower	Upper
91	100		
106	402.0	21.4	64.3#



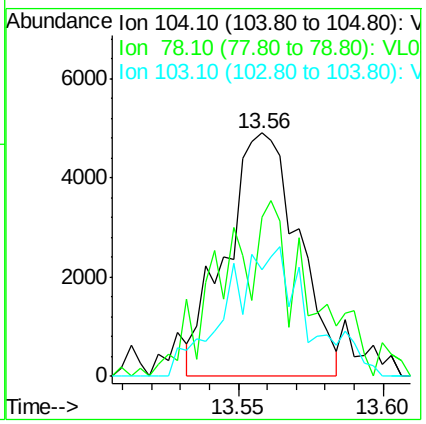


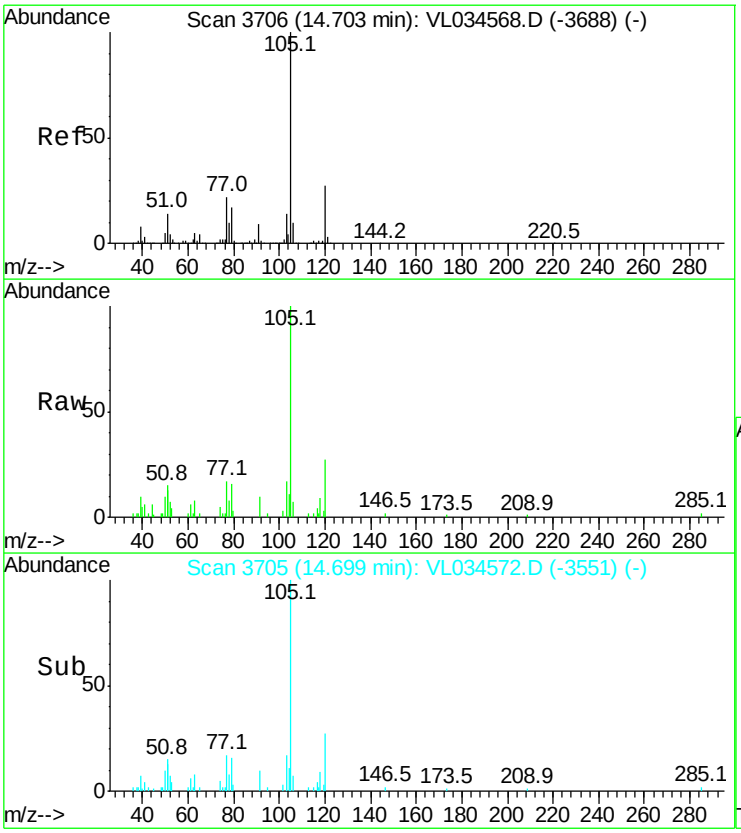
#61
Styrene
Concen: 0.047 ppbv
RT: 13.56 min Scan# 3350
Delta R.T. -0.00 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:104 Resp: 8507

Ion	Ratio	Lower	Upper
104	100		
78	89.6	47.7	71.5#
103	60.0	38.6	58.0#

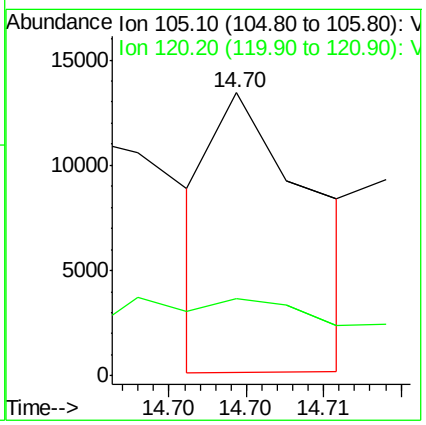


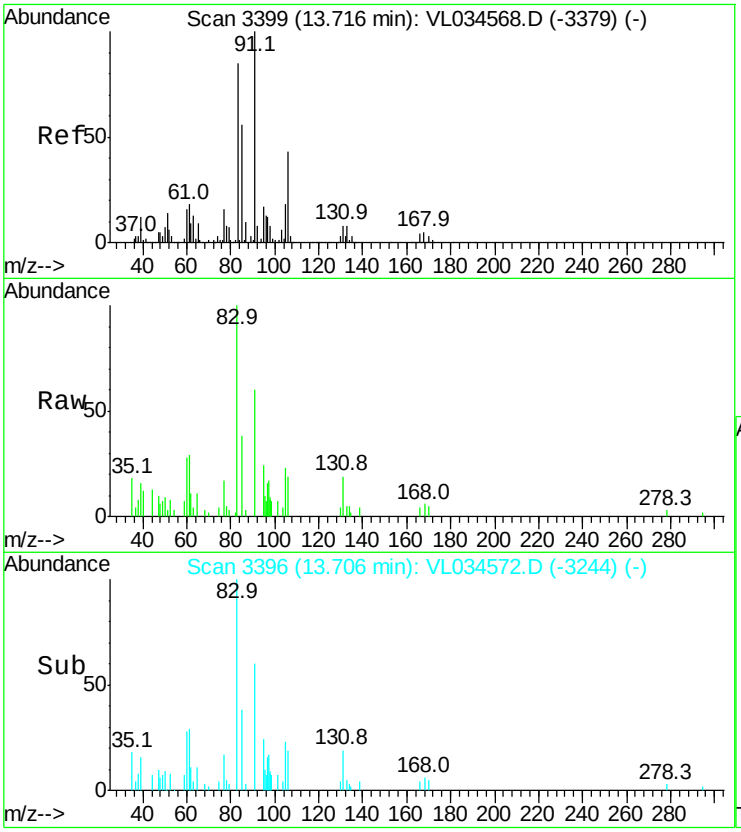


#62
Isopropylbenzene
Concen: 0.017 ppbv
RT: 14.70 min Scan# 3705
Delta R.T. -0.00 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Tgt Ion:105 Resp: 5892

Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.6	30.8#



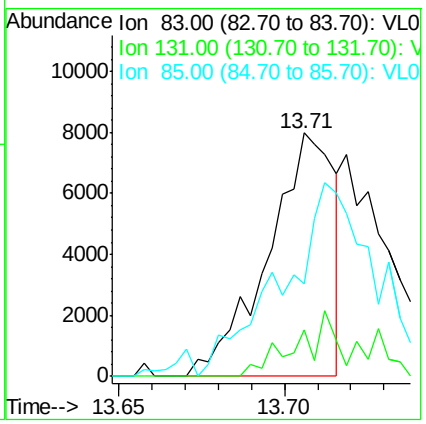


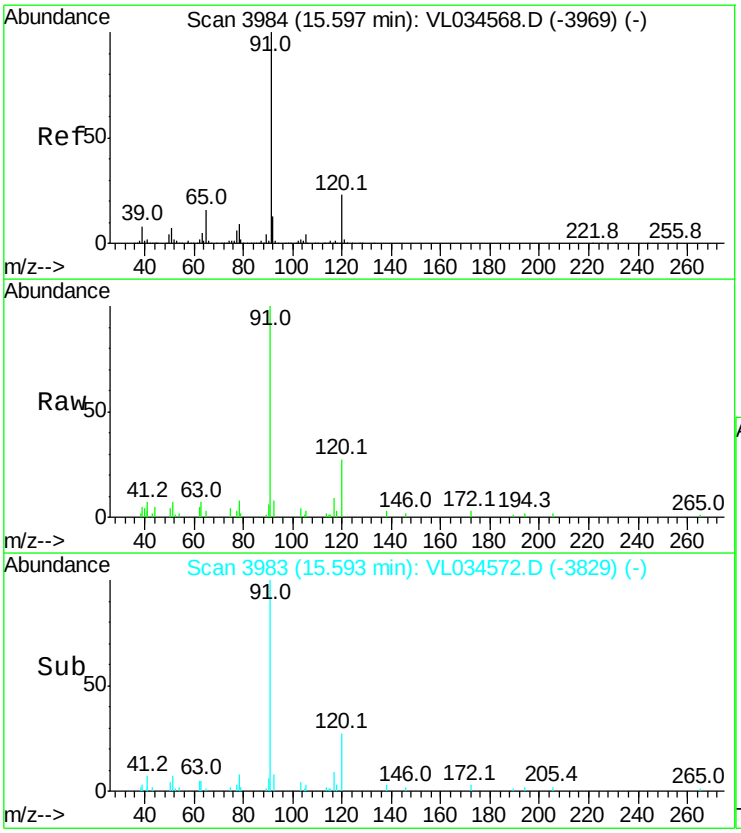
#63
1,1,2,2-Tetrachloroethane
Concen: 0.052 ppbv
RT: 13.71 min Scan# 3396
Delta R.T. -0.01 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 83 Resp: 11099

Ion	Ratio	Lower	Upper
83	100		
131	25.9	4.8	14.4#
85	120.9	32.5	97.4#

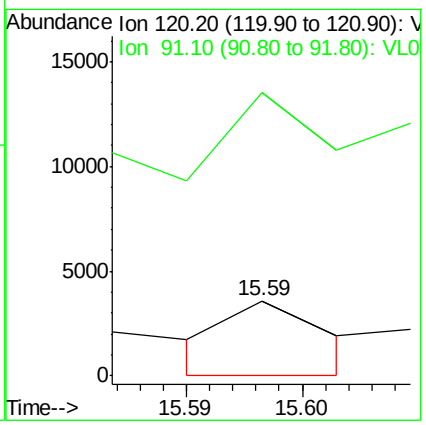


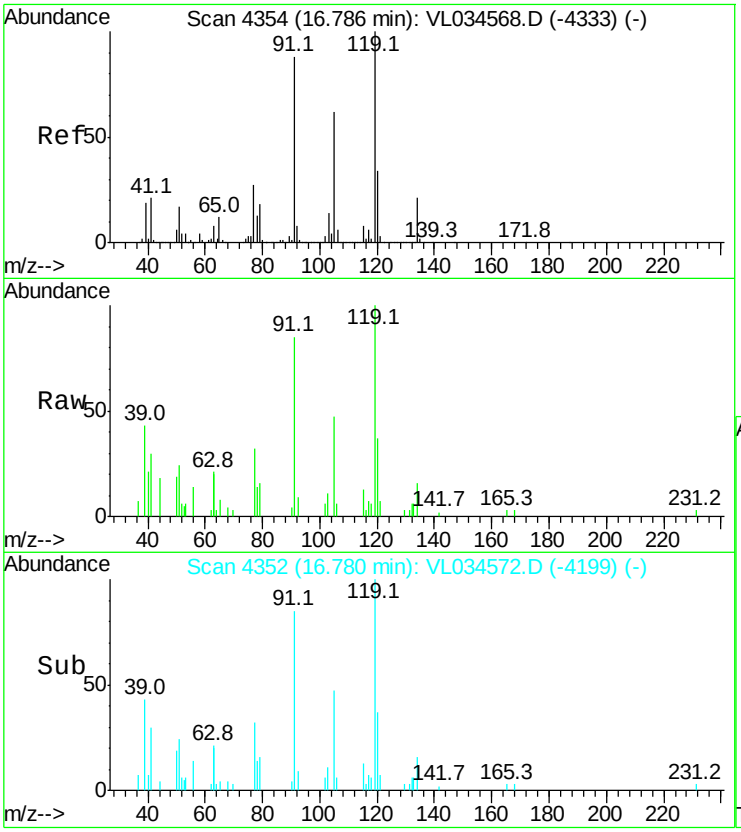


#64
n-propylbenzene
Concen: 0.012 ppbv
RT: 15.59 min Scan# 3983
Delta R.T. -0.00 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Tgt Ion:120 Resp: 1067

Ion	Ratio	Lower	Upper
120	100		
91	0.0	375.6	563.4#



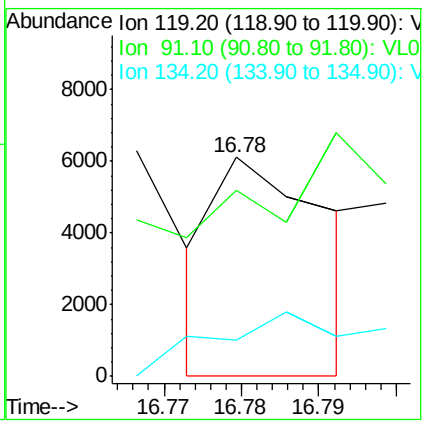


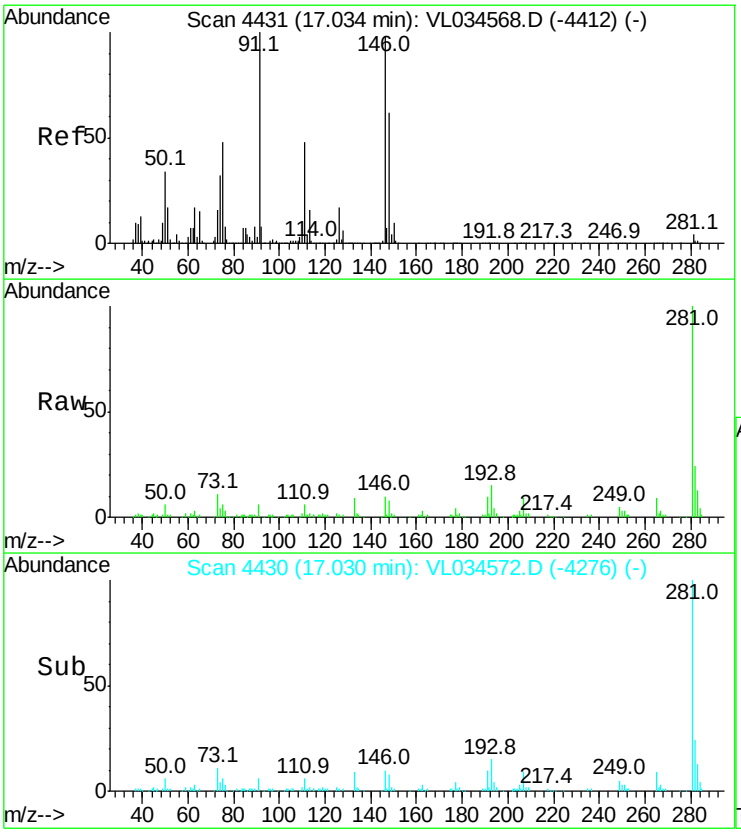
#65
tert-Butylbenzene
Concen: 0.010 ppbv
RT: 16.78 min Scan# 4352
Delta R.T. -0.01 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:119 Resp: 3035

Ion	Ratio	Lower	Upper
119	100		
91	0.0	72.0	108.0#
134	0.0	16.1	24.1#

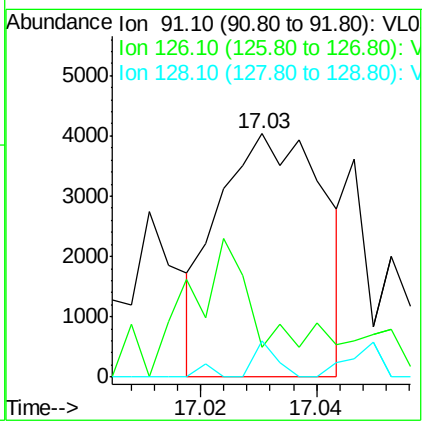


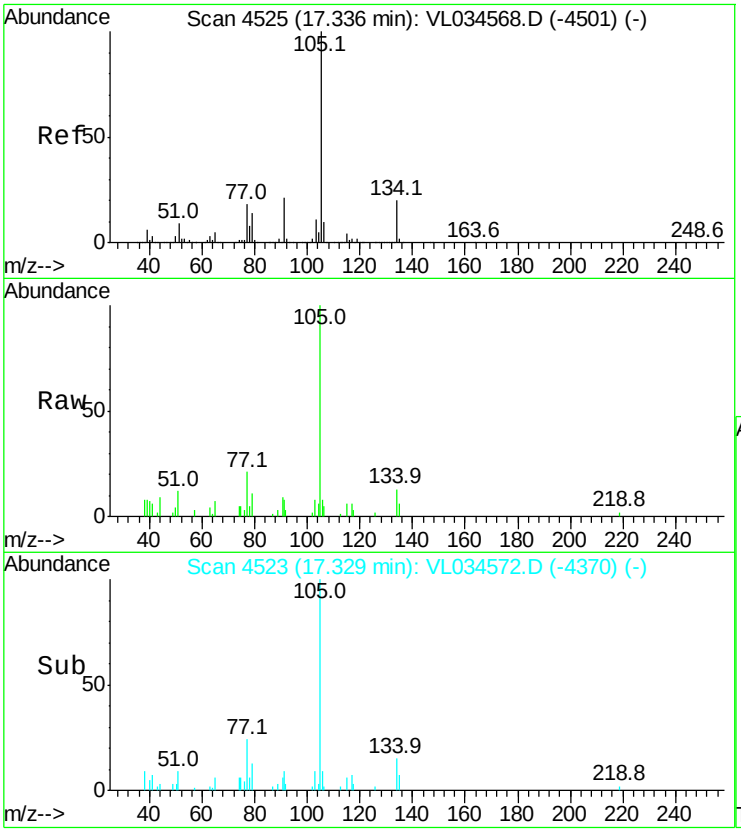


#66
Benzyl Chloride
Concen: 0.037 ppbv
RT: 17.03 min Scan# 4430
Delta R.T. -0.00 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Tgt Ion: 91 Resp: 5096

Ion	Ratio	Lower	Upper
91	100		
126	54.4	13.1	19.7#
128	9.0	4.2	6.4#



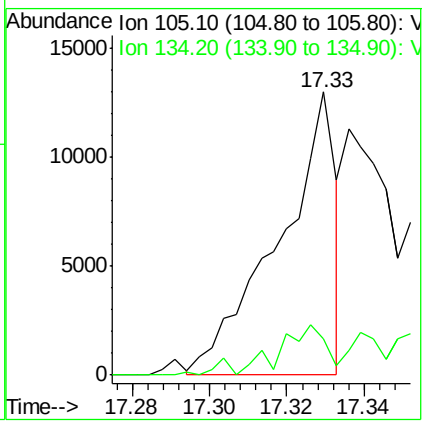


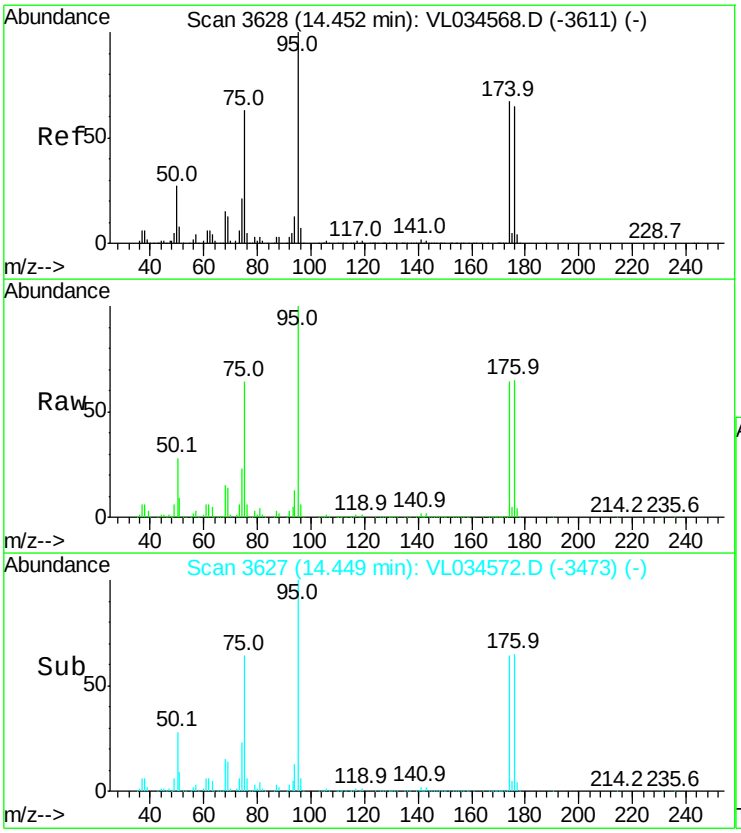
#67
sec-Butylbenzene
Concen: 0.030 ppbv
RT: 17.33 min Scan# 4523
Delta R.T. -0.01 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:105 Resp: 13257

Ion	Ratio	Lower	Upper
105	100		
134	15.9	15.1	22.7

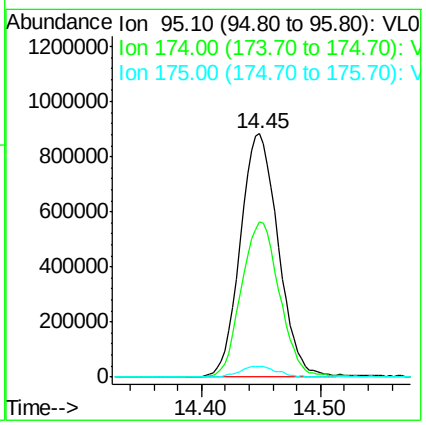


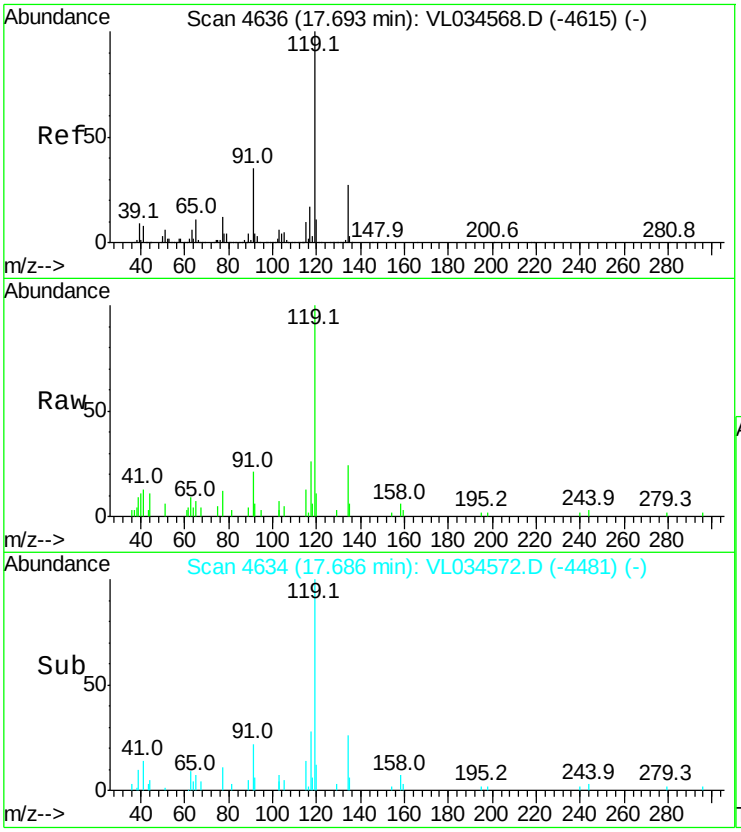


#68
1-Bromo-4-Fluorobenzene
Concen: 10.384 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. -0.00 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Tgt Ion: 95 Resp: 1948897

Ion	Ratio	Lower	Upper
95	100		
174	64.9	52.4	78.6
175	4.5	3.9	5.9



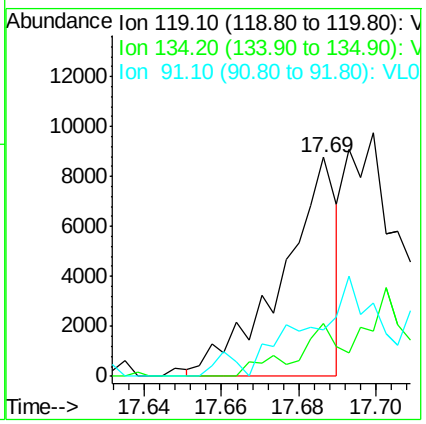


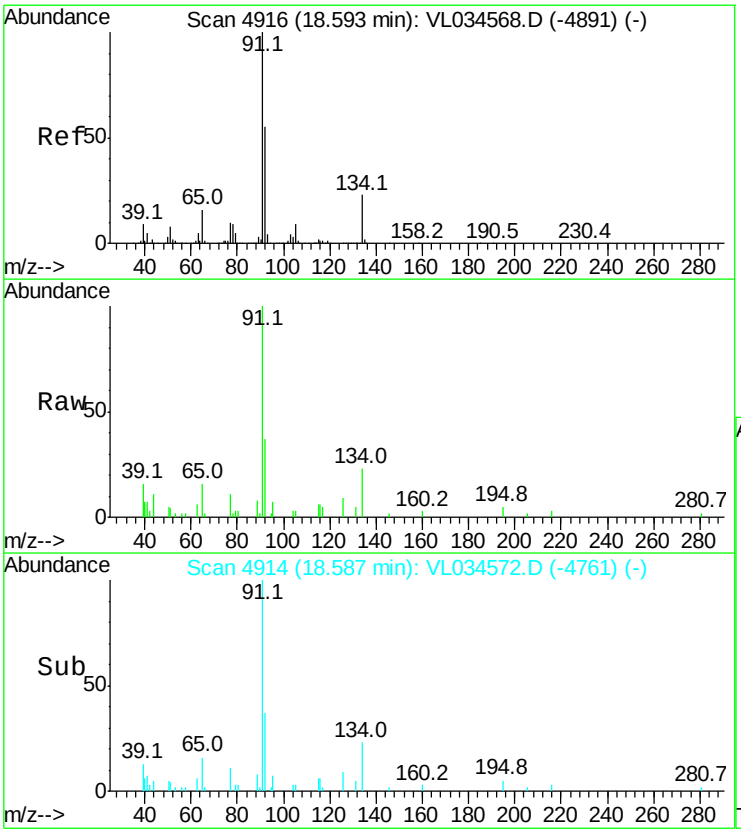
#69
p-Isopropyltoluene
Concen: 0.024 ppbv
RT: 17.69 min Scan# 4634
Delta R.T. -0.01 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:119 Resp: 8597

Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.7	31.1#
91	93.4	26.6	39.8#

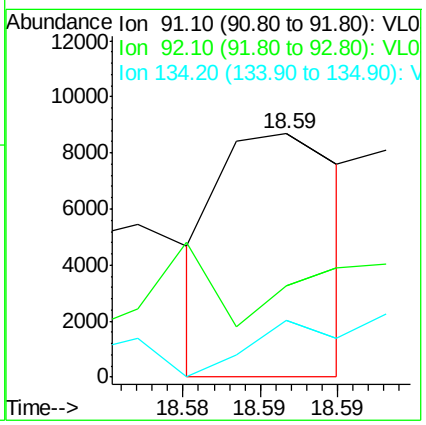


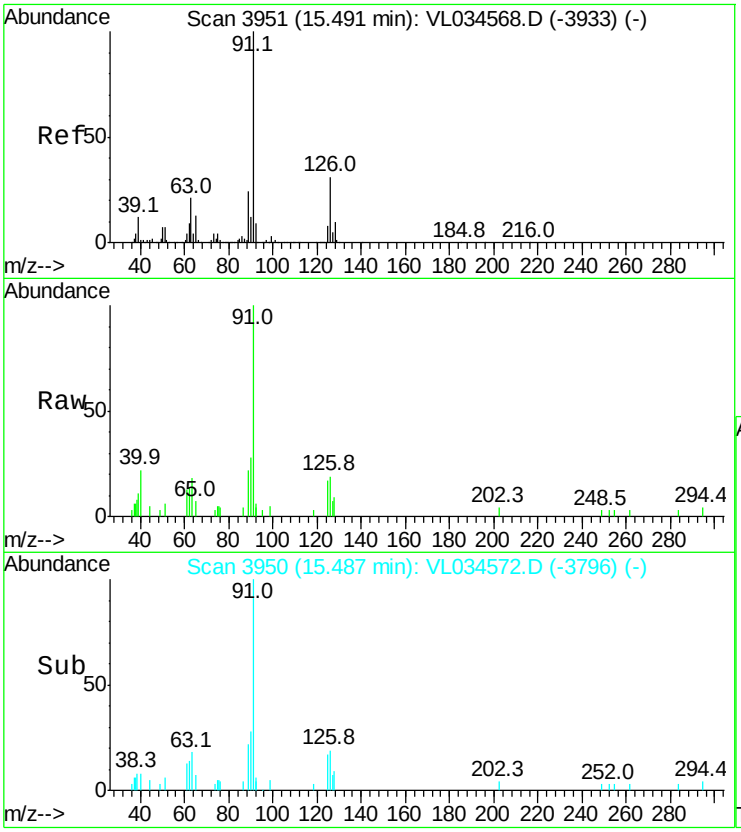


#70
n-Butylbenzene
Concen: 0.012 ppbv
RT: 18.59 min Scan# 4914
Delta R.T. -0.01 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Tgt Ion: 91 Resp: 4772

Ion	Ratio	Lower	Upper
91	100		
92	0.0	43.8	65.6#
134	85.3	18.0	27.0#



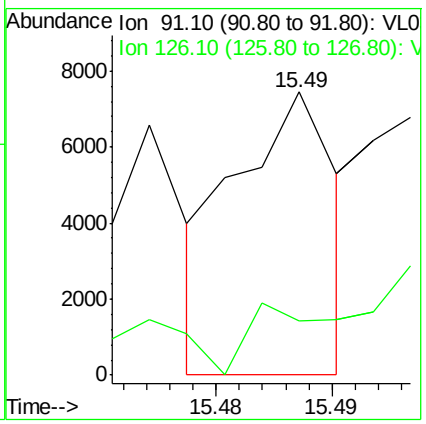


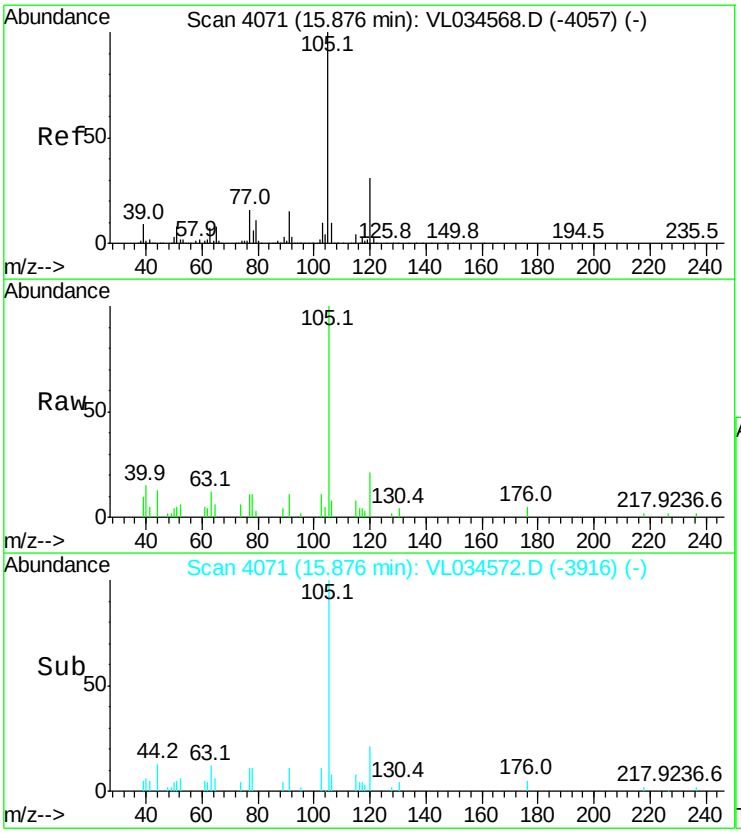
#71
2-Chlorotoluene
Concen: 0.017 ppbv
RT: 15.49 min Scan# 3950
Delta R.T. -0.00 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 91 Resp: 4508

Ion	Ratio	Lower	Upper
91	100		
126	0.0	12.0	47.8#

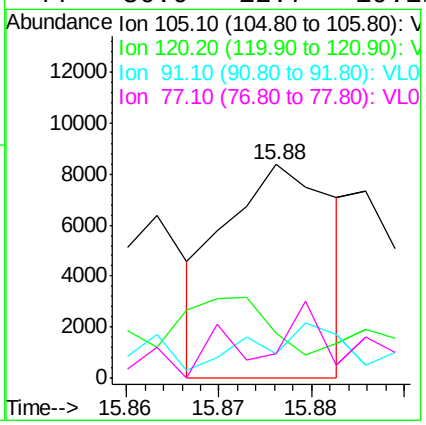


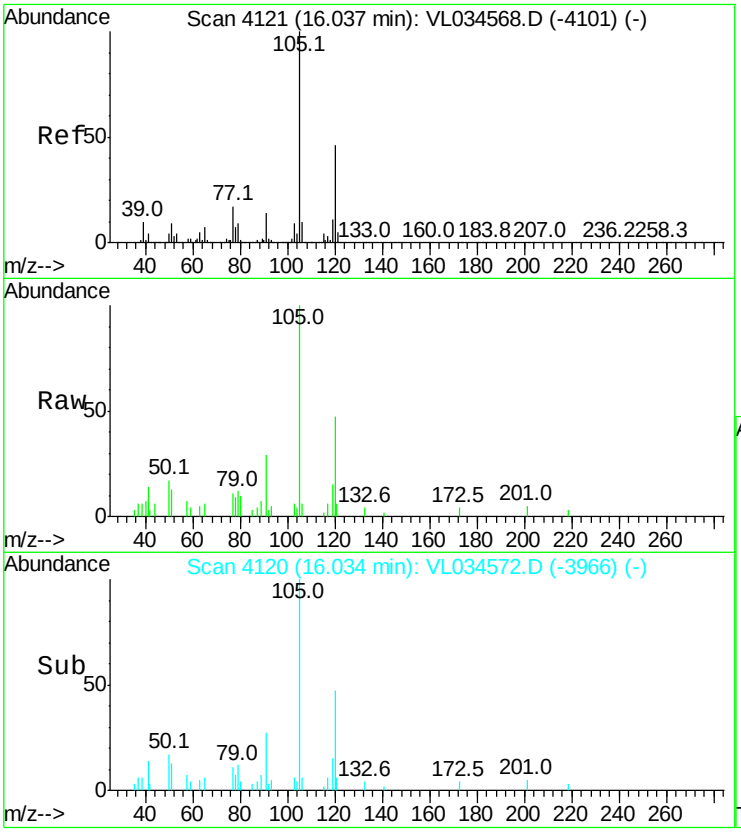


#72
4-Ethyltoluene
Concen: 0.023 ppbv
RT: 15.88 min Scan# 4071
Delta R.T. -0.00 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Tgt Ion:105 Resp: 6843

Ion	Ratio	Lower	Upper
105	100		
120	74.1	23.7	35.5#
91	42.7	11.5	17.3#
77	36.0	12.7	19.1#



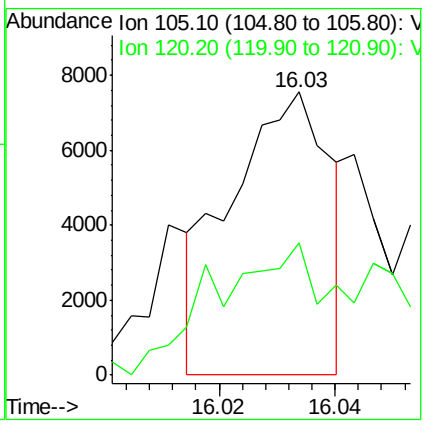


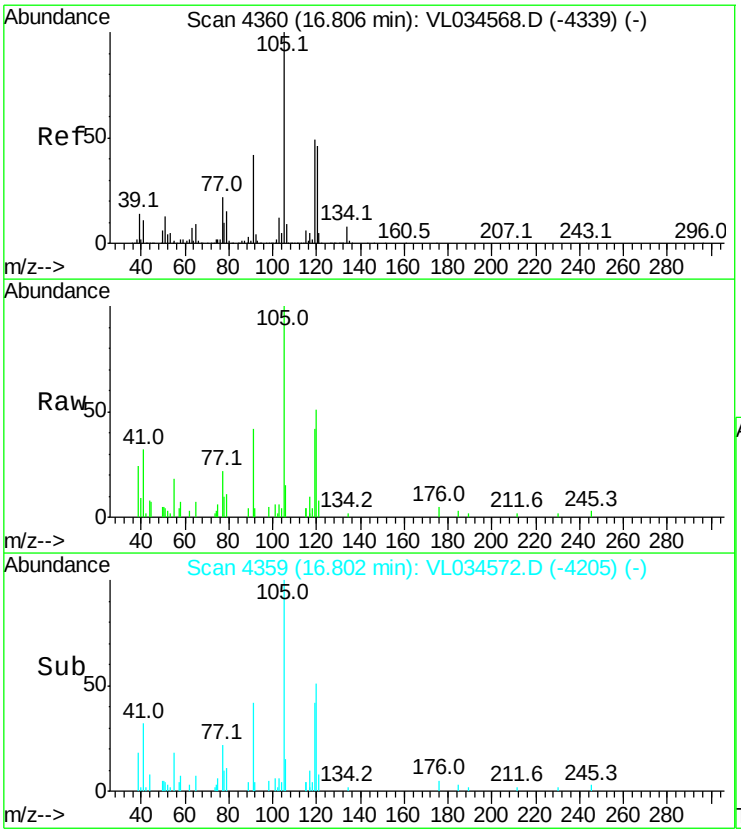
#73
1,3,5-Trimethylbenzene
Concen: 0.031 ppbv
RT: 16.03 min Scan# 4120
Delta R.T. -0.00 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:105 Resp: 8948

Ion	Ratio	Lower	Upper
105	100		
120	71.5	34.6	52.0#

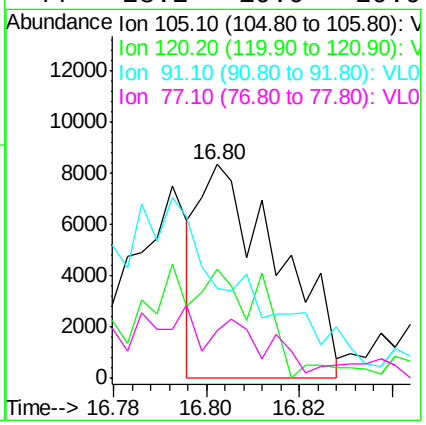


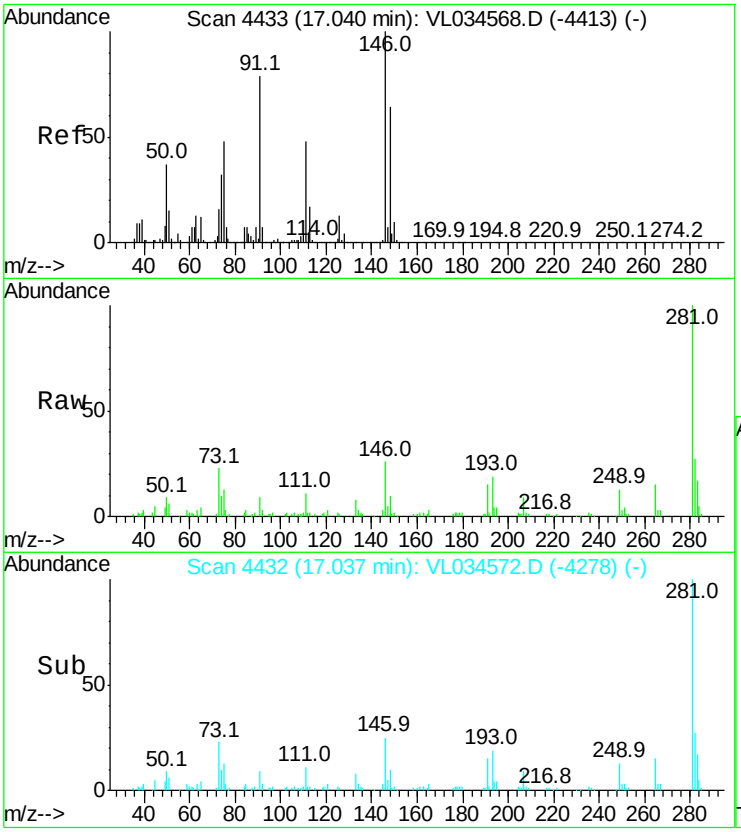


#74
1,2,4-Trimethylbenzene
Concen: 0.032 ppbv
RT: 16.80 min Scan# 4359
Delta R.T. -0.00 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Tgt Ion:105 Resp: 9916

Ion	Ratio	Lower	Upper
105	100		
120	50.6	36.7	55.1
91	23.5	44.0	66.0#
77	28.2	19.9	29.9



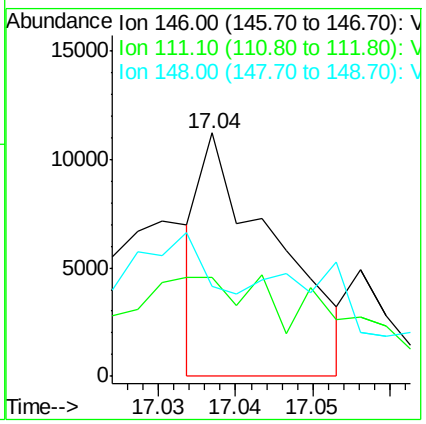


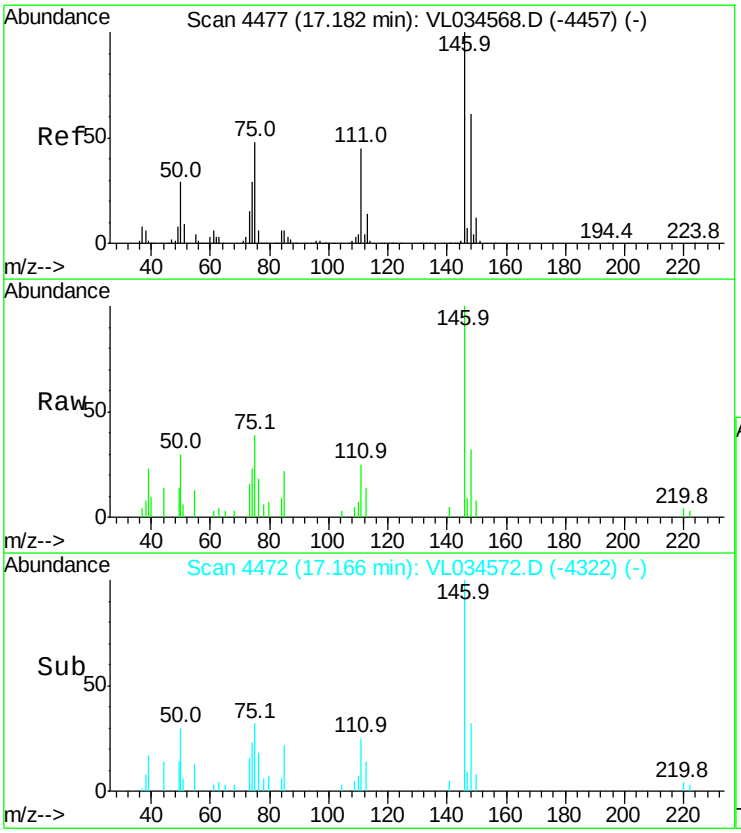
#75
1,3-Dichlorobenzene
Concen: 0.040 ppbv
RT: 17.04 min Scan# 4432
Delta R.T. -0.00 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:146 Resp: 7546

Ion	Ratio	Lower	Upper
146	100		
111	152.1	25.1	75.3#
148	199.9	33.0	99.0#

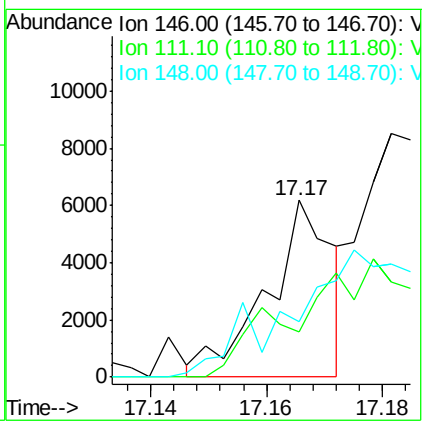


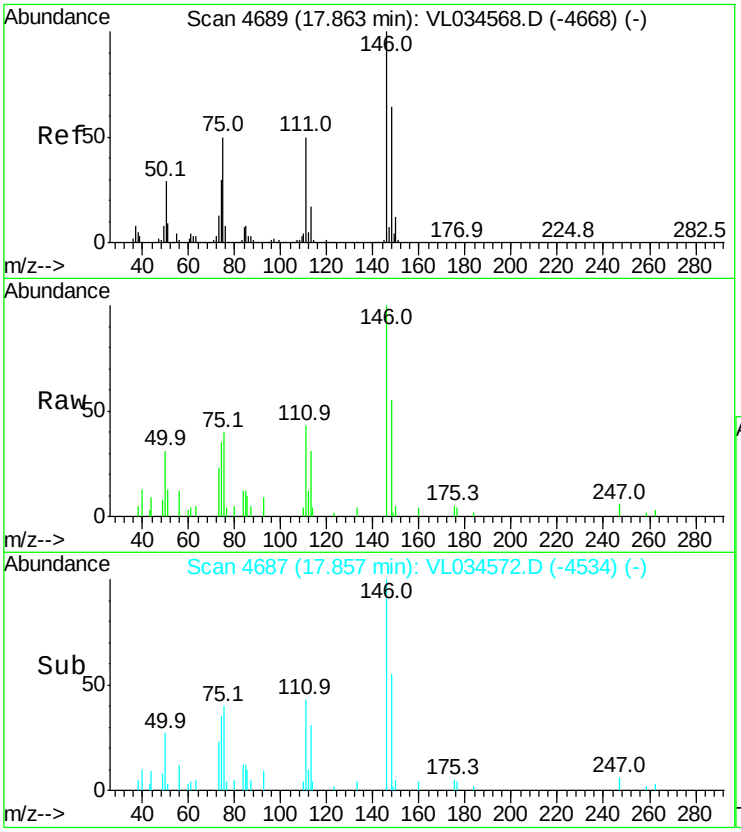


#76
1,4-Dichlorobenzene
Concen: 0.027 ppbv
RT: 17.17 min Scan# 4472
Delta R.T. -0.02 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Tgt Ion:146 Resp: 4794

Ion	Ratio	Lower	Upper
146	100		
111	0.0	23.5	70.6#
148	205.3	32.1	96.3#



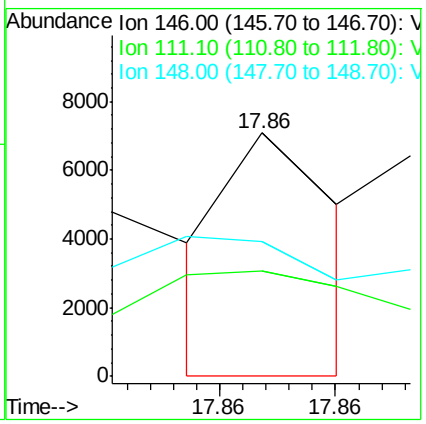


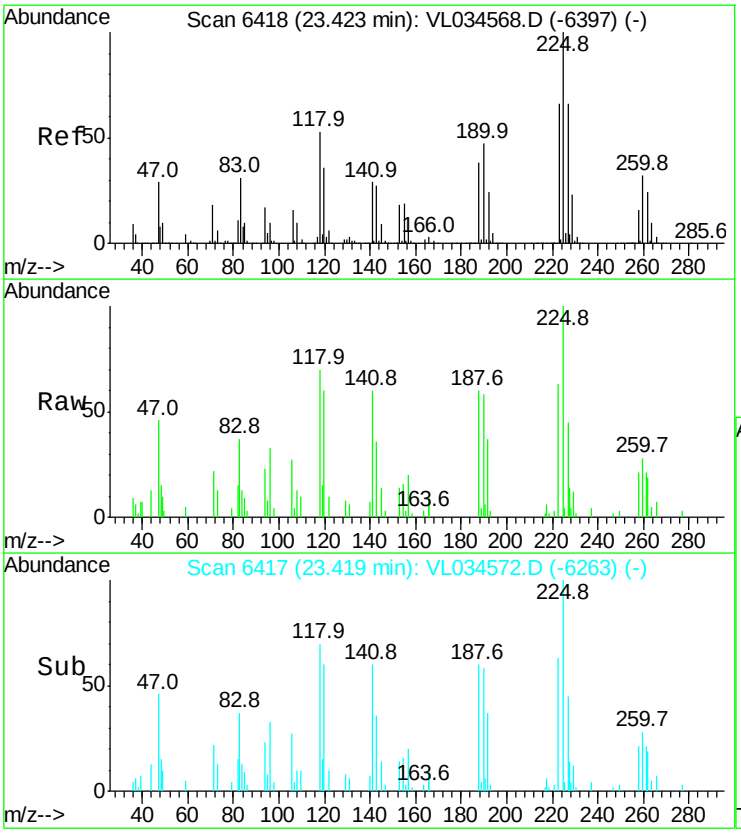
#77
1,2-Dichlorobenzene
Concen: 0.013 ppbv
RT: 17.86 min Scan# 4687
Delta R.T. -0.01 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:146 Resp: 2334

Ion	Ratio	Lower	Upper
146	100		
111	0.0	25.3	75.8#
148	0.0	32.1	96.3#

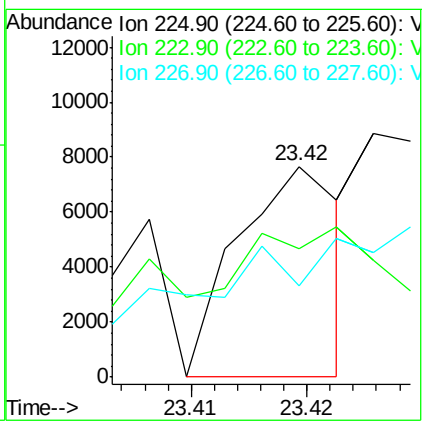


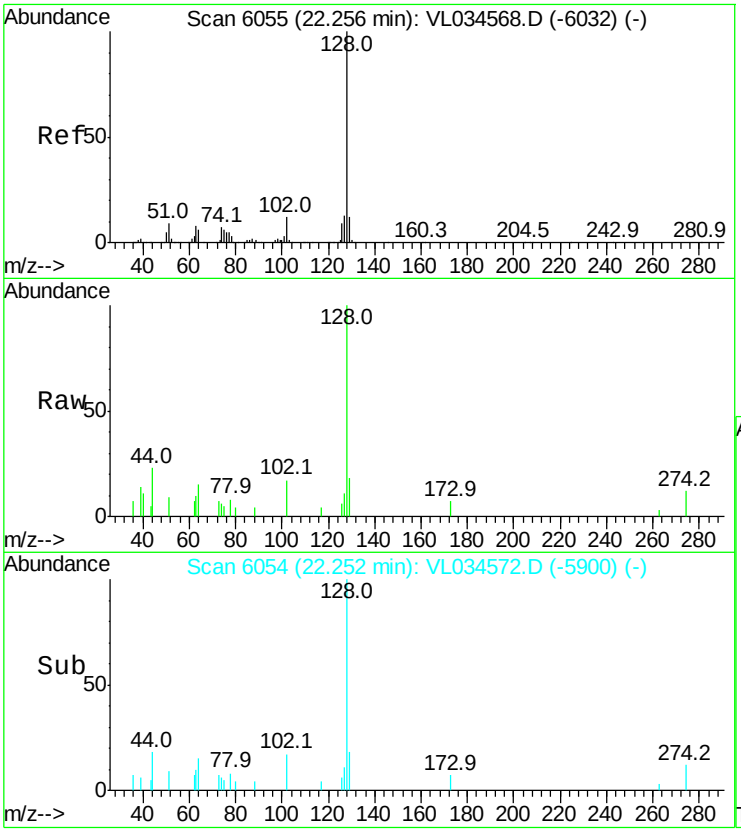


#78
Hexachloro-1,3-Butadiene
Concen: 0.029 ppbv
RT: 23.42 min Scan# 6417
Delta R.T. -0.00 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Tgt Ion:225 Resp: 4766

Ion	Ratio	Lower	Upper
225	100		
223	0.0	51.0	76.6#
227	0.0	51.8	77.6#



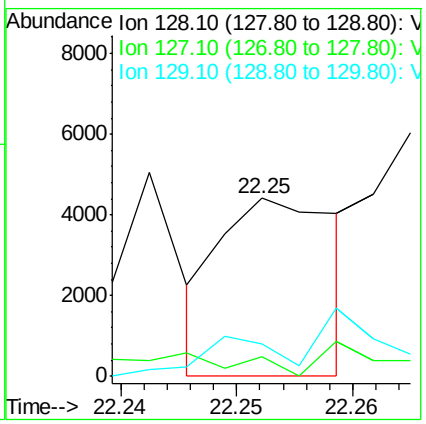


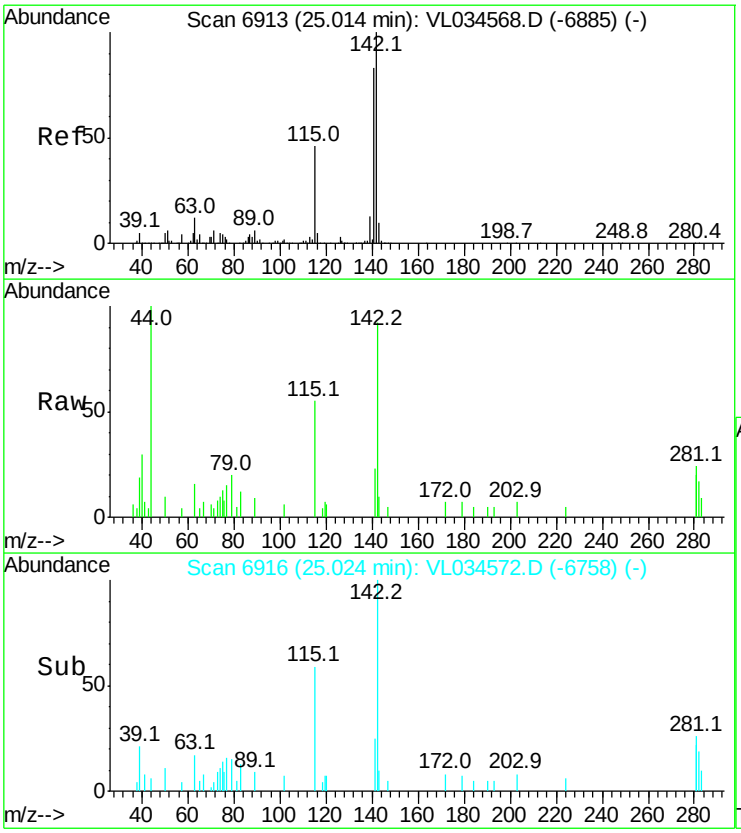
#79
Naphthalene
Concen: 0.013 ppbv
RT: 22.25 min Scan# 6054
Delta R.T. -0.00 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:128 Resp: 3092

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	15.8#
129	29.9	8.7	13.1#

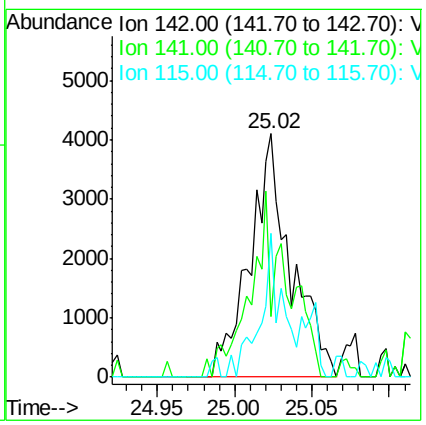


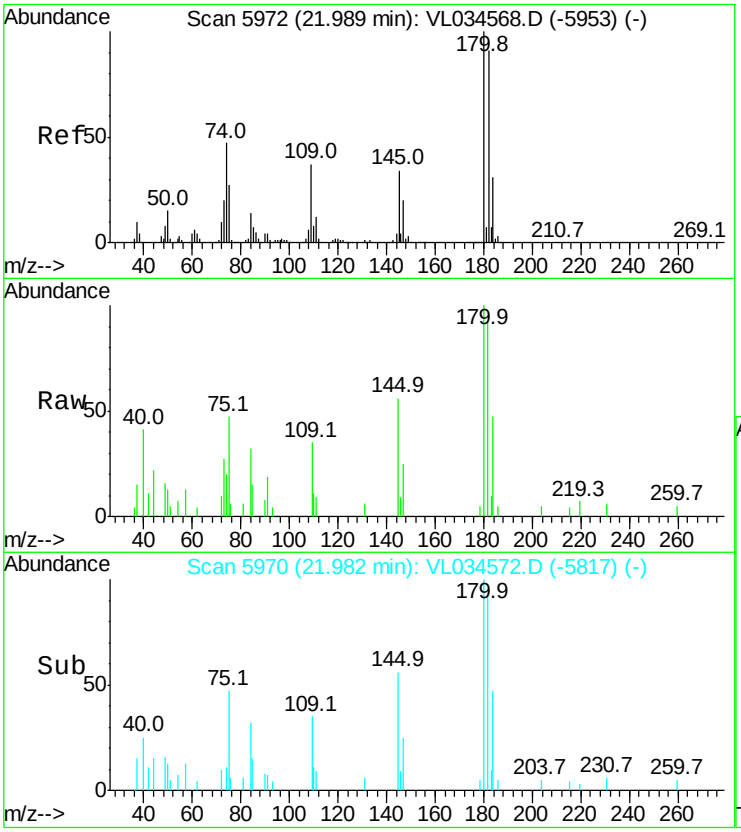


#80
Naphthalene,2-methyl-
Concen: 0.116 ppbv
RT: 25.02 min Scan# 6916
Delta R.T. 0.01 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Tgt Ion:142 Resp: 7597

Ion	Ratio	Lower	Upper
142	100		
141	68.3	65.8	98.8
115	48.5	30.4	45.6#





#81
1,2,4-Trichlorobenzene
Concen: 0.016 ppbv
RT: 21.98 min Scan# 5970
Delta R.T. -0.01 min
Lab File: VL034572.D
Acq: 30 Jan 2020 14:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:180 Resp: 2492

Ion	Ratio	Lower	Upper
180	100		
182	0.0	77.8	116.8#
184	0.0	25.2	37.8#