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

Quantitation Report (Not Reviewed)

Data File : VL034573.D
Acq On : 30 Jan 2020 15:16
Operator : SY/AP
Sample : VSTDICC0.03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Quant Time: Jan 30 15:51:12 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	1101353	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.18	114	2235220	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.11	117	2242606	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.45	95	1910259	10.21	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.01	85	11306	0.065	ppbv		89
3) Chlorodifluoromethane	2.95	51	5385	0.041	ppbv		95
4) Chloromethane	3.11	50	2668	0.034	ppbv	#	58
5) Vinyl Chloride	3.21	62	429	0.006	ppbv	#	44
6) Bromomethane	3.44	94	643	0.017	ppbv	#	72
7) Chloroethane	3.52	64	294	0.011	ppbv	#	65
8) Dichlorotetrafluoroethane	3.15	85	9878	0.057	ppbv	#	81
9) Propene	2.95	41	118	0.002	ppbv		89
10) Heptane	8.13	43	1156	0.009	ppbv	#	1
11) Trichlorofluoromethane	3.92	101	7610	0.038	ppbv		91
12) 1,1,2-Trichlorotrifluoroet	4.46	101	4551	0.036	ppbv	#	53
13) Ethanol	3.58	45	292	0.021	ppbv	#	38
14) Bromoethene	3.70	108	560	0.011	ppbv	#	1
15) Acetone	3.82	43	286	0.002	ppbv	#	50
16) 1,3-Butadiene	3.29	39	1328	0.021	ppbv	#	8
17) tert-Butyl alcohol	4.27	59	183	0.001	ppbv	#	72
18) 1,1-Dichloroethene	4.26	96	1545	0.028	ppbv	#	32
19) Isopropyl Alcohol	3.96	45	1276	0.012	ppbv	#	95
20) Methylene Chloride	4.32	84	8507	0.135	ppbv	#	86
21) Allyl Chloride	4.39	41	2308	0.025	ppbv	#	4
22) trans-1,2-Dichloroethene	4.87	96	1487	0.026	ppbv	#	73
23) Vinyl Acetate	5.05	43	406	0.002	ppbv	#	1
24) 1,1-Dichloroethane	4.99	63	3585	0.024	ppbv	#	72
25) Ethyl Acetate	5.66	43	1046	0.004	ppbv	#	75
26) Hexane	5.68	57	3089	0.029	ppbv	#	54
27) Carbon Disulfide	4.53	76	5493	0.041	ppbv	#	26
28) Methyl tert-Butyl Ether	5.02	73	510	0.003	ppbv	#	53
29) Chloroform	5.67	83	64	0.000	ppbv		90
30) Cyclohexane	7.13	84	592	0.008	ppbv	#	1
31) cis-1,2-Dichloroethene	5.54	61	2232	0.021	ppbv	#	77
32) 1,1,1-Trichloroethane	6.51	97	6310	0.033	ppbv	#	76
34) 2-Butanone	5.23	43	401	0.003	ppbv	#	55
35) Carbon Tetrachloride	7.02	117	7361	0.036	ppbv	#	81
36) Benzene	6.90	78	2218	0.011	ppbv	#	25
37) 1,2-Dichloroethane	6.31	62	3311	0.021	ppbv	#	86
38) Trichloroethene	7.84	130	2124	0.027	ppbv	#	36
39) 1,2-Dichloropropane	7.18	63	658487	8.219	ppbv	#	22
40) 1,4-Dioxane	7.90	88	204	0.006	ppbv	#	1
41) Tetrahydrofuran	6.03	42	102	0.001	ppbv	#	38
42) Bromodichloromethane	7.79	83	4402	0.023	ppbv	#	84
43) Methyl Methacrylate	8.03	69	1273	0.016	ppbv	#	1

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

Quantitation Report (Not Reviewed)

Data File : VL034573.D
Acq On : 30 Jan 2020 15:16
Operator : SY/AP
Sample : VSTDICC0.03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Quant Time: Jan 30 15:51:12 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	3613	0.010	ppbv	#	1
45) t-1,3-Dichloropropene	9.29	75	850	0.008	ppbv	#	78
46) cis-1,3-Dichloropropene	8.72	75	1570	0.013	ppbv	#	33
47) 1,1,2-Trichloroethane	9.49	97	899	0.010	ppbv	#	1
48) Dibromochloromethane	10.32	129	686	0.004	ppbv	#	10
49) Bromoform	13.07	173	1675	0.012	ppbv	#	5
50) 4-Methyl-2-Pentanone	8.74	43	170	0.001	ppbv	#	40
51) 2-Hexanone	10.15	43	296	0.002	ppbv	#	30
52) Tetrachloroethene	11.24	164	1009	0.013	ppbv	#	21
53) Toluene	9.82	91	1330	0.006	ppbv	#	20
54) 1,2-Dibromoethane	10.63	107	2159	0.017	ppbv	#	2
56) 1,1,1,2-Tetrachloroethane	12.16	131	964	0.009	ppbv	#	1
57) Chlorobenzene	12.17	112	4334	0.023	ppbv	#	46
58) Ethyl Benzene	12.73	91	1306	0.004	ppbv	#	82
59) m/p-Xylene	13.02	91	1321	0.005	ppbv	#	32
60) o-Xylene	13.62	91	202	0.001	ppbv		73
61) Styrene	13.55	104	994	0.005	ppbv	#	1
62) Isopropylbenzene	14.71	105	3812	0.011	ppbv	#	49
63) 1,1,2,2-Tetrachloroethane	13.71	83	2004	0.009	ppbv	#	1
64) n-propylbenzene	15.59	120	813	0.009	ppbv	#	1
65) tert-Butylbenzene	16.79	119	1643	0.005	ppbv	#	5
66) Benzyl Chloride	17.03	91	734	0.005	ppbv	#	67
67) sec-Butylbenzene	17.34	105	3463	0.008	ppbv		96
69) p-Isopropyltoluene	17.69	119	2015	0.006	ppbv	#	45
70) n-Butylbenzene	18.59	91	1758	0.005	ppbv	#	37
71) 2-Chlorotoluene	15.48	91	1348	0.005	ppbv	#	45
72) 4-Ethyltoluene	15.87	105	2144	0.007	ppbv	#	41
73) 1,3,5-Trimethylbenzene	16.04	105	2450	0.008	ppbv	#	33
74) 1,2,4-Trimethylbenzene	16.80	105	1397	0.004	ppbv	#	62
75) 1,3-Dichlorobenzene	17.04	146	4154	0.022	ppbv	#	1
76) 1,4-Dichlorobenzene	17.18	146	2042	0.011	ppbv	#	23
77) 1,2-Dichlorobenzene	17.85	146	1392	0.008	ppbv	#	33
78) Hexachloro-1,3-Butadiene	23.42	225	1924	0.012	ppbv	#	18
79) Naphthalene	22.25	128	578	0.002	ppbv	#	69
80) Naphthalene,2-methyl-	25.02	142	96	0.001	ppbv	#	1
81) 1,2,4-Trichlorobenzene	21.98	180	959	0.006	ppbv	#	11

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

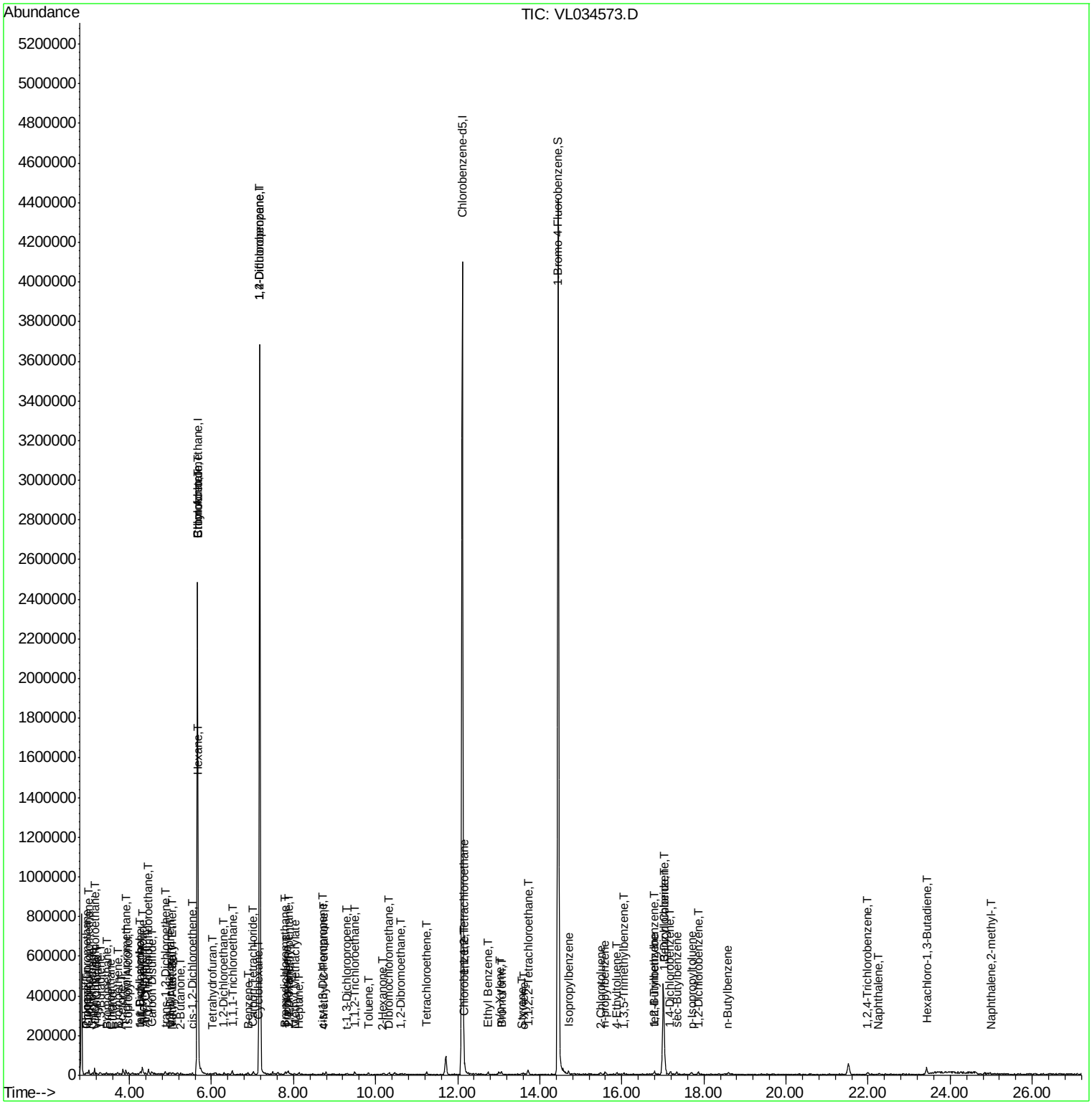
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL013020\

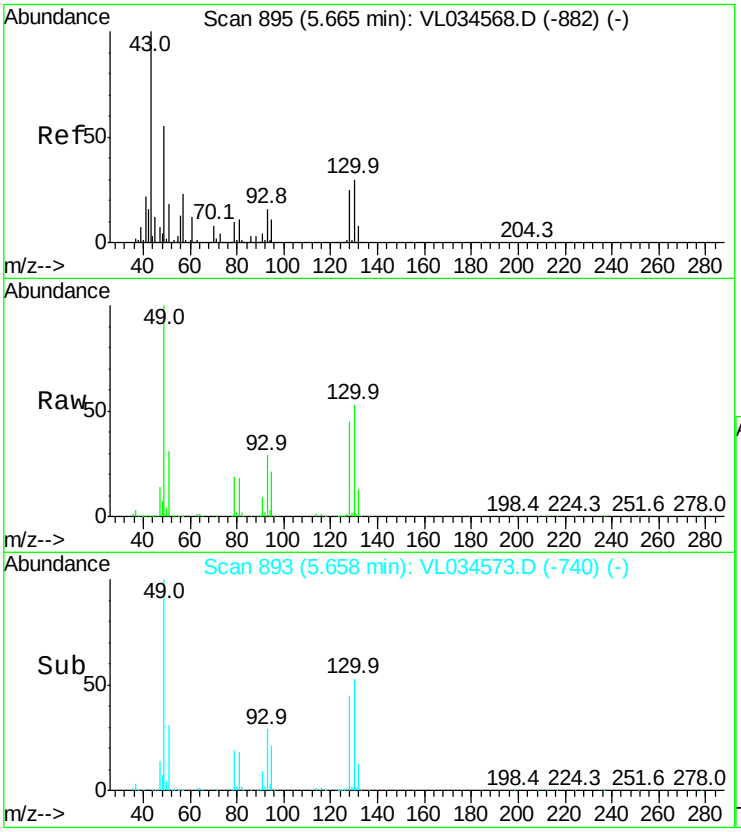
Quantitation Report (Not Reviewed)

Data File : VL034573.D
Acq On : 30 Jan 2020 15:16
Operator : SY/AP
Sample : VSTDICC0.03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Quant Time: Jan 30 15:51:12 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



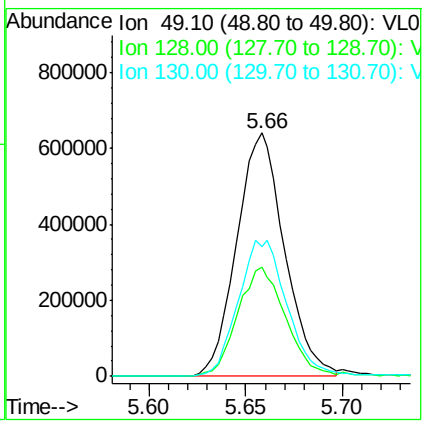


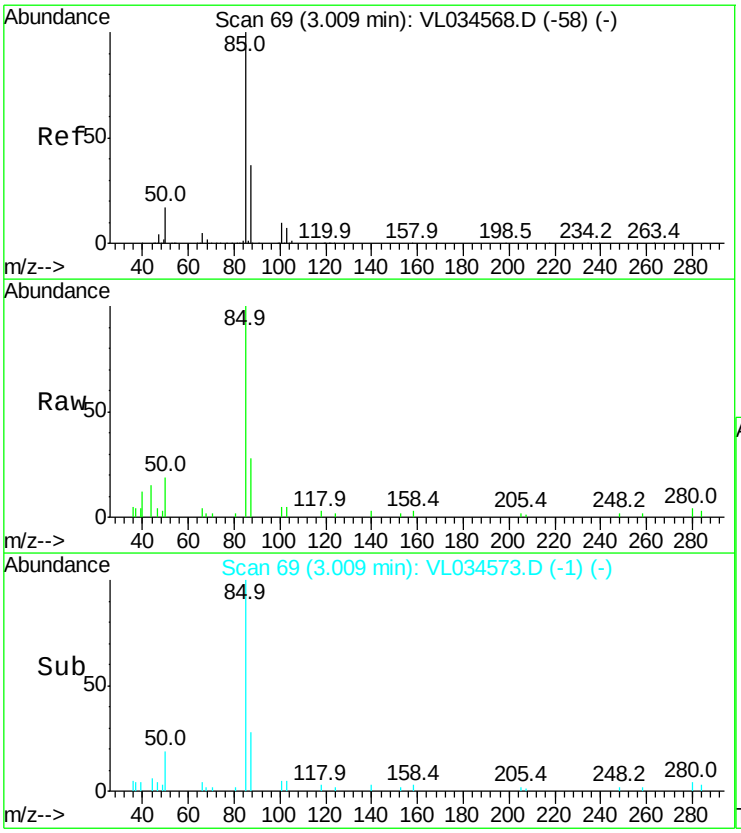
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.01 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 49 Resp: 1101353

Ion	Ratio	Lower	Upper
49	100		
128	46.0	22.4	67.2
130	58.3	28.3	85.0

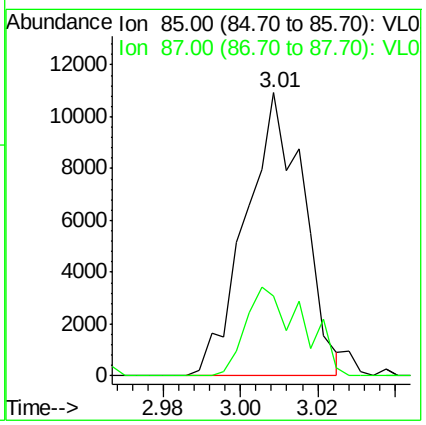


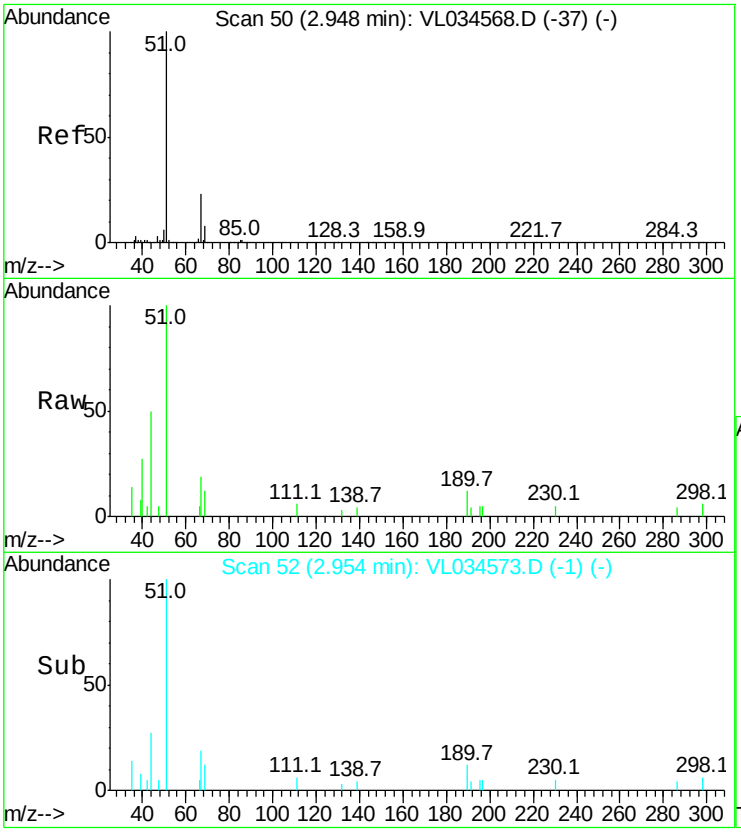


#2
Dichlorodifluoromethane
Concen: 0.065 ppbv
RT: 3.01 min Scan# 69
Delta R.T. -0.00 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Tgt Ion: 85 Resp: 11306

Ion	Ratio	Lower	Upper
85	100		
87	28.7	27.9	41.9



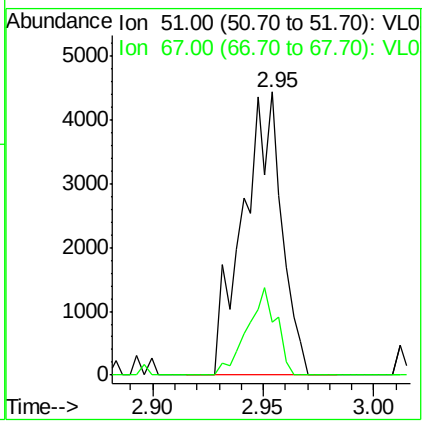


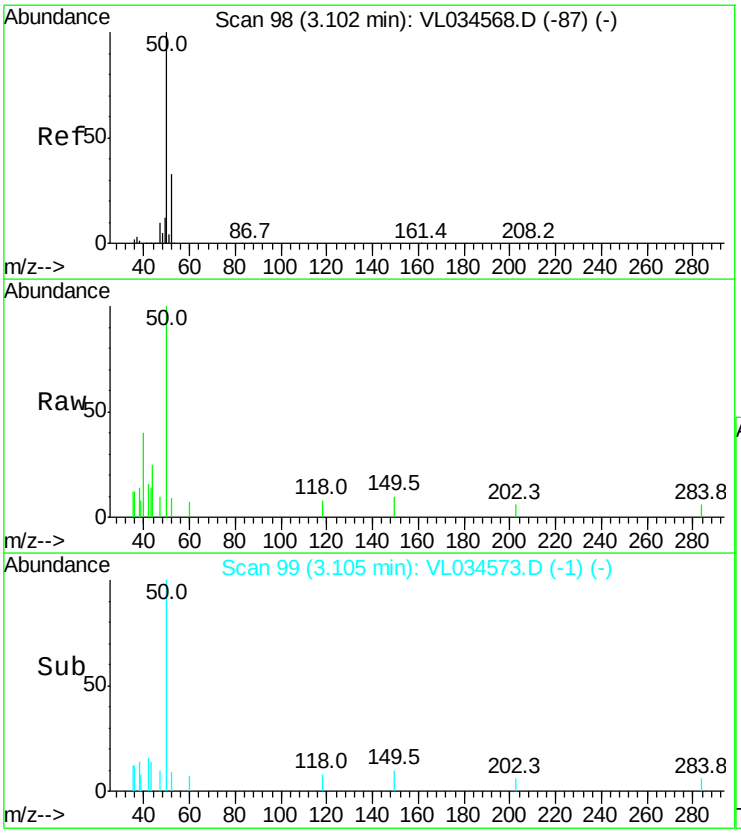
#3
Chlorodifluoromethane
Concen: 0.041 ppbv
RT: 2.95 min Scan# 52
Delta R.T. 0.01 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 51 Resp: 5385

Ion	Ratio	Lower	Upper
51	100		
67	23.5	16.8	25.2

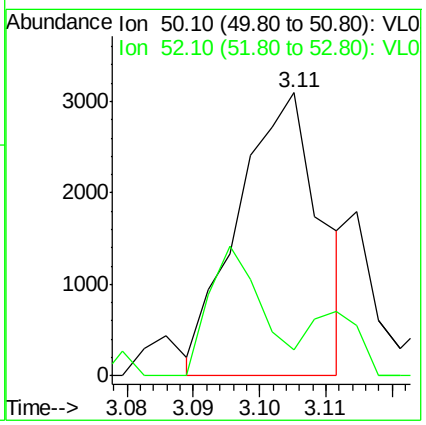


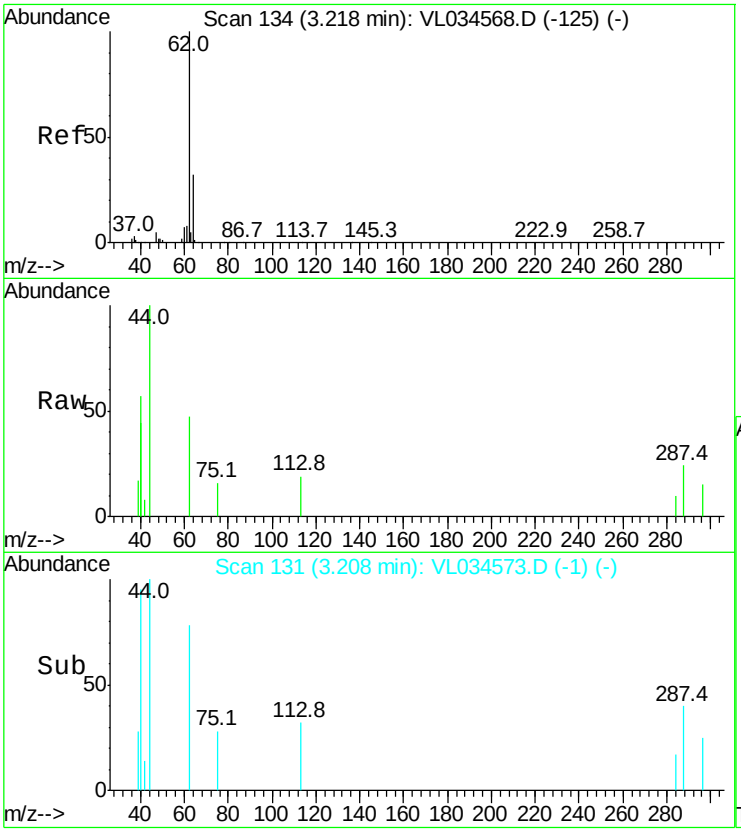


#4
Chloromethane
Concen: 0.034 ppbv
RT: 3.11 min Scan# 99
Delta R.T. 0.00 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Tgt Ion: 50 Resp: 2668

Ion	Ratio	Lower	Upper
50	100		
52	10.1	27.6	41.4#



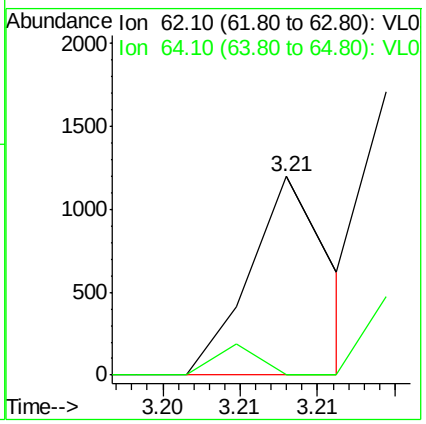


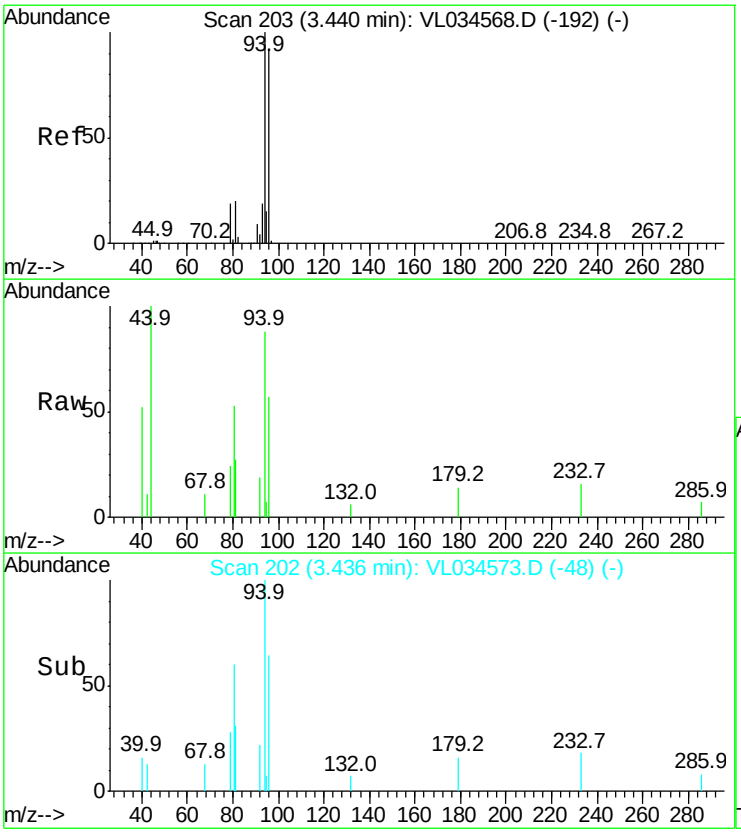
#5
Vinyl Chloride
Concen: 0.006 ppbv
RT: 3.21 min Scan# 131
Delta R.T. -0.01 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Tgt Ion: 62 Resp: 429

Ion	Ratio	Lower	Upper
62	100		
64	0.0	24.9	37.3#

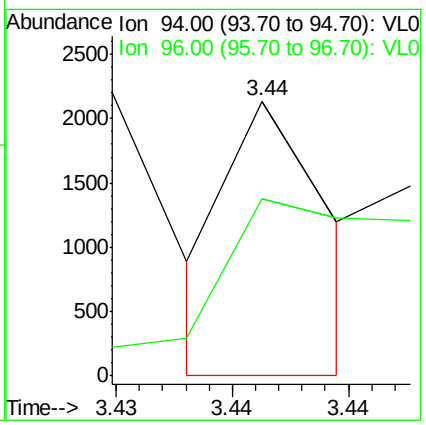


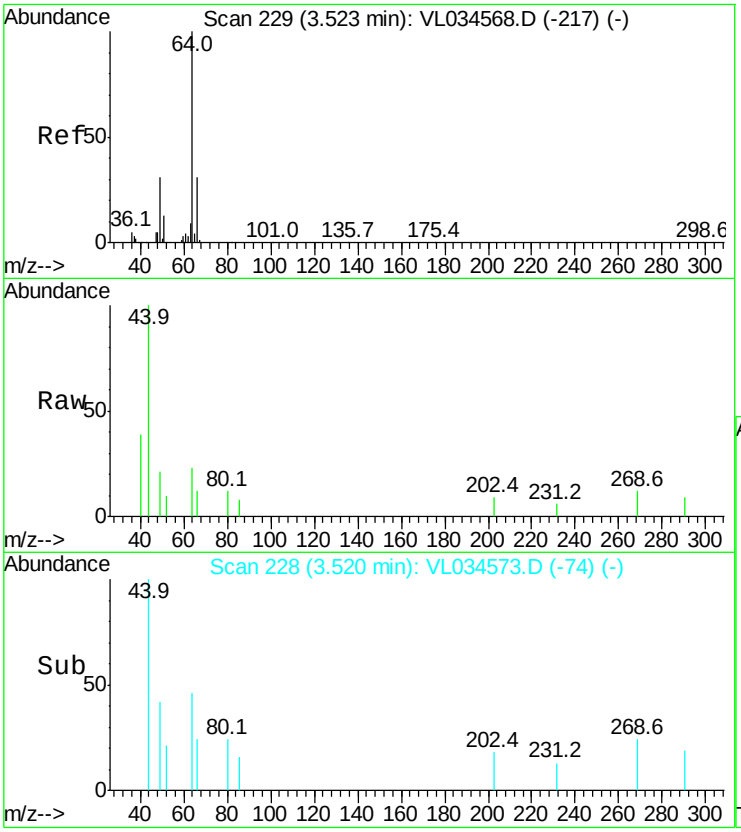


#6
Bromomethane
Concen: 0.017 ppbv
RT: 3.44 min Scan# 202
Delta R.T. -0.00 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Tgt Ion: 94 Resp: 643

Ion	Ratio	Lower	Upper
94	100		
96	115.4	71.2	106.8#



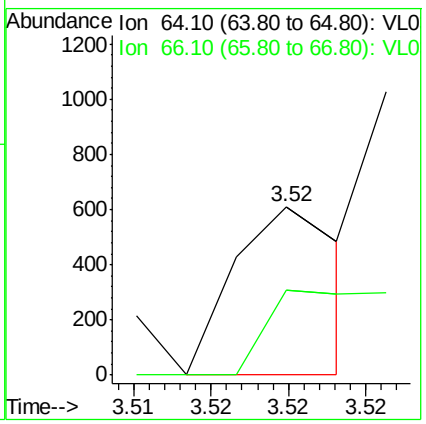


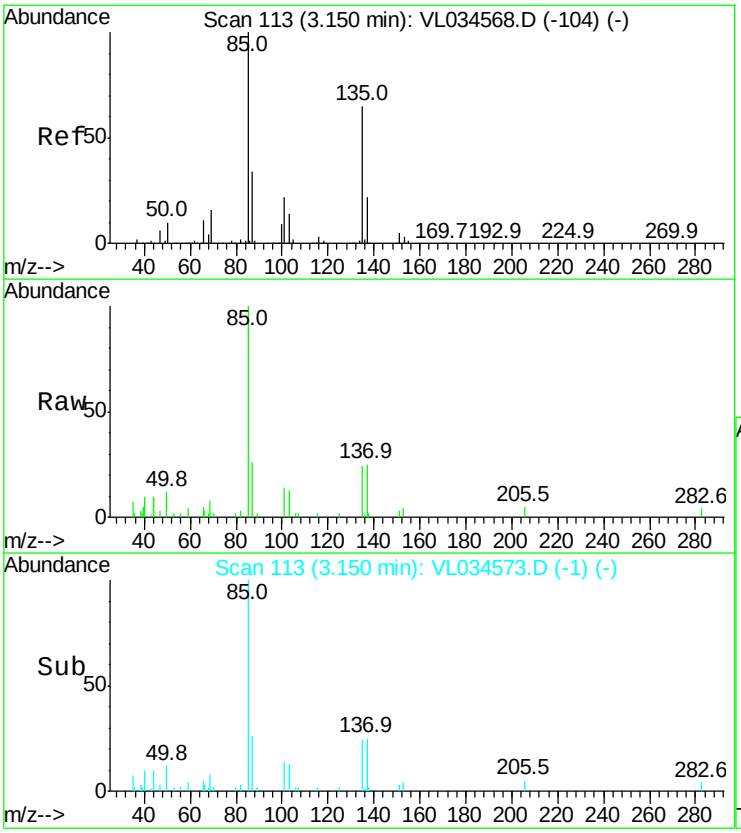
#7
Chloroethane
Concen: 0.011 ppbv
RT: 3.52 min Scan# 228
Delta R.T. -0.00 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 64 Resp: 294

Ion	Ratio	Lower	Upper
64	100		
66	50.7	25.0	37.4#

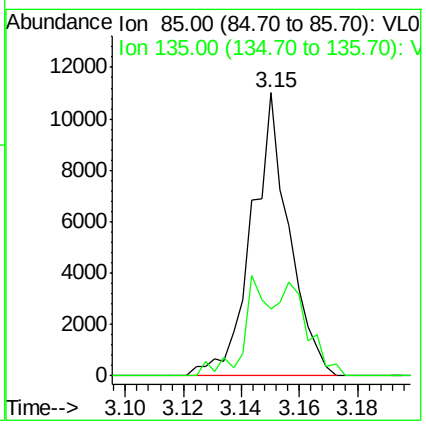


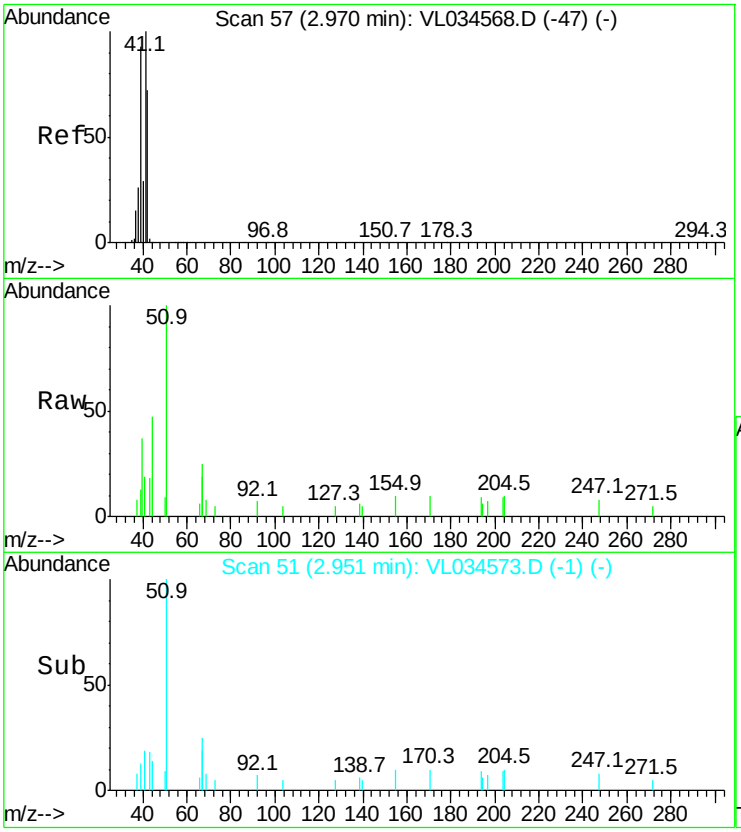


#8
Dichlorotetrafluoroethane
Concen: 0.057 ppbv
RT: 3.15 min Scan# 113
Delta R.T. -0.00 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Tgt Ion: 85 Resp: 9878

Ion	Ratio	Lower	Upper
85	100		
135	50.1	51.8	77.8#



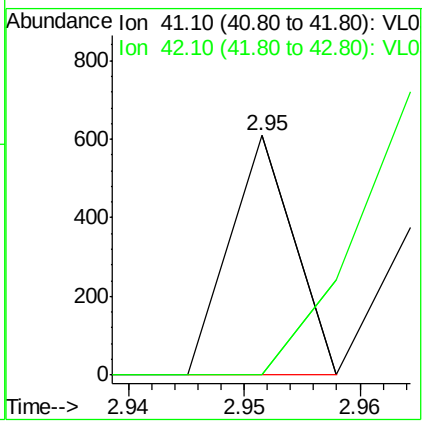


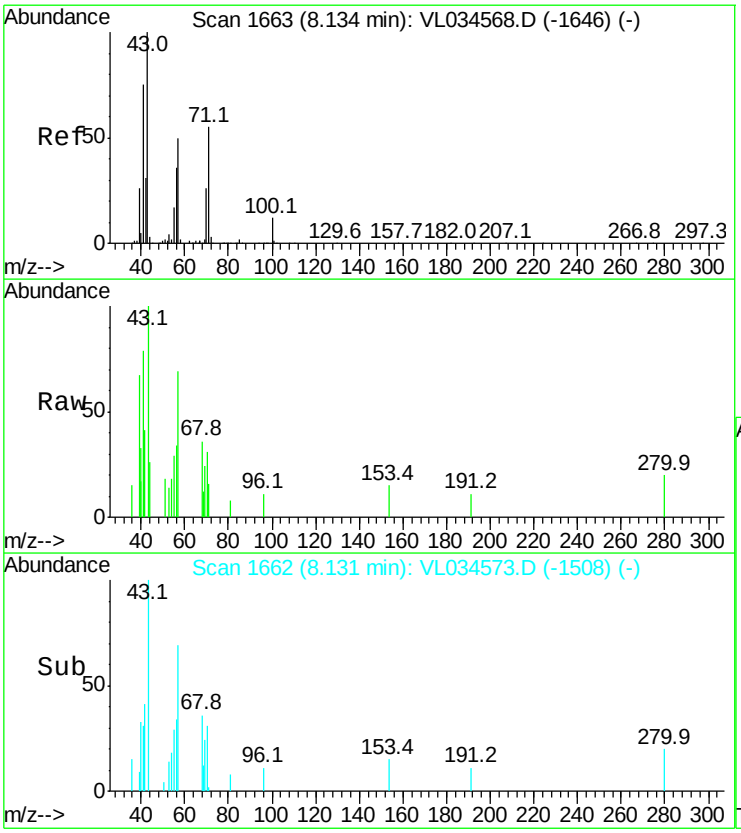
#9
Propene
Concen: 0.002 ppbv
RT: 2.95 min Scan# 51
Delta R.T. -0.02 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 41 Resp: 118

Ion	Ratio	Lower	Upper
41	100		
42	61.0	55.8	83.6

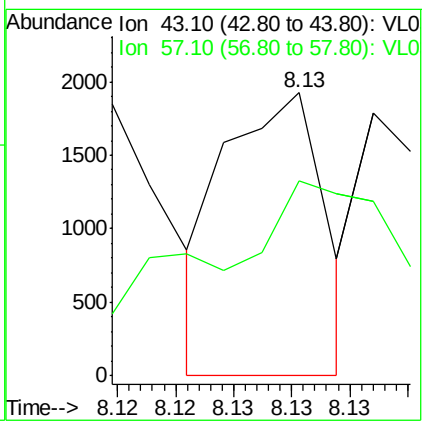


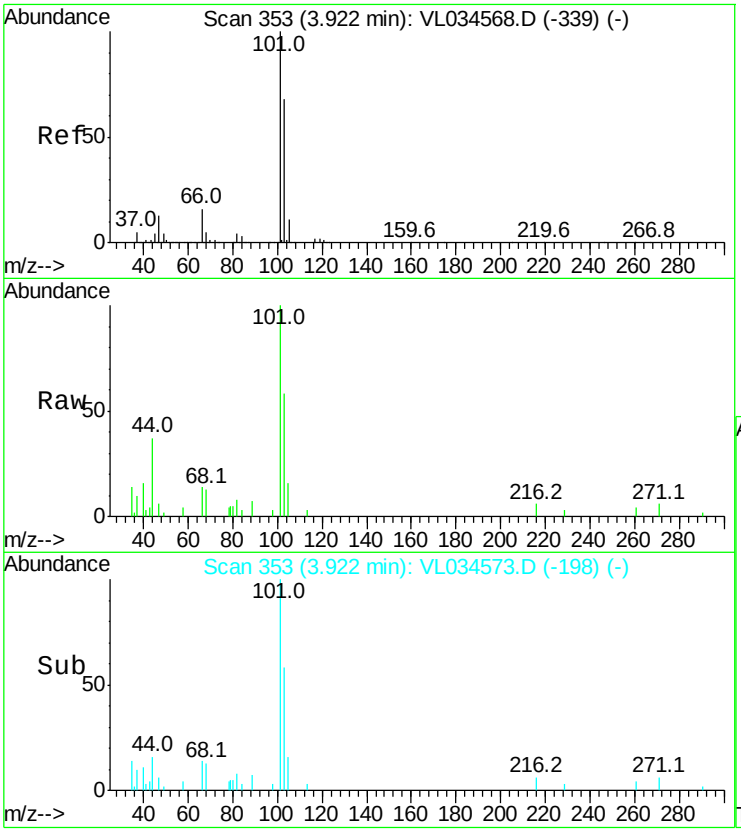


#10
Heptane
Concen: 0.009 ppbv
RT: 8.13 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Tgt Ion: 43 Resp: 1156

Ion	Ratio	Lower	Upper
43	100		
57	189.8	41.0	61.6#



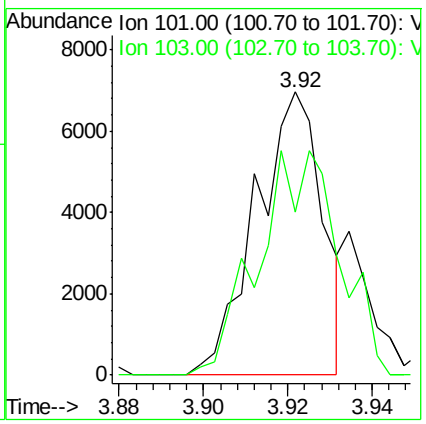


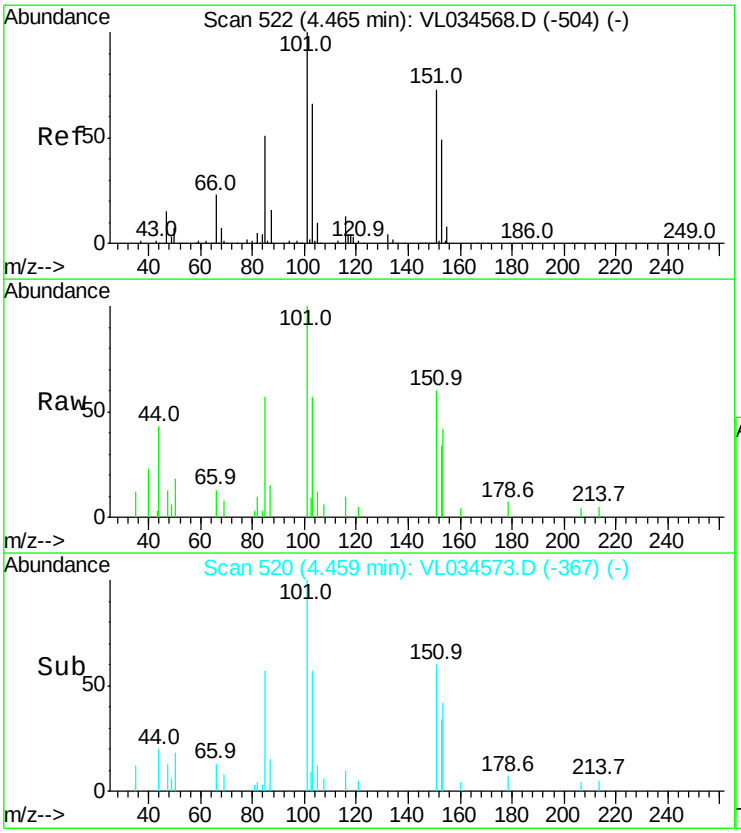
#11
Trichlorofluoromethane
Concen: 0.038 ppbv
RT: 3.92 min Scan# 353
Delta R.T. -0.00 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion:101 Resp: 7610

Ion	Ratio	Lower	Upper
101	100		
103	57.8	52.1	78.1

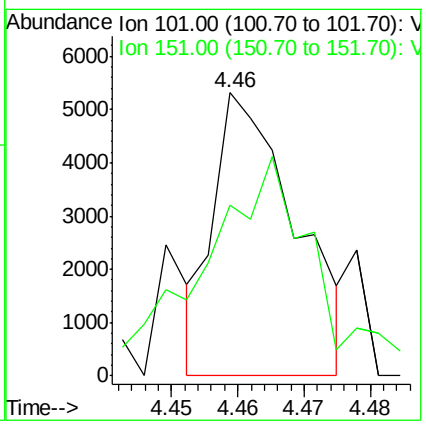


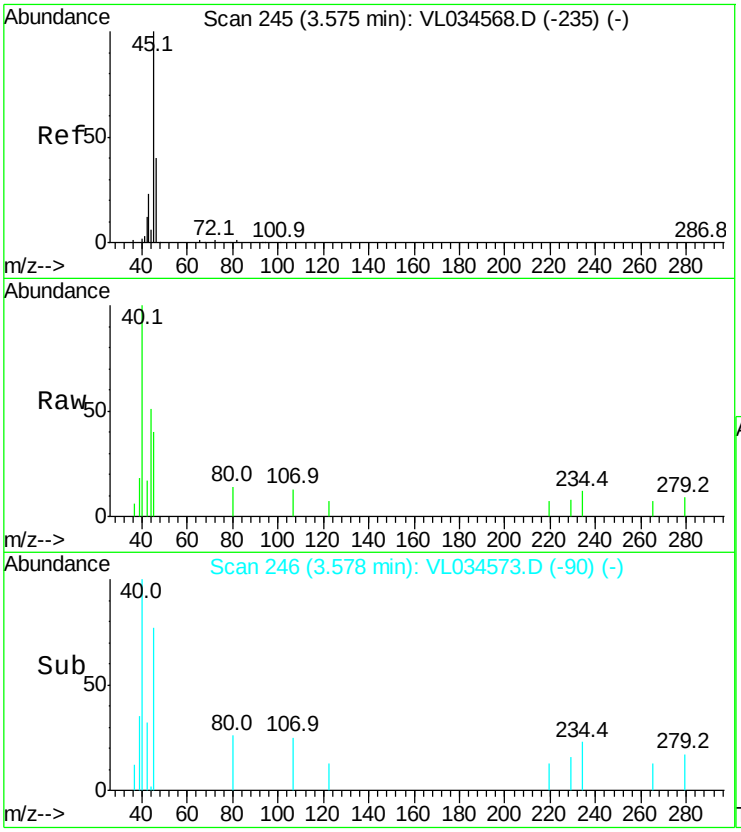


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.036 ppbv
RT: 4.46 min Scan# 520
Delta R.T. -0.01 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Tgt Ion:101 Resp: 4551

Ion	Ratio	Lower	Upper
101	100		
151	111.6	57.8	86.6#



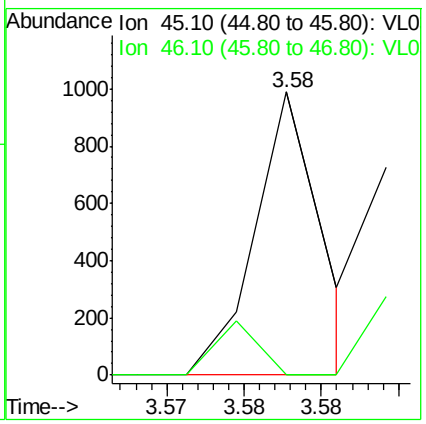


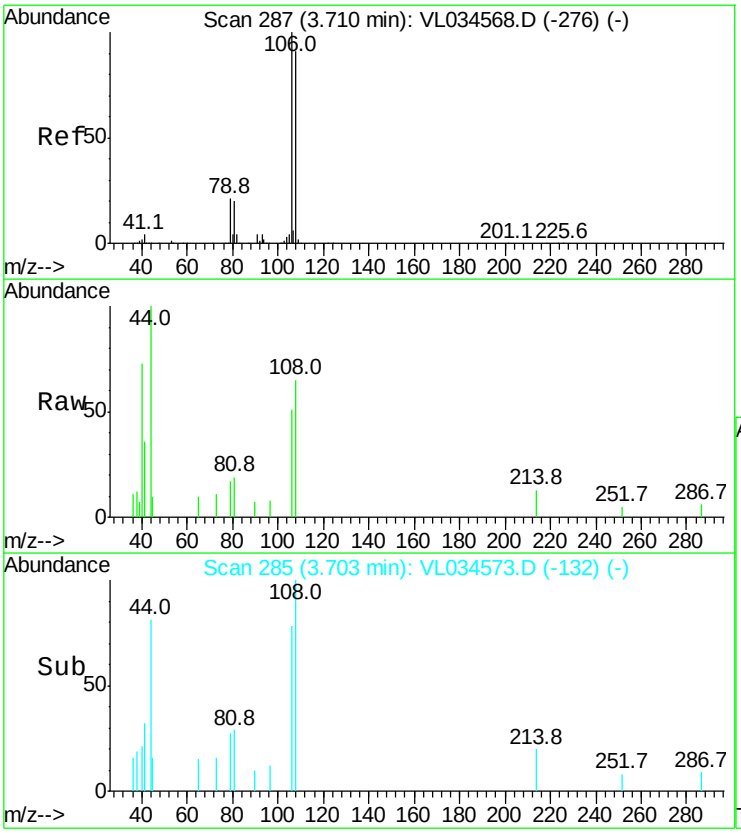
#13
Ethanol
Concen: 0.021 ppbv
RT: 3.58 min Scan# 246
Delta R.T. 0.00 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 45 Resp: 292

Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.9	59.7#

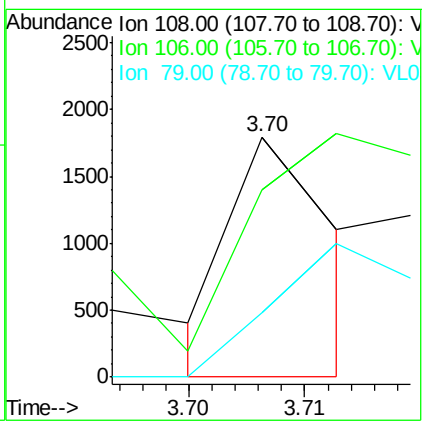


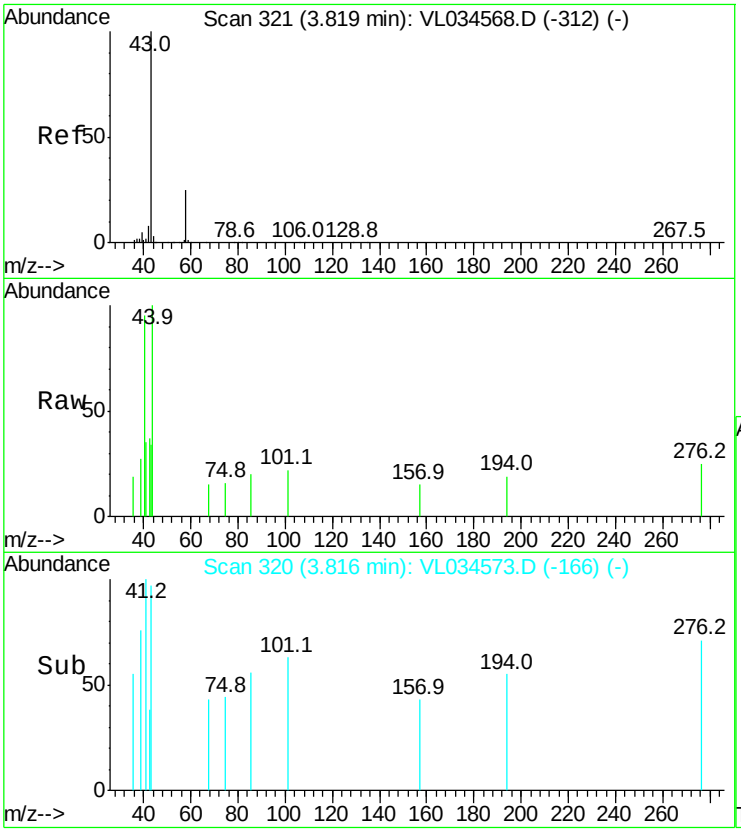


#14
Bromoethene
Concen: 0.011 ppbv
RT: 3.70 min Scan# 285
Delta R.T. -0.01 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Tgt Ion:108 Resp: 560

Ion	Ratio	Lower	Upper
108	100		
106	408.9	85.2	127.8#
79	122.9	17.4	26.2#



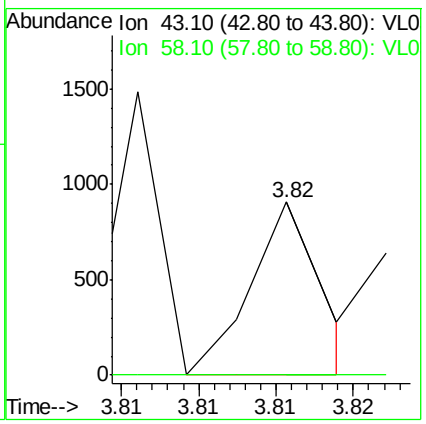


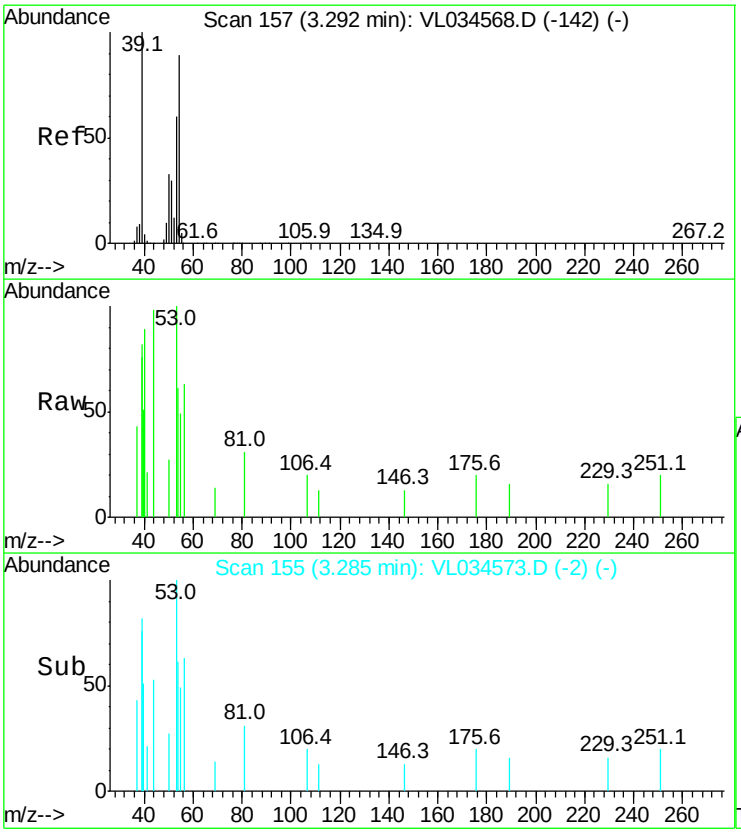
#15
Acetone
Concen: 0.002 ppbv
RT: 3.82 min Scan# 320
Delta R.T. -0.00 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 43 Resp: 286

Ion	Ratio	Lower	Upper
43	100		
58	0.0	20.4	30.6#

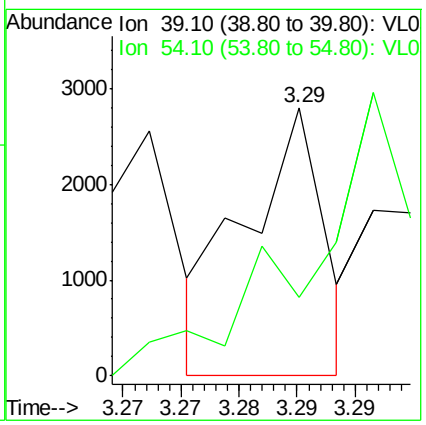


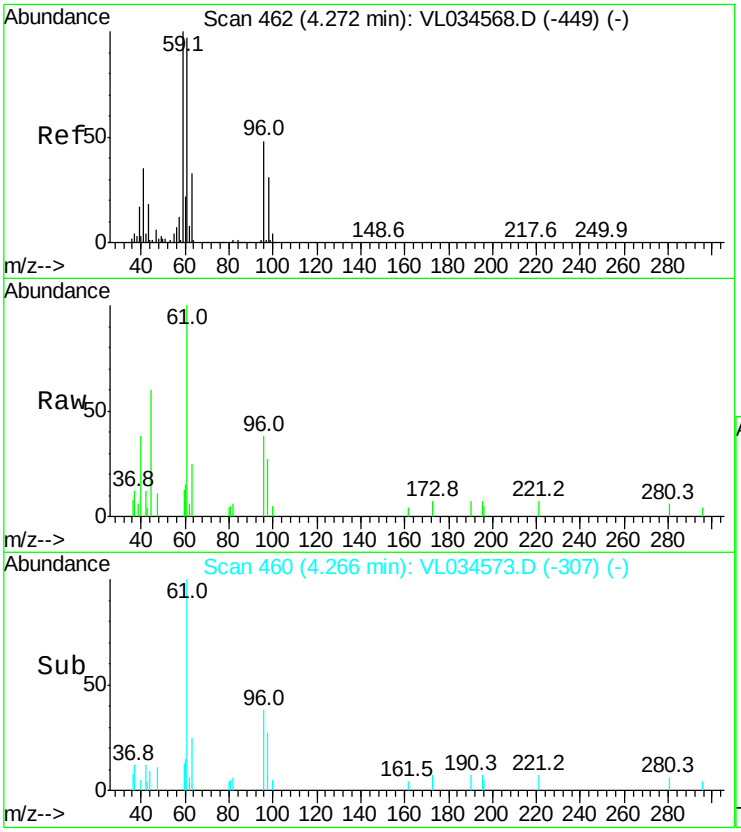


#16
1,3-Butadiene
Concen: 0.021 ppbv
RT: 3.29 min Scan# 155
Delta R.T. -0.01 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Tgt Ion: 39 Resp: 1328

Ion	Ratio	Lower	Upper
39	100		
54	0.0	66.2	99.2#



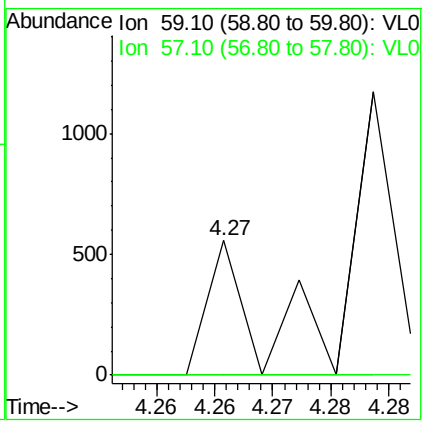


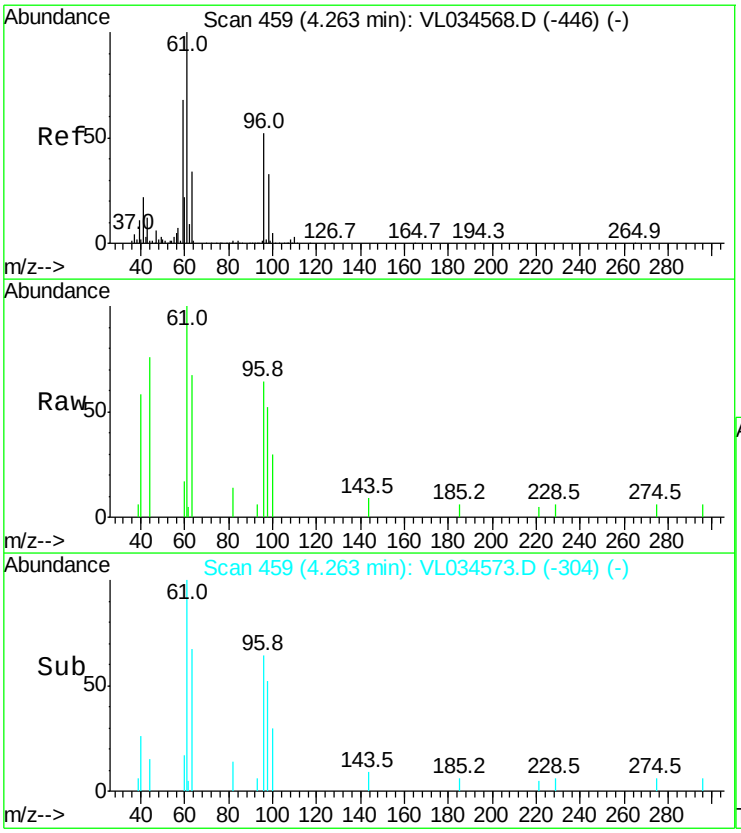
#17
tert-Butyl alcohol
Concen: 0.001 ppbv
RT: 4.27 min Scan# 460
Delta R.T. -0.01 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 59 Resp: 183

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8#

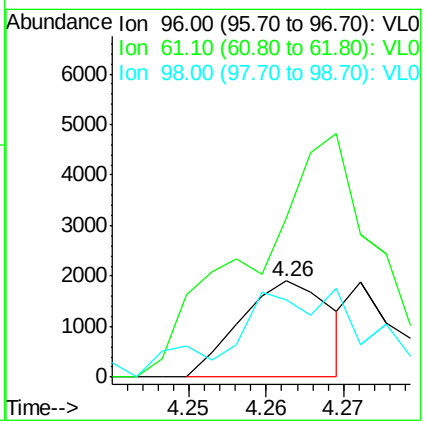


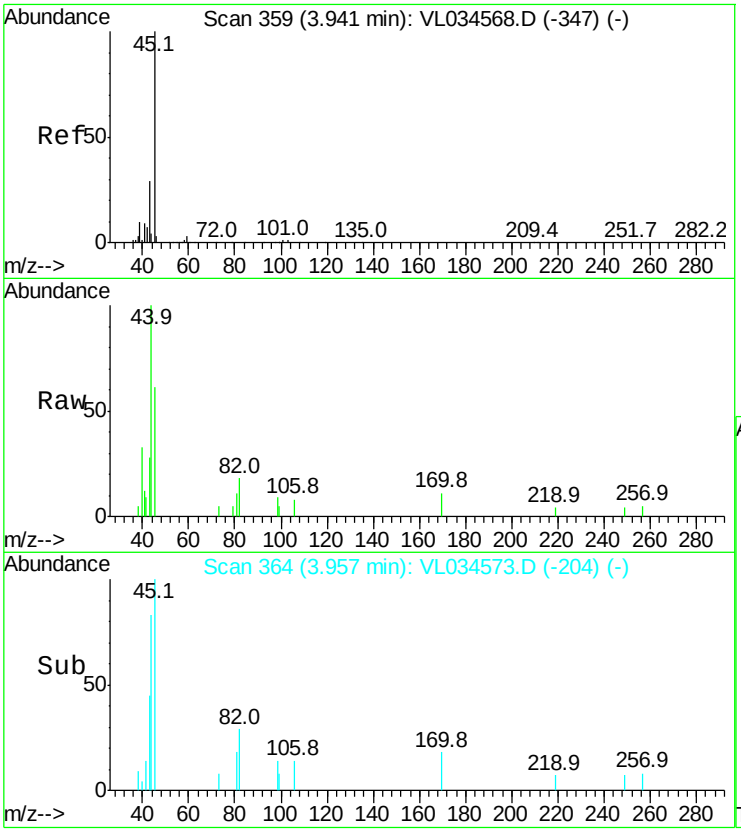


#18
1,1-Dichloroethene
Concen: 0.028 ppbv
RT: 4.26 min Scan# 459
Delta R.T. -0.00 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Tgt Ion: 96 Resp: 1545

Ion	Ratio	Lower	Upper
96	100		
61	79.9	165.9	248.9#
98	48.4	51.9	77.9#



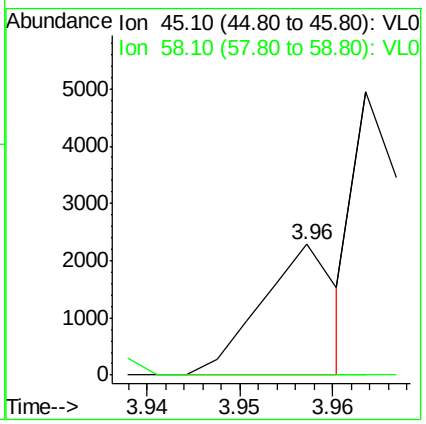


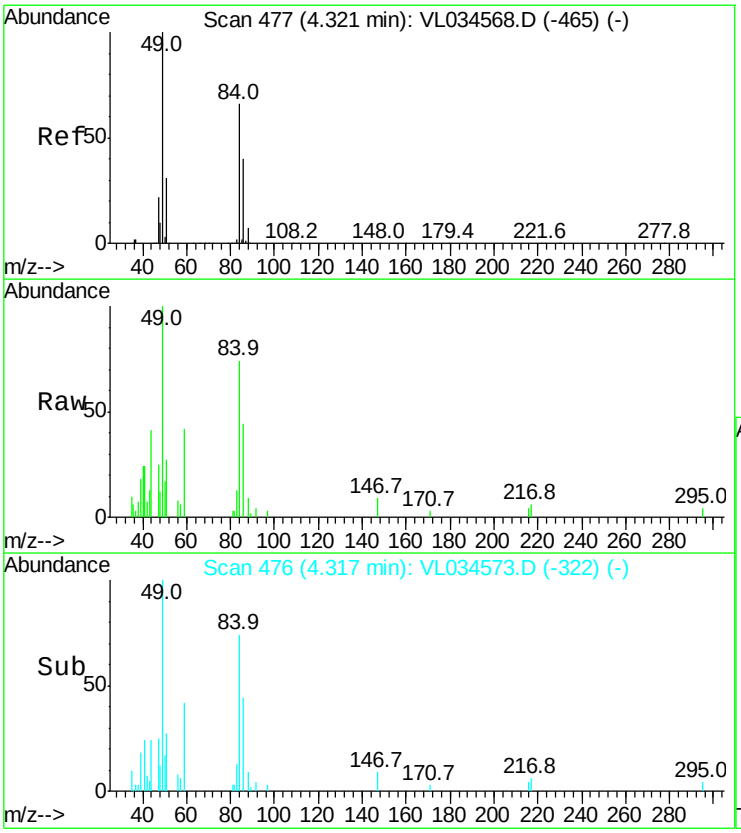
#19
Isopropyl Alcohol
Concen: 0.012 ppbv
RT: 3.96 min Scan# 364
Delta R.T. 0.02 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Tgt Ion: 45 Resp: 1276

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.4	2.0#

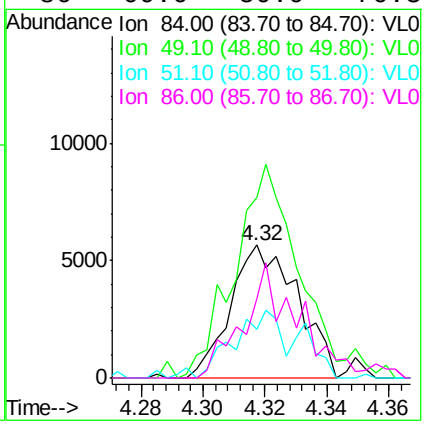


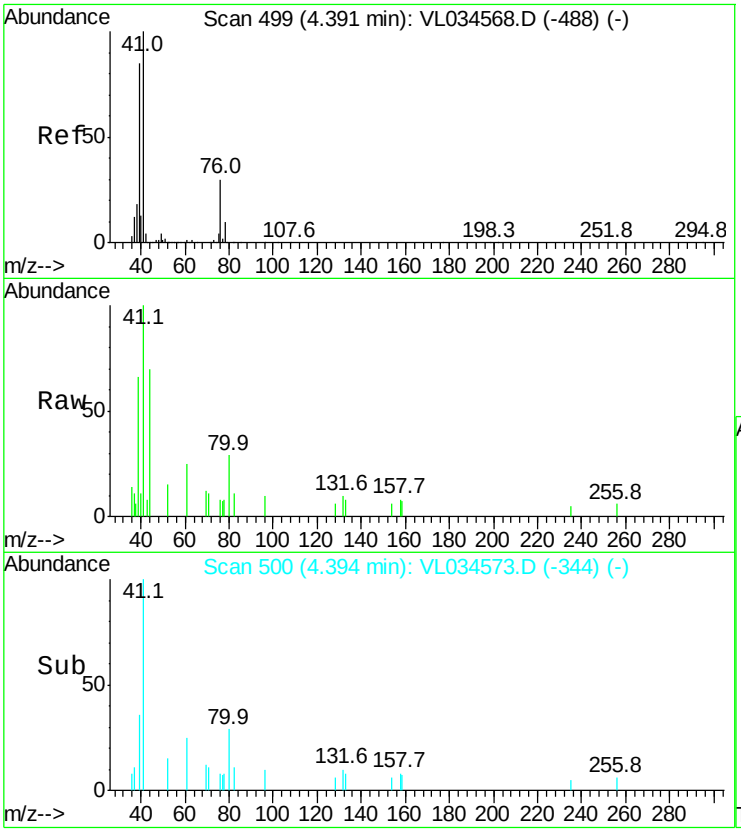


#20
Methylene Chloride
Concen: 0.135 ppbv
RT: 4.32 min Scan# 476
Delta R.T. -0.00 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Tgt Ion: 84 Resp: 8507

Ion	Ratio	Lower	Upper
84	100		
49	132.6	124.4	186.6
51	37.0	37.0	55.6#
86	60.0	50.9	76.3



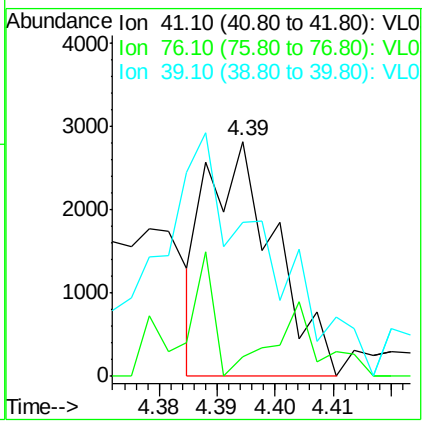


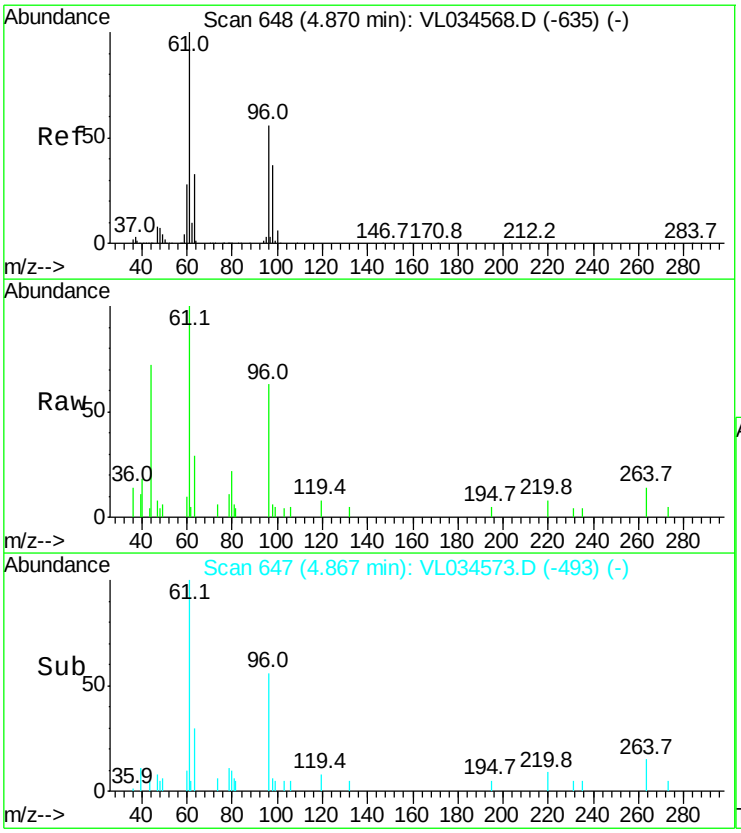
#21
Allyl Chloride
Concen: 0.025 ppbv
RT: 4.39 min Scan# 500
Delta R.T. 0.00 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Tgt Ion: 41 Resp: 2308

Ion	Ratio	Lower	Upper
41	100		
76	46.2	24.2	36.4#
39	190.6	65.8	98.6#

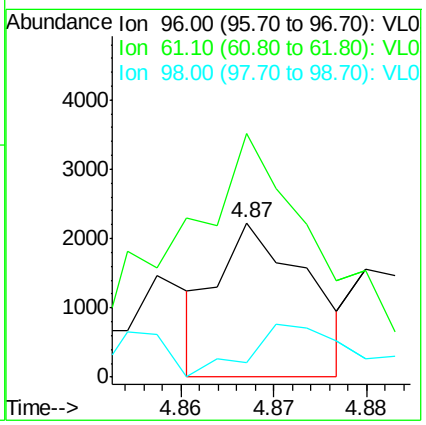


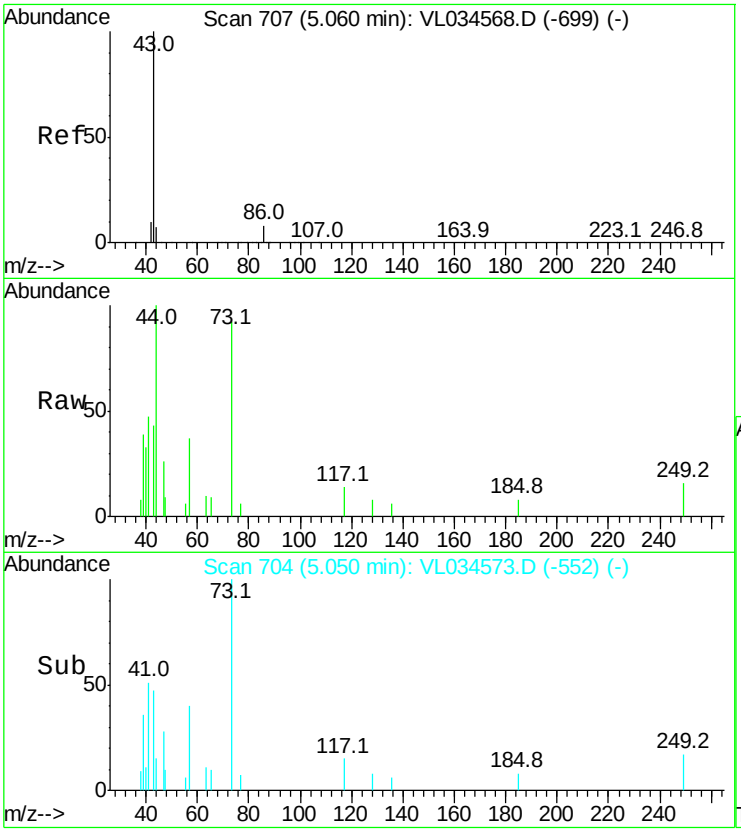


#22
trans-1,2-Dichloroethene
Concen: 0.026 ppbv
RT: 4.87 min Scan# 647
Delta R.T. -0.00 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Tgt Ion: 96 Resp: 1487

Ion	Ratio	Lower	Upper
96	100		
61	178.9	128.4	192.6
98	16.2	50.6	75.8#



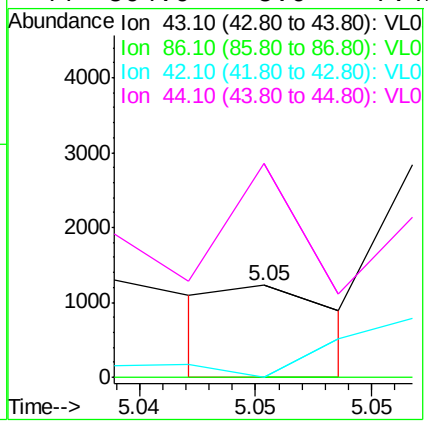


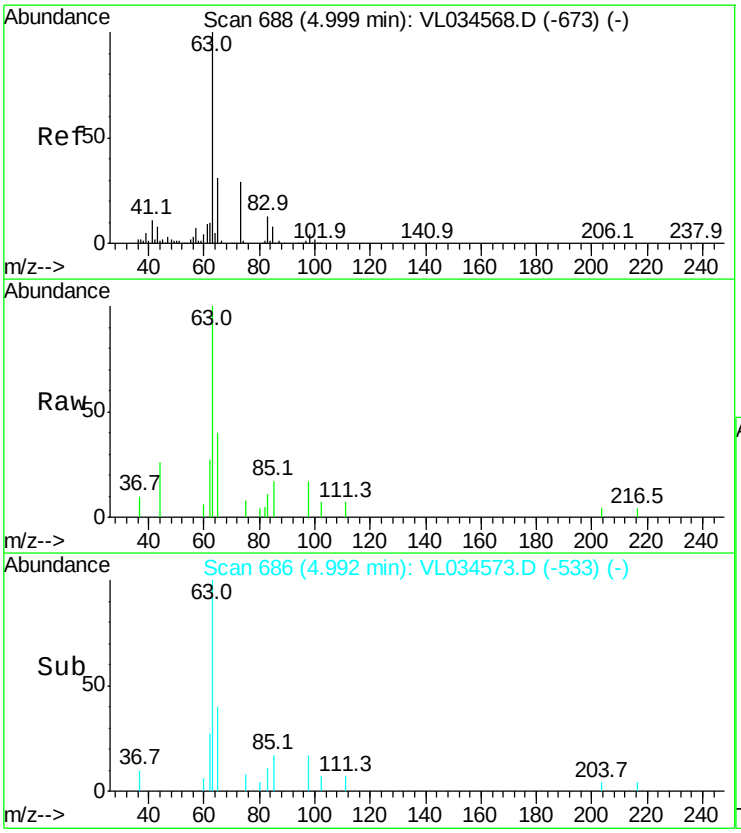
#23
Vinyl Acetate
Concen: 0.002 ppbv
RT: 5.05 min Scan# 704
Delta R.T. -0.01 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Tgt Ion: 43 Resp: 406

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.4	8.2#
42	0.0	8.9	13.3#
44	504.0	5.0	7.4#

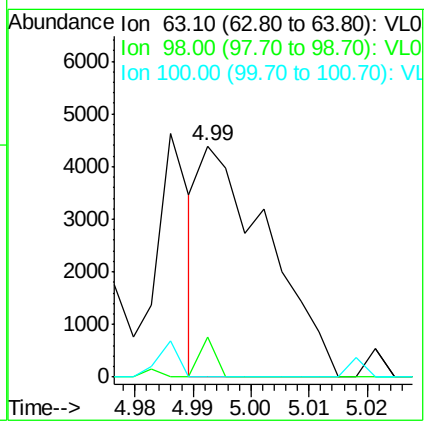


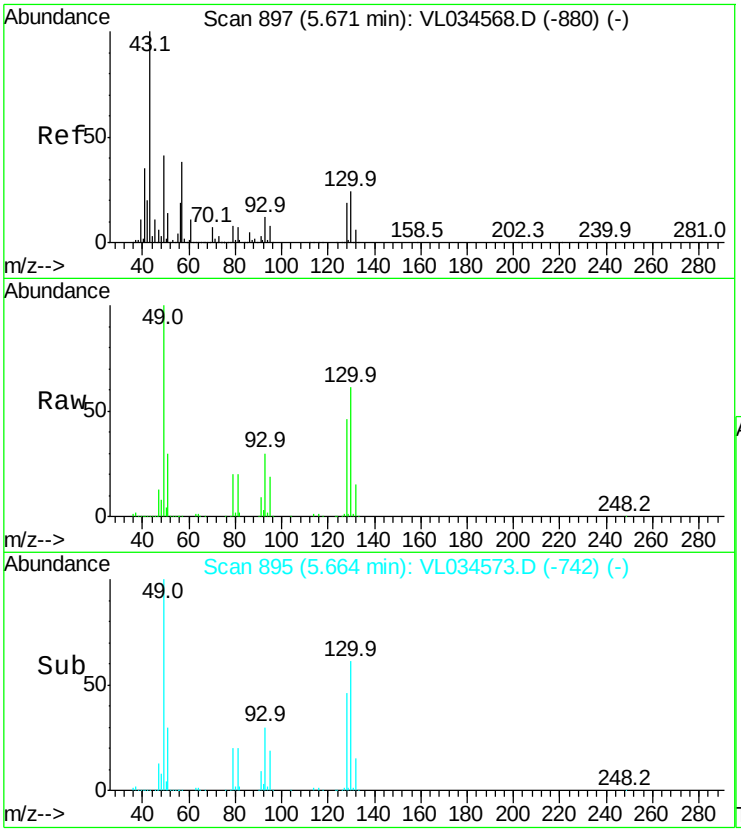


#24
1,1-Dichloroethane
Concen: 0.024 ppbv
RT: 4.99 min Scan# 686
Delta R.T. -0.01 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Tgt Ion: 63 Resp: 3585

Ion	Ratio	Lower	Upper
63	100		
98	17.1	2.1	6.3#
100	0.0	1.1	3.3#



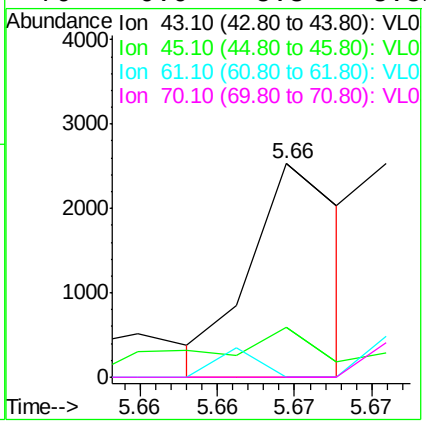


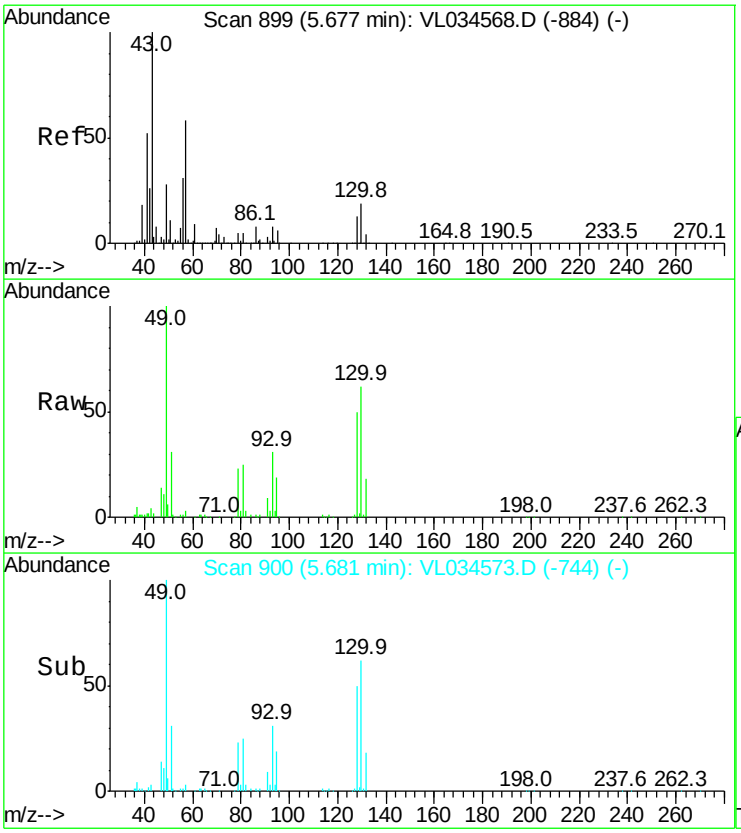
#25
Ethyl Acetate
Concen: 0.004 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.01 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Tgt Ion: 43 Resp: 1046

Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.3	12.5#
61	0.0	7.8	11.6#
70	0.0	5.8	8.8#

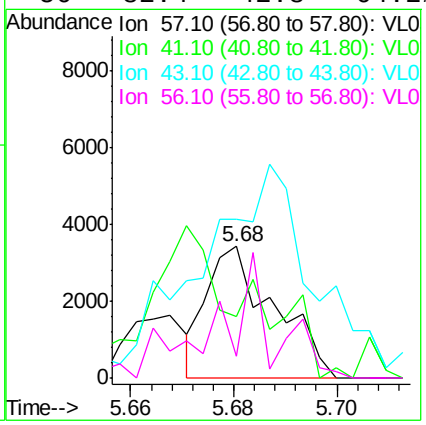


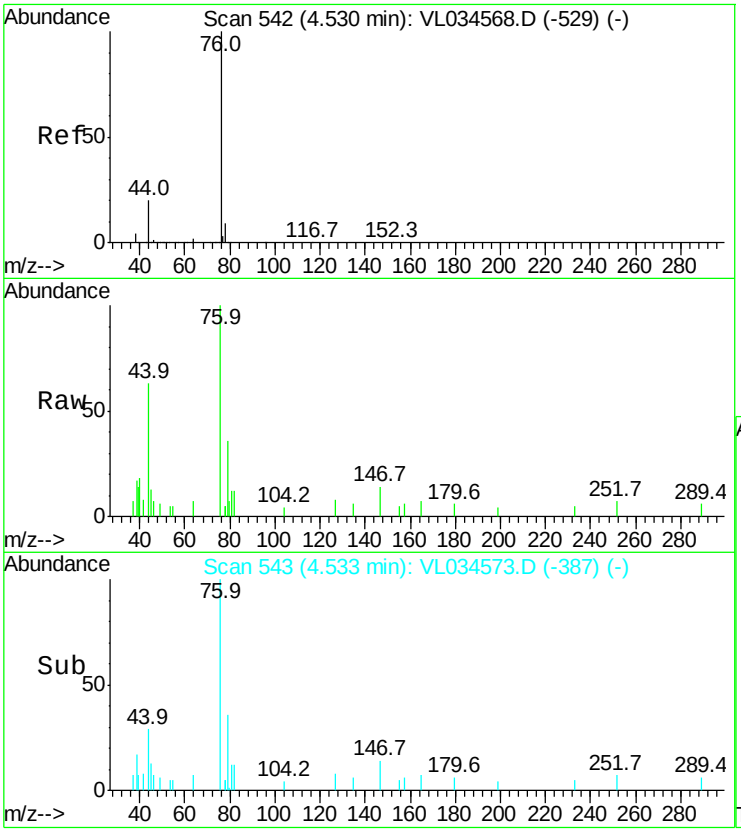


#26
Hexane
Concen: 0.029 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.00 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Tgt Ion: 57 Resp: 3089

Ion	Ratio	Lower	Upper
57	100		
41	0.0	75.3	112.9#
43	283.2	189.4	284.2
56	82.4	42.8	64.2#



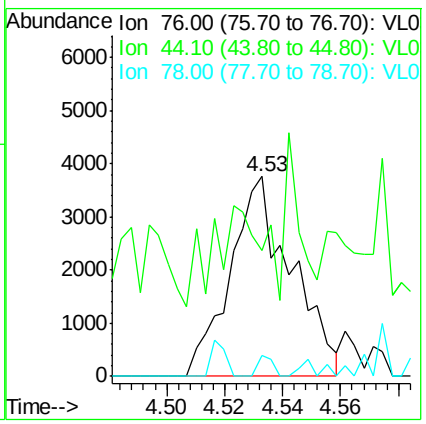


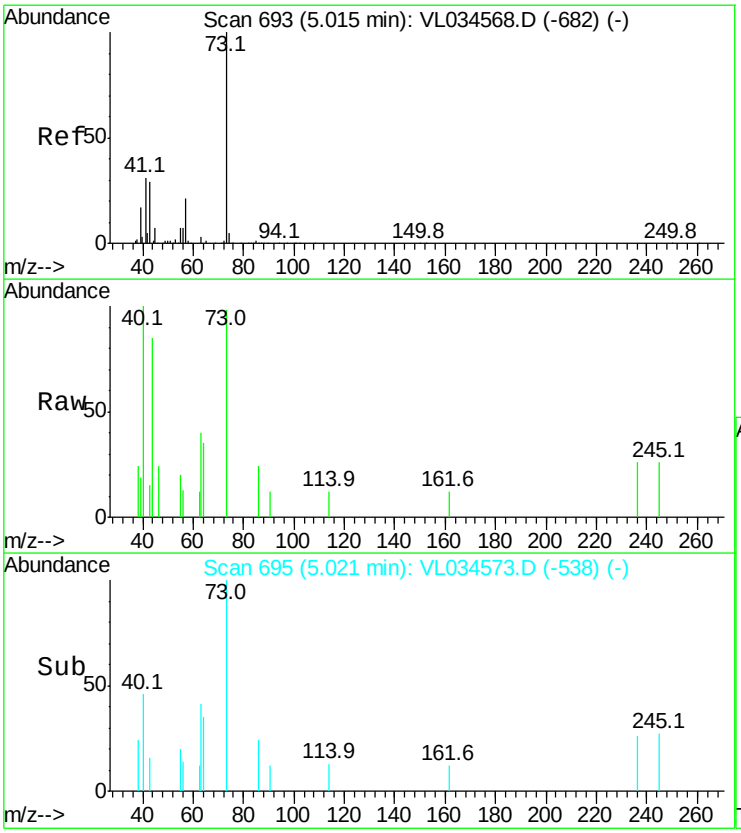
#27
Carbon Disulfide
Concen: 0.041 ppbv
RT: 4.53 min Scan# 543
Delta R.T. 0.00 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Tgt Ion: 76 Resp: 5493

Ion	Ratio	Lower	Upper
76	100		
44	69.3	16.6	25.0#
78	7.3	7.4	11.0#

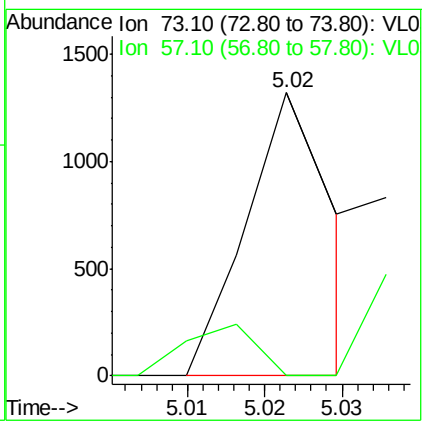


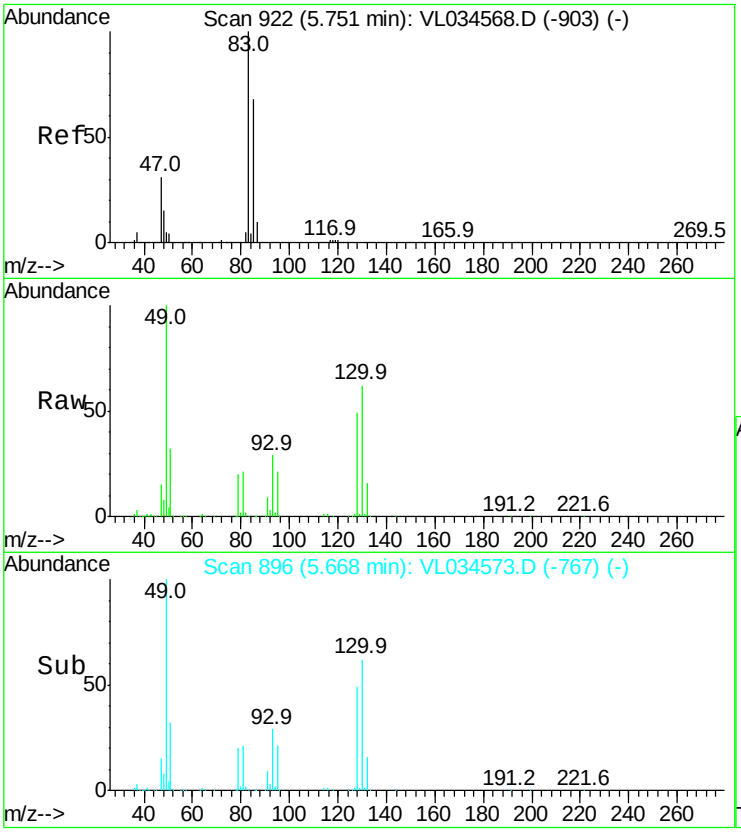


#28
Methyl tert-Butyl Ether
Concen: 0.003 ppbv
RT: 5.02 min Scan# 695
Delta R.T. 0.01 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Tgt Ion: 73 Resp: 510

Ion	Ratio	Lower	Upper
73	100		
57	0.0	18.2	27.2#



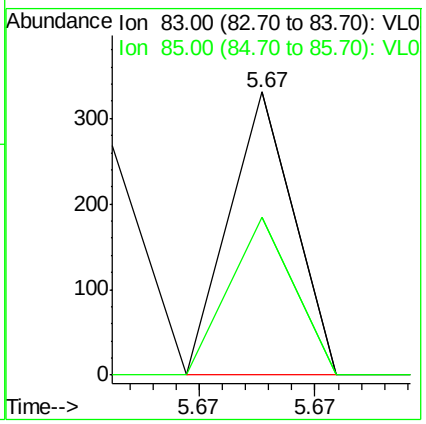


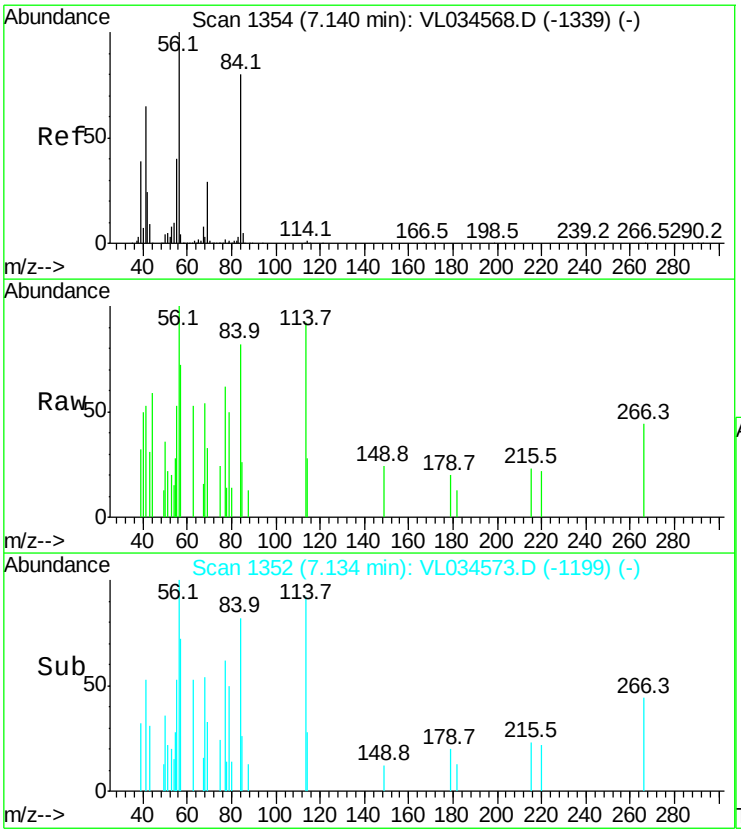
#29
Chloroform
Concen: 0.000 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.08 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 83 Resp: 64

Ion	Ratio	Lower	Upper
83	100		
85	55.9	51.0	76.6

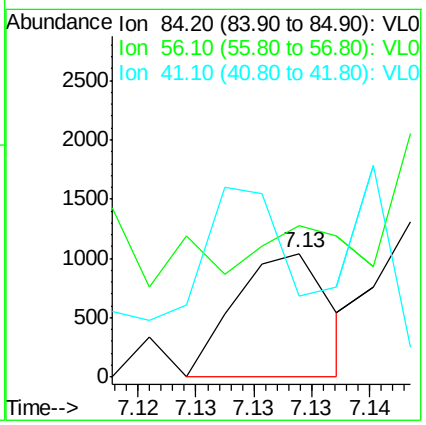


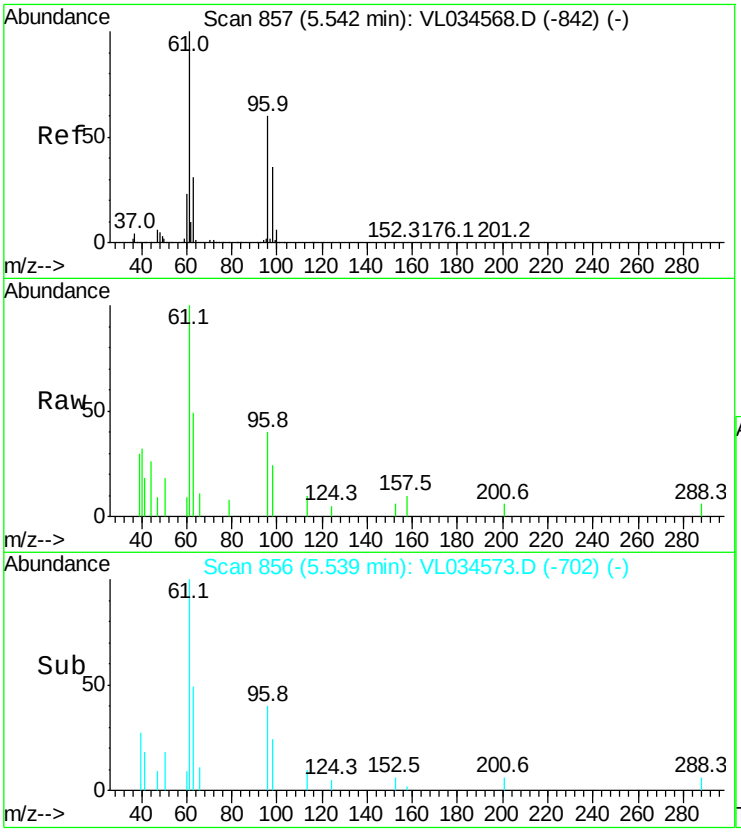


#30
Cyclohexane
Concen: 0.008 ppbv
RT: 7.13 min Scan# 1352
Delta R.T. -0.01 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Tgt Ion: 84 Resp: 592

Ion	Ratio	Lower	Upper
84	100		
56	0.0	112.7	169.1#
41	444.3	73.0	109.4#



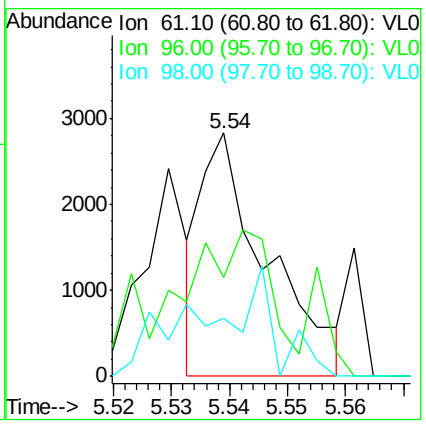


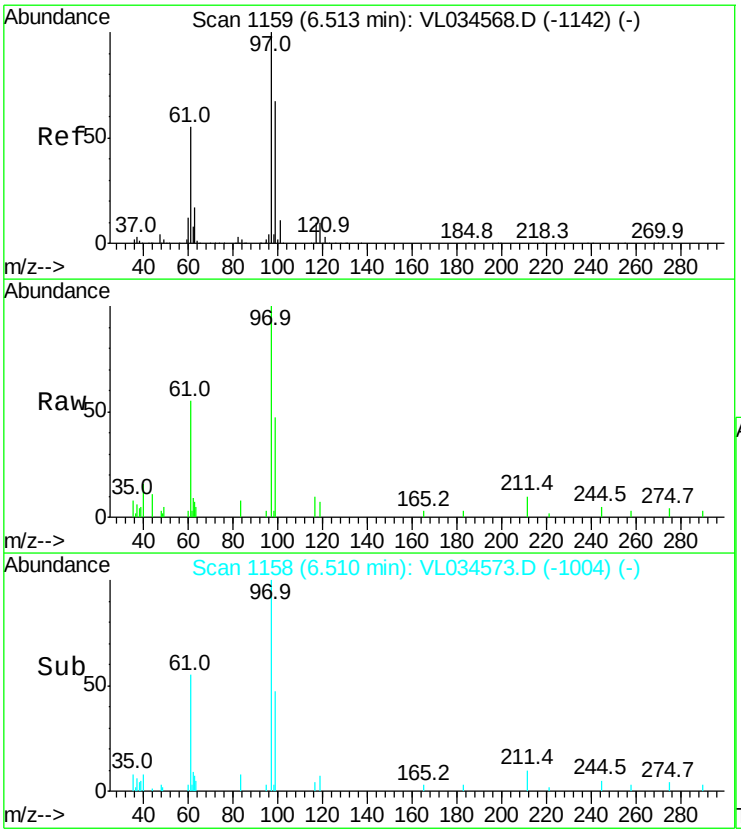
#31
cis-1,2-Dichloroethene
Concen: 0.021 ppbv
RT: 5.54 min Scan# 856
Delta R.T. -0.00 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 61 Resp: 2232

Ion	Ratio	Lower	Upper
61	100		
96	37.7	47.1	70.7#
98	29.7	31.0	46.6#

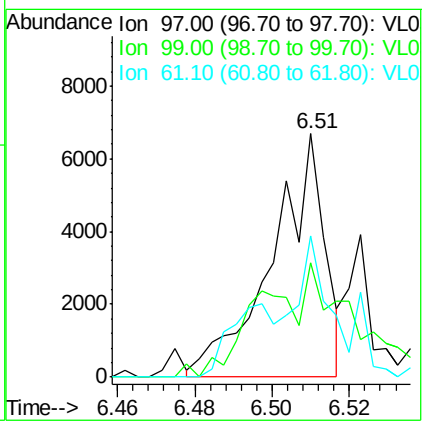


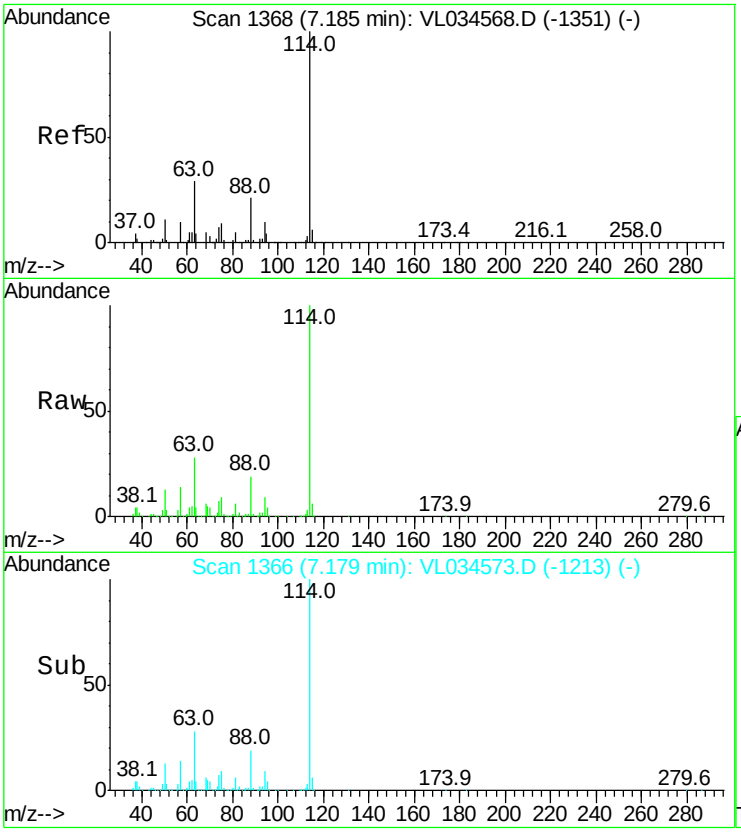


#32
1,1,1-Trichloroethane
Concen: 0.033 ppbv
RT: 6.51 min Scan# 1158
Delta R.T. -0.00 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Tgt Ion: 97 Resp: 6310

Ion	Ratio	Lower	Upper
97	100		
99	81.2	51.7	77.5#
61	73.8	42.9	64.3#



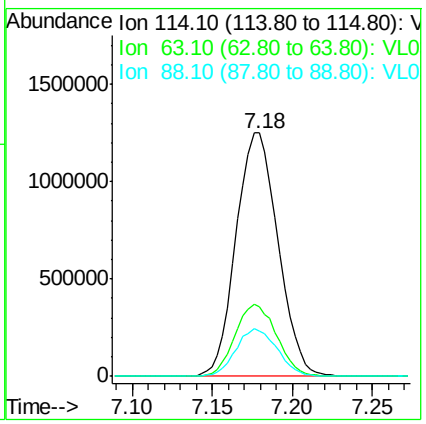


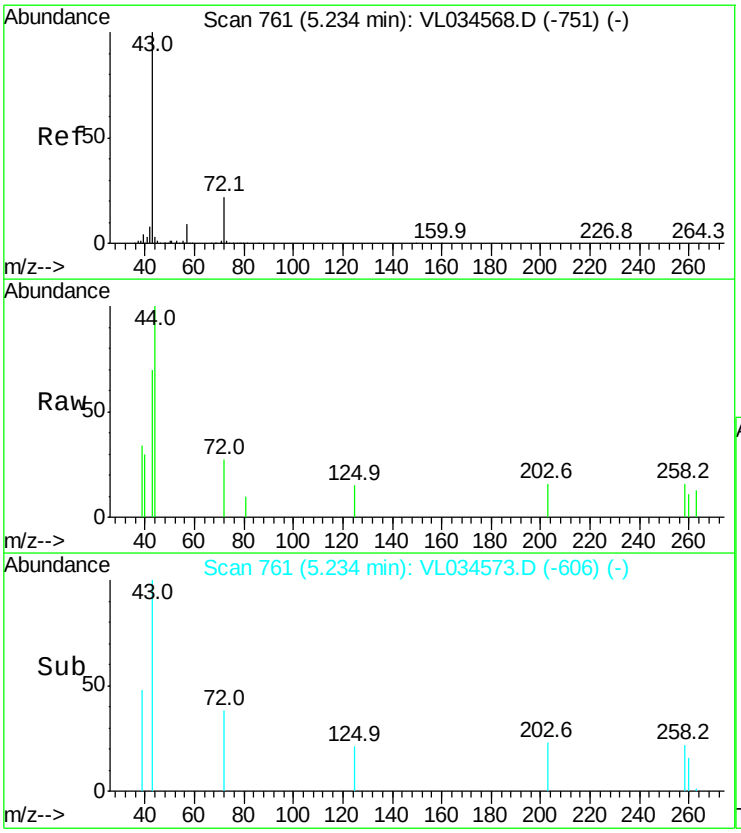
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.01 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion:114 Resp: 2235220

Ion	Ratio	Lower	Upper
114	100		
63	29.5	24.1	36.1
88	19.4	15.7	23.5

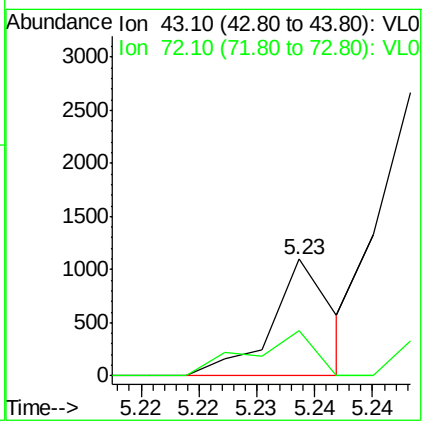


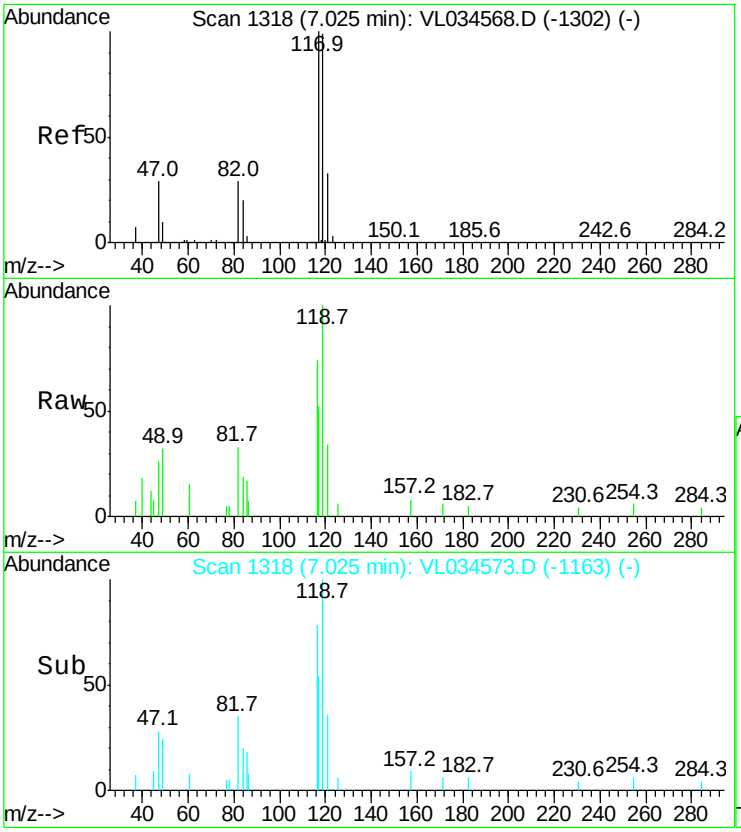


#34
2-Butanone
Concen: 0.003 ppbv
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Tgt Ion: 43 Resp: 401

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.0	25.4#



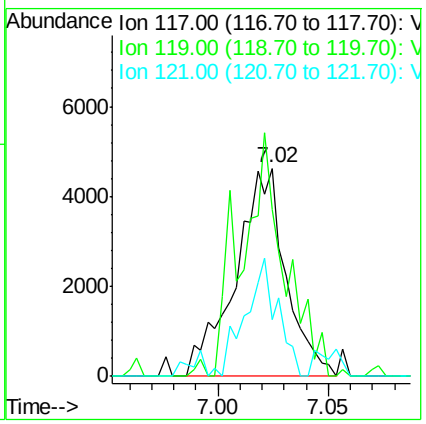


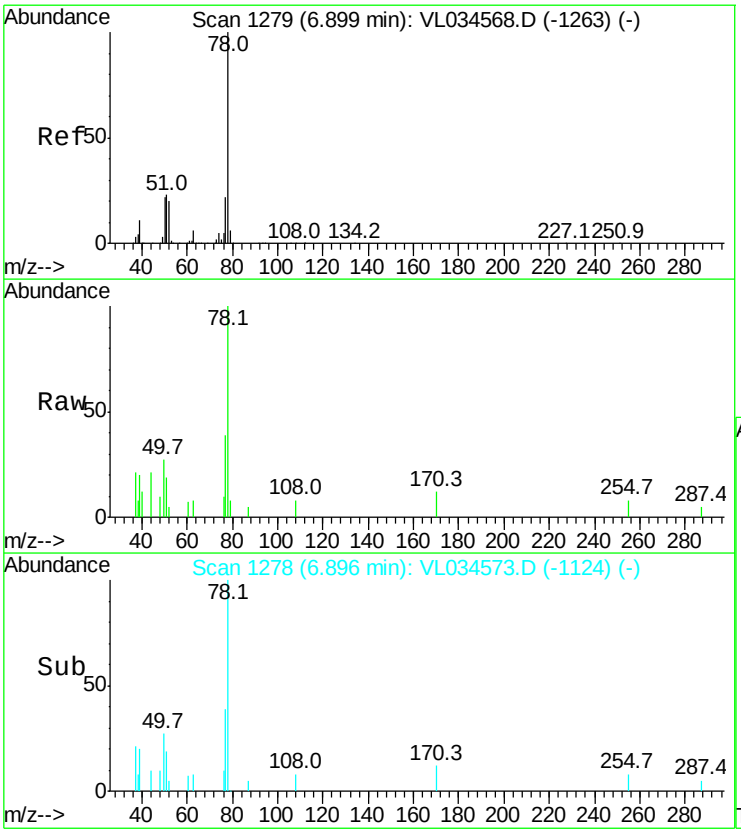
#35
Carbon Tetrachloride
Concen: 0.036 ppbv
RT: 7.02 min Scan# 1318
Delta R.T. -0.00 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion:117 Resp: 7361

Ion	Ratio	Lower	Upper
117	100		
119	80.0	78.7	118.1
121	21.6	25.9	38.9#

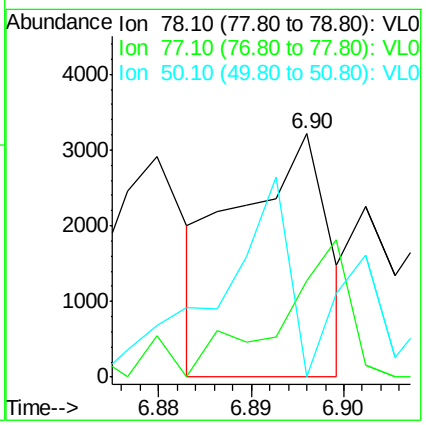


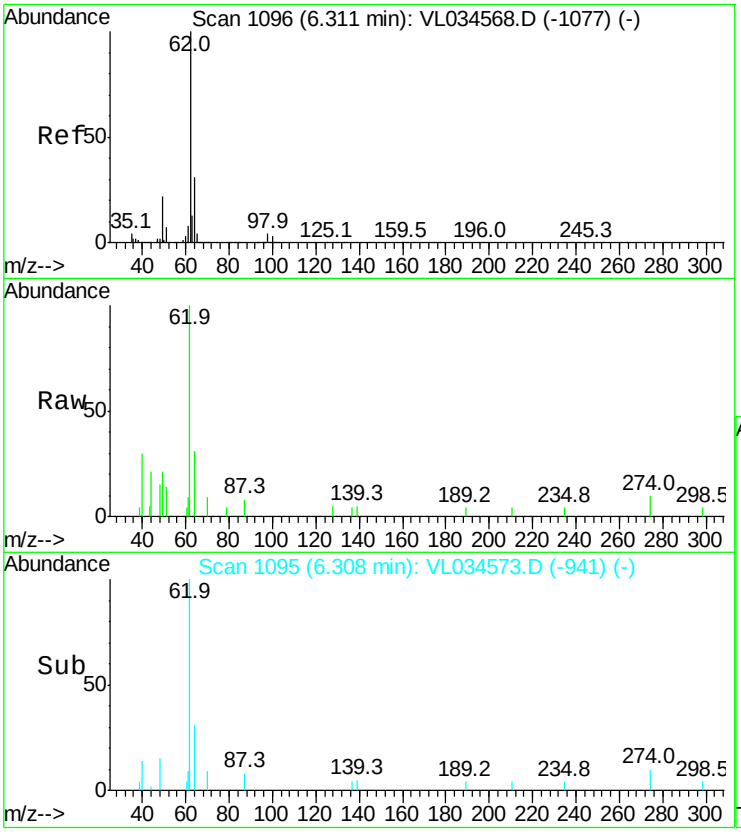


#36
Benzene
Concen: 0.011 ppbv
RT: 6.90 min Scan# 1278
Delta R.T. -0.00 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Tgt Ion: 78 Resp: 2218

Ion	Ratio	Lower	Upper
78	100		
77	73.1	18.6	28.0#
50	0.0	18.8	28.2#



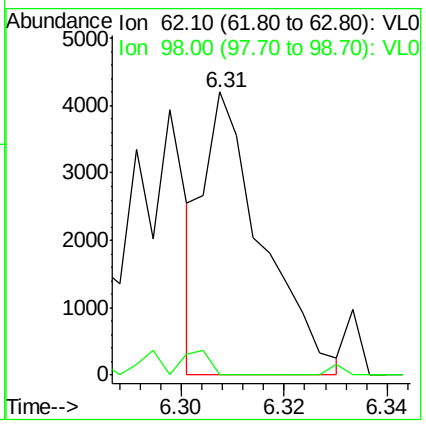


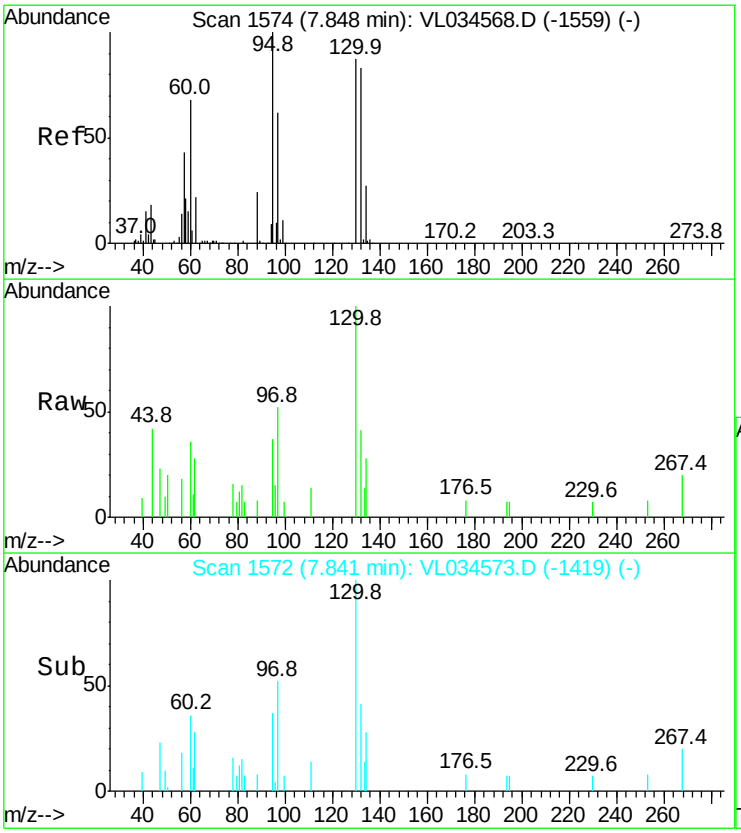
#37
1,2-Dichloroethane
Concen: 0.021 ppbv
RT: 6.31 min Scan# 1095
Delta R.T. -0.00 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 62 Resp: 3311

Ion	Ratio	Lower	Upper
62	100		
98	0.0	3.8	5.6#

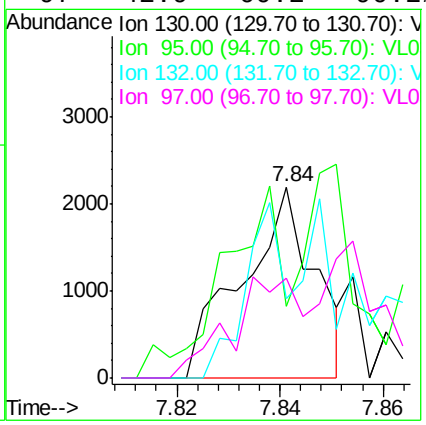


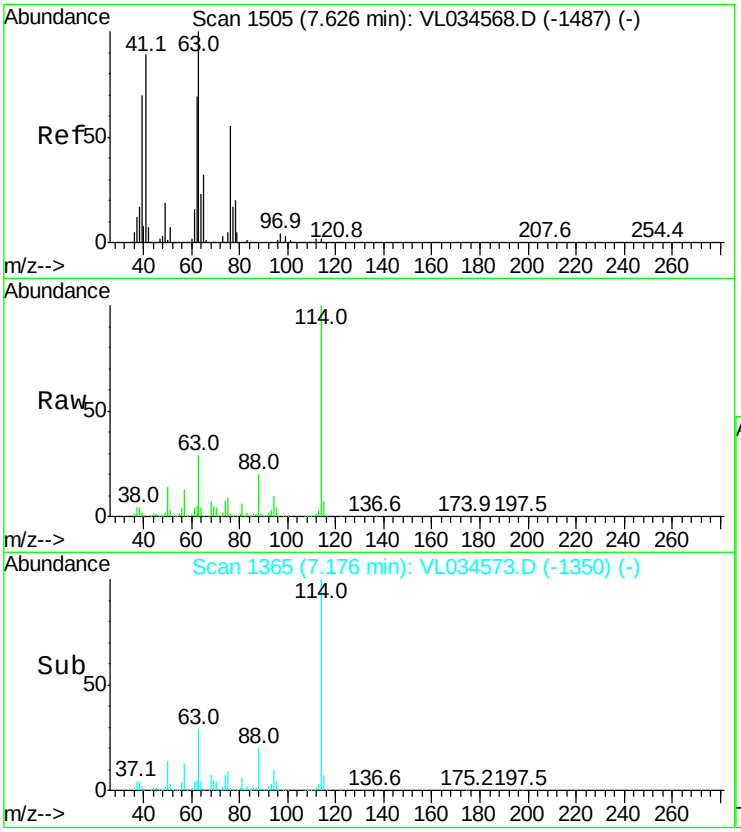


#38
Trichloroethene
Concen: 0.027 ppbv
RT: 7.84 min Scan# 1572
Delta R.T. -0.01 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Tgt Ion:130 Resp: 2124

Ion	Ratio	Lower	Upper
130	100		
95	22.2	94.2	141.2#
132	41.4	76.1	114.1#
97	42.9	60.2	90.2#



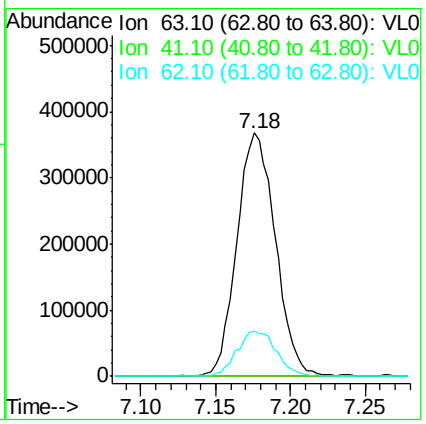


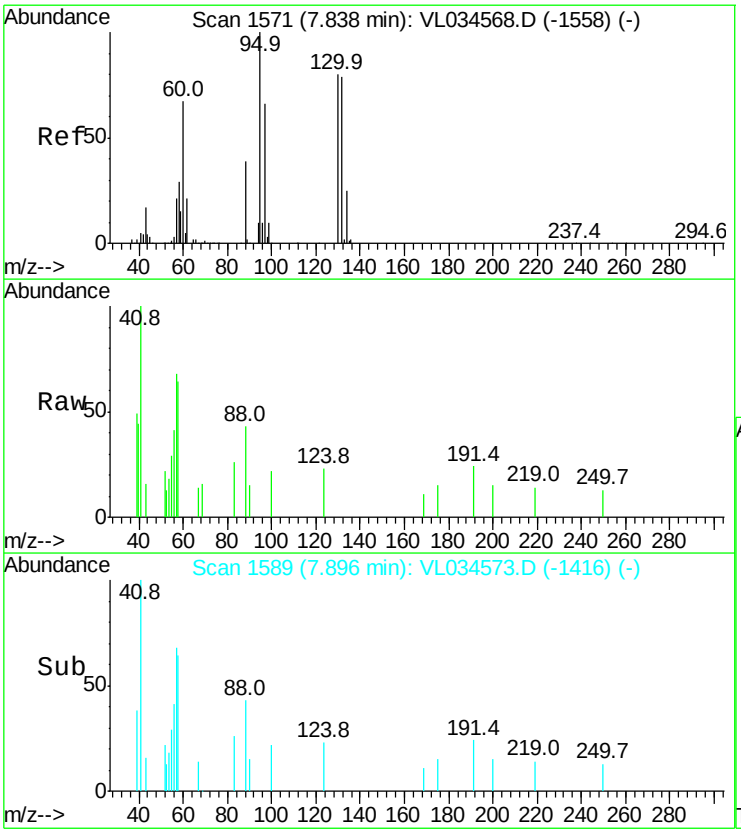
#39
1,2-Dichloropropane
Concen: 8.219 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.45 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Tgt Ion: 63 Resp: 658487

Ion	Ratio	Lower	Upper
63	100		
41	0.0	66.1	99.1#
62	18.5	54.9	82.3#

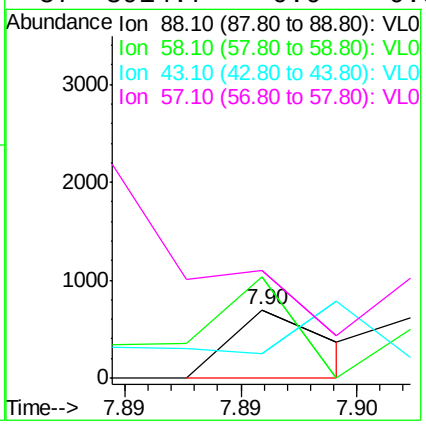


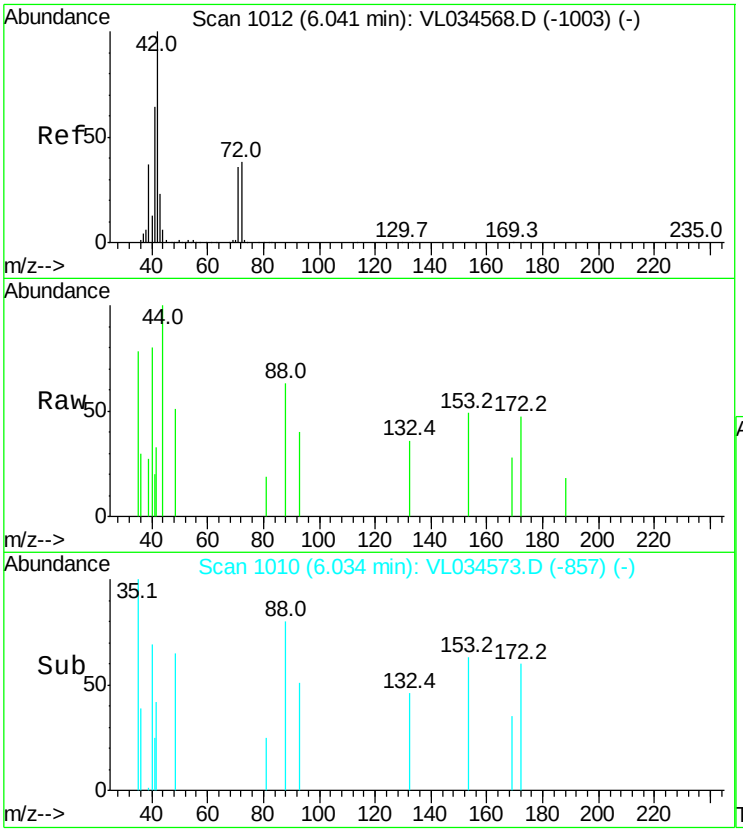


#40
1,4-Dioxane
Concen: 0.006 ppbv
RT: 7.90 min Scan# 1589
Delta R.T. 0.06 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Tgt Ion: 88 Resp: 204

Ion	Ratio	Lower	Upper
88	100		
58	721.6	107.9	161.9#
43	1051.0	0.0	0.0#
57	3914.7	0.0	0.0#



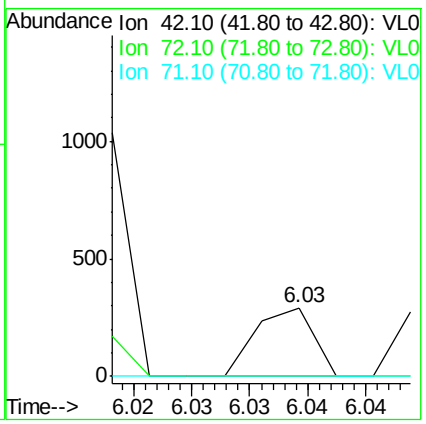


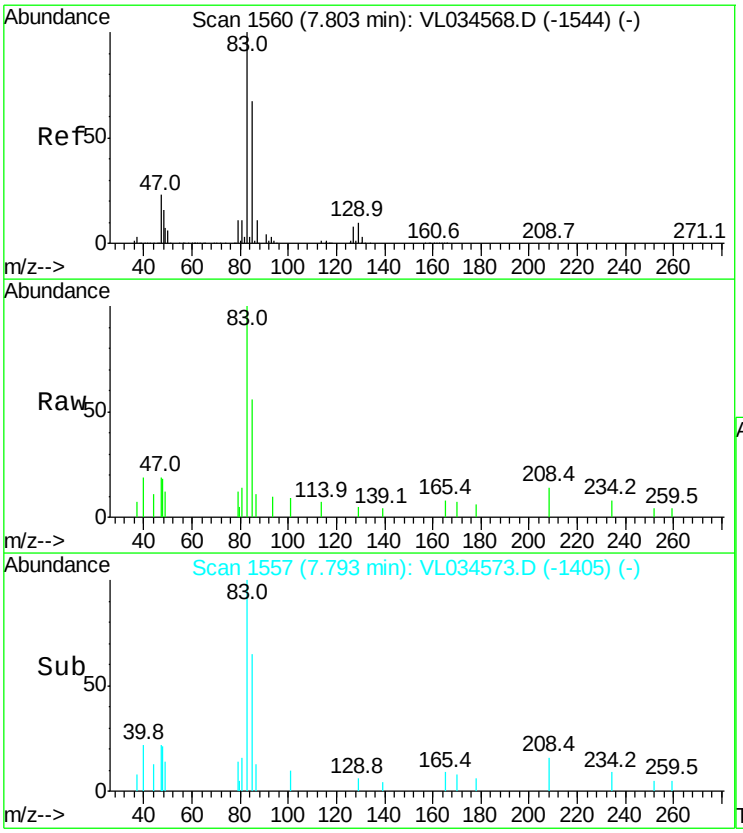
#41
Tetrahydrofuran
Concen: 0.001 ppbv
RT: 6.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Tgt Ion: 42 Resp: 102

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

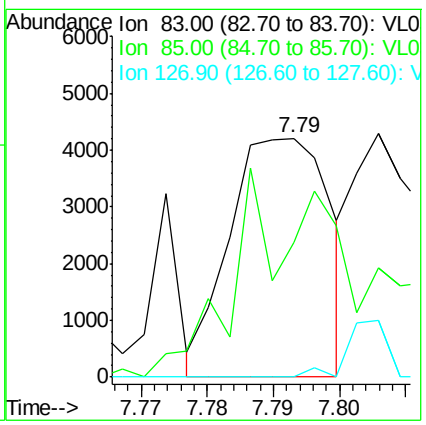


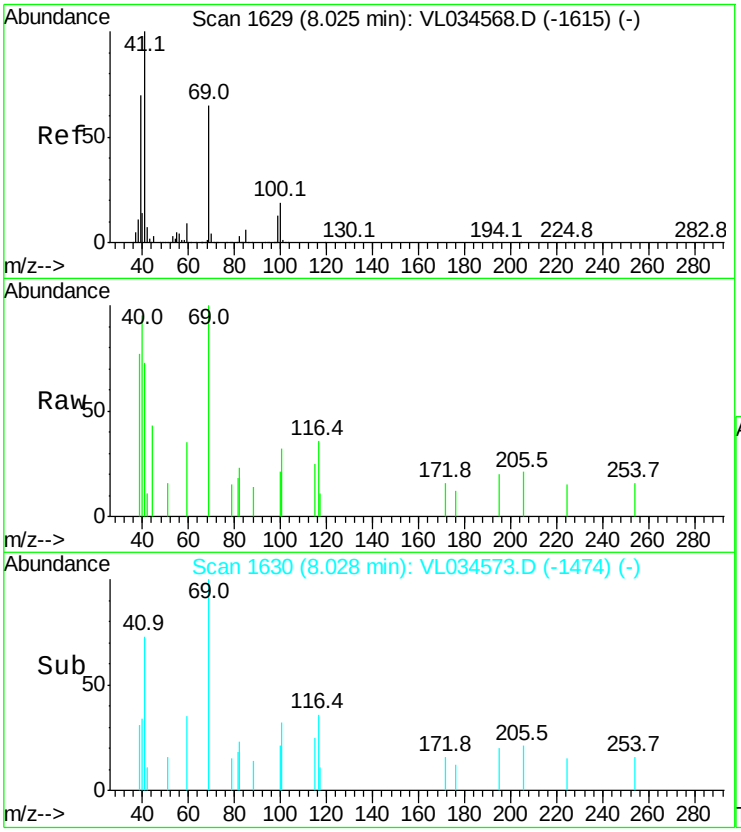


#42
Bromodichloromethane
Concen: 0.023 ppbv
RT: 7.79 min Scan# 1557
Delta R.T. -0.01 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Tgt Ion: 83 Resp: 4402

Ion	Ratio	Lower	Upper
83	100		
85	50.4	49.4	74.2
127	0.0	6.2	9.4#



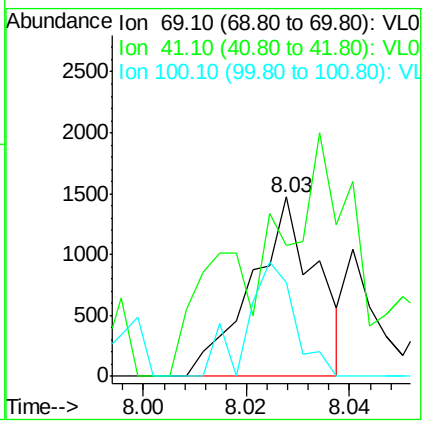


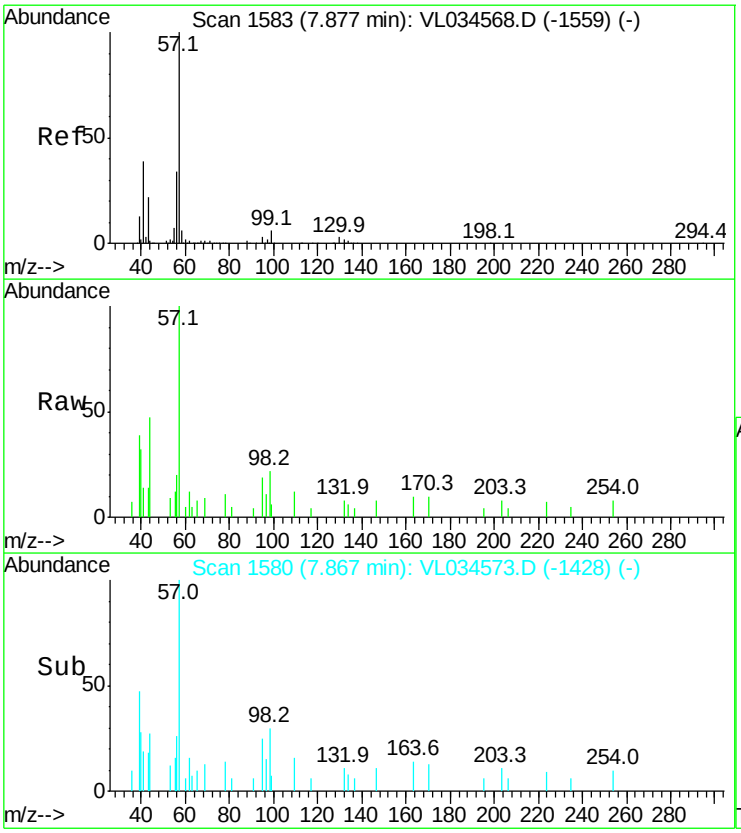
#43
Methyl Methacrylate
Concen: 0.016 ppbv
RT: 8.03 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Tgt Ion: 69 Resp: 1273

Ion	Ratio	Lower	Upper
69	100		
41	0.0	124.0	186.0#
100	40.9	23.1	34.7#

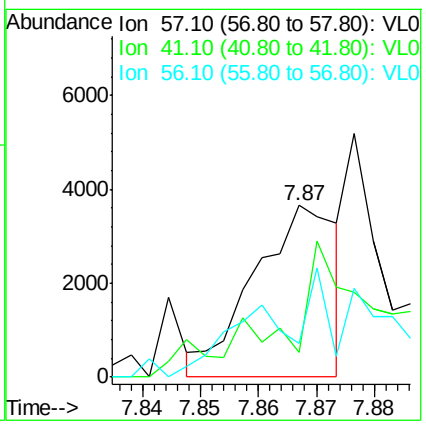


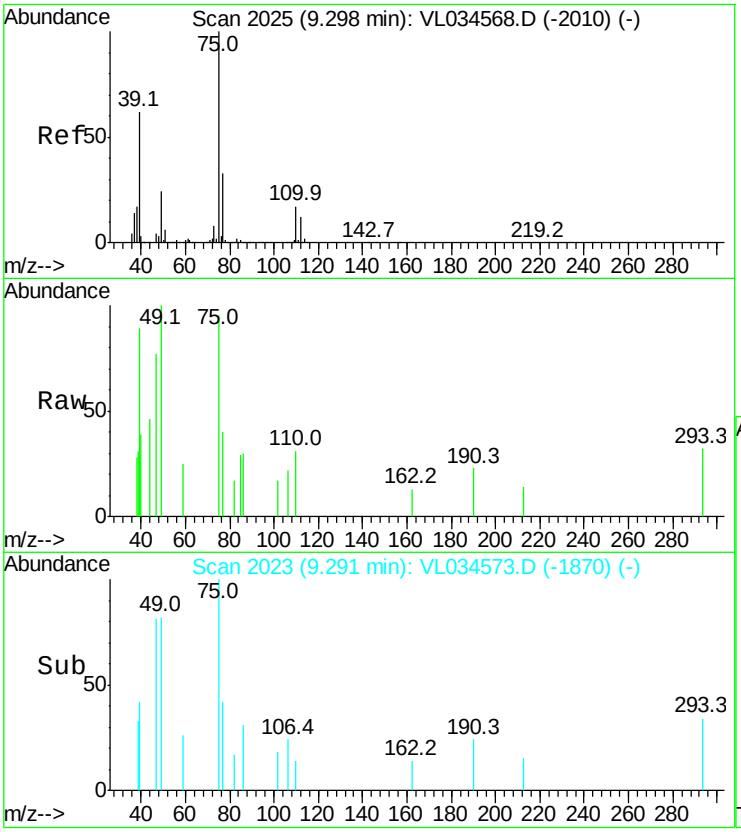


#44
2,2,4-Trimethylpentane
Concen: 0.010 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. -0.01 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Tgt Ion: 57 Resp: 3613

Ion	Ratio	Lower	Upper
57	100		
41	112.1	29.0	43.4#
56	96.0	24.9	37.3#



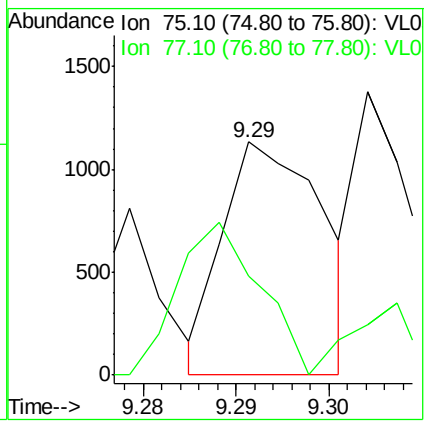


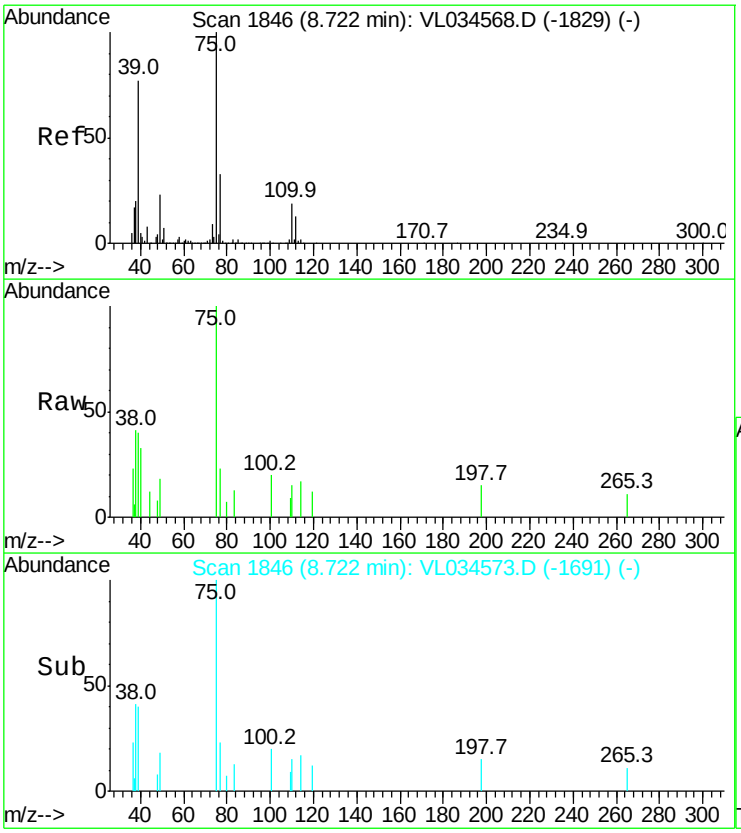
#45
t-1,3-Dichloropropene
Concen: 0.008 ppbv
RT: 9.29 min Scan# 2023
Delta R.T. -0.01 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Tgt Ion: 75 Resp: 850

Ion	Ratio	Lower	Upper
75	100		
77	42.3	24.2	36.2#

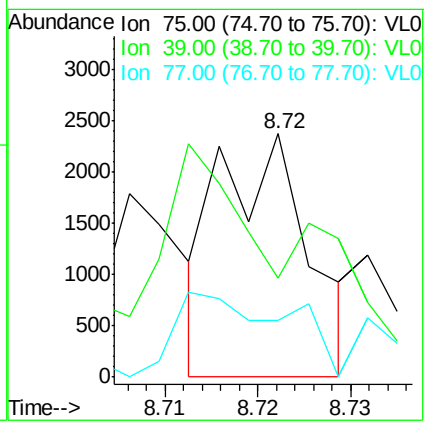


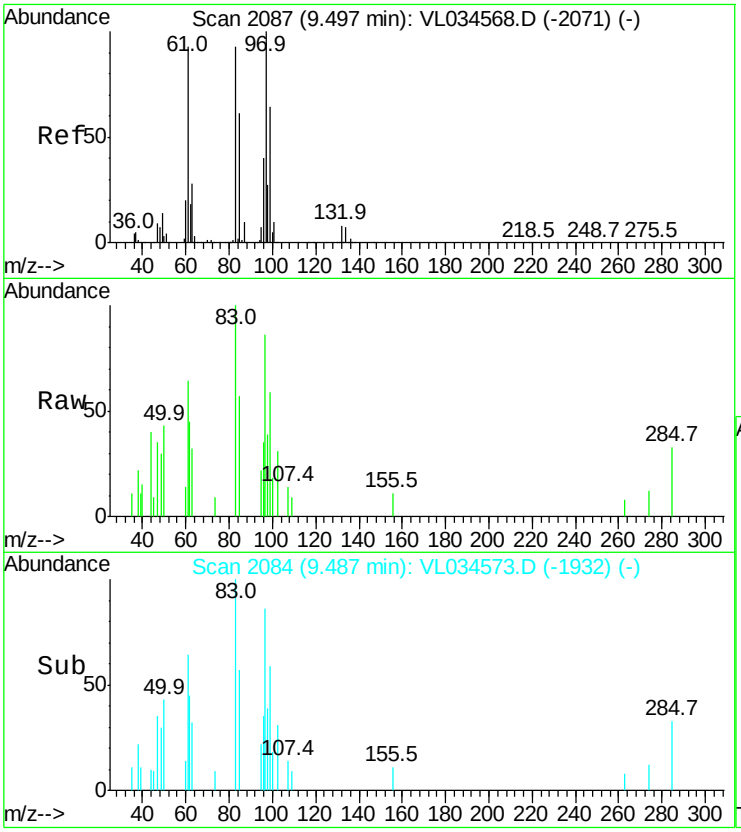


#46
cis-1,3-Dichloropropene
Concen: 0.013 ppbv
RT: 8.72 min Scan# 1846
Delta R.T. -0.00 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Tgt Ion: 75 Resp: 1570

Ion	Ratio	Lower	Upper
75	100		
39	0.0	60.5	90.7#
77	38.3	24.8	37.2#



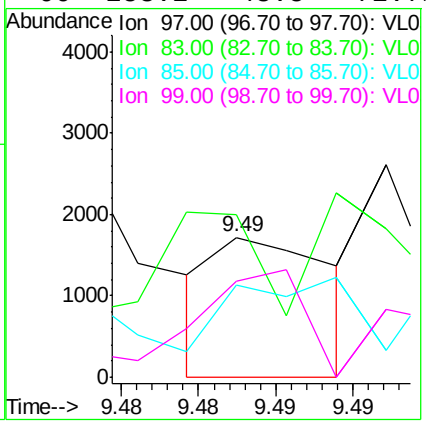


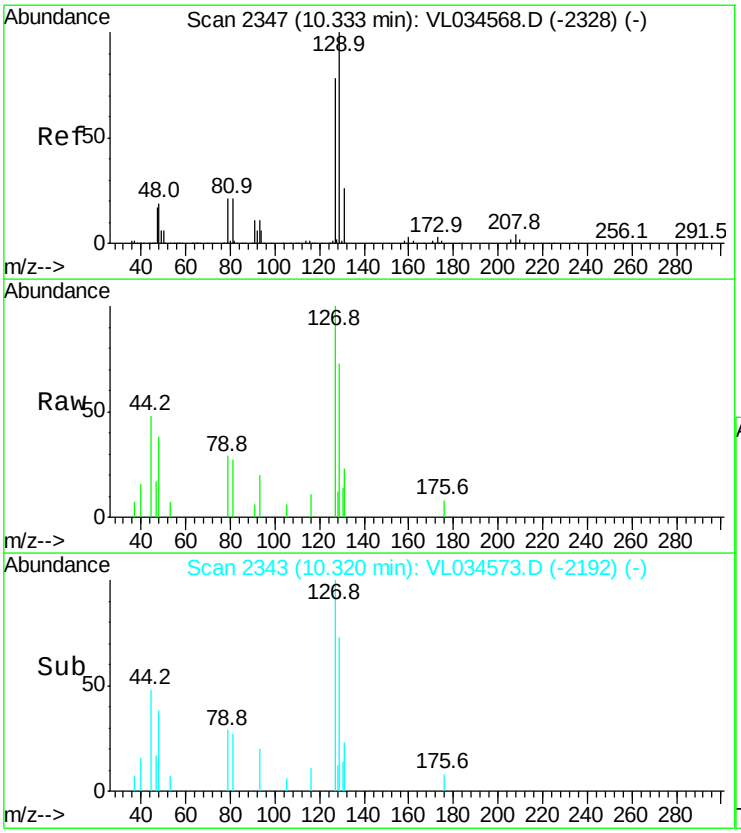
#47
1,1,2-Trichloroethane
Concen: 0.010 ppbv
RT: 9.49 min Scan# 2084
Delta R.T. -0.01 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 97 Resp: 899

Ion	Ratio	Lower	Upper
97	100		
83	0.0	75.0	112.4#
85	178.5	48.2	72.4#
99	253.2	48.5	72.7#

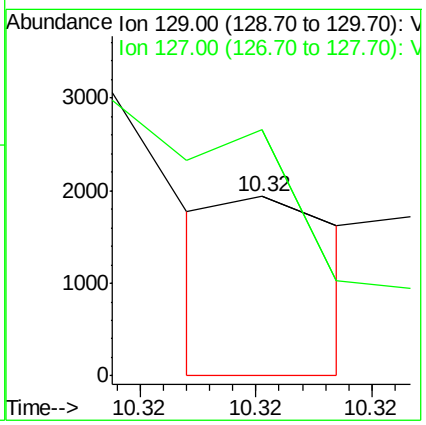


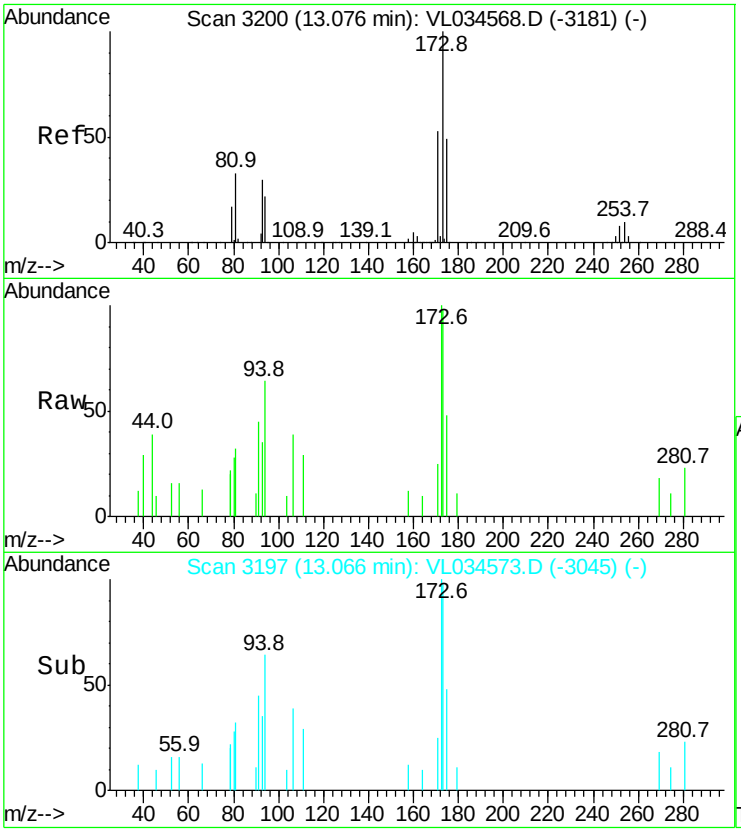


#48
Dibromochloromethane
Concen: 0.004 ppbv
RT: 10.32 min Scan# 2343
Delta R.T. -0.01 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Tgt Ion:129 Resp: 686

Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.4	118.2#



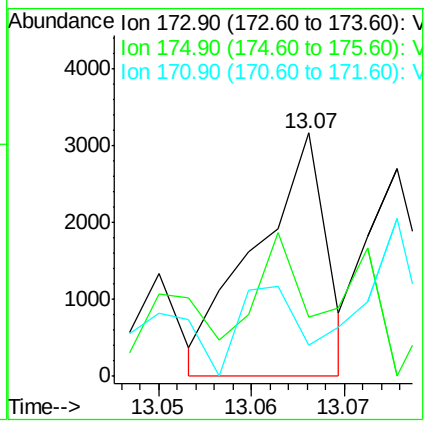


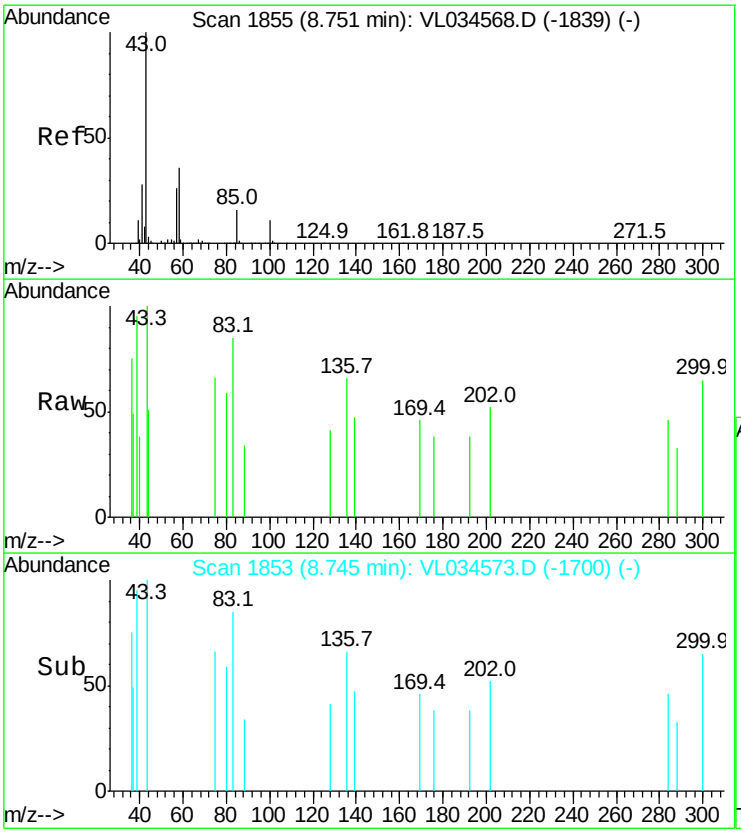
#49
Bromoform
Concen: 0.012 ppbv
RT: 13.07 min Scan# 3197
Delta R.T. -0.01 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Tgt Ion:173 Resp: 1675

Ion	Ratio	Lower	Upper
173	100		
175	130.4	39.8	59.8#
171	0.0	42.1	63.1#

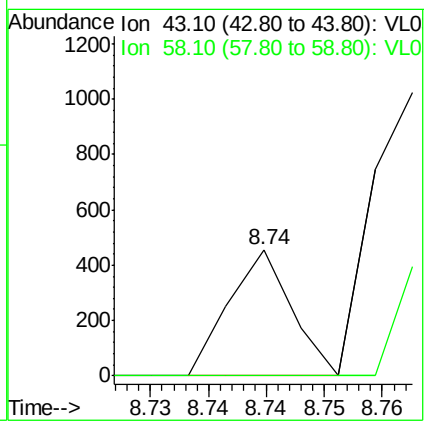


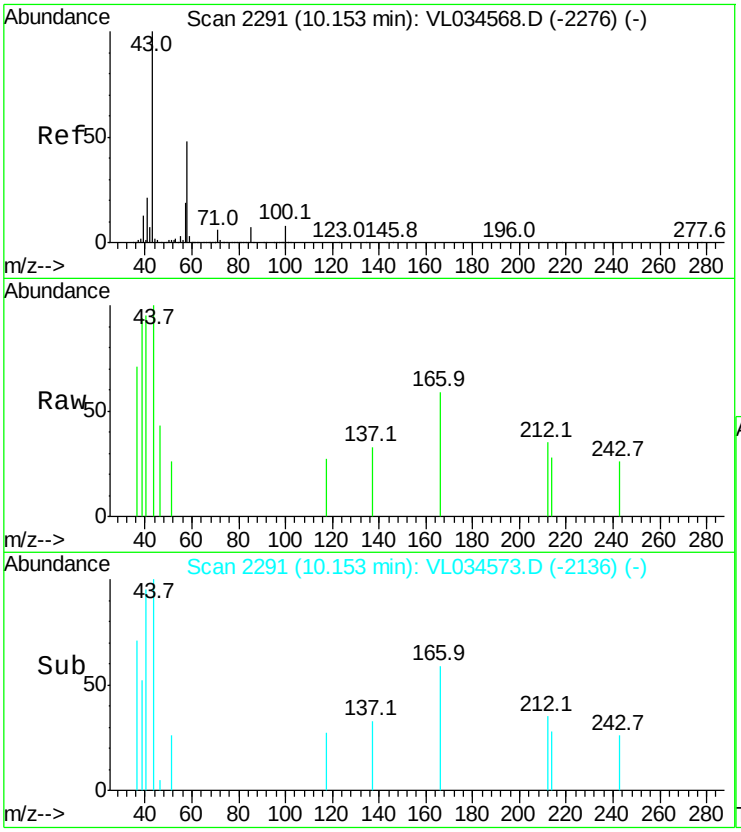


#50
4-Methyl-2-Pentanone
Concen: 0.001 ppbv
RT: 8.74 min Scan# 1853
Delta R.T. -0.01 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Tgt Ion: 43 Resp: 170

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.2	42.2#



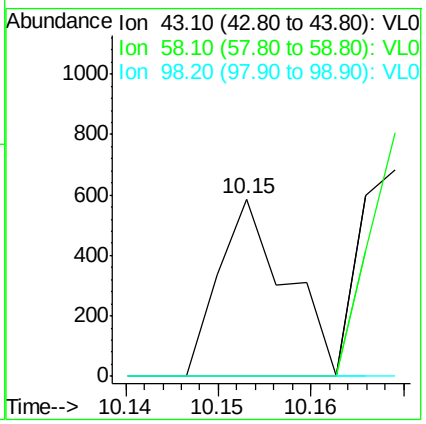


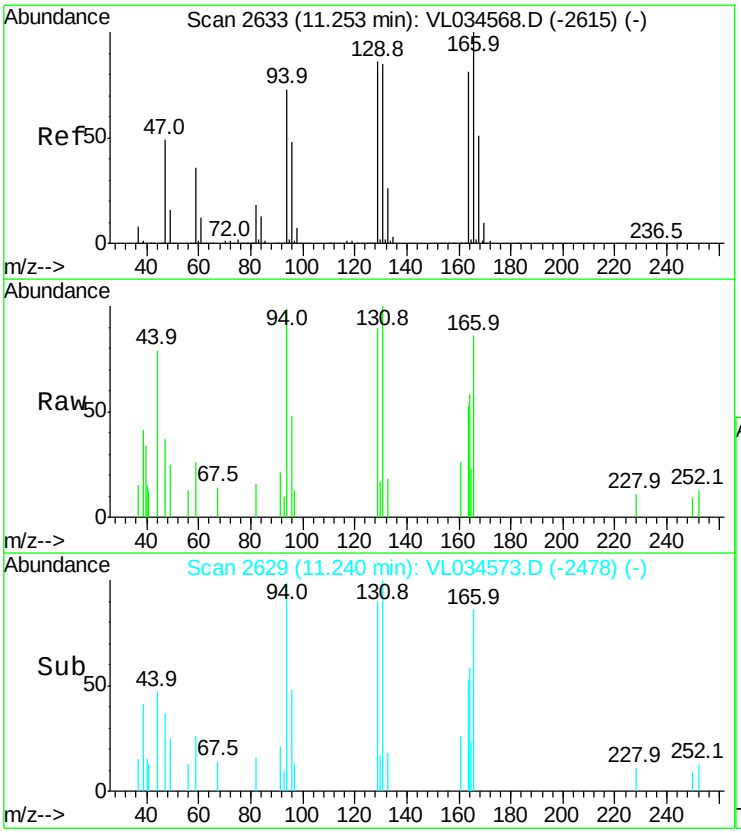
#51
2-Hexanone
Concen: 0.002 ppbv
RT: 10.15 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Tgt Ion: 43 Resp: 296

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

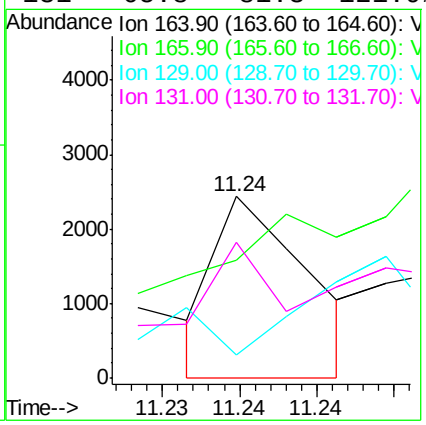


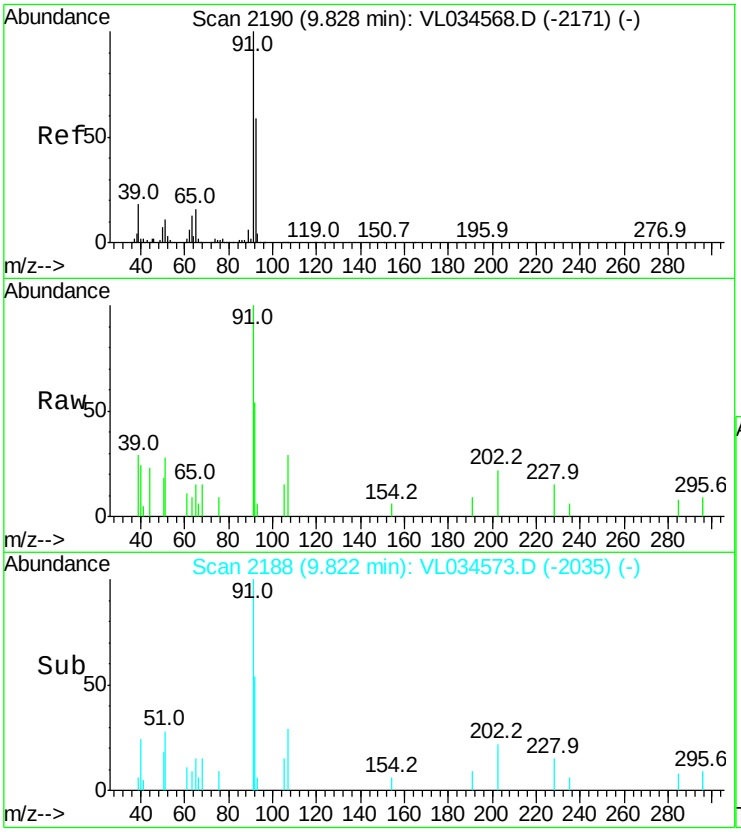


#52
Tetrachloroethene
Concen: 0.013 ppbv
RT: 11.24 min Scan# 2629
Delta R.T. -0.01 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Tgt Ion:164 Resp: 1009

Ion	Ratio	Lower	Upper
164	100		
166	11.7	95.7	143.5#
129	0.0	82.2	123.2#
131	65.8	81.3	121.9#



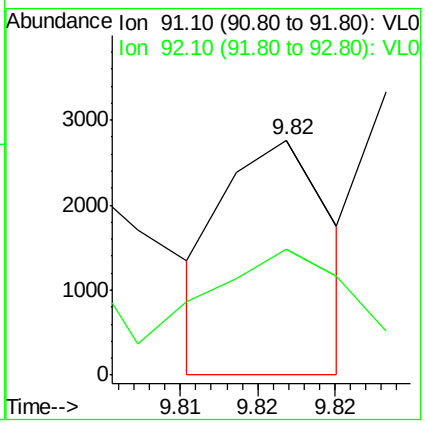


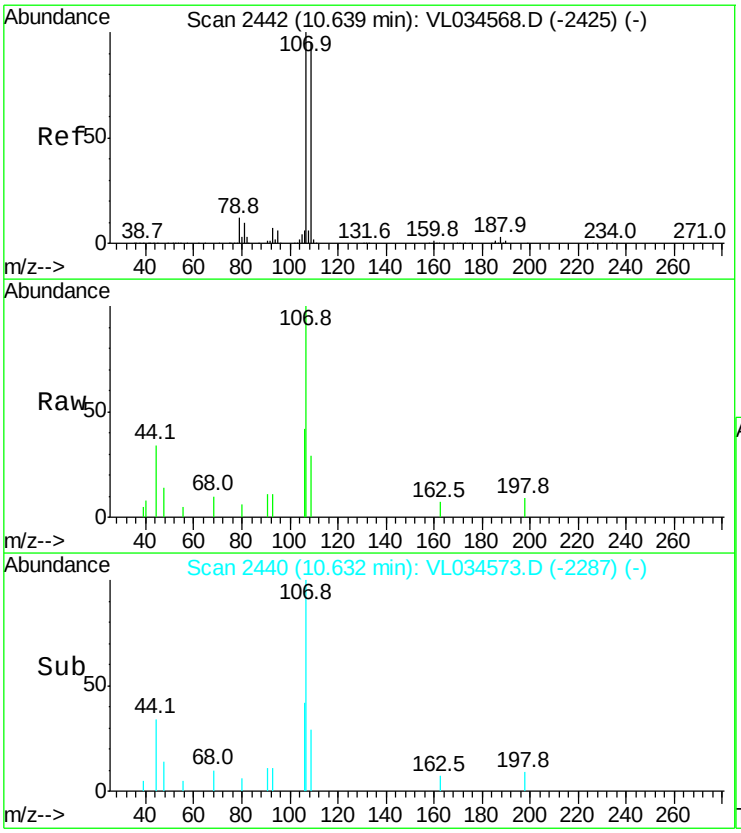
#53
Toluene
Concen: 0.006 ppbv
RT: 9.82 min Scan# 2188
Delta R.T. -0.01 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Tgt Ion: 91 Resp: 1330

Ion	Ratio	Lower	Upper
91	100		
92	0.0	48.4	72.6#

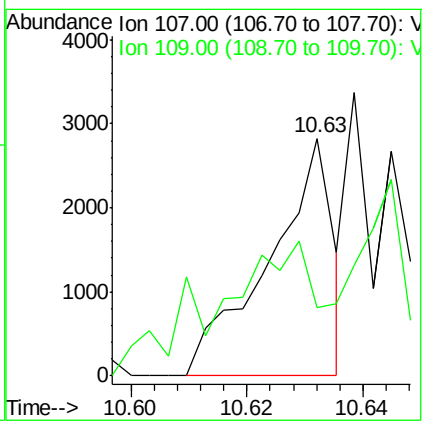


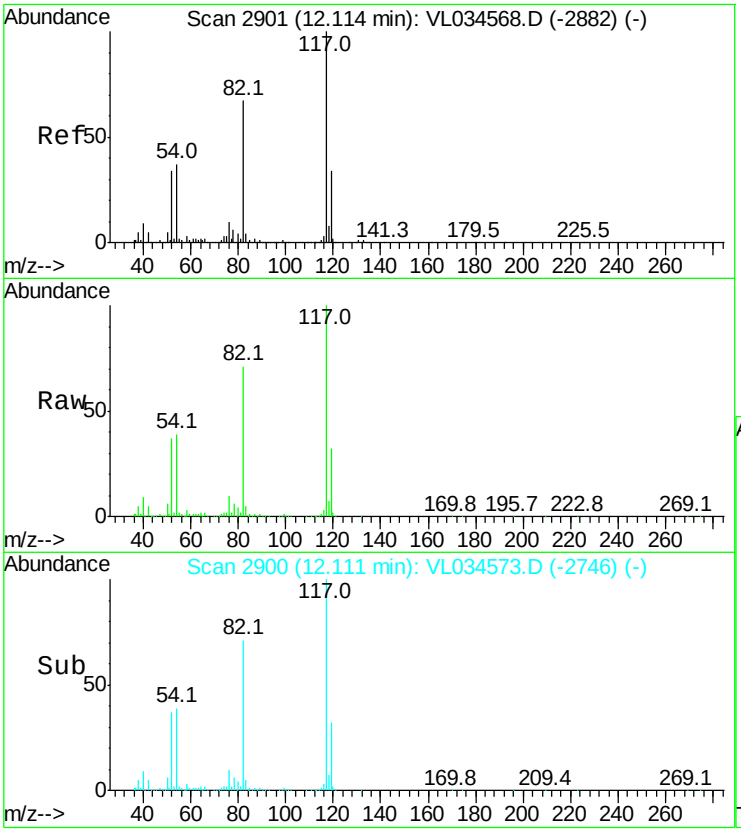


#54
1,2-Dibromoethane
Concen: 0.017 ppbv
RT: 10.63 min Scan# 2440
Delta R.T. -0.01 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Tgt Ion:107 Resp: 2159

Ion	Ratio	Lower	Upper
107	100		
109	0.0	75.5	113.3#



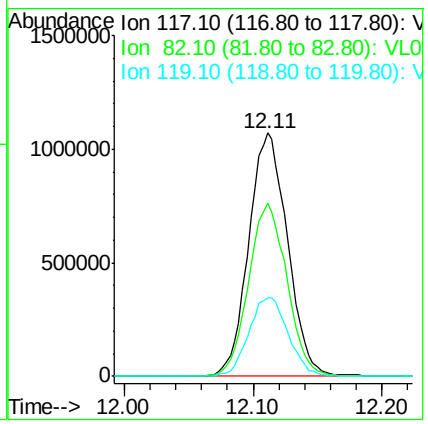


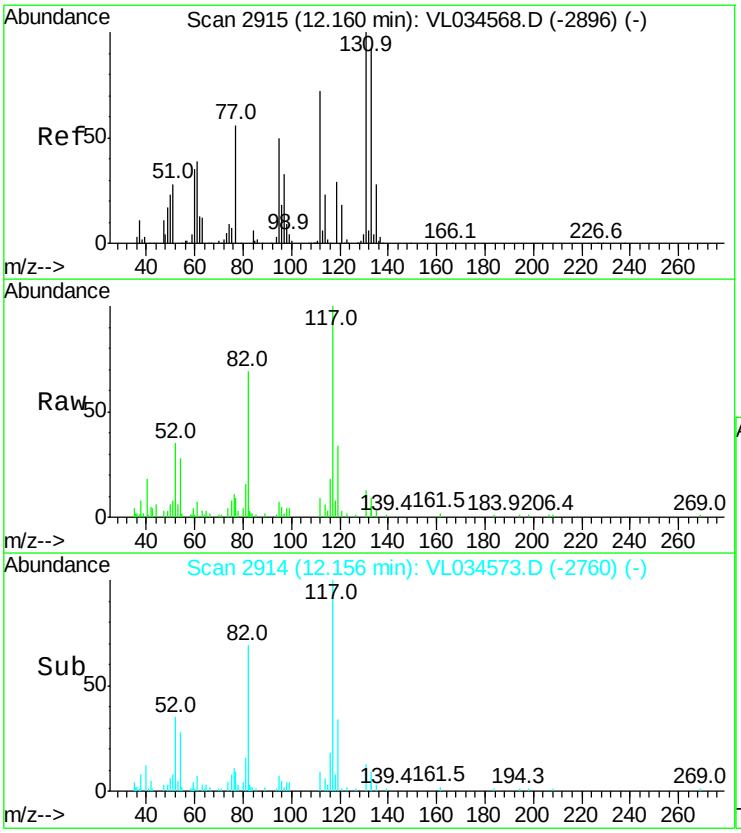
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. -0.00 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion:117 Resp: 2242606

Ion	Ratio	Lower	Upper
117	100		
82	70.5	56.2	84.4
119	33.2	27.1	40.7

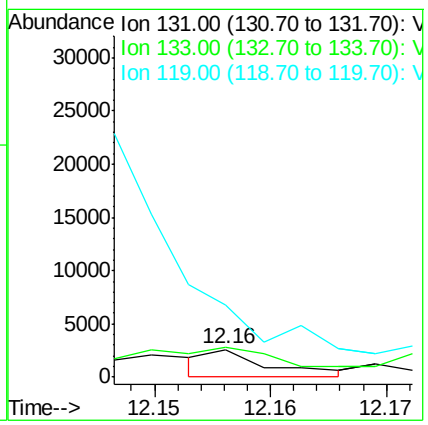


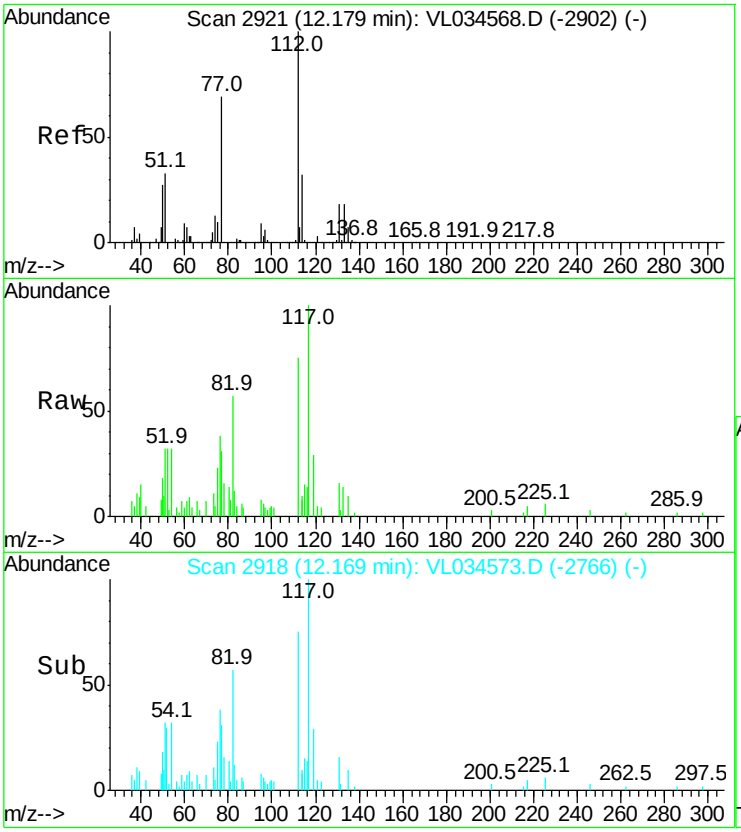


#56
1,1,1,2-Tetrachloroethane
Concen: 0.009 ppbv
RT: 12.16 min Scan# 2914
Delta R.T. -0.00 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Tgt Ion:131 Resp: 964

Ion	Ratio	Lower	Upper
131	100		
133	507.5	76.2	114.2#
119	0.0	47.1	70.7#



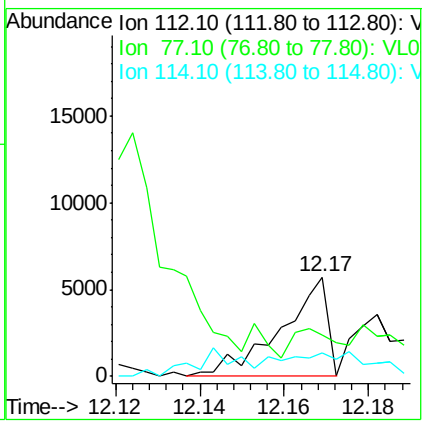


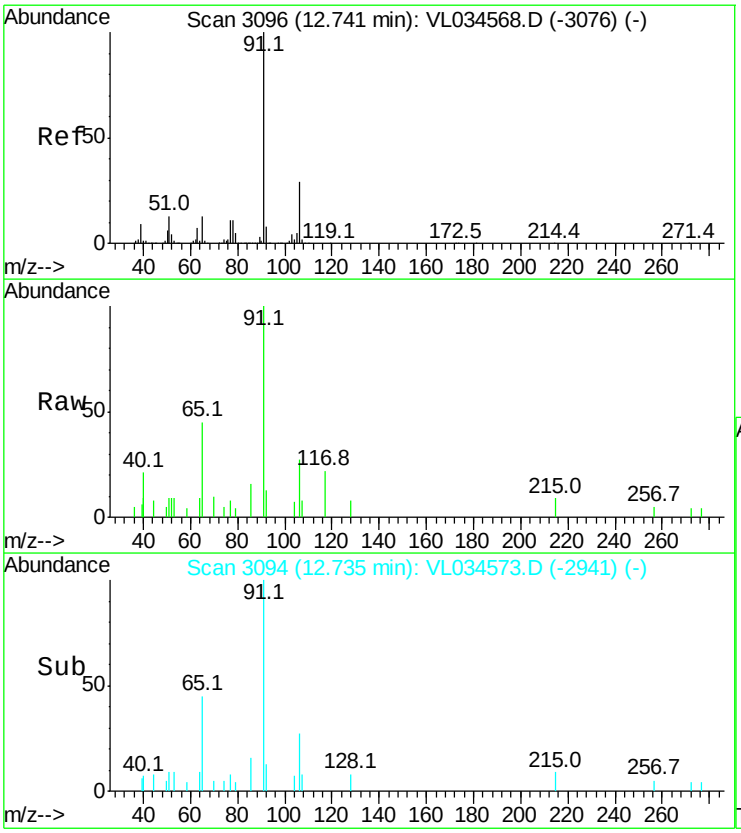
#57
Chlorobenzene
Concen: 0.023 ppbv
RT: 12.17 min Scan# 2918
Delta R.T. -0.01 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion:112 Resp: 4334

Ion	Ratio	Lower	Upper
112	100		
77	7.4	57.4	86.0#
114	30.4	28.4	34.8

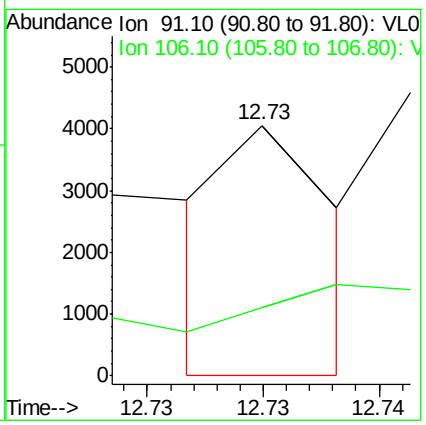


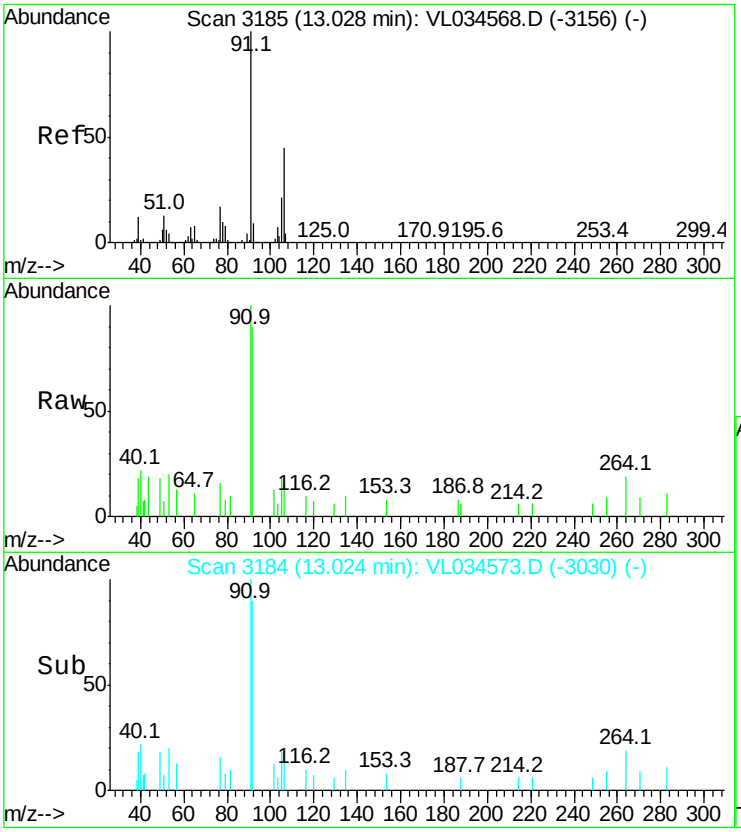


#58
Ethyl Benzene
Concen: 0.004 ppbv
RT: 12.73 min Scan# 3094
Delta R.T. -0.01 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Tgt Ion: 91 Resp: 1306

Ion	Ratio	Lower	Upper
91	100		
106	21.0	24.6	36.8#



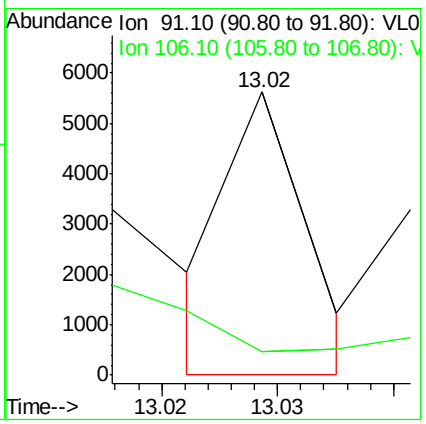


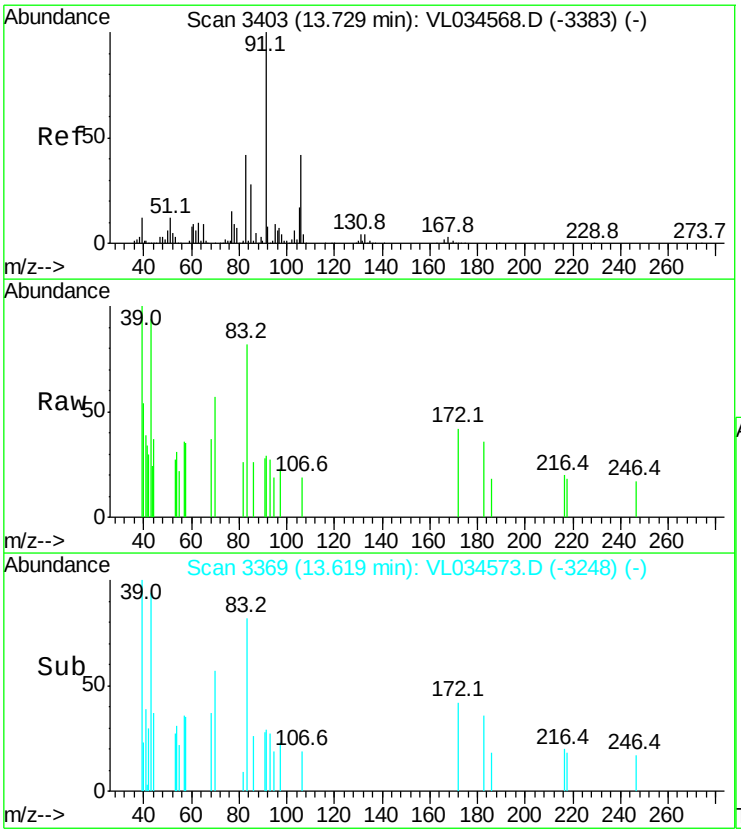
#59
m/p-Xylene
Concen: 0.005 ppbv
RT: 13.02 min Scan# 3184
Delta R.T. -0.00 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Tgt Ion: 91 Resp: 1321

Ion	Ratio	Lower	Upper
91	100		
106	0.0	35.6	53.4#

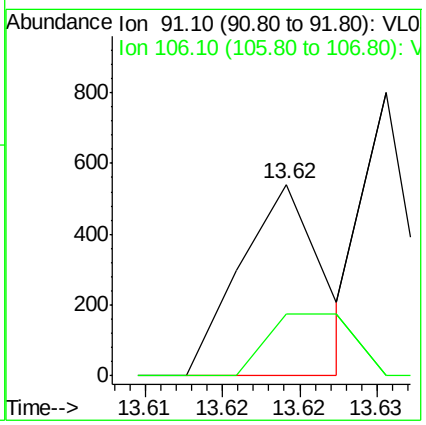


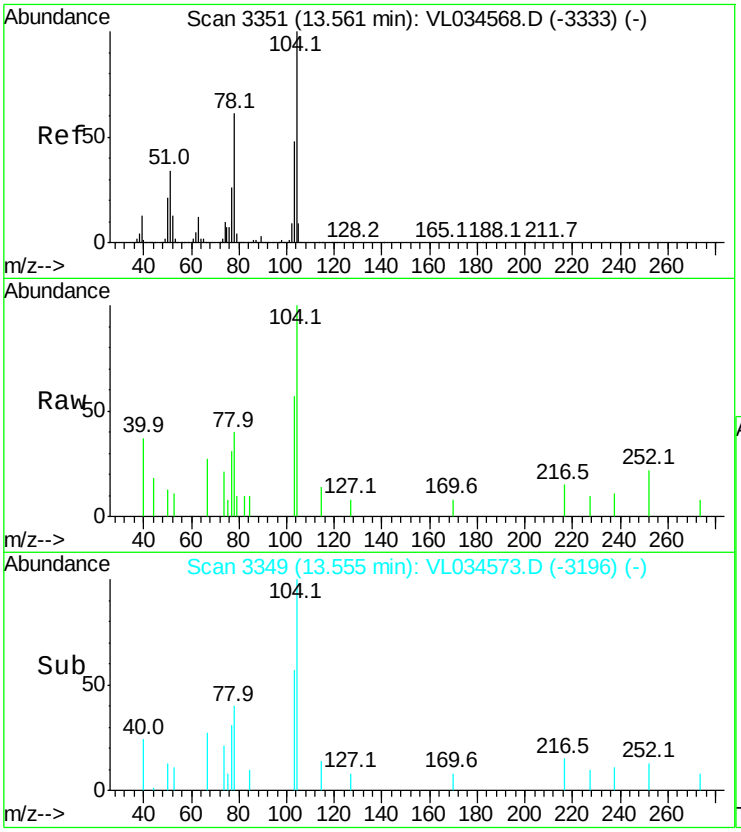


#60
o-Xylene
Concen: 0.001 ppbv
RT: 13.62 min Scan# 3369
Delta R.T. -0.11 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Tgt Ion: 91 Resp: 202

Ion	Ratio	Lower	Upper
91	100		
106	60.4	21.4	64.3



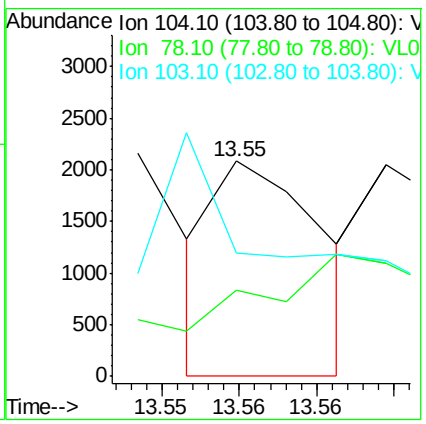


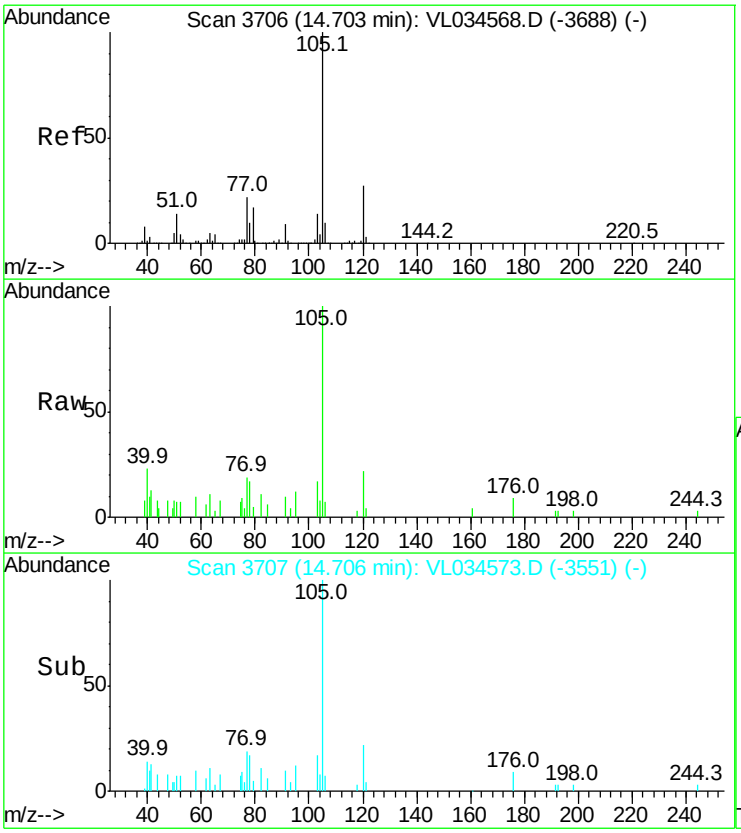
#61
Styrene
Concen: 0.005 ppbv
RT: 13.55 min Scan# 3349
Delta R.T. -0.01 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion:104 Resp: 994

Ion	Ratio	Lower	Upper
104	100		
78	0.0	47.7	71.5#
103	255.8	38.6	58.0#

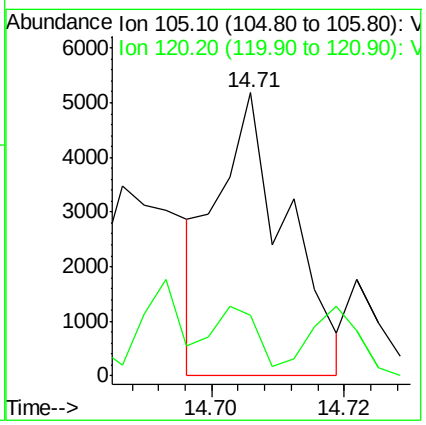


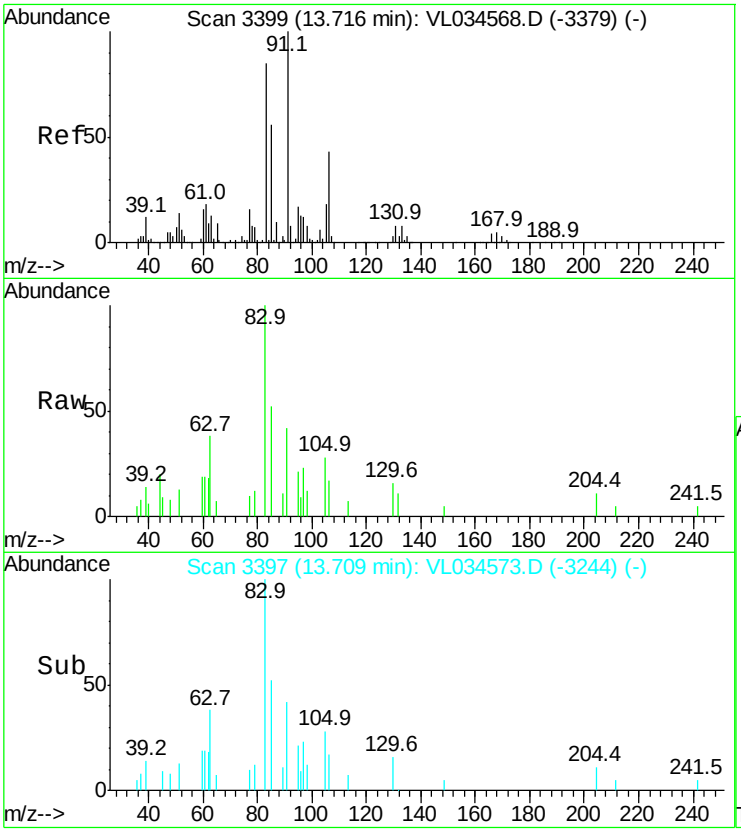


#62
Isopropylbenzene
Concen: 0.011 ppbv
RT: 14.71 min Scan# 3707
Delta R.T. 0.00 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Tgt Ion:105 Resp: 3812

Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.6	30.8#



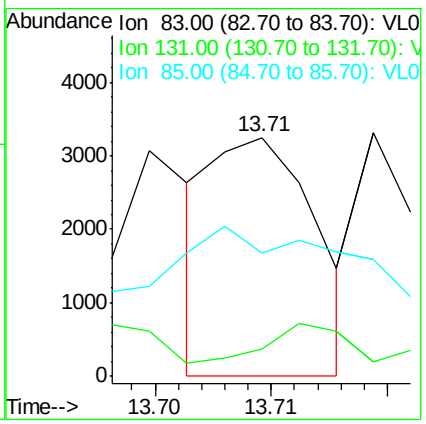


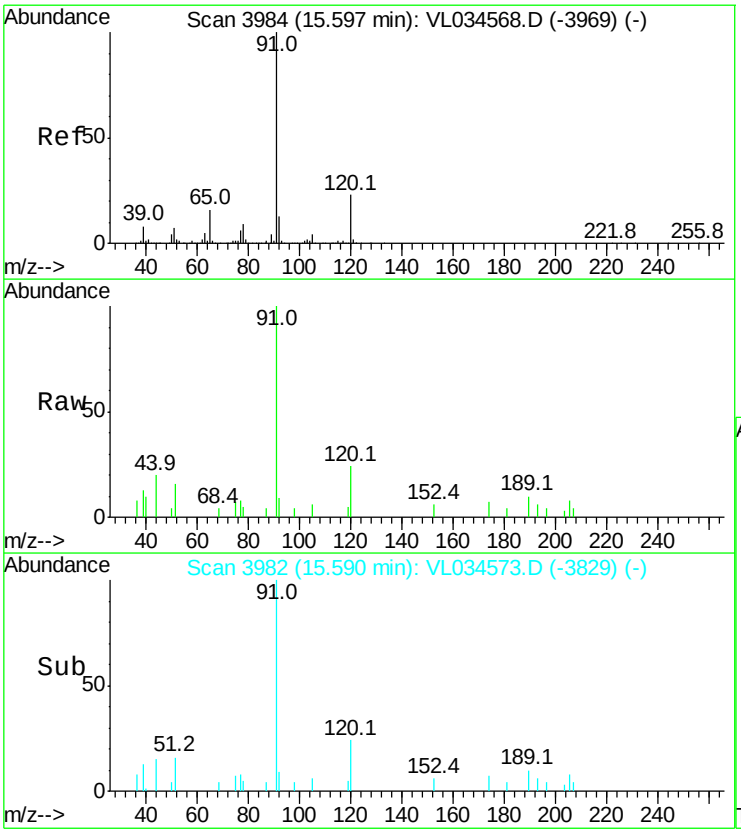
#63
1,1,2,2-Tetrachloroethane
Concen: 0.009 ppbv
RT: 13.71 min Scan# 3397
Delta R.T. -0.01 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 83 Resp: 2004

Ion	Ratio	Lower	Upper
83	100		
131	48.3	4.8	14.4#
85	254.8	32.5	97.4#

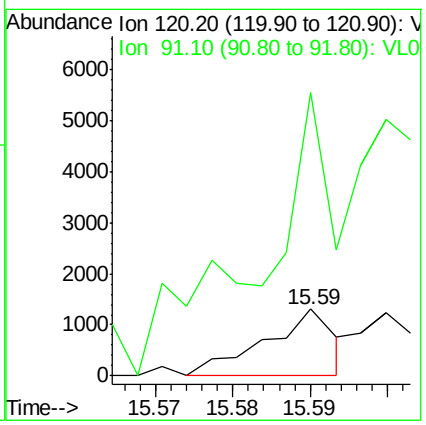


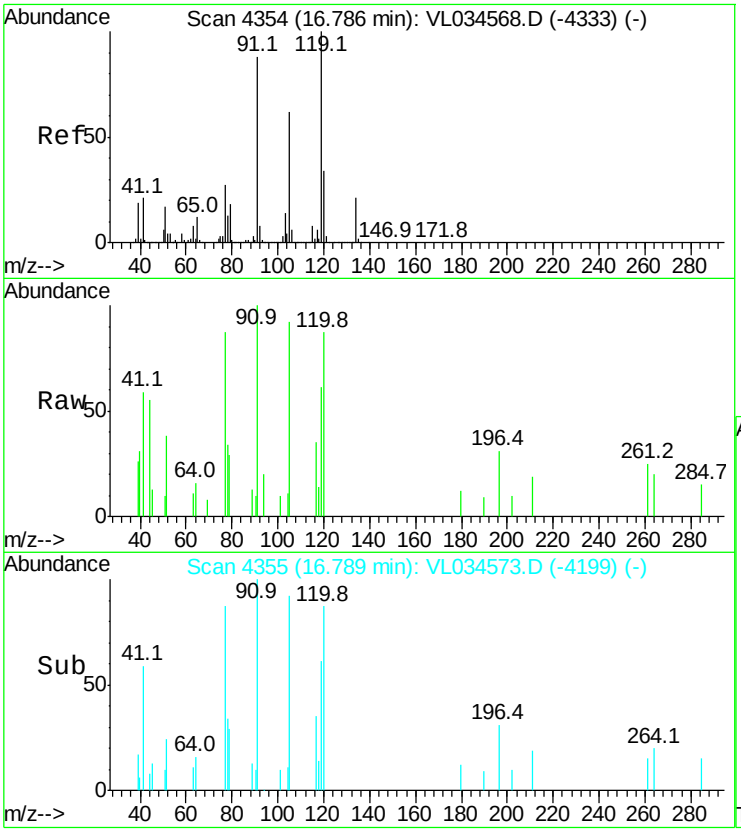


#64
n-propylbenzene
Concen: 0.009 ppbv
RT: 15.59 min Scan# 3982
Delta R.T. -0.01 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Tgt Ion:120 Resp: 813

Ion	Ratio	Lower	Upper
120	100		
91	1295.8	375.6	563.4#



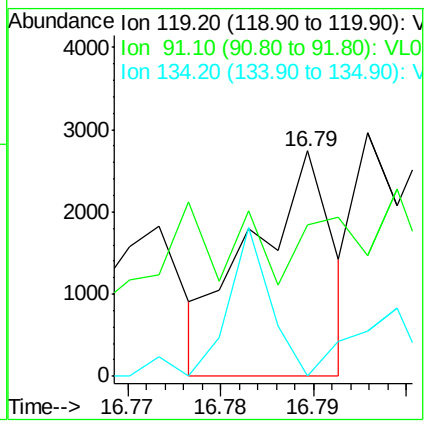


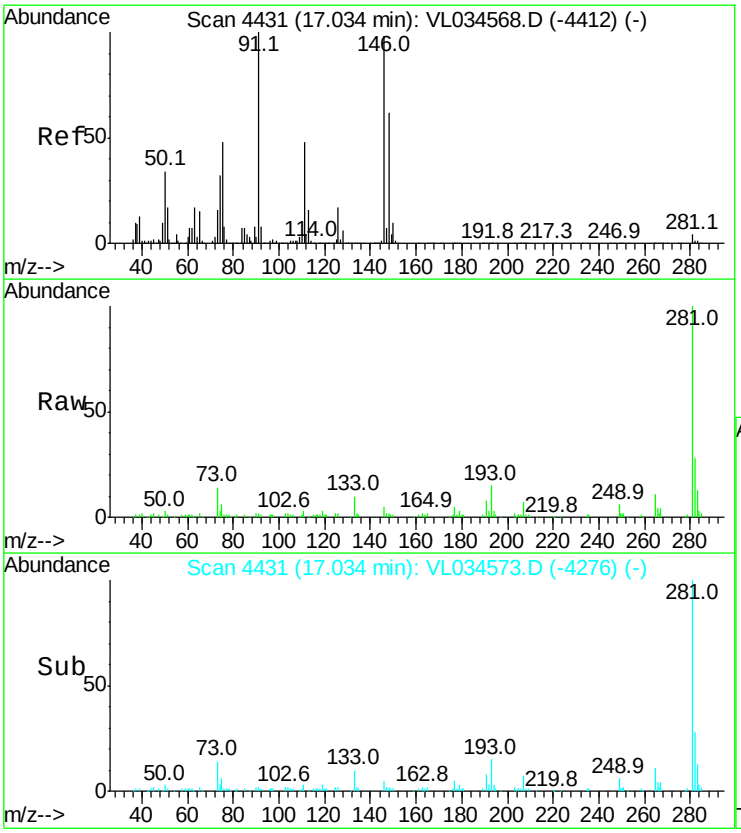
#65
tert-Butylbenzene
Concen: 0.005 ppbv
RT: 16.79 min Scan# 4355
Delta R.T. 0.00 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Tgt Ion:119 Resp: 1643

Ion	Ratio	Lower	Upper
119	100		
91	0.0	72.0	108.0#
134	63.4	16.1	24.1#

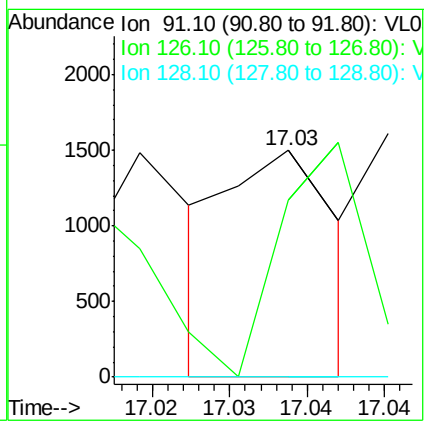


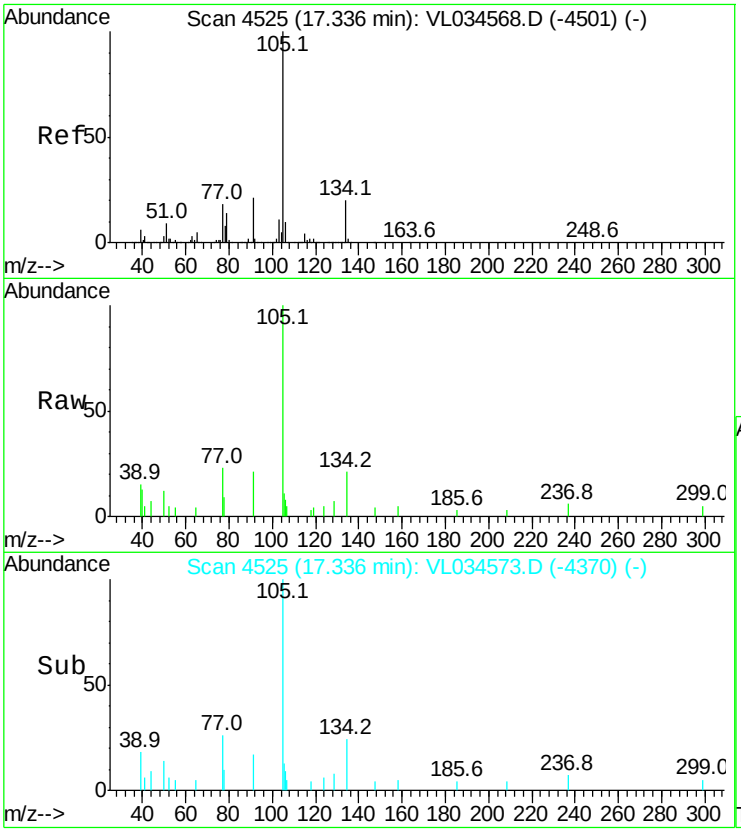


#66
Benzyl Chloride
Concen: 0.005 ppbv
RT: 17.03 min Scan# 4431
Delta R.T. -0.00 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Tgt Ion: 91 Resp: 734

Ion	Ratio	Lower	Upper
91	100		
126	0.0	13.1	19.7#
128	0.0	4.2	6.4#



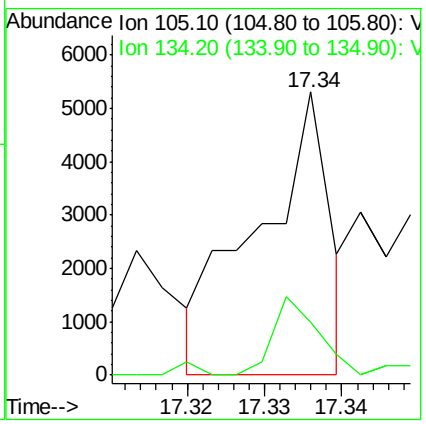


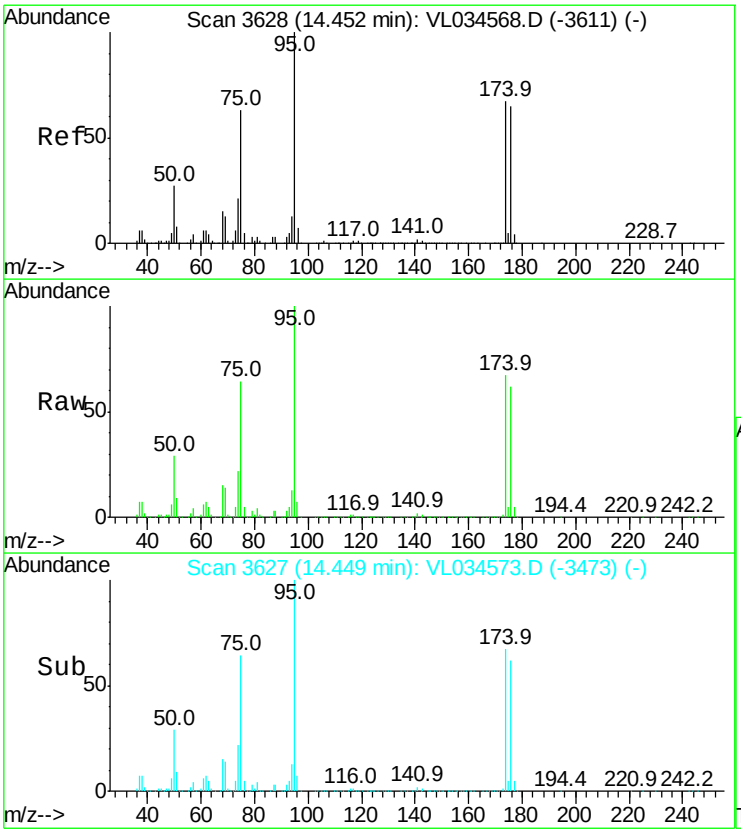
#67
sec-Butylbenzene
Concen: 0.008 ppbv
RT: 17.34 min Scan# 4525
Delta R.T. -0.00 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Tgt Ion:105 Resp: 3463

Ion	Ratio	Lower	Upper
105	100		
134	20.6	15.1	22.7

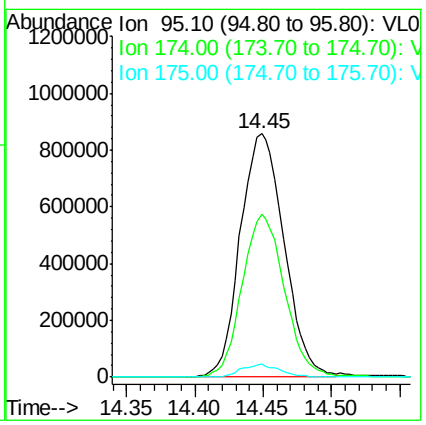


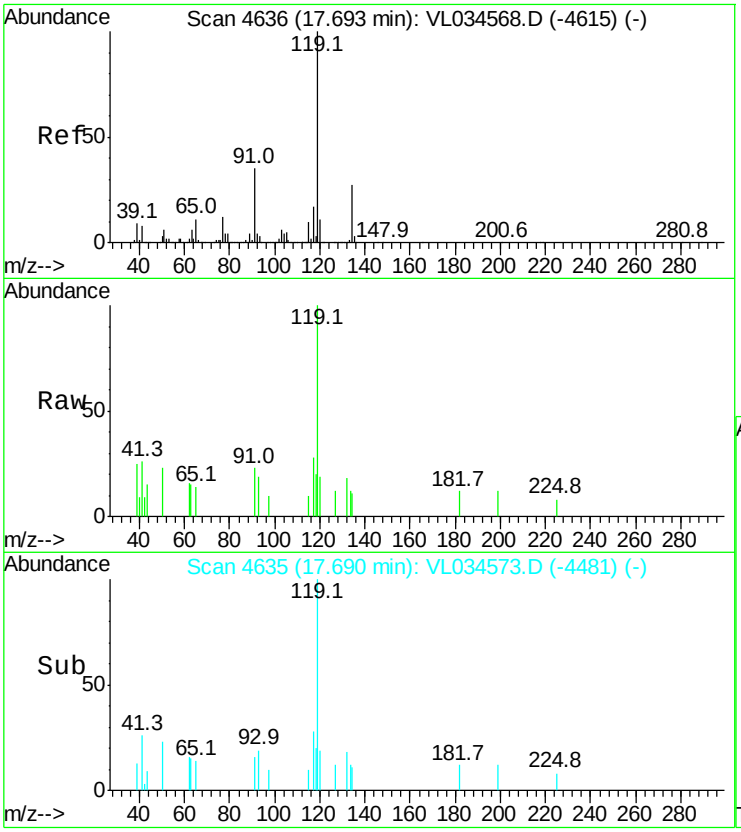


#68
1-Bromo-4-Fluorobenzene
Concen: 10.208 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. -0.00 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Tgt Ion: 95 Resp: 1910259

Ion	Ratio	Lower	Upper
95	100		
174	65.0	52.4	78.6
175	4.7	3.9	5.9



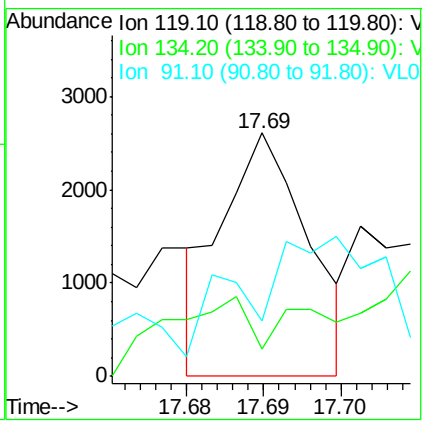


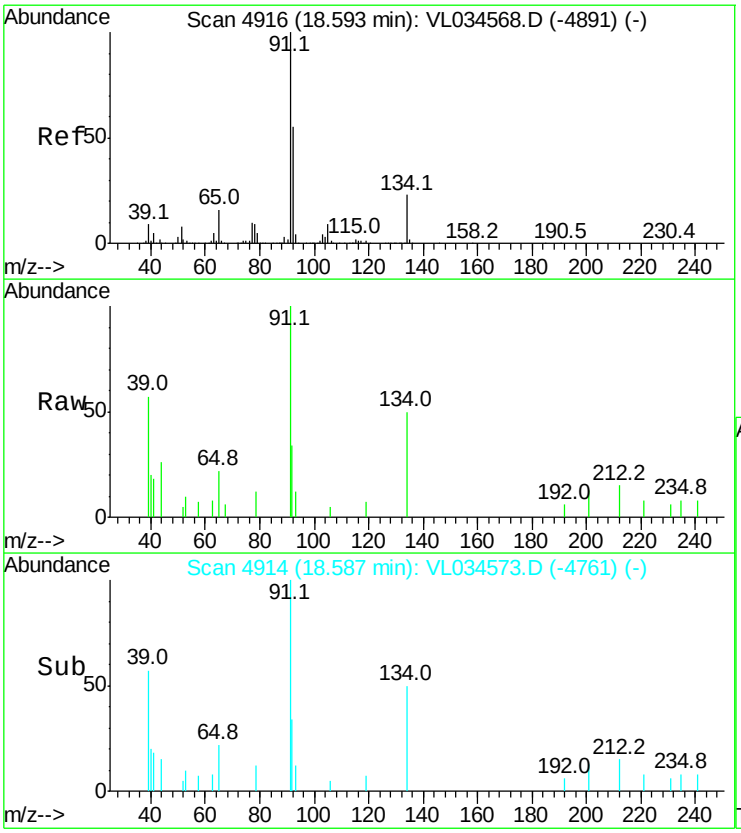
#69
p-Isopropyltoluene
Concen: 0.006 ppbv
RT: 17.69 min Scan# 4635
Delta R.T. -0.00 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion:119 Resp: 2015

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

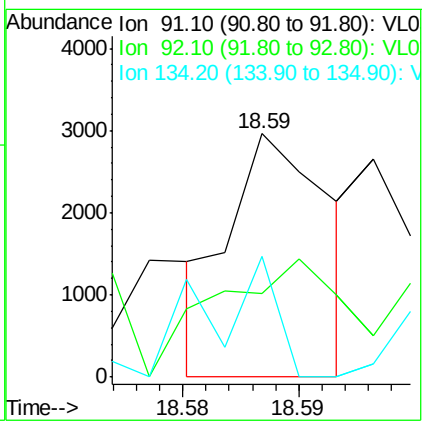


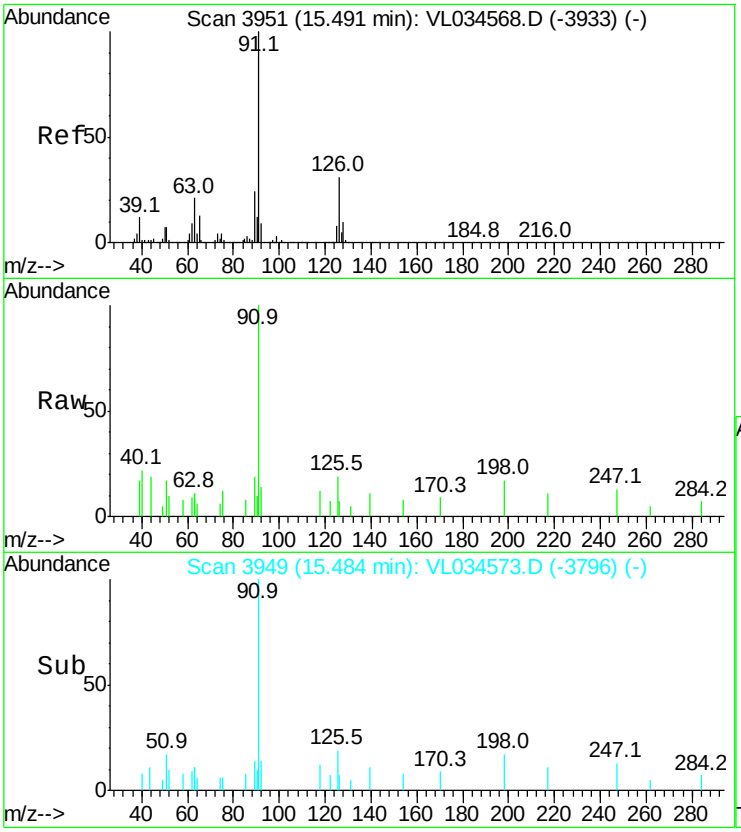


#70
n-Butylbenzene
Concen: 0.005 ppbv
RT: 18.59 min Scan# 4914
Delta R.T. -0.01 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Tgt Ion: 91 Resp: 1758

Ion	Ratio	Lower	Upper
91	100		
92	0.0	43.8	65.6#
134	37.4	18.0	27.0#



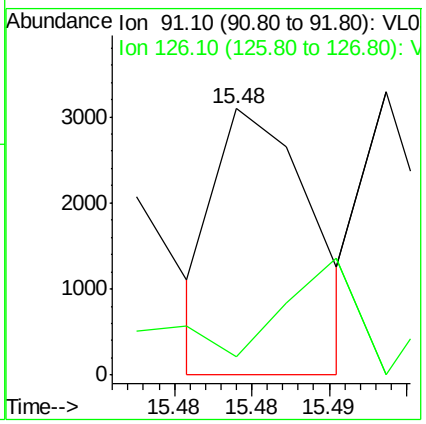


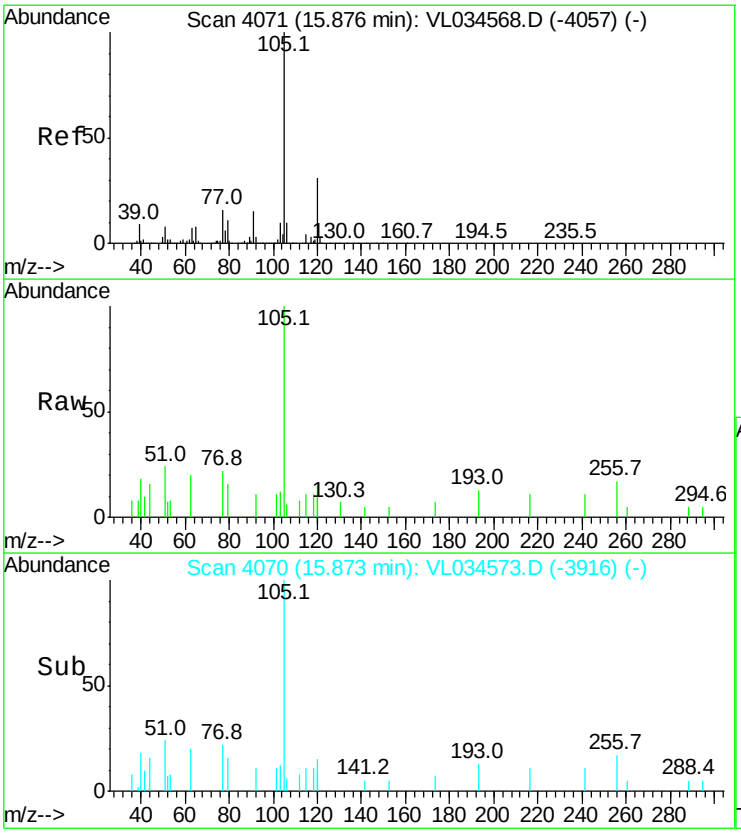
#71
2-Chlorotoluene
Concen: 0.005 ppbv
RT: 15.48 min Scan# 3949
Delta R.T. -0.01 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 91 Resp: 1348

Ion	Ratio	Lower	Upper
91	100		
126	0.0	12.0	47.8#

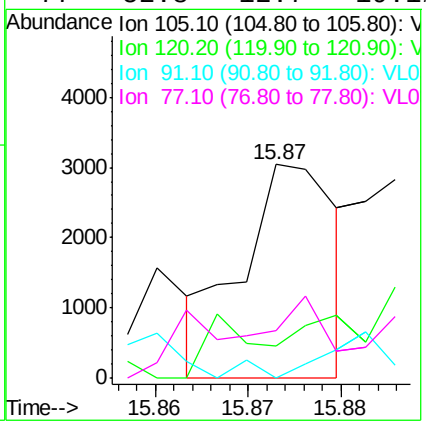


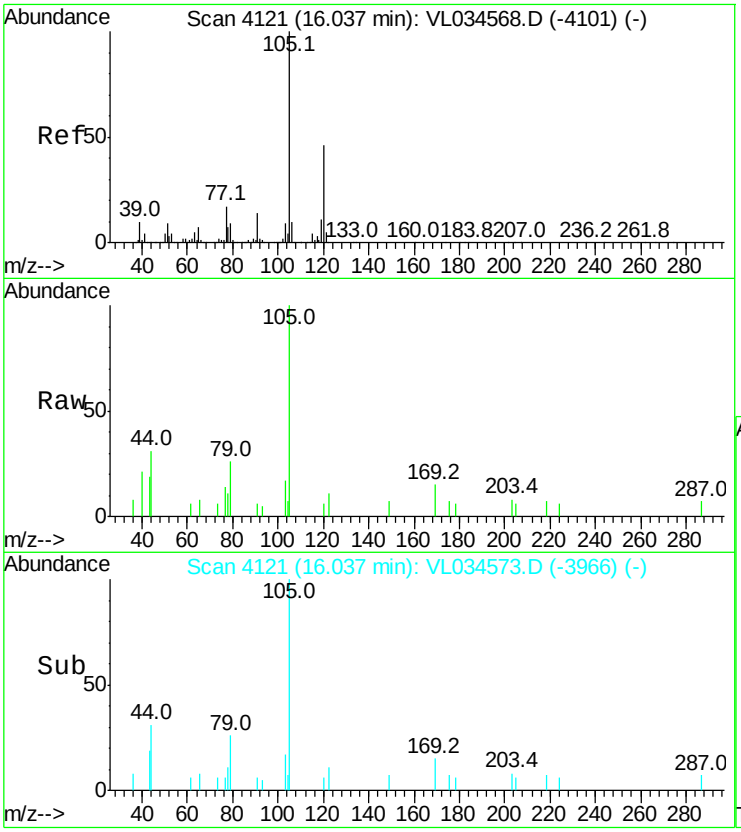


#72
4-Ethyltoluene
Concen: 0.007 ppbv
RT: 15.87 min Scan# 4070
Delta R.T. -0.00 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Tgt Ion:105 Resp: 2144

Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.7	35.5#
91	0.0	11.5	17.3#
77	52.8	12.7	19.1#



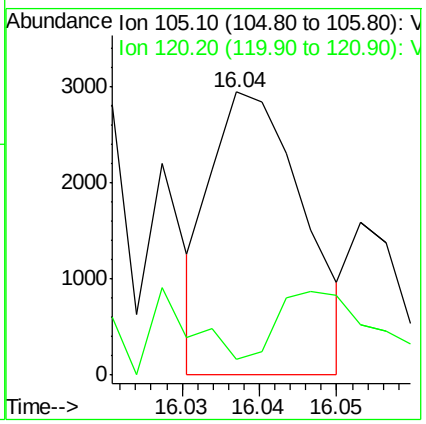


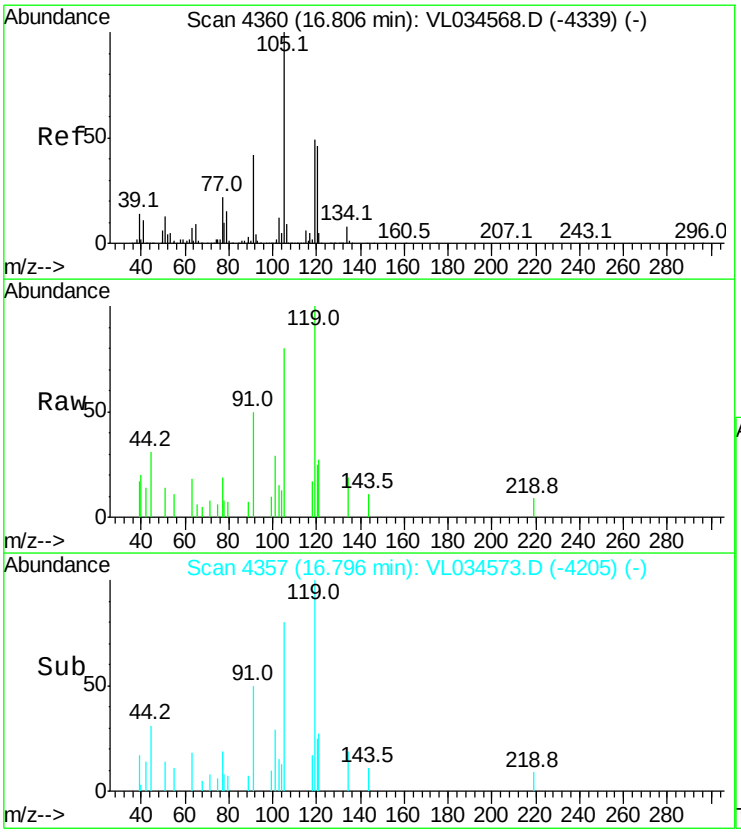
#73
1,3,5-Trimethylbenzene
Concen: 0.008 ppbv
RT: 16.04 min Scan# 4121
Delta R.T. -0.00 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion:105 Resp: 2450

Ion	Ratio	Lower	Upper
105	100		
120	0.0	34.6	52.0#

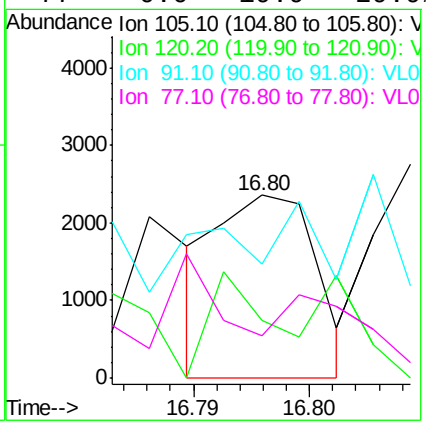


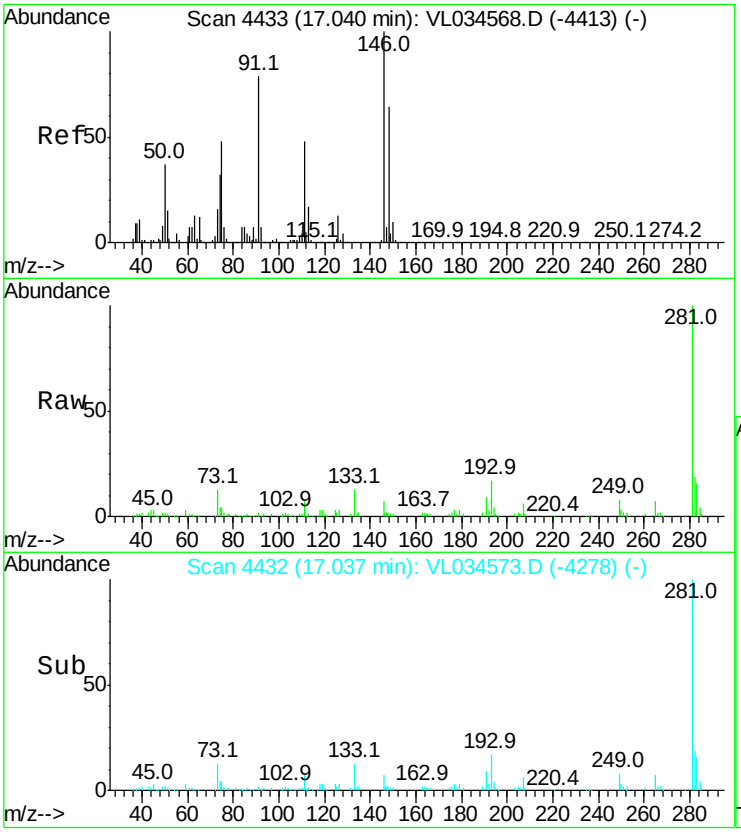


#74
1,2,4-Trimethylbenzene
Concen: 0.004 ppbv
RT: 16.80 min Scan# 4357
Delta R.T. -0.01 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Tgt Ion:105 Resp: 1397

Ion	Ratio	Lower	Upper
105	100		
120	43.3	36.7	55.1
91	11.3	44.0	66.0#
77	0.0	19.9	29.9#



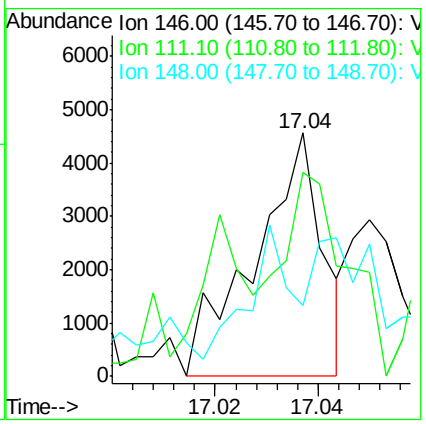


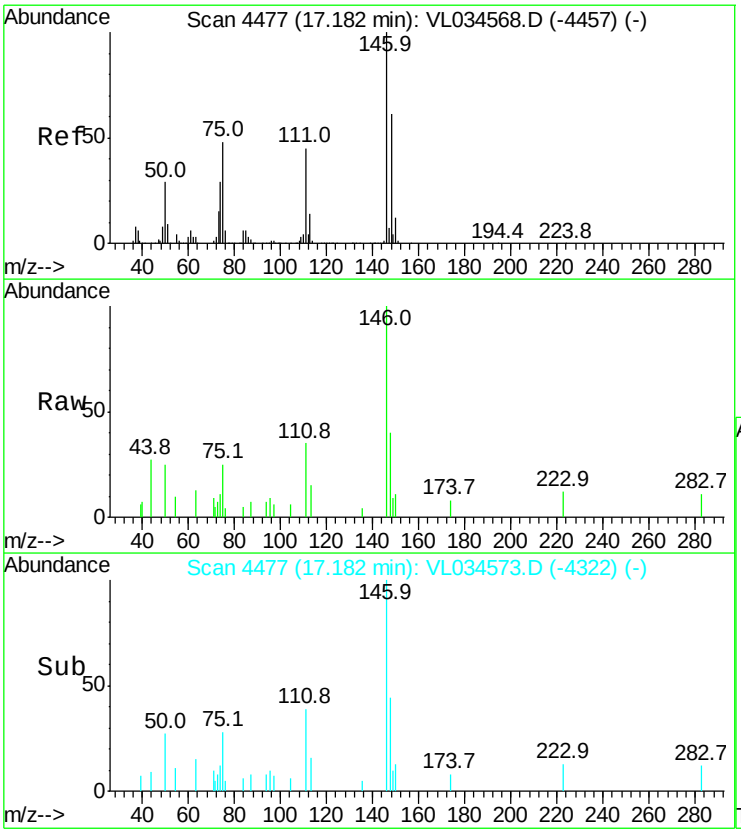
#75
1,3-Dichlorobenzene
Concen: 0.022 ppbv
RT: 17.04 min Scan# 4432
Delta R.T. -0.00 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Tgt Ion:146 Resp: 4154

Ion	Ratio	Lower	Upper
146	100		
111	175.5	25.1	75.3#
148	130.3	33.0	99.0#

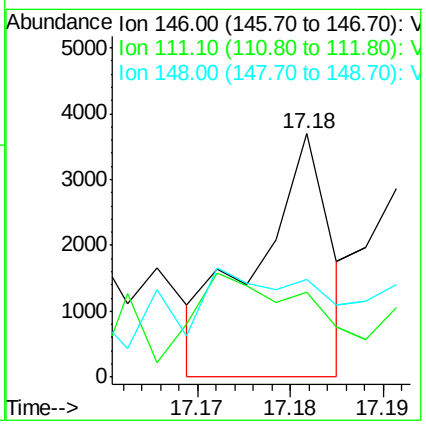


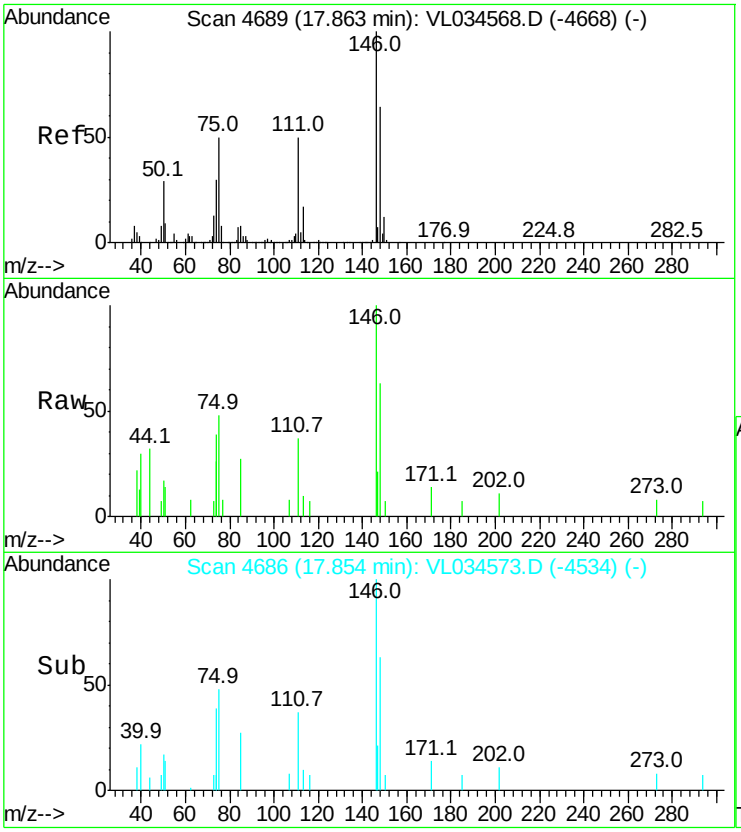


#76
1,4-Dichlorobenzene
Concen: 0.011 ppbv
RT: 17.18 min Scan# 4477
Delta R.T. -0.00 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Tgt Ion:146 Resp: 2042

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



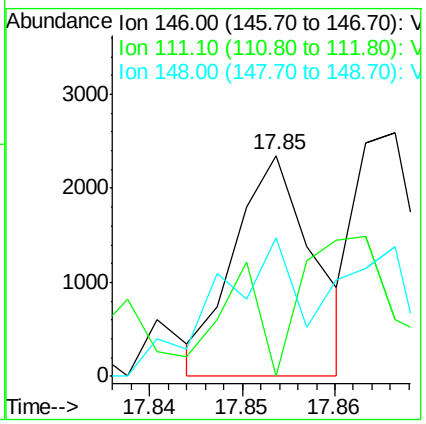


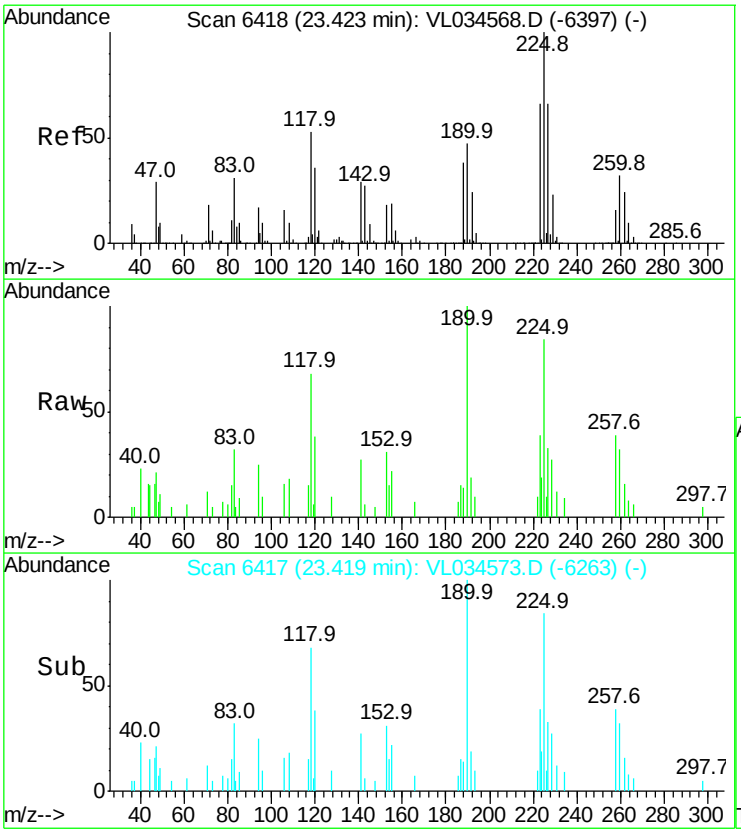
#77
1,2-Dichlorobenzene
Concen: 0.008 ppbv
RT: 17.85 min Scan# 4686
Delta R.T. -0.01 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion:146 Resp: 1392

Ion	Ratio	Lower	Upper
146	100		
111	0.0	25.3	75.8#
148	113.2	32.1	96.3#

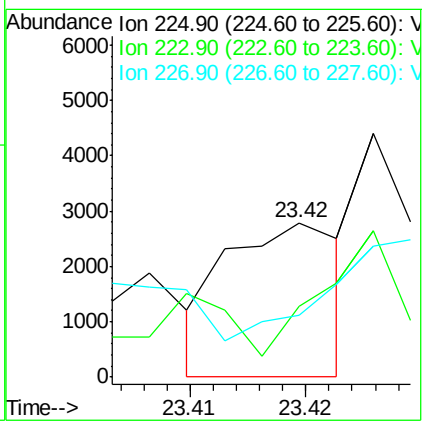


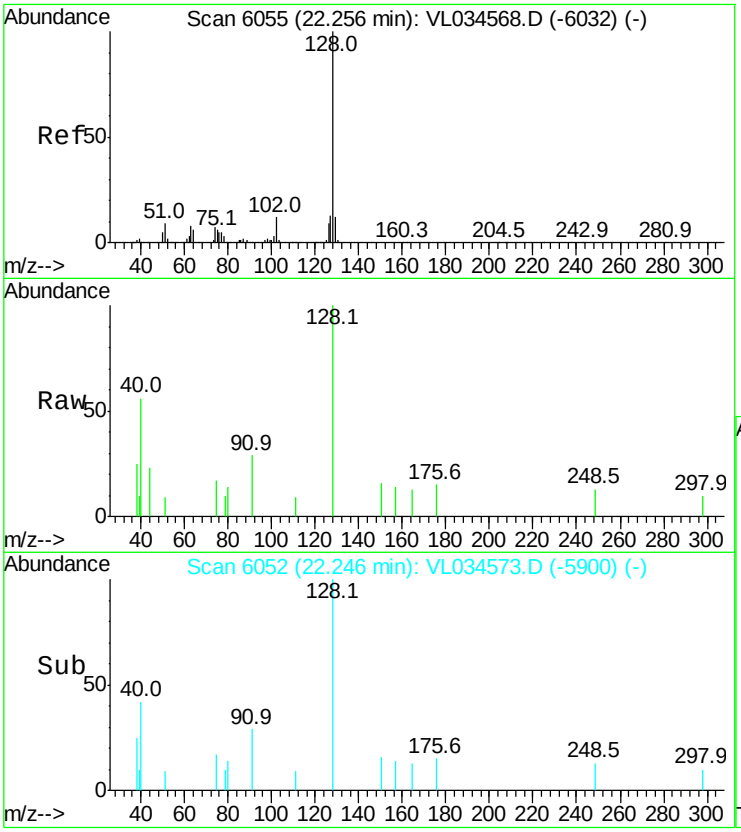


#78
Hexachloro-1,3-Butadiene
Concen: 0.012 ppbv
RT: 23.42 min Scan# 6417
Delta R.T. -0.00 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Tgt Ion:225 Resp: 1924

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



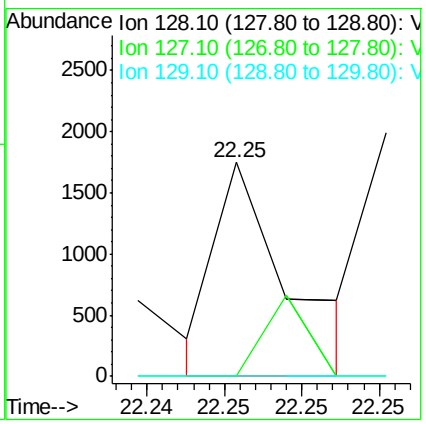


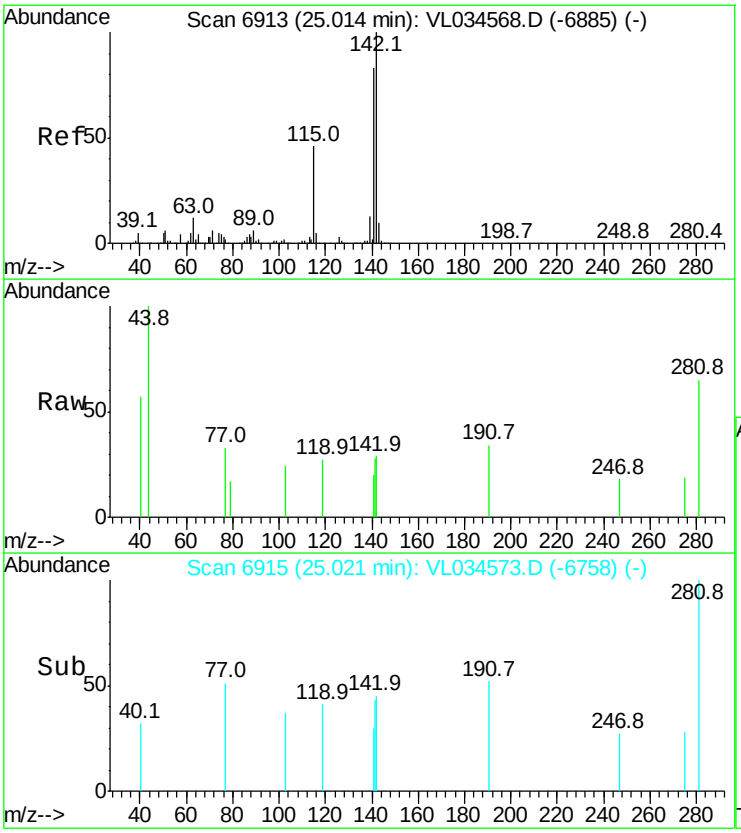
#79
Naphthalene
Concen: 0.002 ppbv
RT: 22.25 min Scan# 6052
Delta R.T. -0.01 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.03

Tgt Ion:128 Resp: 578

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

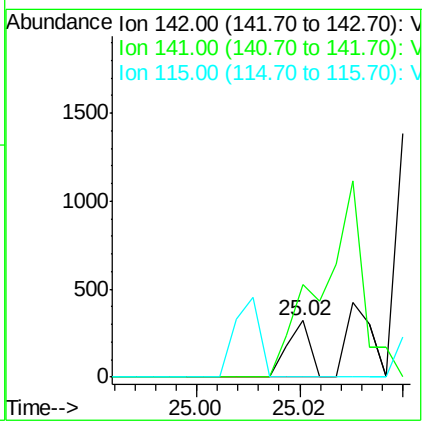


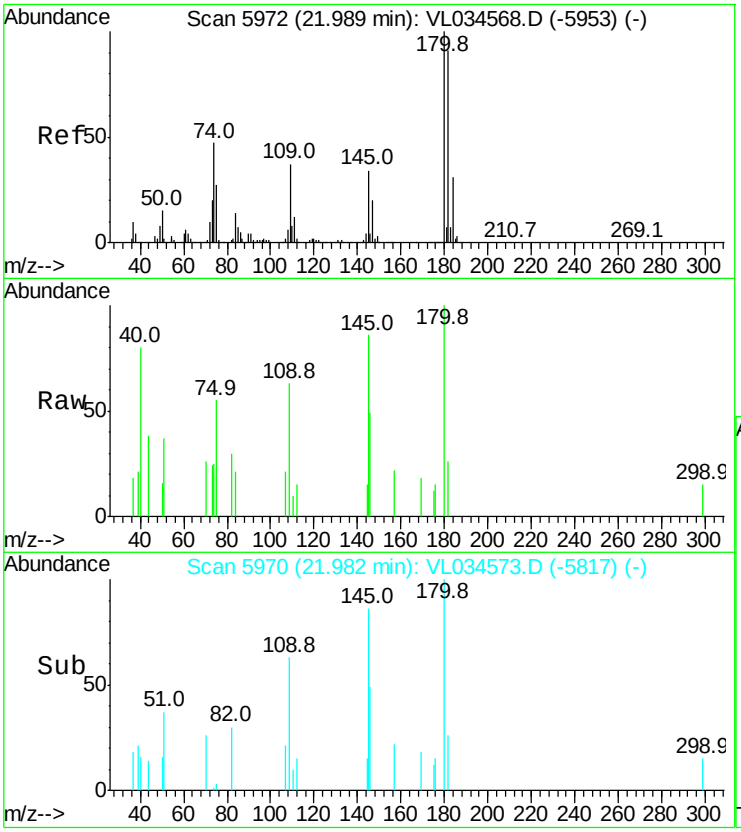


#80
Naphthalene,2-methyl-
Concen: 0.001 ppbv
RT: 25.02 min Scan# 6915
Delta R.T. 0.01 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Tgt Ion:142 Resp: 96

Ion	Ratio	Lower	Upper
142	100		
141	0.0	65.8	98.8#
115	158.3	30.4	45.6#





#81
1,2,4-Trichlorobenzene
Concen: 0.006 ppbv
RT: 21.98 min Scan# 5970
Delta R.T. -0.01 min
Lab File: VL034573.D
Acq: 30 Jan 2020 15:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion:180 Resp: 959

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