Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022520\

Quantitation Report (Not Reviewed)

Data File : VL034670.D
Acq On : 25 Feb 2020 13:13
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Quant Time: Feb 25 14:12:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022520AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb 25 12:01:27 2020
QLast Update : Tue Feb 25 12:01:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	1126075	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.18	114	2345893	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.12	117	2327385	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.46	95	1945474	9.89	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.02	85	128558	0.518	ppbv		96
3) Chlorodifluoromethane	2.95	51	80440	0.591	ppbv		99
4) Chloromethane	3.11	50	46291	0.556	ppbv		90
5) Vinyl Chloride	3.23	62	39956	0.502	ppbv		96
6) Bromomethane	3.44	94	12450	0.301	ppbv		88
7) Chloroethane	3.53	64	16162	0.547	ppbv	#	85
8) Dichlorotetrafluoroethane	3.15	85	104454	0.539	ppbv		100
9) Propene	2.98	41	27303	0.515	ppbv		90
10) Heptane	8.13	43	70133	0.526	ppbv		99
11) Trichlorofluoromethane	3.93	101	104566	0.464	ppbv		96
12) 1,1,2-Trichlorotrifluoroet	4.47	101	74222	0.505	ppbv		93
13) Ethanol	3.59	45	5913	0.417	ppbv	#	40
14) Bromoethene	3.71	108	25603	0.444	ppbv		92
15) Acetone	3.84	43	93491	0.565	ppbv		97
16) 1,3-Butadiene	3.29	39	34806	0.530	ppbv		98
17) tert-Butyl alcohol	4.29	59	67310	0.553	ppbv		98
18) 1,1-Dichloroethene	4.27	96	31767	0.512	ppbv	#	74
19) Isopropyl Alcohol	3.96	45	59665	0.618	ppbv	#	94
20) Methylene Chloride	4.32	84	35263	0.560	ppbv	#	88
21) Allyl Chloride	4.39	41	49402	0.481	ppbv		99
22) trans-1,2-Dichloroethene	4.88	96	14576	0.224	ppbv		97
23) Vinyl Acetate	5.07	43	93432	0.495	ppbv	#	92
24) 1,1-Dichloroethane	5.00	63	91043	0.578	ppbv	#	95
25) Ethyl Acetate	5.68	43	141644	0.529	ppbv		99
26) Hexane	5.68	57	60328	0.538	ppbv		91
27) Carbon Disulfide	4.54	76	66718	0.441	ppbv	#	90
28) Methyl tert-Butyl Ether	5.03	73	85703	0.448	ppbv		99
29) Chloroform	5.75	83	103399	0.521	ppbv		94
30) Cyclohexane	7.13	84	21299	0.256	ppbv	#	1
31) cis-1,2-Dichloroethene	5.54	61	54002	0.463	ppbv	#	88
32) 1,1,1-Trichloroethane	6.52	97	89747	0.421	ppbv		99
34) 2-Butanone	5.24	43	79263	0.465	ppbv		97
35) Carbon Tetrachloride	7.02	117	50670	0.226	ppbv		95
36) Benzene	6.90	78	109920	0.527	ppbv	#	94
37) 1,2-Dichloroethane	6.30	62	76102	0.437	ppbv		97
38) Trichloroethene	7.85	130	41214	0.469	ppbv	#	86
39) 1,2-Dichloropropane	7.62	63	18090	0.209	ppbv	#	82
41) Tetrahydrofuran	6.06	42	15513	0.175	ppbv	#	36
42) Bromodichloromethane	7.81	83	96616	0.451	ppbv		87
43) Methyl Methacrylate	8.03	69	16333	0.195	ppbv	#	1
44) 2,2,4-Trimethylpentane	7.88	57	201716	0.533	ppbv		96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022520\

Quantitation Report (Not Reviewed)

Data File : VL034670.D
Acq On : 25 Feb 2020 13:13
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Quant Time: Feb 25 14:12:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022520AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb 25 12:01:27 2020
QLast Update : Tue Feb 25 12:01:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) t-1,3-Dichloropropene	9.30	75	17234	0.157	ppbv		96
46) cis-1,3-Dichloropropene	8.71	75	19780	0.158	ppbv	#	86
47) 1,1,2-Trichloroethane	9.50	97	51926	0.554	ppbv		89
48) Dibromochloromethane	10.33	129	39146	0.228	ppbv	#	21
49) Bromoform	13.08	173	28732	0.191	ppbv	#	27
50) 4-Methyl-2-Pentanone	8.77	43	108942	0.448	ppbv		97
52) Tetrachloroethene	11.26	164	13651	0.163	ppbv		90
53) Toluene	9.83	91	60803	0.265	ppbv	#	21
54) 1,2-Dibromoethane	10.64	107	66814	0.476	ppbv		92
56) 1,1,1,2-Tetrachloroethane	12.16	131	13353	0.116	ppbv	#	1
57) Chlorobenzene	12.18	112	109168	0.570	ppbv		93
58) Ethyl Benzene	12.75	91	145873	0.468	ppbv		90
59) m/p-Xylene	13.03	91	90378	0.328	ppbv	#	1
60) o-Xylene	13.73	91	142255	0.515	ppbv		94
61) Styrene	13.57	104	79654	0.432	ppbv		97
62) Isopropylbenzene	14.71	105	182369	0.509	ppbv		98
63) 1,1,2,2-Tetrachloroethane	13.72	83	52414	0.245	ppbv	#	23
64) n-propylbenzene	15.60	120	43529	0.472	ppbv		76
65) tert-Butylbenzene	16.79	119	158882	0.489	ppbv		98
66) Benzyl Chloride	17.04	91	48395	0.356	ppbv		96
67) sec-Butylbenzene	17.34	105	112103	0.251	ppbv	#	61
69) p-Isopropyltoluene	17.70	119	84164	0.232	ppbv	#	46
70) n-Butylbenzene	18.60	91	178933	0.465	ppbv		94
71) 2-Chlorotoluene	15.50	91	131381	0.483	ppbv		99
72) 4-Ethyltoluene	15.88	105	139284	0.459	ppbv		96
73) 1,3,5-Trimethylbenzene	16.04	105	136591	0.460	ppbv		89
74) 1,2,4-Trimethylbenzene	16.81	105	158642	0.483	ppbv	#	91
75) 1,3-Dichlorobenzene	17.05	146	104880	0.554	ppbv		98
76) 1,4-Dichlorobenzene	17.19	146	45285	0.243	ppbv	#	13
77) 1,2-Dichlorobenzene	17.87	146	89110	0.490	ppbv		95
78) Hexachloro-1,3-Butadiene	23.43	225	45713	0.263	ppbv	#	41
79) Naphthalene	22.27	128	48089	0.186	ppbv	#	82
80) Naphthalene,2-methyl-	25.03	142	16124	0.162	ppbv		97
81) 1,2,4-Trichlorobenzene	21.99	180	42935	0.269	ppbv	#	63

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

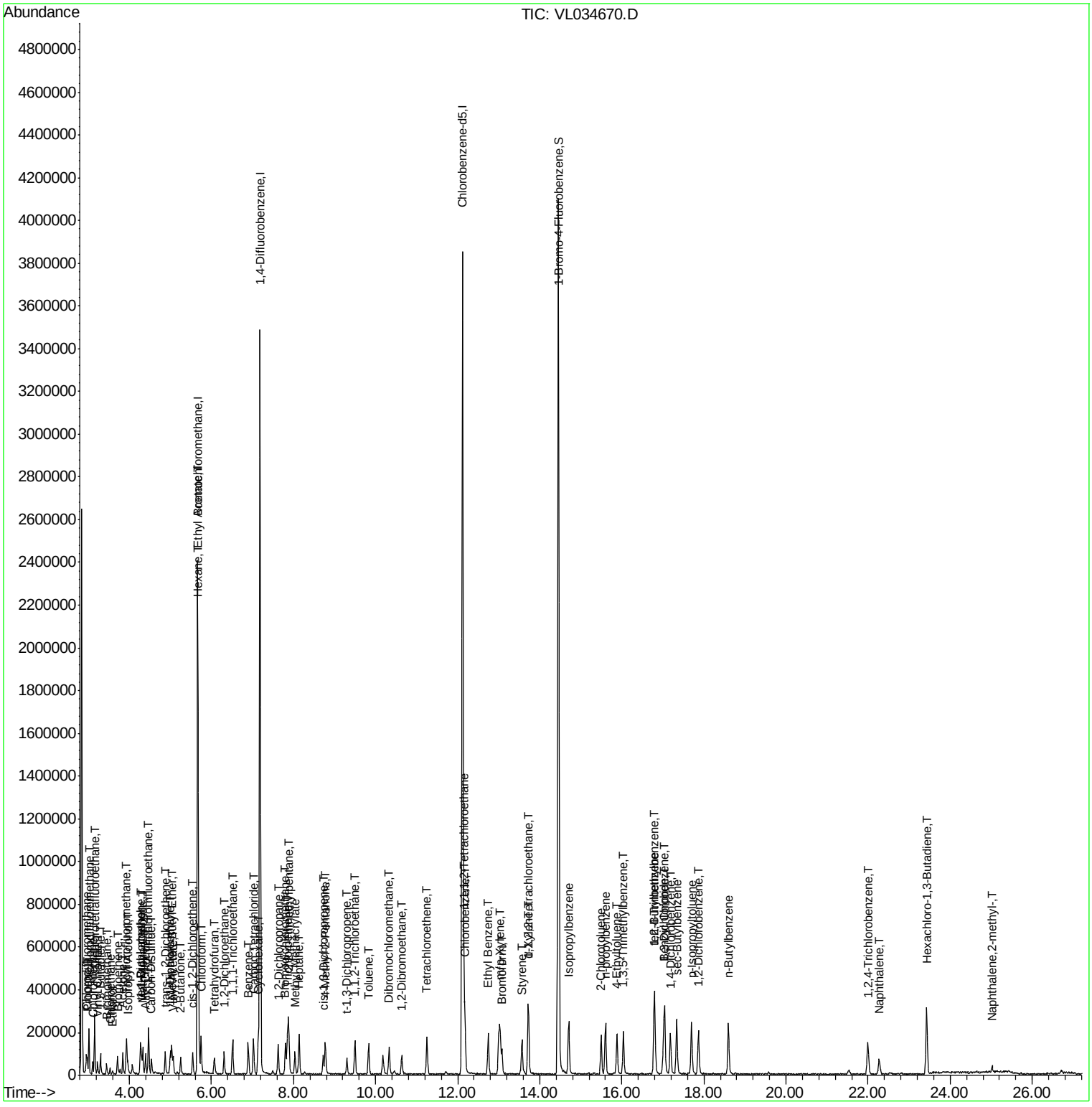
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022520\

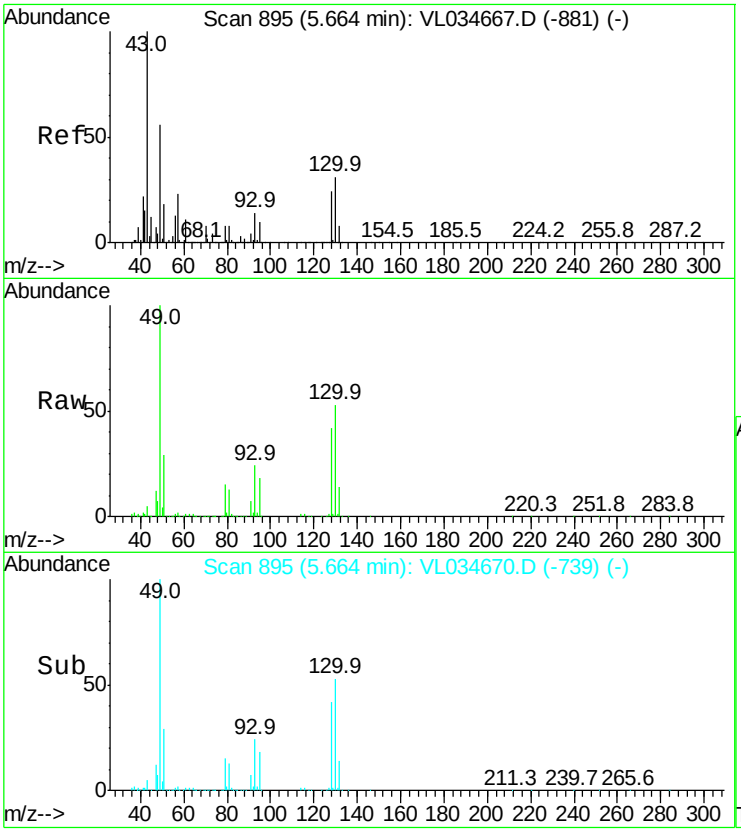
Quantitation Report (Not Reviewed)

Data File : VL034670.D
Acq On : 25 Feb 2020 13:13
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Quant Time: Feb 25 14:12:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022520AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb 25 12:01:27 2020
QLast Update : Tue Feb 25 12:01:27 2020
Response via : Initial Calibration



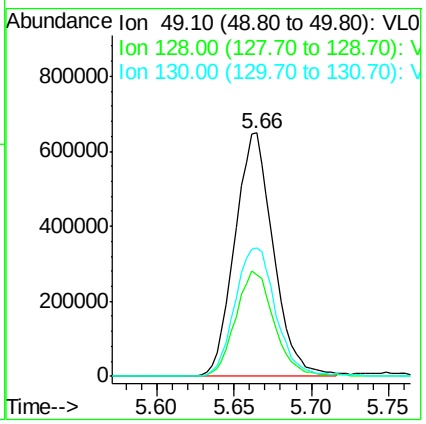


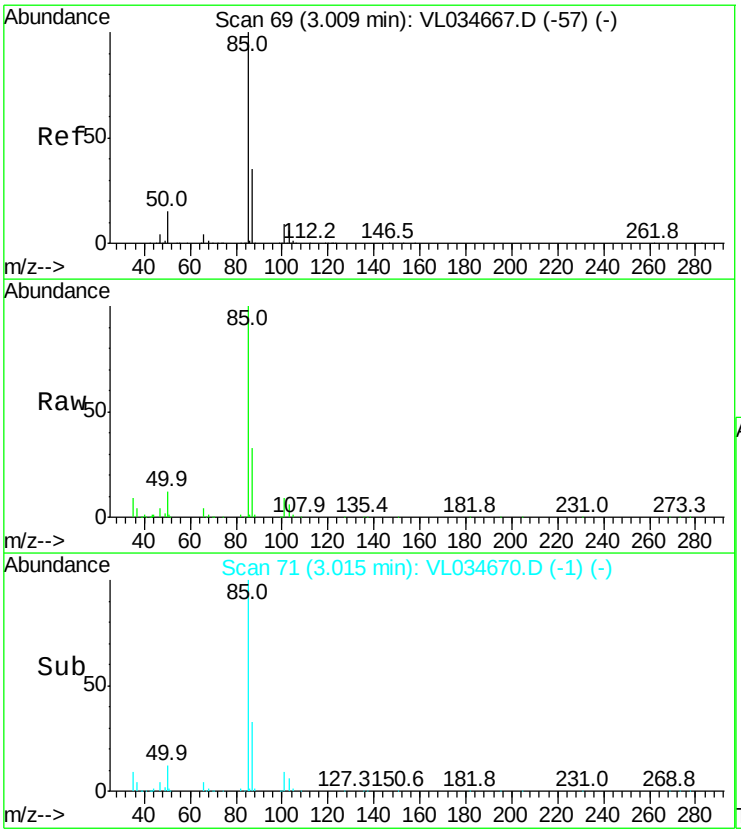
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 895
Delta R.T. 0.00 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 49 Resp: 1126075

Ion	Ratio	Lower	Upper
49	100		
128	43.6	21.9	65.5
130	56.1	27.9	83.7

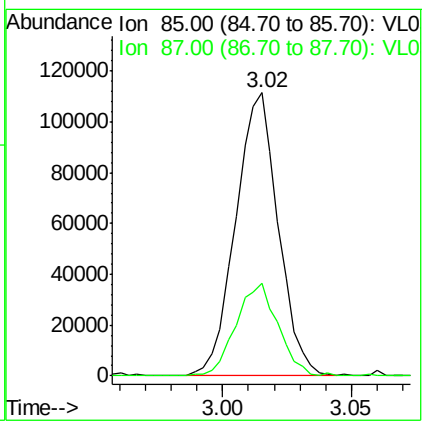


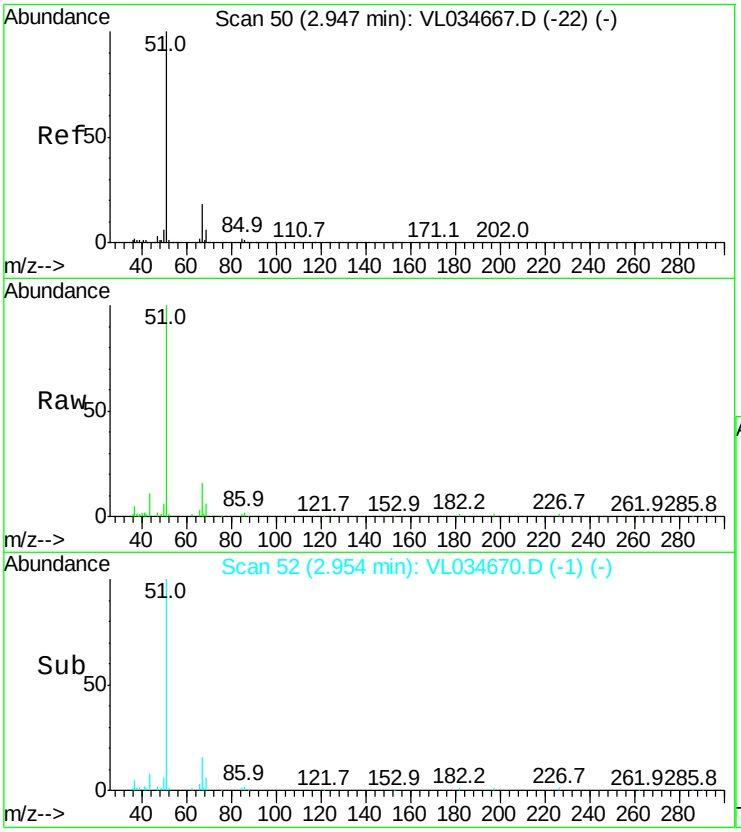


#2
Dichlorodifluoromethane
Concen: 0.518 ppbv
RT: 3.02 min Scan# 71
Delta R.T. 0.01 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Tgt Ion: 85 Resp: 128558

Ion	Ratio	Lower	Upper
85	100		
87	32.7	27.9	41.9



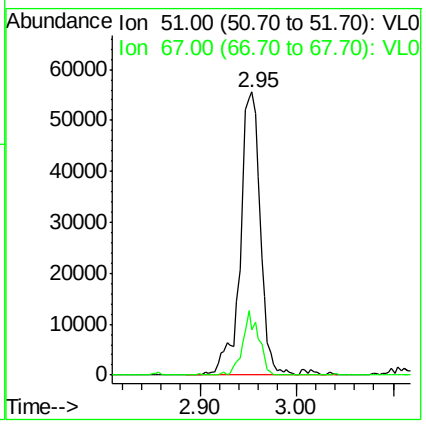


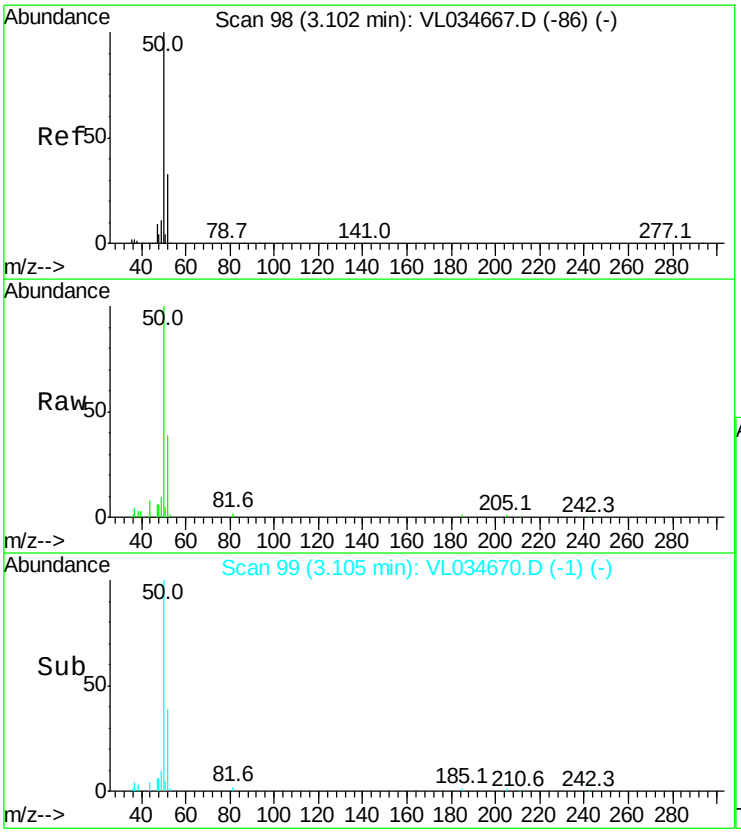
#3
Chlorodifluoromethane
Concen: 0.591 ppbv
RT: 2.95 min Scan# 52
Delta R.T. 0.01 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 51 Resp: 80440

Ion	Ratio	Lower	Upper
51	100		
67	18.1	15.0	22.4

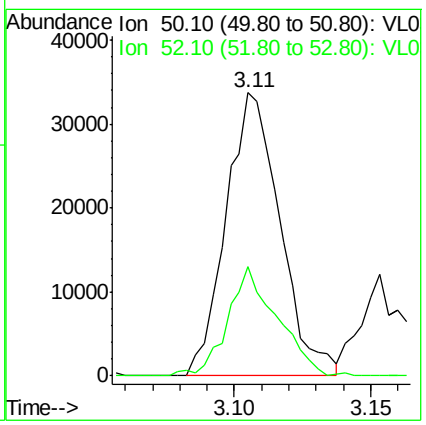


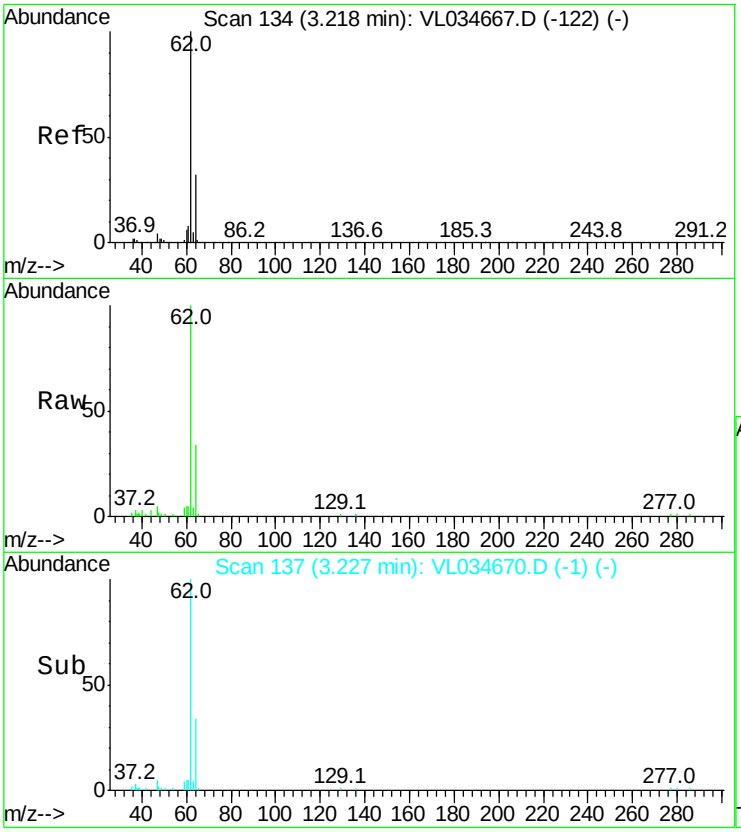


#4
Chloromethane
Concen: 0.556 ppbv
RT: 3.11 min Scan# 99
Delta R.T. 0.00 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Tgt Ion: 50 Resp: 46291

Ion	Ratio	Lower	Upper
50	100		
52	38.6	26.2	39.4



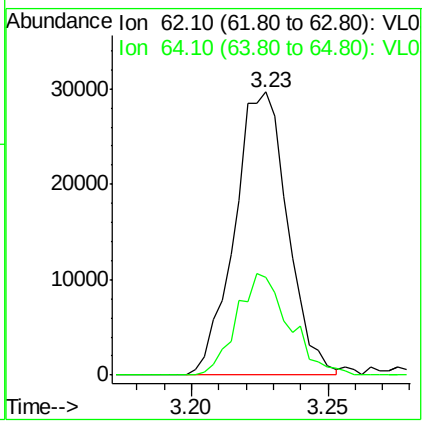


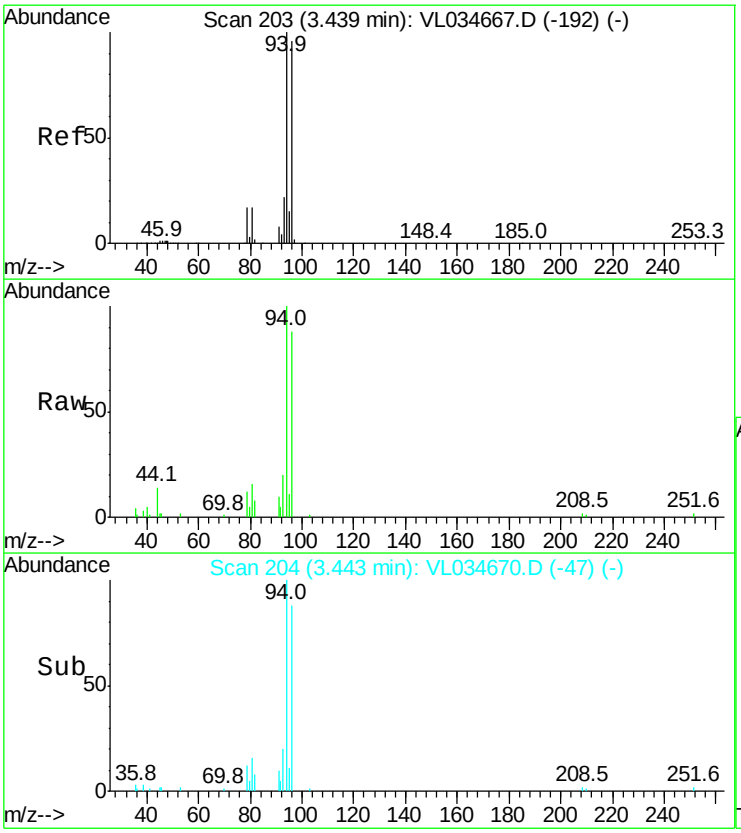
#5
Vinyl Chloride
Concen: 0.502 ppbv
RT: 3.23 min Scan# 137
Delta R.T. 0.01 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 62 Resp: 39956

Ion	Ratio	Lower	Upper
62	100		
64	34.4	25.7	38.5

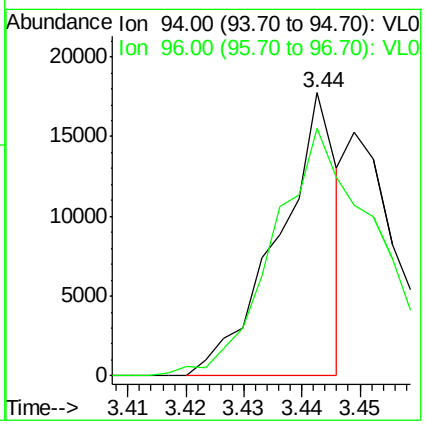


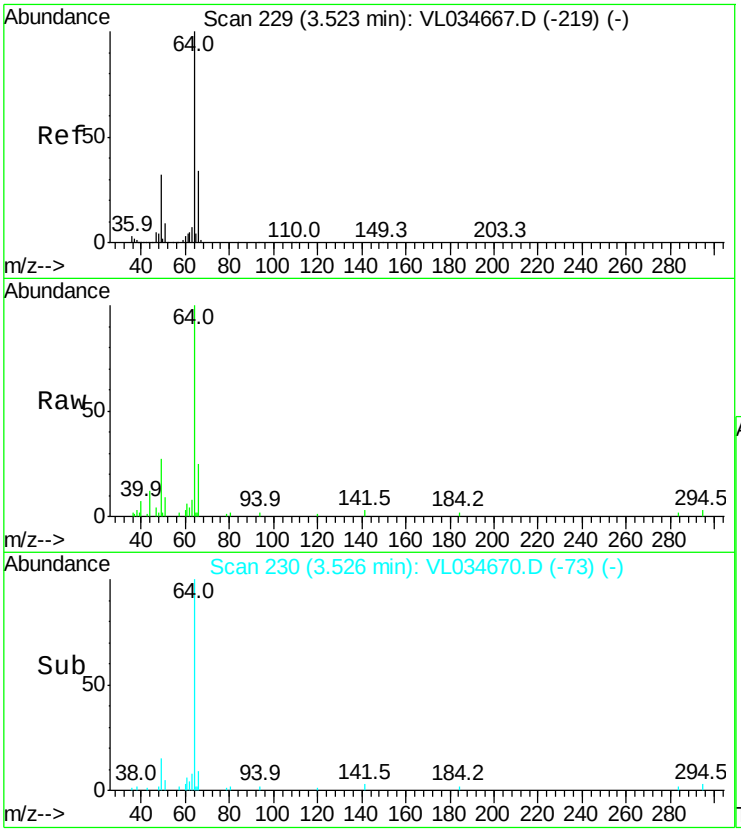


#6
Bromomethane
Concen: 0.301 ppbv
RT: 3.44 min Scan# 204
Delta R.T. 0.00 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Tgt Ion: 94 Resp: 12450

Ion	Ratio	Lower	Upper
94	100		
96	84.5	77.0	115.4



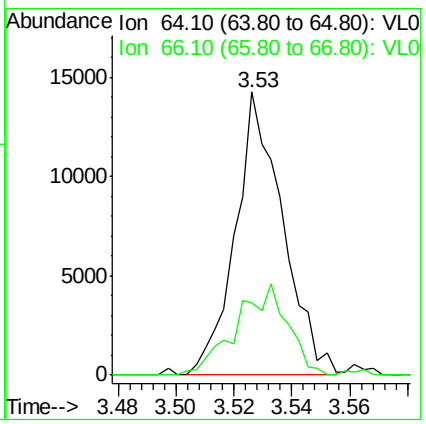


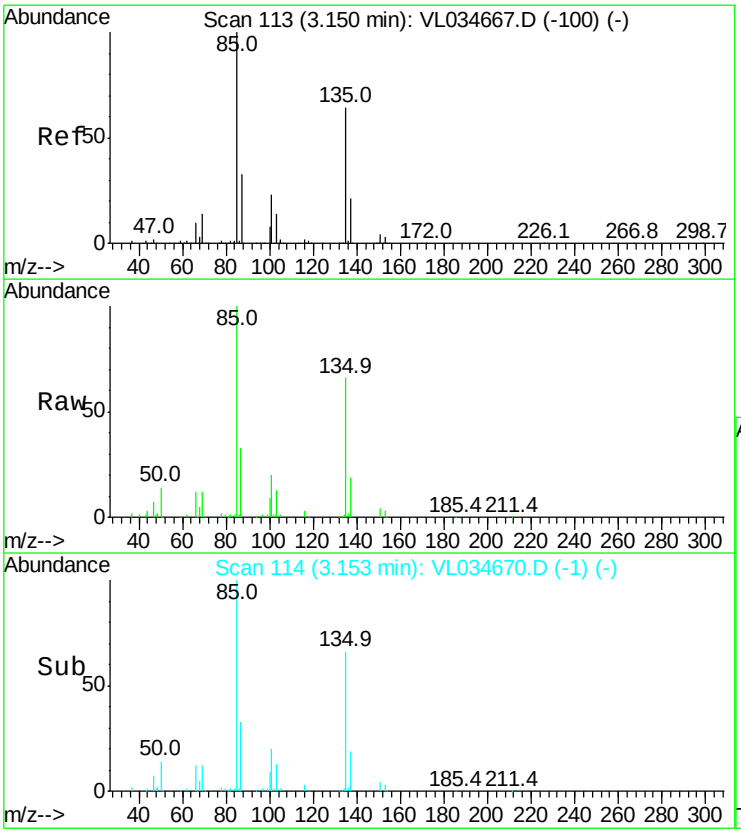
#7
Chloroethane
Concen: 0.547 ppbv
RT: 3.53 min Scan# 230
Delta R.T. 0.00 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 64 Resp: 16162

Ion	Ratio	Lower	Upper
64	100		
66	25.0	26.9	40.3#

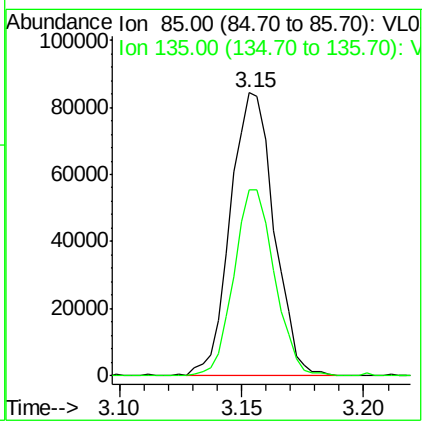


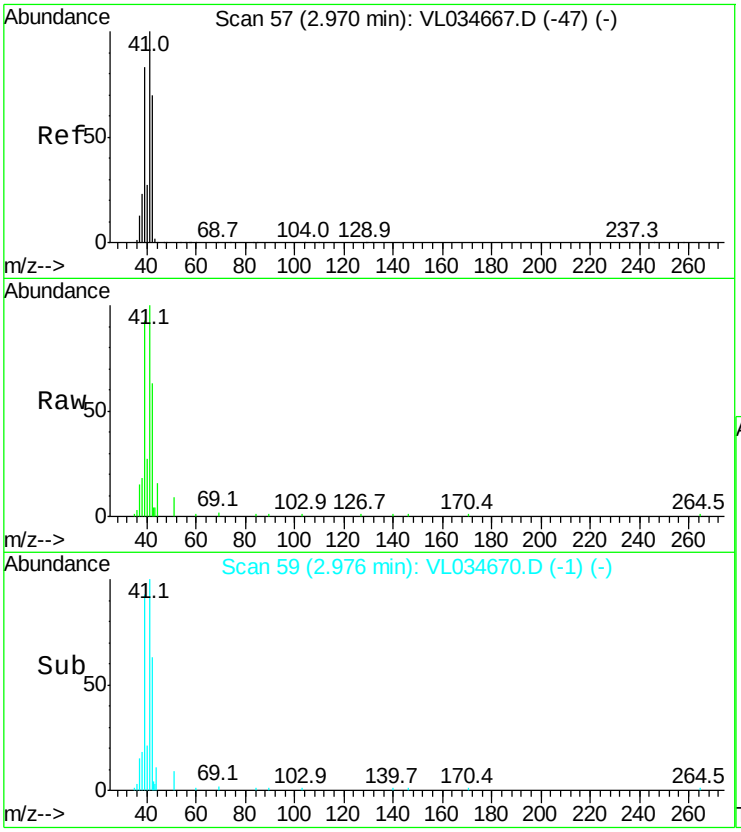


#8
Dichlorotetrafluoroethane
Concen: 0.539 ppbv
RT: 3.15 min Scan# 114
Delta R.T. 0.00 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Tgt Ion: 85 Resp: 104454

Ion	Ratio	Lower	Upper
85	100		
135	61.8	49.3	73.9



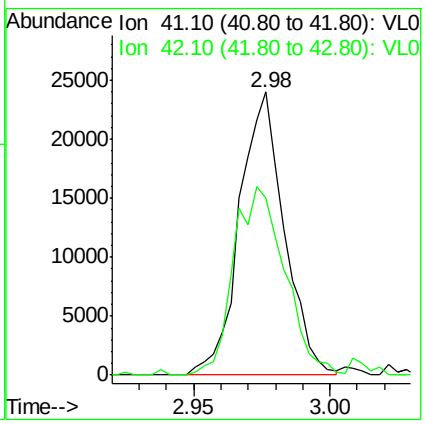


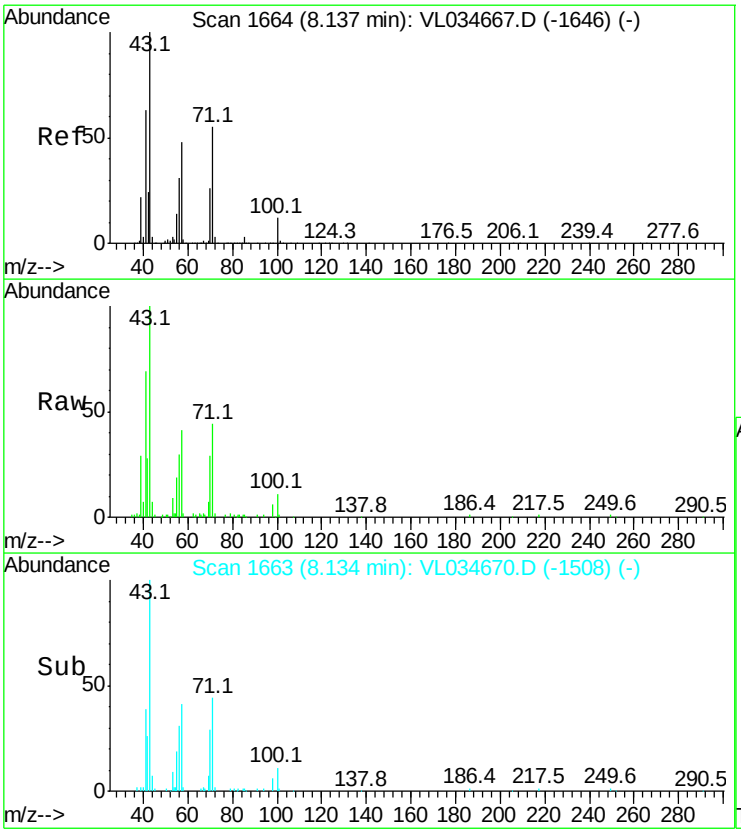
#9
Propene
Concen: 0.515 ppbv
RT: 2.98 min Scan# 59
Delta R.T. 0.01 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 41 Resp: 27303

Ion	Ratio	Lower	Upper
41	100		
42	79.7	57.0	85.4

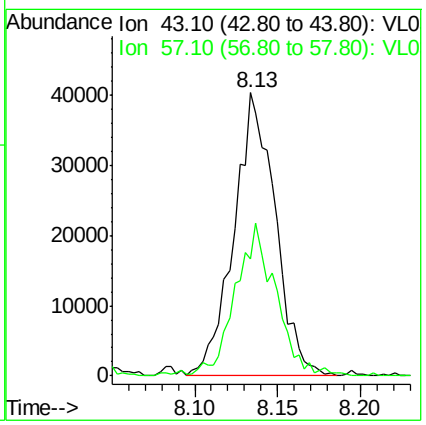


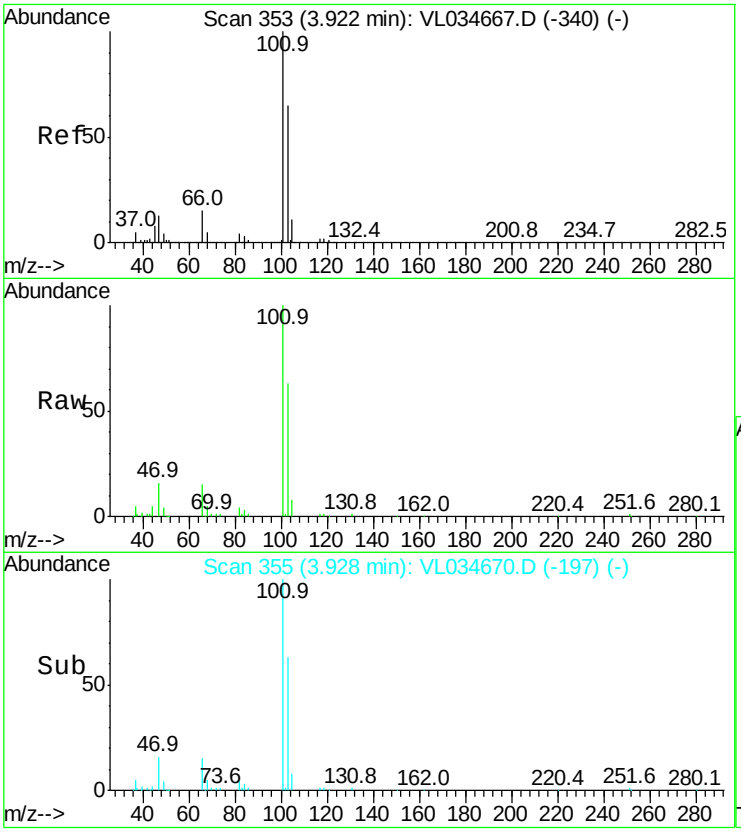


#10
Heptane
Concen: 0.526 ppbv
RT: 8.13 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Tgt Ion: 43 Resp: 70133

Ion	Ratio	Lower	Upper
43	100		
57	53.0	41.7	62.5



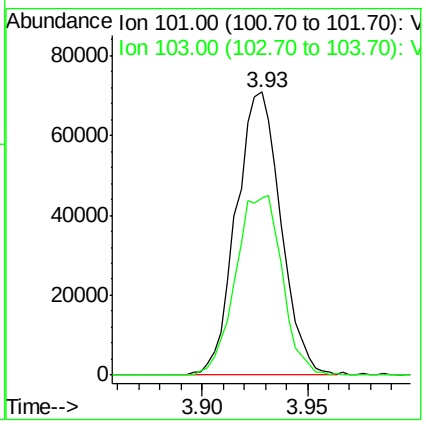


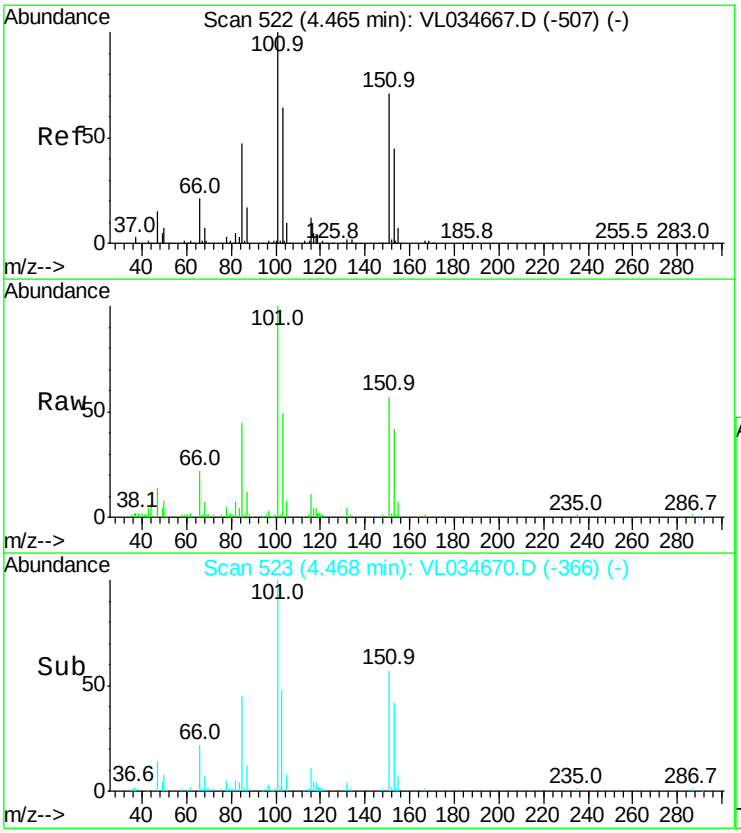
#11
Trichlorofluoromethane
Concen: 0.464 ppbv
RT: 3.93 min Scan# 355
Delta R.T. 0.01 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:101 Resp: 104566

Ion	Ratio	Lower	Upper
101	100		
103	62.3	52.3	78.5

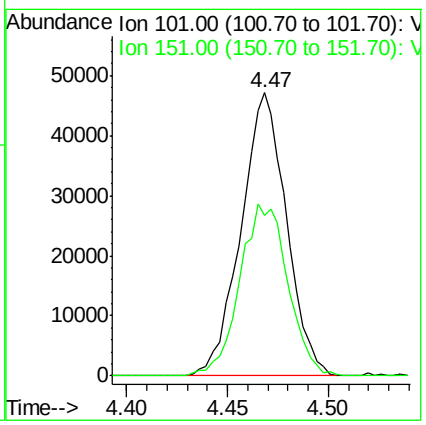


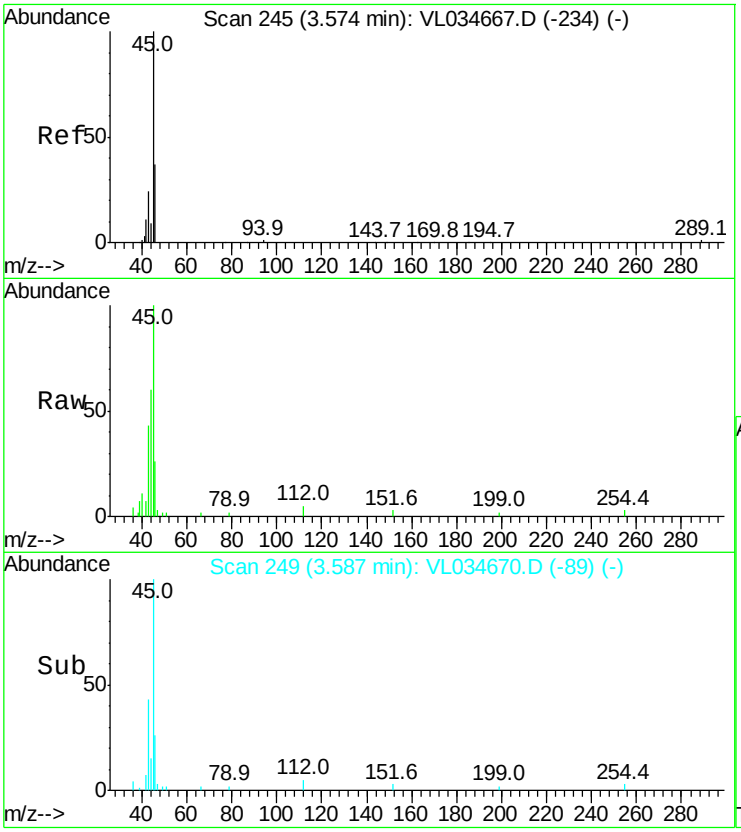


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.505 ppbv
RT: 4.47 min Scan# 523
Delta R.T. 0.00 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Tgt Ion:101 Resp: 74222

Ion	Ratio	Lower	Upper
101	100		
151	64.1	55.5	83.3



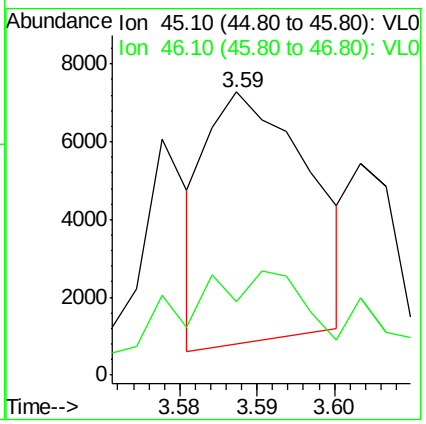


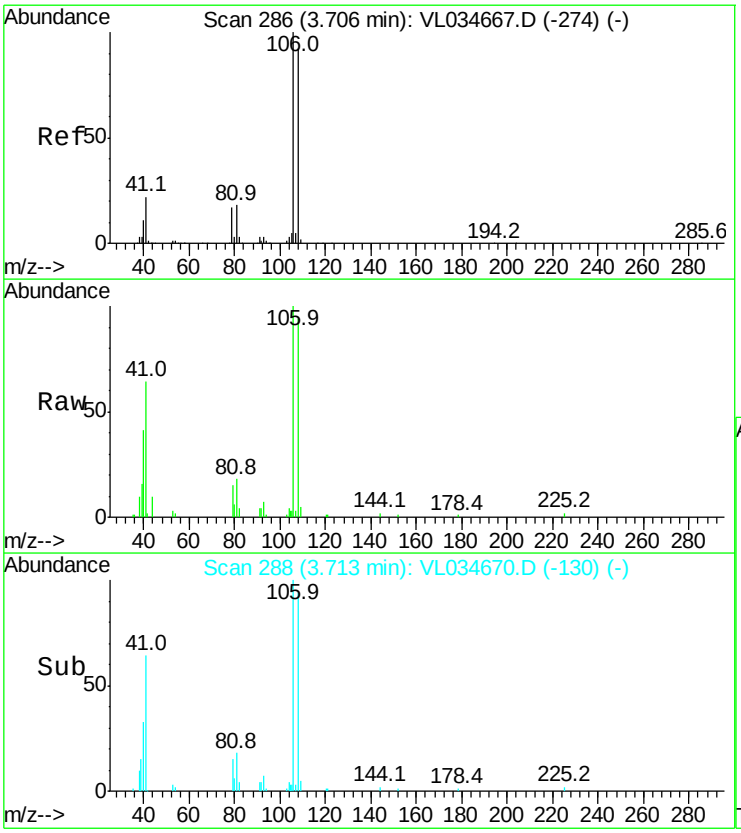
#13
Ethanol
Concen: 0.417 ppbv
RT: 3.59 min Scan# 249
Delta R.T. 0.01 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 45 Resp: 5913

Ion	Ratio	Lower	Upper
45	100		
46	73.7	15.1	60.5#

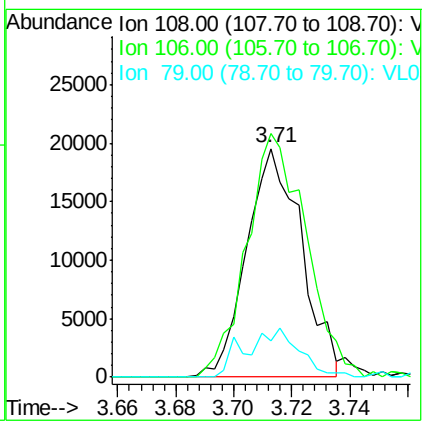


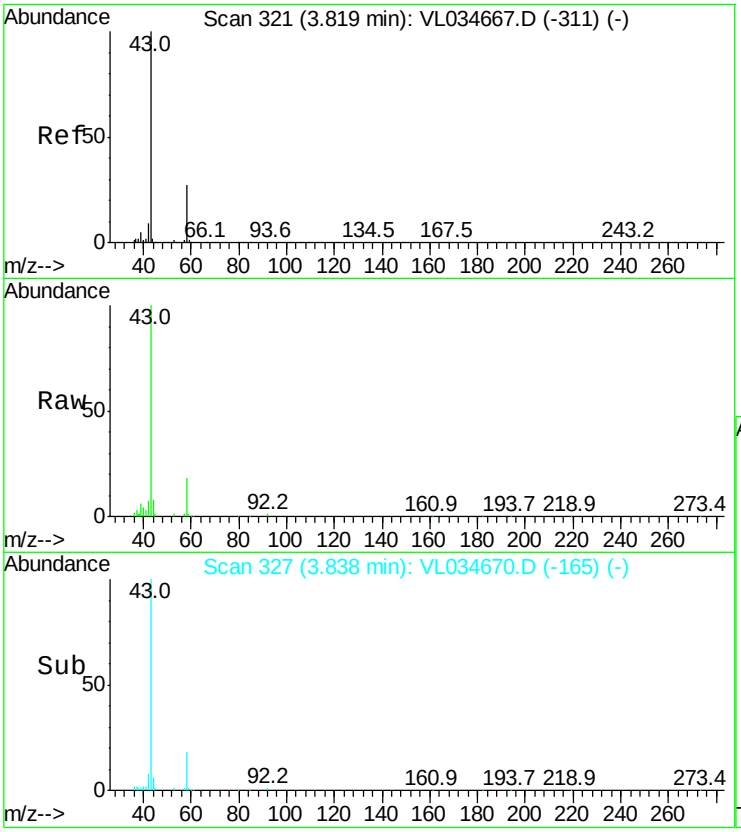


#14
Bromoethene
Concen: 0.444 ppbv
RT: 3.71 min Scan# 288
Delta R.T. 0.01 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Tgt Ion:108 Resp: 25603

Ion	Ratio	Lower	Upper
108	100		
106	116.4	86.4	129.6
79	21.0	14.6	22.0



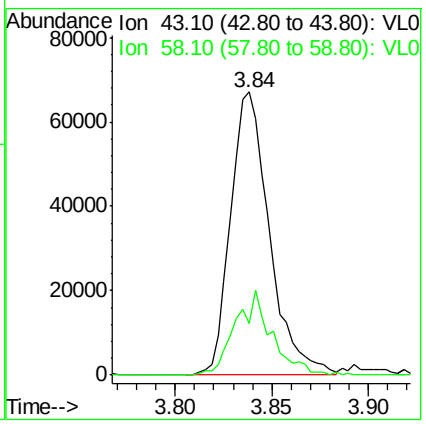


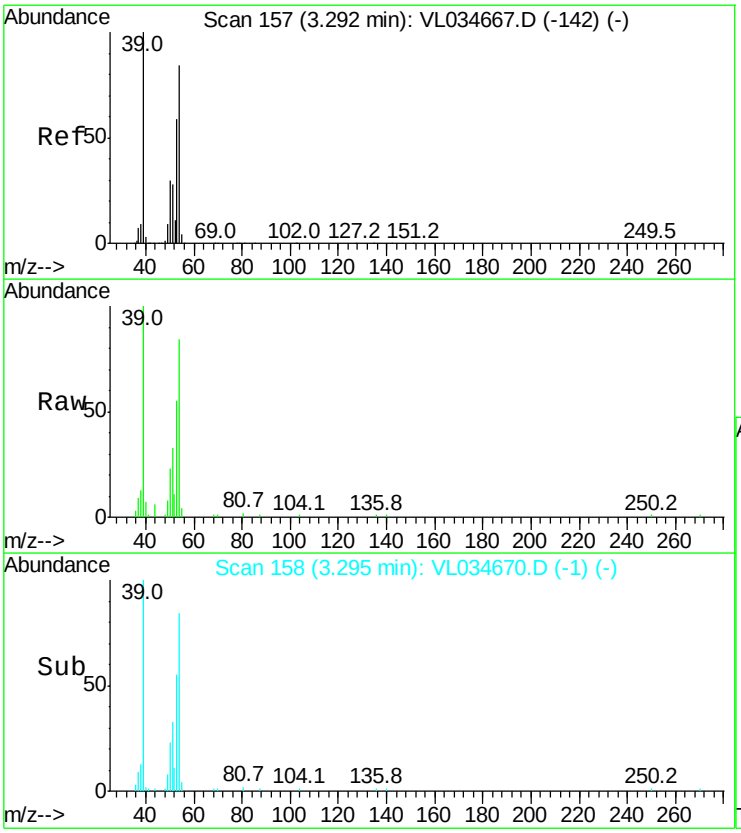
#15
Acetone
Concen: 0.565 ppbv
RT: 3.84 min Scan# 327
Delta R.T. 0.02 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 43 Resp: 93491

Ion	Ratio	Lower	Upper
43	100		
58	28.3	21.4	32.0

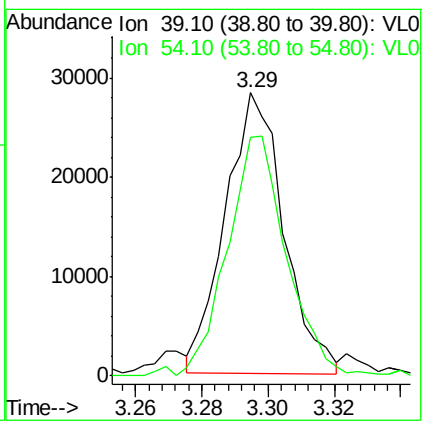


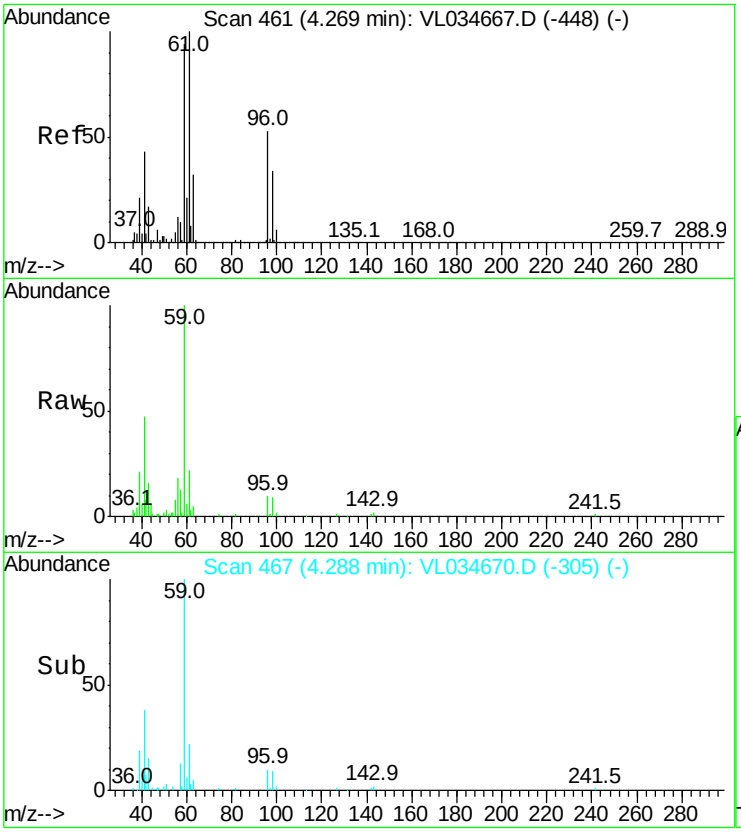


#16
1,3-Butadiene
Concen: 0.530 ppbv
RT: 3.29 min Scan# 158
Delta R.T. 0.00 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Tgt Ion: 39 Resp: 34806

Ion	Ratio	Lower	Upper
39	100		
54	87.3	68.2	102.2



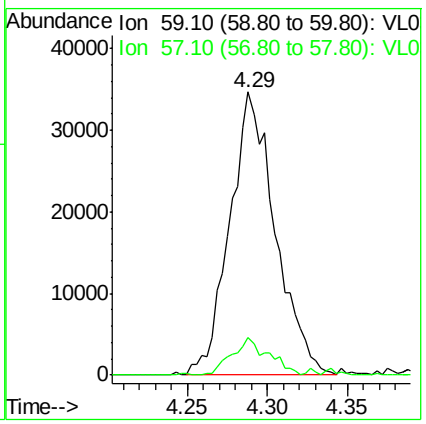


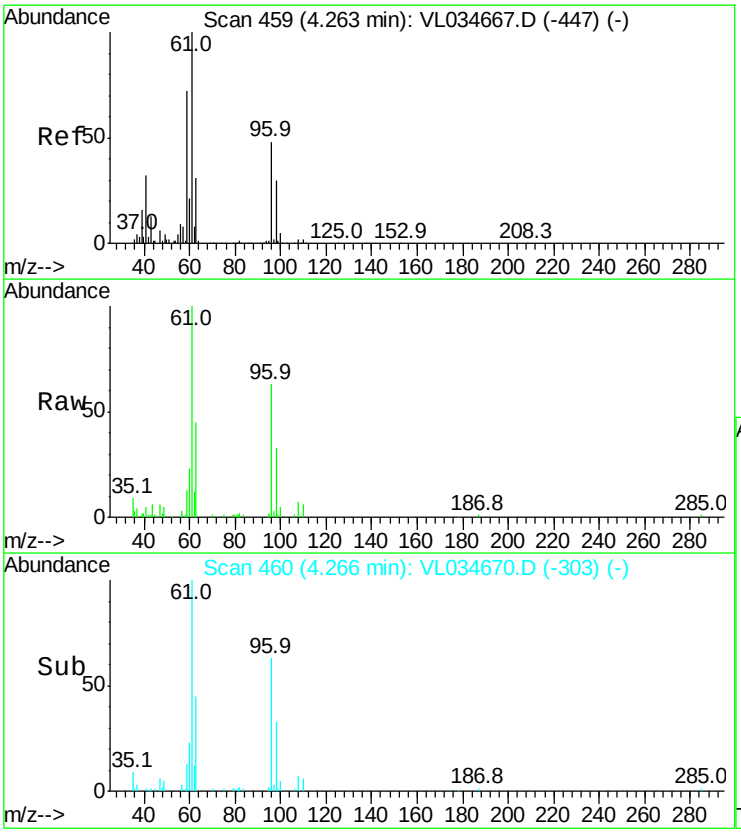
#17
tert-Butyl alcohol
Concen: 0.553 ppbv
RT: 4.29 min Scan# 467
Delta R.T. 0.02 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 59 Resp: 67310

Ion	Ratio	Lower	Upper
59	100		
57	11.8	8.8	13.2

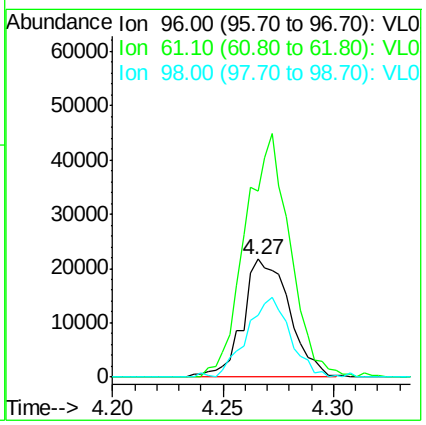


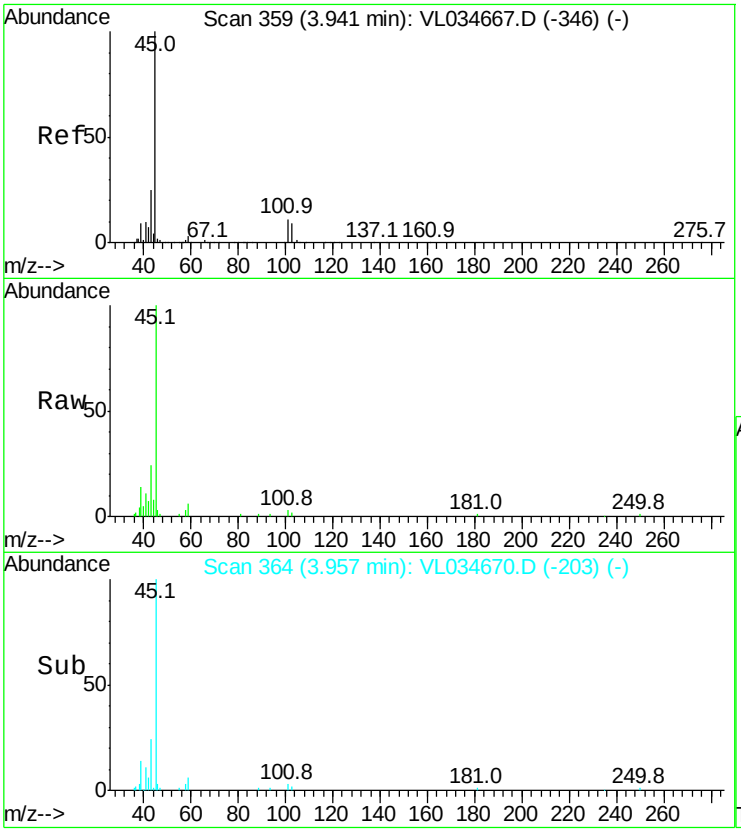


#18
1,1-Dichloroethene
Concen: 0.512 ppbv
RT: 4.27 min Scan# 460
Delta R.T. 0.00 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Tgt Ion: 96 Resp: 31767

Ion	Ratio	Lower	Upper
96	100		
61	157.8	165.3	247.9#
98	54.1	48.9	73.3



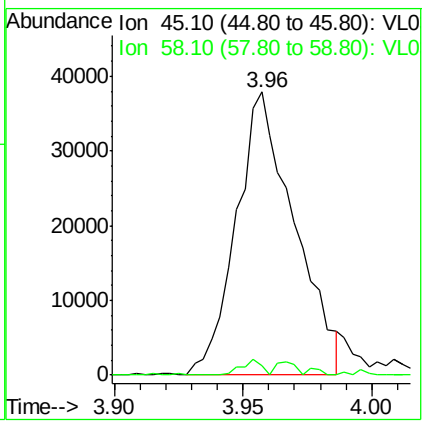


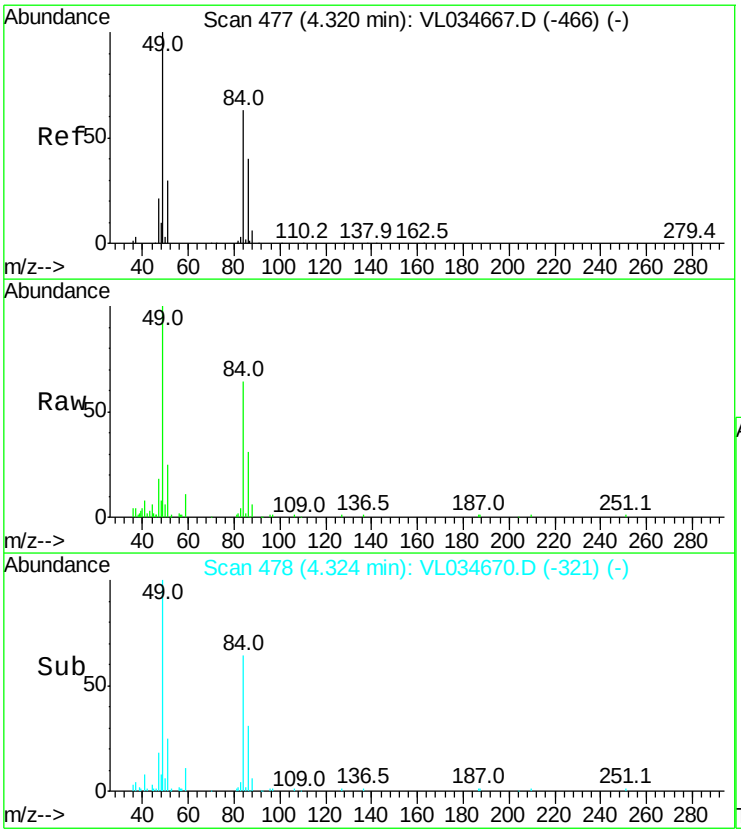
#19
Isopropyl Alcohol
Concen: 0.618 ppbv
RT: 3.96 min Scan# 364
Delta R.T. 0.02 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 45 Resp: 59665

Ion	Ratio	Lower	Upper
45	100		
58	4.4	1.8	2.8#

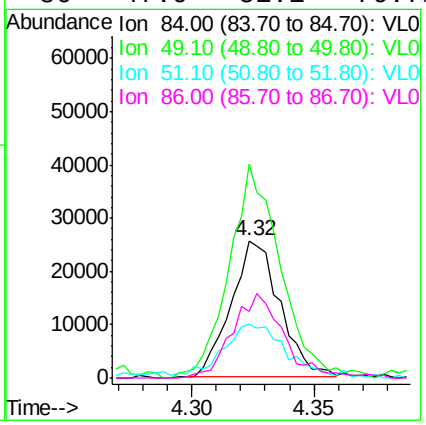


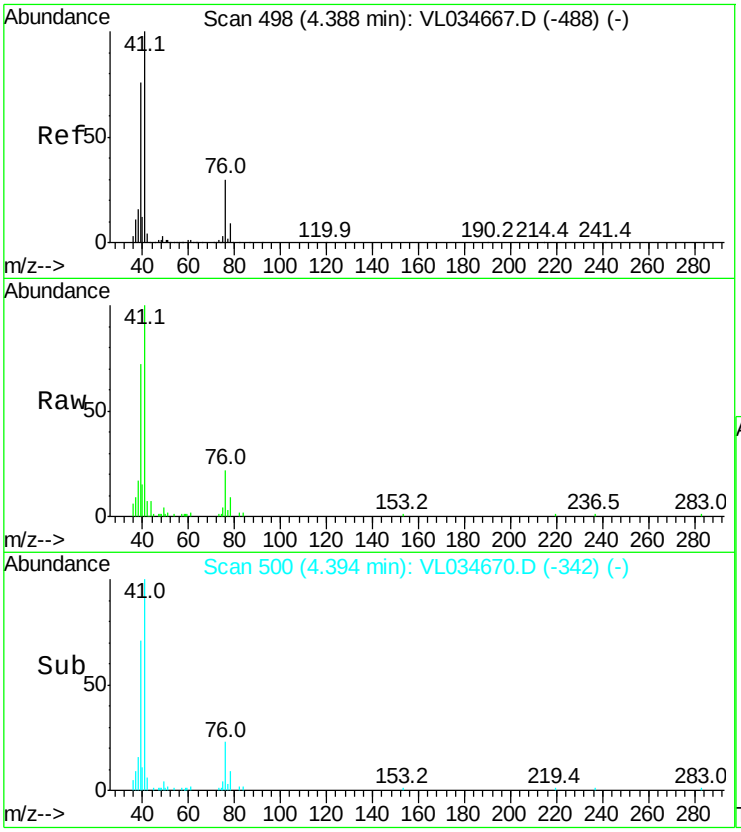


#20
Methylene Chloride
Concen: 0.560 ppbv
RT: 4.32 min Scan# 478
Delta R.T. 0.00 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Tgt Ion: 84 Resp: 35263

Ion	Ratio	Lower	Upper
84	100		
49	150.8	127.6	191.4
51	37.2	39.7	59.5#
86	47.9	51.1	76.7#



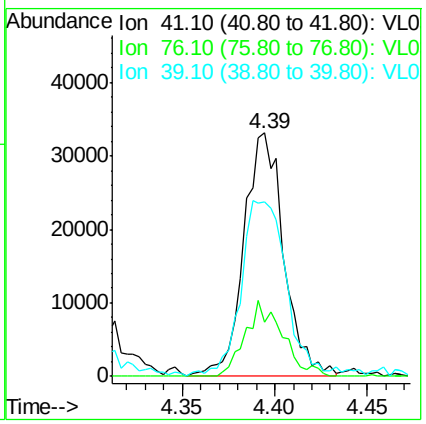


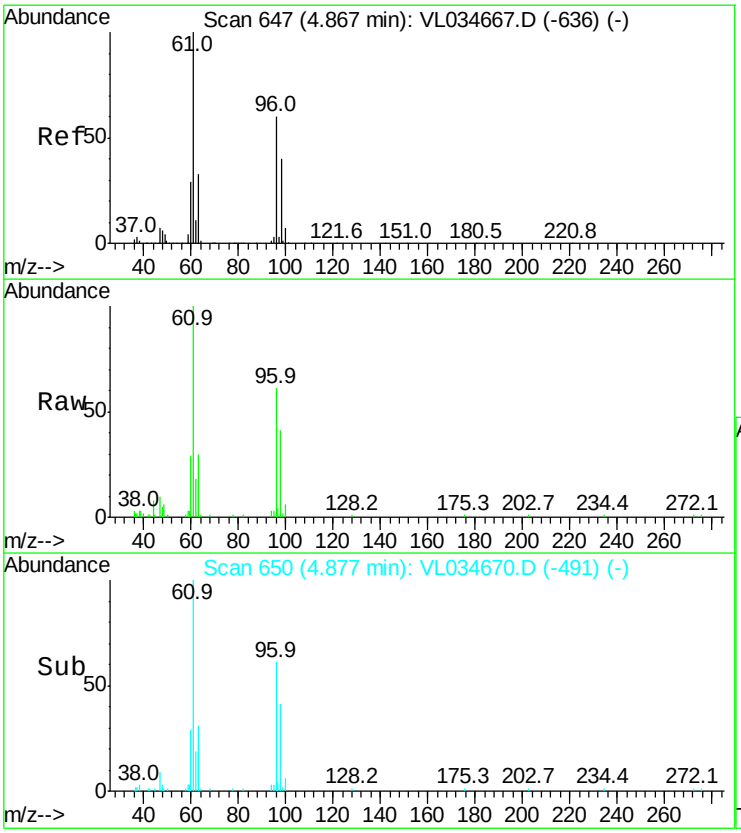
#21
Allyl Chloride
Concen: 0.481 ppbv
RT: 4.39 min Scan# 500
Delta R.T. 0.01 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 41 Resp: 49402

Ion	Ratio	Lower	Upper
41	100		
76	28.9	23.6	35.4
39	77.8	61.6	92.4

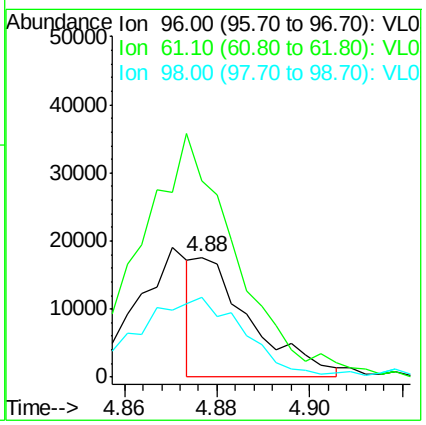


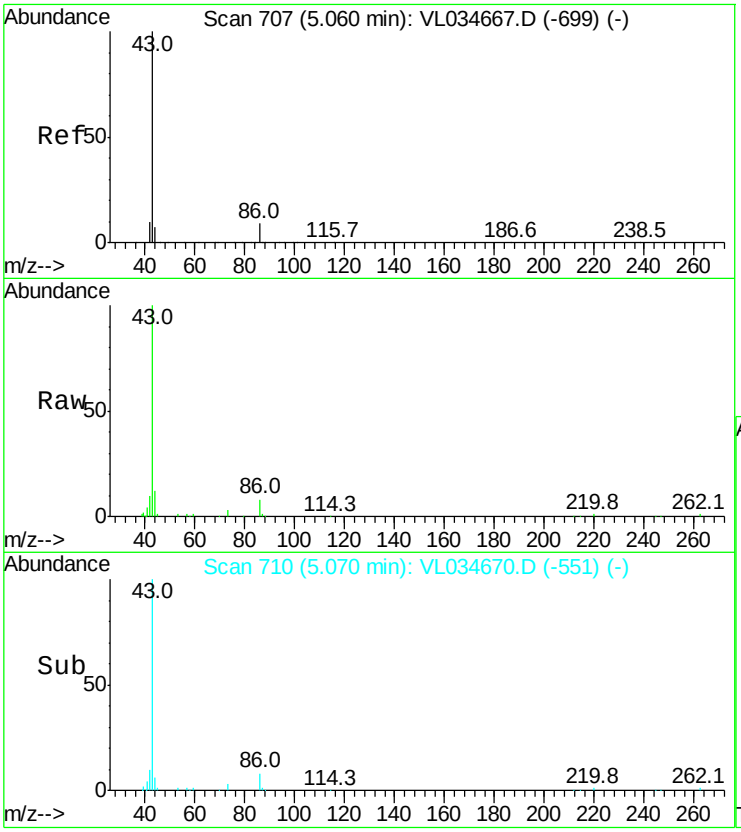


#22
trans-1,2-Dichloroethene
Concen: 0.224 ppbv
RT: 4.88 min Scan# 650
Delta R.T. 0.01 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Tgt Ion: 96 Resp: 14576

Ion	Ratio	Lower	Upper
96	100		
61	162.7	134.3	201.5
98	67.9	53.8	80.8



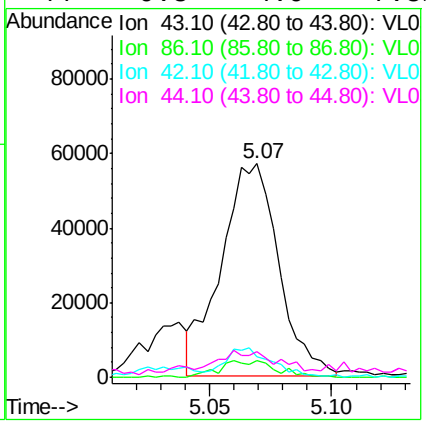


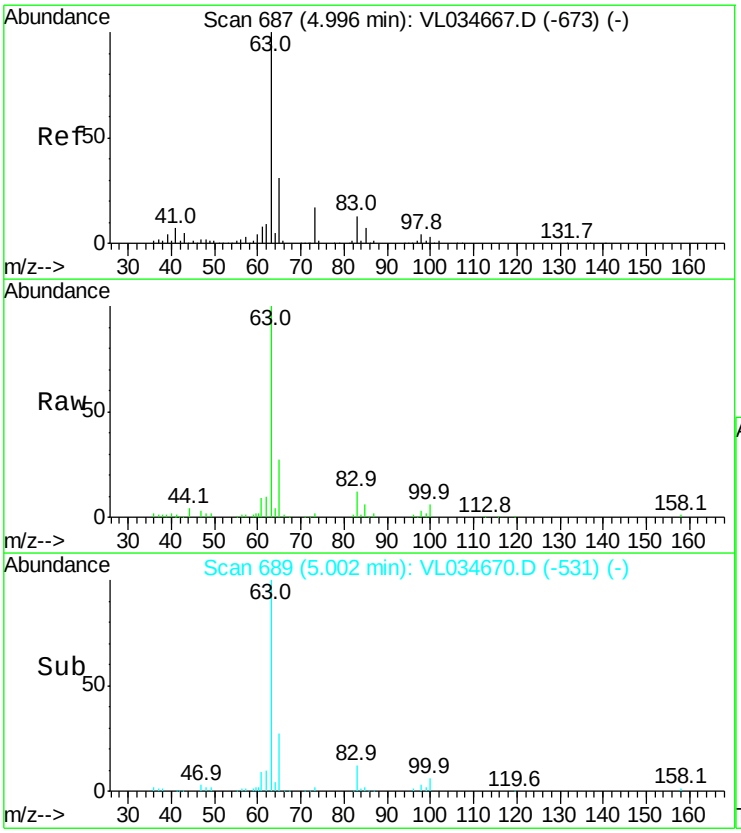
#23
Vinyl Acetate
Concen: 0.495 ppbv
RT: 5.07 min Scan# 710
Delta R.T. 0.01 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 43 Resp: 93432

Ion	Ratio	Lower	Upper
43	100		
86	7.9	6.3	9.5
42	6.1	8.6	12.8#
44	9.8	4.9	7.3#

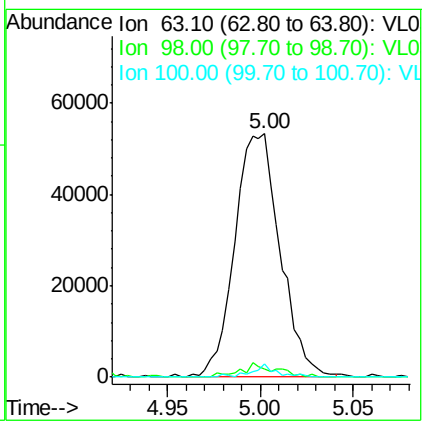


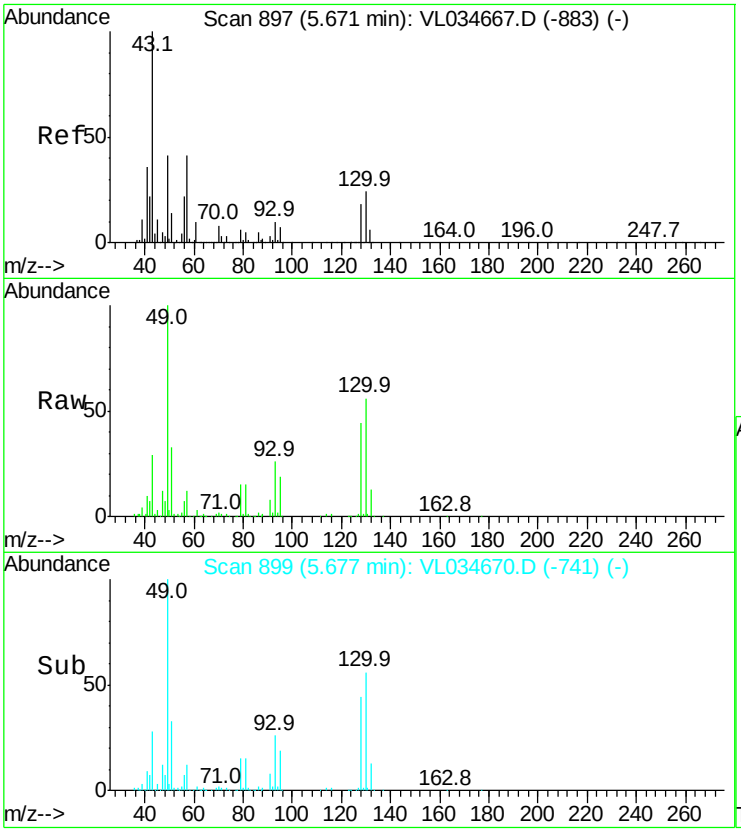


#24
1,1-Dichloroethane
Concen: 0.578 ppbv
RT: 5.00 min Scan# 689
Delta R.T. 0.01 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Tgt Ion: 63 Resp: 91043

Ion	Ratio	Lower	Upper
63	100		
98	3.4	2.2	6.6
100	5.5	1.4	4.2#



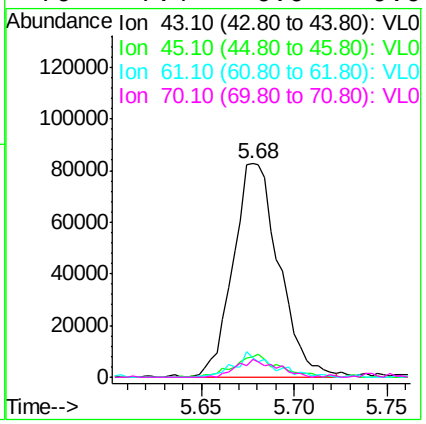


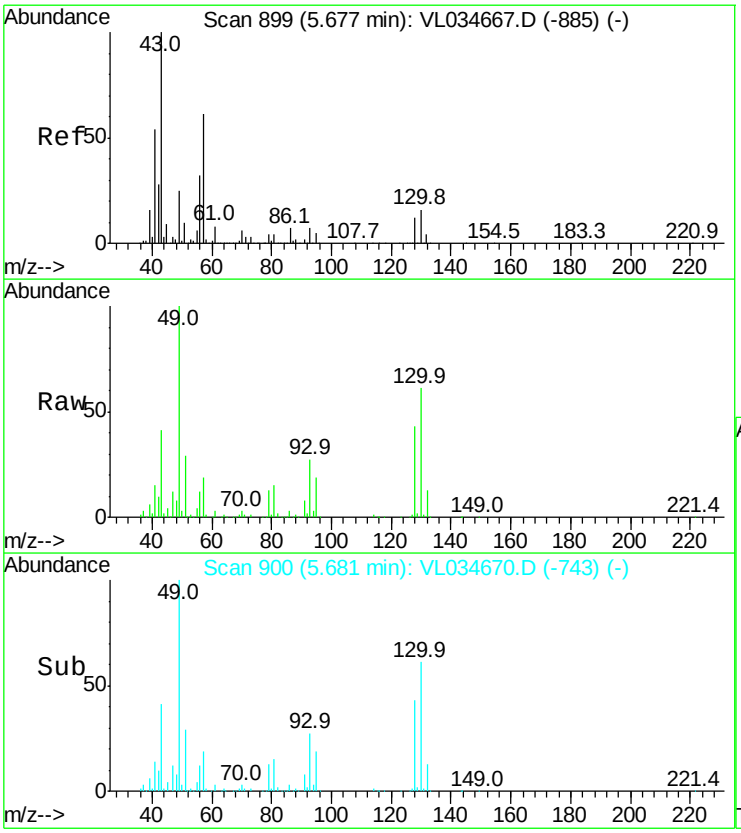
#25
Ethyl Acetate
Concen: 0.529 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.01 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 43 Resp: 141644

Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.3	12.5
61	10.0	7.8	11.6
70	7.4	6.0	9.0

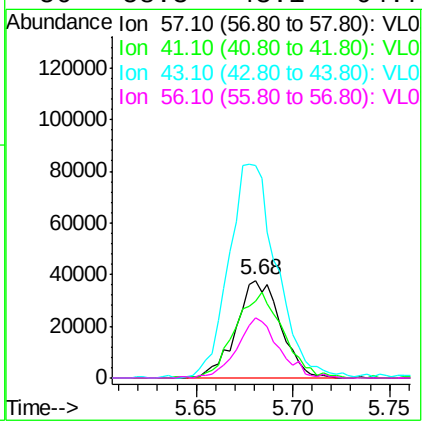


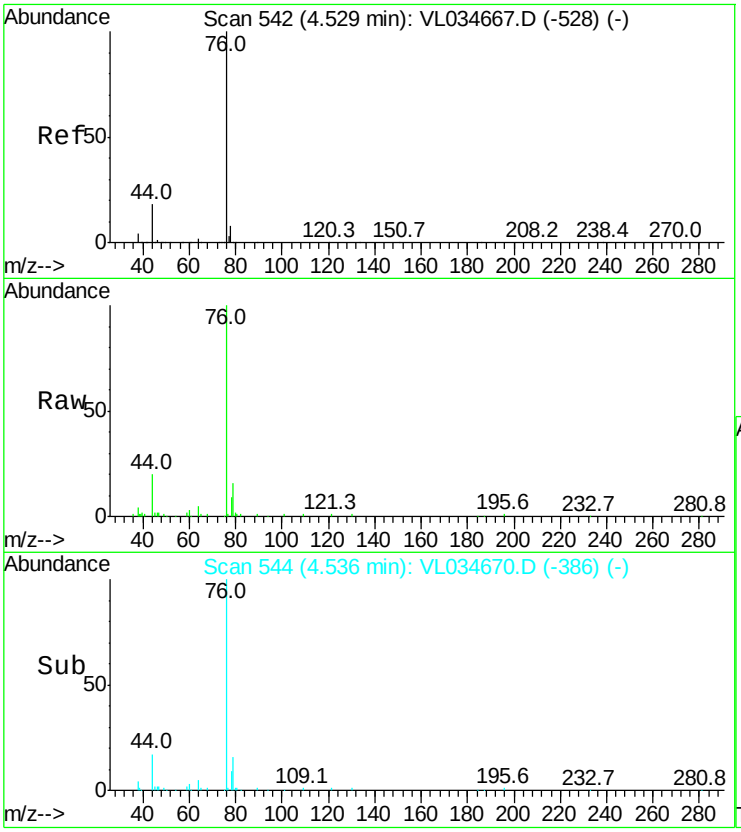


#26
Hexane
Concen: 0.538 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.00 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Tgt Ion: 57 Resp: 60328

Ion	Ratio	Lower	Upper
57	100		
41	95.7	72.0	108.0
43	239.8	178.7	268.1
56	58.3	43.1	64.7



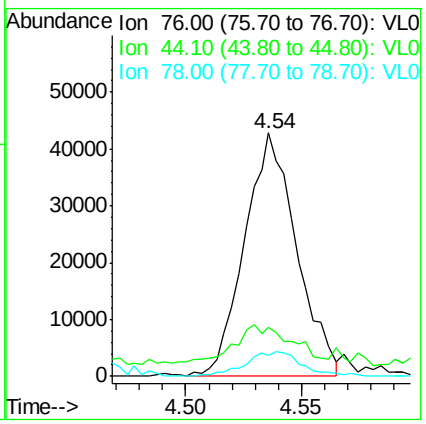


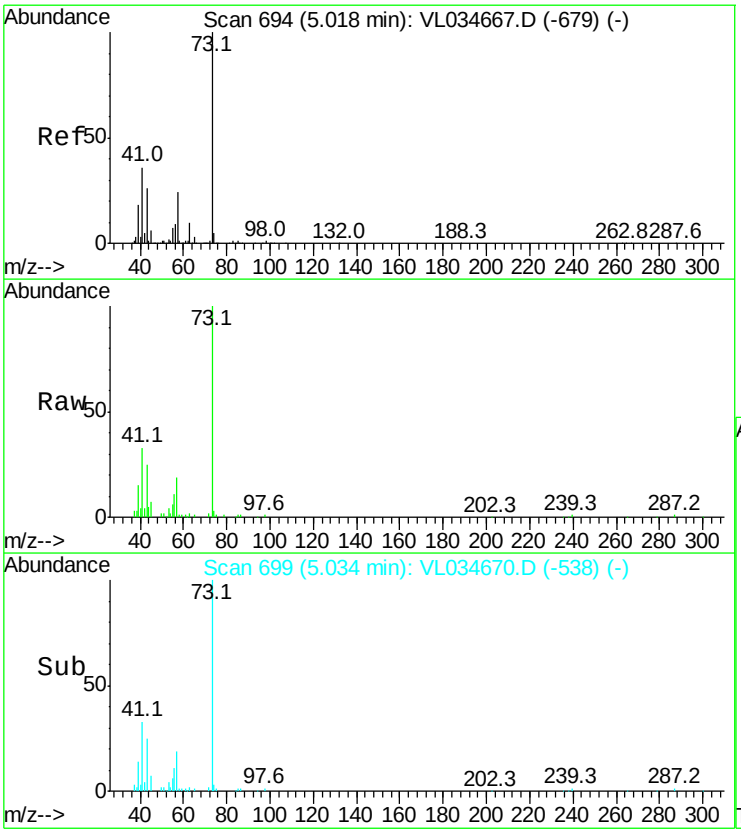
#27
Carbon Disulfide
Concen: 0.441 ppbv
RT: 4.54 min Scan# 544
Delta R.T. 0.01 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 76 Resp: 66718

Ion	Ratio	Lower	Upper
76	100		
44	24.3	15.0	22.4#
78	11.2	7.7	11.5

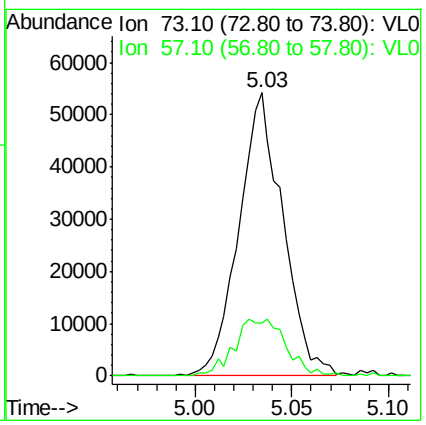


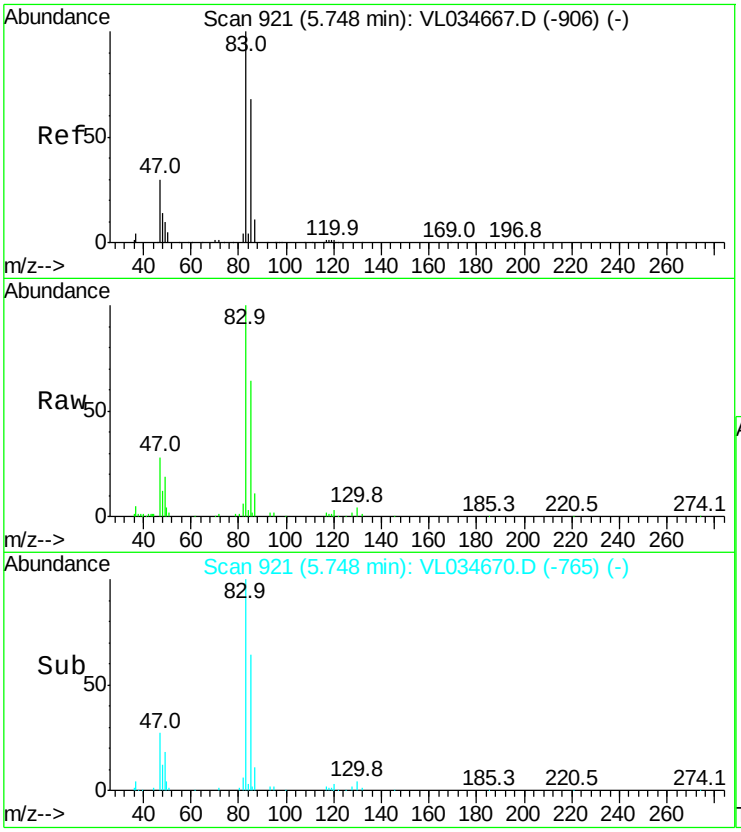


#28
Methyl tert-Butyl Ether
Concen: 0.448 ppbv
RT: 5.03 min Scan# 699
Delta R.T. 0.02 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Tgt Ion: 73 Resp: 85703

Ion	Ratio	Lower	Upper
73	100		
57	23.7	18.7	28.1



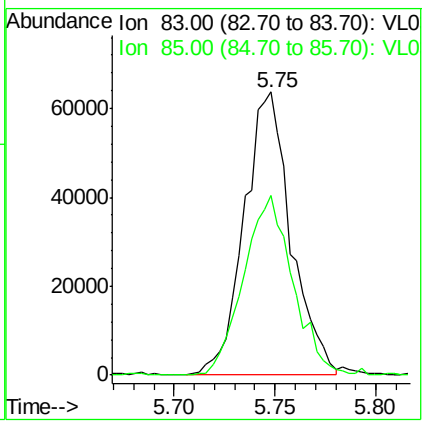


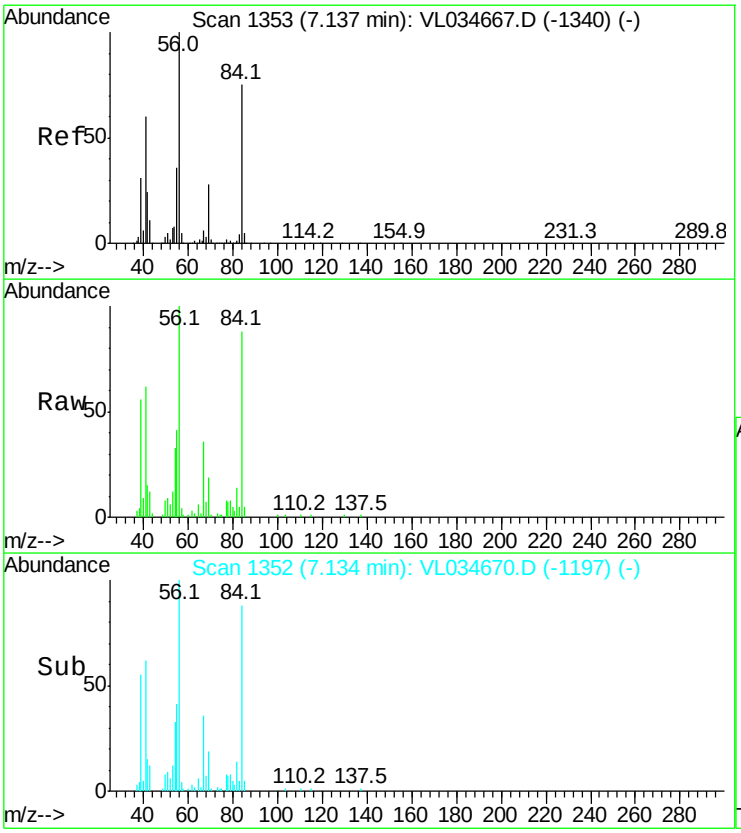
#29
Chloroform
Concen: 0.521 ppbv
RT: 5.75 min Scan# 921
Delta R.T. 0.00 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 83 Resp: 103399

Ion	Ratio	Lower	Upper
83	100		
85	63.7	54.7	82.1

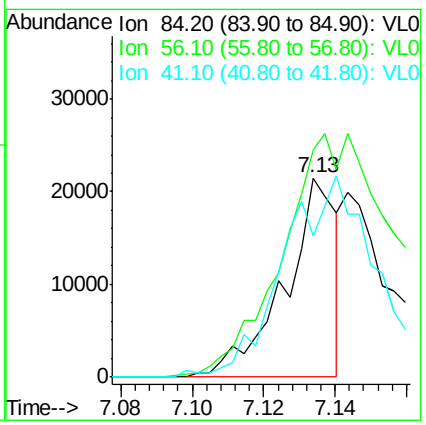


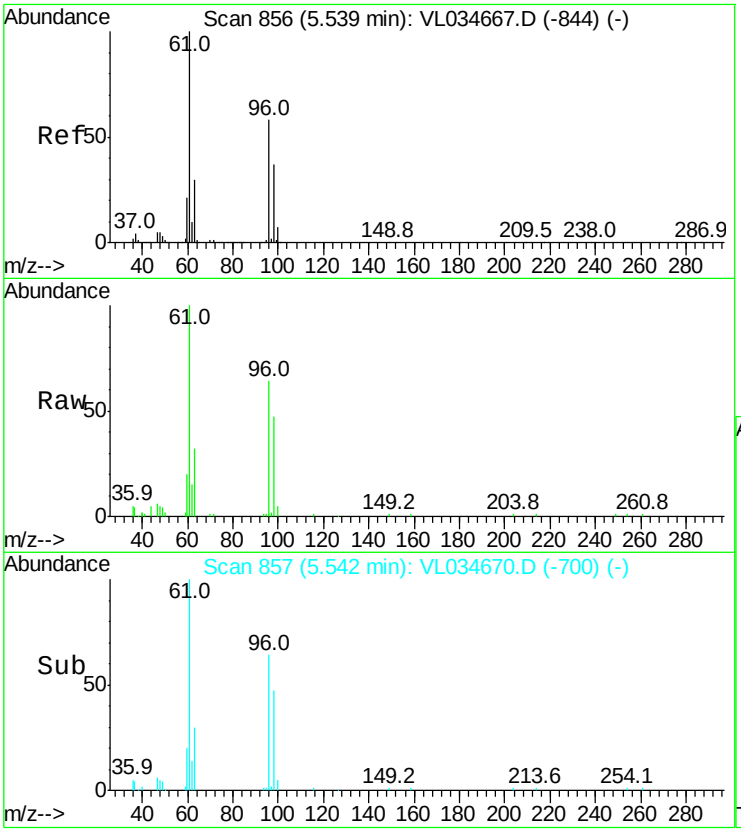


#30
Cyclohexane
Concen: 0.256 ppbv
RT: 7.13 min Scan# 1352
Delta R.T. -0.00 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Tgt Ion: 84 Resp: 21299

Ion	Ratio	Lower	Upper
84	100		
56	0.0	113.4	170.2#
41	0.0	69.5	104.3#



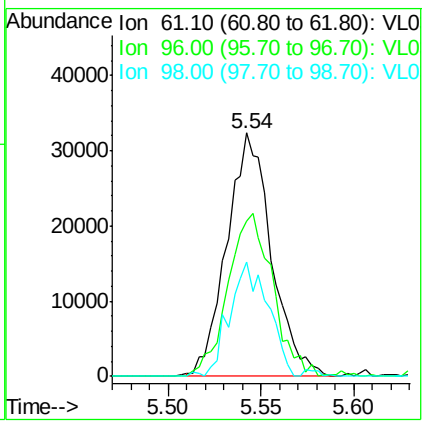


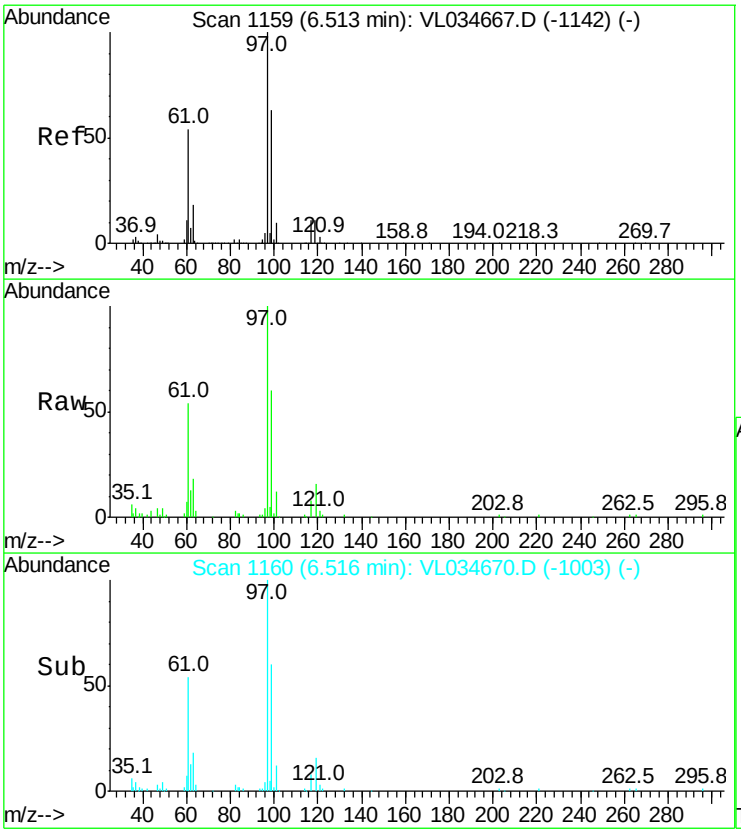
#31
cis-1,2-Dichloroethene
Concen: 0.463 ppbv
RT: 5.54 min Scan# 857
Delta R.T. 0.00 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 61 Resp: 54002

Ion	Ratio	Lower	Upper
61	100		
96	63.9	46.6	69.8
98	47.1	29.3	43.9#

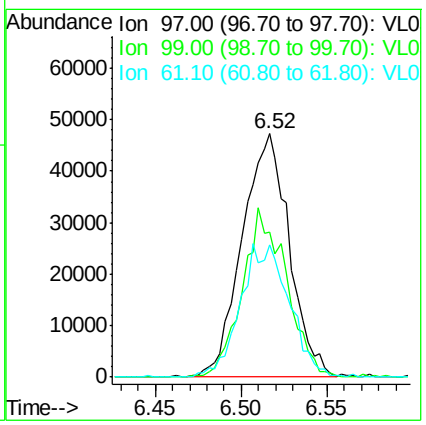


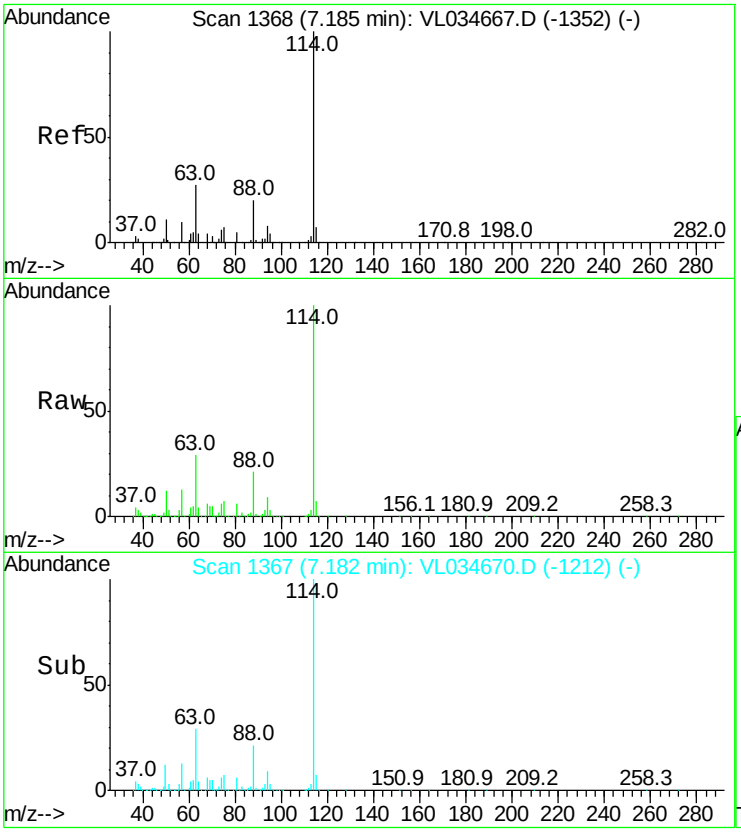


#32
1,1,1-Trichloroethane
Concen: 0.421 ppbv
RT: 6.52 min Scan# 1160
Delta R.T. 0.00 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Tgt Ion: 97 Resp: 89747

Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.2	78.2
61	56.7	44.5	66.7



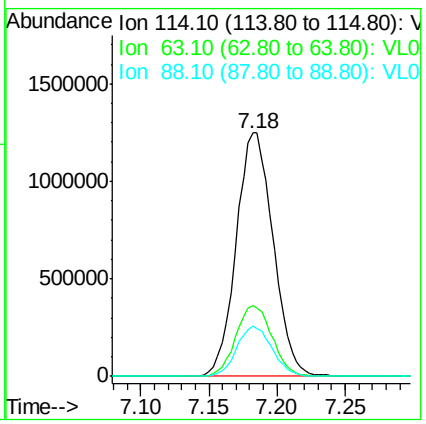


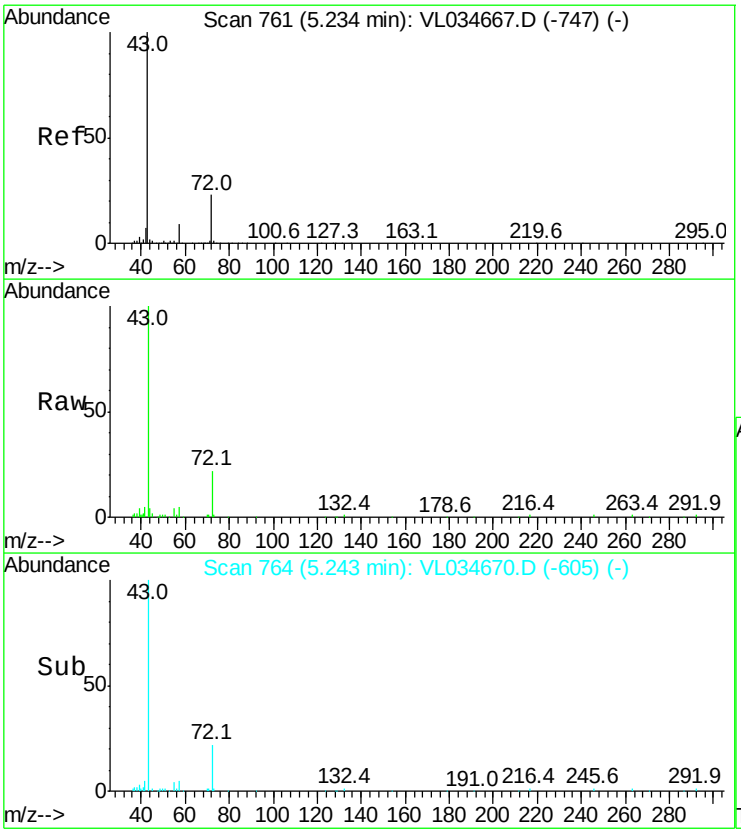
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:114 Resp: 2345893

Ion	Ratio	Lower	Upper
114	100		
63	28.6	23.1	34.7
88	19.8	15.6	23.4

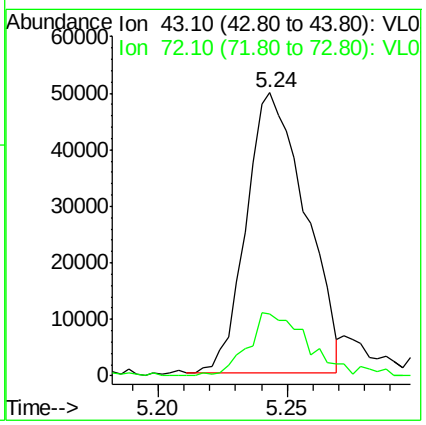


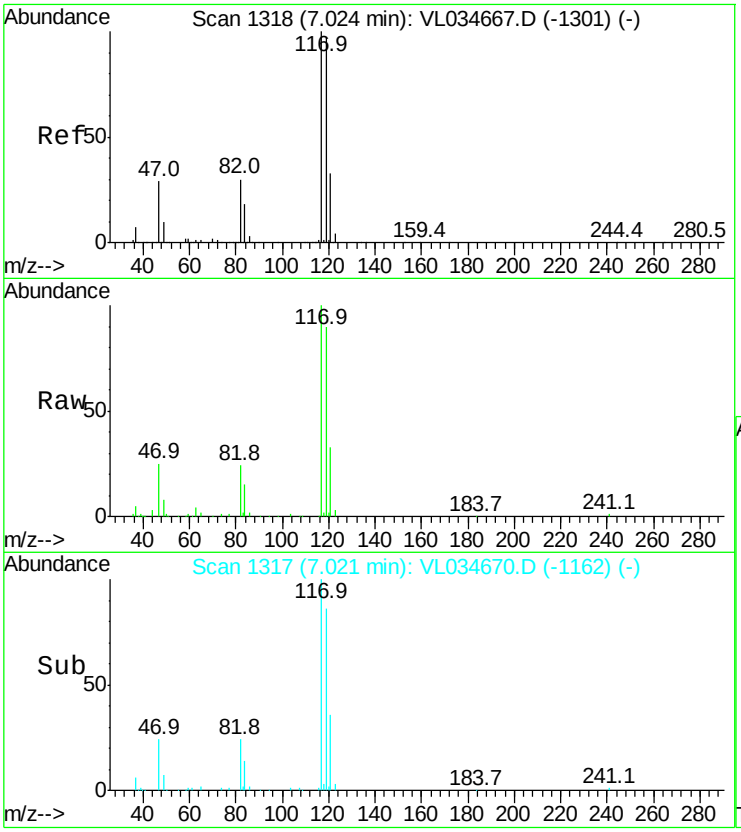


#34
2-Butanone
Concen: 0.465 ppbv
RT: 5.24 min Scan# 764
Delta R.T. 0.01 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Tgt Ion: 43 Resp: 79263

Ion	Ratio	Lower	Upper
43	100		
72	23.6	17.8	26.8



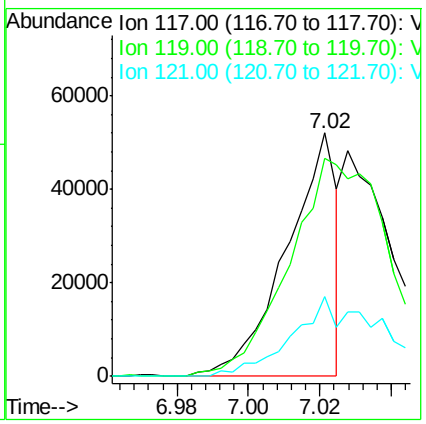


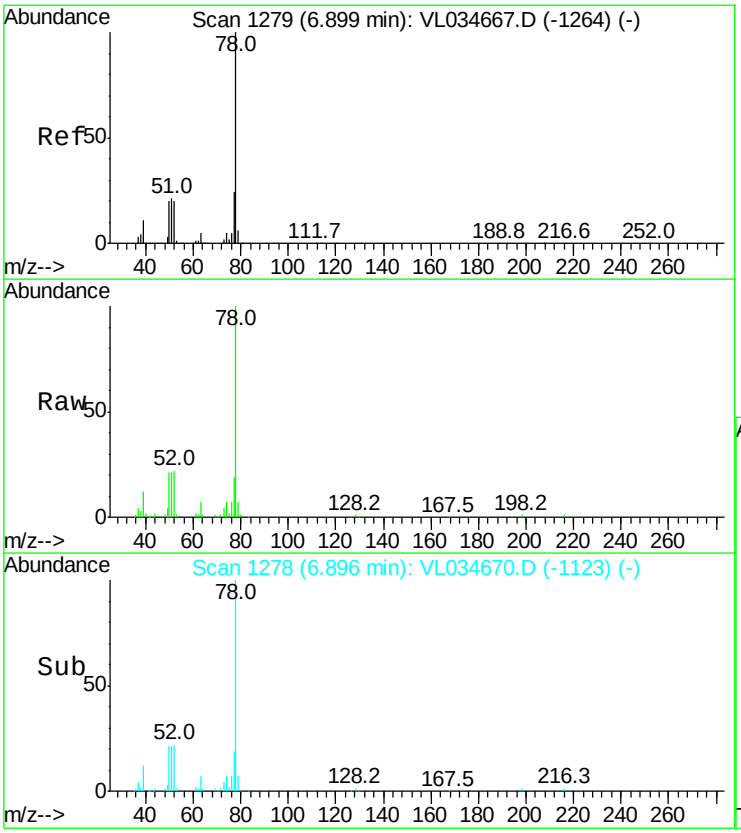
#35
Carbon Tetrachloride
Concen: 0.226 ppbv
RT: 7.02 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:117 Resp: 50670

Ion	Ratio	Lower	Upper
117	100		
119	89.7	77.2	115.8
121	33.0	26.1	39.1

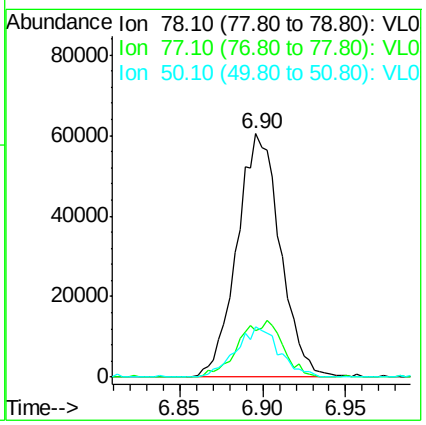


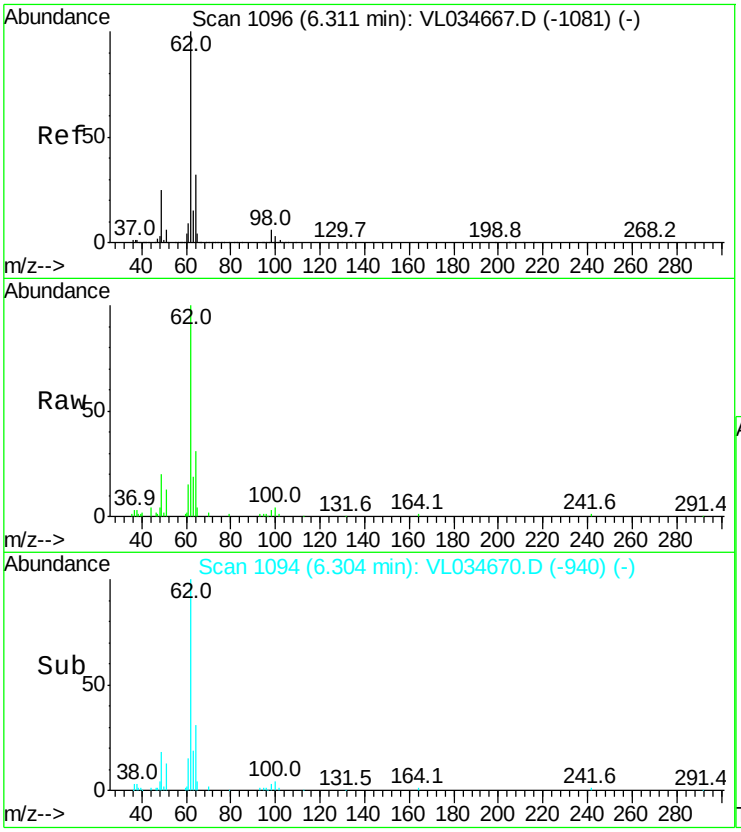


#36
Benzene
Concen: 0.527 ppbv
RT: 6.90 min Scan# 1278
Delta R.T. -0.00 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Tgt Ion: 78 Resp: 109920

Ion	Ratio	Lower	Upper
78	100		
77	19.0	19.2	28.8#
50	20.5	15.9	23.9



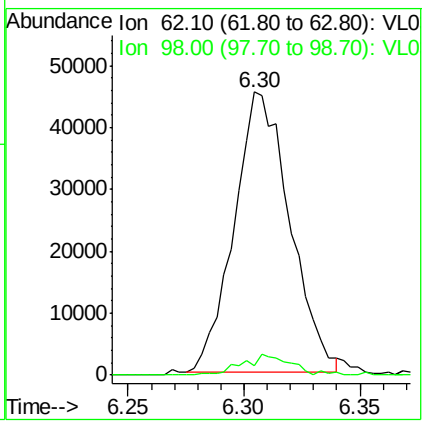


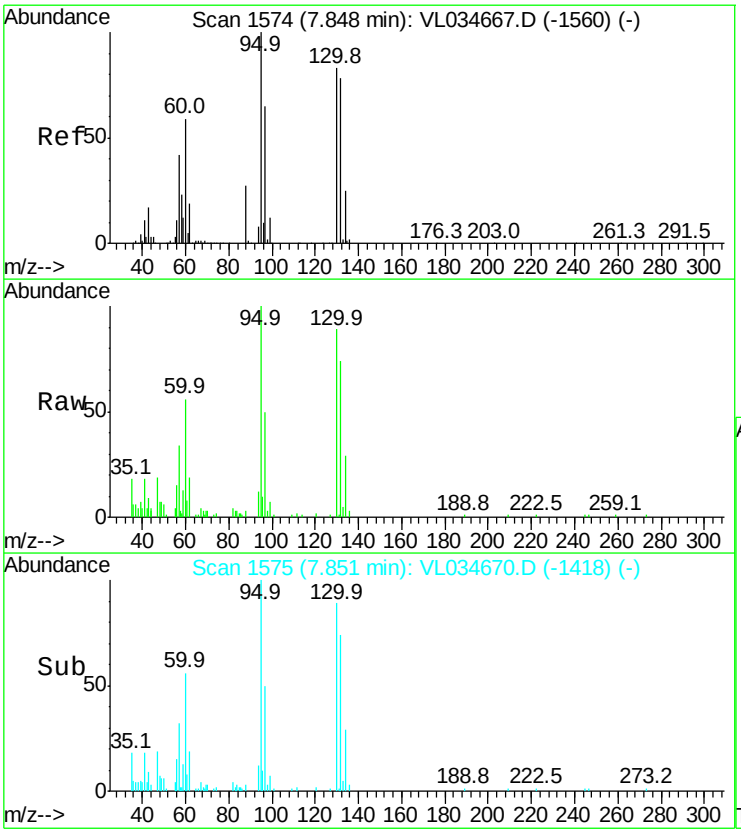
#37
1,2-Dichloroethane
Concen: 0.437 ppbv
RT: 6.30 min Scan# 1094
Delta R.T. -0.01 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 62 Resp: 76102

Ion	Ratio	Lower	Upper
62	100		
98	6.7	4.5	6.7

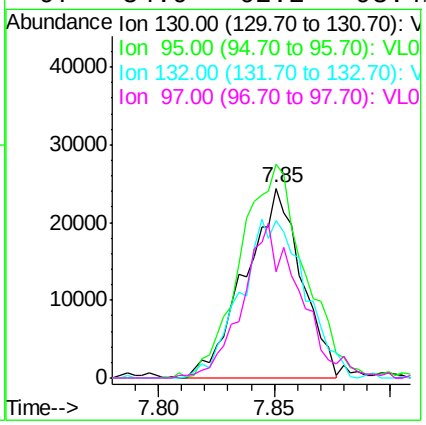


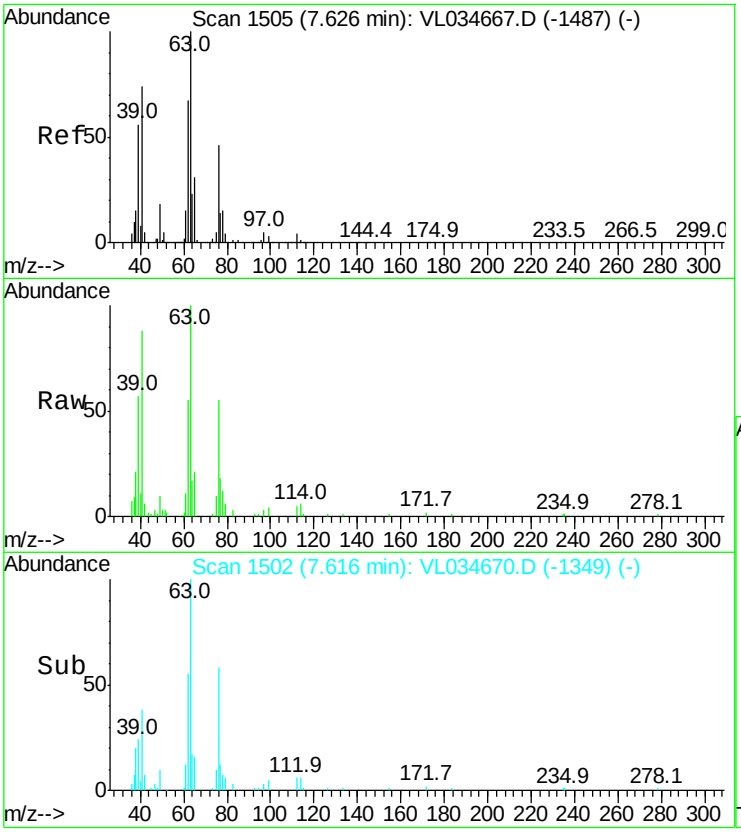


#38
Trichloroethene
Concen: 0.469 ppbv
RT: 7.85 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Tgt Ion:130 Resp: 41214

Ion	Ratio	Lower	Upper
130	100		
95	111.7	96.1	144.1
132	82.1	74.6	112.0
97	54.9	62.2	93.4#



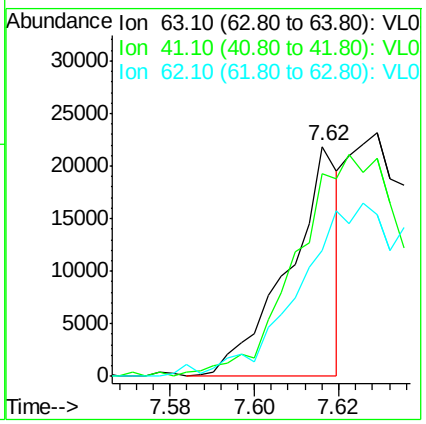


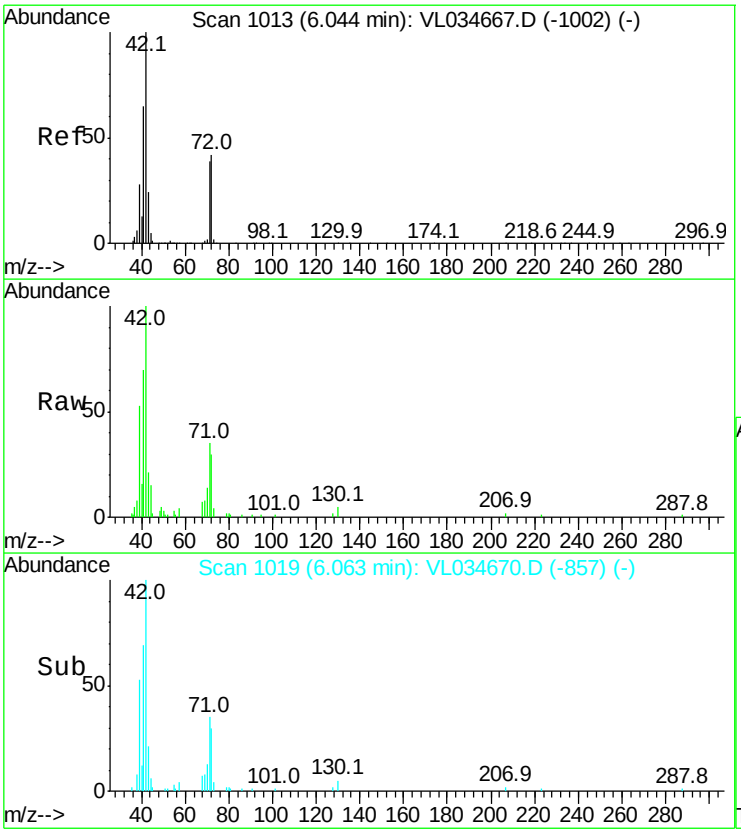
#39
1,2-Dichloropropane
Concen: 0.209 ppbv
RT: 7.62 min Scan# 1502
Delta R.T. -0.01 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 63 Resp: 18090

Ion	Ratio	Lower	Upper
63	100		
41	86.1	58.9	88.3
62	49.3	53.8	80.8#

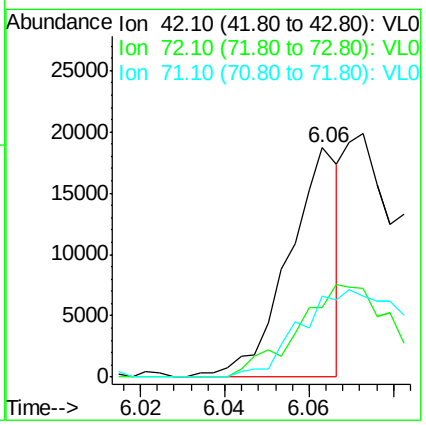


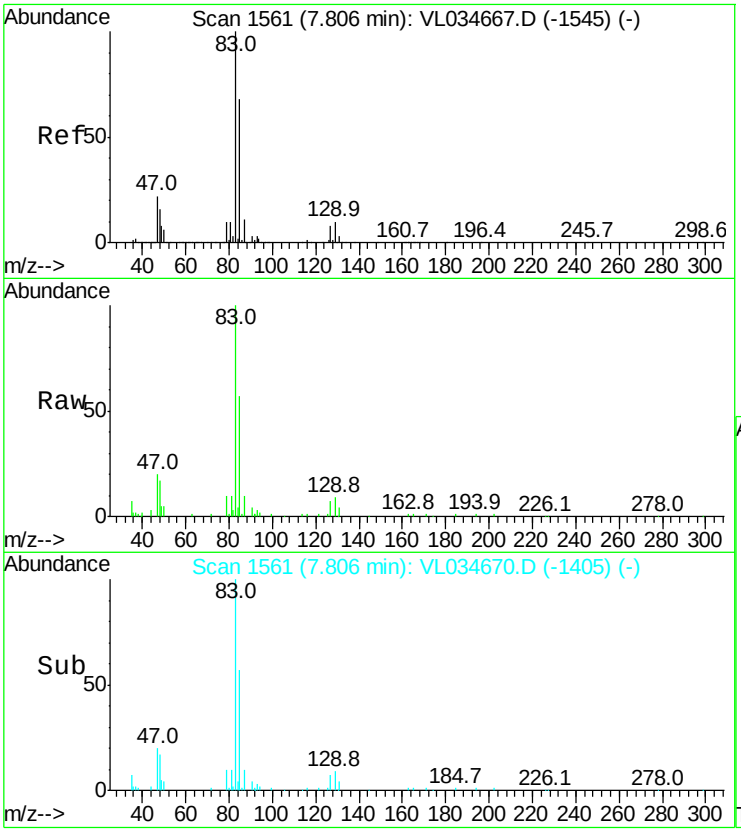


#41
Tetrahydrofuran
Concen: 0.175 ppbv
RT: 6.06 min Scan# 1019
Delta R.T. 0.02 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Tgt Ion: 42 Resp: 15513

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.5	47.3#
71	0.0	30.3	45.5#



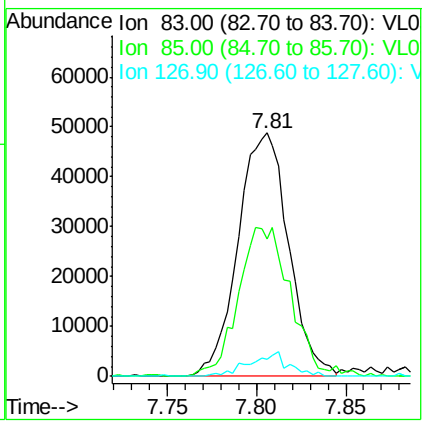


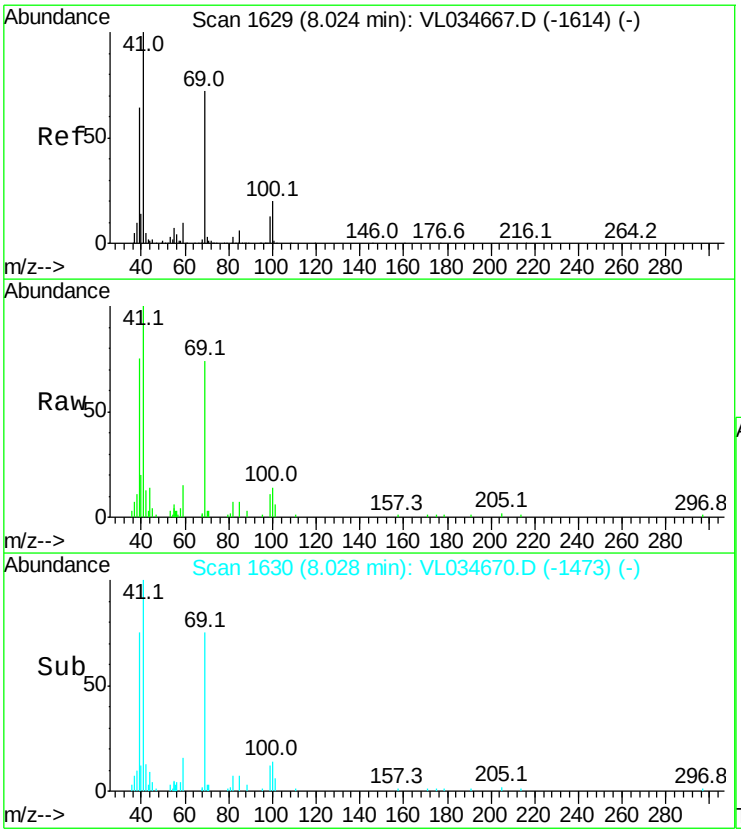
#42
Bromodichloromethane
Concen: 0.451 ppbv
RT: 7.81 min Scan# 1561
Delta R.T. 0.00 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 83 Resp: 96616

Ion	Ratio	Lower	Upper
83	100		
85	56.7	54.2	81.4
127	6.8	6.2	9.4

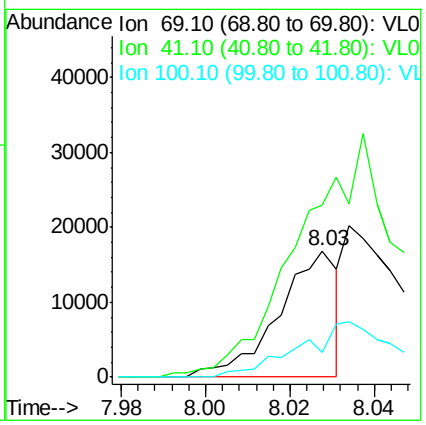


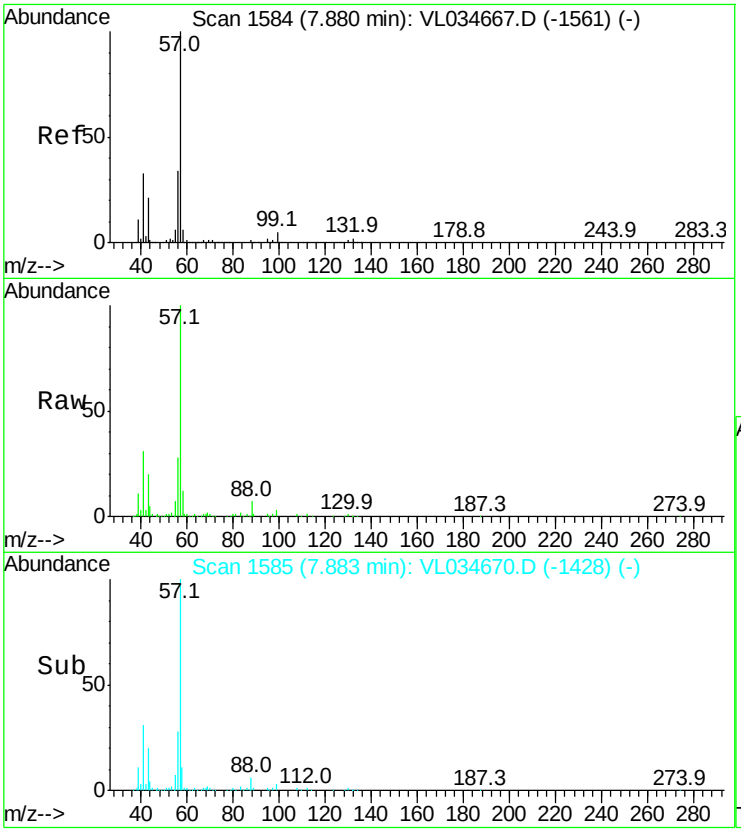


#43
Methyl Methacrylate
Concen: 0.195 ppbv
RT: 8.03 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Tgt Ion: 69 Resp: 16333

Ion	Ratio	Lower	Upper
69	100		
41	0.0	116.4	174.6#
100	0.0	24.3	36.5#



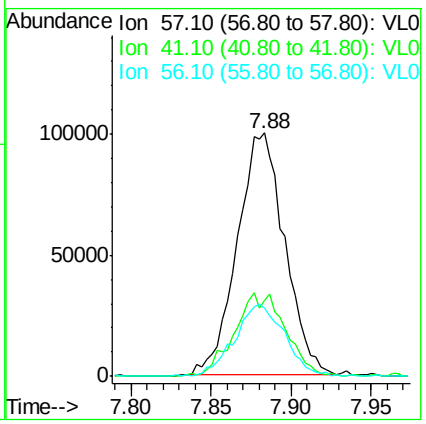


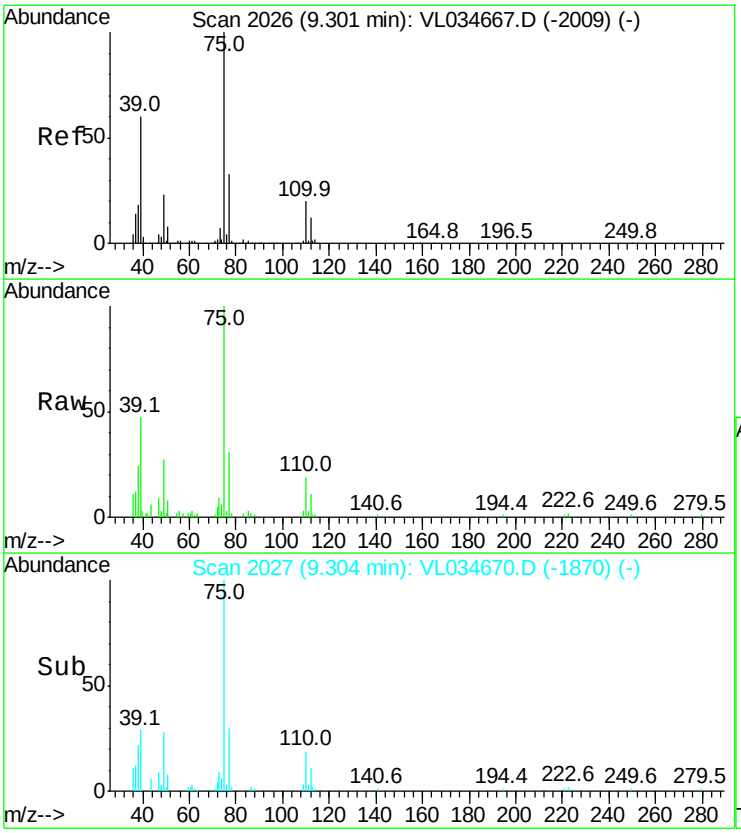
#44
2,2,4-Trimethylpentane
Concen: 0.533 ppbv
RT: 7.88 min Scan# 1585
Delta R.T. 0.00 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 57 Resp: 201716

Ion	Ratio	Lower	Upper
57	100		
41	37.3	26.1	39.1
56	31.8	25.4	38.2

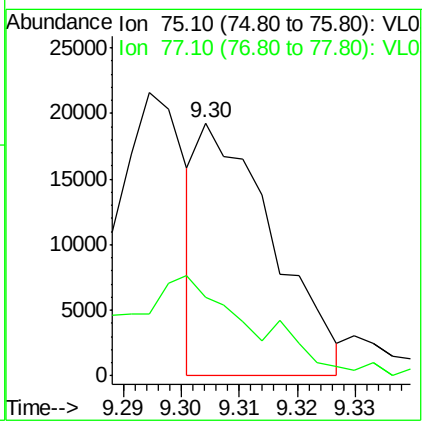


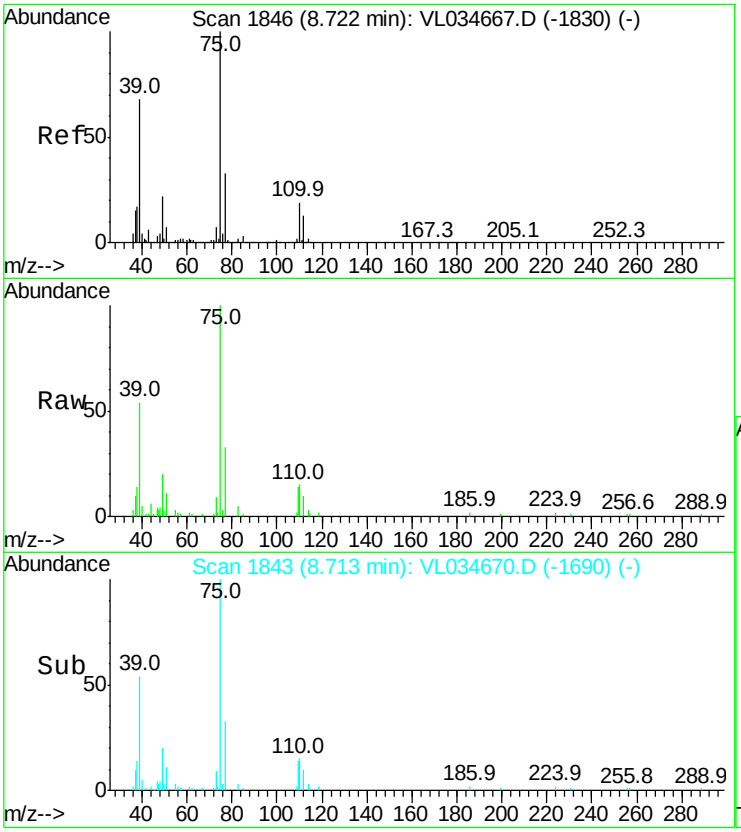


#45
t-1,3-Dichloropropene
Concen: 0.157 ppbv
RT: 9.30 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Tgt Ion: 75 Resp: 17234

Ion	Ratio	Lower	Upper
75	100		
77	30.9	26.3	39.5



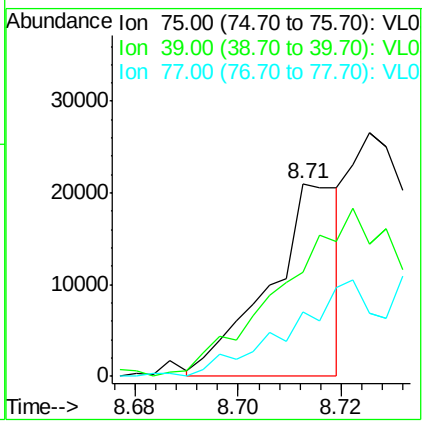


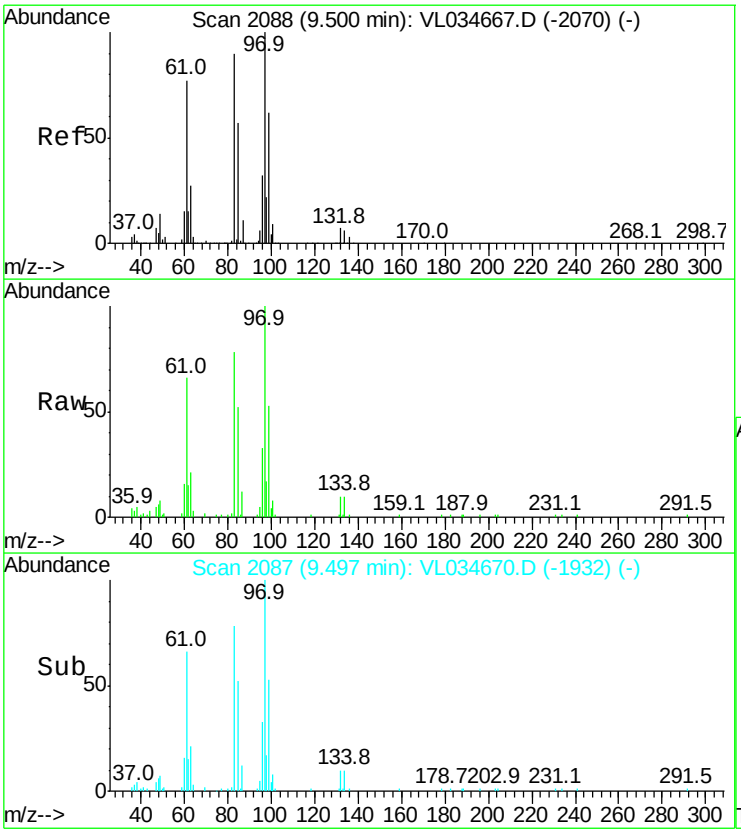
#46
cis-1,3-Dichloropropene
Concen: 0.158 ppbv
RT: 8.71 min Scan# 1843
Delta R.T. -0.01 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 75 Resp: 19780

Ion	Ratio	Lower	Upper
75	100		
39	52.0	54.7	82.1#
77	34.4	26.6	40.0

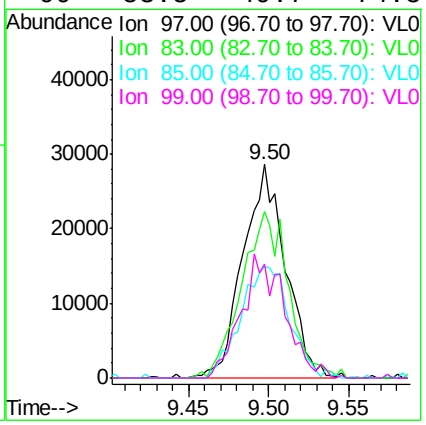


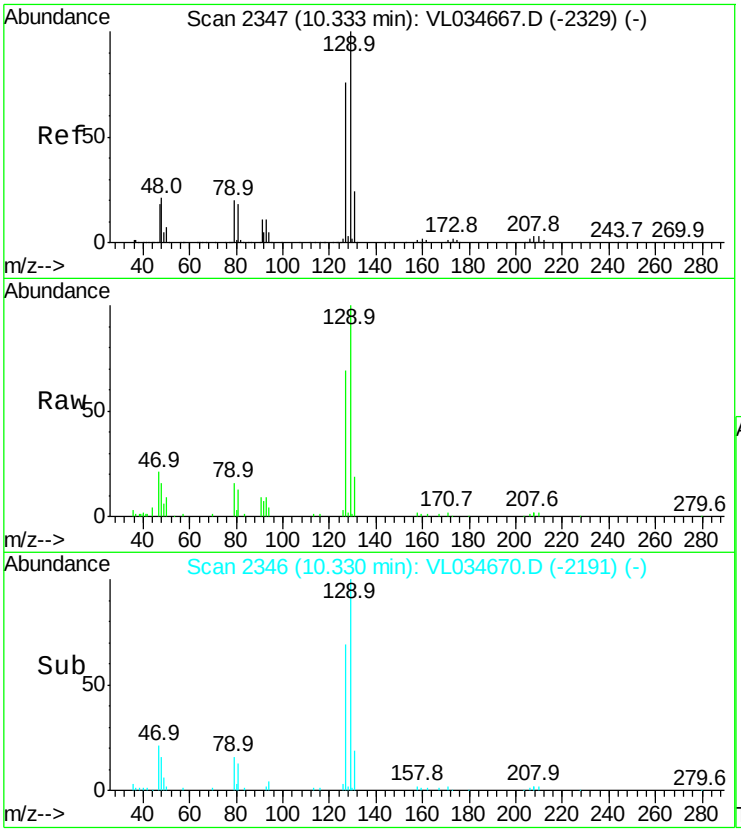


#47
1,1,2-Trichloroethane
Concen: 0.554 ppbv
RT: 9.50 min Scan# 2087
Delta R.T. -0.00 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Tgt Ion: 97 Resp: 51926

Ion	Ratio	Lower	Upper
97	100		
83	78.1	72.3	108.5
85	52.1	45.8	68.8
99	53.5	49.7	74.5



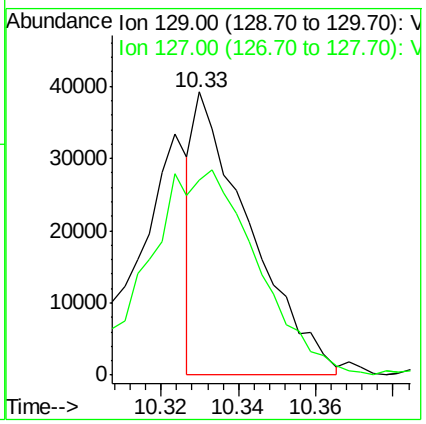


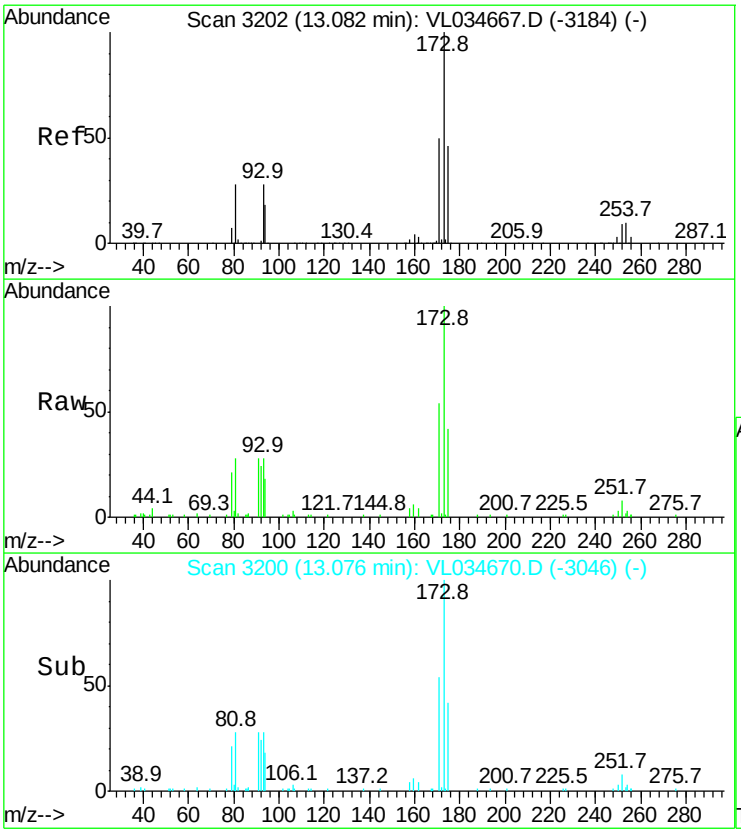
#48
Dibromochloromethane
Concen: 0.228 ppbv
RT: 10.33 min Scan# 2346
Delta R.T. -0.00 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:129 Resp: 39146

Ion	Ratio	Lower	Upper
129	100		
127	147.0	39.1	117.3#

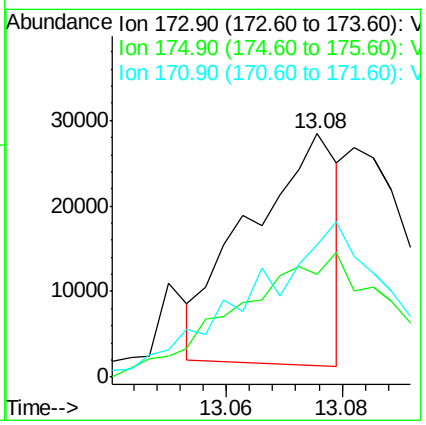


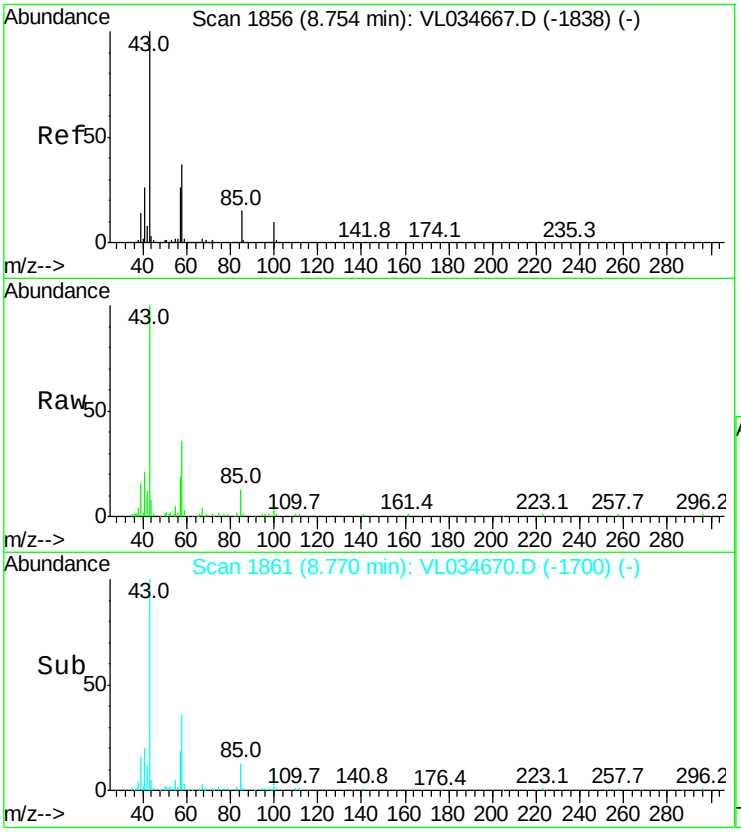


#49
Bromoform
Concen: 0.191 ppbv
RT: 13.08 min Scan# 3200
Delta R.T. -0.01 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Tgt Ion:173 Resp: 28732

Ion	Ratio	Lower	Upper
173	100		
175	0.0	39.0	58.4#
171	0.0	41.0	61.6#



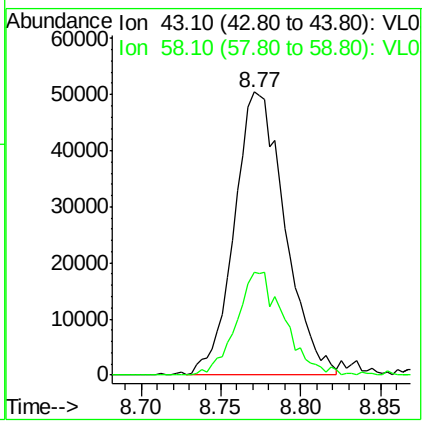


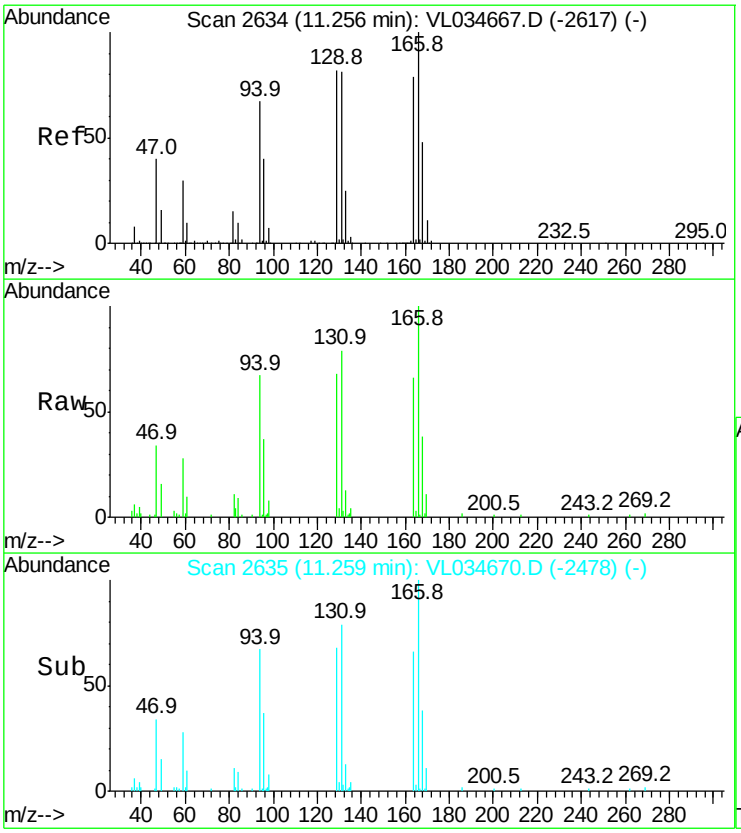
#50
4-Methyl-2-Pentanone
Concen: 0.448 ppbv
RT: 8.77 min Scan# 1861
Delta R.T. 0.02 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 43 Resp: 108942

Ion	Ratio	Lower	Upper
43	100		
58	34.8	29.5	44.3

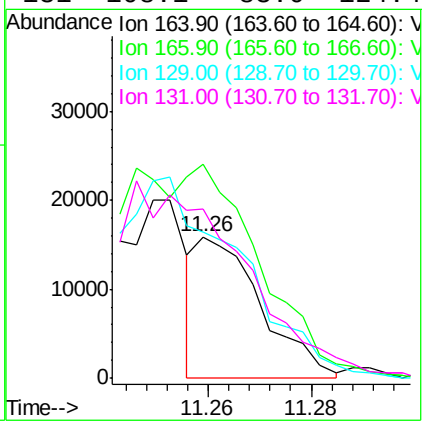


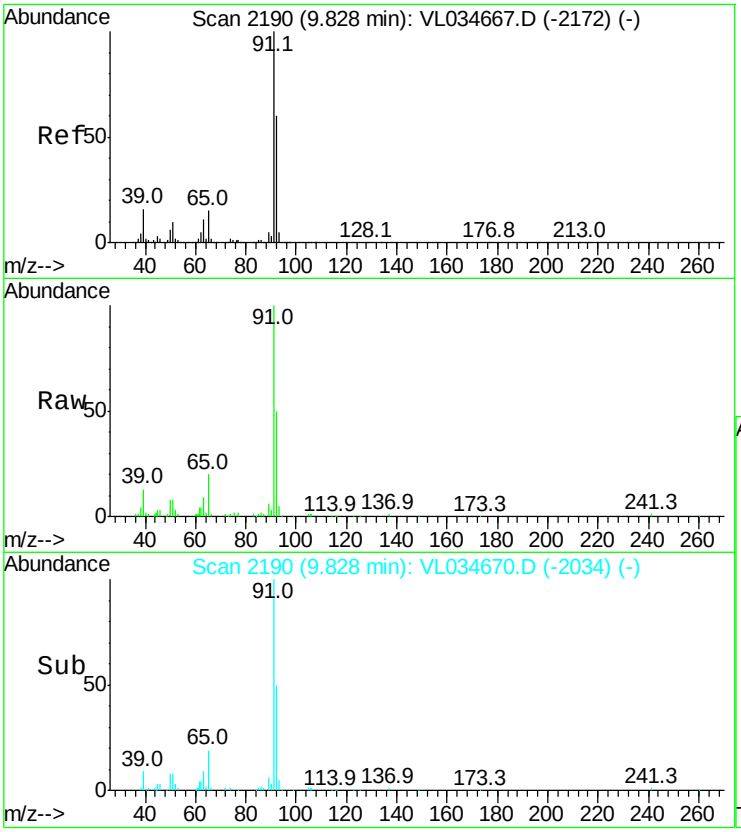


#52
Tetrachloroethene
Concen: 0.163 ppbv
RT: 11.26 min Scan# 2635
Delta R.T. 0.00 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Tgt Ion:164 Resp: 13651

Ion	Ratio	Lower	Upper
164	100		
166	145.8	101.4	152.2
129	97.4	83.5	125.3
131	108.1	83.0	124.4



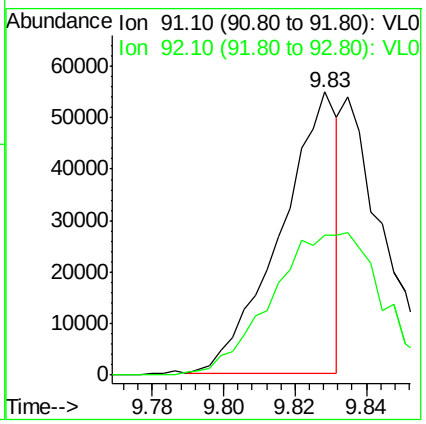


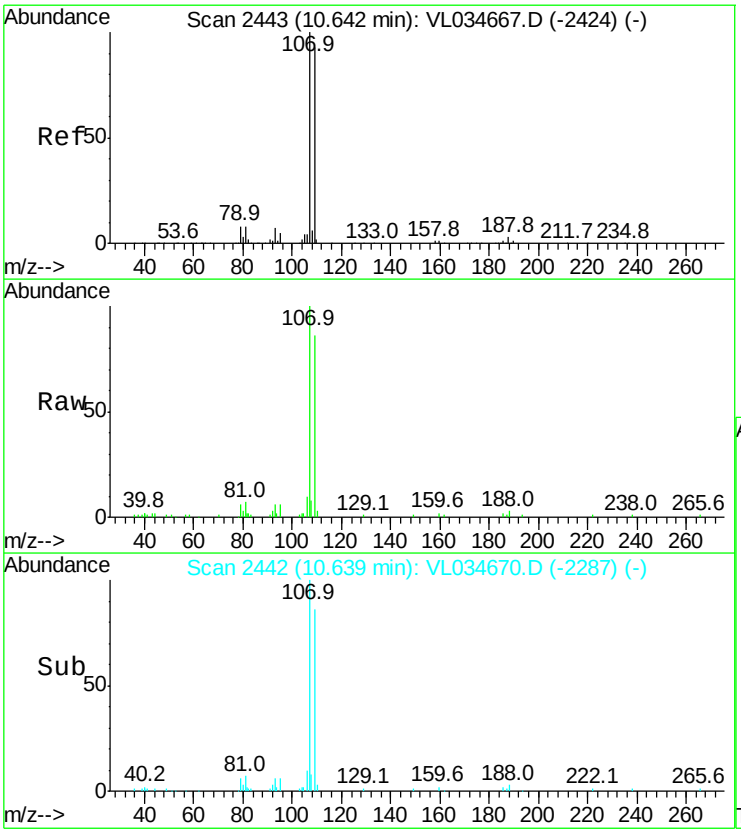
#53
Toluene
Concen: 0.265 ppbv
RT: 9.83 min Scan# 2190
Delta R.T. 0.00 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 91 Resp: 60803

Ion	Ratio	Lower	Upper
91	100		
92	0.0	48.2	72.2#

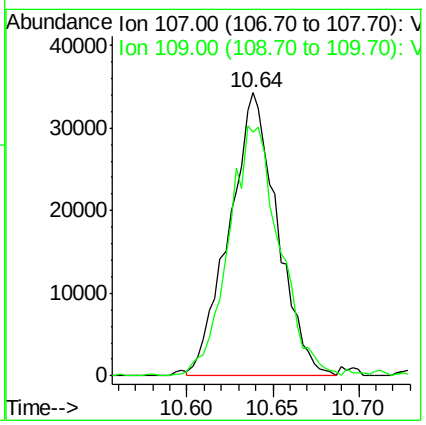


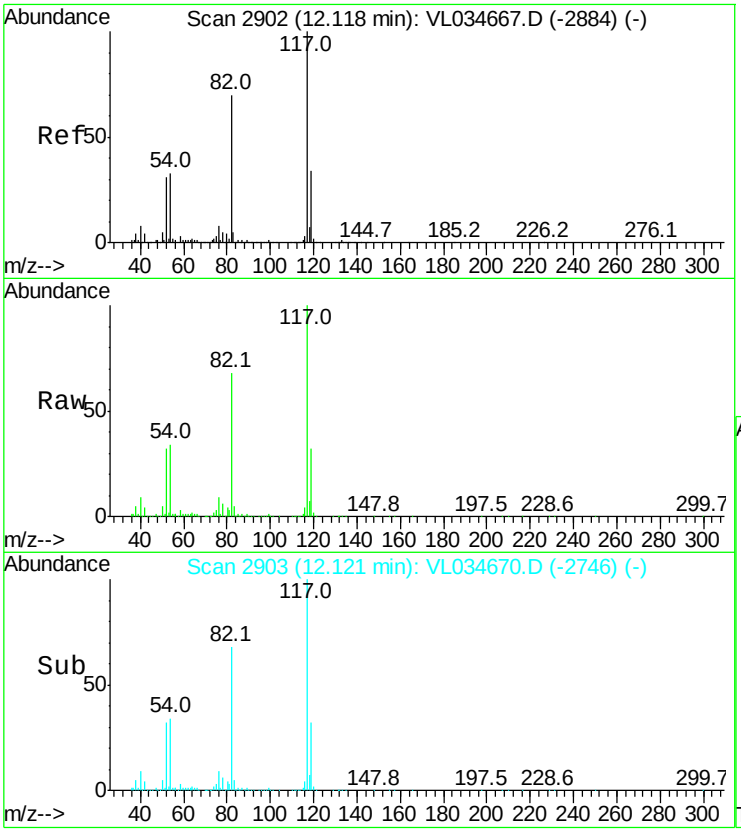


#54
1,2-Dibromoethane
Concen: 0.476 ppbv
RT: 10.64 min Scan# 2442
Delta R.T. -0.00 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Tgt Ion:107 Resp: 66814

Ion	Ratio	Lower	Upper
107	100		
109	84.8	74.2	111.4



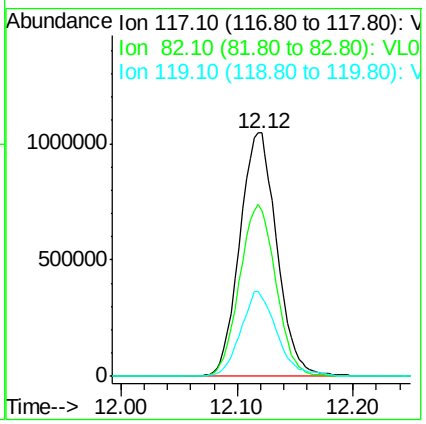


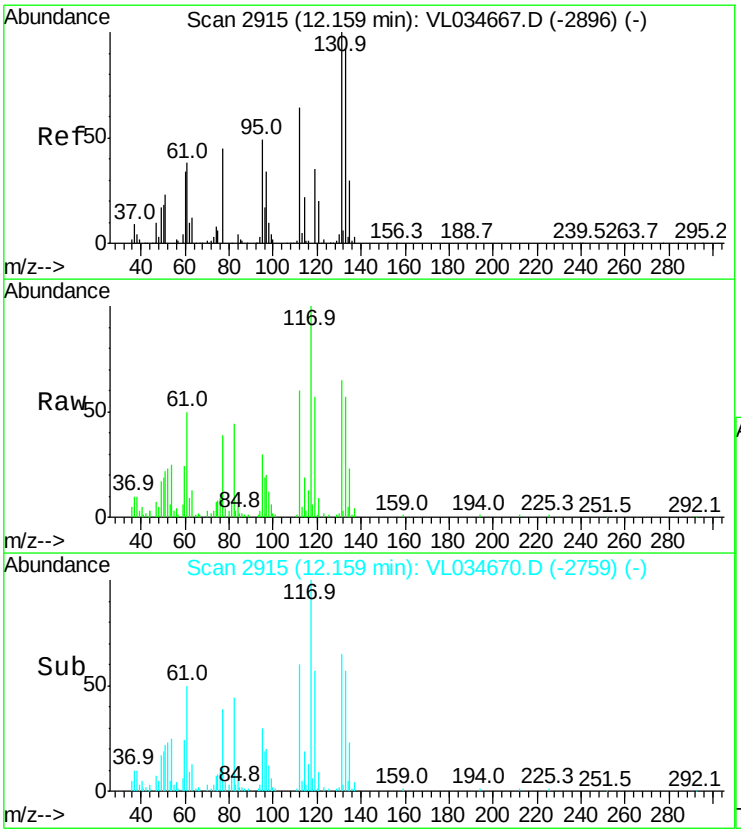
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. 0.00 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:117 Resp: 2327385

Ion	Ratio	Lower	Upper
117	100		
82	69.3	54.2	81.4
119	34.1	44.2	66.2#

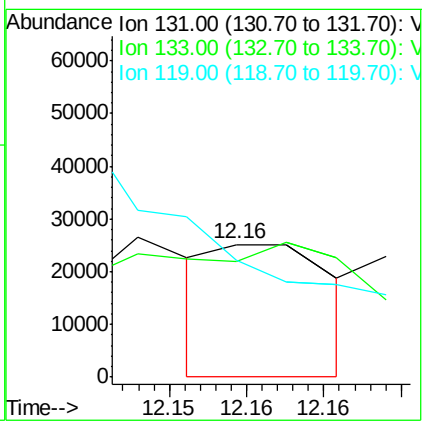


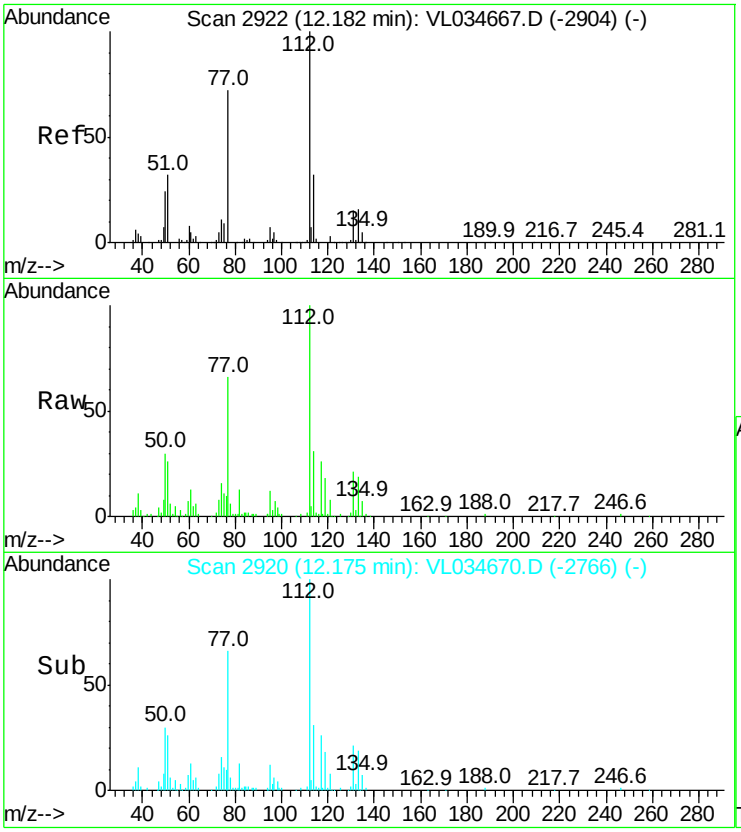


#56
1,1,1,2-Tetrachloroethane
Concen: 0.116 ppbv
RT: 12.16 min Scan# 2915
Delta R.T. 0.00 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Tgt Ion:131 Resp: 13353

Ion	Ratio	Lower	Upper
131	100		
133	389.6	77.0	115.4#
119	0.0	114.8	172.2#



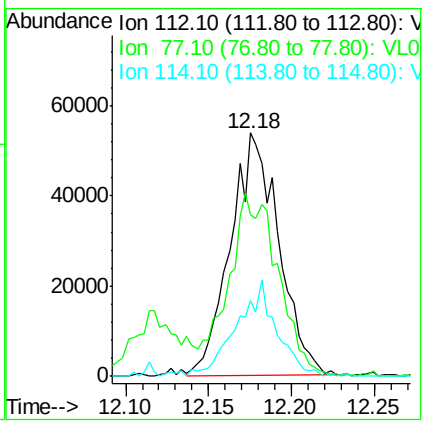


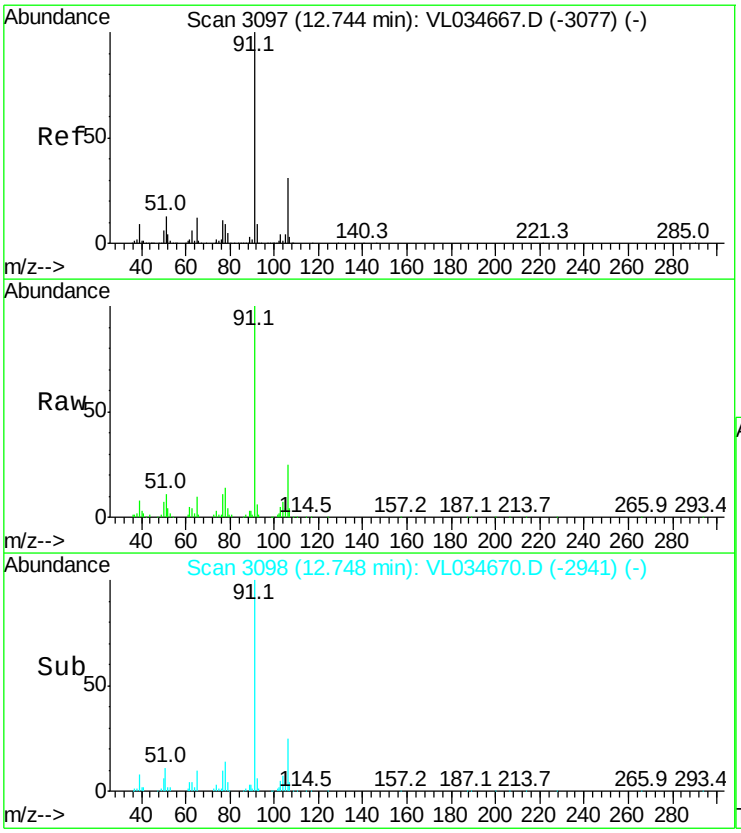
#57
Chlorobenzene
Concen: 0.570 ppbv
RT: 12.18 min Scan# 2920
Delta R.T. -0.01 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion:112 Resp: 109168

Ion	Ratio	Lower	Upper
112	100		
77	65.6	58.9	88.3
114	31.2	29.1	35.5

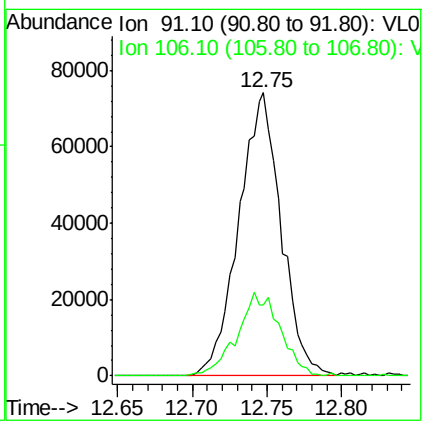


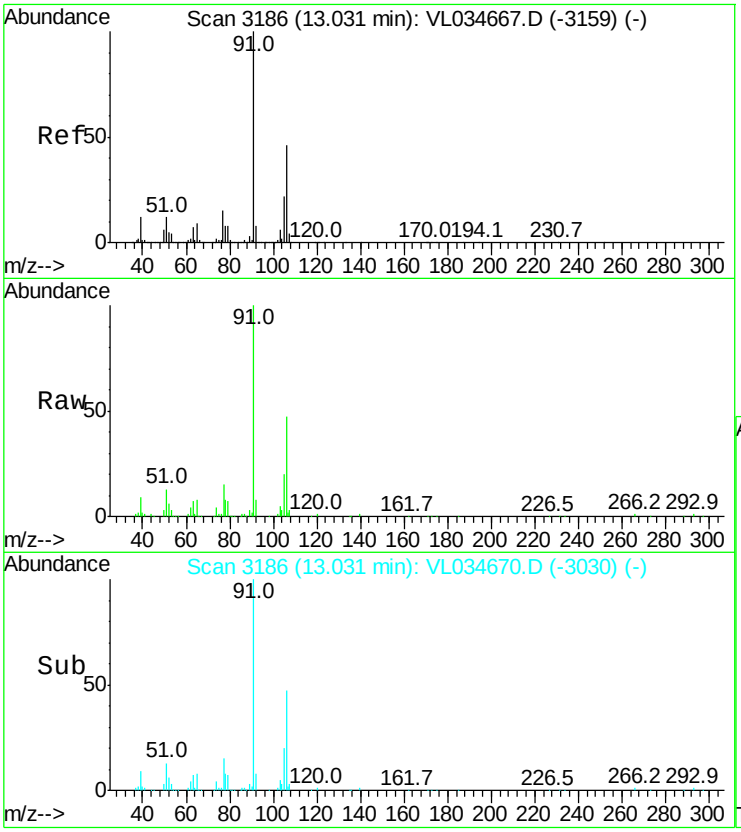


#58
Ethyl Benzene
Concen: 0.468 ppbv
RT: 12.75 min Scan# 3098
Delta R.T. 0.00 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Tgt Ion: 91 Resp: 145873

Ion	Ratio	Lower	Upper
91	100		
106	25.1	24.6	36.8



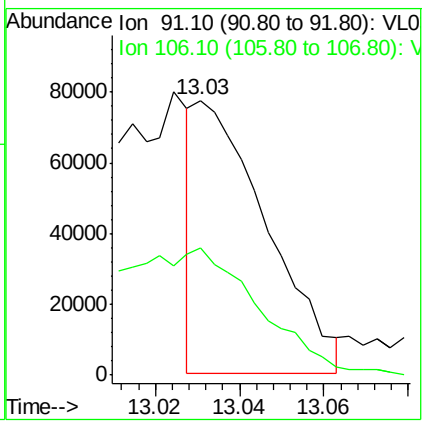


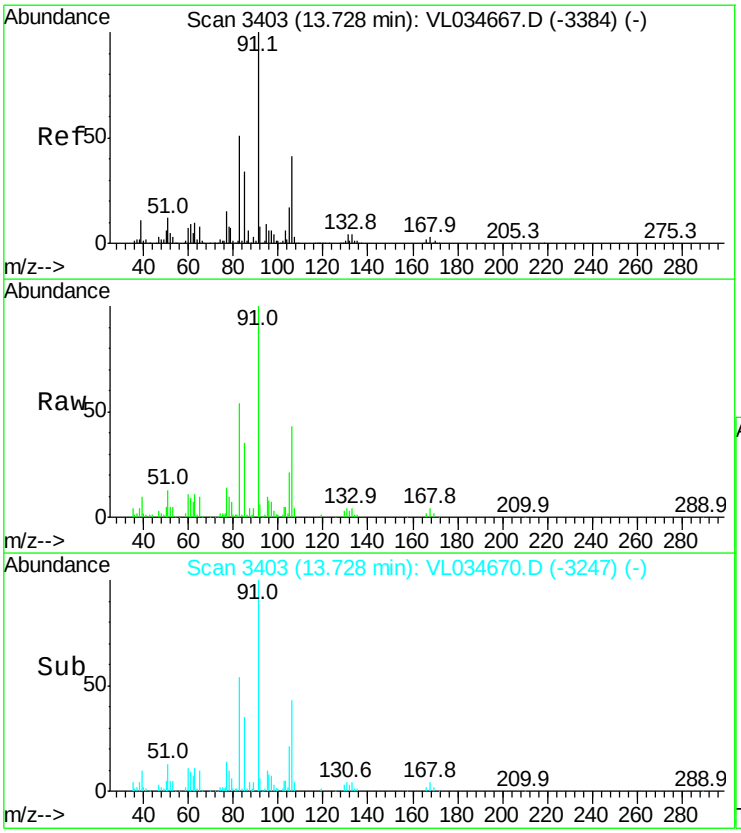
#59
m/p-Xylene
Concen: 0.328 ppbv
RT: 13.03 min Scan# 3186
Delta R.T. 0.00 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 91 Resp: 90378

Ion	Ratio	Lower	Upper
91	100		
106	133.7	35.9	53.9#

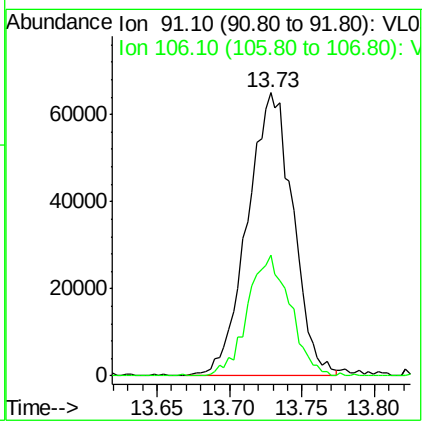


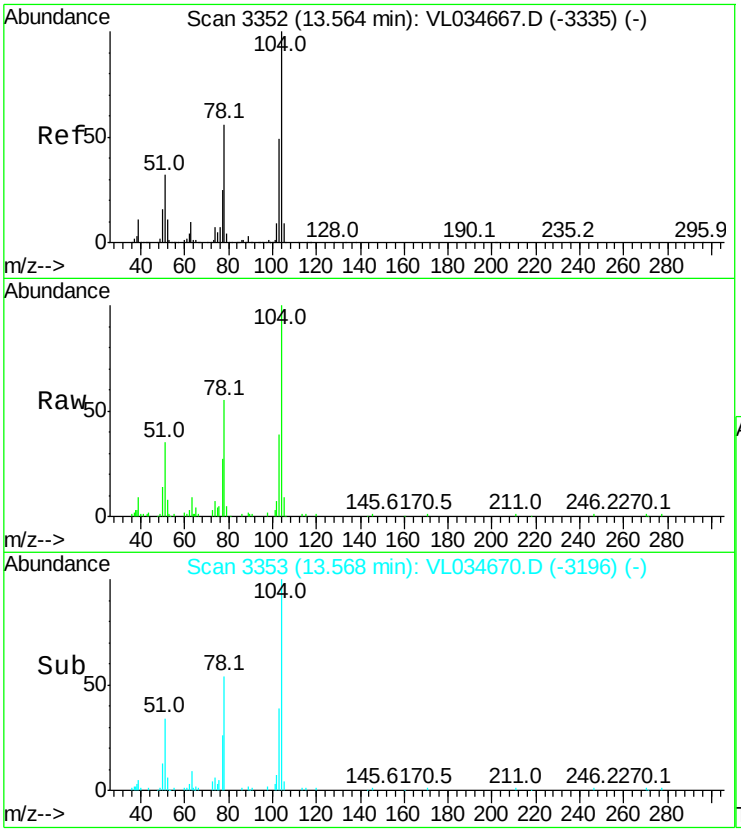


#60
o-Xylene
Concen: 0.515 ppbv
RT: 13.73 min Scan# 3403
Delta R.T. 0.00 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Tgt Ion: 91 Resp: 142255

Ion	Ratio	Lower	Upper
91	100		
106	39.9	22.1	66.1



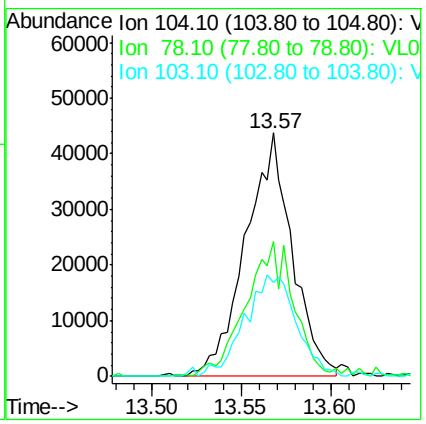


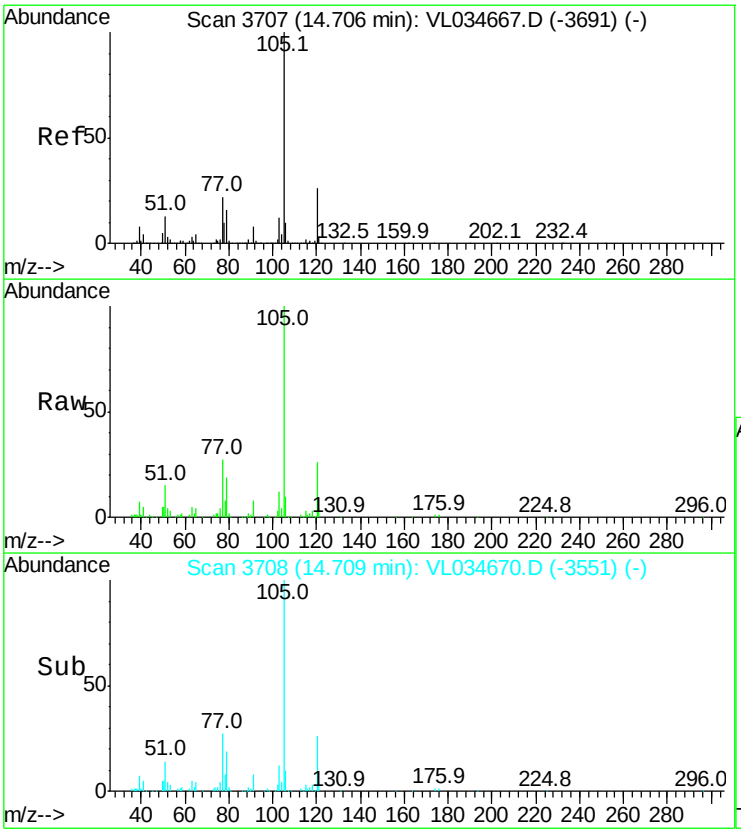
#61
Styrene
Concen: 0.432 ppbv
RT: 13.57 min Scan# 3353
Delta R.T. 0.00 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:104 Resp: 79654

Ion	Ratio	Lower	Upper
104	100		
78	58.9	44.9	67.3
103	47.1	38.5	57.7

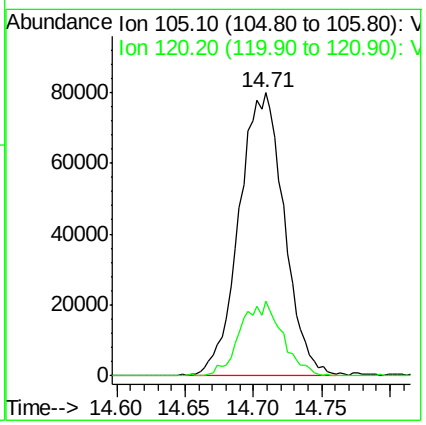


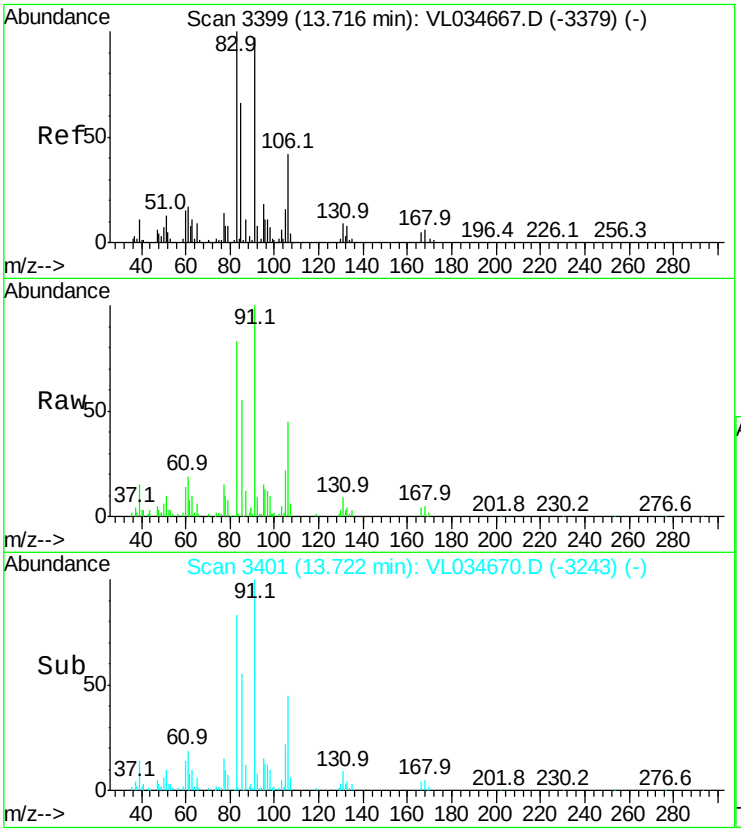


#62
Isopropylbenzene
Concen: 0.509 ppbv
RT: 14.71 min Scan# 3708
Delta R.T. 0.00 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Tgt Ion:105 Resp: 182369

Ion	Ratio	Lower	Upper
105	100		
120	24.8	20.7	31.1



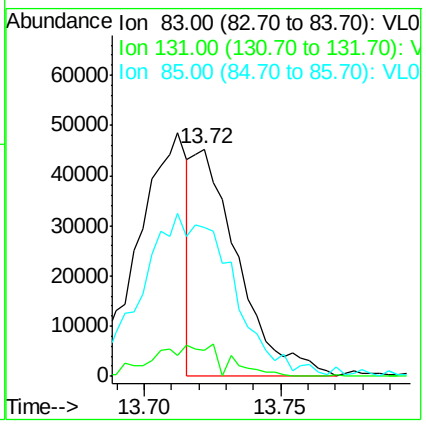


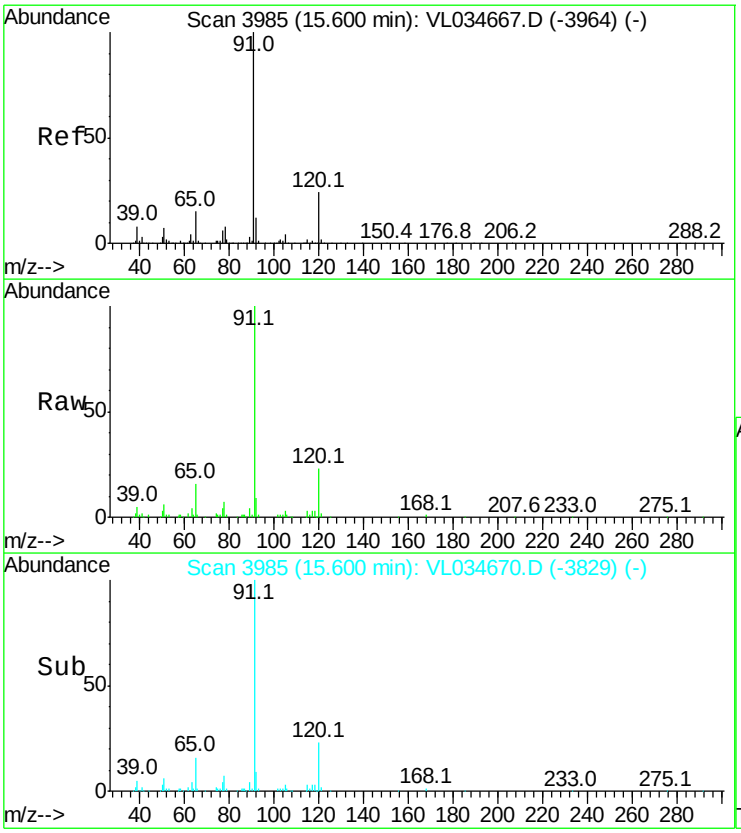
#63
1,1,2,2-Tetrachloroethane
Concen: 0.245 ppbv
RT: 13.72 min Scan# 3401
Delta R.T. 0.01 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 83 Resp: 52414

Ion	Ratio	Lower	Upper
83	100		
131	22.3	4.5	13.4#
85	0.0	32.6	98.0#

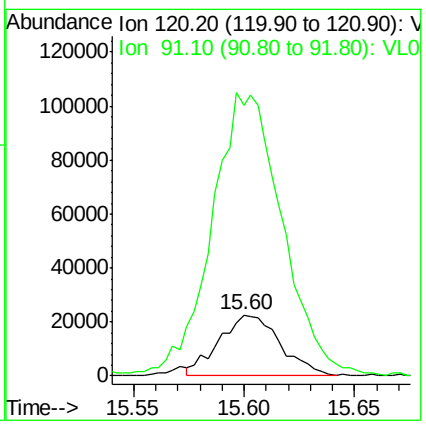


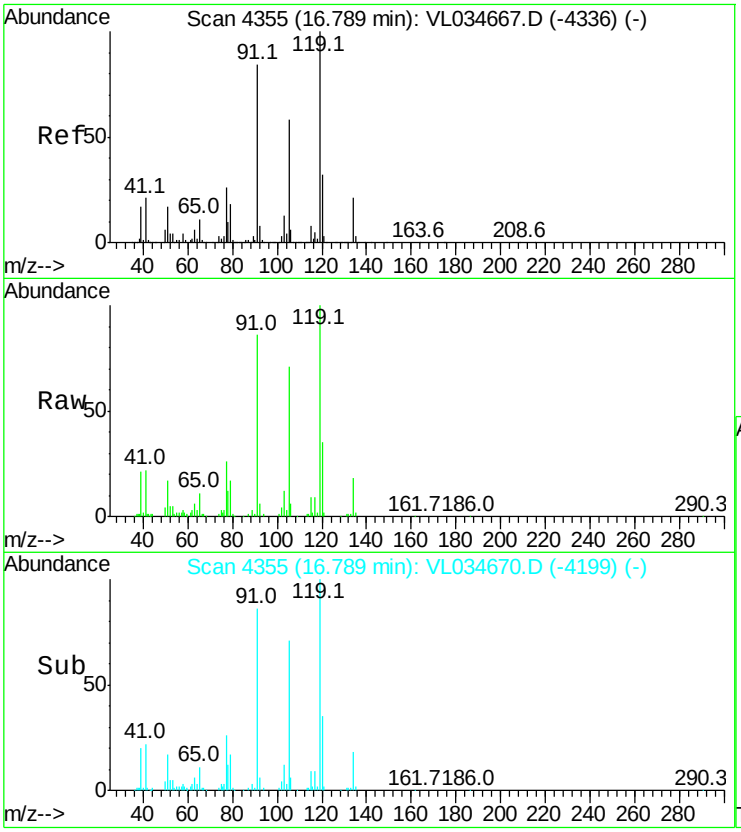


#64
n-propylbenzene
Concen: 0.472 ppbv
RT: 15.60 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Tgt Ion:120 Resp: 43529

Ion	Ratio	Lower	Upper
120	100		
91	532.4	375.9	563.9



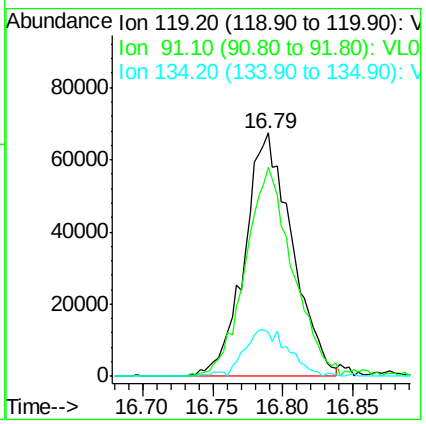


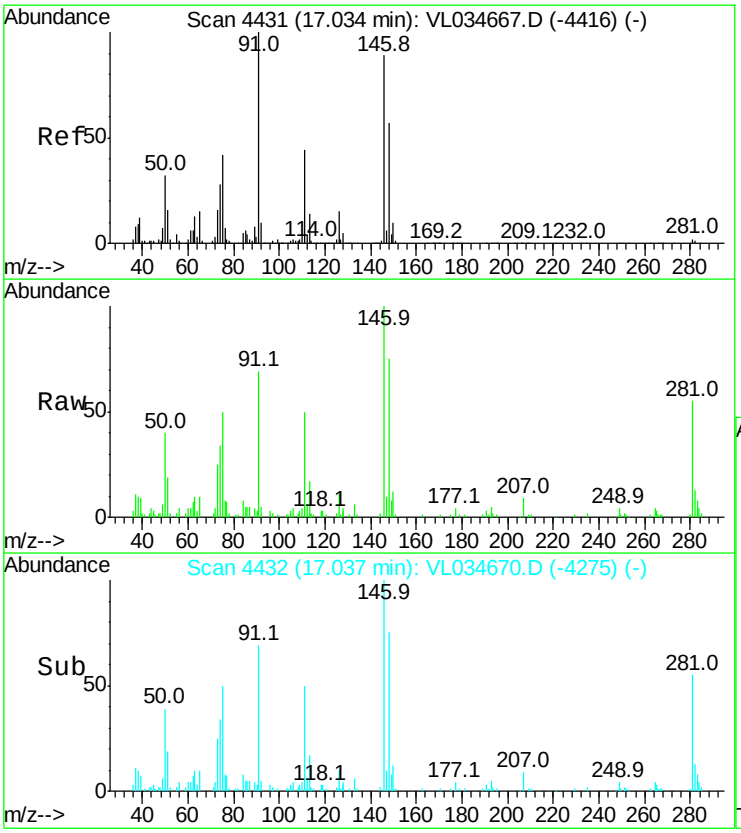
#65
tert-Butylbenzene
Concen: 0.489 ppbv
RT: 16.79 min Scan# 4355
Delta R.T. 0.00 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:119 Resp: 158882

Ion	Ratio	Lower	Upper
119	100		
91	87.5	68.9	103.3
134	18.3	15.6	23.4

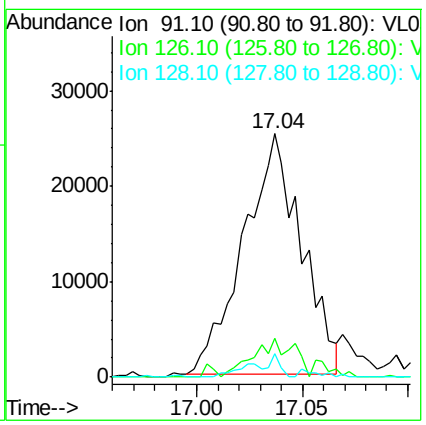


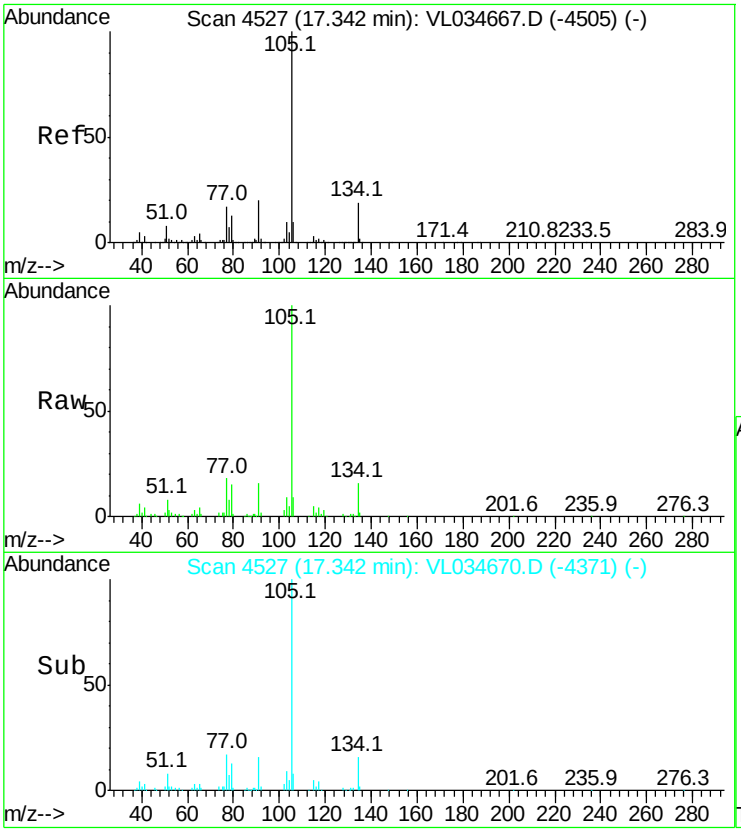


#66
Benzyl Chloride
Concen: 0.356 ppbv
RT: 17.04 min Scan# 4432
Delta R.T. 0.00 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Tgt Ion: 91 Resp: 48395

Ion	Ratio	Lower	Upper
91	100		
126	14.3	13.3	19.9
128	5.4	4.2	6.2



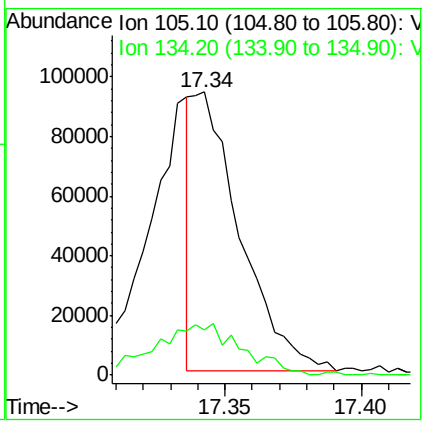


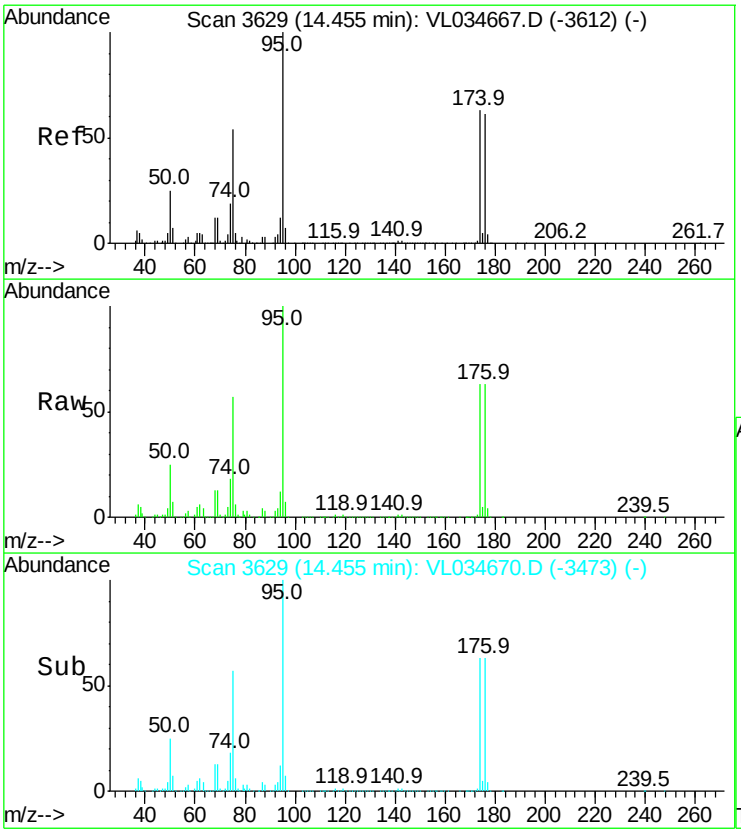
#67
sec-Butylbenzene
Concen: 0.251 ppbv
RT: 17.34 min Scan# 4527
Delta R.T. 0.00 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:105 Resp: 112103

Ion	Ratio	Lower	Upper
105	100		
134	35.3	14.6	21.8#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.891 ppbv
RT: 14.46 min Scan# 3629
Delta R.T. 0.00 min
Lab File: VL034670.D
Acq: 25 Feb 2020 13:13

Tgt Ion: 95 Resp: 1945474

Ion	Ratio	Lower	Upper
95	100		
174	64.0	51.2	76.8
175	4.7	3.8	5.6