Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022620\

Quantitation Report (Not Reviewed)

Data File : VL034679.D
Acq On : 26 Feb 2020 4:23
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 26 06:29:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 26 03:37:46 2020
QLast Update : Wed Feb 26 03:37:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	1121067	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.18	114	2348486	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.11	117	2294995	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.45	95	1921042	10.20	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.01	85	108141	0.624	ppbv		98
3) Chlorodifluoromethane	2.95	51	64073	0.472	ppbv		97
4) Chloromethane	3.11	50	33739	0.413	ppbv		92
5) Vinyl Chloride	3.23	62	32879	0.433	ppbv		97
6) Bromomethane	3.44	94	20534	0.518	ppbv	#	77
7) Chloroethane	3.53	64	13510	0.484	ppbv	#	81
8) Dichlorotetrafluoroethane	3.16	85	85950	0.494	ppbv		98
9) Propene	2.97	41	25958	0.473	ppbv		100
10) Heptane	8.13	43	59201	0.410	ppbv		96
11) Trichlorofluoromethane	3.93	101	82348	0.468	ppbv		88
12) 1,1,2-Trichlorotrifluoroet	4.47	101	60194	0.496	ppbv		98
13) Ethanol	3.59	45	7815	0.462	ppbv	#	60
14) Bromoethene	3.71	108	23519	0.470	ppbv	#	97
15) Acetone	3.84	43	70409	0.463	ppbv		95
16) 1,3-Butadiene	3.29	39	30439	0.470	ppbv		98
18) 1,1-Dichloroethene	4.27	96	25369	0.458	ppbv		89
19) Isopropyl Alcohol	3.96	45	46769	0.447	ppbv	#	91
20) Methylene Chloride	4.32	84	13739	0.247	ppbv		92
21) Allyl Chloride	4.40	41	43075	0.465	ppbv		96
22) trans-1,2-Dichloroethene	4.88	96	25304	0.466	ppbv	#	85
23) Vinyl Acetate	5.07	43	79875	0.424	ppbv	#	98
24) 1,1-Dichloroethane	5.00	63	75145	0.479	ppbv	#	95
25) Ethyl Acetate	5.68	43	113176	0.431	ppbv		98
26) Hexane	5.68	57	52024	0.447	ppbv		95
27) Carbon Disulfide	4.54	76	52943	0.400	ppbv	#	94
28) Methyl tert-Butyl Ether	5.03	73	70346	0.418	ppbv		95
29) Chloroform	5.74	83	89055	0.480	ppbv		89
30) Cyclohexane	7.14	84	27176	0.305	ppbv	#	70
31) cis-1,2-Dichloroethene	5.54	61	48296	0.428	ppbv		89
32) 1,1,1-Trichloroethane	6.51	97	74234	0.437	ppbv		97
34) 2-Butanone	5.25	43	73496	0.441	ppbv		100
35) Carbon Tetrachloride	7.02	117	76450	0.427	ppbv		88
36) Benzene	6.89	78	101942	0.461	ppbv		94
37) 1,2-Dichloroethane	6.31	62	65433	0.452	ppbv		100
38) Trichloroethene	7.85	130	37118	0.442	ppbv		88
39) 1,2-Dichloropropane	7.62	63	40136	0.441	ppbv	#	82
41) Tetrahydrofuran	6.07	42	31004	0.356	ppbv		91
42) Bromodichloromethane	7.80	83	79939	0.426	ppbv	#	93
43) Methyl Methacrylate	8.03	69	37896	0.437	ppbv		96
44) 2,2,4-Trimethylpentane	7.88	57	171753	0.432	ppbv		97
46) cis-1,3-Dichloropropene	8.71	75	22049	0.186	ppbv		94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022620\

Quantitation Report (Not Reviewed)

Data File : VL034679.D
Acq On : 26 Feb 2020 4:23
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 26 06:29:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 26 03:37:46 2020
QLast Update : Wed Feb 26 03:37:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 1,1,2-Trichloroethane	9.50	97	19861	0.206	ppbv		92
48) Dibromochloromethane	10.32	129	46332	0.314	ppbv		82
49) Bromoform	13.07	173	28162	0.218	ppbv	#	37
50) 4-Methyl-2-Pentanone	8.77	43	89464	0.378	ppbv		98
52) Tetrachloroethene	11.25	164	34210	0.438	ppbv		94
53) Toluene	9.83	91	92883	0.390	ppbv		98
54) 1,2-Dibromoethane	10.64	107	57789	0.431	ppbv		82
56) 1,1,1,2-Tetrachloroethane	12.16	131	27914	0.278	ppbv	#	23
57) Chlorobenzene	12.18	112	90323	0.476	ppbv		93
58) Ethyl Benzene	12.74	91	126751	0.415	ppbv		93
59) m/p-Xylene	13.02	91	109588	0.409	ppbv	#	32
60) o-Xylene	13.72	91	119259	0.446	ppbv		97
61) Styrene	13.56	104	60789	0.332	ppbv		93
62) Isopropylbenzene	14.70	105	97431	0.275	ppbv	#	57
63) 1,1,2,2-Tetrachloroethane	13.72	83	24322	0.114	ppbv	#	1
64) n-propylbenzene	15.60	120	26286	0.292	ppbv	#	1
65) tert-Butylbenzene	16.79	119	107133	0.347	ppbv	#	65
66) Benzyl Chloride	17.04	91	19987	0.168	ppbv	#	66
67) sec-Butylbenzene	17.33	105	109338	0.248	ppbv	#	64
69) p-Isopropyltoluene	17.69	119	171880	0.490	ppbv		97
70) n-Butylbenzene	18.60	91	187722	0.500	ppbv		95
71) 2-Chlorotoluene	15.49	91	73566	0.271	ppbv	#	45
72) 4-Ethyltoluene	15.88	105	120342	0.407	ppbv	#	96
73) 1,3,5-Trimethylbenzene	16.04	105	107350	0.383	ppbv		98
74) 1,2,4-Trimethylbenzene	16.80	105	144351	0.478	ppbv	#	91
75) 1,3-Dichlorobenzene	17.04	146	86928	0.491	ppbv		97
76) 1,4-Dichlorobenzene	17.18	146	52208	0.299	ppbv	#	23
77) 1,2-Dichlorobenzene	17.86	146	82979	0.486	ppbv		97
78) Hexachloro-1,3-Butadiene	23.42	225	49449	0.354	ppbv	#	40
79) Naphthalene	22.27	128	52315	0.228	ppbv		98
80) Naphthalene,2-methyl-	25.01	142	31022	0.641	ppbv		93
81) 1,2,4-Trichlorobenzene	21.98	180	21149	0.151	ppbv	#	12

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

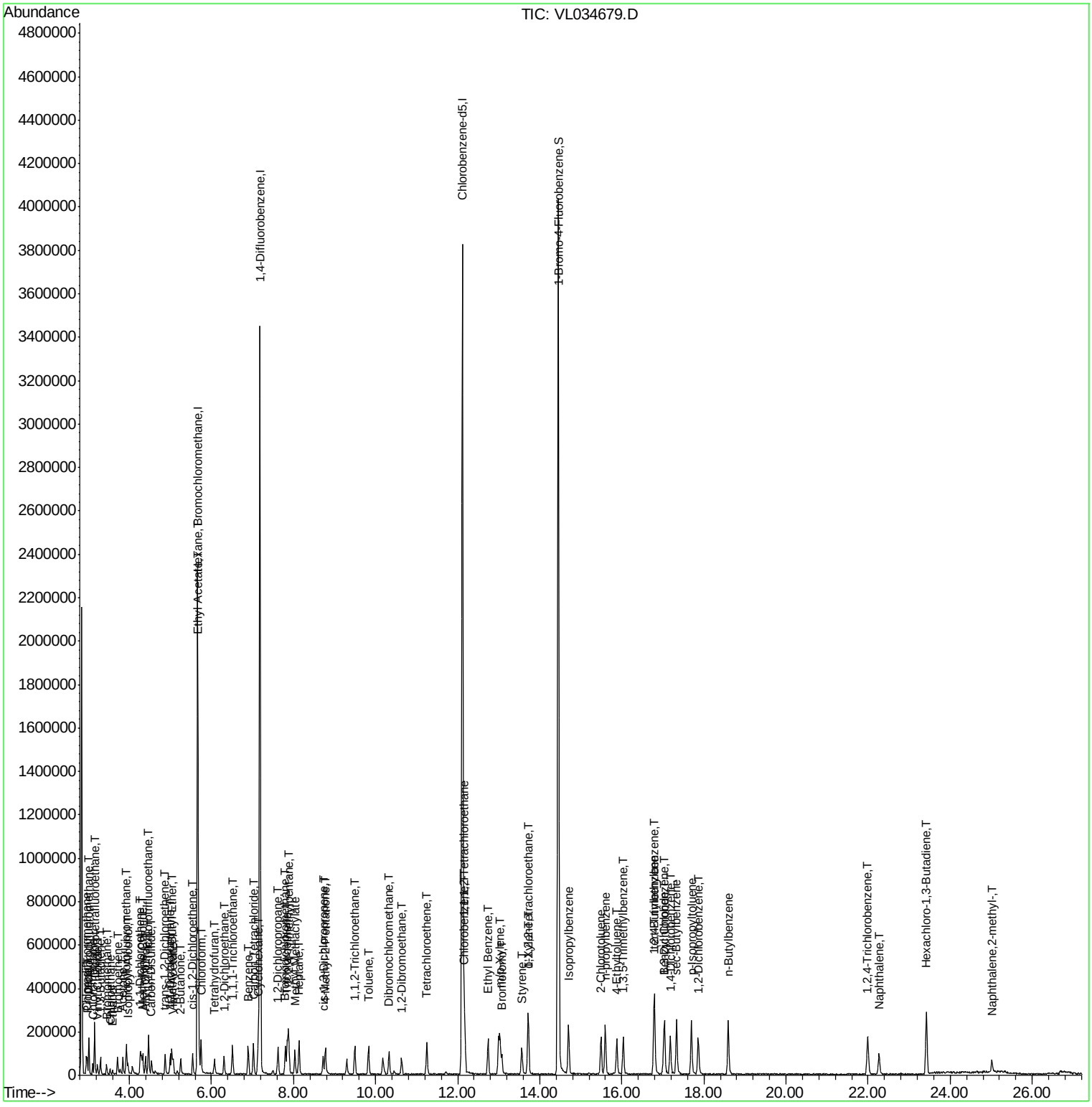
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022620\

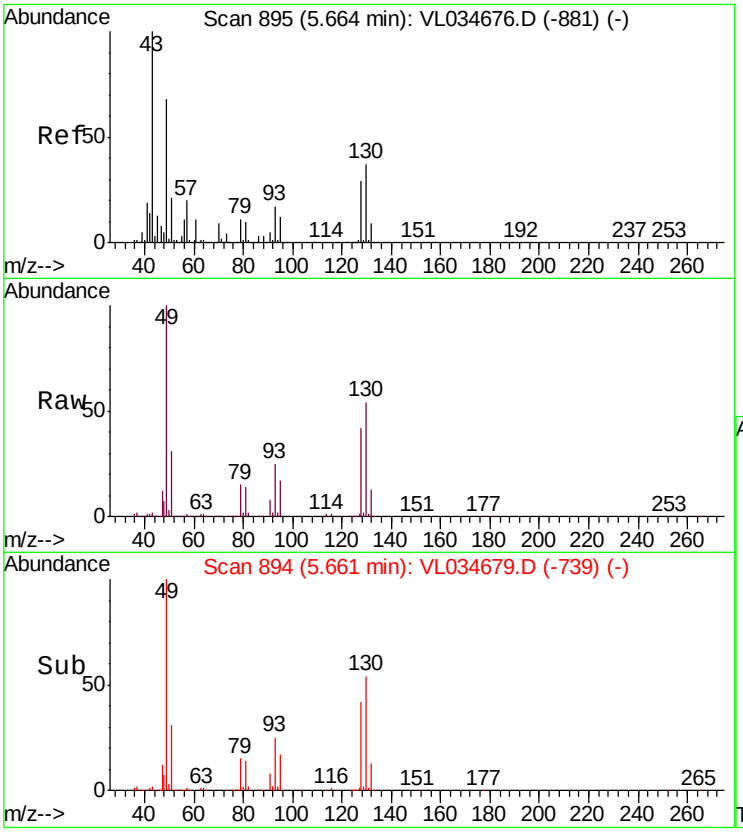
Quantitation Report (Not Reviewed)

Data File : VL034679.D
Acq On : 26 Feb 2020 4:23
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 26 06:29:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 26 03:37:46 2020
QLast Update : Wed Feb 26 03:37:46 2020
Response via : Initial Calibration



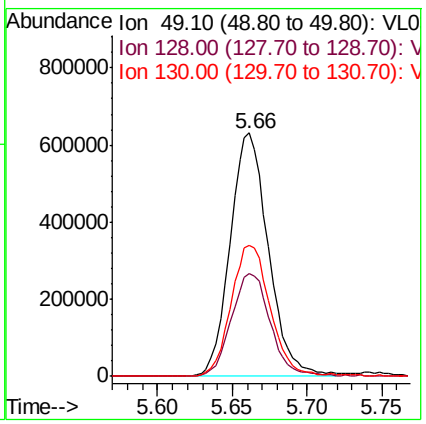


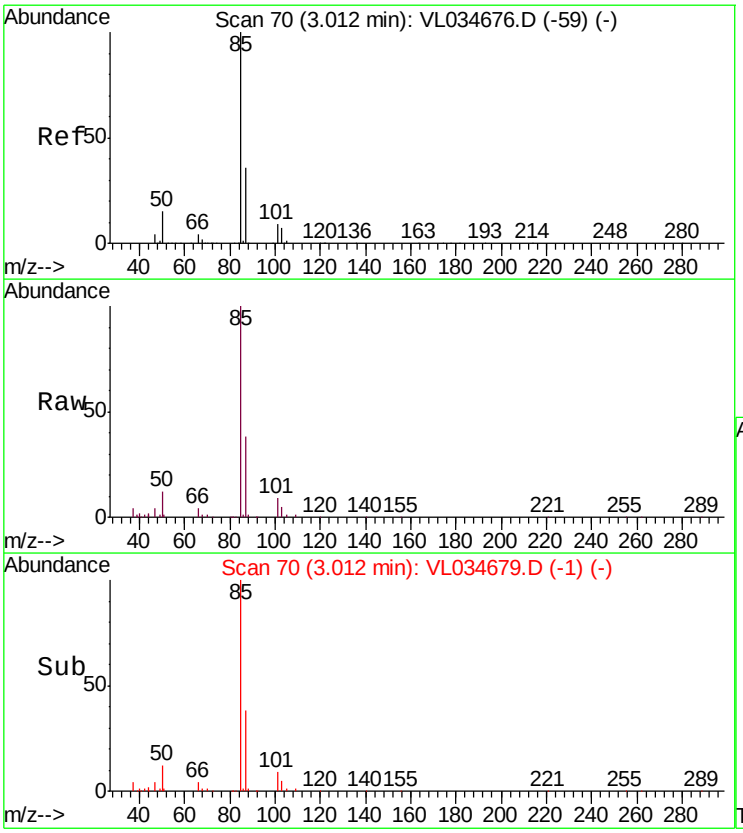
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.00 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 49 Resp: 1121067

Ion	Ratio	Lower	Upper
49	100		
128	43.5	21.6	65.0
130	55.7	27.7	83.1

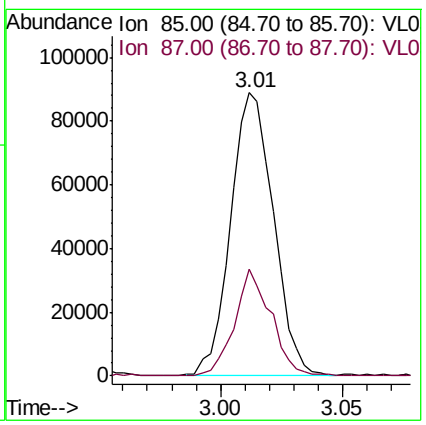


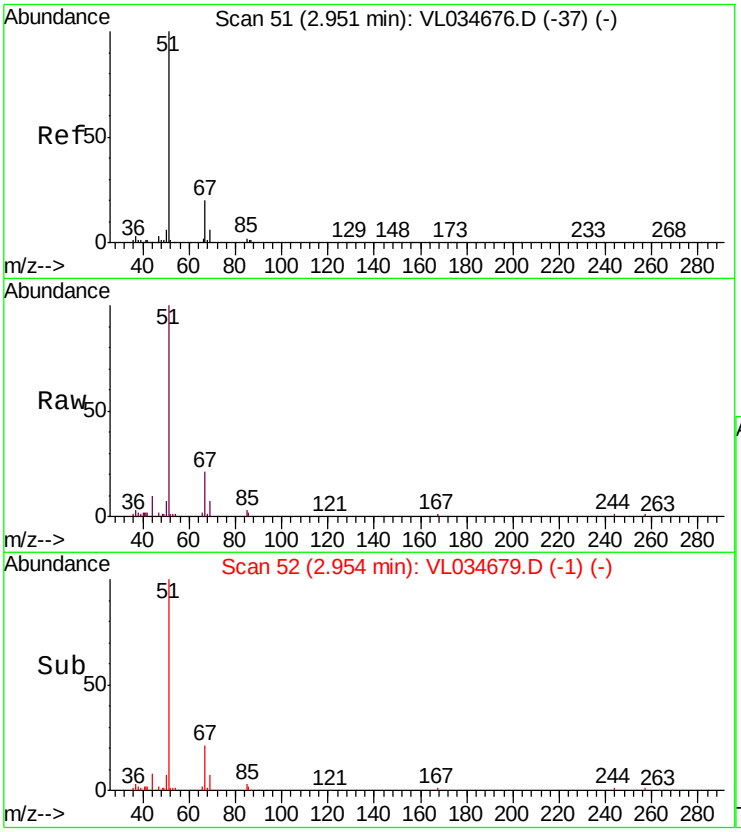


#2
Dichlorodifluoromethane
Concen: 0.624 ppbv
RT: 3.01 min Scan# 70
Delta R.T. 0.00 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Tgt Ion: 85 Resp: 108141

Ion	Ratio	Lower	Upper
85	100		
87	37.8	29.2	43.8



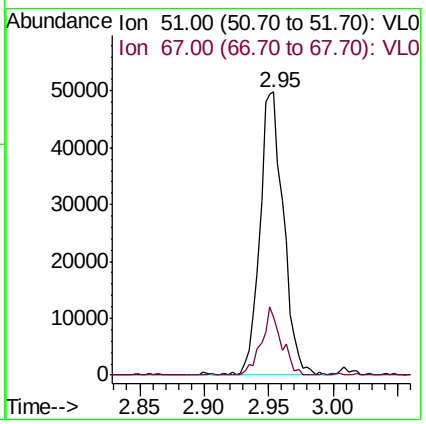


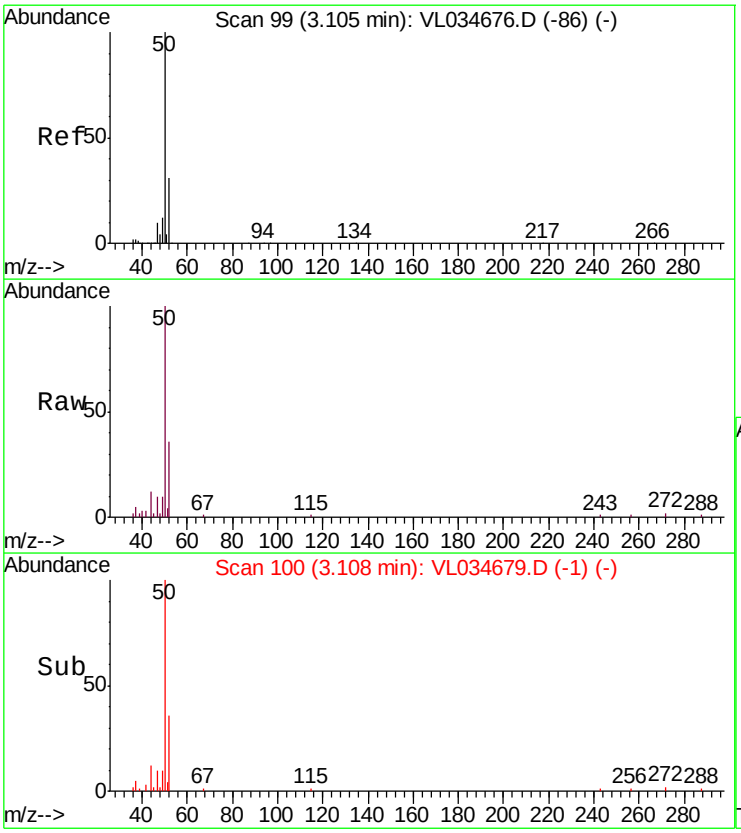
#3
Chlorodifluoromethane
Concen: 0.472 ppbv
RT: 2.95 min Scan# 52
Delta R.T. 0.00 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 51 Resp: 64073

Ion	Ratio	Lower	Upper
51	100		
67	20.8	15.5	23.3

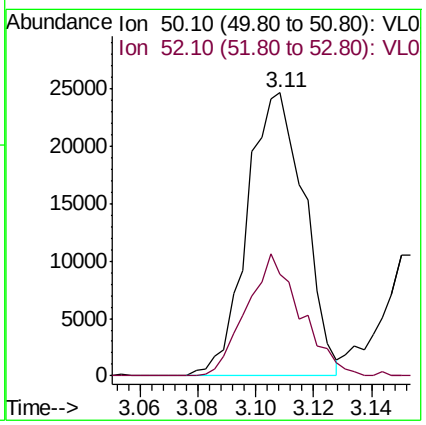


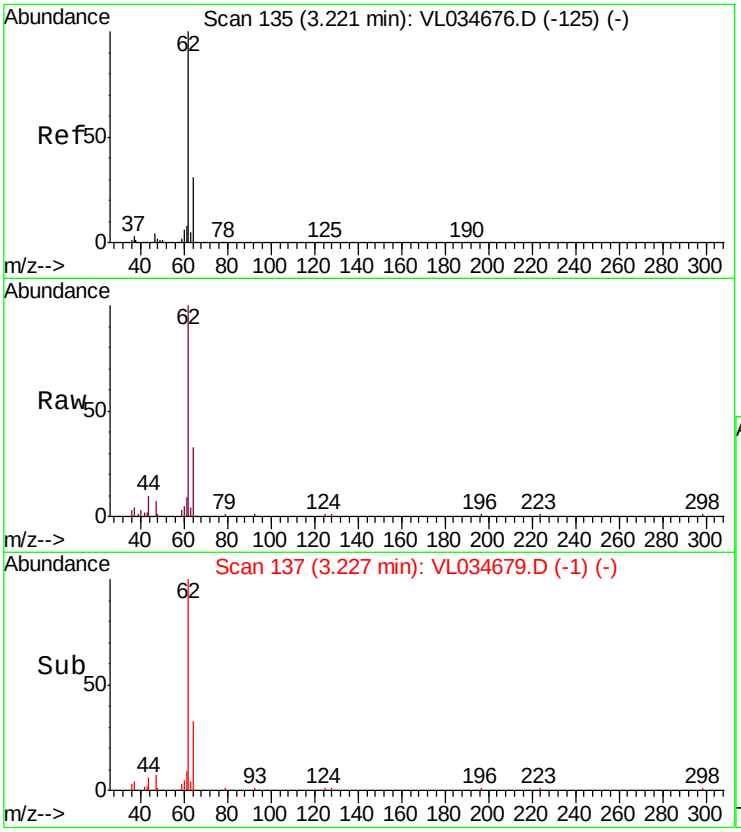


#4
Chloromethane
Concen: 0.413 ppbv
RT: 3.11 min Scan# 100
Delta R.T. 0.00 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Tgt Ion: 50 Resp: 33739

Ion	Ratio	Lower	Upper
50	100		
52	35.7	25.0	37.4



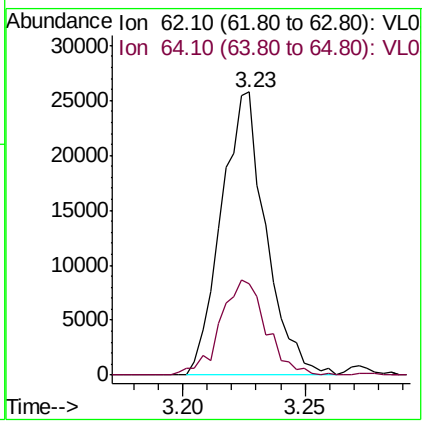


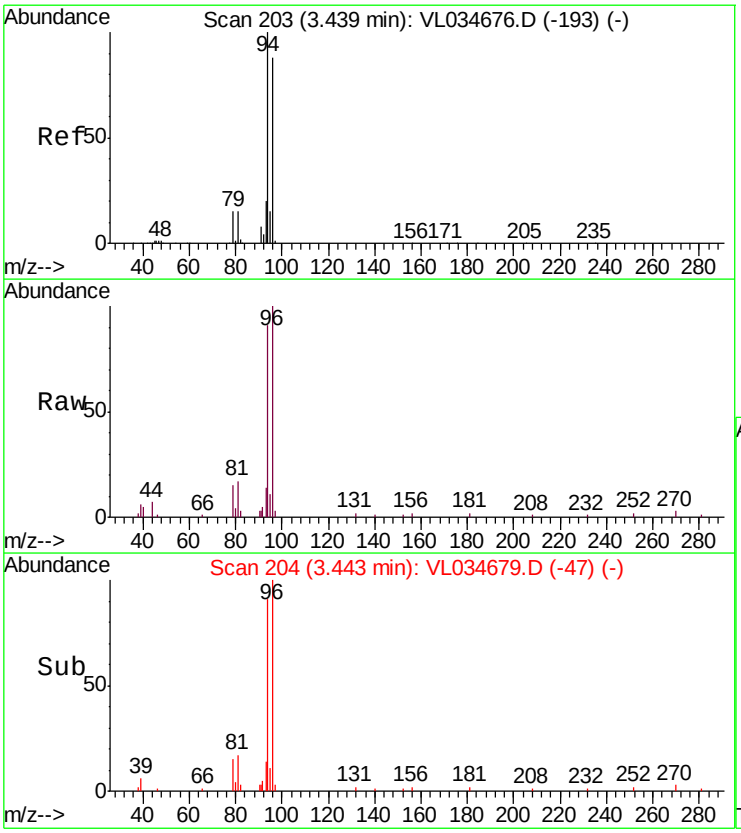
#5
Vinyl Chloride
Concen: 0.433 ppbv
RT: 3.23 min Scan# 137
Delta R.T. 0.01 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 62 Resp: 32879

Ion	Ratio	Lower	Upper
62	100		
64	32.5	24.7	37.1

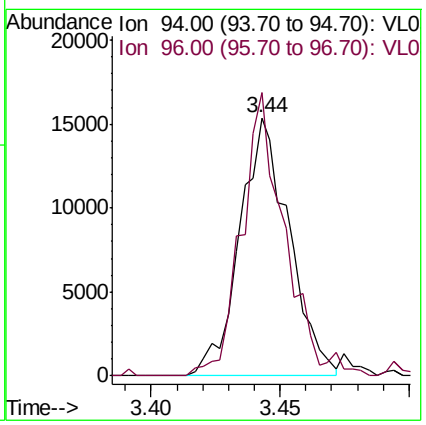


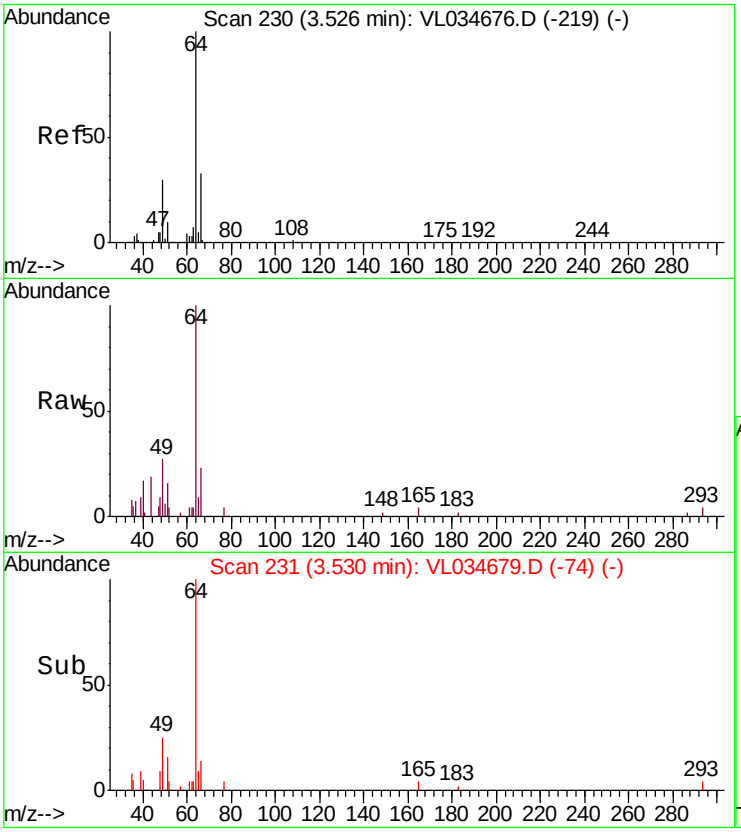


#6
Bromomethane
Concen: 0.518 ppbv
RT: 3.44 min Scan# 204
Delta R.T. 0.00 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Tgt Ion: 94 Resp: 20534

Ion	Ratio	Lower	Upper
94	100		
96	109.7	70.5	105.7#



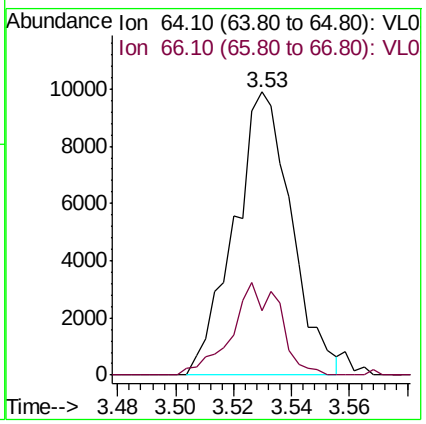


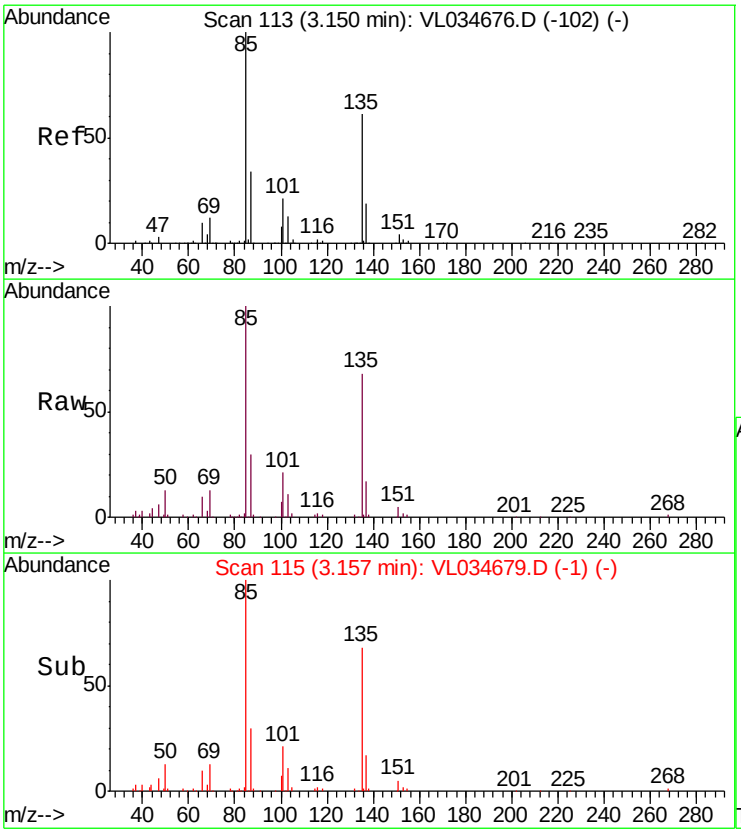
#7
Chloroethane
Concen: 0.484 ppbv
RT: 3.53 min Scan# 231
Delta R.T. 0.00 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 64 Resp: 13510

Ion	Ratio	Lower	Upper
64	100		
66	22.9	26.7	40.1#

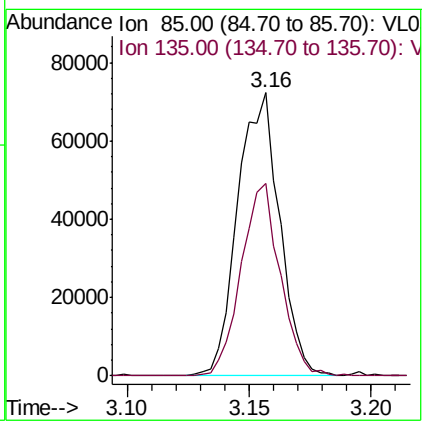


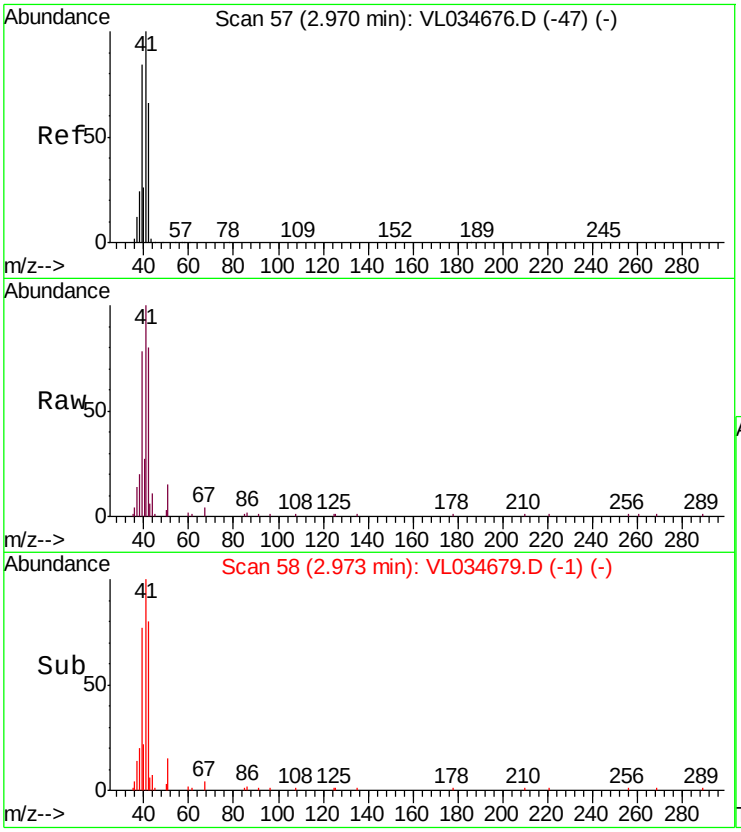


#8
Dichlorotetrafluoroethane
Concen: 0.494 ppbv
RT: 3.16 min Scan# 115
Delta R.T. 0.01 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Tgt Ion: 85 Resp: 85950

Ion	Ratio	Lower	Upper
85	100		
135	63.4	49.8	74.6



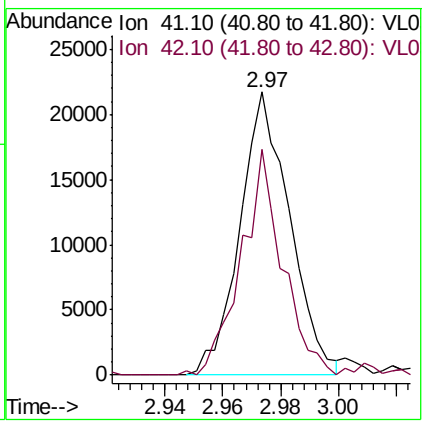


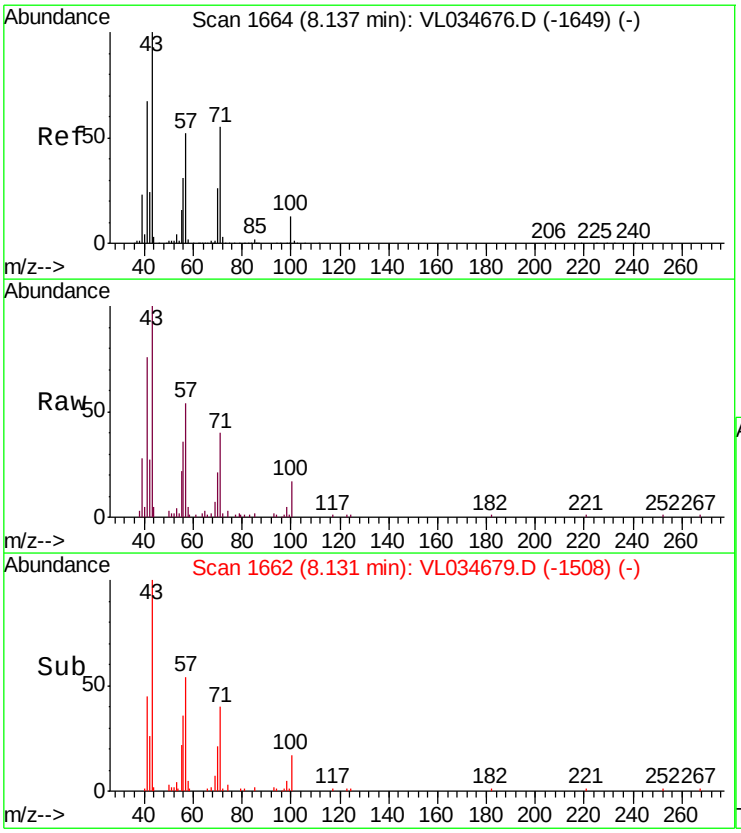
#9
Propene
Concen: 0.473 ppbv
RT: 2.97 min Scan# 58
Delta R.T. 0.00 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 41 Resp: 25958

Ion	Ratio	Lower	Upper
41	100		
42	68.6	54.9	82.3

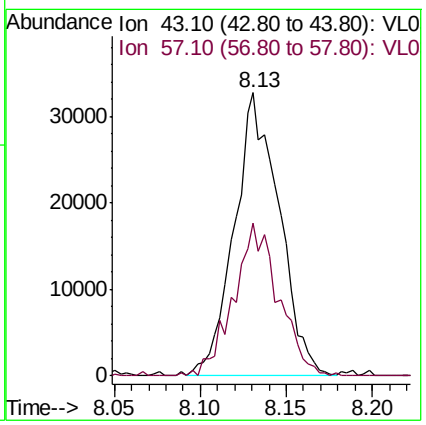


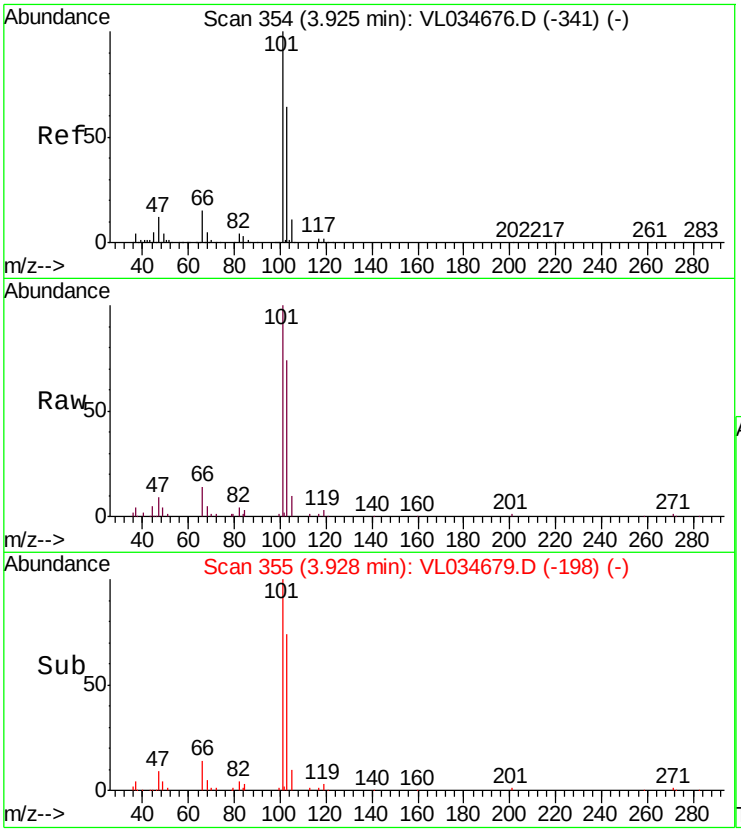


#10
Heptane
Concen: 0.410 ppbv
RT: 8.13 min Scan# 1662
Delta R.T. -0.01 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Tgt Ion: 43 Resp: 59201

Ion	Ratio	Lower	Upper
43	100		
57	53.9	41.0	61.6



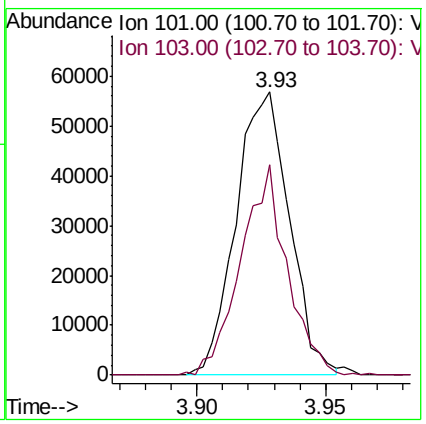


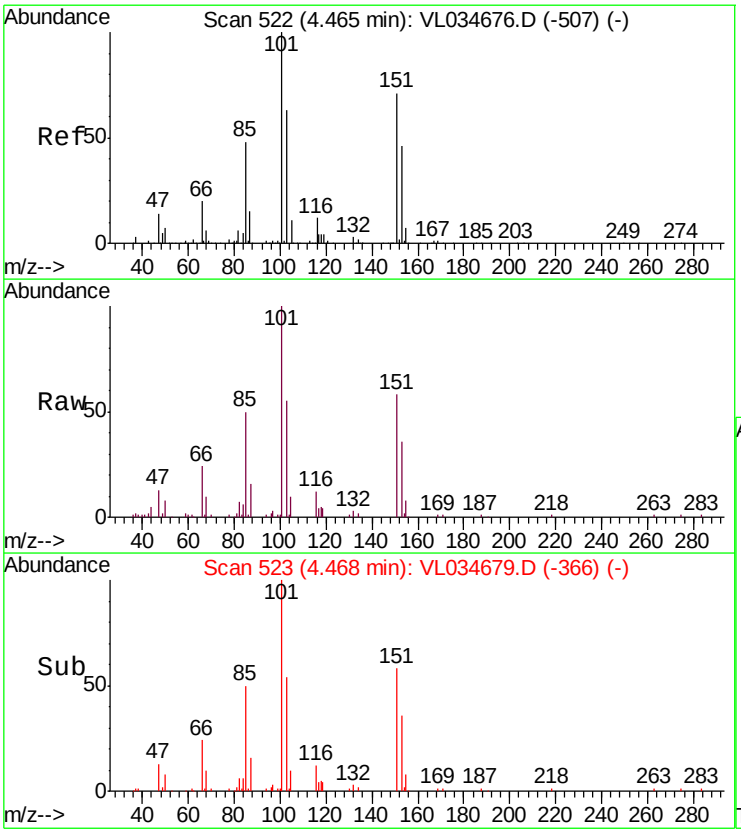
#11
Trichlorofluoromethane
Concen: 0.468 ppbv
RT: 3.93 min Scan# 355
Delta R.T. 0.00 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:101 Resp: 82348

Ion	Ratio	Lower	Upper
101	100		
103	73.2	51.2	76.8

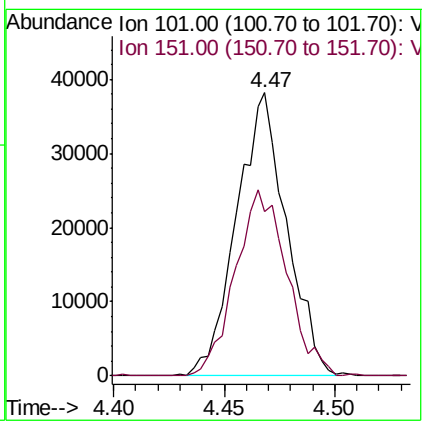


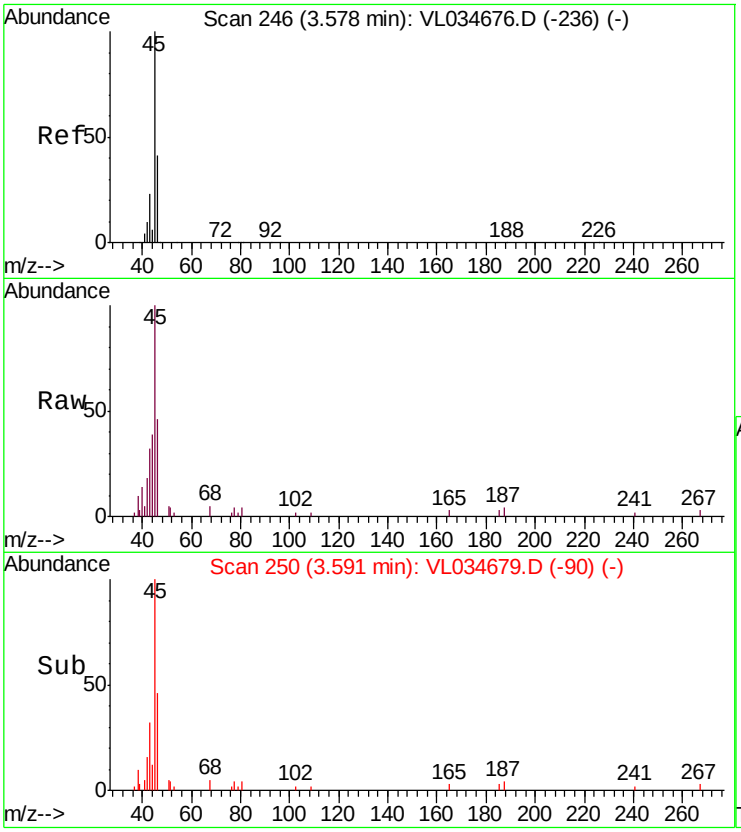


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.496 ppbv
RT: 4.47 min Scan# 523
Delta R.T. 0.00 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Tgt Ion:101 Resp: 60194

Ion	Ratio	Lower	Upper
101	100		
151	68.1	55.8	83.6



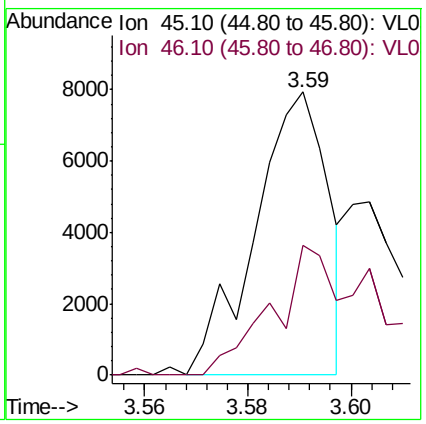


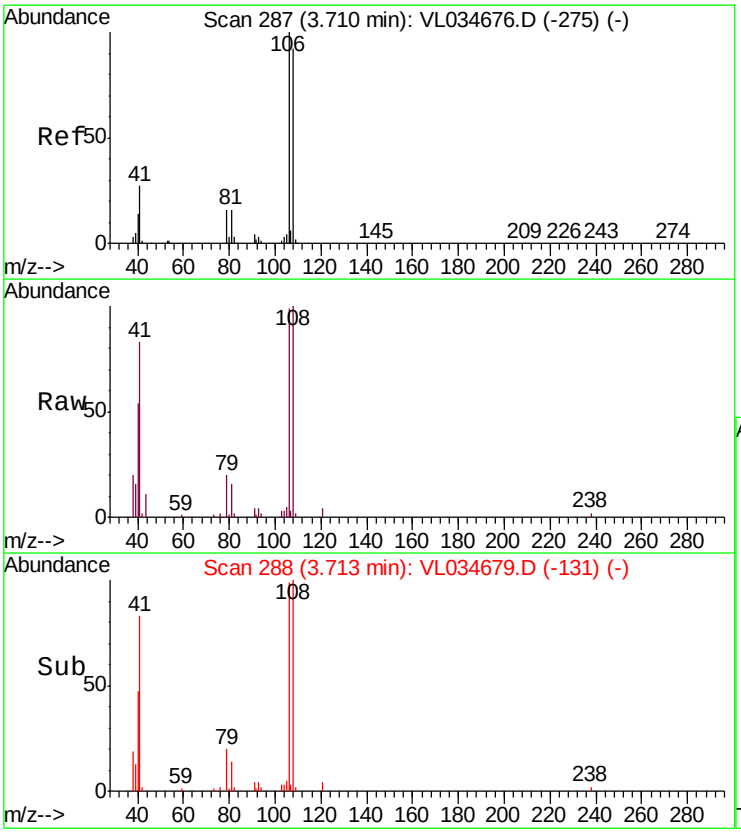
#13
Ethanol
Concen: 0.462 ppbv
RT: 3.59 min Scan# 250
Delta R.T. 0.01 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 45 Resp: 7815

Ion	Ratio	Lower	Upper
45	100		
46	62.7	15.4	61.4#

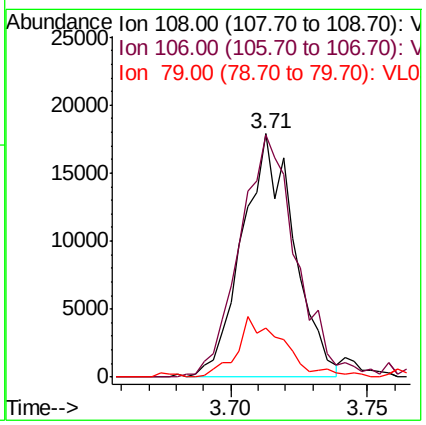


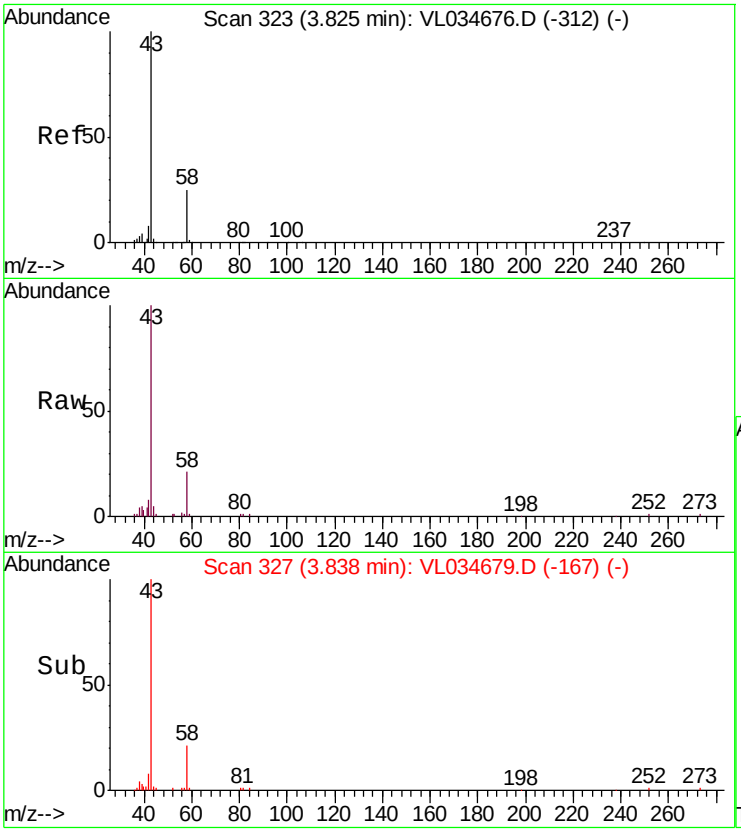


#14
Bromoethene
Concen: 0.470 ppbv
RT: 3.71 min Scan# 288
Delta R.T. 0.00 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Tgt Ion:108 Resp: 23519

Ion	Ratio	Lower	Upper
108	100		
106	110.4	86.7	130.1
79	24.4	15.0	22.6#



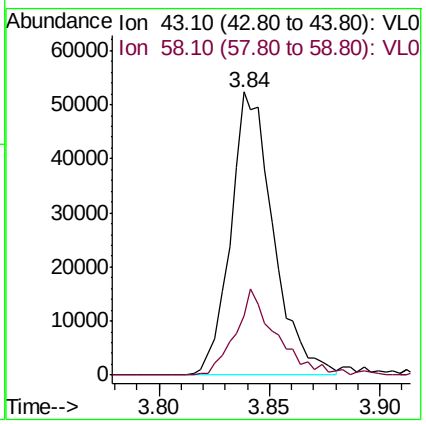


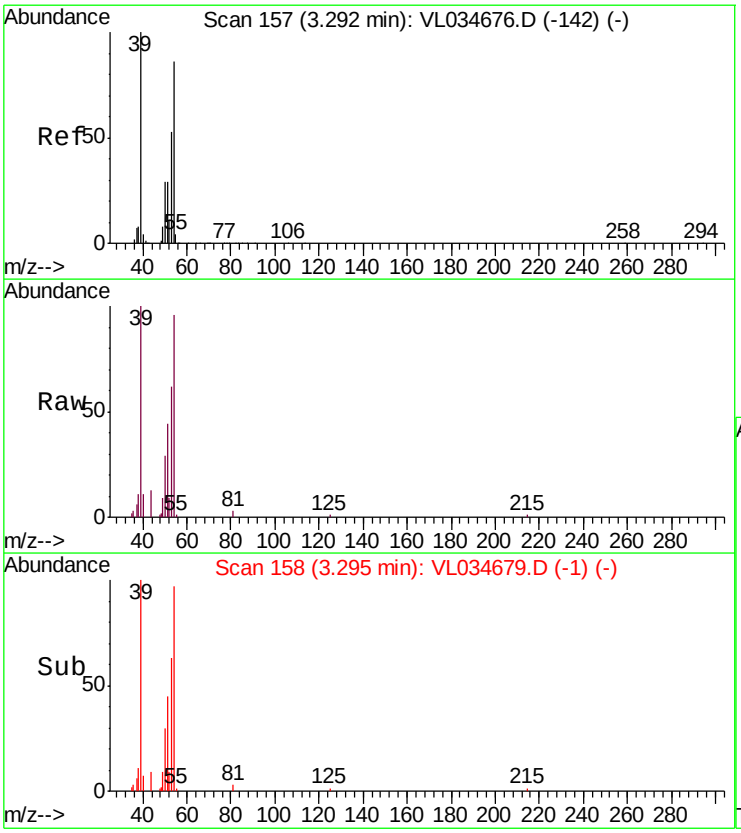
#15
Acetone
Concen: 0.463 ppbv
RT: 3.84 min Scan# 327
Delta R.T. 0.01 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 43 Resp: 70409

Ion	Ratio	Lower	Upper
43	100		
58	29.4	21.4	32.0

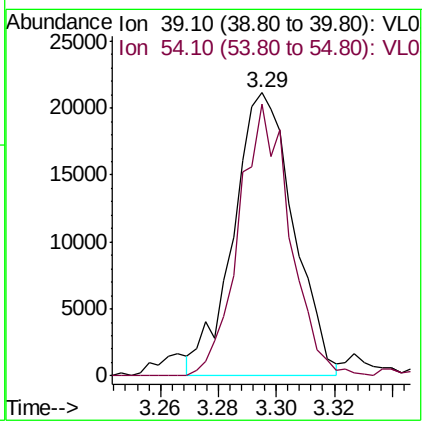


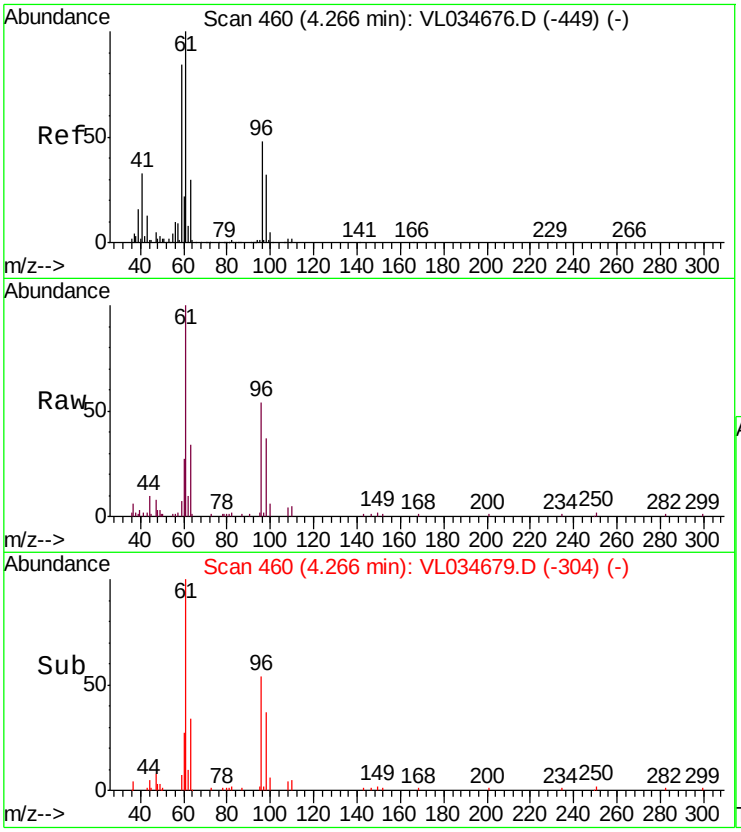


#16
1,3-Butadiene
Concen: 0.470 ppbv
RT: 3.29 min Scan# 158
Delta R.T. 0.00 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Tgt Ion: 39 Resp: 30439

Ion	Ratio	Lower	Upper
39	100		
54	81.6	67.0	100.6



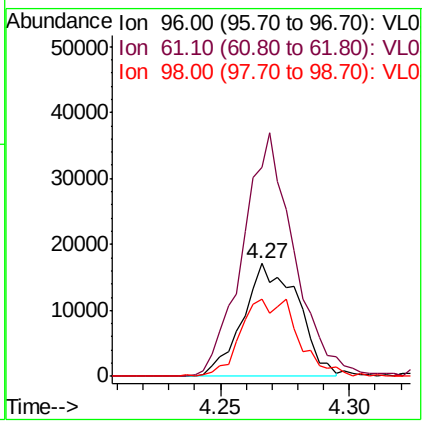


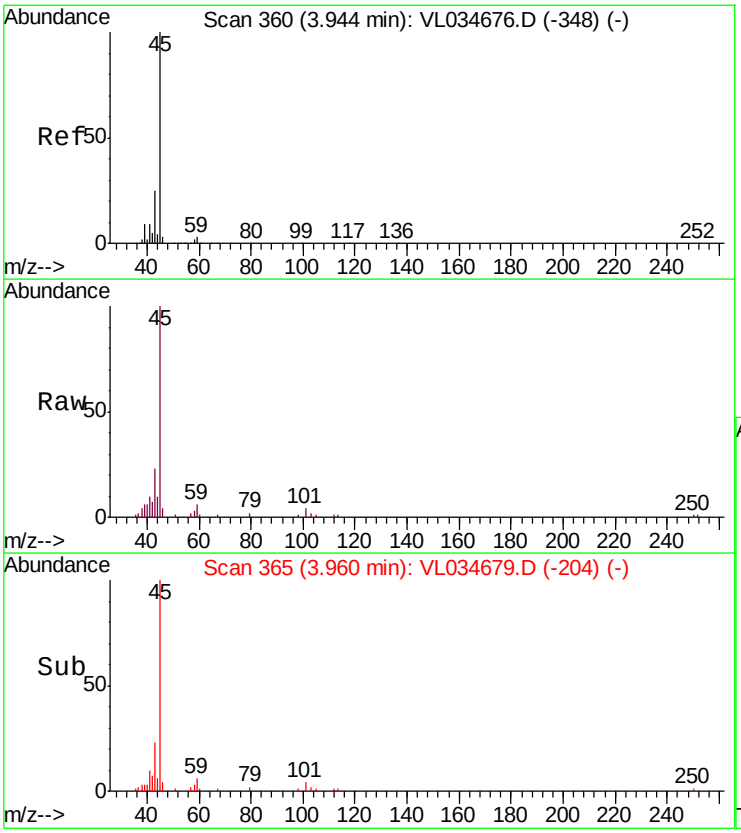
#18
1,1-Dichloroethene
Concen: 0.458 ppbv
RT: 4.27 min Scan# 460
Delta R.T. 0.00 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 96 Resp: 25369

Ion	Ratio	Lower	Upper
96	100		
61	184.9	165.1	247.7
98	67.8	52.7	79.1

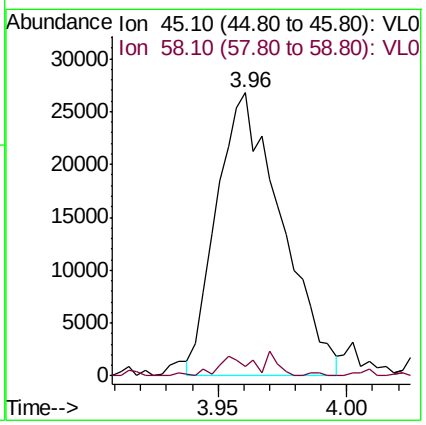


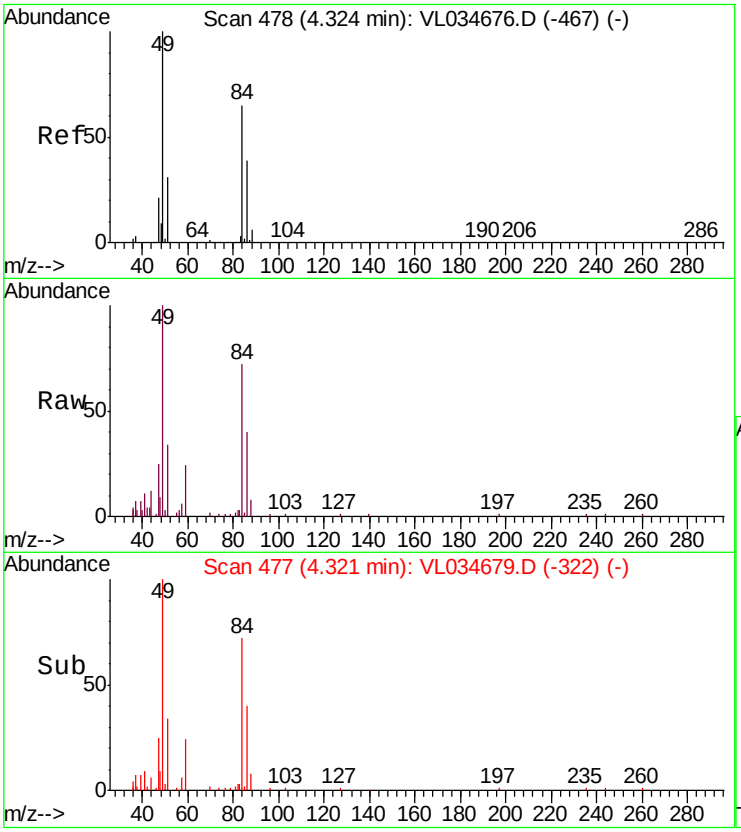


#19
Isopropyl Alcohol
Concen: 0.447 ppbv
RT: 3.96 min Scan# 365
Delta R.T. 0.02 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Tgt Ion: 45 Resp: 46769

Ion	Ratio	Lower	Upper
45	100		
58	5.3	1.8	2.6#



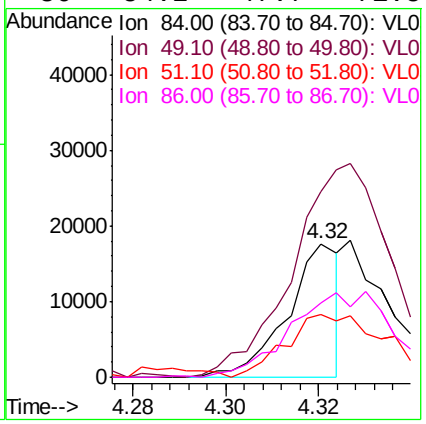


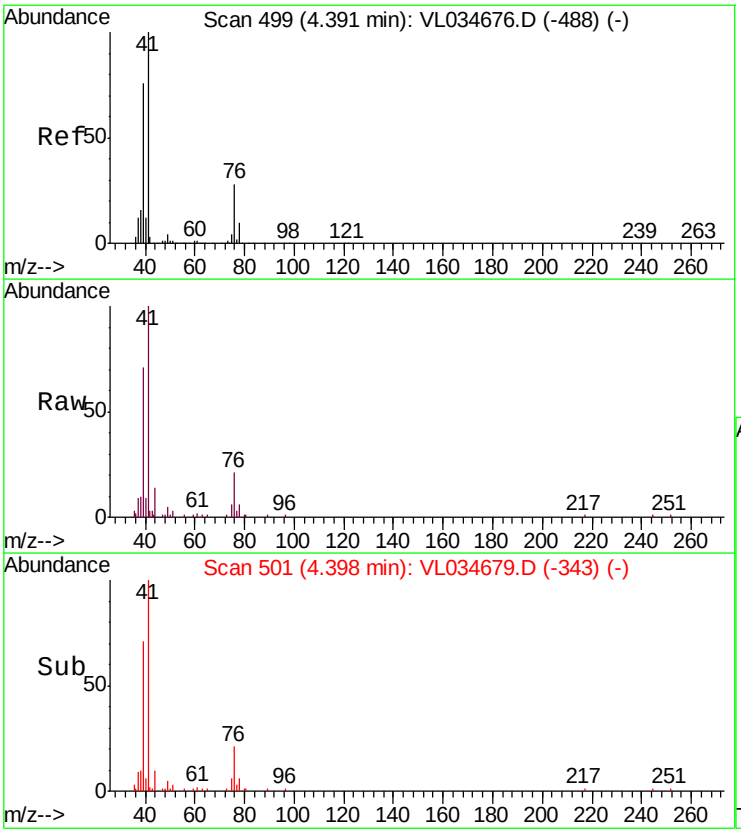
#20
Methylene Chloride
Concen: 0.247 ppbv
RT: 4.32 min Scan# 477
Delta R.T. -0.00 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 84 Resp: 13739

Ion	Ratio	Lower	Upper
84	100		
49	143.3	122.8	184.2
51	42.5	38.6	58.0
86	54.2	47.7	71.5

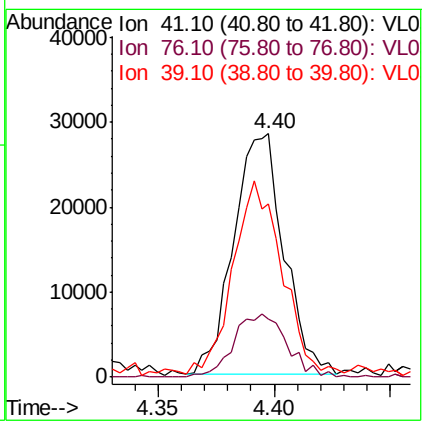


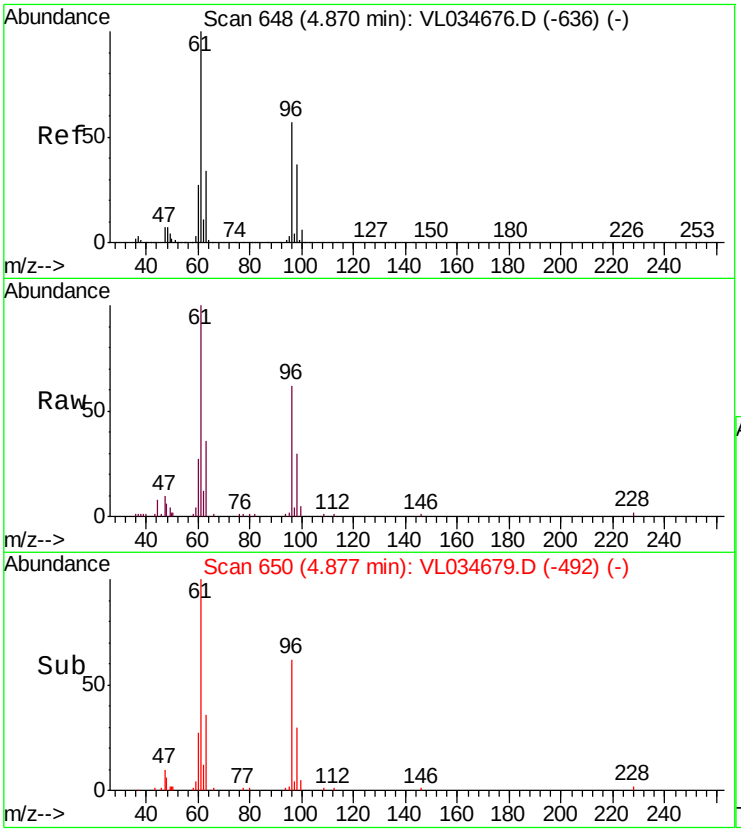


#21
Allyl Chloride
Concen: 0.465 ppbv
RT: 4.40 min Scan# 501
Delta R.T. 0.01 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Tgt Ion: 41 Resp: 43075

Ion	Ratio	Lower	Upper
41	100		
76	27.8	22.8	34.2
39	81.8	61.7	92.5



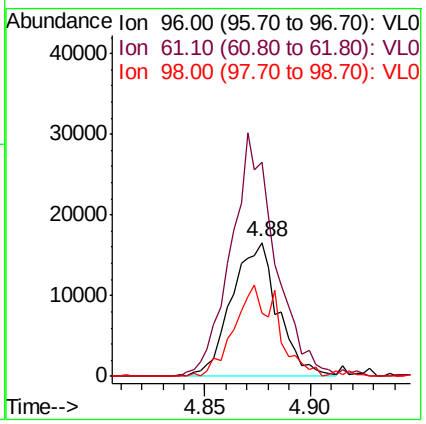


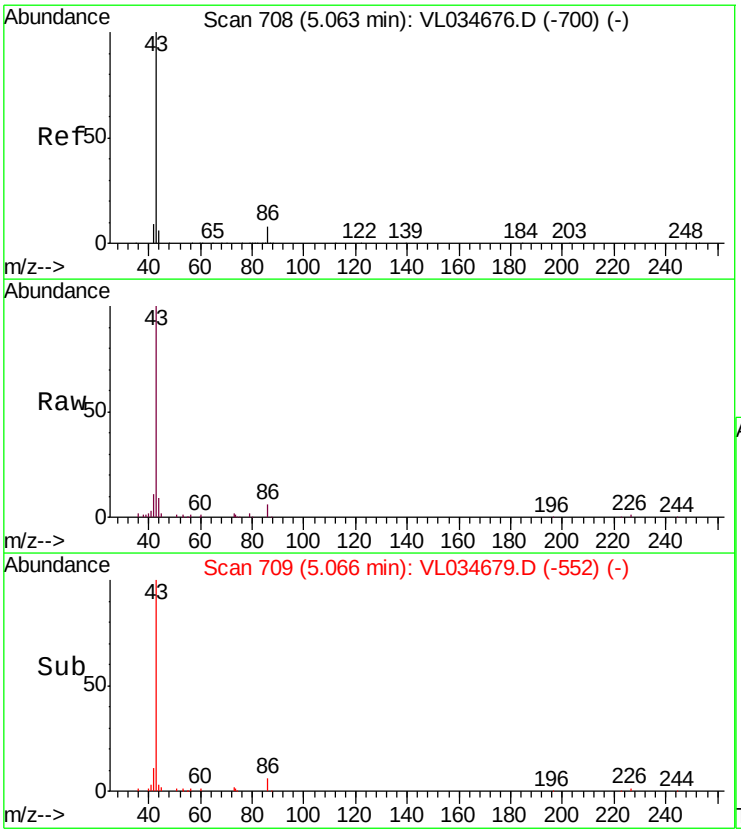
#22
trans-1,2-Dichloroethene
Concen: 0.466 ppbv
RT: 4.88 min Scan# 650
Delta R.T. 0.01 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 96 Resp: 25304

Ion	Ratio	Lower	Upper
96	100		
61	157.1	139.4	209.0
98	47.4	51.3	76.9#

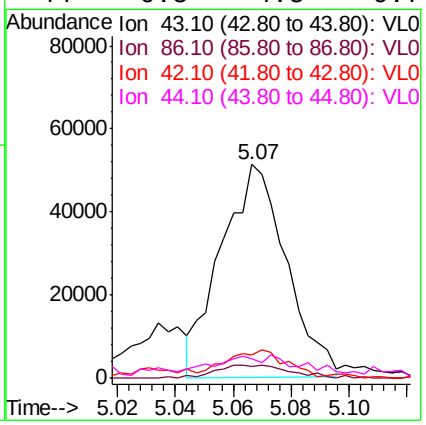


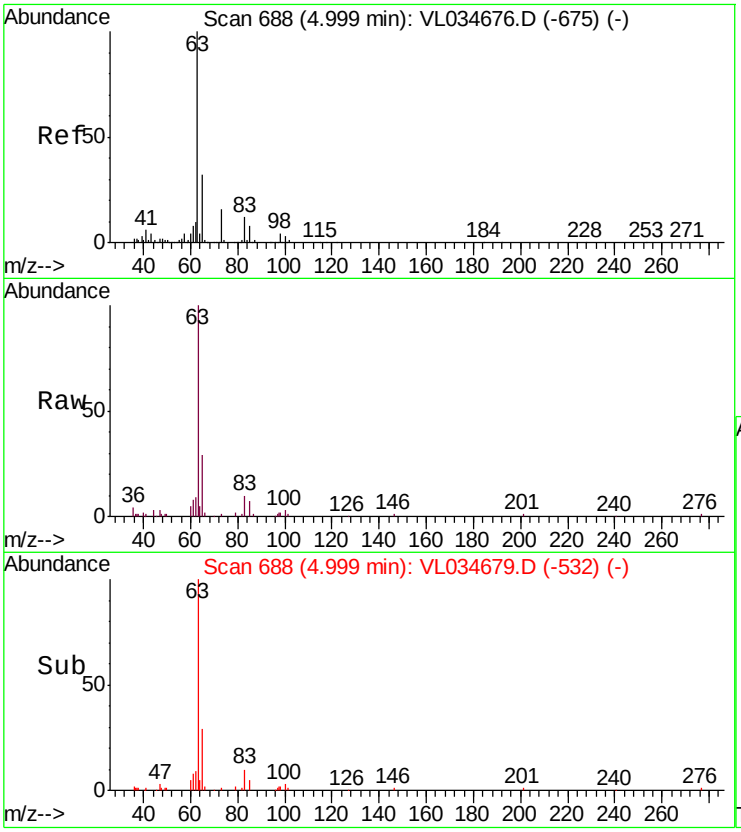


#23
Vinyl Acetate
Concen: 0.424 ppbv
RT: 5.07 min Scan# 709
Delta R.T. 0.00 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Tgt Ion: 43 Resp: 79875

Ion	Ratio	Lower	Upper
43	100		
86	5.7	6.0	9.0#
42	9.8	8.0	12.0
44	6.5	4.5	6.7



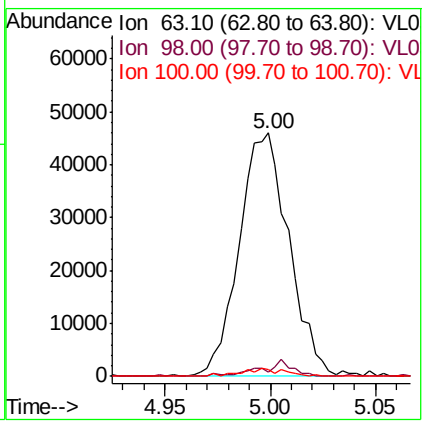


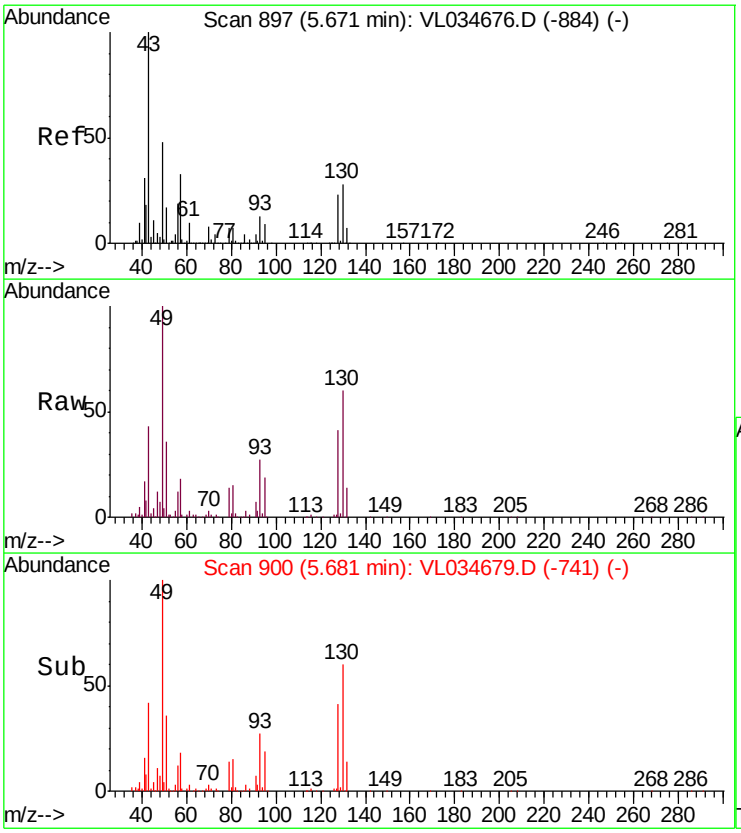
#24
1,1-Dichloroethane
Concen: 0.479 ppbv
RT: 5.00 min Scan# 688
Delta R.T. 0.00 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 63 Resp: 75145

Ion	Ratio	Lower	Upper
63	100		
98	1.6	2.1	6.2#
100	2.6	1.4	4.0

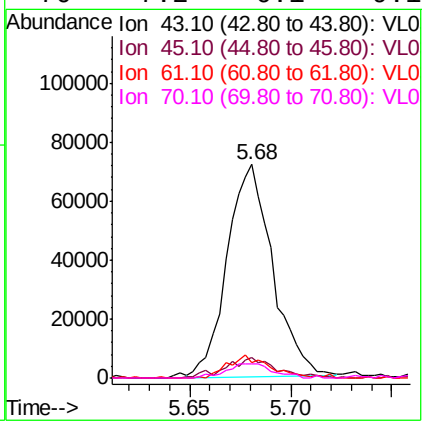


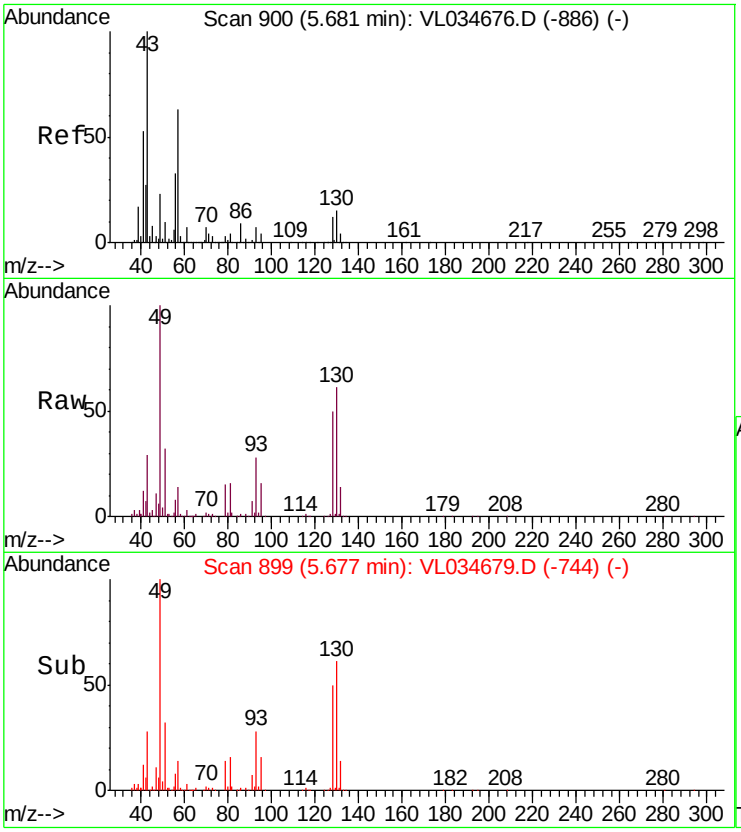


#25
Ethyl Acetate
Concen: 0.431 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.01 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Tgt Ion: 43 Resp: 113176

Ion	Ratio	Lower	Upper
43	100		
45	10.8	8.2	12.4
61	10.4	7.8	11.6
70	7.2	6.1	9.1



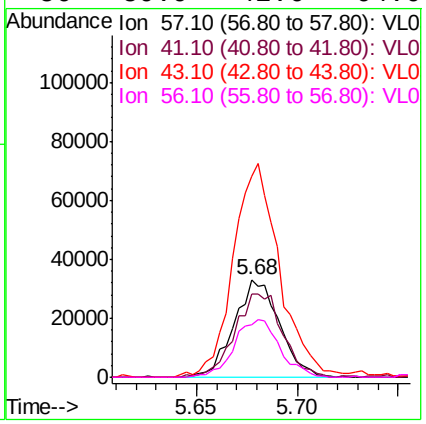


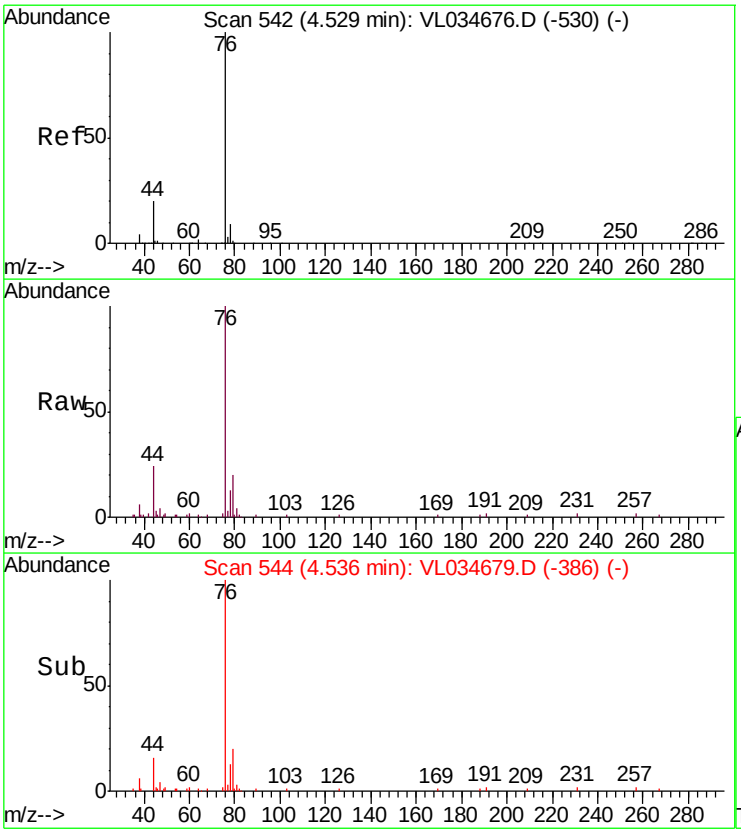
#26
Hexane
Concen: 0.447 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.00 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 57 Resp: 52024

Ion	Ratio	Lower	Upper
57	100		
41	92.1	70.3	105.5
43	227.1	177.0	265.4
56	59.9	42.6	64.0

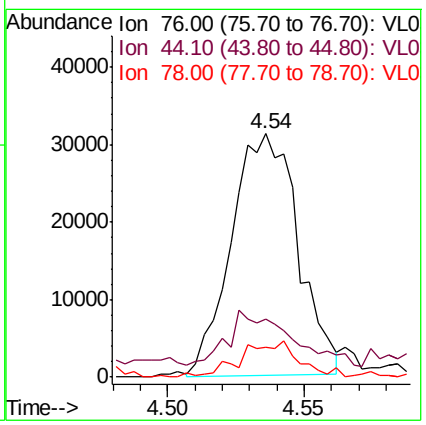


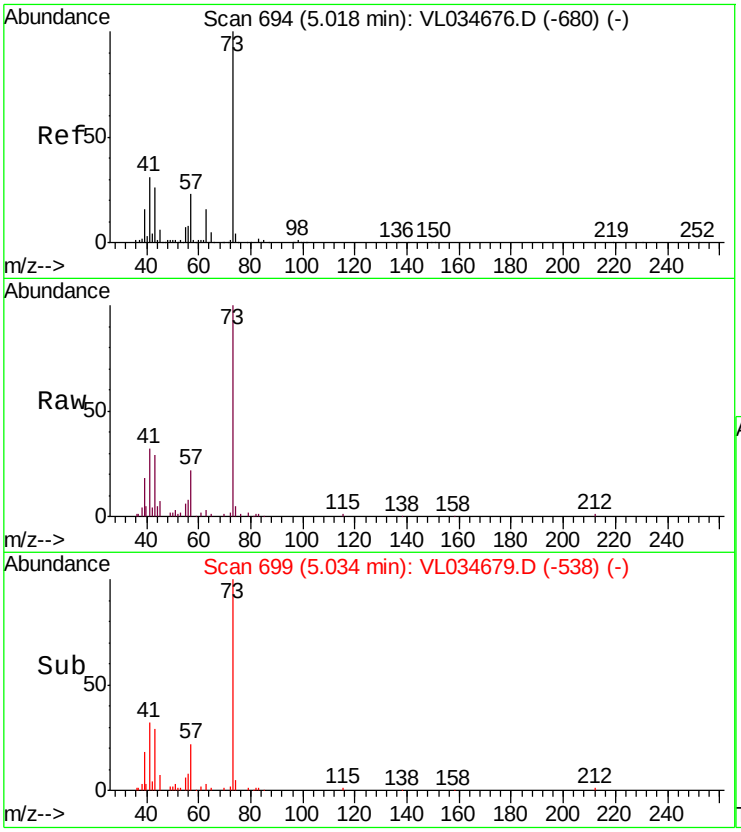


#27
Carbon Disulfide
Concen: 0.400 ppbv
RT: 4.54 min Scan# 544
Delta R.T. 0.01 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Tgt Ion: 76 Resp: 52943

Ion	Ratio	Lower	Upper
76	100		
44	20.5	15.3	22.9
78	13.6	7.6	11.4#



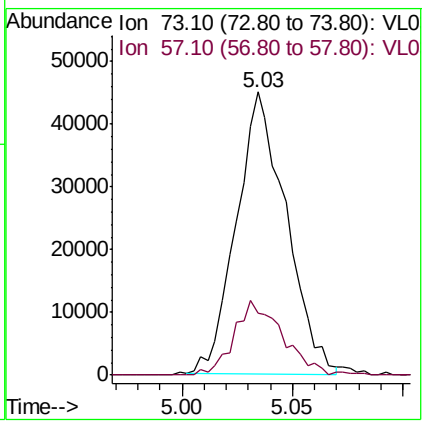


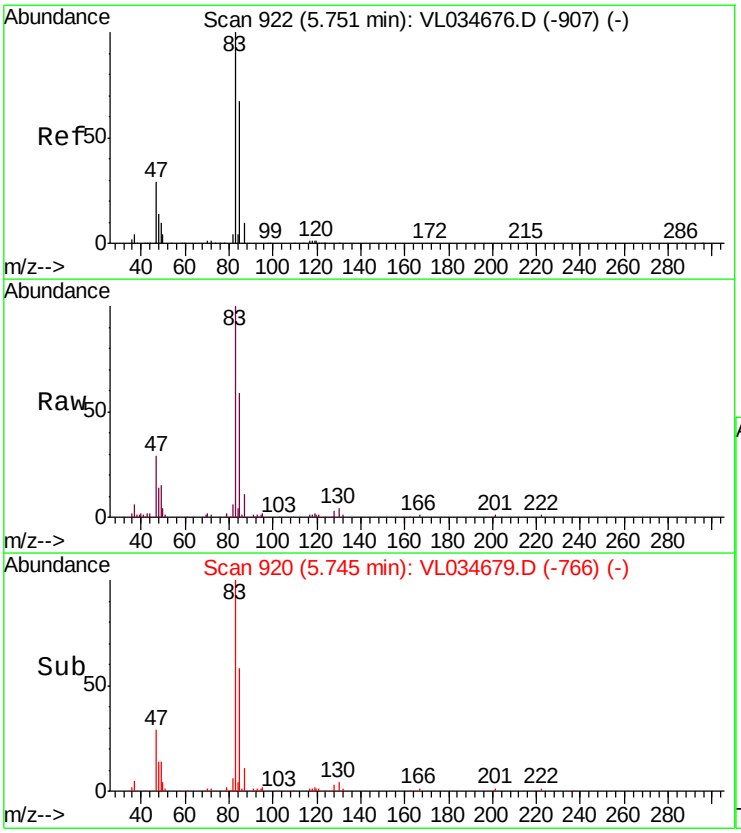
#28
Methyl tert-Butyl Ether
Concen: 0.418 ppbv
RT: 5.03 min Scan# 699
Delta R.T. 0.02 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 73 Resp: 70346

Ion	Ratio	Lower	Upper
73	100		
57	25.8	18.6	28.0

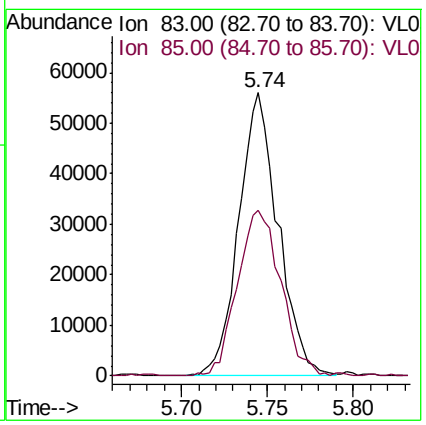


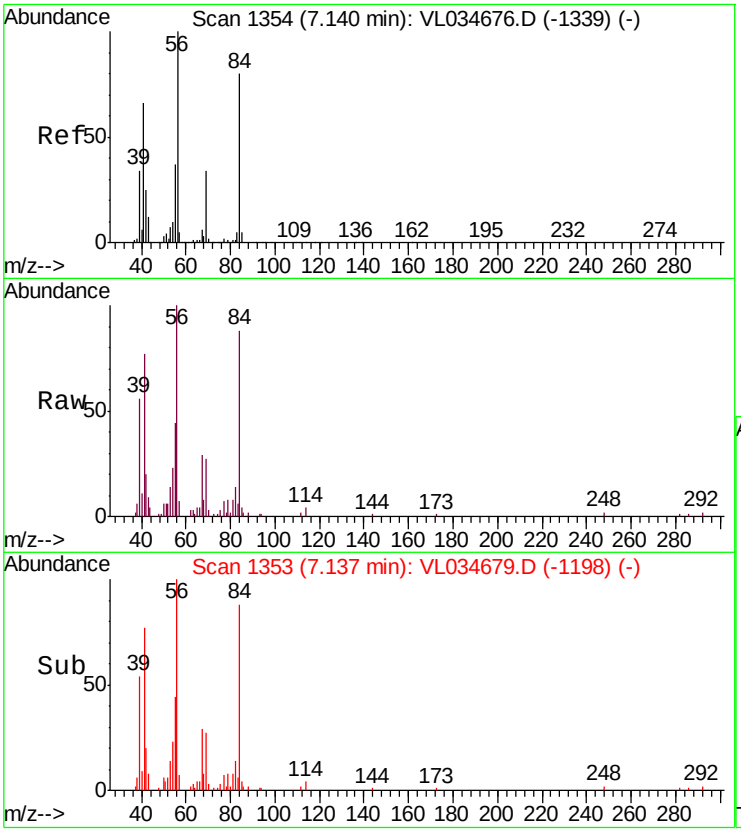


#29
Chloroform
Concen: 0.480 ppbv
RT: 5.74 min Scan# 920
Delta R.T. -0.01 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Tgt Ion: 83 Resp: 89055

Ion	Ratio	Lower	Upper
83	100		
85	58.6	53.9	80.9



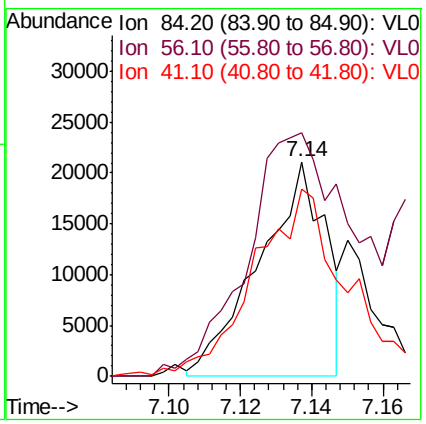


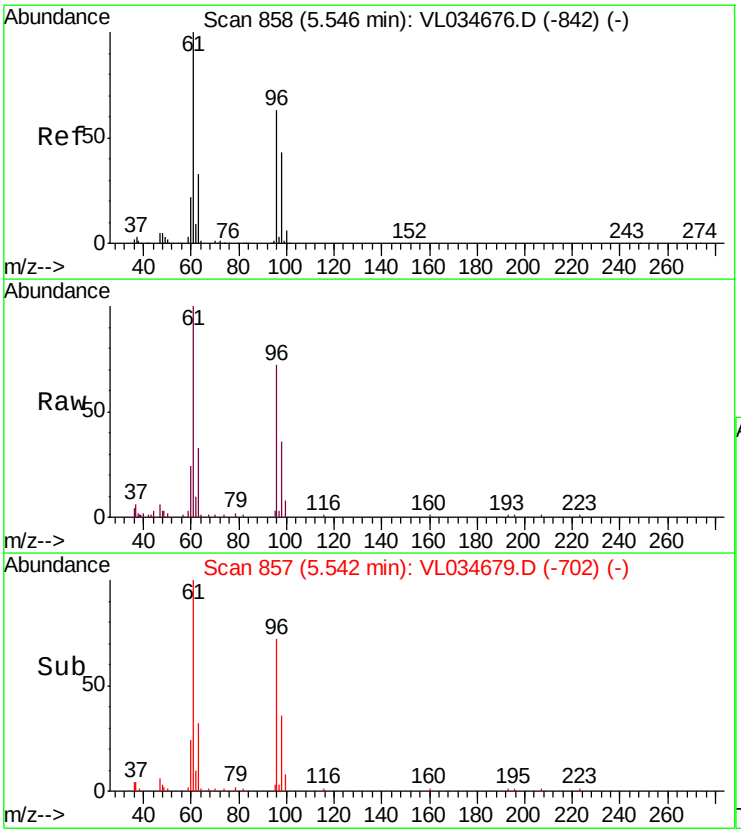
#30
Cyclohexane
Concen: 0.305 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. -0.00 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 84 Resp: 27176

Ion	Ratio	Lower	Upper
84	100		
56	170.5	113.4	170.2#
41	122.6	68.2	102.4#

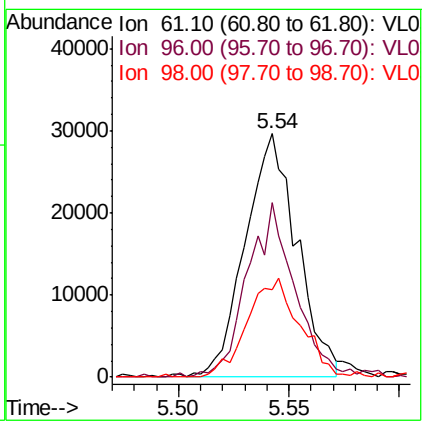


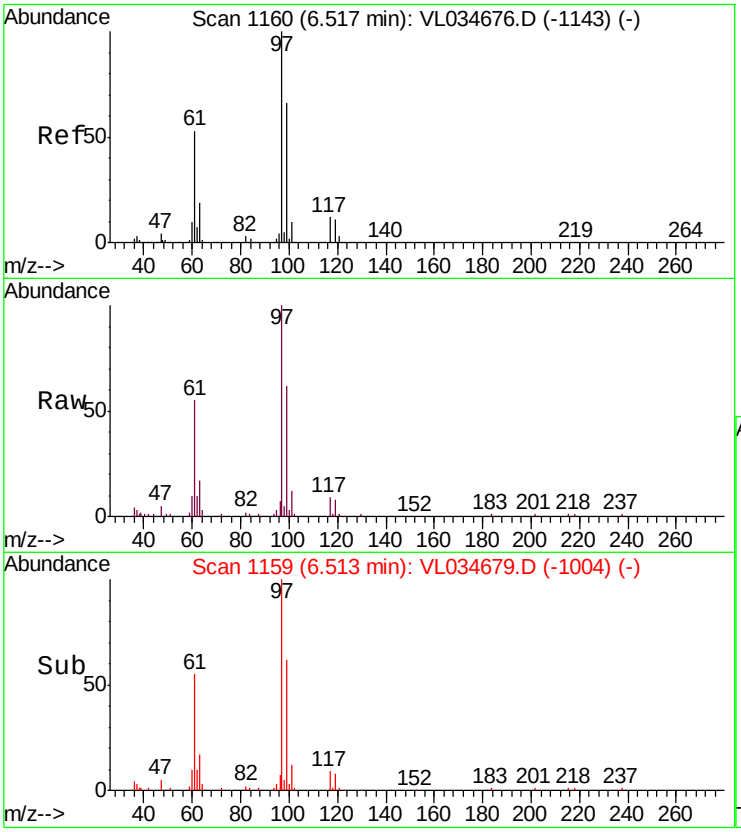


#31
cis-1,2-Dichloroethene
Concen: 0.428 ppbv
RT: 5.54 min Scan# 857
Delta R.T. -0.00 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Tgt Ion: 61 Resp: 48296

Ion	Ratio	Lower	Upper
61	100		
96	71.7	50.2	75.2
98	35.7	34.3	51.5



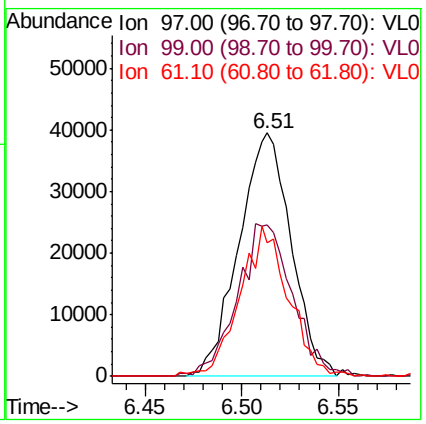


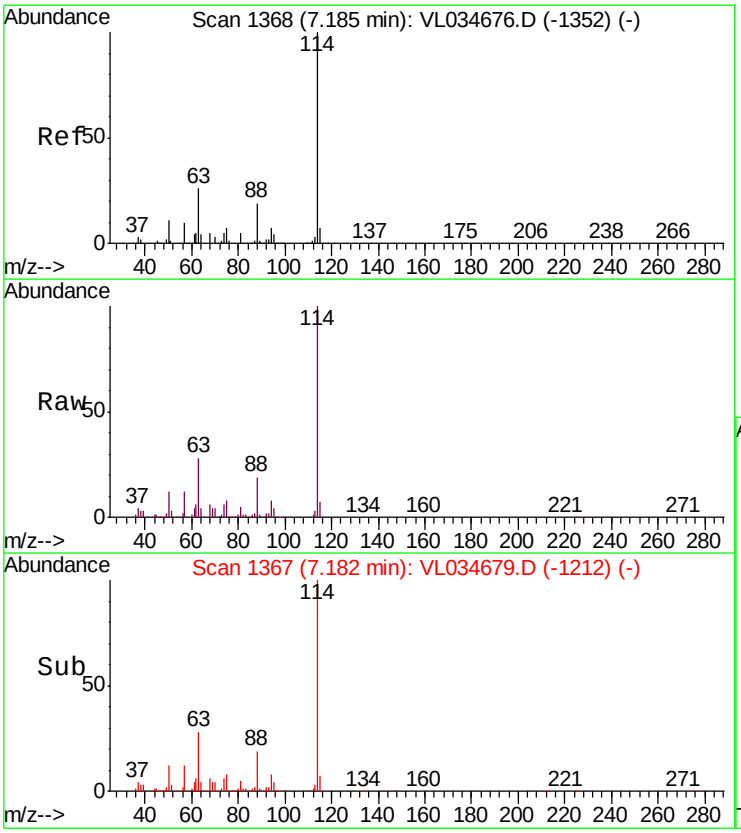
#32
1,1,1-Trichloroethane
Concen: 0.437 ppbv
RT: 6.51 min Scan# 1159
Delta R.T. -0.00 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 97 Resp: 74234

Ion	Ratio	Lower	Upper
97	100		
99	66.0	52.3	78.5
61	58.0	42.8	64.2

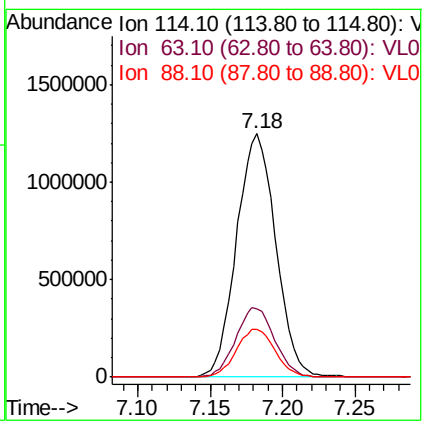


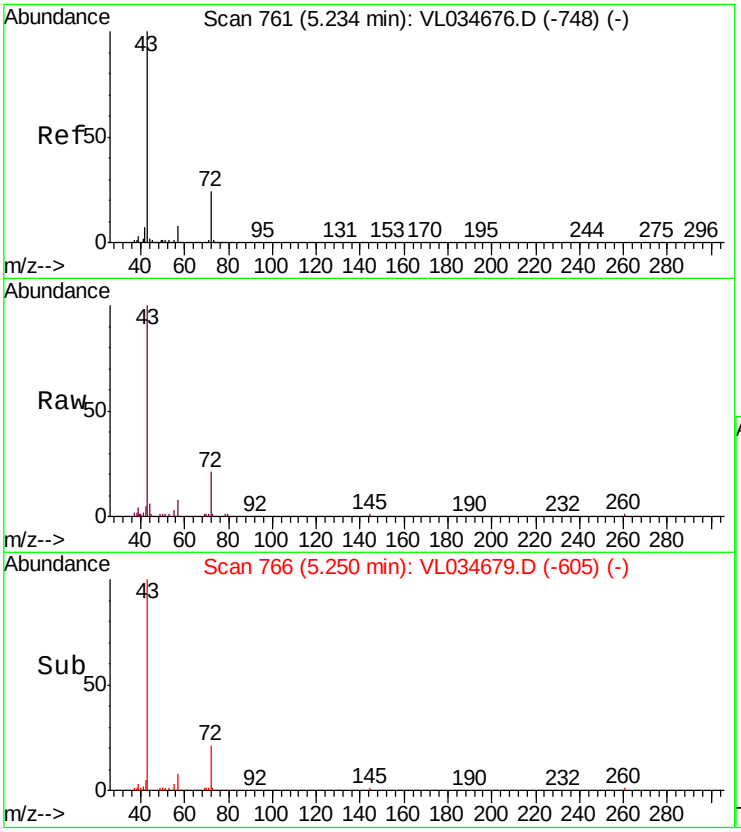


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Tgt Ion:114 Resp: 2348486

Ion	Ratio	Lower	Upper
114	100		
63	28.3	22.9	34.3
88	19.6	15.8	23.6



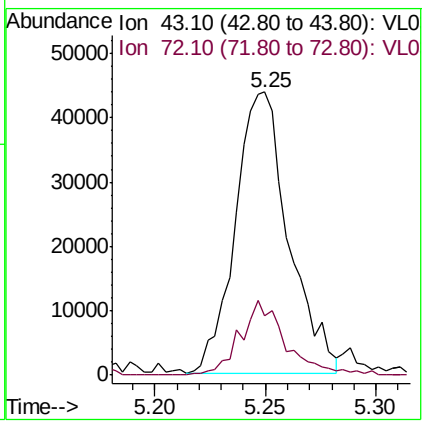


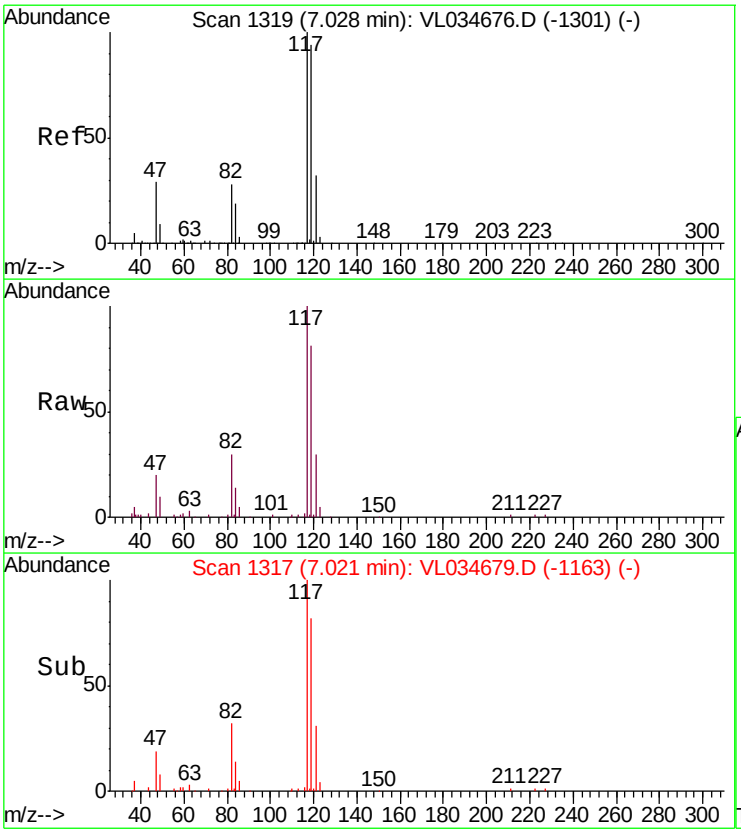
#34
2-Butanone
Concen: 0.441 ppbv
RT: 5.25 min Scan# 766
Delta R.T. 0.02 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 73496

Ion	Ratio	Lower	Upper
43	100		
72	22.7	18.2	27.2

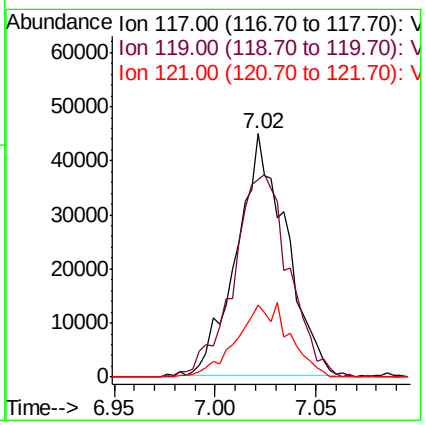


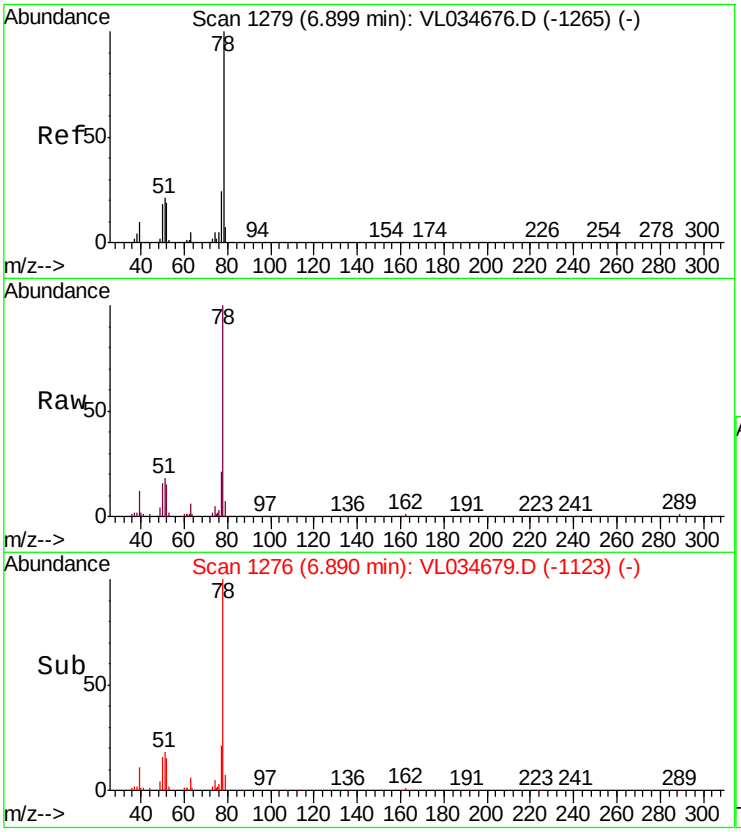


#35
Carbon Tetrachloride
Concen: 0.427 ppbv
RT: 7.02 min Scan# 1317
Delta R.T. -0.01 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Tgt Ion:117 Resp: 76450

Ion	Ratio	Lower	Upper
117	100		
119	80.2	75.5	113.3
121	30.0	25.4	38.0



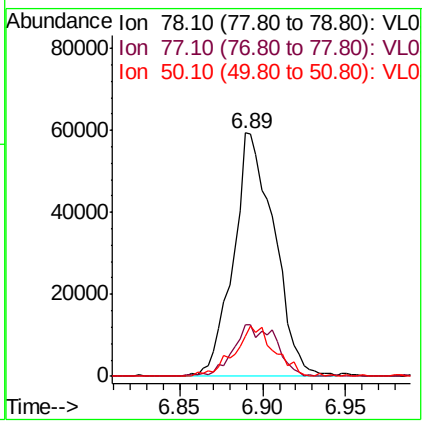


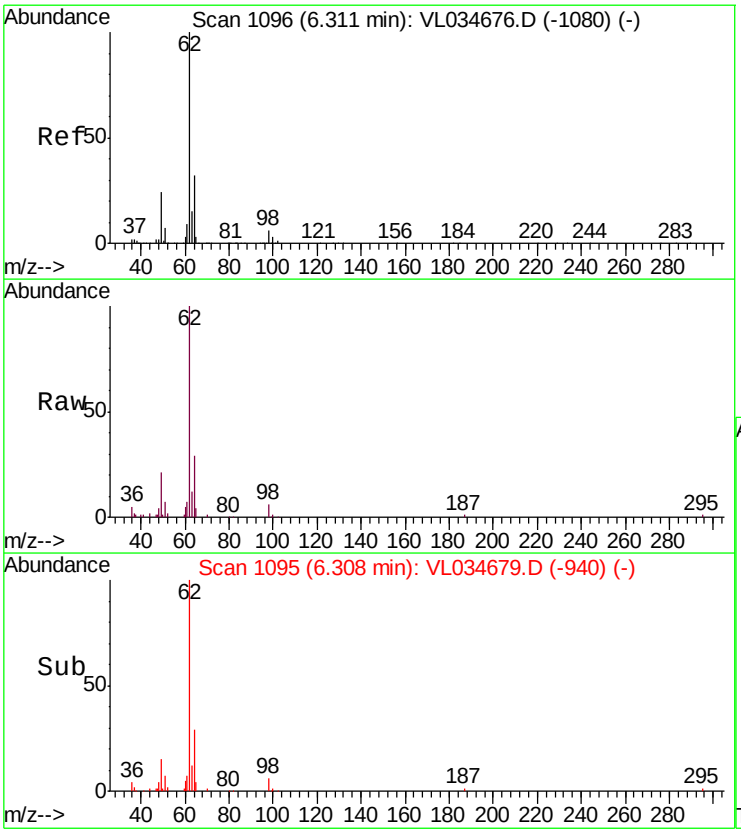
#36
Benzene
Concen: 0.461 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. -0.01 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 78 Resp: 101942

Ion	Ratio	Lower	Upper
78	100		
77	20.5	19.5	29.3
50	16.2	14.6	21.8

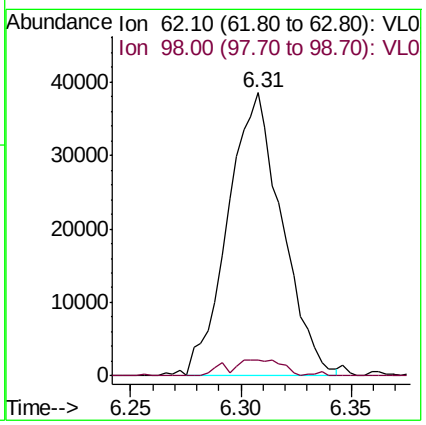


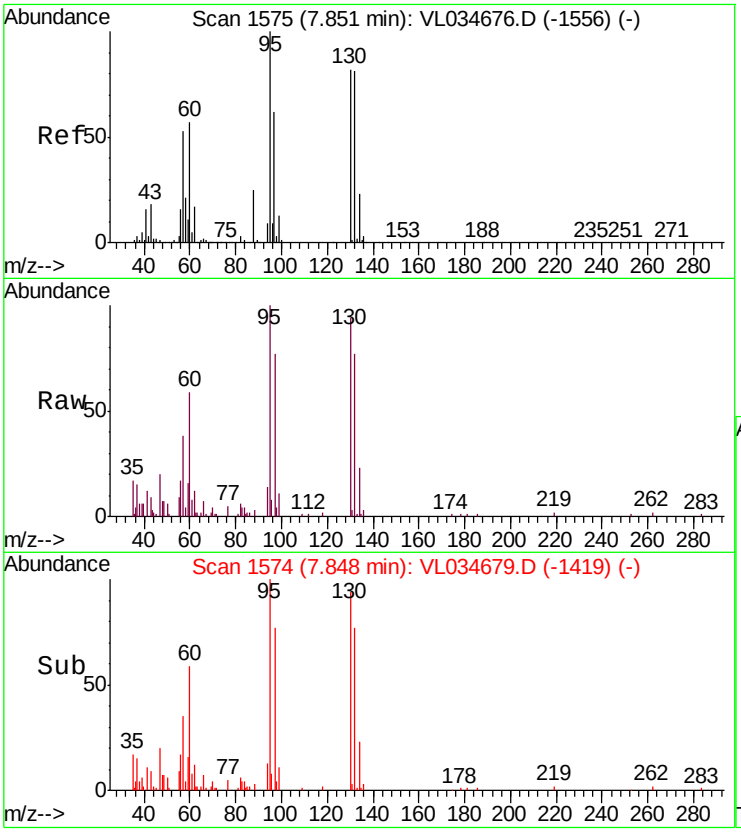


#37
1,2-Dichloroethane
Concen: 0.452 ppbv
RT: 6.31 min Scan# 1095
Delta R.T. -0.00 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Tgt Ion: 62 Resp: 65433

Ion	Ratio	Lower	Upper
62	100		
98	5.9	4.7	7.1



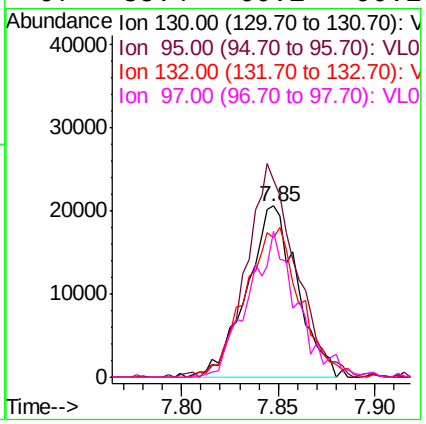


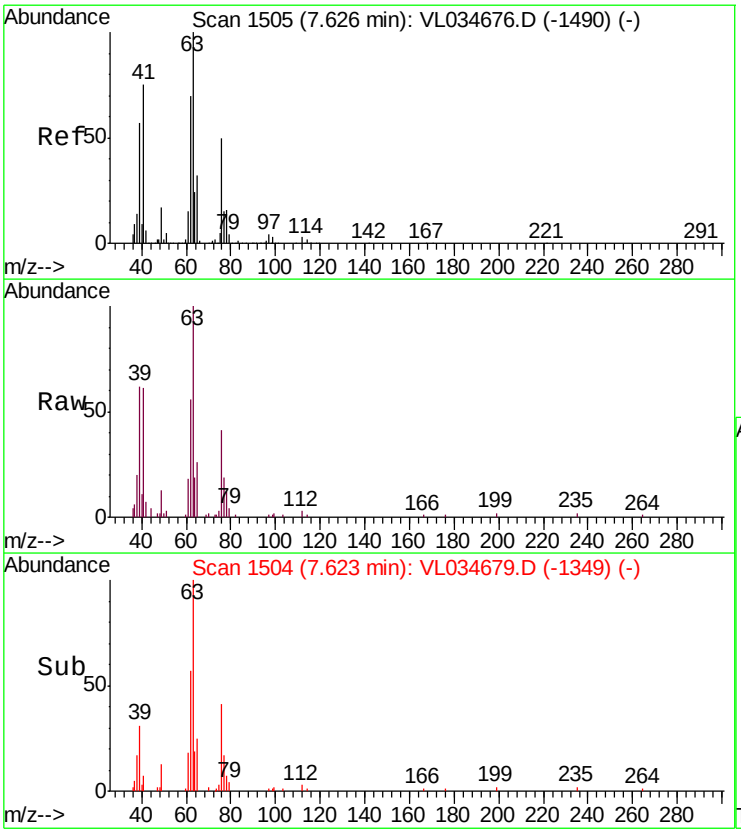
#38
Trichloroethene
Concen: 0.442 ppbv
RT: 7.85 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion:130 Resp: 37118

Ion	Ratio	Lower	Upper
130	100		
95	112.8	97.1	145.7
132	81.2	78.3	117.5
97	85.4	60.1	90.1

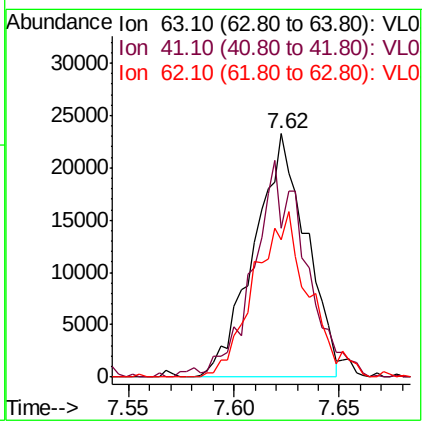


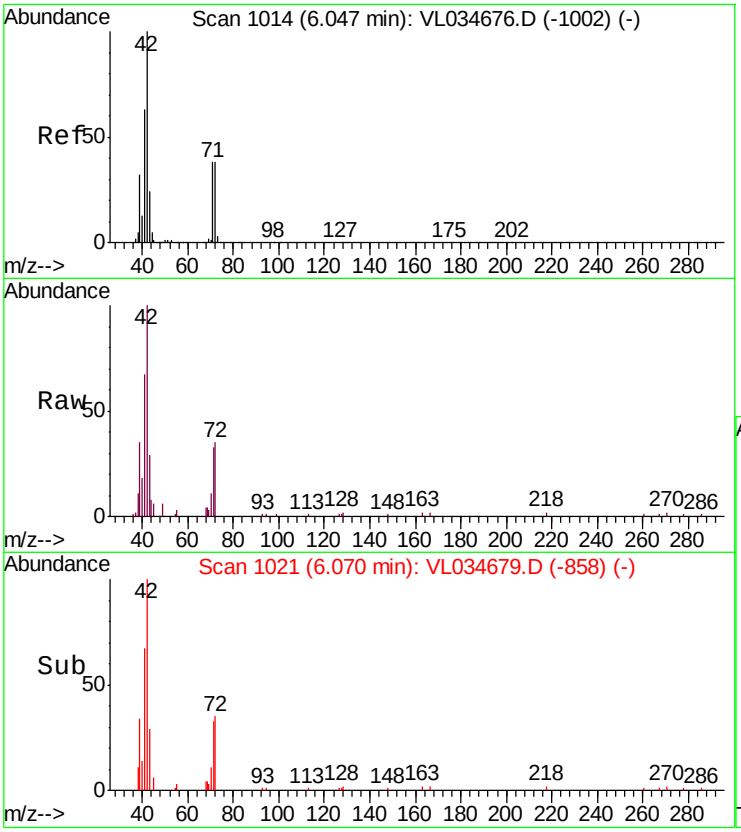


#39
1,2-Dichloropropane
Concen: 0.441 ppbv
RT: 7.62 min Scan# 1504
Delta R.T. -0.00 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Tgt Ion: 63 Resp: 40136

Ion	Ratio	Lower	Upper
63	100		
41	58.8	60.2	90.4#
62	56.2	56.3	84.5#



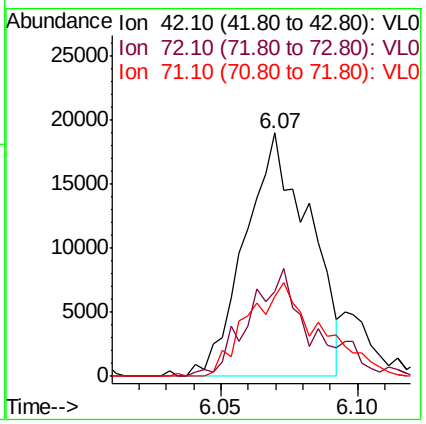


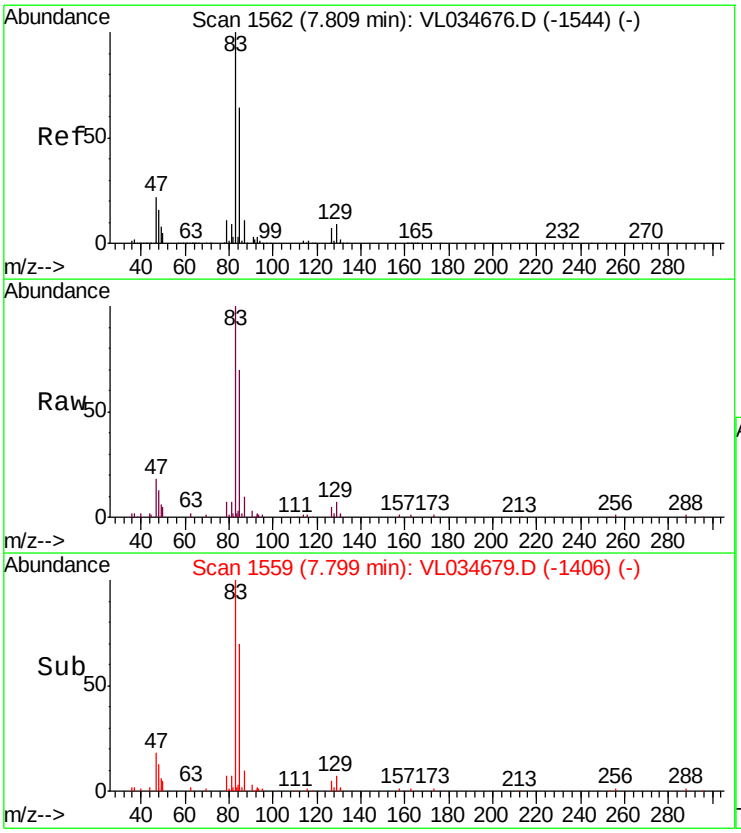
#41
Tetrahydrofuran
Concen: 0.356 ppbv
RT: 6.07 min Scan# 1021
Delta R.T. 0.02 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 42 Resp: 31004

Ion	Ratio	Lower	Upper
42	100		
72	44.6	31.7	47.5
71	43.8	30.7	46.1

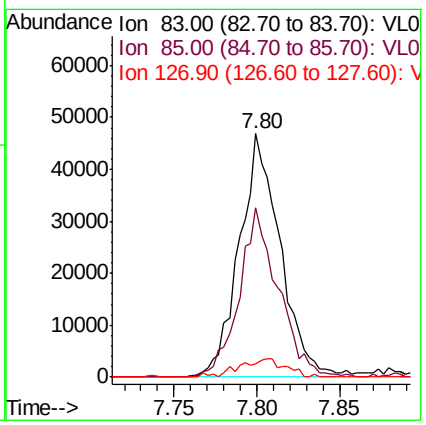


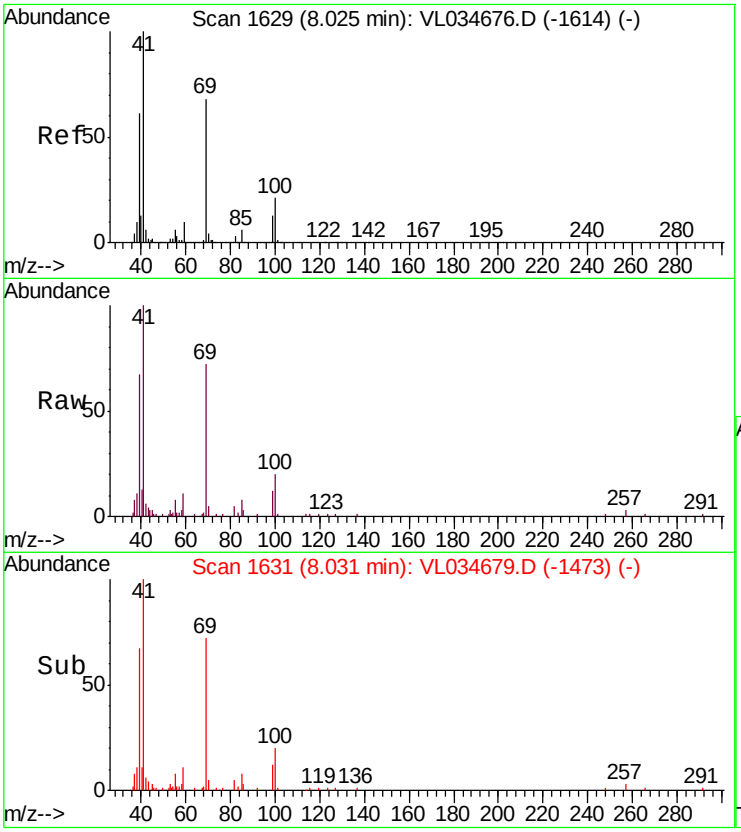


#42
Bromodichloromethane
Concen: 0.426 ppbv
RT: 7.80 min Scan# 1559
Delta R.T. -0.01 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Tgt Ion: 83 Resp: 79939

Ion	Ratio	Lower	Upper
83	100		
85	69.8	51.1	76.7
127	5.2	5.8	8.8#



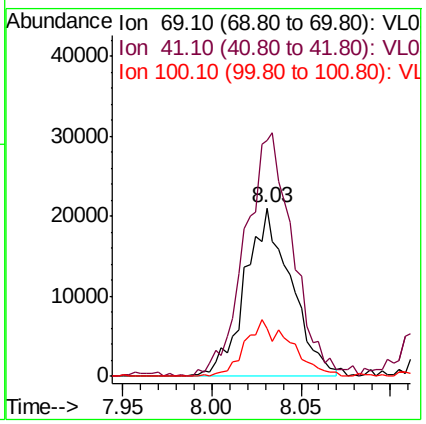


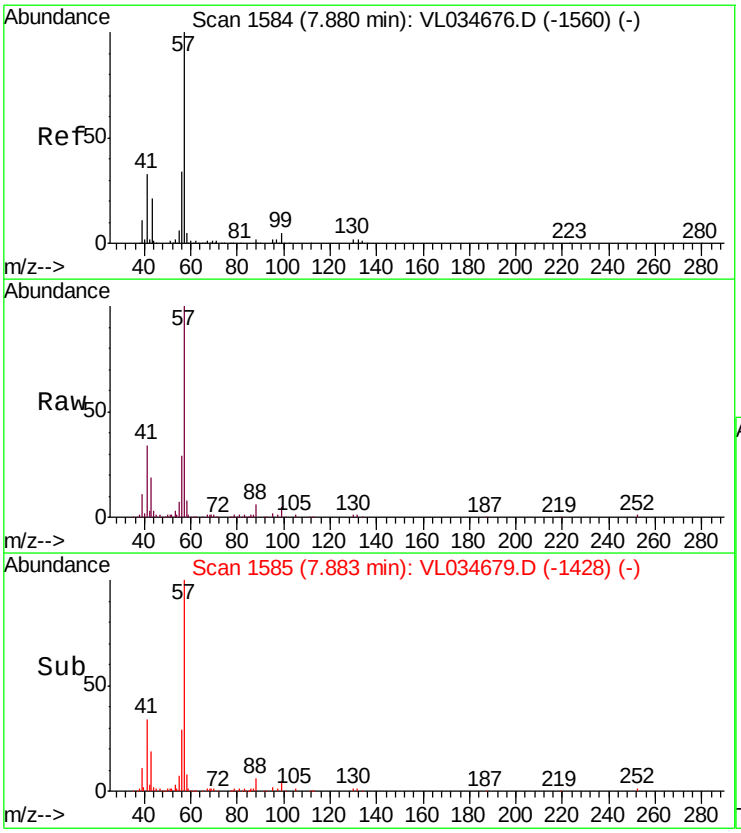
#43
Methyl Methacrylate
Concen: 0.437 ppbv
RT: 8.03 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 69 Resp: 37896

Ion	Ratio	Lower	Upper
69	100		
41	152.2	118.2	177.2
100	33.0	24.2	36.2

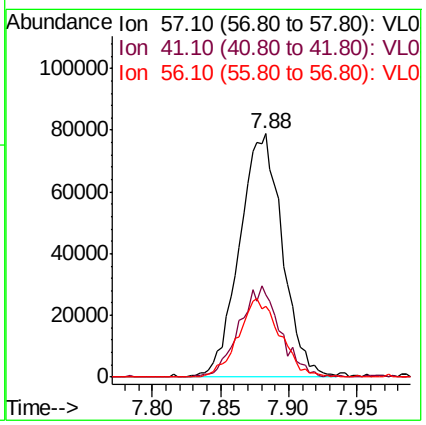


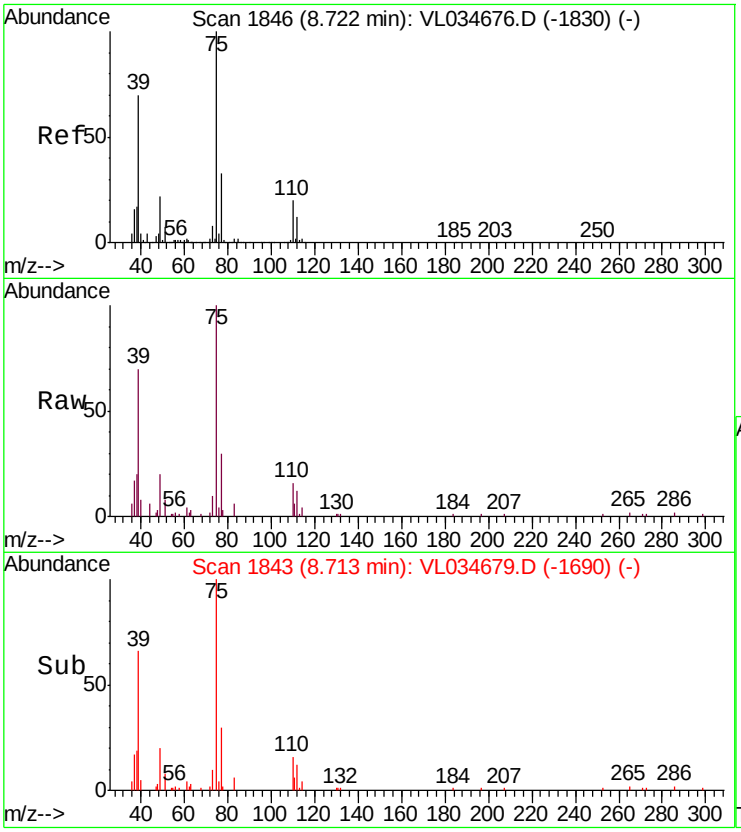


#44
2,2,4-Trimethylpentane
Concen: 0.432 ppbv
RT: 7.88 min Scan# 1585
Delta R.T. 0.00 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Tgt Ion: 57 Resp: 171753

Ion	Ratio	Lower	Upper
57	100		
41	35.8	26.0	39.0
56	31.5	25.6	38.4



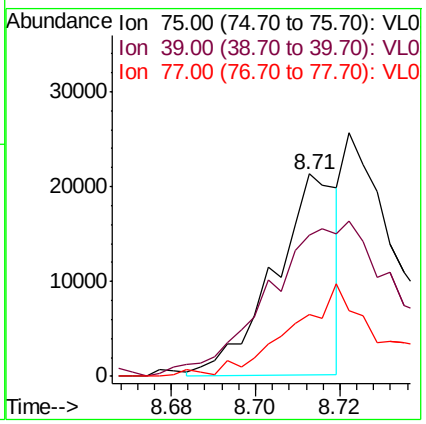


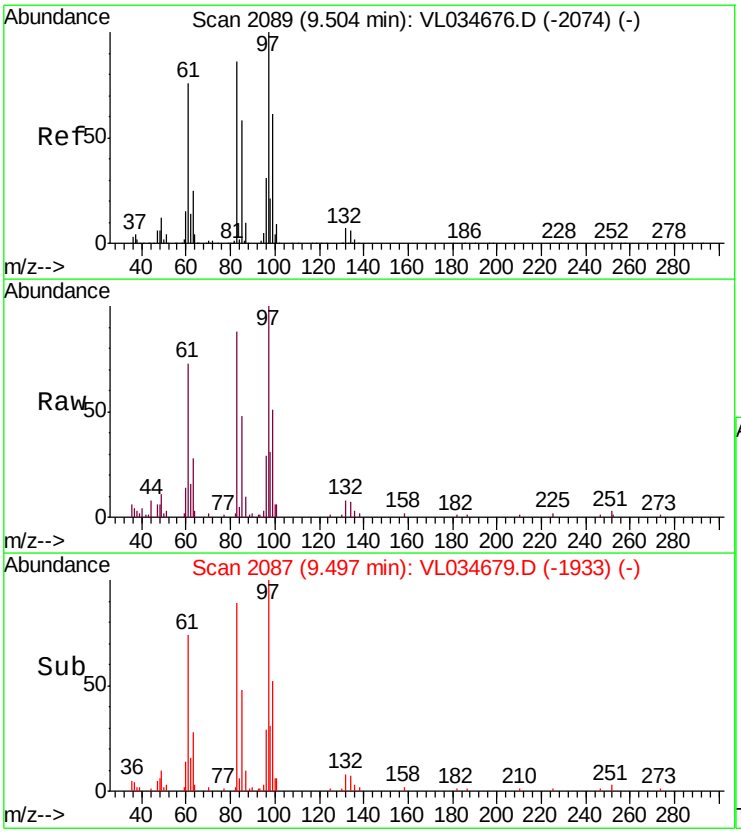
#46
cis-1,3-Dichloropropene
Concen: 0.186 ppbv
RT: 8.71 min Scan# 1843
Delta R.T. -0.01 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 75 Resp: 22049

Ion	Ratio	Lower	Upper
75	100		
39	65.9	55.7	83.5
77	27.5	26.3	39.5

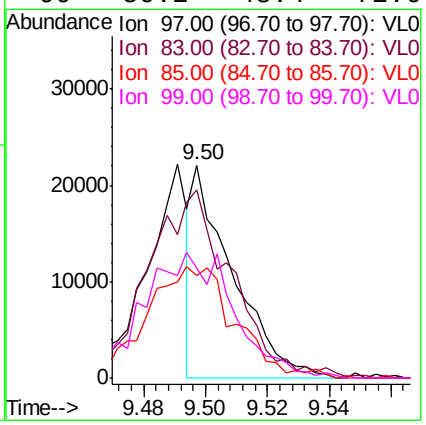


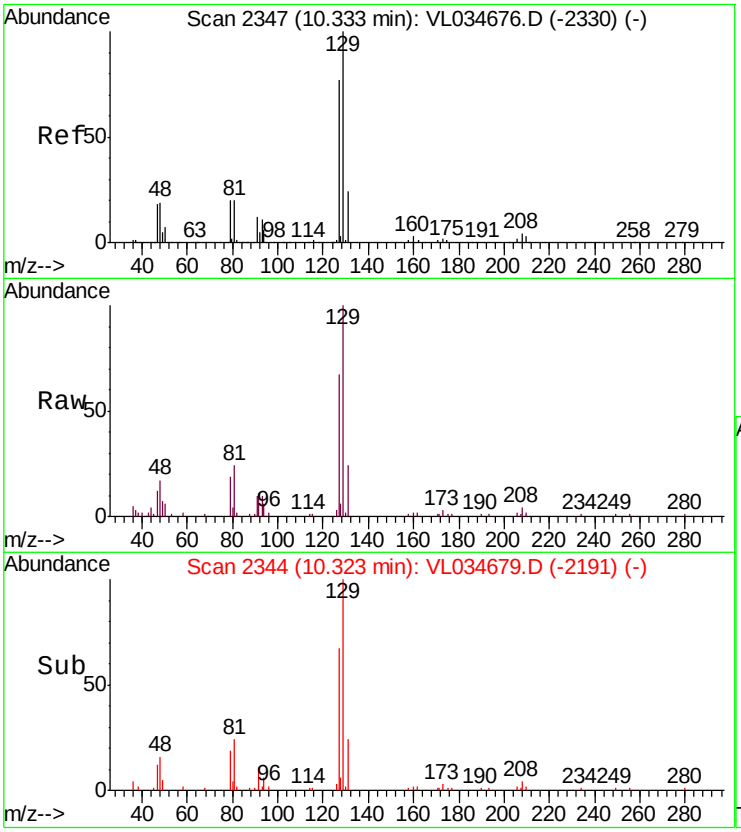


#47
1,1,2-Trichloroethane
Concen: 0.206 ppbv
RT: 9.50 min Scan# 2087
Delta R.T. -0.01 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Tgt Ion: 97 Resp: 19861

Ion	Ratio	Lower	Upper
97	100		
83	85.7	69.4	104.0
85	47.9	46.4	69.6
99	50.2	48.4	72.6



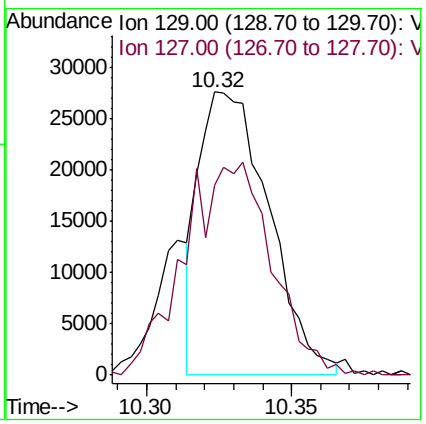


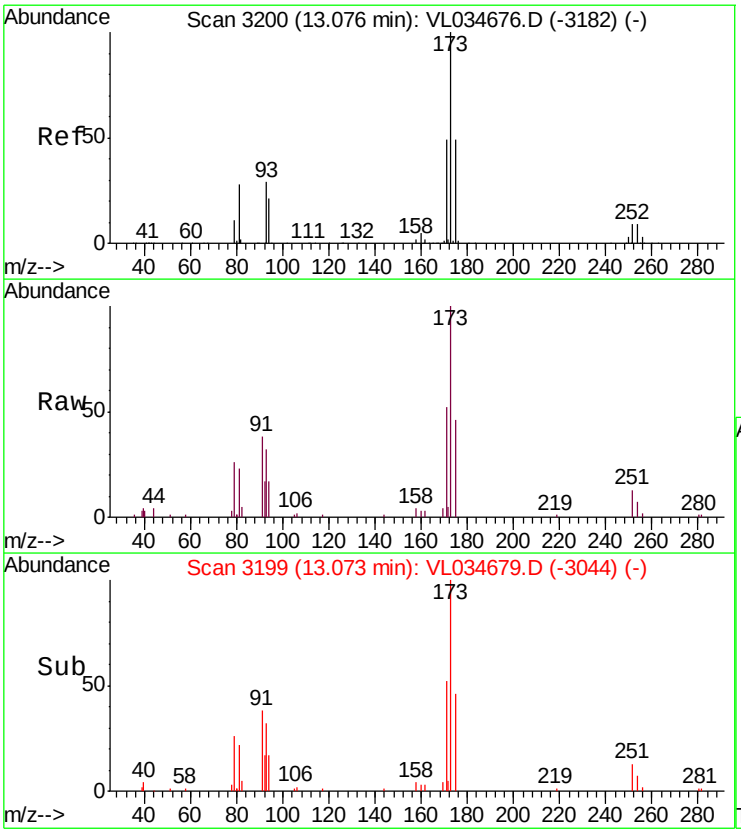
#48
Dibromochloromethane
Concen: 0.314 ppbv
RT: 10.32 min Scan# 2344
Delta R.T. -0.01 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion:129 Resp: 46332

Ion	Ratio	Lower	Upper
129	100		
127	94.3	39.3	117.8

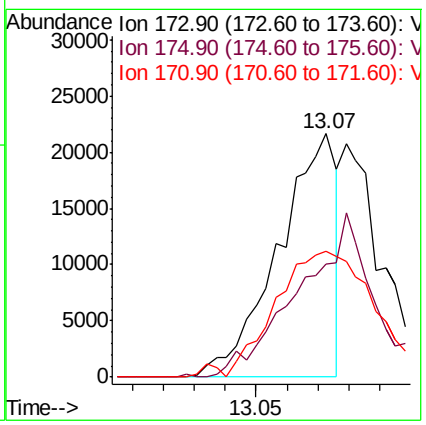


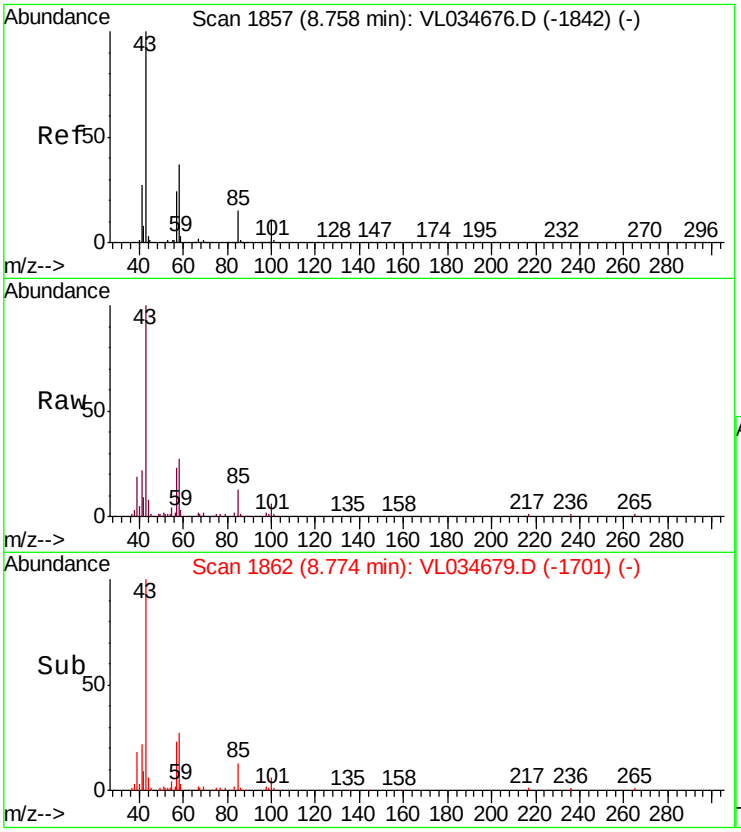


#49
Bromoform
Concen: 0.218 ppbv
RT: 13.07 min Scan# 3199
Delta R.T. -0.00 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Tgt Ion:173 Resp: 28162

Ion	Ratio	Lower	Upper
173	100		
175	0.0	38.6	58.0#
171	90.9	41.5	62.3#



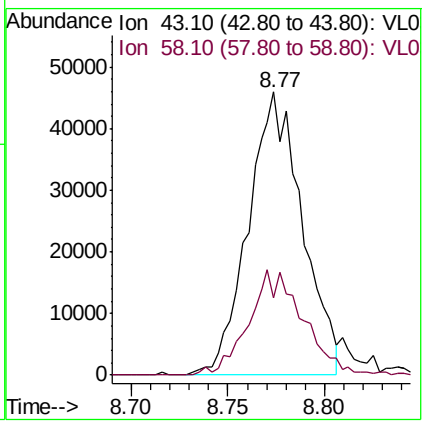


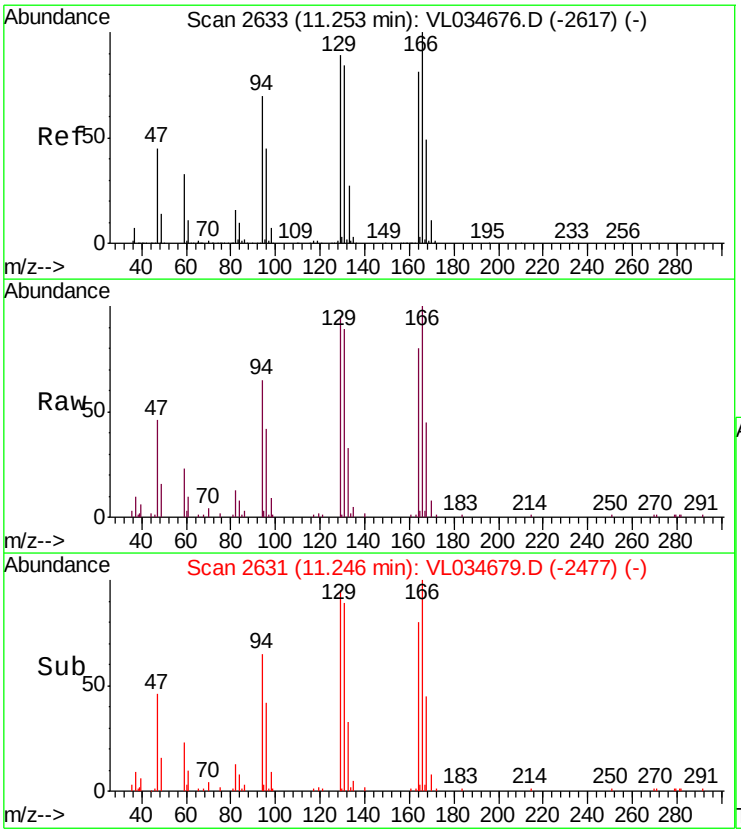
#50
4-Methyl-2-Pentanone
Concen: 0.378 ppbv
RT: 8.77 min Scan# 1862
Delta R.T. 0.02 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 89464

Ion	Ratio	Lower	Upper
43	100		
58	37.4	29.0	43.6

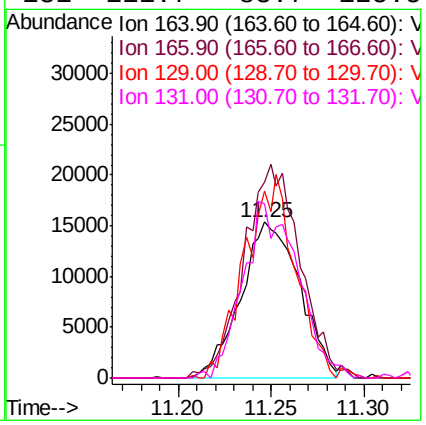


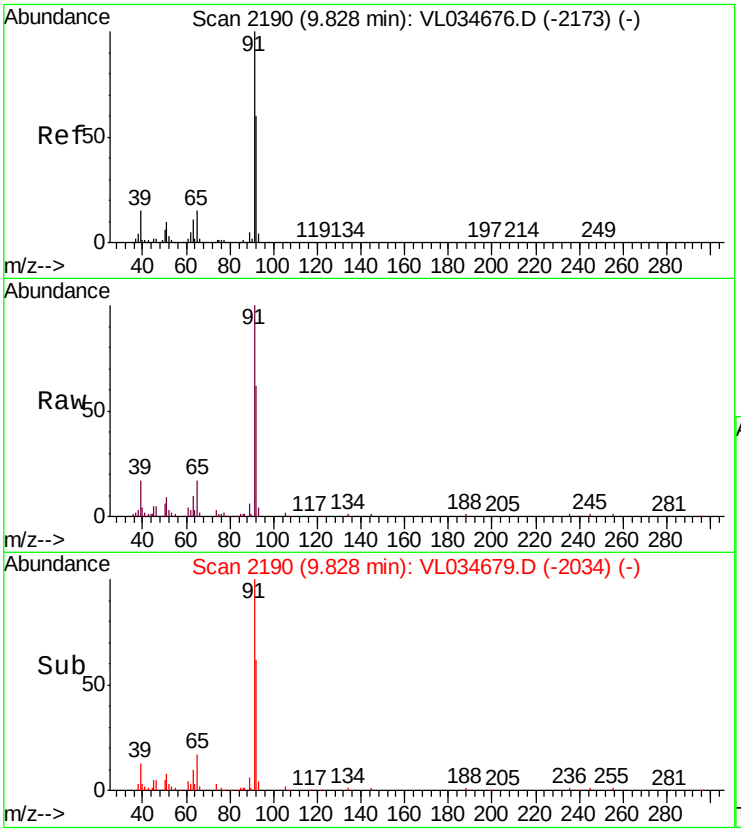


#52
Tetrachloroethene
Concen: 0.438 ppbv
RT: 11.25 min Scan# 2631
Delta R.T. -0.01 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Tgt Ion:164 Resp: 34210

Ion	Ratio	Lower	Upper
164	100		
166	125.6	99.2	148.8
129	121.3	88.0	132.0
131	111.7	83.7	125.5



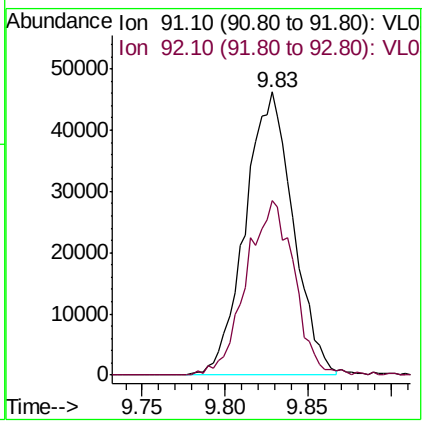


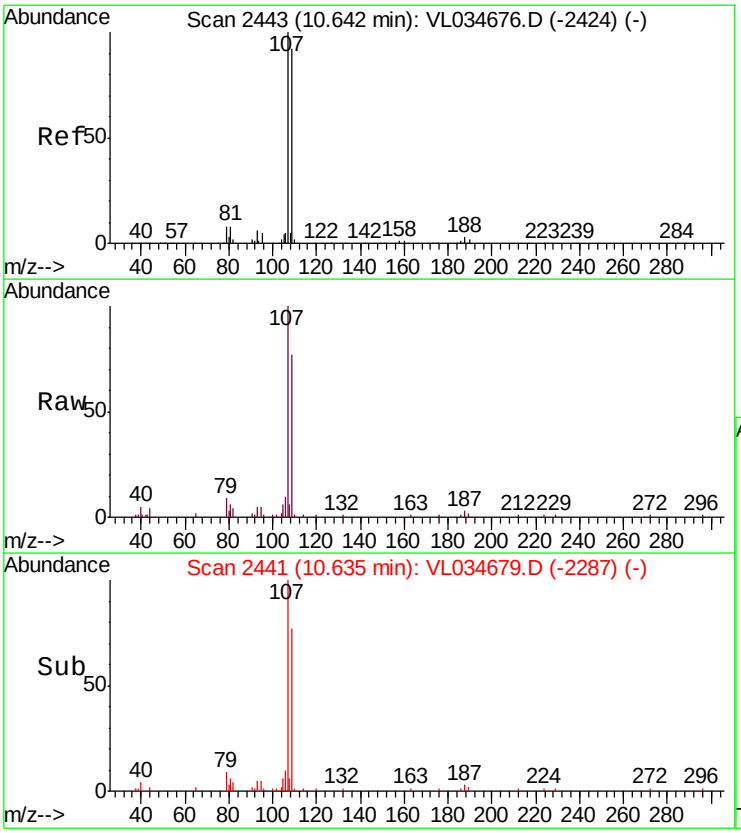
#53
Toluene
Concen: 0.390 ppbv
RT: 9.83 min Scan# 2190
Delta R.T. 0.00 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 91 Resp: 92883

Ion	Ratio	Lower	Upper
91	100		
92	61.9	48.5	72.7

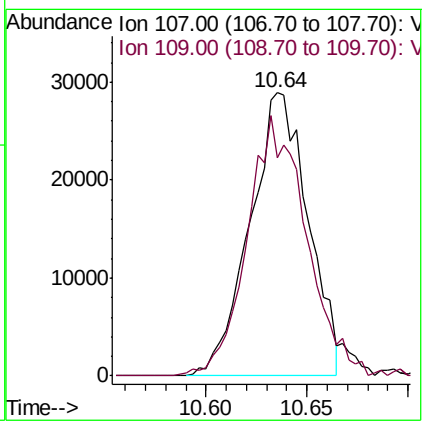


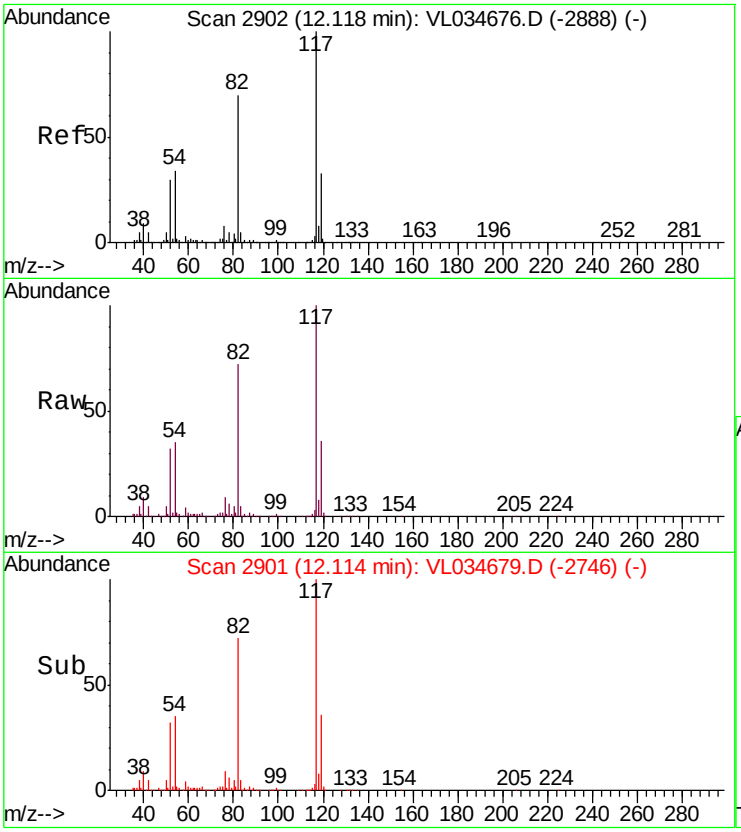


#54
1,2-Dibromoethane
Concen: 0.431 ppbv
RT: 10.64 min Scan# 2441
Delta R.T. -0.01 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Tgt Ion:107 Resp: 57789

Ion	Ratio	Lower	Upper
107	100		
109	75.5	73.9	110.9



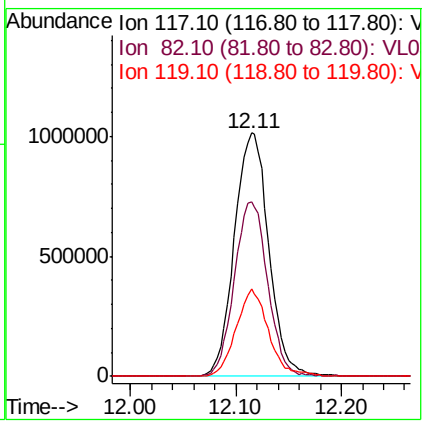


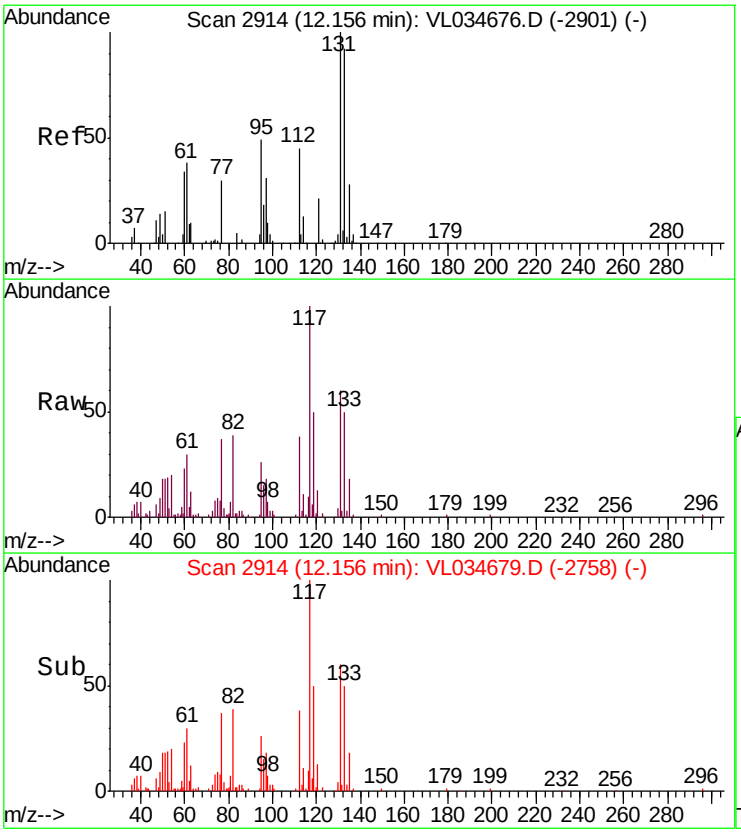
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. -0.00 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion:117 Resp: 2294995

Ion	Ratio	Lower	Upper
117	100		
82	69.8	54.1	81.1
119	34.0	27.6	41.4

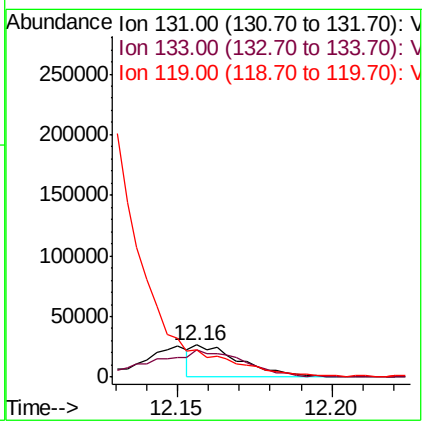


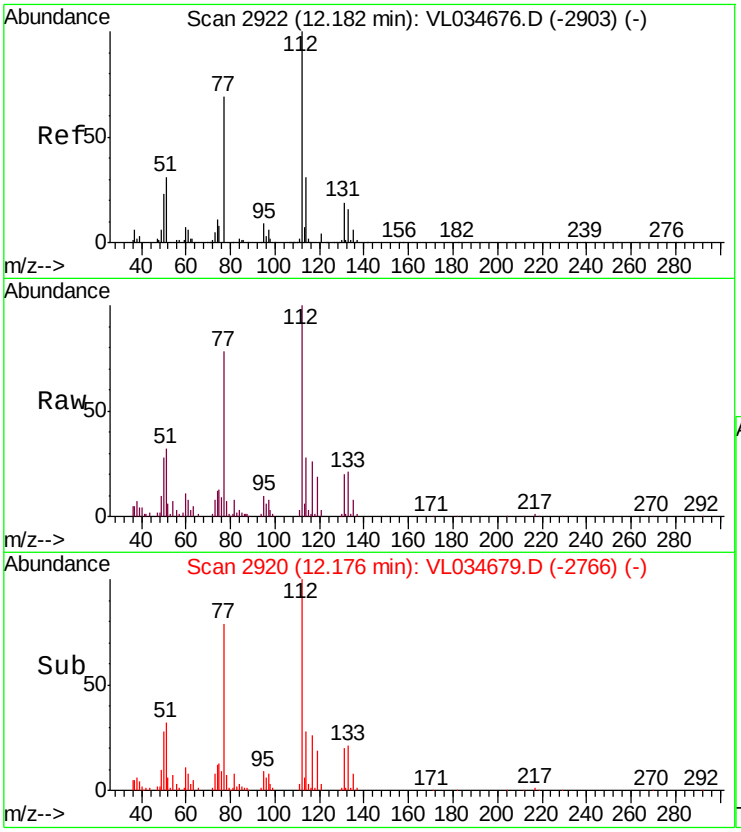


#56
1,1,1,2-Tetrachloroethane
Concen: 0.278 ppbv
RT: 12.16 min Scan# 2914
Delta R.T. 0.00 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Tgt Ion:131 Resp: 27914

Ion	Ratio	Lower	Upper
131	100		
133	167.0	76.6	114.8#
119	0.0	51.3	76.9#



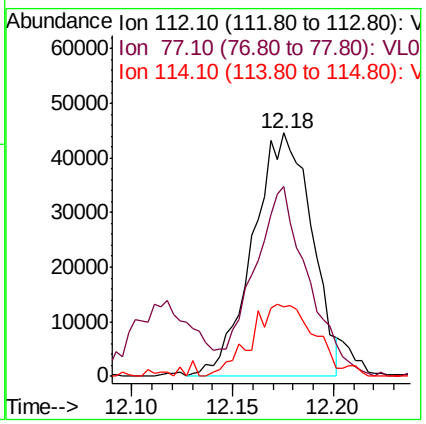


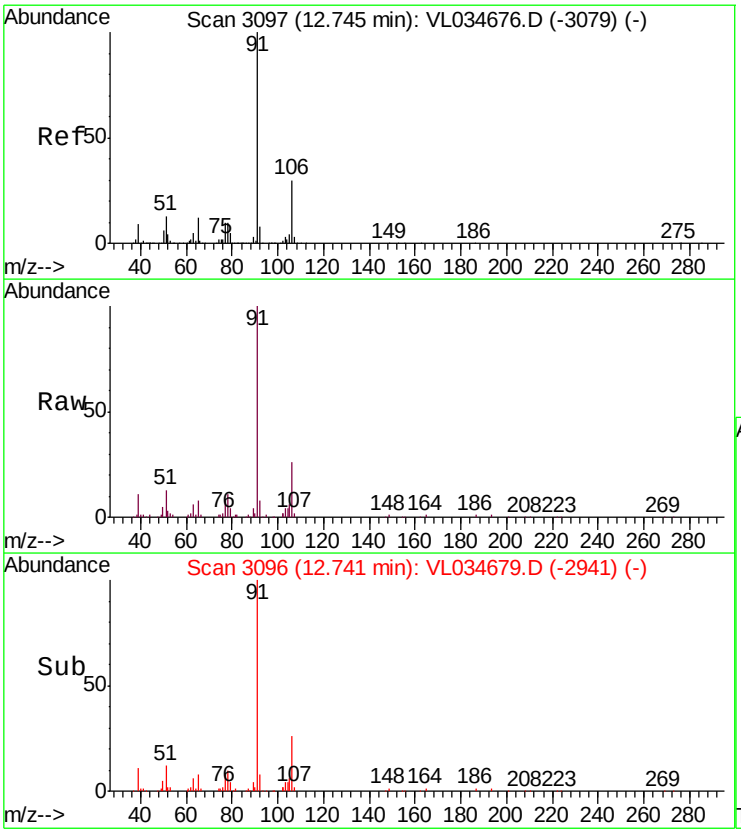
#57
Chlorobenzene
Concen: 0.476 ppbv
RT: 12.18 min Scan# 2920
Delta R.T. -0.01 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion:112 Resp: 90323

Ion	Ratio	Lower	Upper
112	100		
77	64.6	56.5	84.7
114	28.4	28.1	34.3

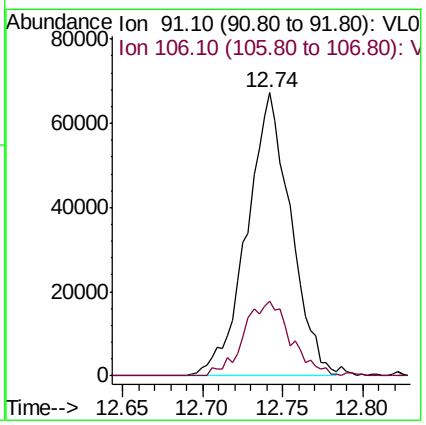


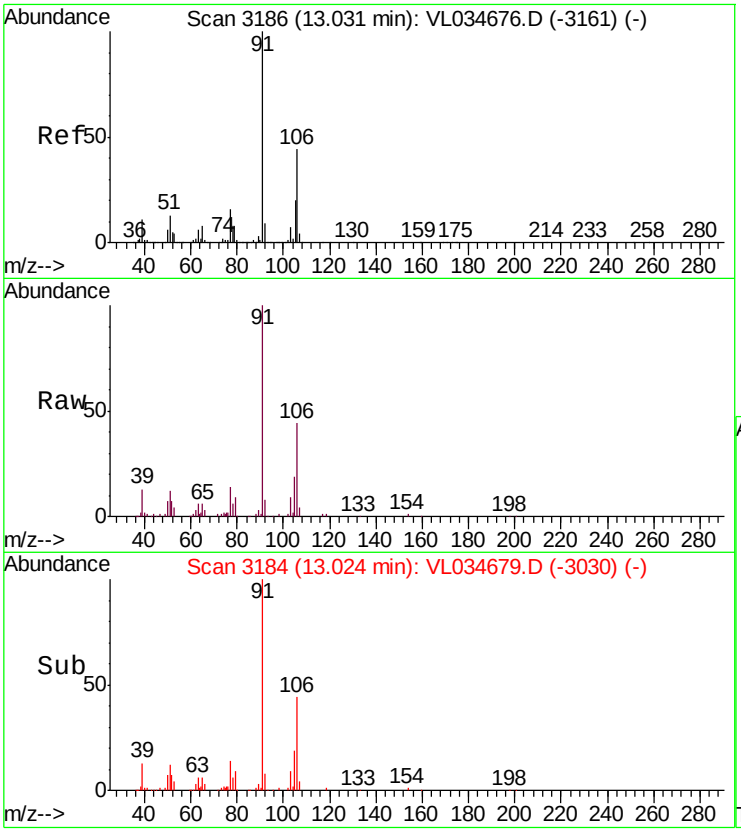


#58
Ethyl Benzene
Concen: 0.415 ppbv
RT: 12.74 min Scan# 3096
Delta R.T. -0.00 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Tgt Ion: 91 Resp: 126751

Ion	Ratio	Lower	Upper
91	100		
106	26.4	24.0	36.0



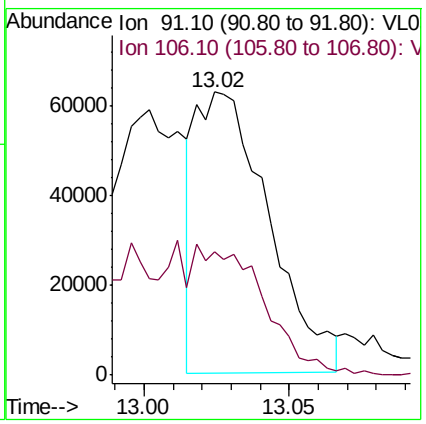


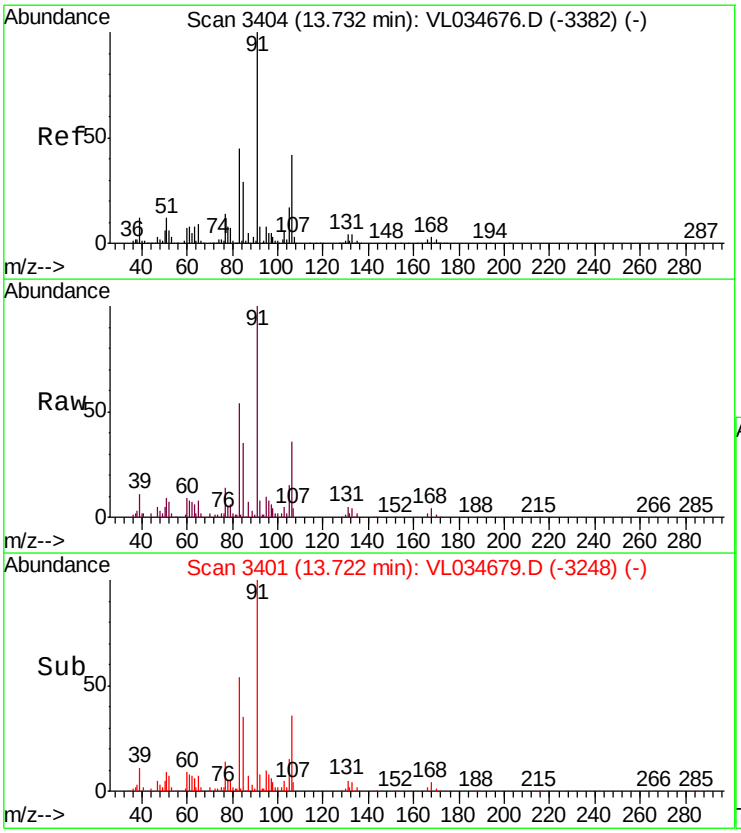
#59
m/p-Xylene
Concen: 0.409 ppbv
RT: 13.02 min Scan# 3184
Delta R.T. -0.01 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 91 Resp: 109588

Ion	Ratio	Lower	Upper
91	100		
106	0.0	35.6	53.4#

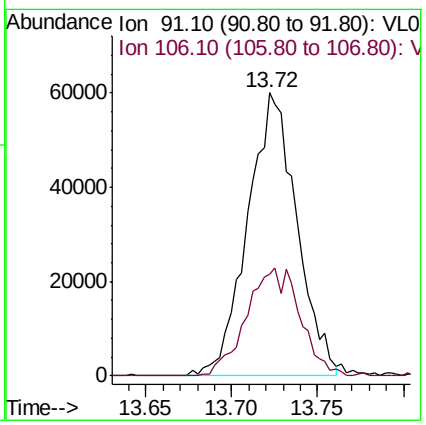


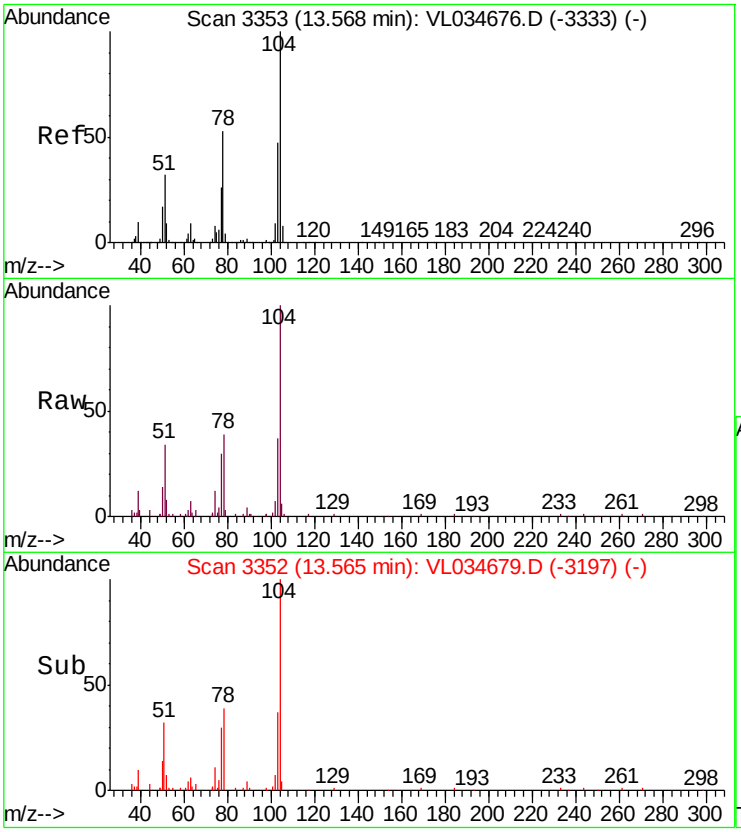


#60
o-Xylene
Concen: 0.446 ppbv
RT: 13.72 min Scan# 3401
Delta R.T. -0.01 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Tgt Ion: 91 Resp: 119259

Ion	Ratio	Lower	Upper
91	100		
106	41.7	21.9	65.5



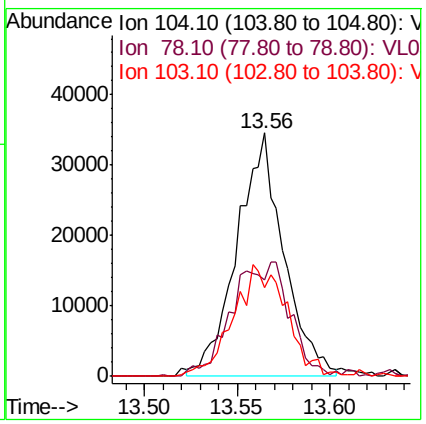


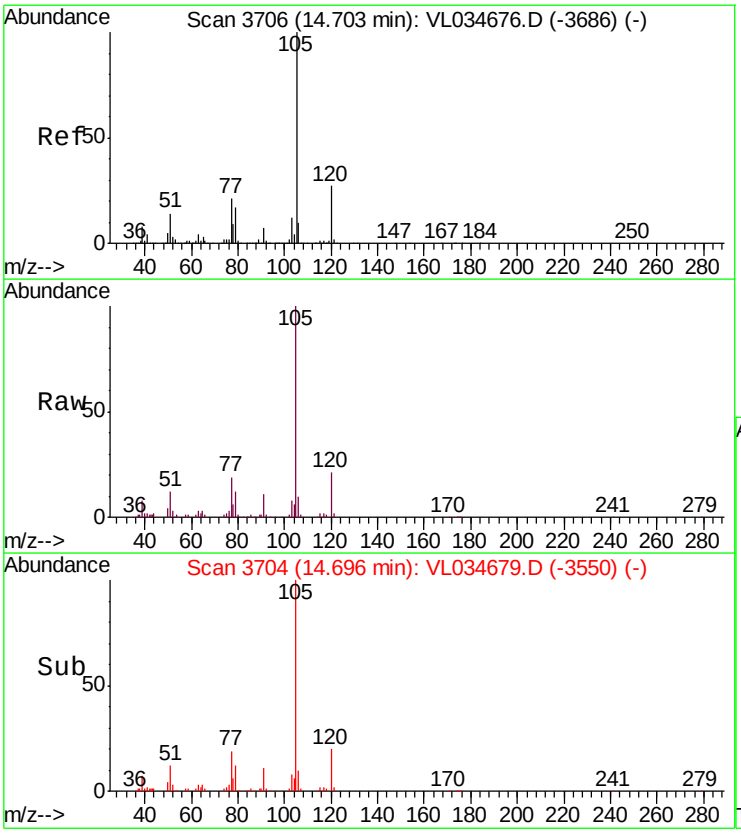
#61
Styrene
Concen: 0.332 ppbv
RT: 13.56 min Scan# 3352
Delta R.T. -0.00 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:104 Resp: 60789

Ion	Ratio	Lower	Upper
104	100		
78	59.0	44.2	66.4
103	53.2	37.4	56.0

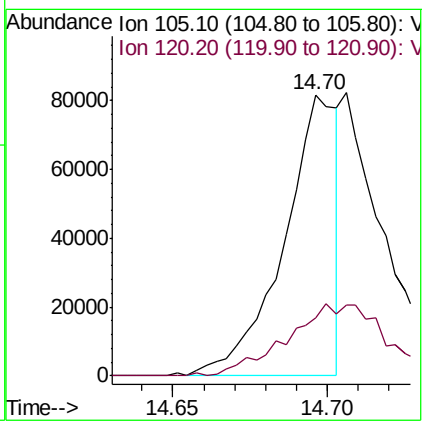


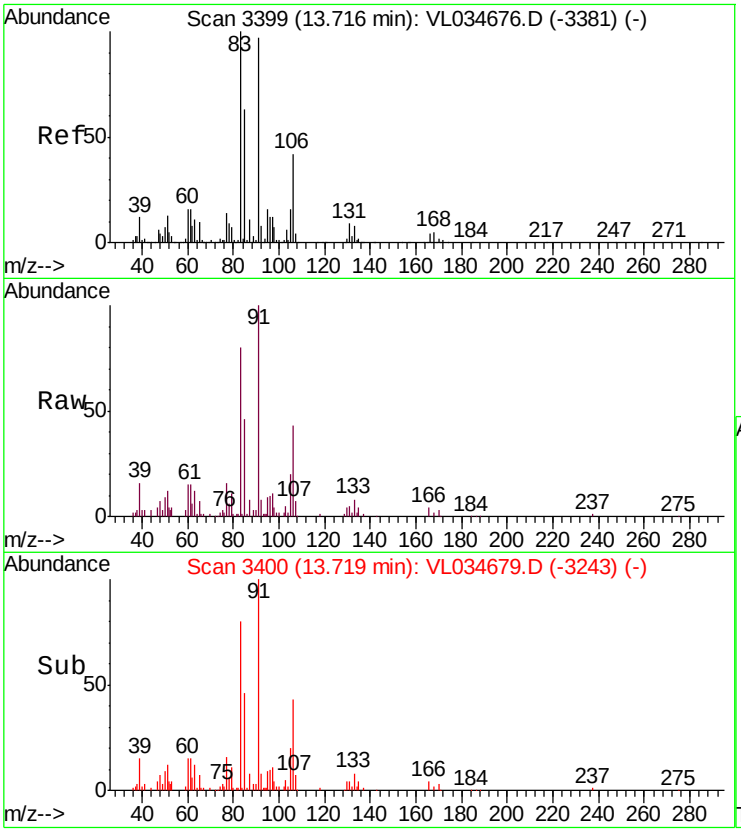


#62
Isopropylbenzene
Concen: 0.275 ppbv
RT: 14.70 min Scan# 3704
Delta R.T. -0.01 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Tgt Ion:105 Resp: 97431

Ion	Ratio	Lower	Upper
105	100		
120	47.2	20.2	30.4#



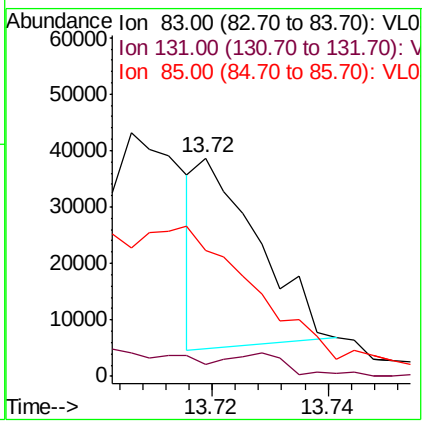


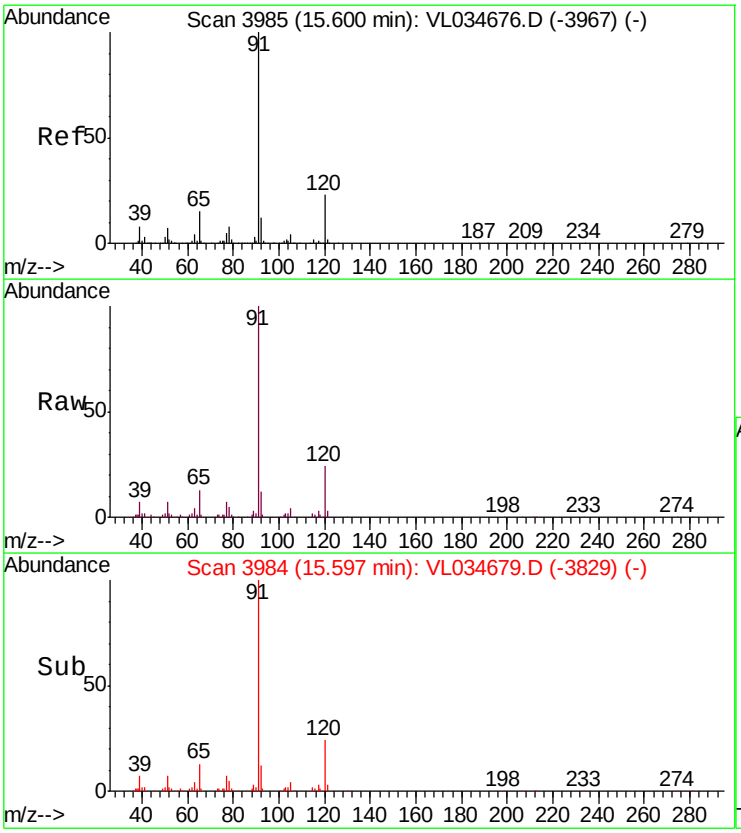
#63
1,1,2,2-Tetrachloroethane
Concen: 0.114 ppbv
RT: 13.72 min Scan# 3400
Delta R.T. 0.00 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 83 Resp: 24322

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.4	13.2#
85	262.7	32.5	97.5#

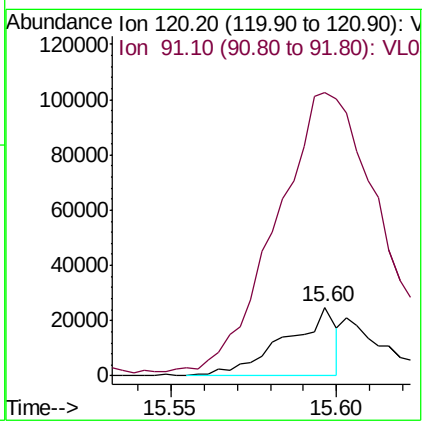


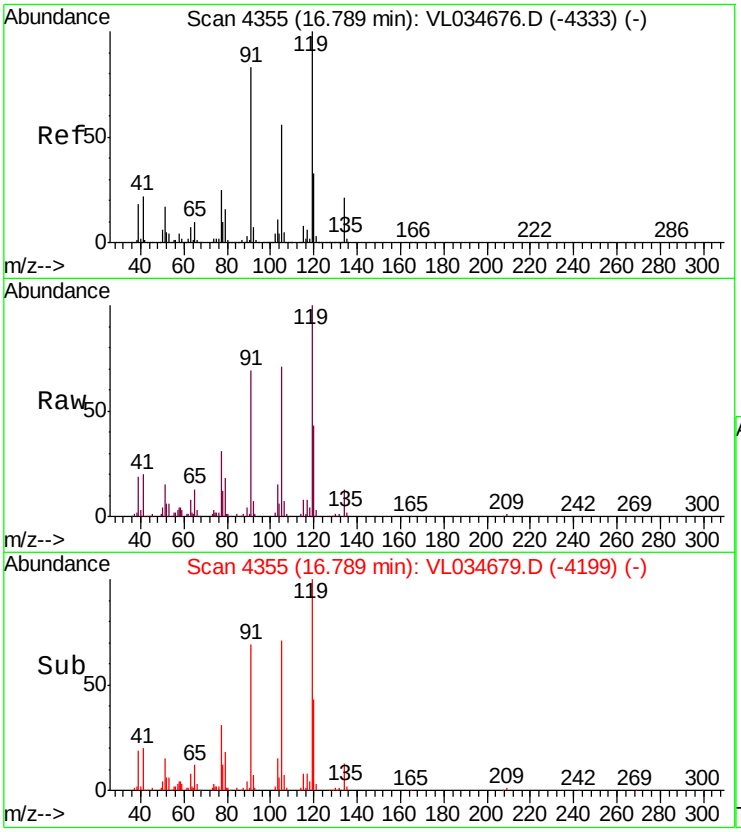


#64
n-propylbenzene
Concen: 0.292 ppbv
RT: 15.60 min Scan# 3984
Delta R.T. -0.00 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Tgt Ion:120 Resp: 26286

Ion	Ratio	Lower	Upper
120	100		
91	876.6	369.8	554.8#



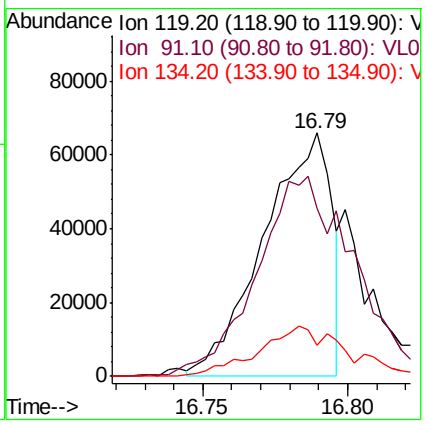


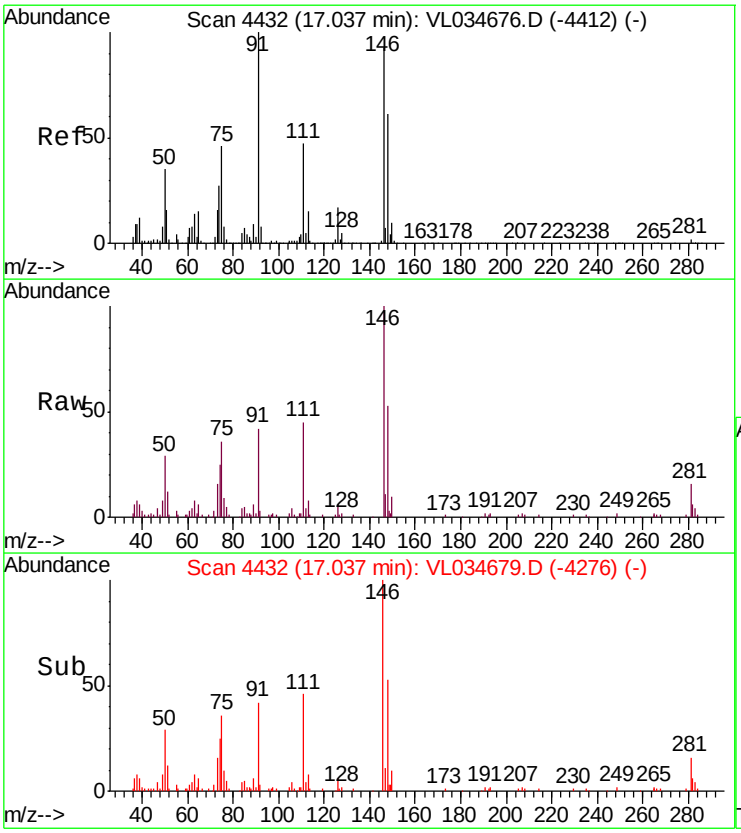
#65
tert-Butylbenzene
Concen: 0.347 ppbv
RT: 16.79 min Scan# 4355
Delta R.T. 0.00 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:119 Resp: 107133

Ion	Ratio	Lower	Upper
119	100		
91	122.5	69.1	103.7#
134	27.6	15.8	23.8#

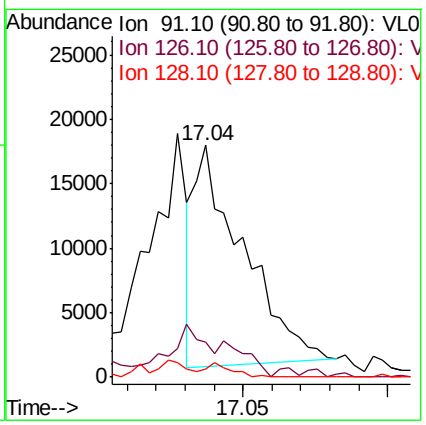


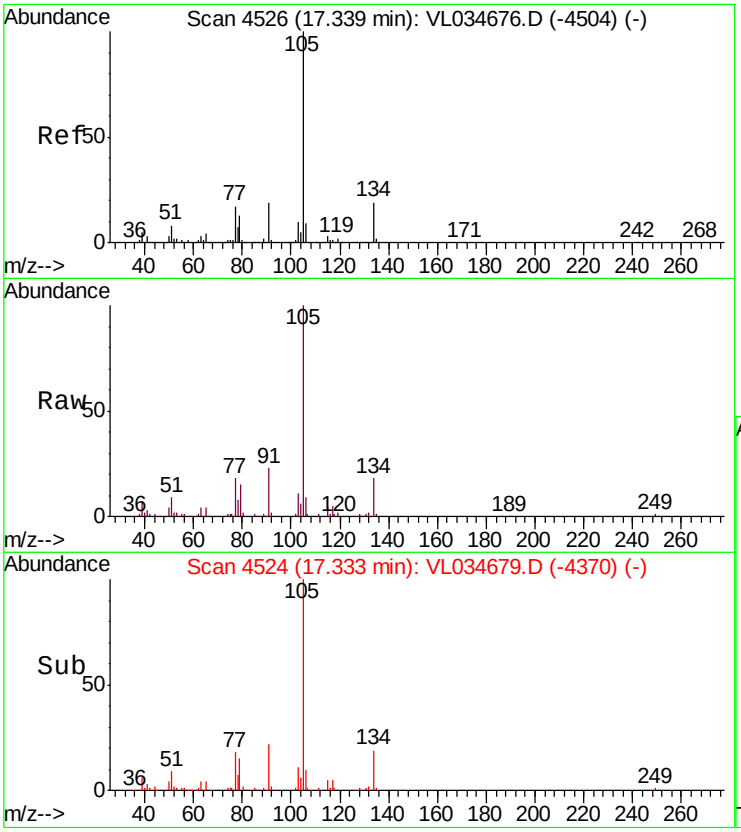


#66
Benzyl Chloride
Concen: 0.168 ppbv
RT: 17.04 min Scan# 4432
Delta R.T. 0.00 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Tgt Ion: 91 Resp: 19987

Ion	Ratio	Lower	Upper
91	100		
126	0.0	13.5	20.3#
128	0.0	4.2	6.4#



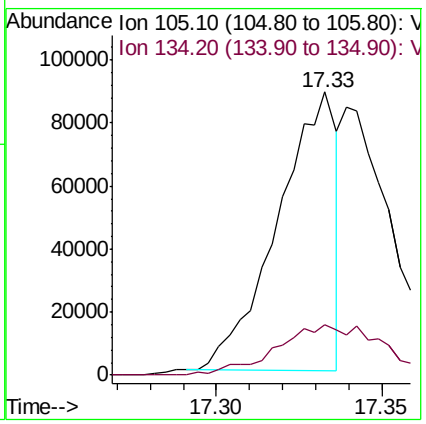


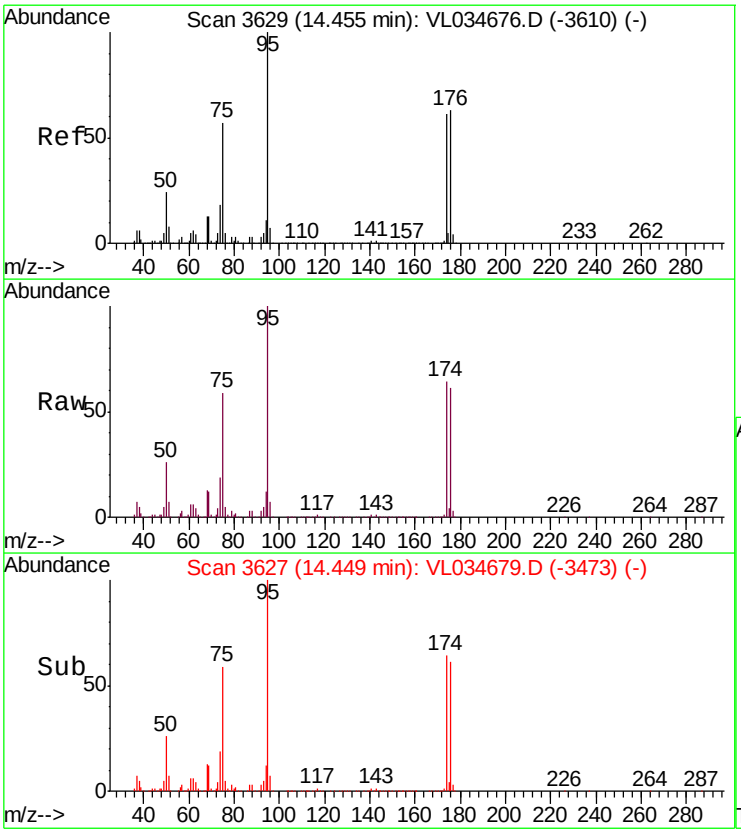
#67
sec-Butylbenzene
Concen: 0.248 ppbv
RT: 17.33 min Scan# 4524
Delta R.T. -0.01 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion:105 Resp: 109338

Ion	Ratio	Lower	Upper
105	100		
134	34.4	14.8	22.2#

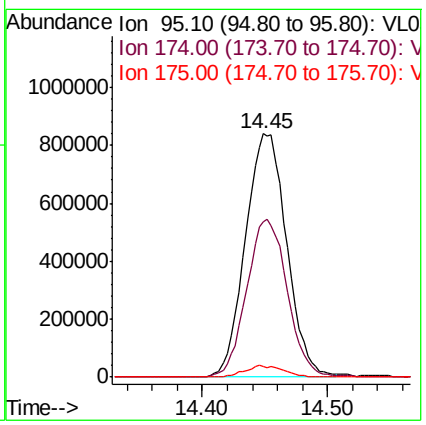


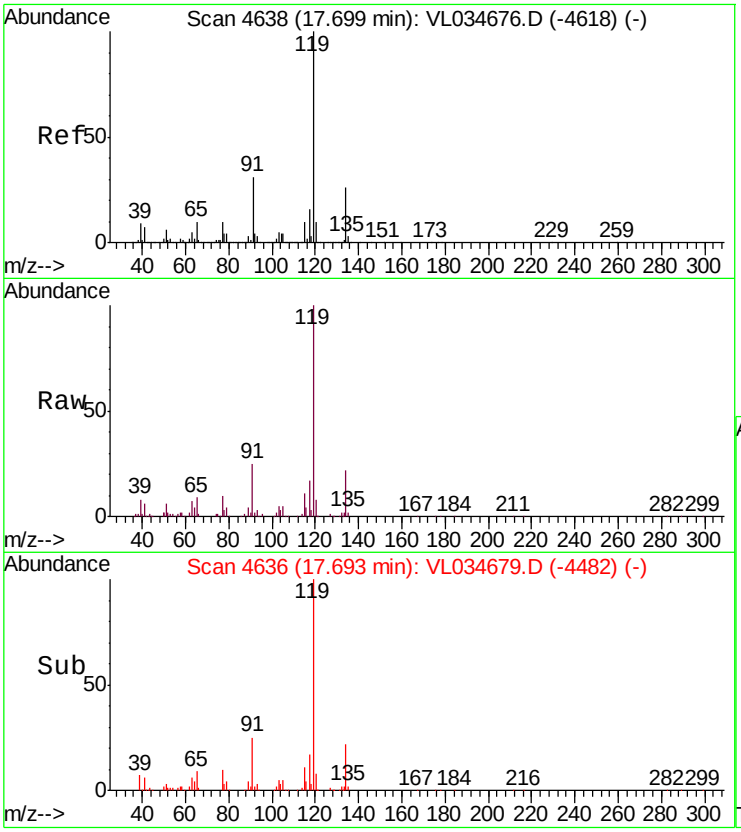


#68
1-Bromo-4-Fluorobenzene
Concen: 10.198 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. -0.01 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Tgt Ion: 95 Resp: 1921042

Ion	Ratio	Lower	Upper
95	100		
174	64.3	50.7	76.1
175	4.6	3.9	5.9



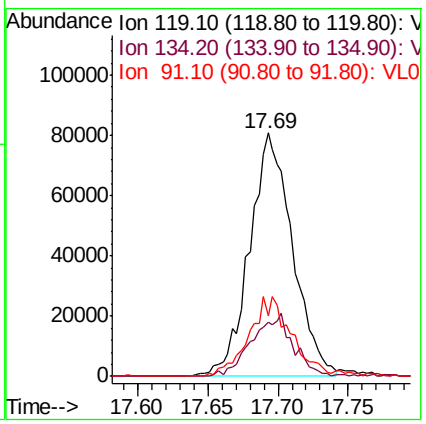


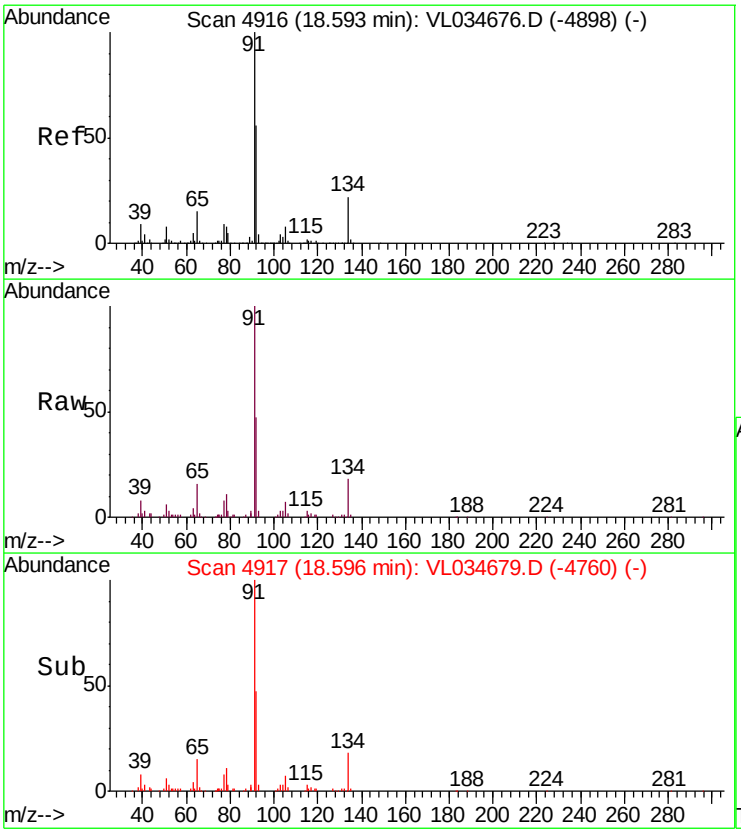
#69
p-Isopropyltoluene
Concen: 0.490 ppbv
RT: 17.69 min Scan# 4636
Delta R.T. -0.01 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:119 Resp: 171880

Ion	Ratio	Lower	Upper
119	100		
134	24.7	20.6	31.0
91	33.2	25.3	37.9

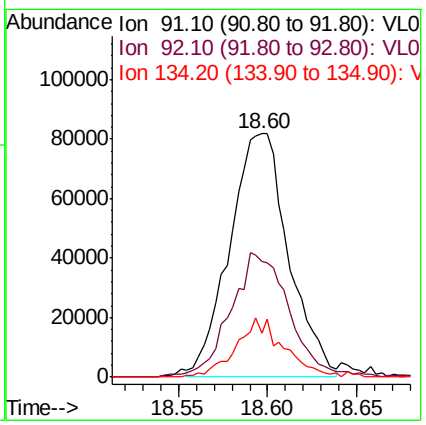


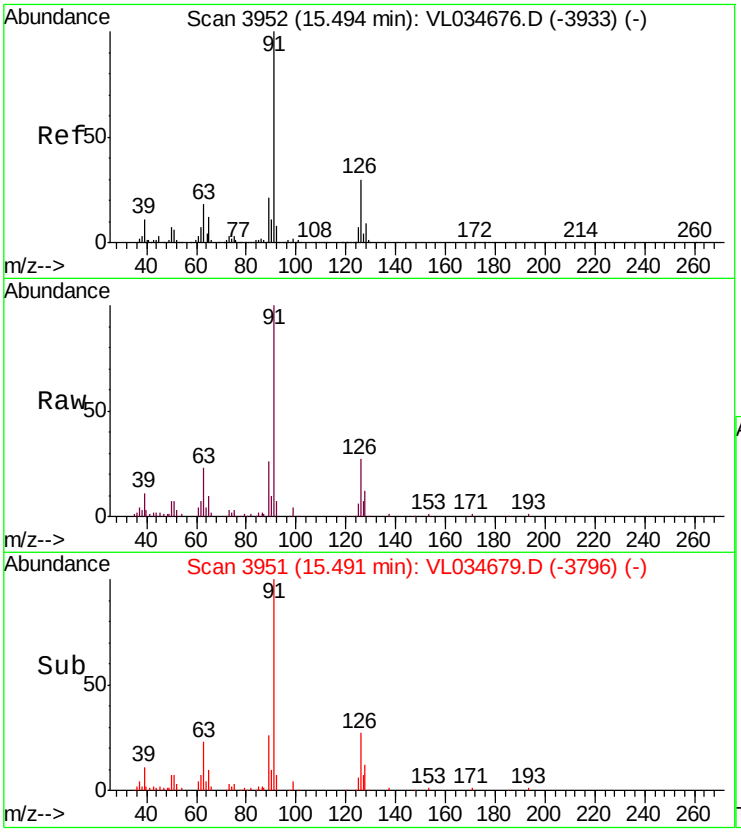


#70
n-Butylbenzene
Concen: 0.500 ppbv
RT: 18.60 min Scan# 4917
Delta R.T. 0.00 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Tgt Ion: 91 Resp: 187722

Ion	Ratio	Lower	Upper
91	100		
92	51.3	43.8	65.6
134	19.9	17.6	26.4



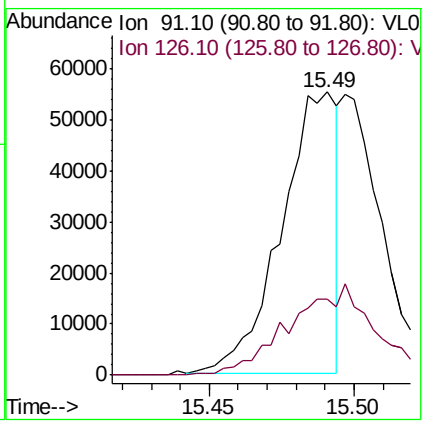


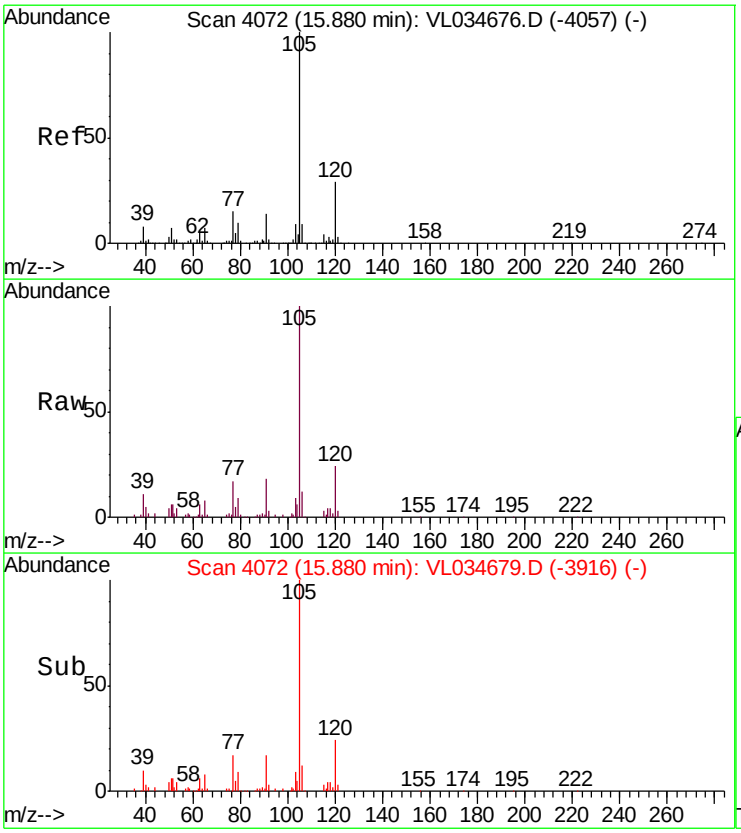
#71
2-Chlorotoluene
Concen: 0.271 ppbv
RT: 15.49 min Scan# 3951
Delta R.T. -0.00 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 91 Resp: 73566

Ion	Ratio	Lower	Upper
91	100		
126	0.0	11.8	47.2#

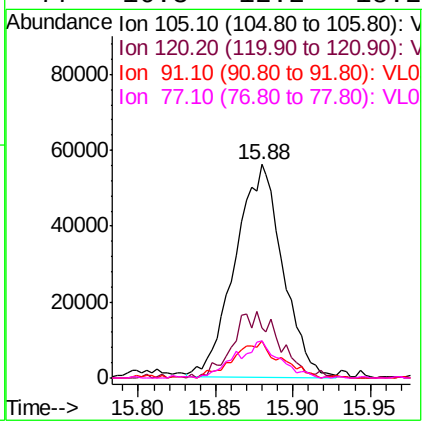


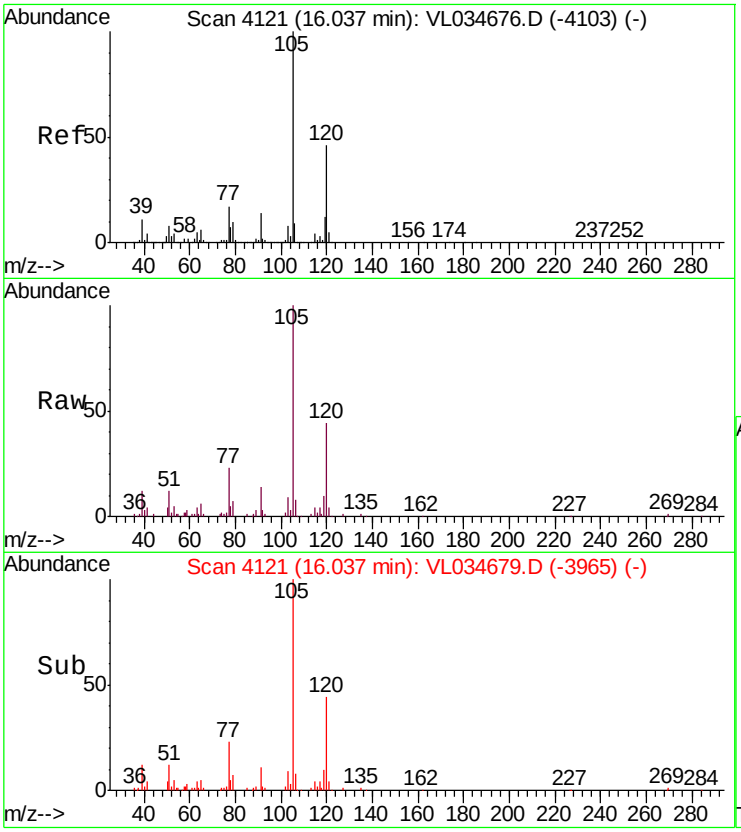


#72
4-Ethyltoluene
Concen: 0.407 ppbv
RT: 15.88 min Scan# 4072
Delta R.T. 0.00 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Tgt Ion:105 Resp: 120342

Ion	Ratio	Lower	Upper
105	100		
120	30.5	23.7	35.5
91	17.4	10.9	16.3#
77	16.3	12.2	18.2



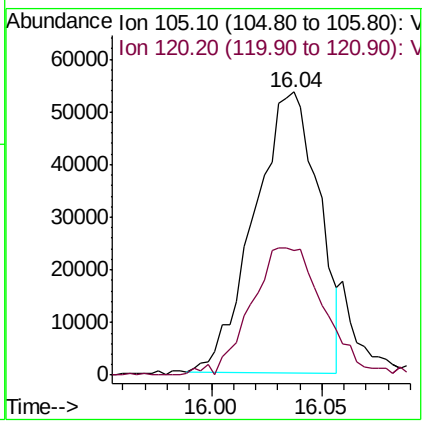


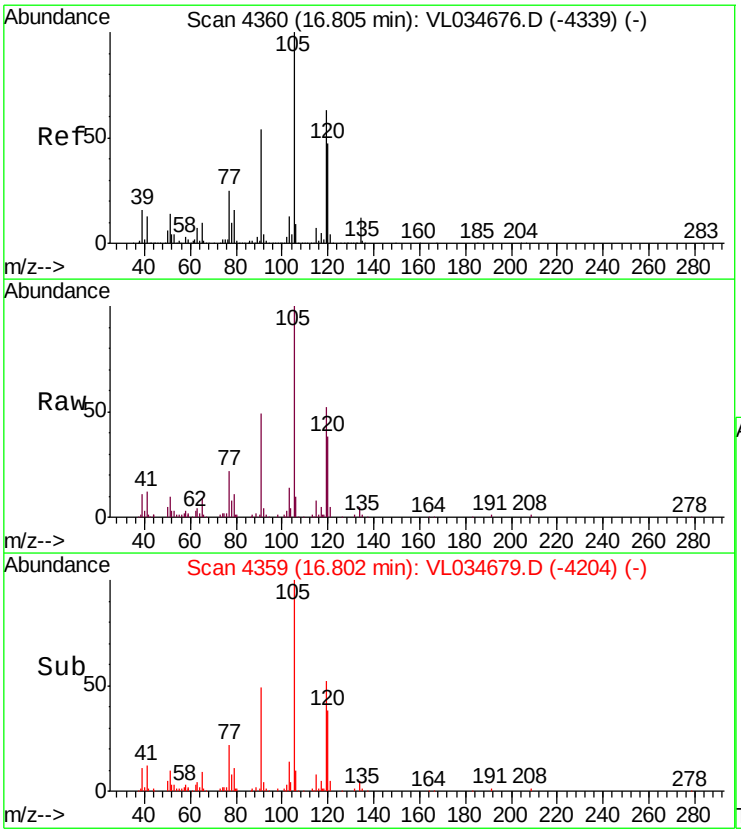
#73
1,3,5-Trimethylbenzene
Concen: 0.383 ppbv
RT: 16.04 min Scan# 4121
Delta R.T. 0.00 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:105 Resp: 107350

Ion	Ratio	Lower	Upper
105	100		
120	47.9	37.1	55.7

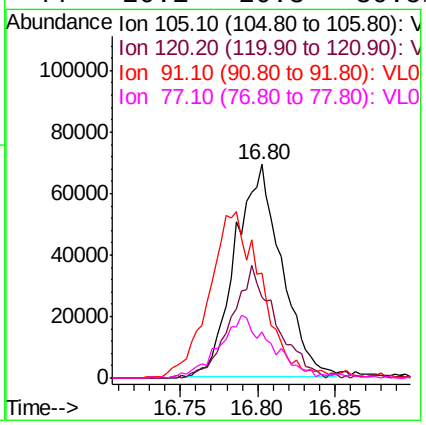


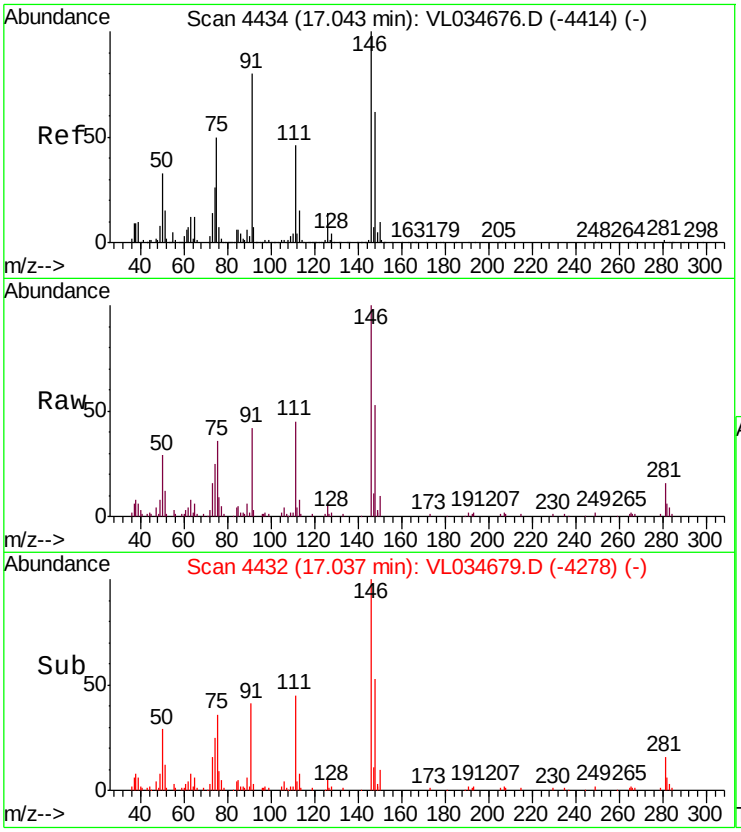


#74
1,2,4-Trimethylbenzene
Concen: 0.478 ppbv
RT: 16.80 min Scan# 4359
Delta R.T. -0.00 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Tgt Ion:105 Resp: 144351

Ion	Ratio	Lower	Upper
105	100		
120	37.5	37.9	56.9#
91	52.1	43.9	65.9
77	20.1	20.3	30.5#



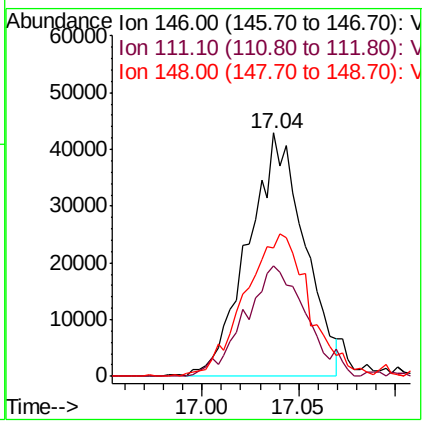


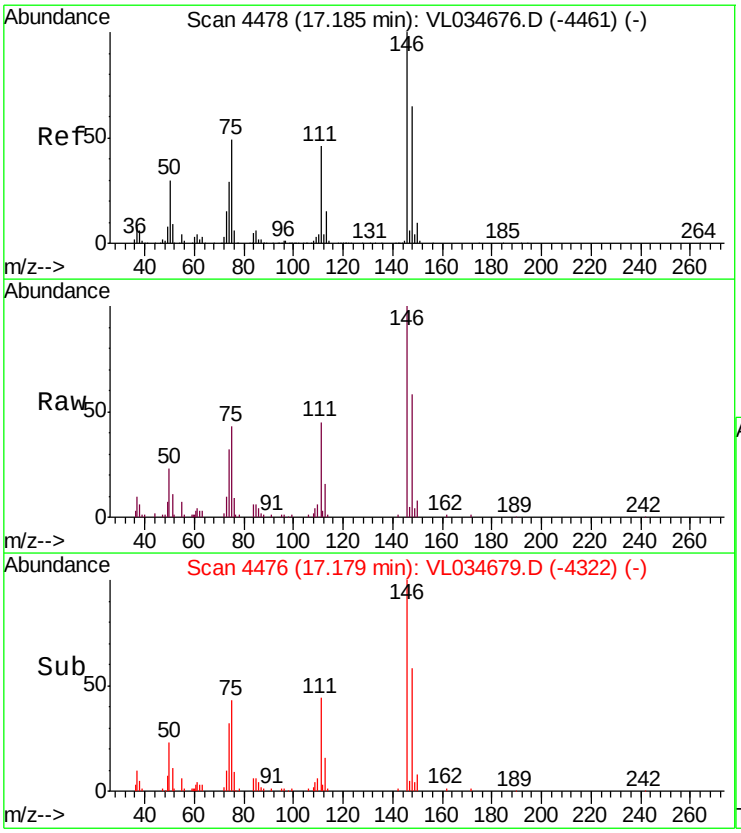
#75
1,3-Dichlorobenzene
Concen: 0.491 ppbv
RT: 17.04 min Scan# 4432
Delta R.T. -0.01 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion:146 Resp: 86928

Ion	Ratio	Lower	Upper
146	100		
111	50.5	24.4	73.2
148	67.8	32.5	97.4

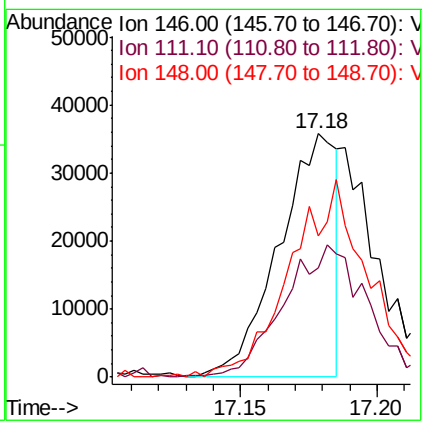


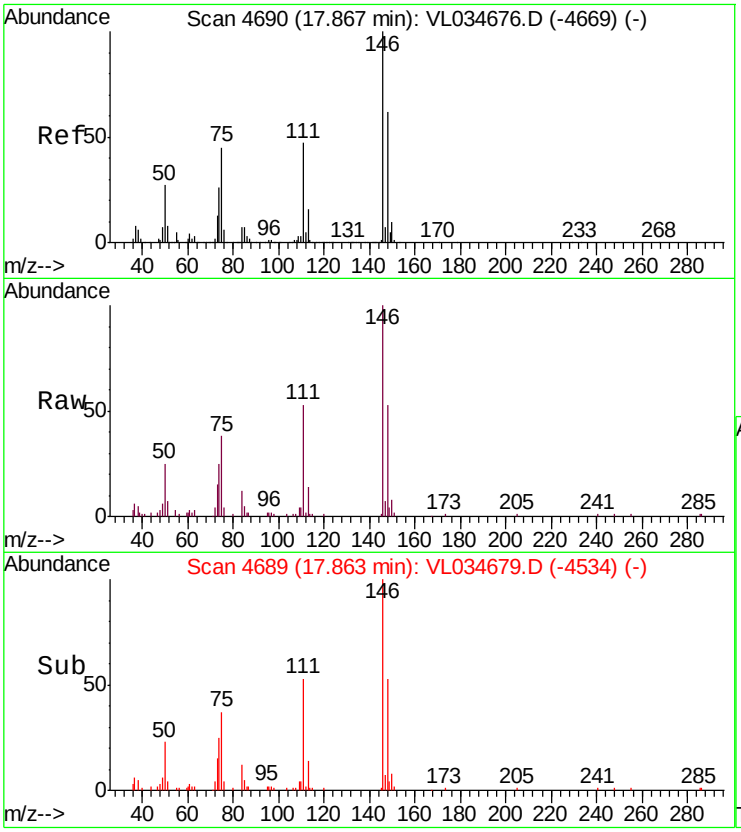


#76
1,4-Dichlorobenzene
Concen: 0.299 ppbv
RT: 17.18 min Scan# 4476
Delta R.T. -0.01 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Tgt Ion:146 Resp: 52208

Ion	Ratio	Lower	Upper
146	100		
111	0.0	23.4	70.0#
148	0.0	31.9	95.5#



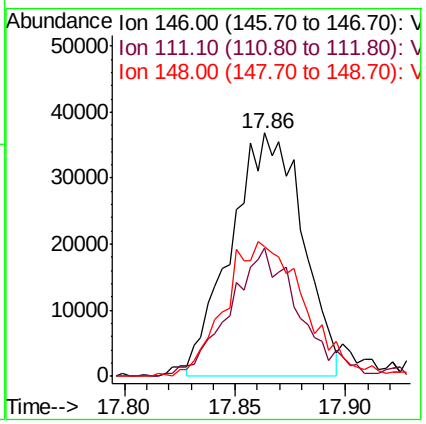


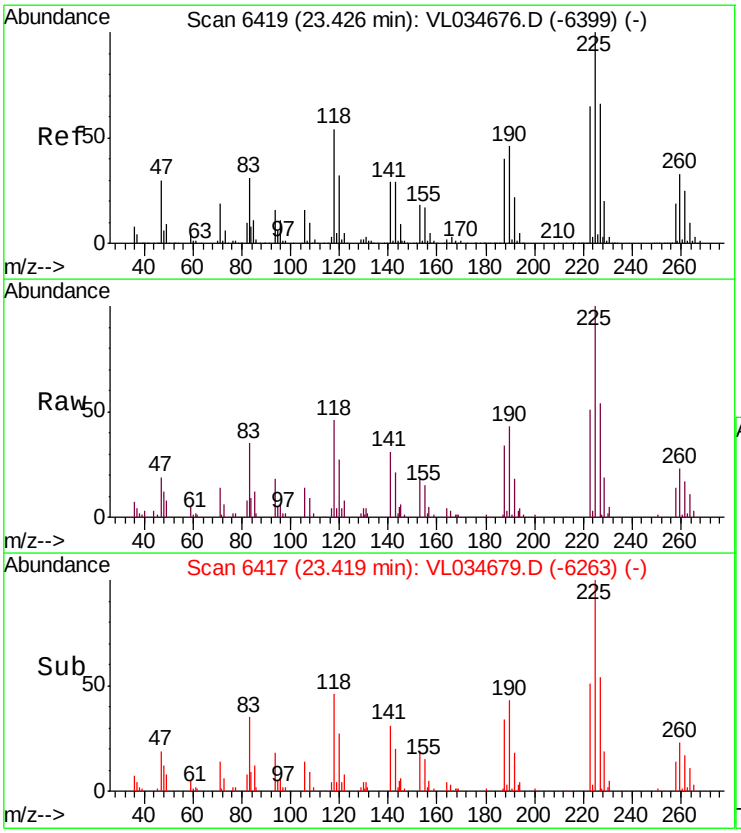
#77
1,2-Dichlorobenzene
Concen: 0.486 ppbv
RT: 17.86 min Scan# 4689
Delta R.T. -0.00 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:146 Resp: 82979

Ion	Ratio	Lower	Upper
146	100		
111	52.5	24.9	74.7
148	61.9	32.0	96.0

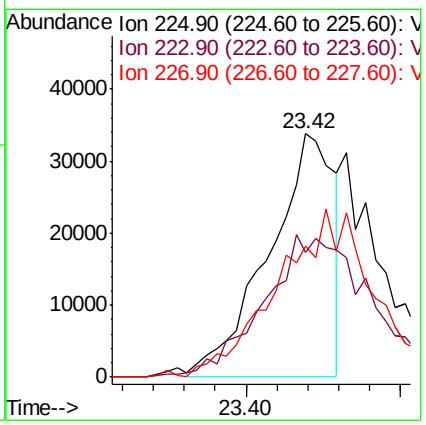


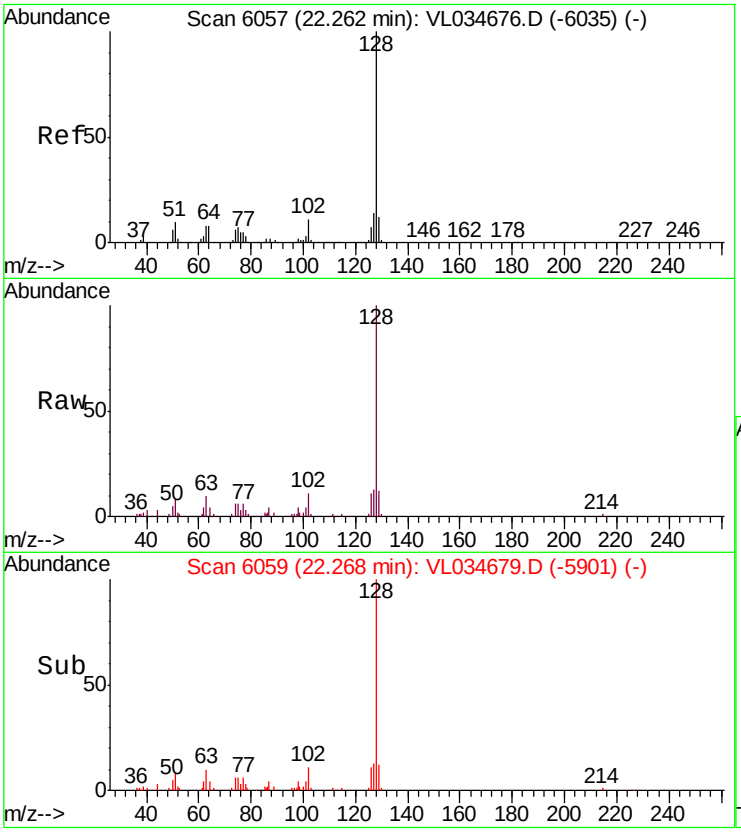


#78
Hexachloro-1,3-Butadiene
Concen: 0.354 ppbv
RT: 23.42 min Scan# 6417
Delta R.T. -0.01 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Tgt Ion:225 Resp: 49449

Ion	Ratio	Lower	Upper
225	100		
223	94.1	51.3	76.9#
227	0.0	51.3	76.9#



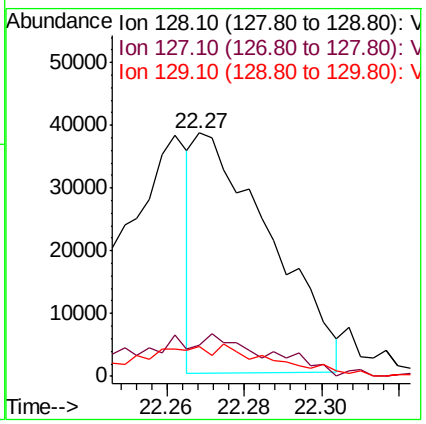


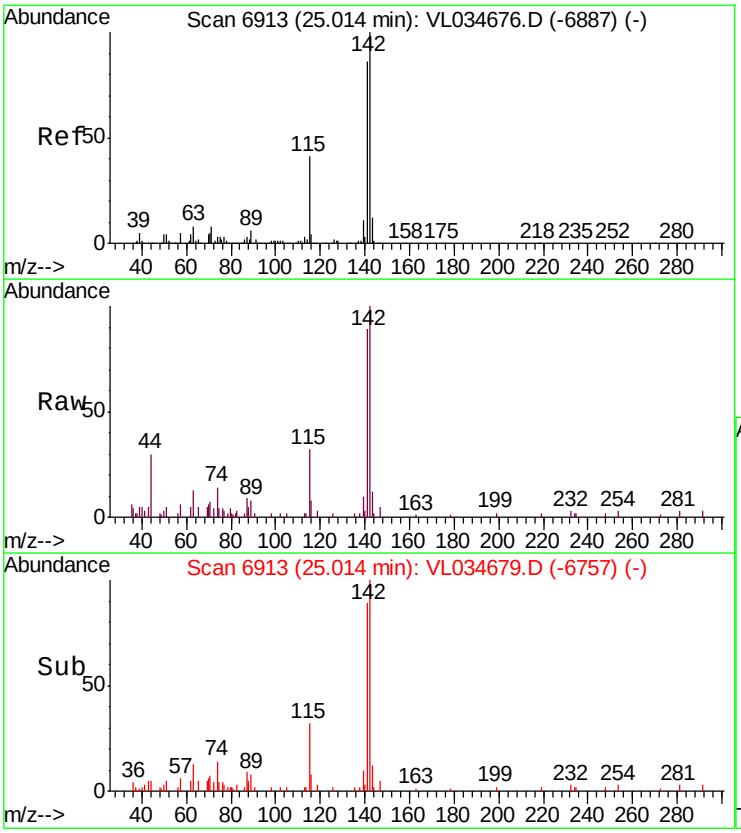
#79
Naphthalene
Concen: 0.228 ppbv
RT: 22.27 min Scan# 6059
Delta R.T. 0.01 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:128 Resp: 52315

Ion	Ratio	Lower	Upper
128	100		
127	15.1	11.0	16.6
129	11.6	9.4	14.2

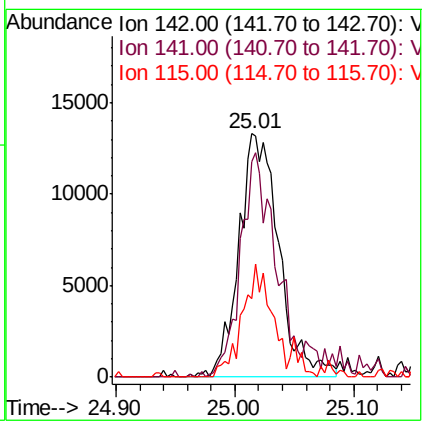


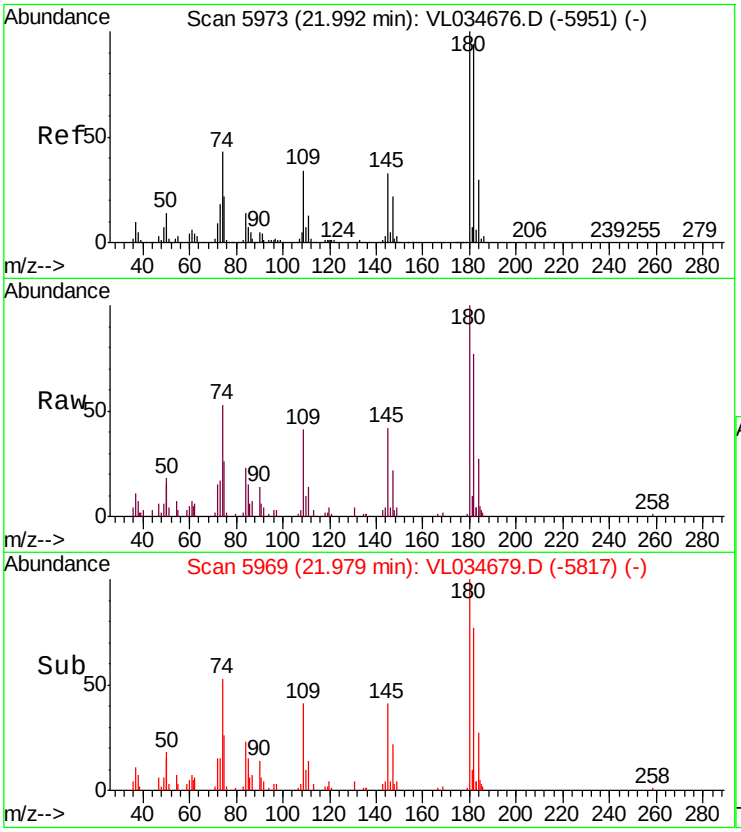


#80
Naphthalene,2-methyl-
Concen: 0.641 ppbv
RT: 25.01 min Scan# 6913
Delta R.T. 0.00 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Tgt Ion:142 Resp: 31022

Ion	Ratio	Lower	Upper
142	100		
141	91.7	66.5	99.7
115	39.0	30.6	46.0





#81
1,2,4-Trichlorobenzene
Concen: 0.151 ppbv
RT: 21.98 min Scan# 5969
Delta R.T. -0.01 min
Lab File: VL034679.D
Acq: 26 Feb 2020 4:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:180 Resp: 21149

Ion	Ratio	Lower	Upper
180	100		
182	0.0	76.5	114.7#
184	0.0	25.2	37.8#