Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110320\

Quantitation Report (Not Reviewed)

Data File : VL035803.D
Acq On : 3 Nov 2020 13:01
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Nov 03 14:08:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 03 11:09:05 2020
QLast Update : Tue Nov 03 11:09:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	1430760	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	6029952	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.09	117	5567389	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	3980006	9.54	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	34874	0.149	ppbv		96
3) Chlorodifluoromethane	2.98	51	18990	0.123	ppbv	#	89
4) Chloromethane	3.13	50	6914	0.084	ppbv		97
5) Vinyl Chloride	3.26	62	10124	0.104	ppbv		89
6) Bromomethane	3.47	94	4869	0.059	ppbv		93
7) Chloroethane	3.55	64	2360	0.066	ppbv		93
8) Dichlorotetrafluoroethane	3.18	85	31851	0.112	ppbv		99
10) Heptane	8.12	43	8916	0.057	ppbv	#	1
11) Trichlorofluoromethane	3.94	101	33856	0.101	ppbv		90
12) 1,1,2-Trichlorotrifluoroet	4.48	101	23764	0.095	ppbv		92
14) Bromoethene	3.74	108	10821	0.103	ppbv	#	76
16) 1,3-Butadiene	3.32	39	6778	0.120	ppbv	#	75
18) 1,1-Dichloroethene	4.28	96	12435	0.114	ppbv		94
20) Methylene Chloride	4.34	84	19034	0.168	ppbv		96
21) Allyl Chloride	4.40	41	4684	0.063	ppbv	#	14
22) trans-1,2-Dichloroethene	4.89	96	6181	0.054	ppbv		96
23) Vinyl Acetate	5.08	43	20812	0.110	ppbv	#	82
24) 1,1-Dichloroethane	5.00	63	21312	0.104	ppbv	#	93
25) Ethyl Acetate	5.68	43	32915	0.119	ppbv	#	96
26) Hexane	5.68	57	19417	0.128	ppbv		96
27) Carbon Disulfide	4.55	76	24707	0.109	ppbv	#	73
28) Methyl tert-Butyl Ether	5.05	73	31547	0.131	ppbv		92
29) Chloroform	5.74	83	35545	0.115	ppbv		93
30) Cyclohexane	7.12	84	11371	0.076	ppbv	#	6
31) cis-1,2-Dichloroethene	5.54	61	14513	0.099	ppbv		95
32) 1,1,1-Trichloroethane	6.51	97	17806	0.066	ppbv	#	37
34) 2-Butanone	5.26	43	20646	0.104	ppbv	#	88
35) Carbon Tetrachloride	7.01	117	18938	0.060	ppbv		96
36) Benzene	6.89	78	48465	0.123	ppbv	#	92
37) 1,2-Dichloroethane	6.31	62	8441	0.041	ppbv	#	46
38) Trichloroethene	7.83	130	23347	0.119	ppbv		94
39) 1,2-Dichloropropane	7.17	63	1136000	7.977	ppbv	#	30
42) Bromodichloromethane	7.79	83	31461	0.095	ppbv	#	92
43) Methyl Methacrylate	8.02	69	16119	0.103	ppbv		98
44) 2,2,4-Trimethylpentane	7.86	57	60138	0.107	ppbv		97
45) t-1,3-Dichloropropene	9.28	75	9269	0.059	ppbv		94
46) cis-1,3-Dichloropropene	8.70	75	22951	0.118	ppbv	#	92
47) 1,1,2-Trichloroethane	9.47	97	22549	0.111	ppbv	#	84
48) Dibromochloromethane	10.30	129	17677	0.057	ppbv	#	47
49) Bromoform	13.05	173	20758	0.079	ppbv		98
51) 2-Hexanone	10.16	43	11931	0.051	ppbv	#	21

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110320\

Quantitation Report (Not Reviewed)

Data File : VL035803.D
Acq On : 3 Nov 2020 13:01
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Nov 03 14:08:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 03 11:09:05 2020
QLast Update : Tue Nov 03 11:09:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Tetrachloroethene	11.22	164	10535	0.056	ppbv		92
53) Toluene	9.80	91	60033	0.130	ppbv		98
54) 1,2-Dibromoethane	10.61	107	30192	0.099	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.12	131	26002	0.111	ppbv	#	1
57) Chlorobenzene	12.15	112	50720	0.121	ppbv	#	83
58) Ethyl Benzene	12.71	91	74880	0.134	ppbv		89
59) m/p-Xylene	12.99	91	21548	0.044	ppbv	#	28
60) o-Xylene	13.69	91	59479	0.120	ppbv		96
61) Styrene	13.53	104	36948	0.108	ppbv		98
62) Isopropylbenzene	14.67	105	96155	0.126	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.68	83	26173	0.065	ppbv	#	47
64) n-propylbenzene	15.57	120	23500	0.105	ppbv		68
65) tert-Butylbenzene	16.74	119	30235	0.043	ppbv	#	15
66) Benzyl Chloride	17.00	91	16229	0.077	ppbv	#	37
67) sec-Butylbenzene	17.30	105	101120	0.105	ppbv		98
69) p-Isopropyltoluene	17.66	119	76134	0.097	ppbv		98
70) n-Butylbenzene	18.56	91	83749	0.104	ppbv		96
71) 2-Chlorotoluene	15.45	91	33243	0.060	ppbv	#	24
72) 4-Ethyltoluene	15.85	105	29793	0.051	ppbv	#	46
73) 1,3,5-Trimethylbenzene	16.01	105	49744	0.090	ppbv		91
74) 1,2,4-Trimethylbenzene	16.77	105	64560	0.104	ppbv	#	80
75) 1,3-Dichlorobenzene	17.00	146	45858	0.108	ppbv		91
76) 1,4-Dichlorobenzene	17.15	146	43450	0.107	ppbv		92
78) Hexachloro-1,3-Butadiene	23.38	225	10364	0.047	ppbv	#	18
79) Naphthalene	22.22	128	19374	0.033	ppbv		98
81) 1,2,4-Trichlorobenzene	21.94	180	17442	0.057	ppbv	#	38

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

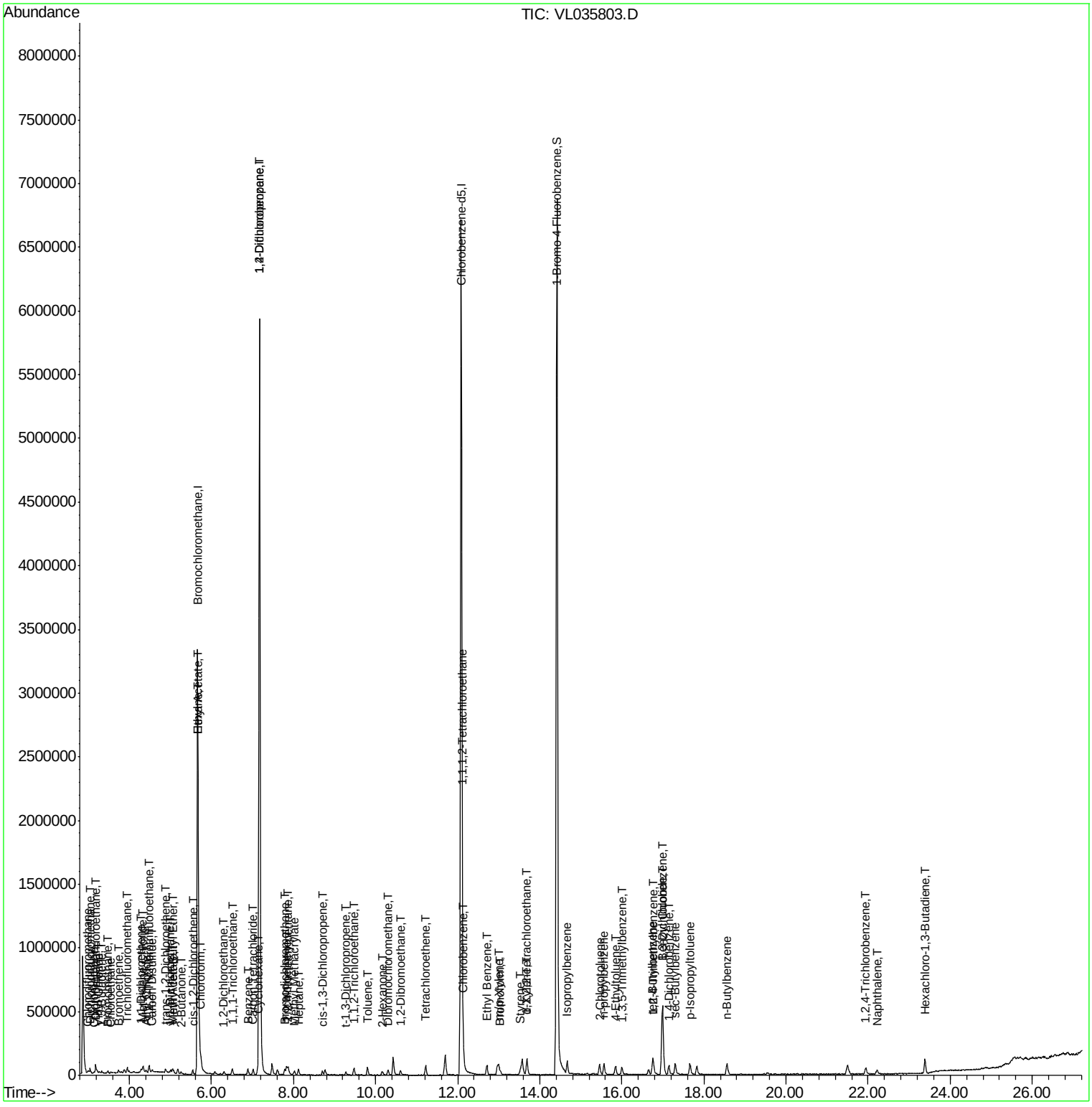
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110320\

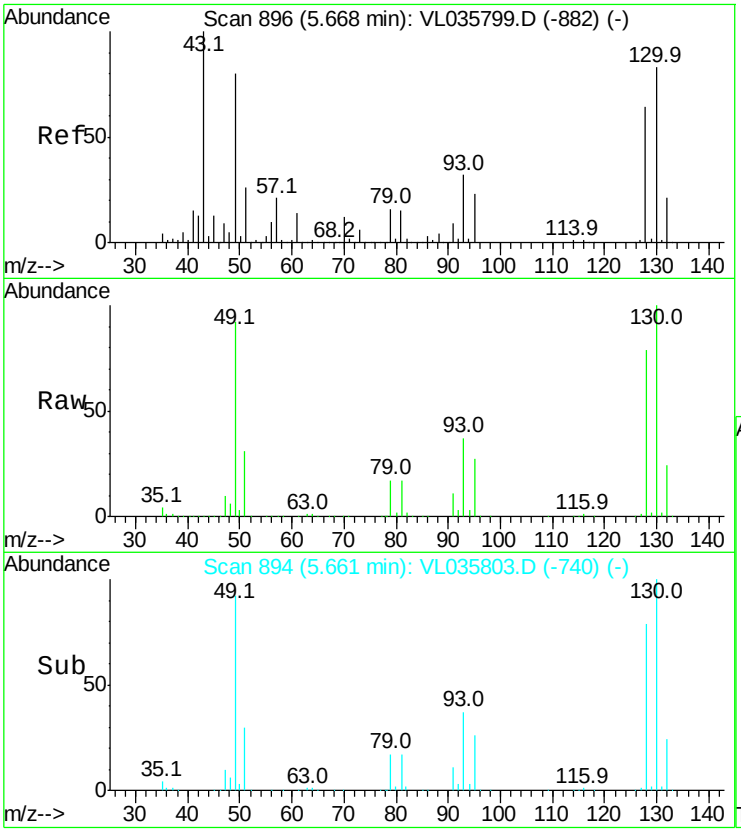
Quantitation Report (Not Reviewed)

Data File : VL035803.D
Acq On : 3 Nov 2020 13:01
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Nov 03 14:08:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 03 11:09:05 2020
QLast Update : Tue Nov 03 11:09:05 2020
Response via : Initial Calibration



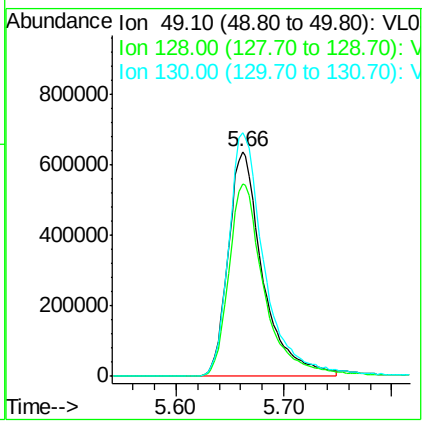


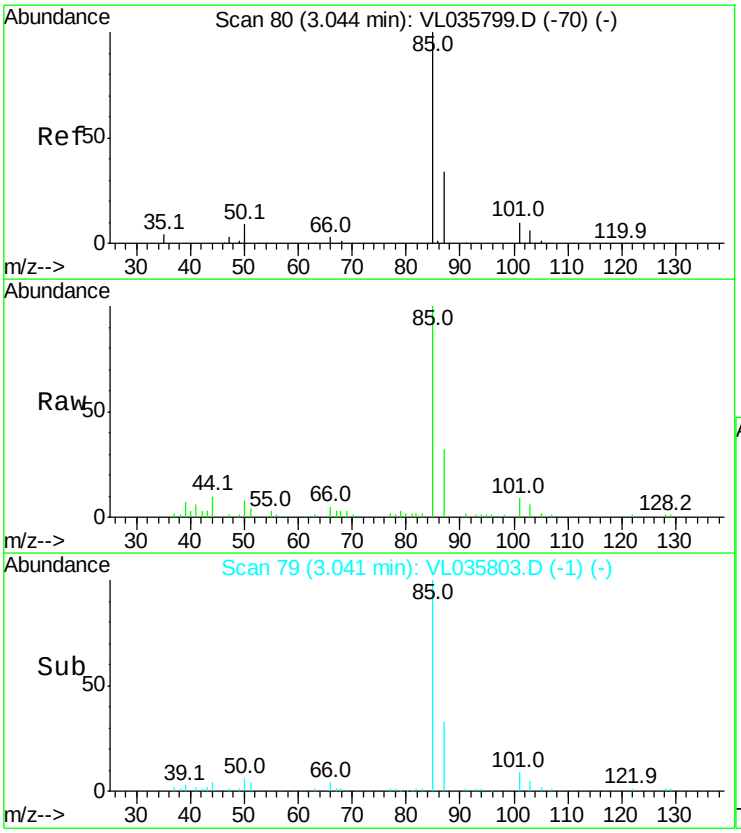
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.01 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 49 Resp: 1430760

Ion	Ratio	Lower	Upper
49	100		
128	89.6	41.5	124.6
130	113.6	53.7	161.1

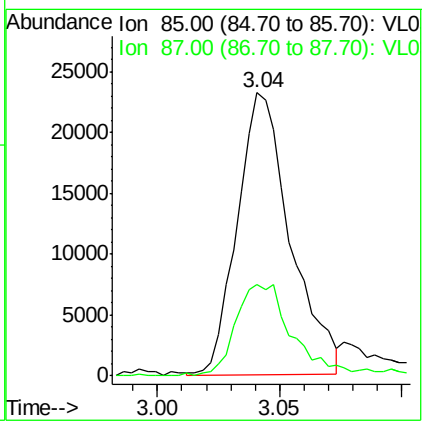


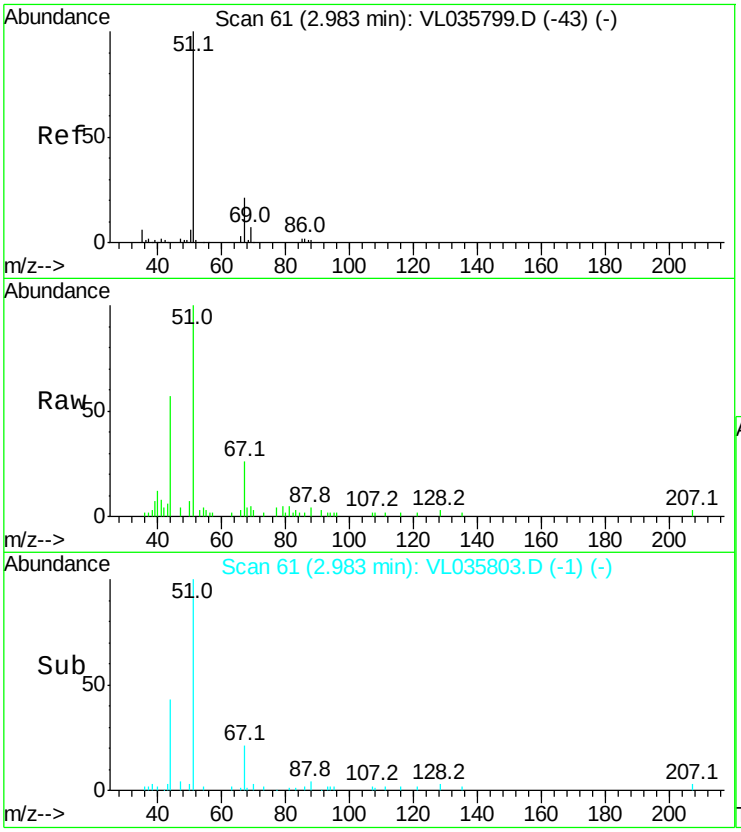


#2
Dichlorodifluoromethane
Concen: 0.149 ppbv
RT: 3.04 min Scan# 79
Delta R.T. -0.00 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Tgt Ion: 85 Resp: 34874

Ion	Ratio	Lower	Upper
85	100		
87	31.6	27.1	40.7



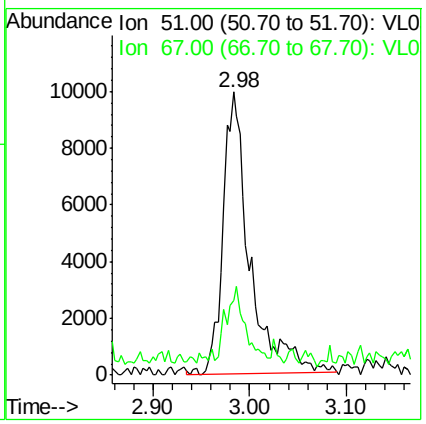


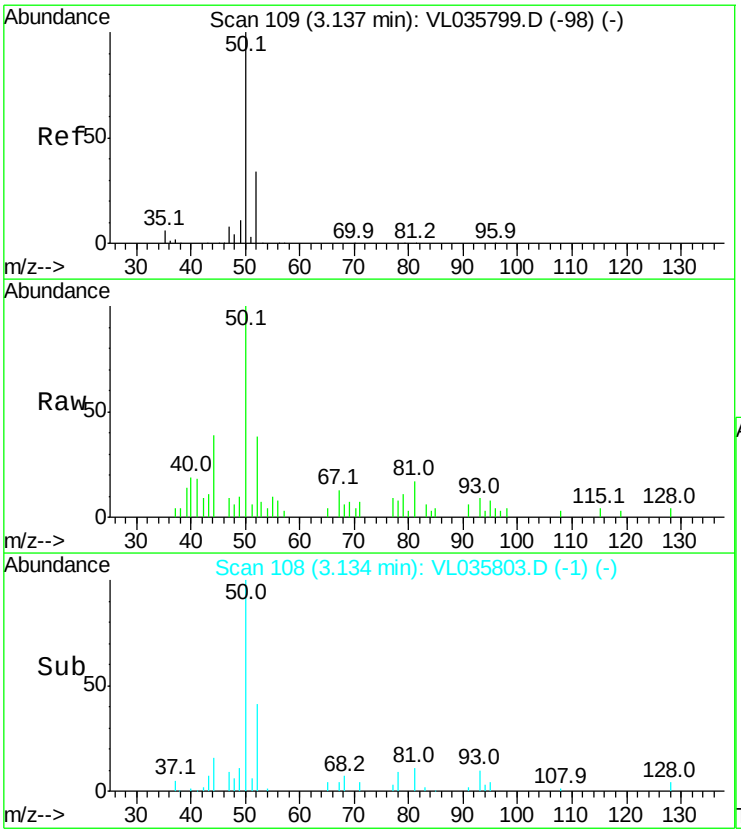
#3
Chlorodifluoromethane
Concen: 0.123 ppbv
RT: 2.98 min Scan# 61
Delta R.T. 0.00 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 51 Resp: 18990

Ion	Ratio	Lower	Upper
51	100		
67	26.4	17.0	25.4#

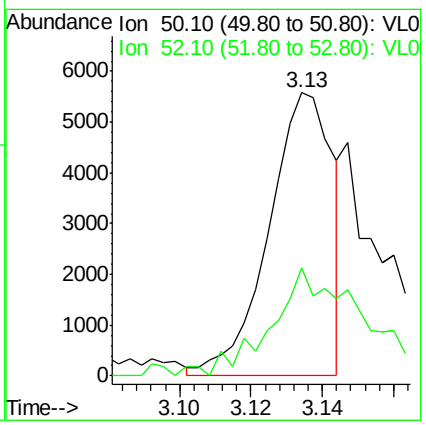


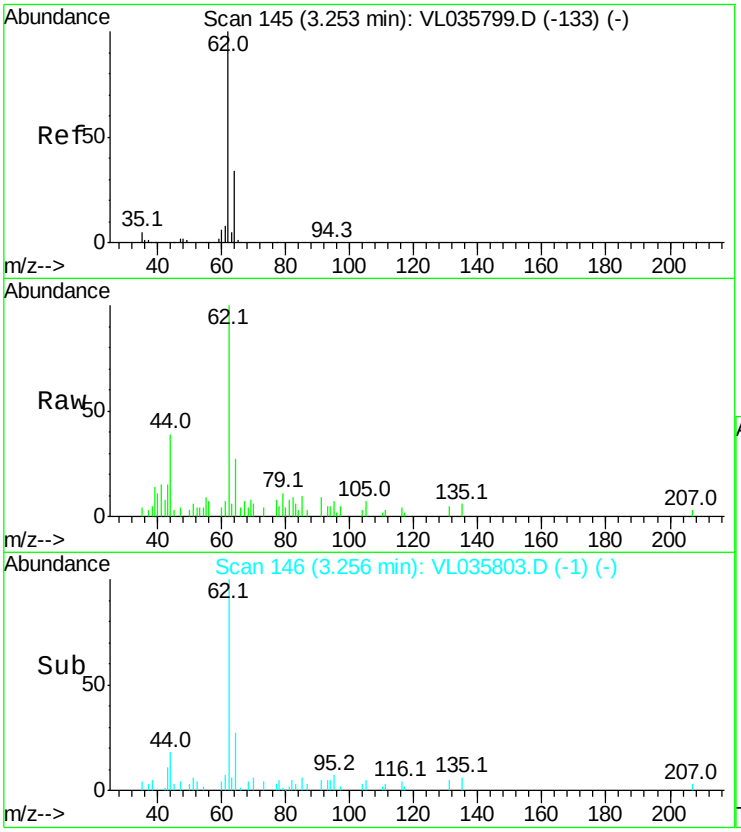


#4
Chloromethane
Concen: 0.084 ppbv
RT: 3.13 min Scan# 108
Delta R.T. -0.00 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Tgt Ion: 50 Resp: 6914

Ion	Ratio	Lower	Upper
50	100		
52	35.8	27.1	40.7



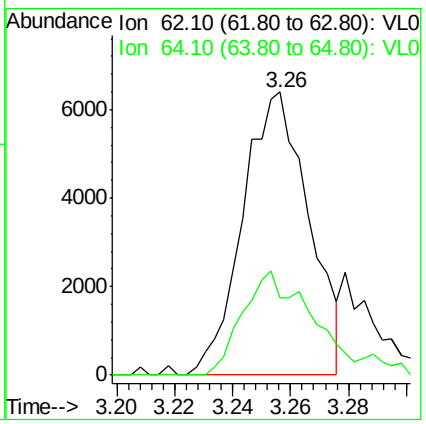


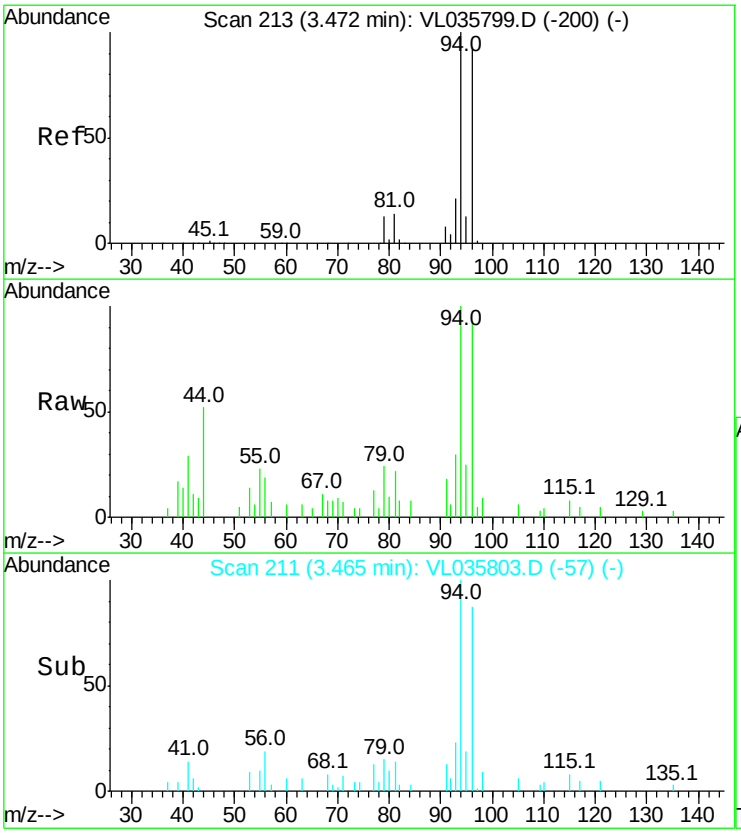
#5
Vinyl Chloride
Concen: 0.104 ppbv
RT: 3.26 min Scan# 146
Delta R.T. 0.00 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 62 Resp: 10124

Ion	Ratio	Lower	Upper
62	100		
64	27.2	26.9	40.3

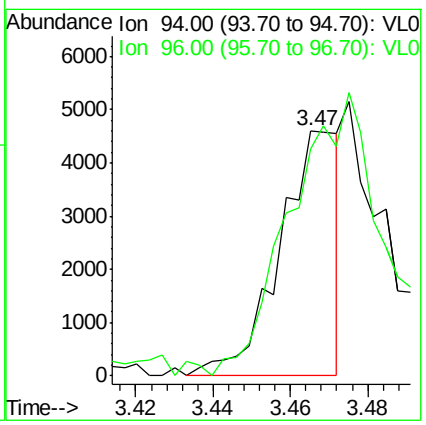


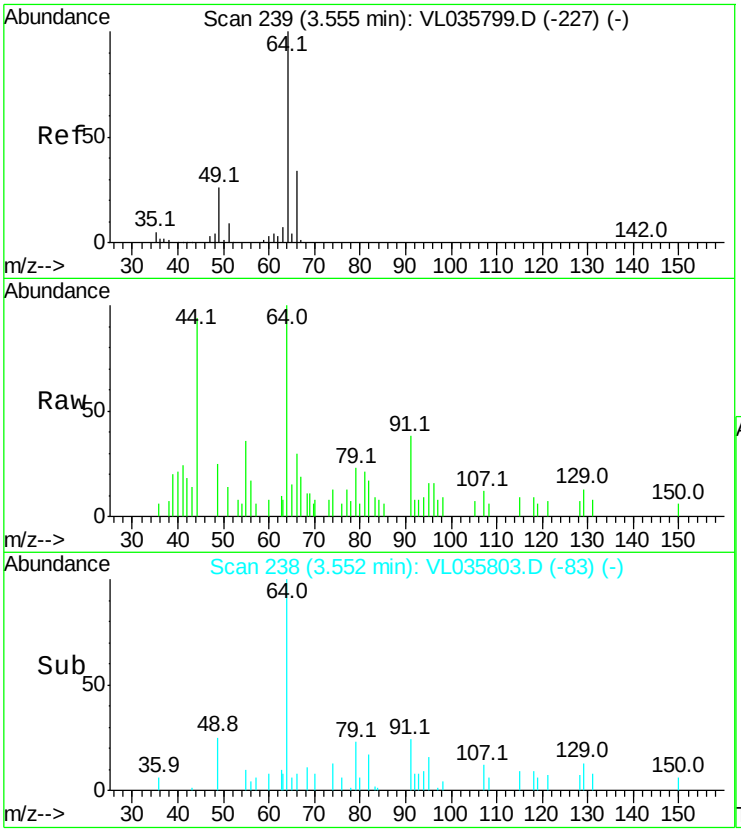


#6
Bromomethane
Concen: 0.059 ppbv
RT: 3.47 min Scan# 211
Delta R.T. -0.01 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Tgt Ion: 94 Resp: 4869

Ion	Ratio	Lower	Upper
94	100		
96	86.5	74.6	111.8



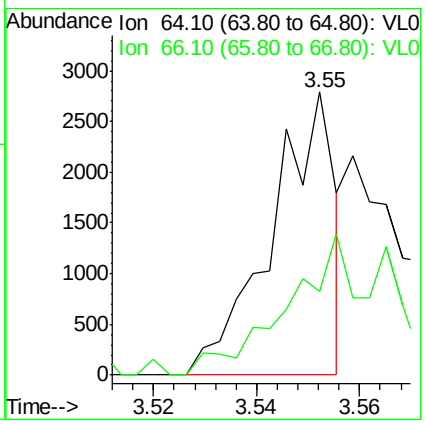


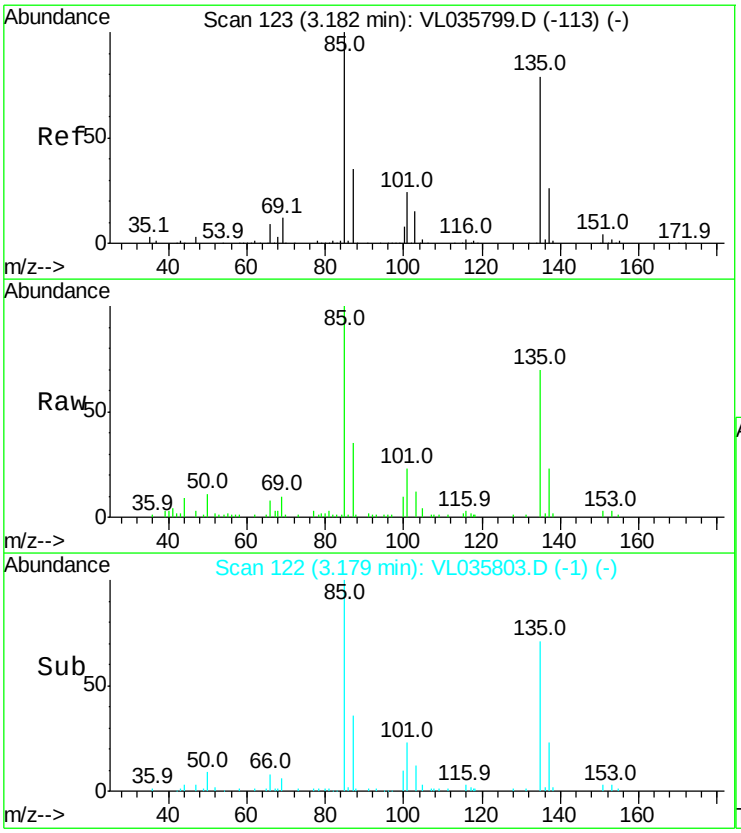
#7
Chloroethane
Concen: 0.066 ppbv
RT: 3.55 min Scan# 238
Delta R.T. -0.00 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 64 Resp: 2360

Ion	Ratio	Lower	Upper
64	100		
66	29.8	27.0	40.6

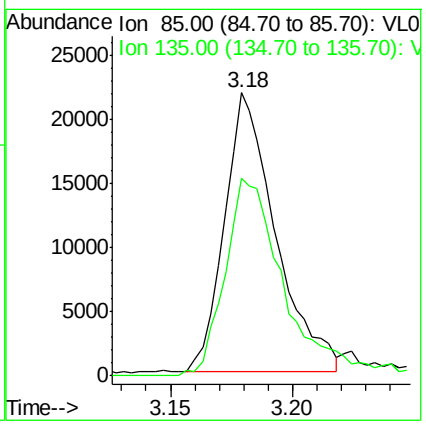


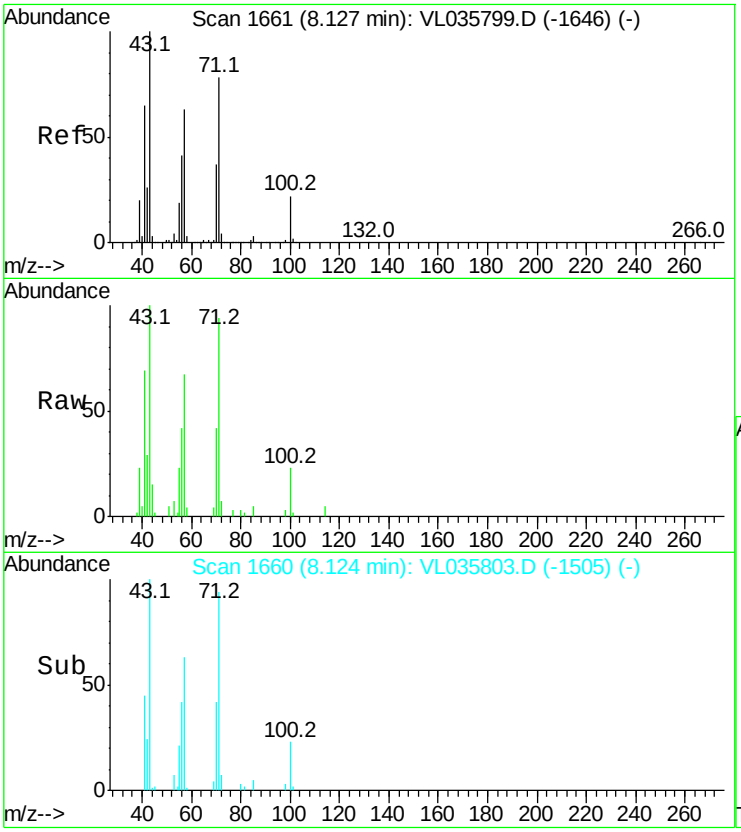


#8
Dichlorotetrafluoroethane
Concen: 0.112 ppbv
RT: 3.18 min Scan# 122
Delta R.T. -0.00 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Tgt Ion: 85 Resp: 31851

Ion	Ratio	Lower	Upper
85	100		
135	81.4	64.6	96.8



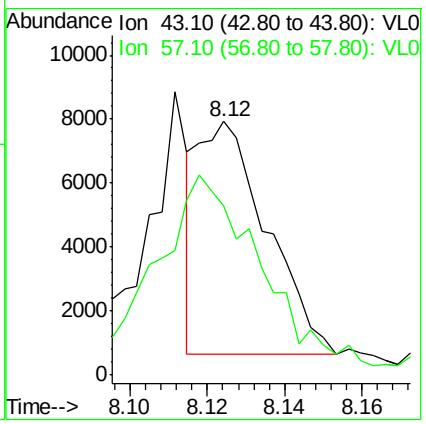


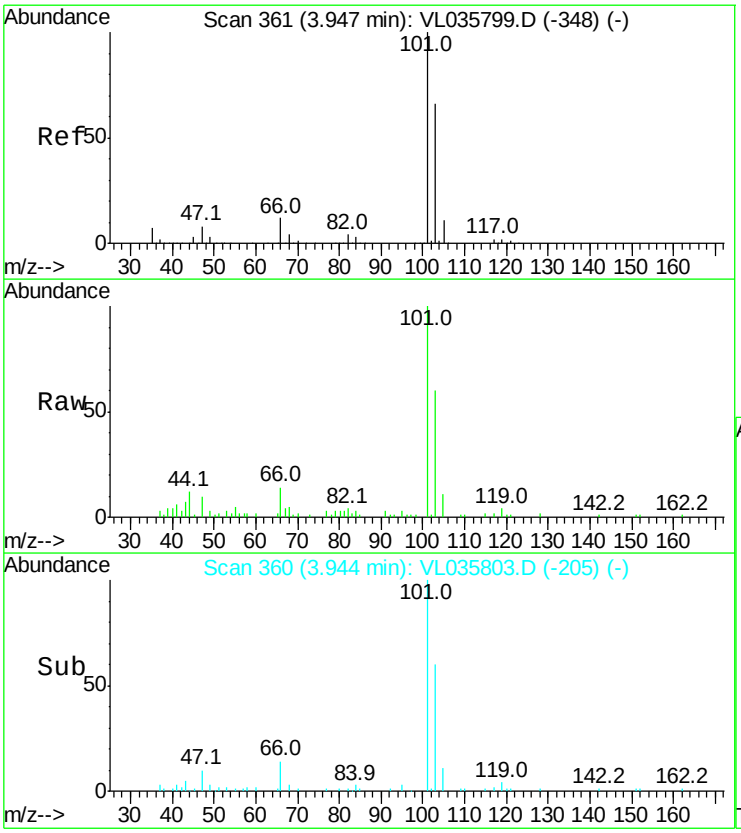
#10
Heptane
Concen: 0.057 ppbv
RT: 8.12 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 43 Resp: 8916

Ion	Ratio	Lower	Upper
43	100		
57	143.0	50.0	75.0#

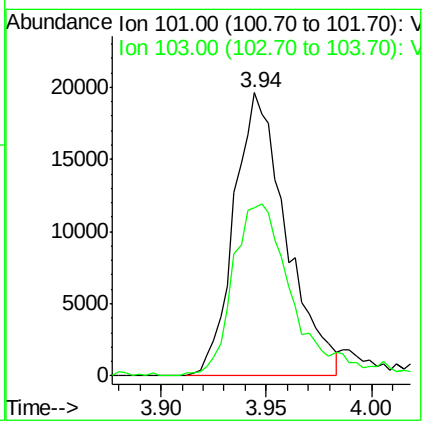


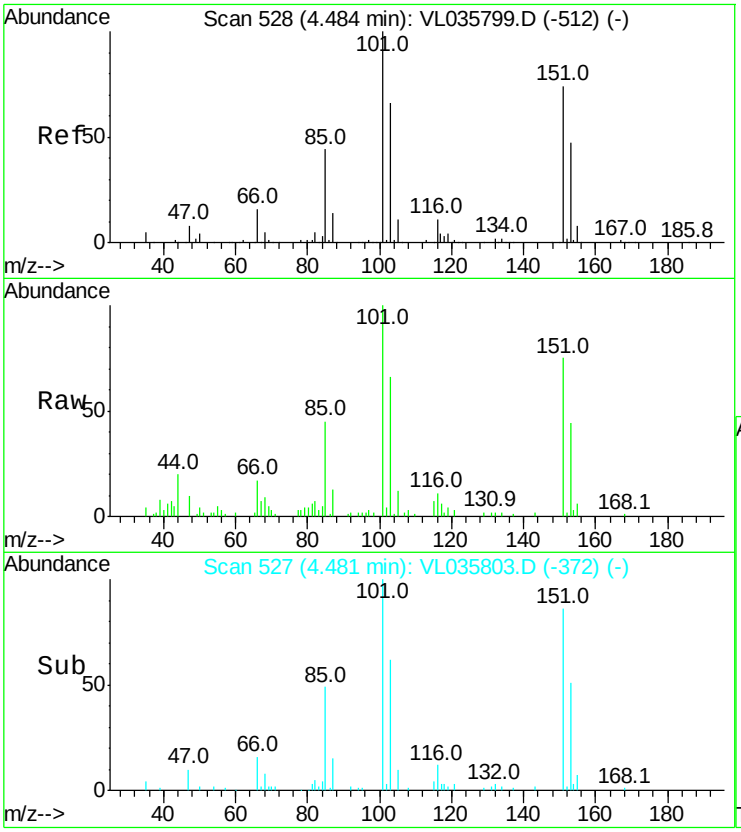


#11
Trichlorofluoromethane
Concen: 0.101 ppbv
RT: 3.94 min Scan# 360
Delta R.T. -0.00 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Tgt Ion:101 Resp: 33856

Ion	Ratio	Lower	Upper
101	100		
103	58.4	53.0	79.4



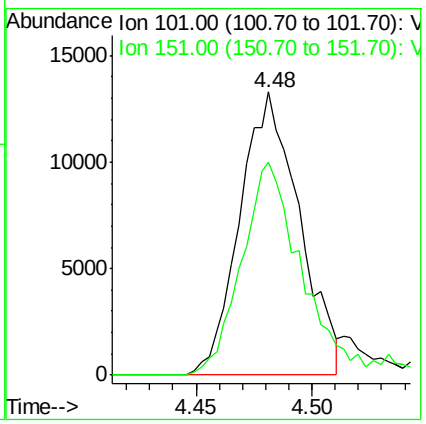


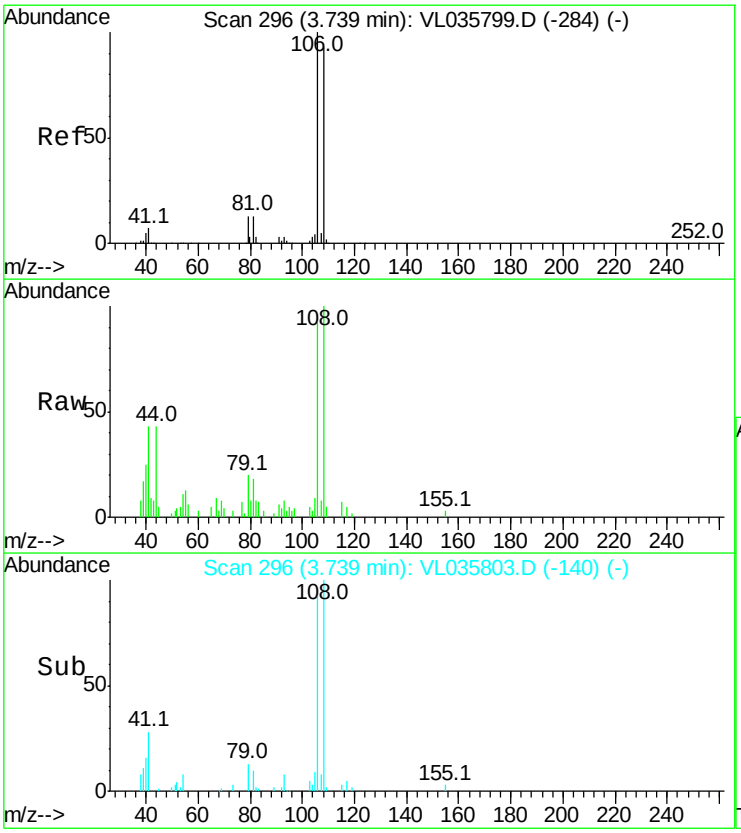
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.095 ppbv
RT: 4.48 min Scan# 527
Delta R.T. -0.00 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:101 Resp: 23764

Ion	Ratio	Lower	Upper
101	100		
151	80.0	58.9	88.3

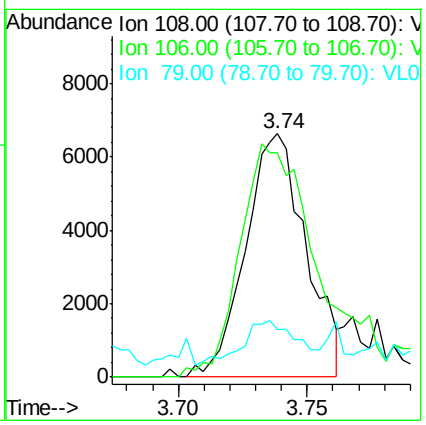


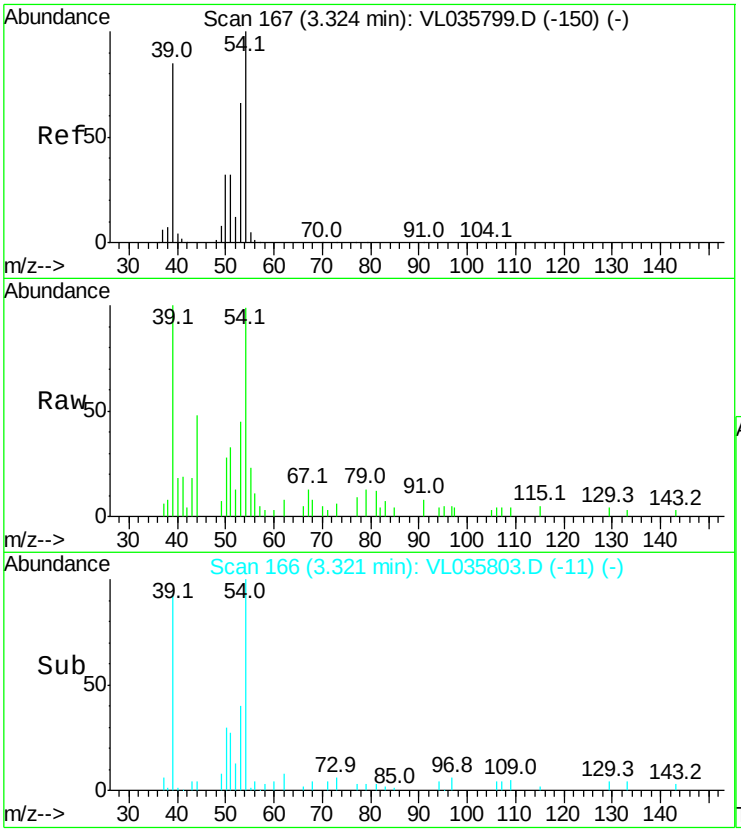


#14
Bromoethene
Concen: 0.103 ppbv
RT: 3.74 min Scan# 296
Delta R.T. 0.00 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Tgt Ion:108 Resp: 10821

Ion	Ratio	Lower	Upper
108	100		
106	133.0	85.3	127.9#
79	20.5	11.6	17.4#



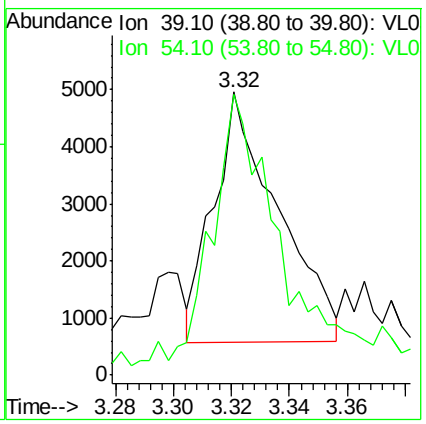


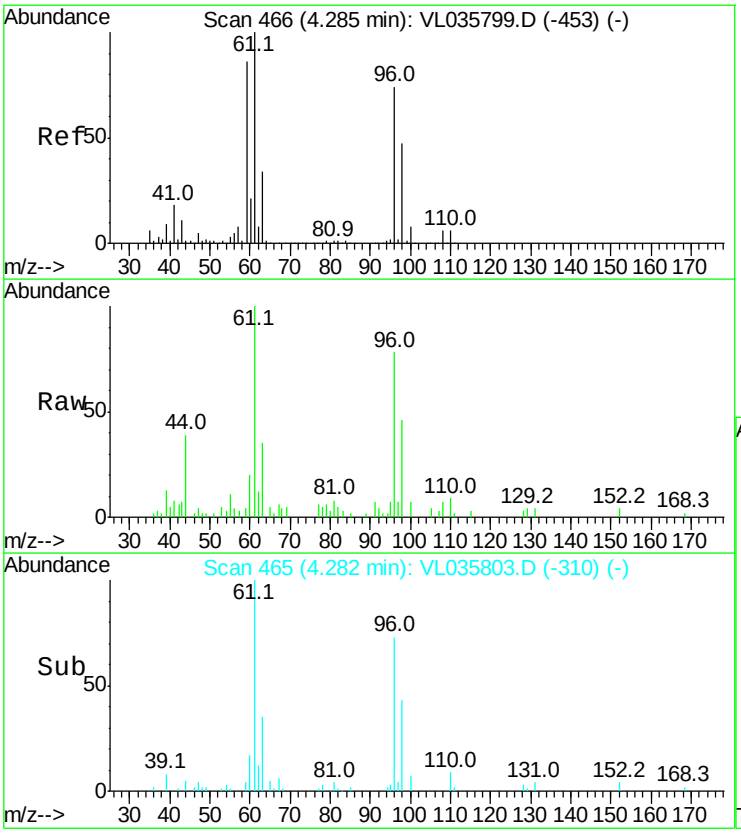
#16
1,3-Butadiene
Concen: 0.120 ppbv
RT: 3.32 min Scan# 166
Delta R.T. -0.00 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 39 Resp: 6778

Ion	Ratio	Lower	Upper
39	100		
54	135.5	87.1	130.7#

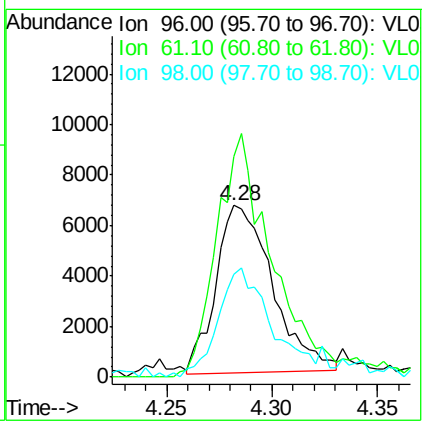


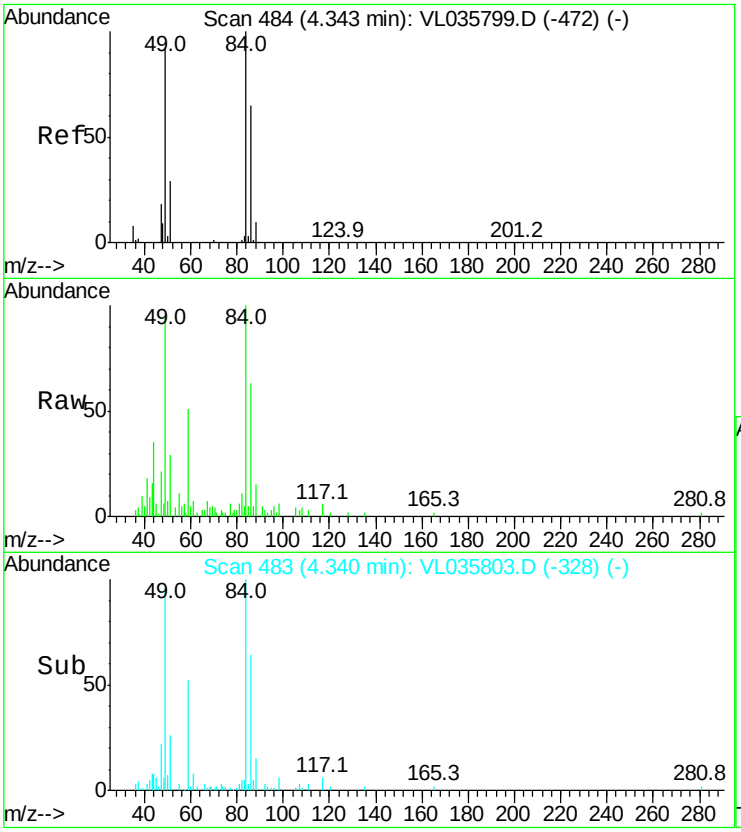


#18
1,1-Dichloroethene
Concen: 0.114 ppbv
RT: 4.28 min Scan# 465
Delta R.T. -0.00 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Tgt Ion: 96 Resp: 12435

Ion	Ratio	Lower	Upper
96	100		
61	130.0	108.5	162.7
98	57.1	50.7	76.1



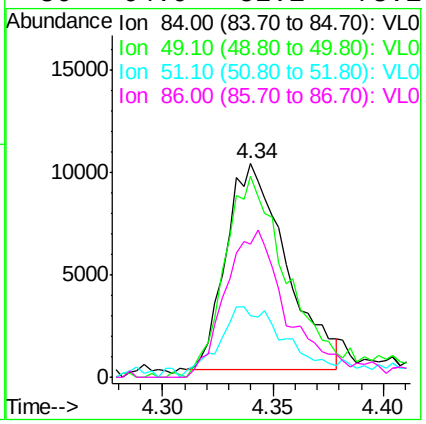


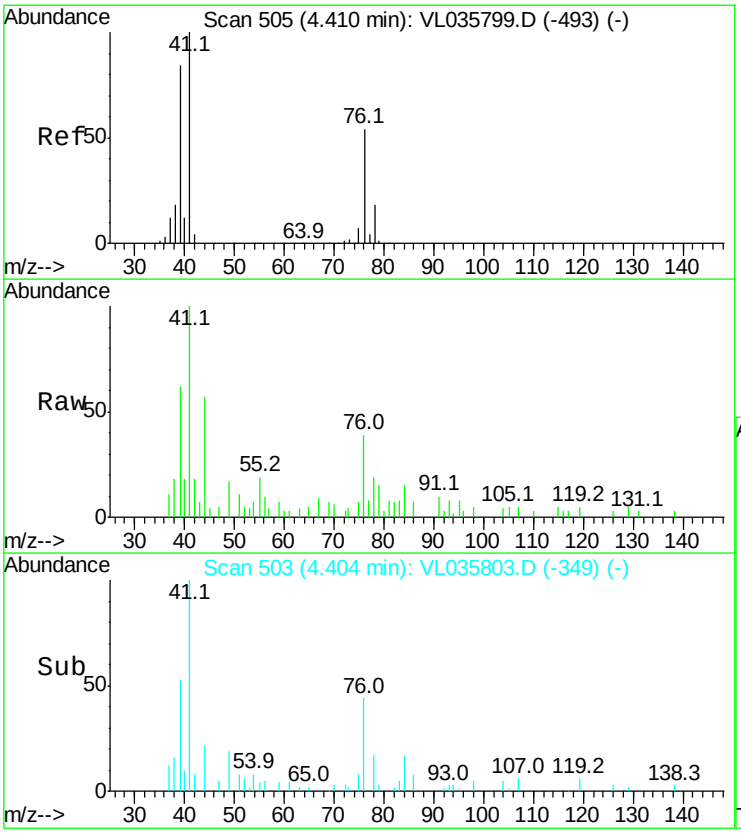
#20
Methylene Chloride
Concen: 0.168 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.00 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 84 Resp: 19034

Ion	Ratio	Lower	Upper
84	100		
49	97.9	73.8	110.8
51	26.6	23.0	34.4
86	64.9	52.1	78.1

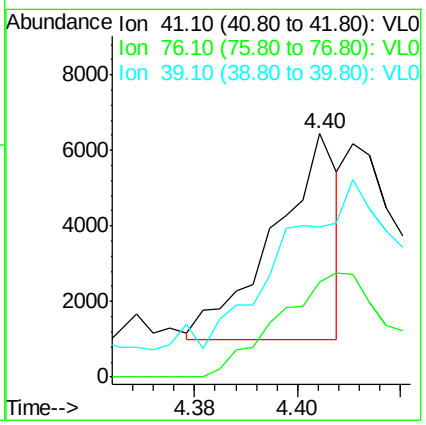


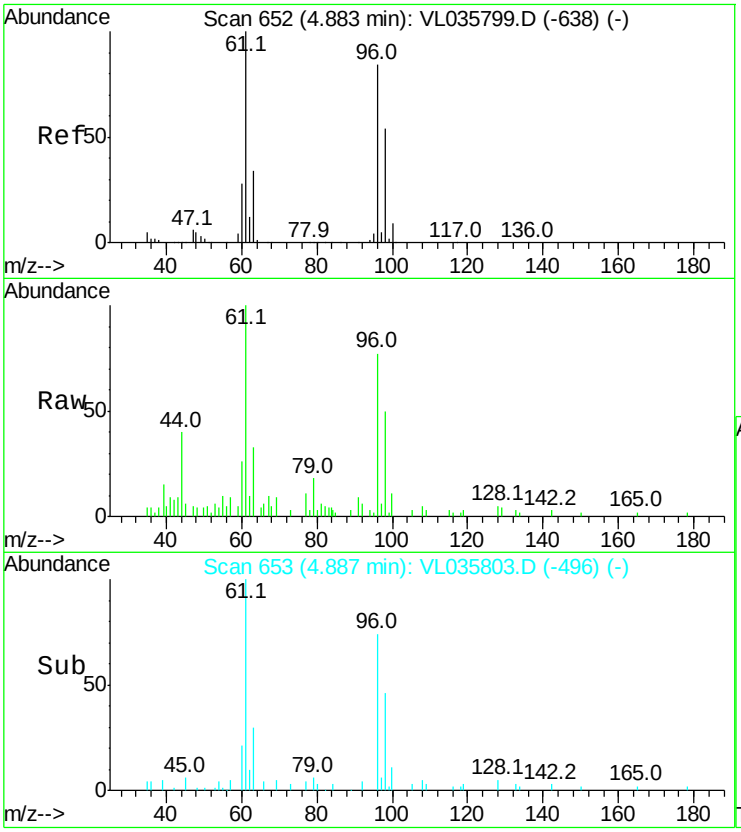


#21
Allyl Chloride
Concen: 0.063 ppbv
RT: 4.40 min Scan# 503
Delta R.T. -0.01 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Tgt Ion: 41 Resp: 4684

Ion	Ratio	Lower	Upper
41	100		
76	0.0	42.6	63.8#
39	0.0	67.0	100.4#



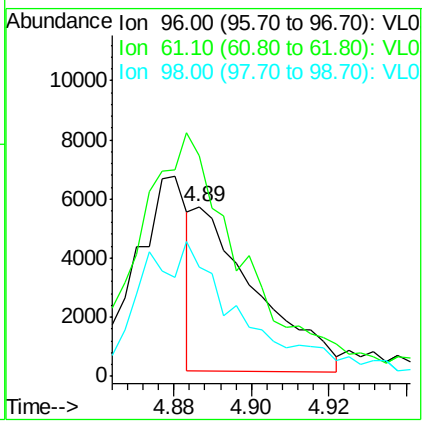


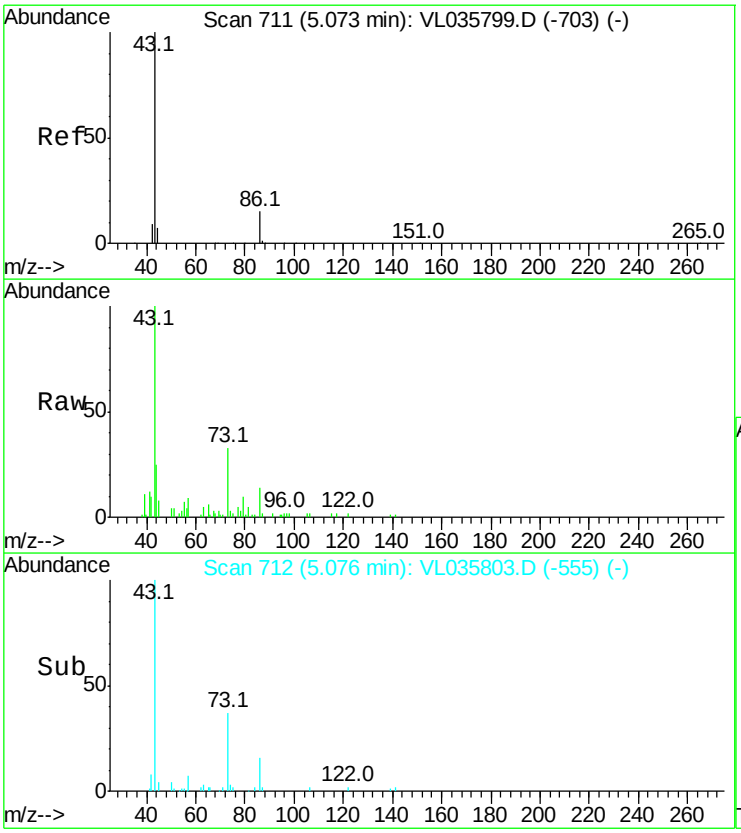
#22
trans-1,2-Dichloroethene
Concen: 0.054 ppbv
RT: 4.89 min Scan# 653
Delta R.T. 0.00 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 96 Resp: 6181

Ion	Ratio	Lower	Upper
96	100		
61	124.9	95.4	143.0
98	62.6	51.8	77.6

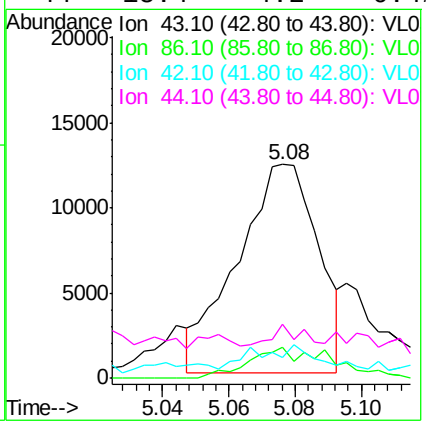


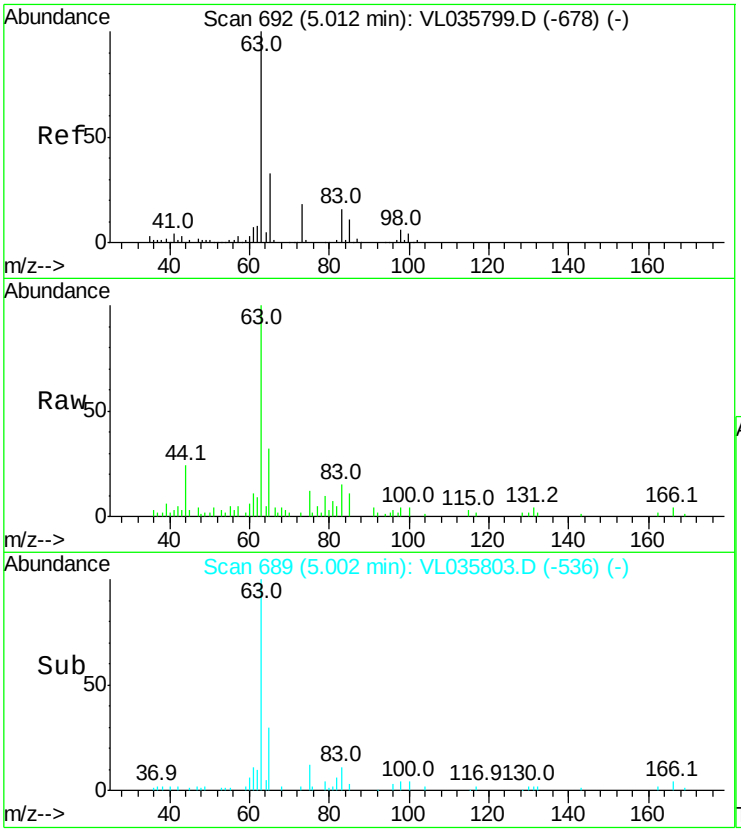


#23
Vinyl Acetate
Concen: 0.110 ppbv
RT: 5.08 min Scan# 712
Delta R.T. 0.00 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Tgt Ion: 43 Resp: 20812

Ion	Ratio	Lower	Upper
43	100		
86	18.4	9.8	14.6#
42	5.1	8.1	12.1#
44	15.4	4.2	6.4#



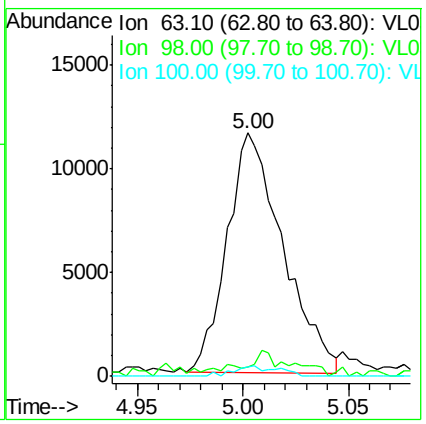


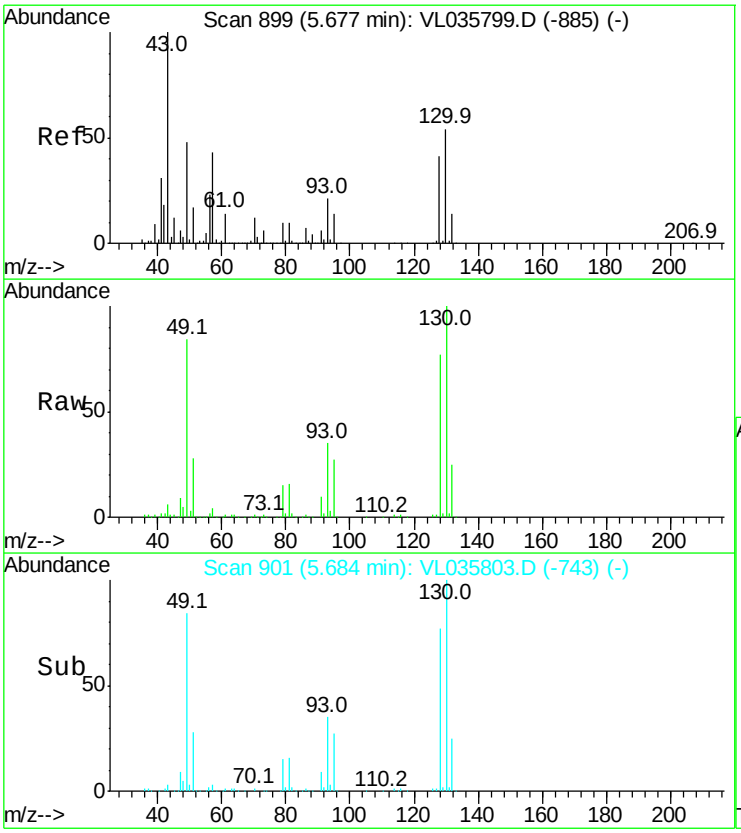
#24
1,1-Dichloroethane
Concen: 0.104 ppbv
RT: 5.00 min Scan# 689
Delta R.T. -0.01 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 63 Resp: 21312

Ion	Ratio	Lower	Upper
63	100		
98	2.3	3.0	9.2#
100	3.7	1.8	5.4

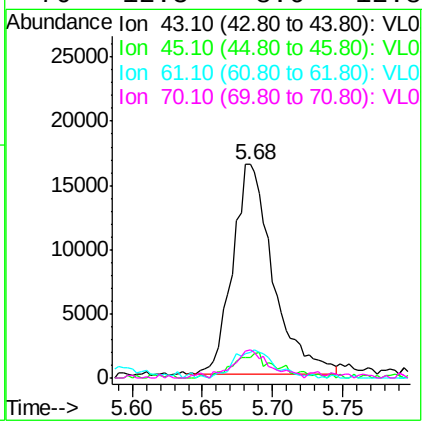


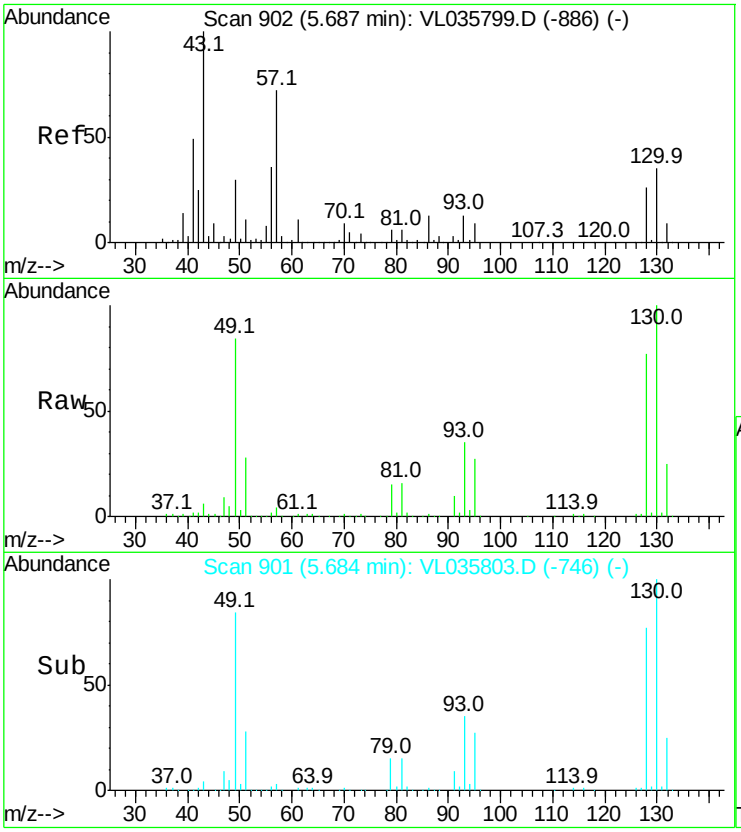


#25
Ethyl Acetate
Concen: 0.119 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.01 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Tgt Ion: 43 Resp: 32915

Ion	Ratio	Lower	Upper
43	100		
45	13.0	8.5	12.7#
61	13.8	10.7	16.1
70	12.3	8.6	12.8



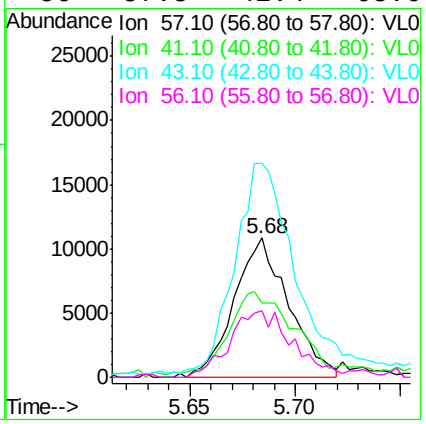


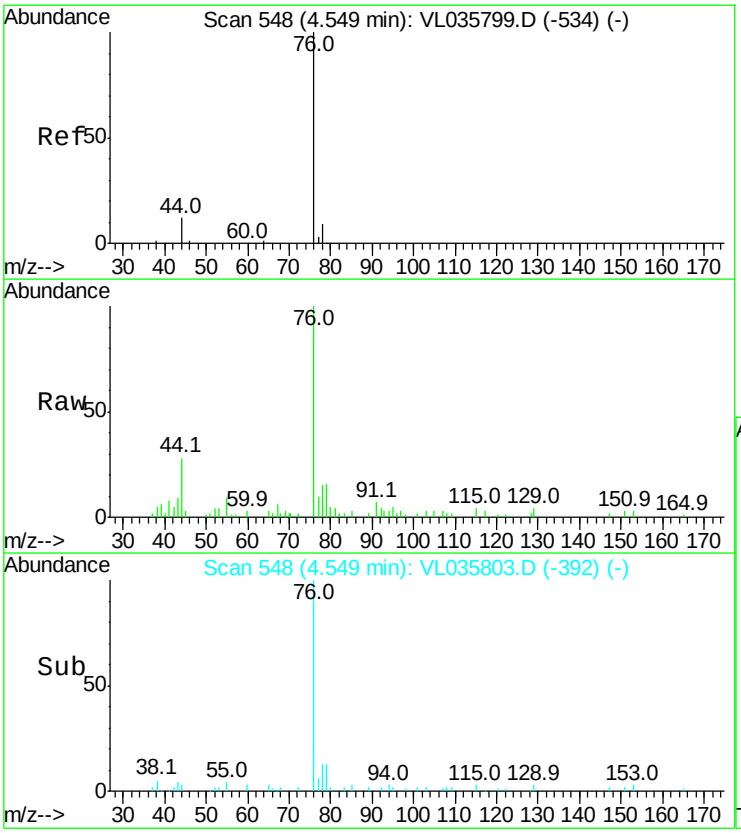
#26
Hexane
Concen: 0.128 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.00 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 57 Resp: 19417

Ion	Ratio	Lower	Upper
57	100		
41	74.4	58.9	88.3
43	193.8	150.2	225.2
56	57.8	42.4	63.6

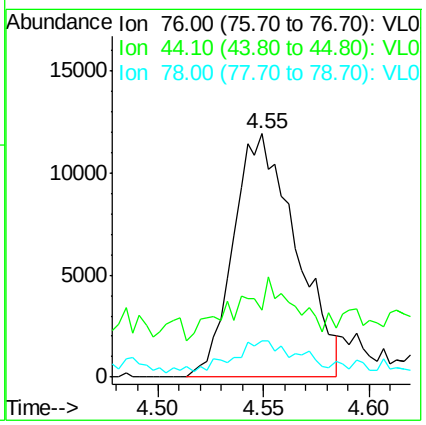


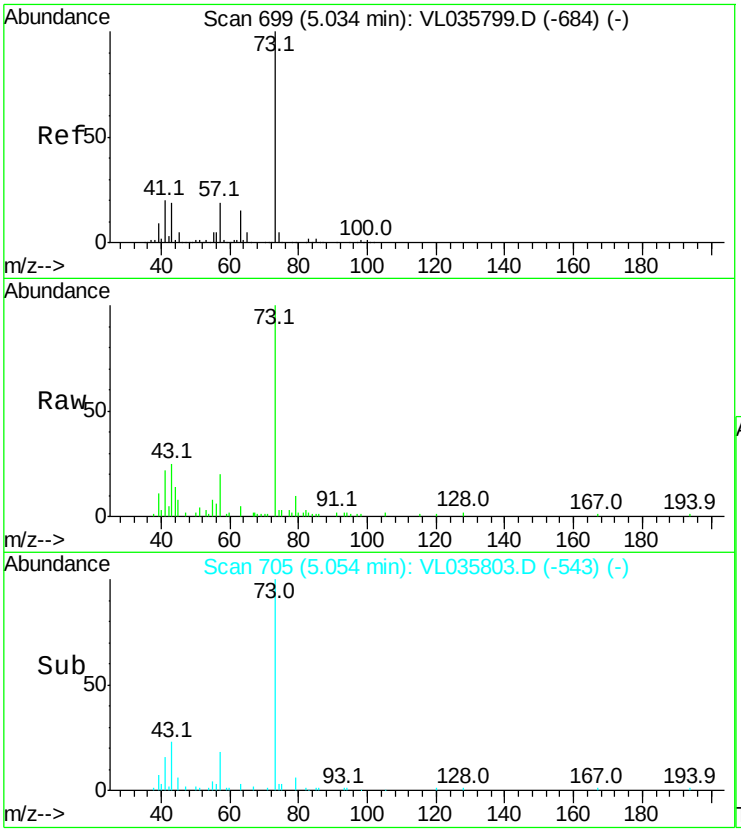


#27
Carbon Disulfide
Concen: 0.109 ppbv
RT: 4.55 min Scan# 548
Delta R.T. 0.00 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Tgt Ion: 76 Resp: 24707

Ion	Ratio	Lower	Upper
76	100		
44	24.7	9.9	14.9#
78	18.4	8.1	12.1#



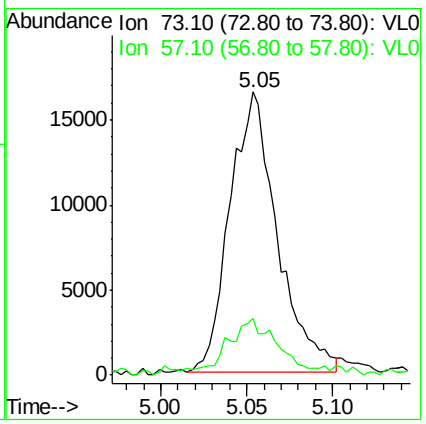


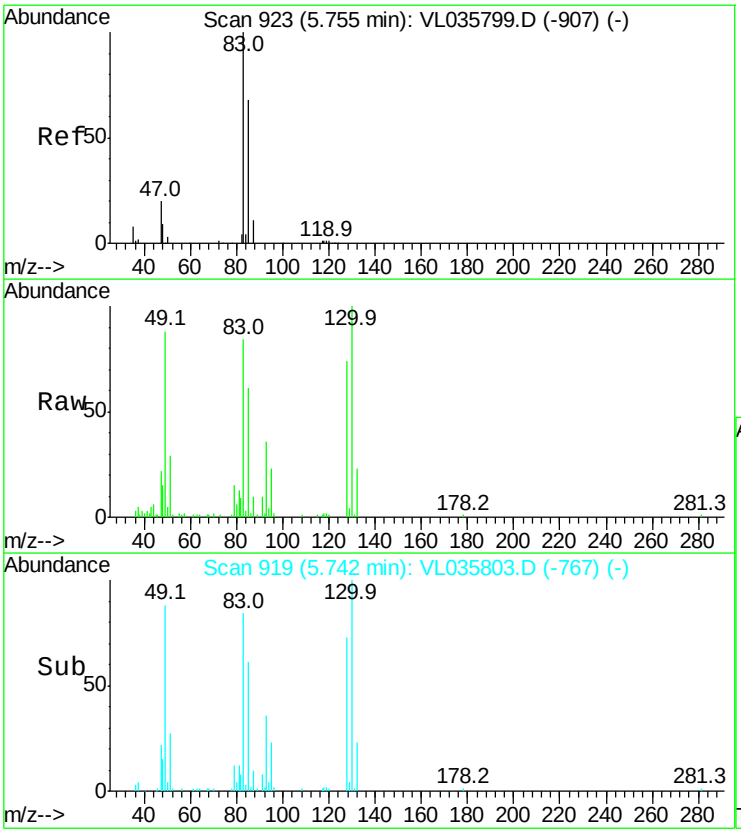
#28
Methyl tert-Butyl Ether
Concen: 0.131 ppbv
RT: 5.05 min Scan# 705
Delta R.T. 0.02 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 73 Resp: 31547

Ion	Ratio	Lower	Upper
73	100		
57	23.1	15.4	23.2

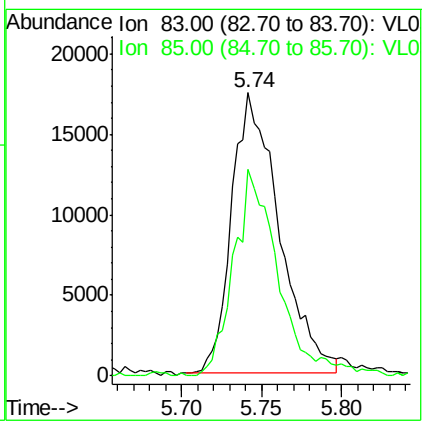


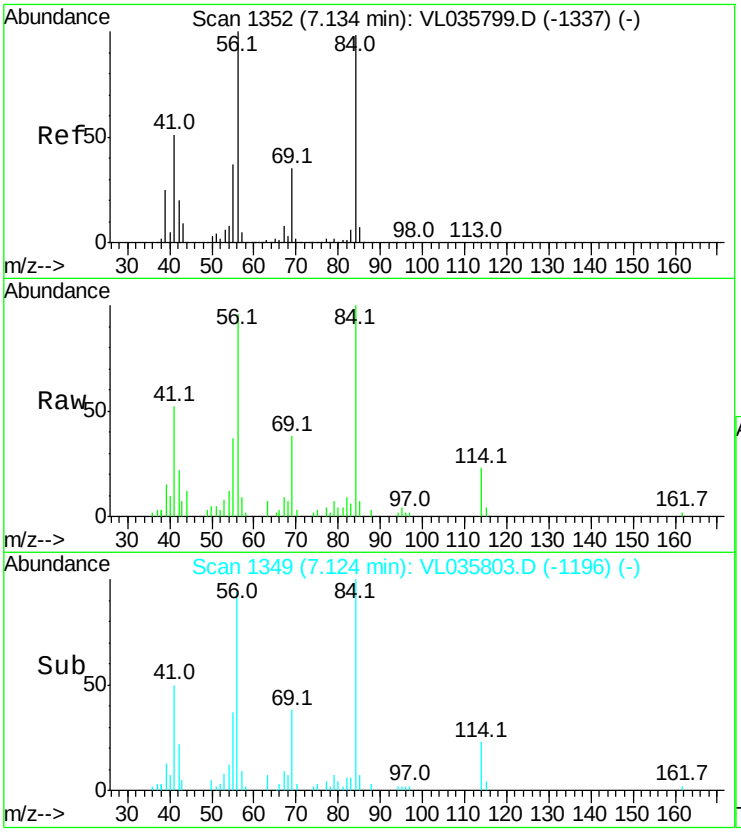


#29
Chloroform
Concen: 0.115 ppbv
RT: 5.74 min Scan# 919
Delta R.T. -0.01 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Tgt Ion: 83 Resp: 35545

Ion	Ratio	Lower	Upper
83	100		
85	73.5	54.6	81.8



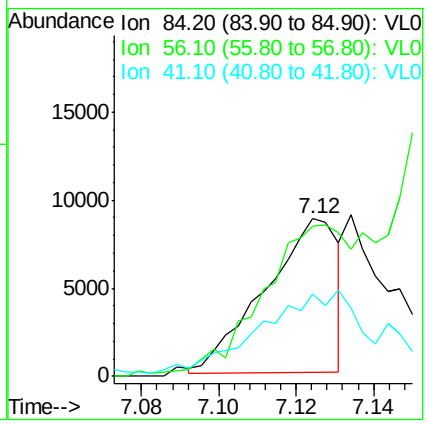


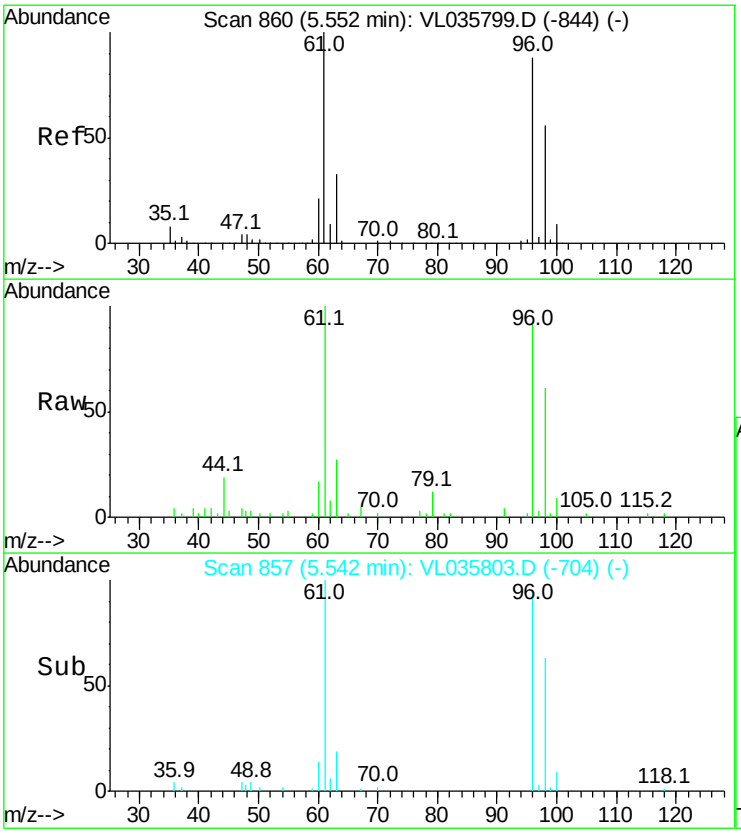
#30
Cyclohexane
Concen: 0.076 ppbv
RT: 7.12 min Scan# 1349
Delta R.T. -0.01 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 84 Resp: 11371

Ion	Ratio	Lower	Upper
84	100		
56	0.0	86.4	129.6#
41	0.0	42.1	63.1#

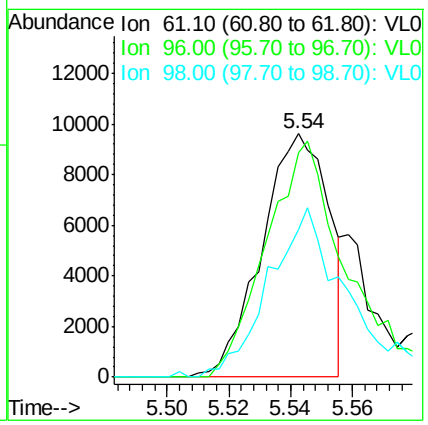


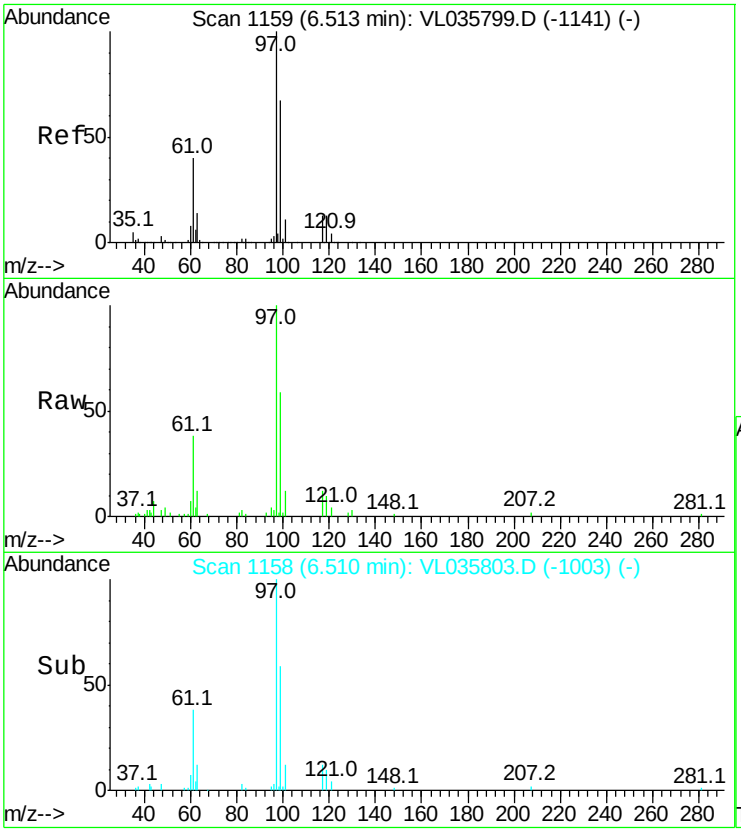


#31
cis-1,2-Dichloroethene
Concen: 0.099 ppbv
RT: 5.54 min Scan# 857
Delta R.T. -0.01 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Tgt Ion: 61 Resp: 14513

Ion	Ratio	Lower	Upper
61	100		
96	92.2	70.3	105.5
98	60.8	45.0	67.6



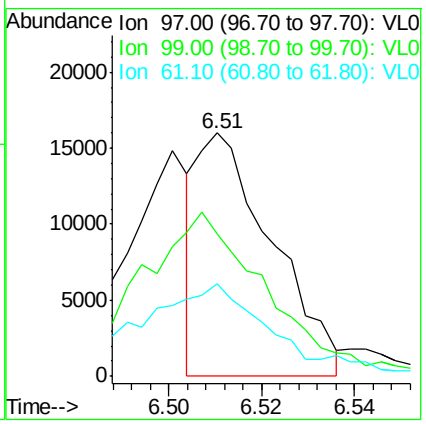


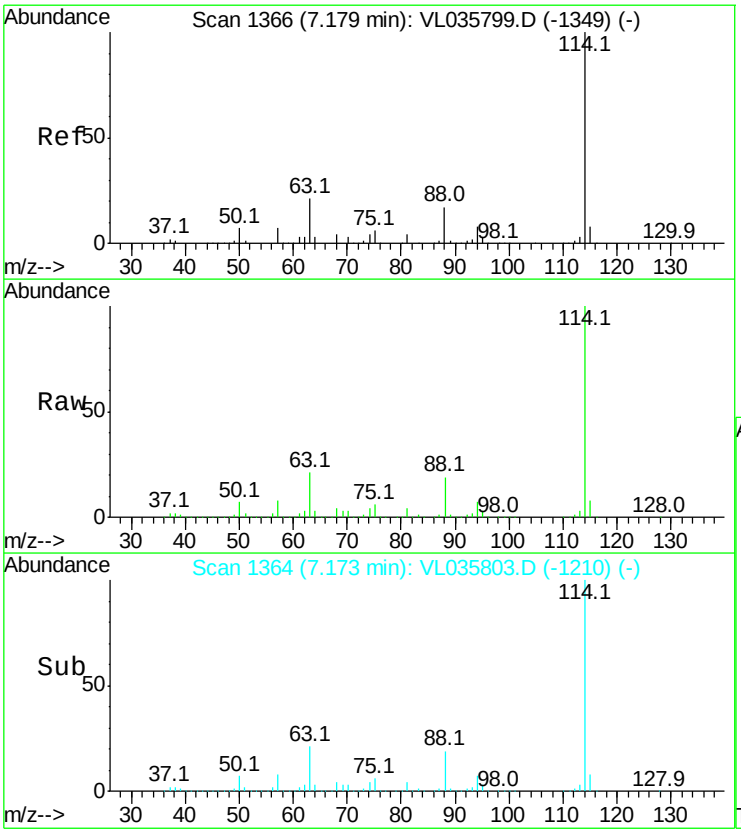
#32
1,1,1-Trichloroethane
Concen: 0.066 ppbv
RT: 6.51 min Scan# 1158
Delta R.T. -0.00 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 97 Resp: 17806

Ion	Ratio	Lower	Upper
97	100		
99	121.4	52.3	78.5#
61	71.1	32.0	48.0#

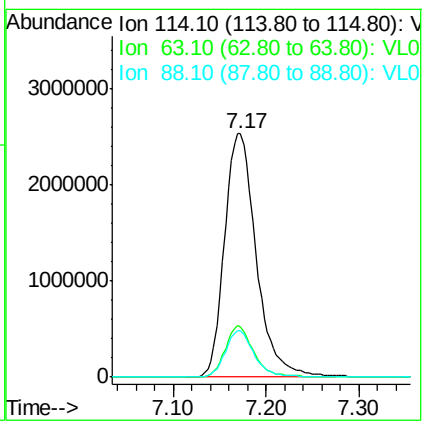


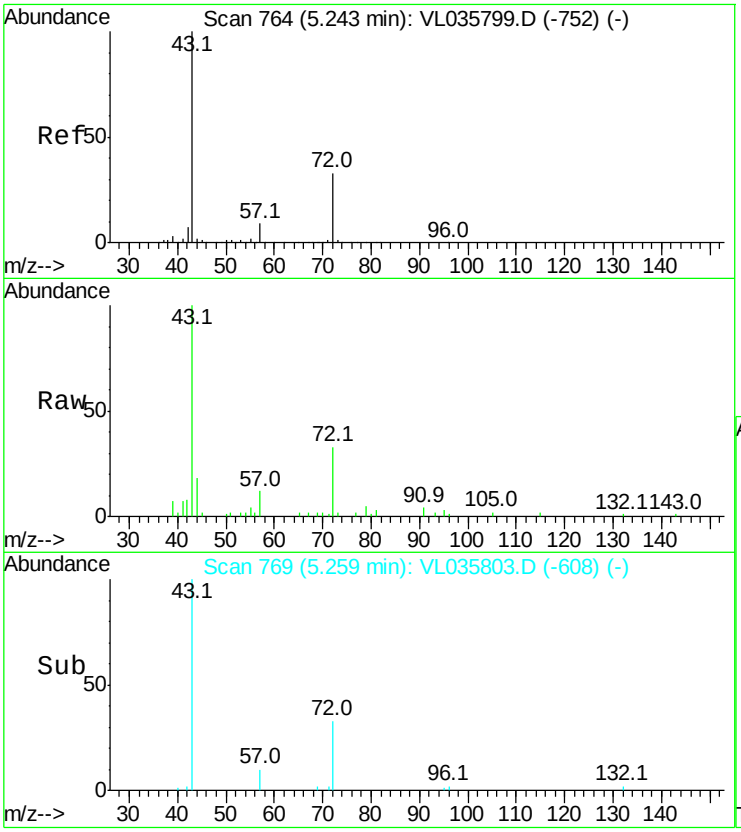


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.01 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Tgt Ion:114 Resp: 6029952

Ion	Ratio	Lower	Upper
114	100		
63	19.1	16.1	24.1
88	17.5	13.7	20.5



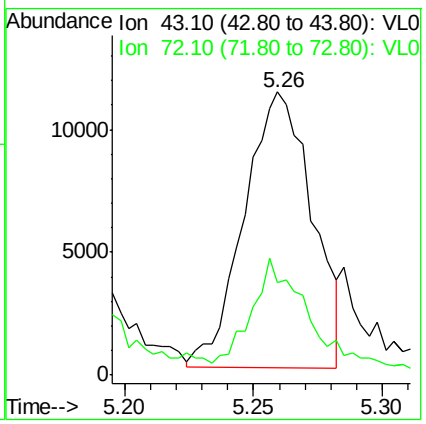


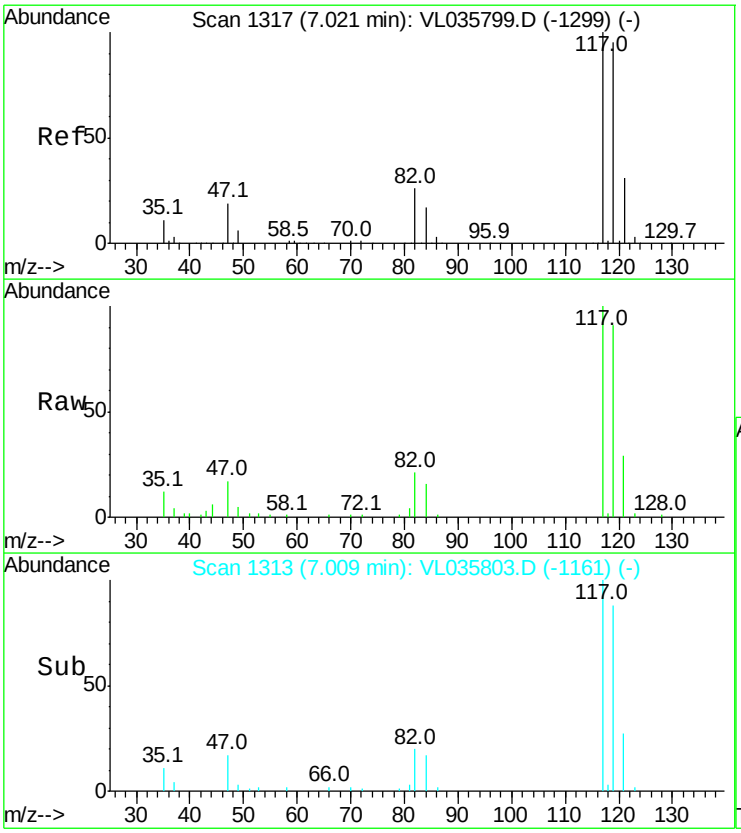
#34
2-Butanone
Concen: 0.104 ppbv
RT: 5.26 min Scan# 769
Delta R.T. 0.02 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 43 Resp: 20646

Ion	Ratio	Lower	Upper
43	100		
72	39.8	26.5	39.7#

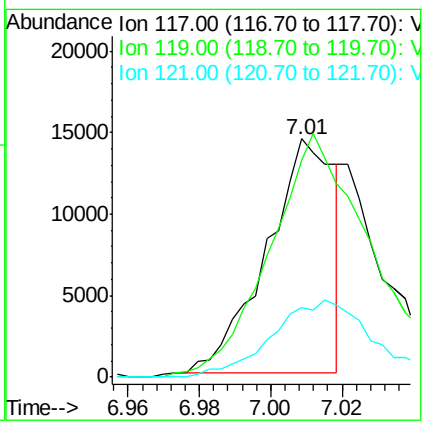


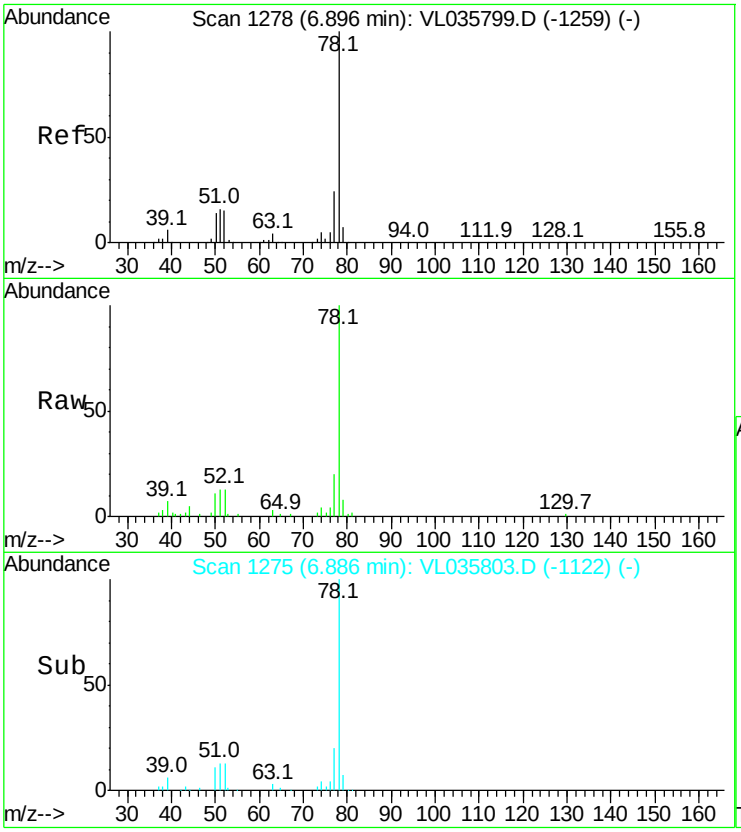


#35
Carbon Tetrachloride
Concen: 0.060 ppbv
RT: 7.01 min Scan# 1313
Delta R.T. -0.01 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Tgt Ion:117 Resp: 18938

Ion	Ratio	Lower	Upper
117	100		
119	90.0	75.6	113.4
121	29.7	25.1	37.7



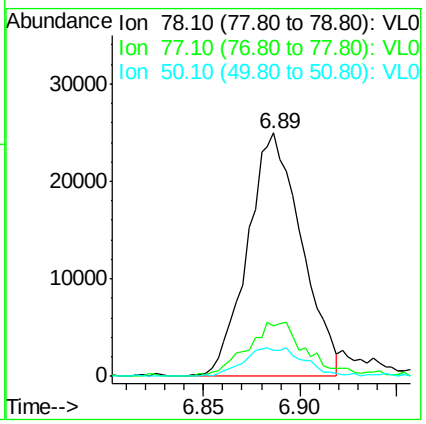


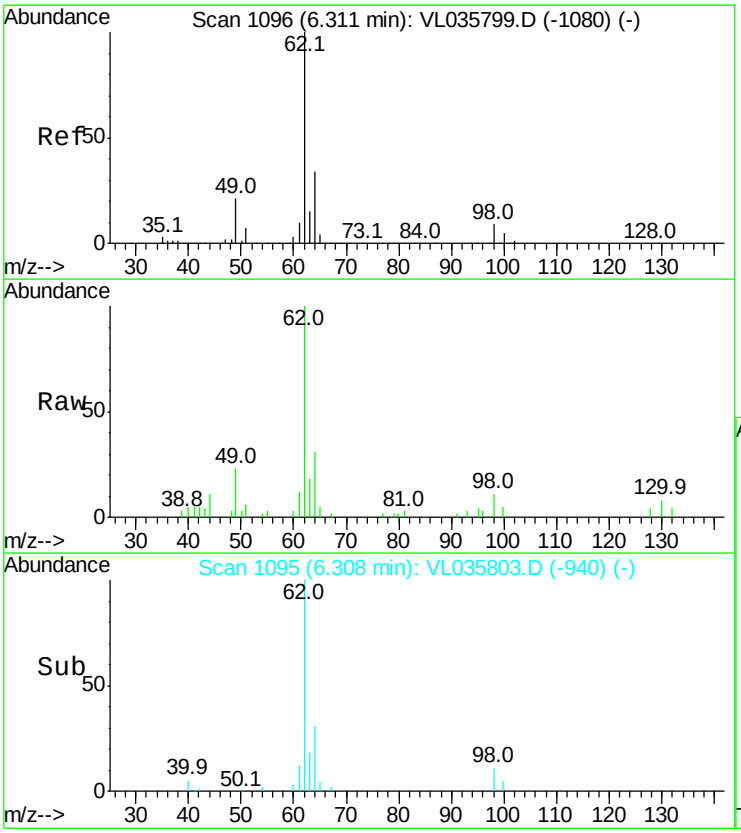
#36
Benzene
Concen: 0.123 ppbv
RT: 6.89 min Scan# 1275
Delta R.T. -0.01 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 78 Resp: 48465

Ion	Ratio	Lower	Upper
78	100		
77	20.5	19.3	28.9
50	10.8	11.4	17.2#

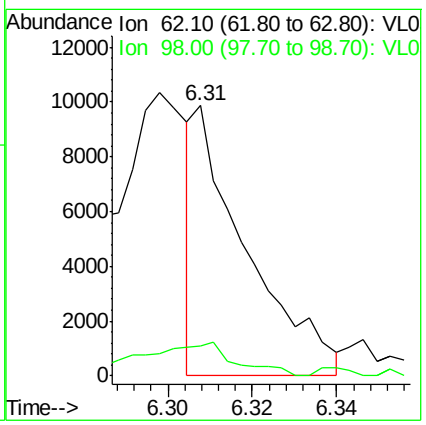


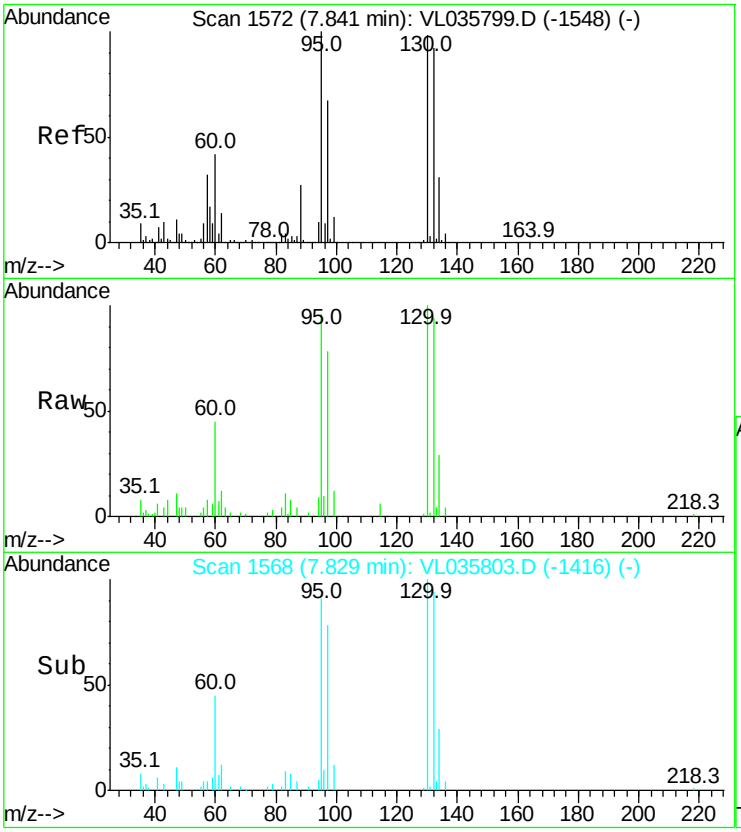


#37
1,2-Dichloroethane
Concen: 0.041 ppbv
RT: 6.31 min Scan# 1095
Delta R.T. -0.00 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Tgt Ion: 62 Resp: 8441

Ion	Ratio	Lower	Upper
62	100		
98	27.8	6.9	10.3#



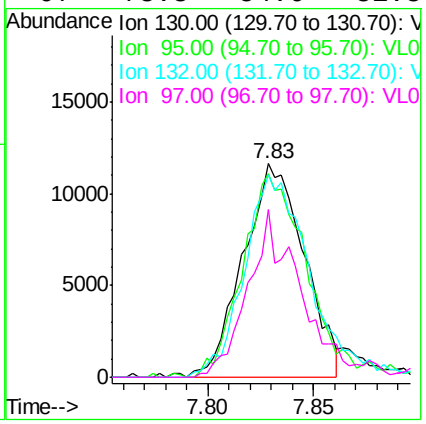


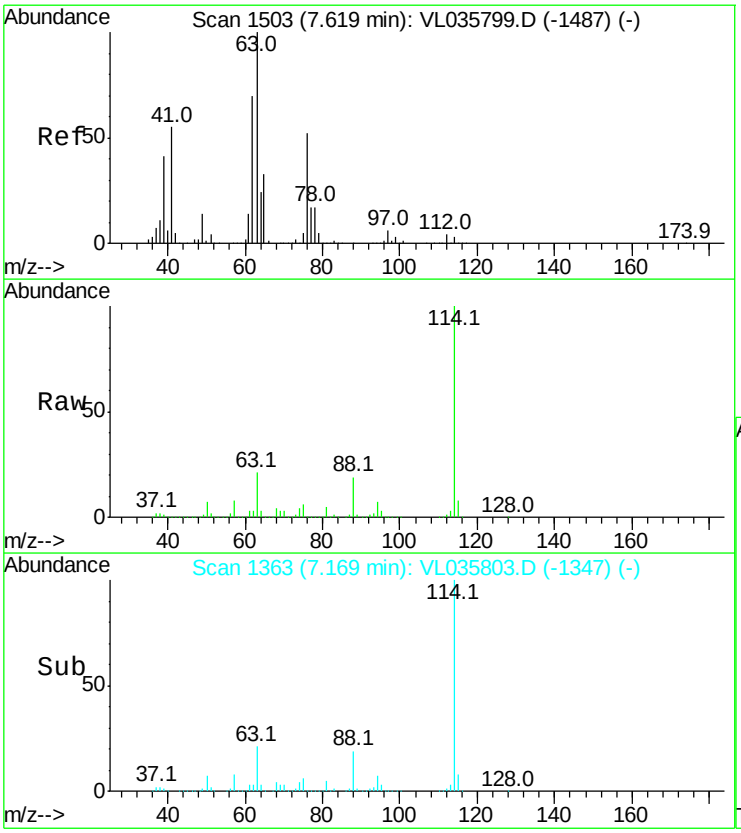
#38
Trichloroethene
Concen: 0.119 ppbv
RT: 7.83 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:130 Resp: 23347

Ion	Ratio	Lower	Upper
130	100		
95	95.5	81.6	122.4
132	94.5	75.1	112.7
97	78.3	54.6	81.8

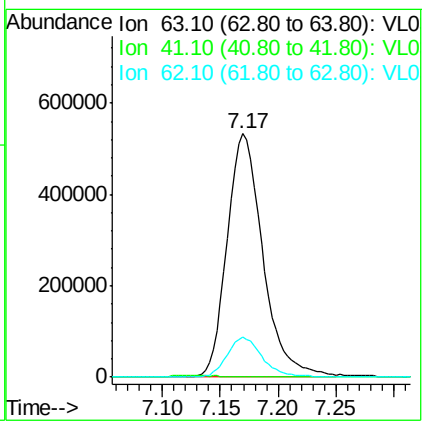


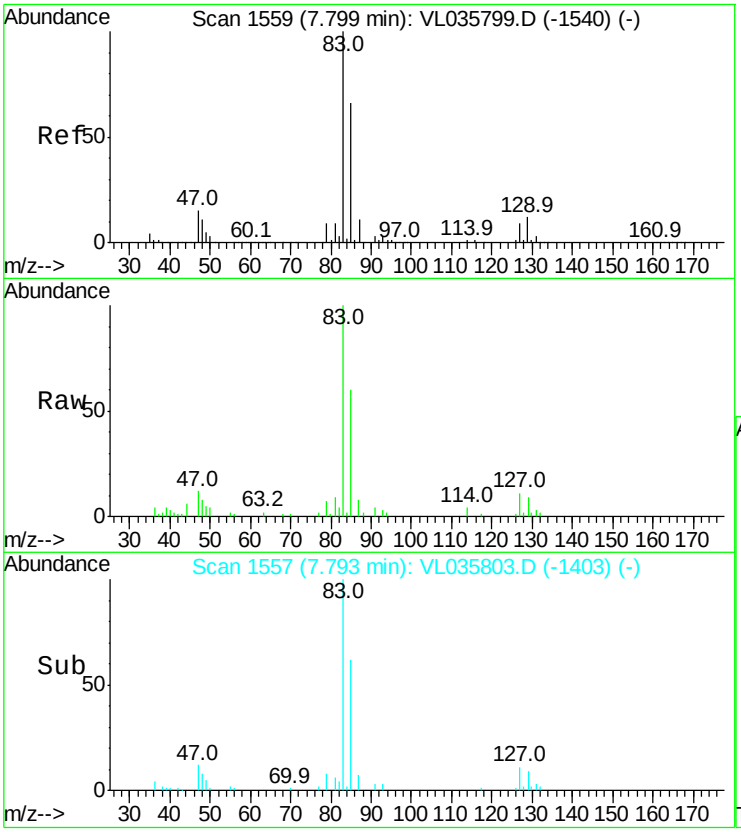


#39
1,2-Dichloropropane
Concen: 7.977 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.45 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Tgt Ion: 63 Resp: 1136000

Ion	Ratio	Lower	Upper
63	100		
41	0.0	43.8	65.6#
62	16.6	56.2	84.2#



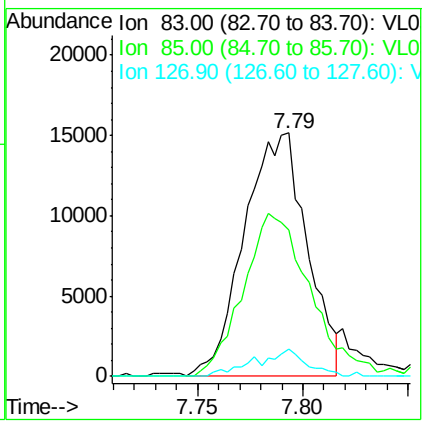


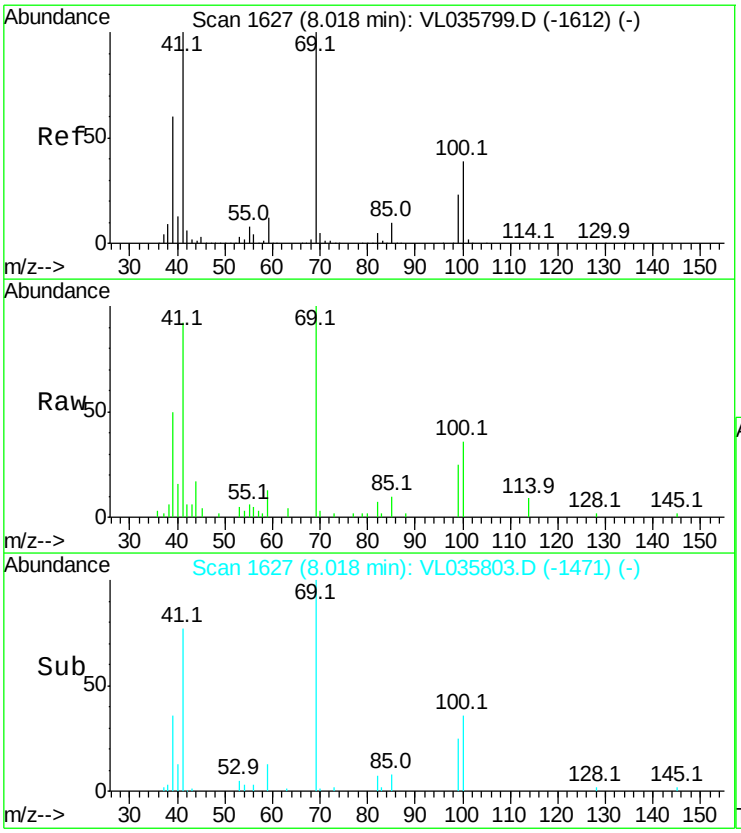
#42
Bromodichloromethane
Concen: 0.095 ppbv
RT: 7.79 min Scan# 1557
Delta R.T. -0.01 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 83 Resp: 31461

Ion	Ratio	Lower	Upper
83	100		
85	60.1	53.1	79.7
127	11.0	7.3	10.9#

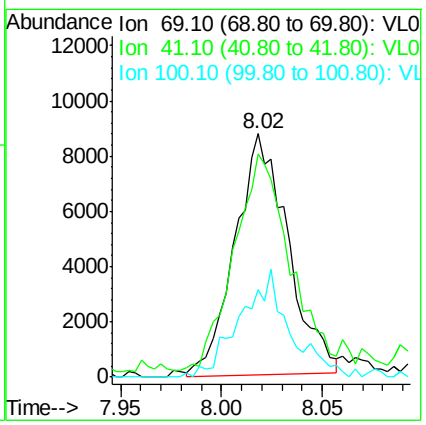


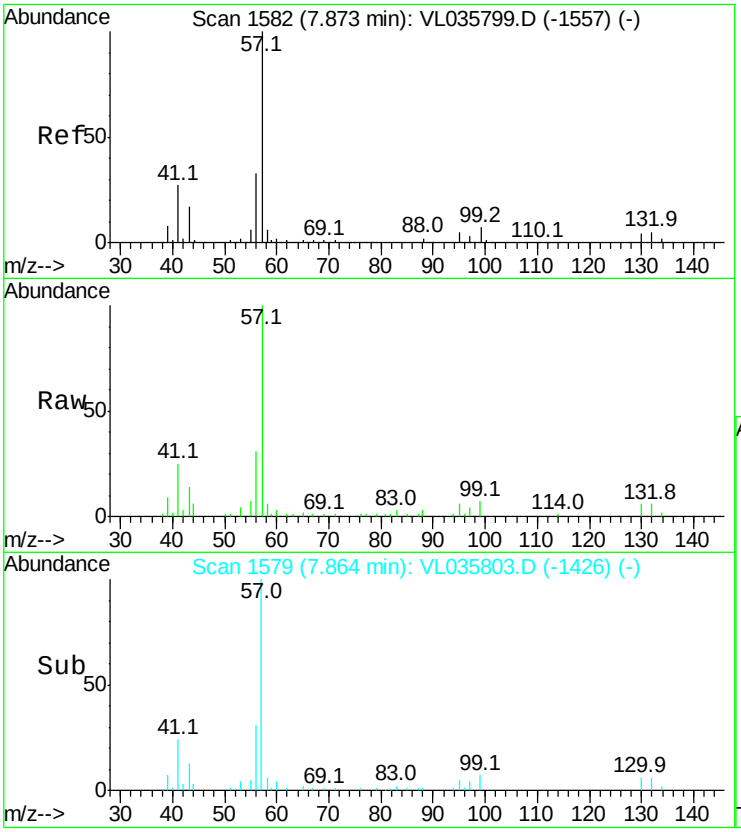


#43
Methyl Methacrylate
Concen: 0.103 ppbv
RT: 8.02 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Tgt Ion: 69 Resp: 16119

Ion	Ratio	Lower	Upper
69	100		
41	100.0	81.1	121.7
100	41.4	31.0	46.4



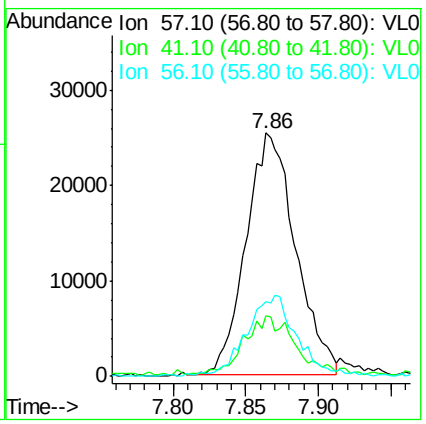


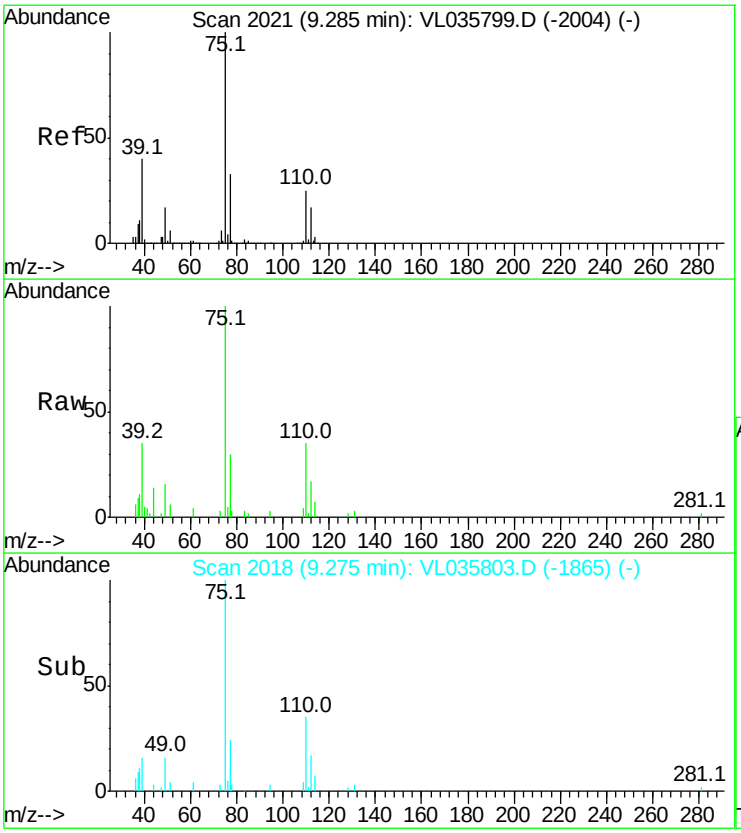
#44
2,2,4-Trimethylpentane
Concen: 0.107 ppbv
RT: 7.86 min Scan# 1579
Delta R.T. -0.01 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 57 Resp: 60138

Ion	Ratio	Lower	Upper
57	100		
41	25.8	21.0	31.4
56	34.6	25.4	38.0

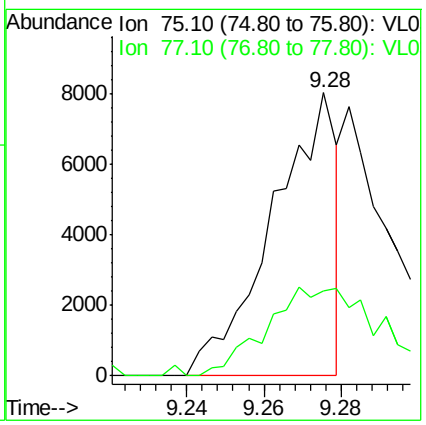


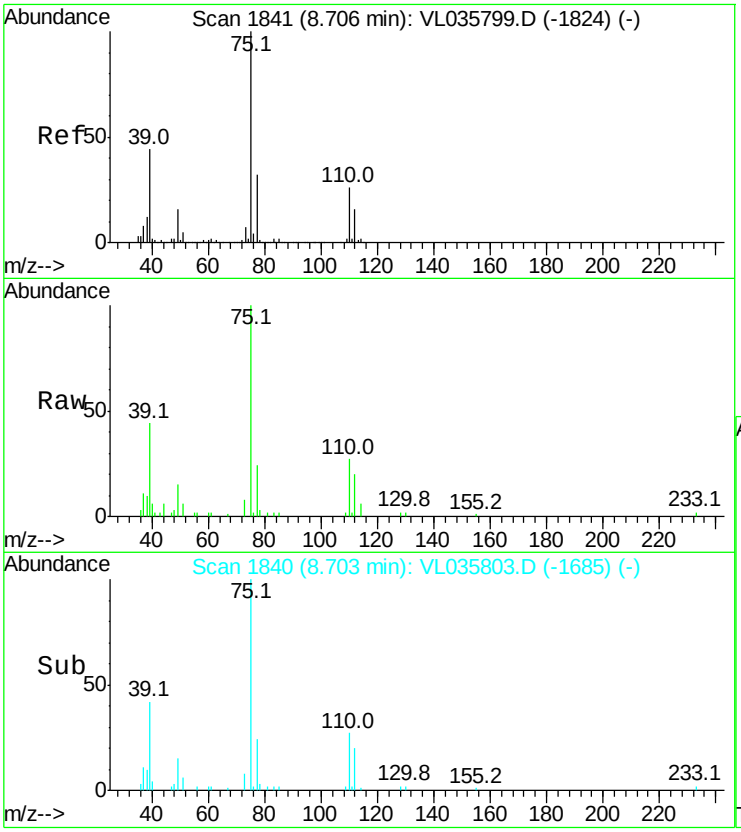


#45
t-1,3-Dichloropropene
Concen: 0.059 ppbv
RT: 9.28 min Scan# 2018
Delta R.T. -0.01 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Tgt Ion: 75 Resp: 9269

Ion	Ratio	Lower	Upper
75	100		
77	29.9	26.4	39.6



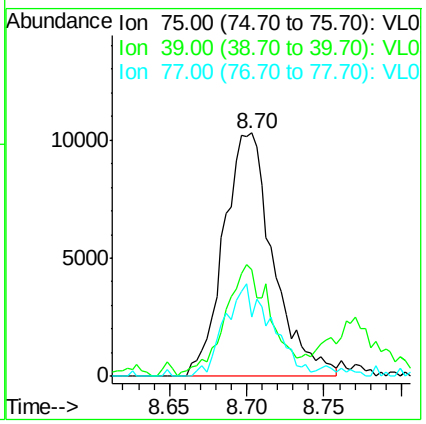


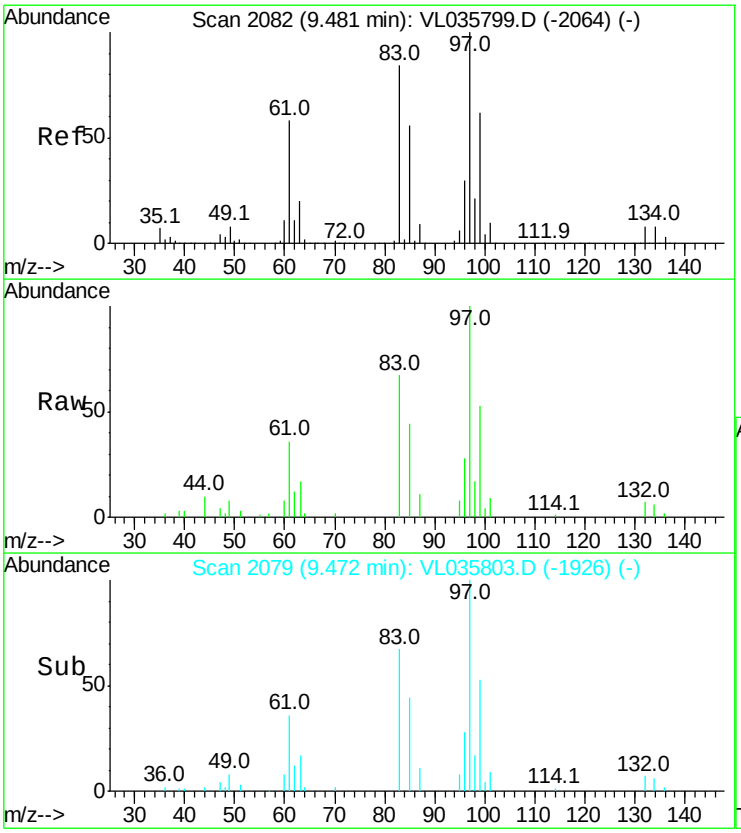
#46
cis-1,3-Dichloropropene
Concen: 0.118 ppbv
RT: 8.70 min Scan# 1840
Delta R.T. -0.00 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 75 Resp: 22951

Ion	Ratio	Lower	Upper
75	100		
39	41.8	35.1	52.7
77	24.3	25.7	38.5#

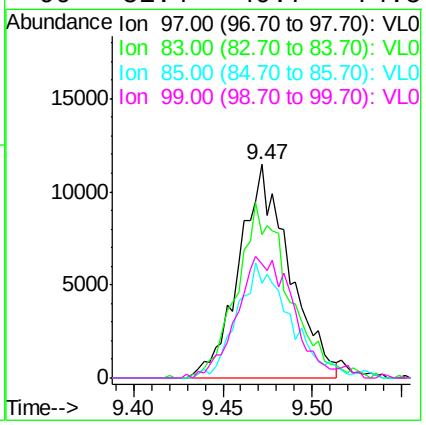


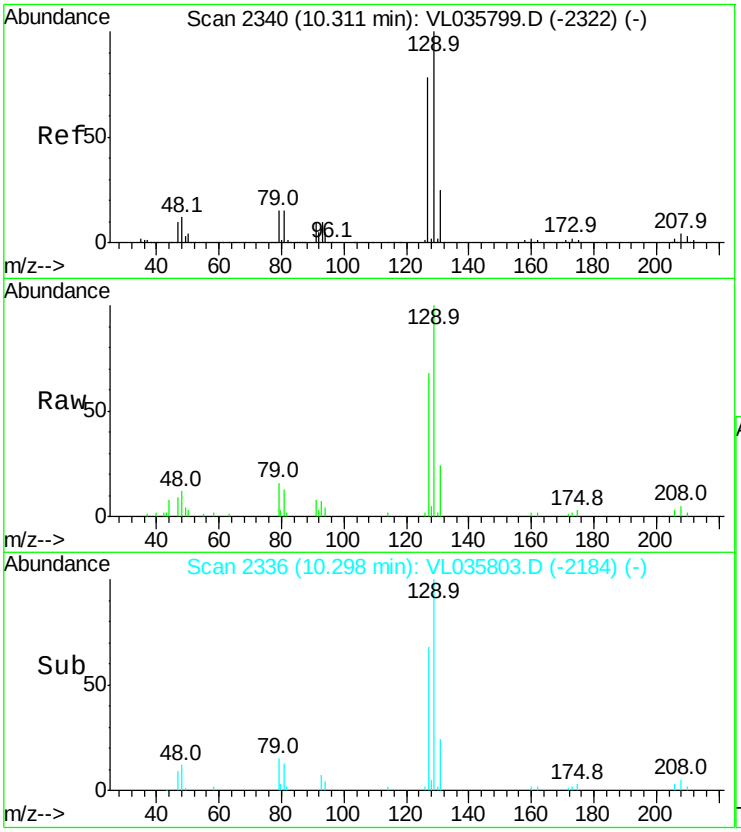


#47
1,1,2-Trichloroethane
Concen: 0.111 ppbv
RT: 9.47 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Tgt Ion: 97 Resp: 22549

Ion	Ratio	Lower	Upper
97	100		
83	67.3	67.1	100.7
85	44.3	44.7	67.1#
99	51.4	49.7	74.5



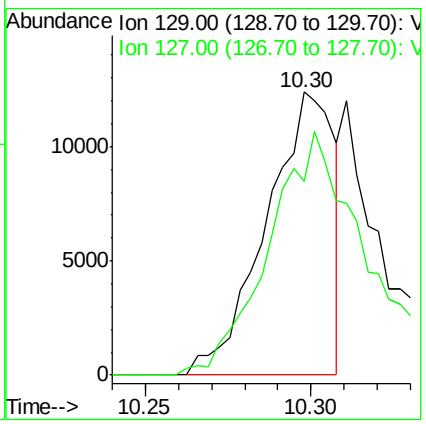


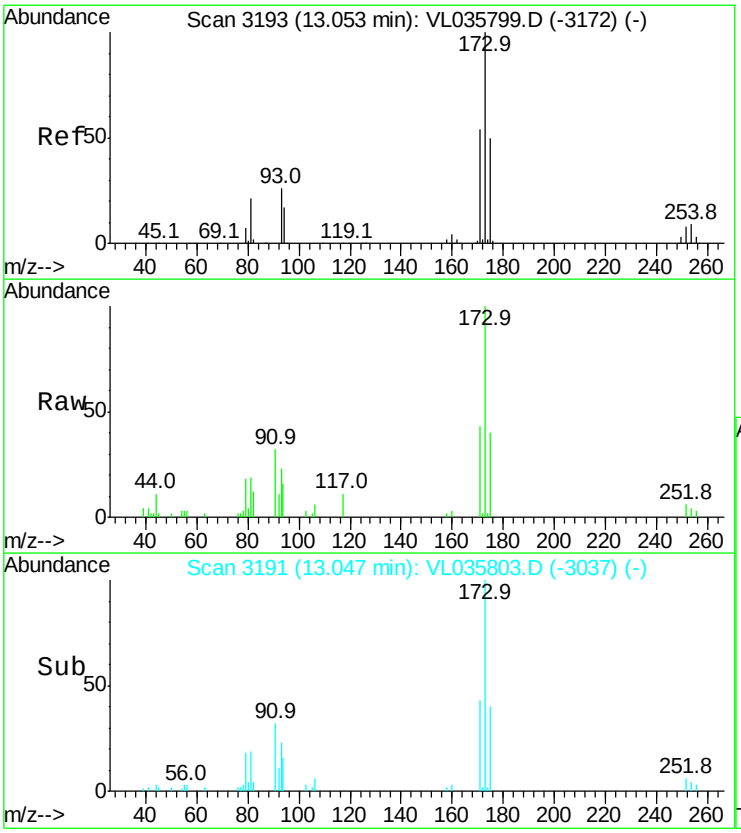
#48
Dibromochloromethane
Concen: 0.057 ppbv
RT: 10.30 min Scan# 2336
Delta R.T. -0.01 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:129 Resp: 17677

Ion	Ratio	Lower	Upper
129	100		
127	124.8	39.2	117.6#

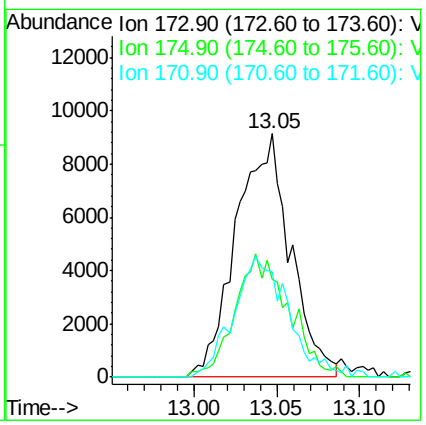


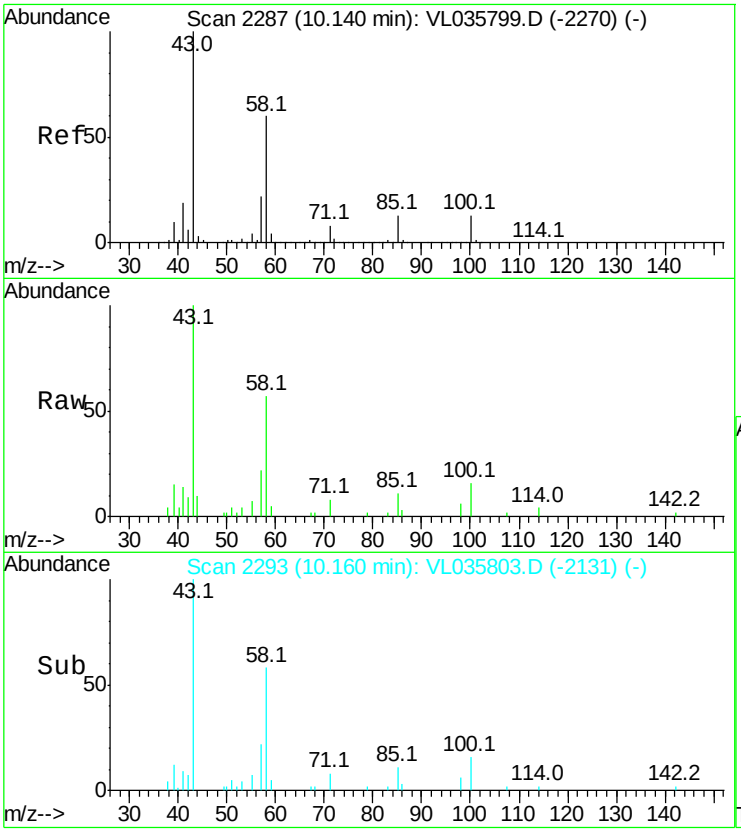


#49
Bromoform
Concen: 0.079 ppbv
RT: 13.05 min Scan# 3191
Delta R.T. -0.01 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Tgt Ion:173 Resp: 20758

Ion	Ratio	Lower	Upper
173	100		
175	50.2	40.1	60.1
171	50.7	42.6	63.8



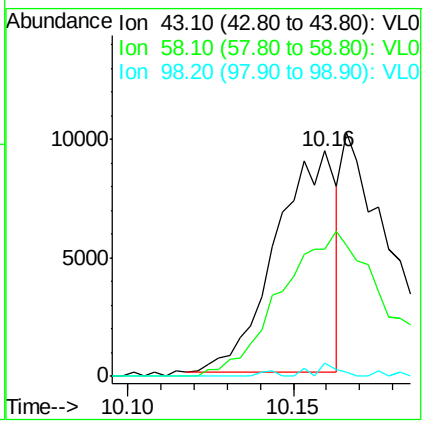


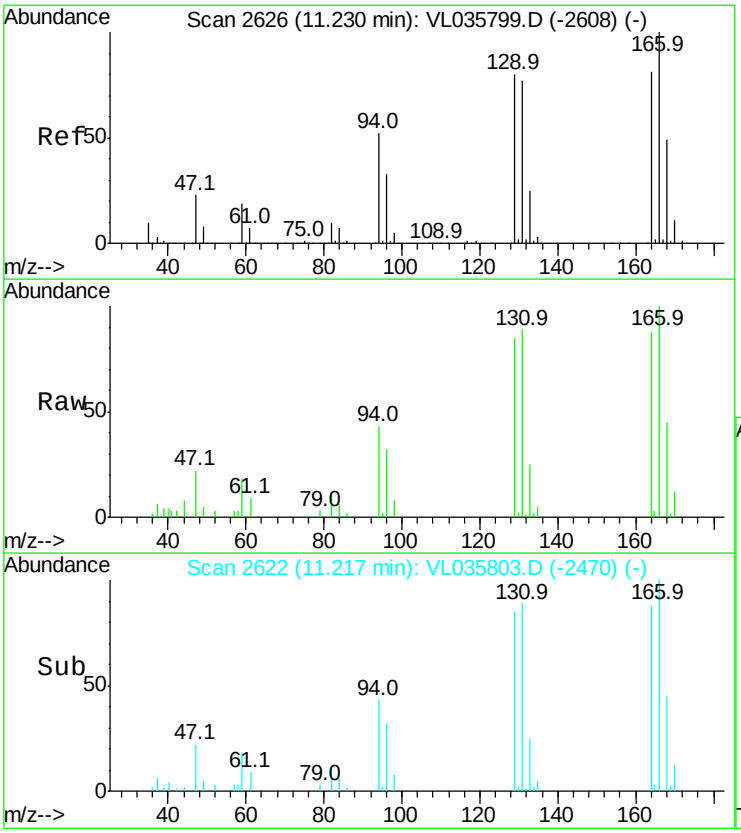
#51
2-Hexanone
Concen: 0.051 ppbv
RT: 10.16 min Scan# 2293
Delta R.T. 0.02 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 43 Resp: 11931

Ion	Ratio	Lower	Upper
43	100		
58	0.0	48.3	72.5#
98	3.5	0.6	0.8#

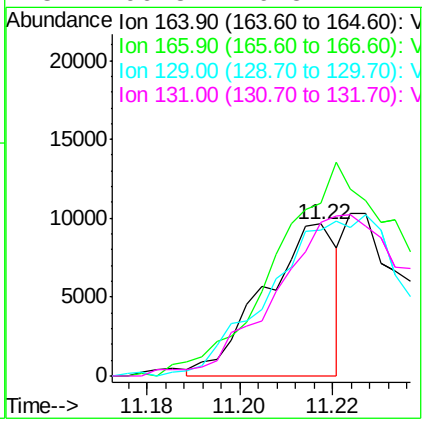


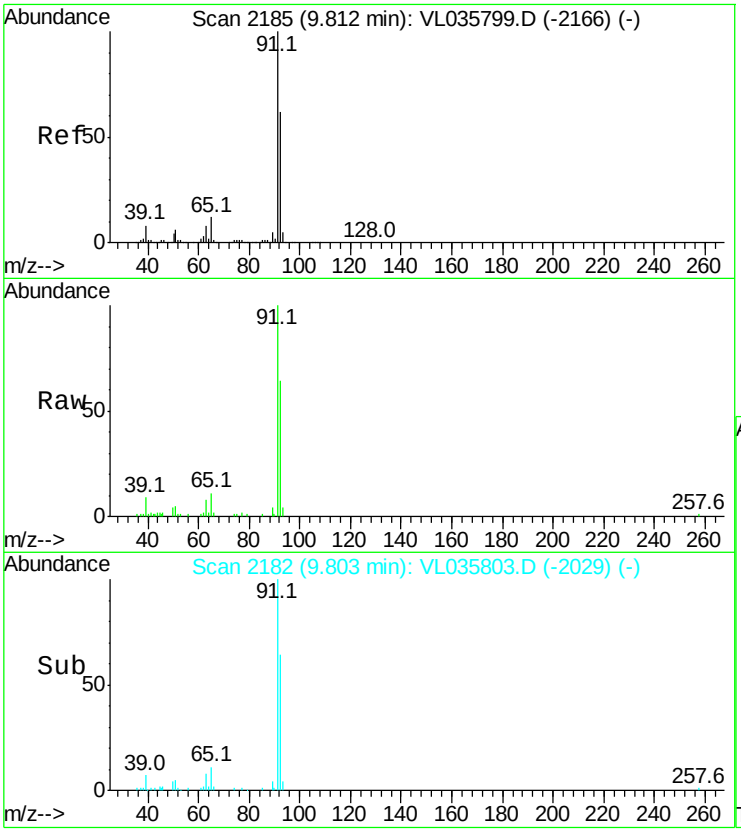


#52
Tetrachloroethene
Concen: 0.056 ppbv
RT: 11.22 min Scan# 2622
Delta R.T. -0.01 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Tgt Ion:164 Resp: 10535

Ion	Ratio	Lower	Upper
164	100		
166	108.4	99.3	148.9
129	96.6	79.3	118.9
131	100.8	76.5	114.7



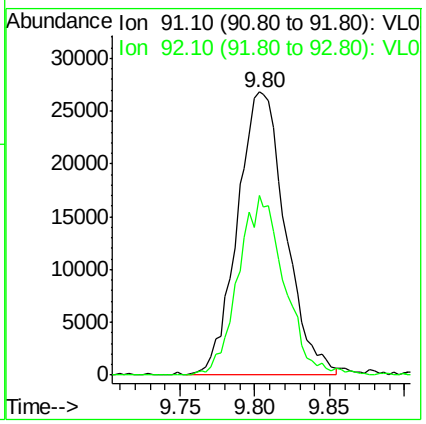


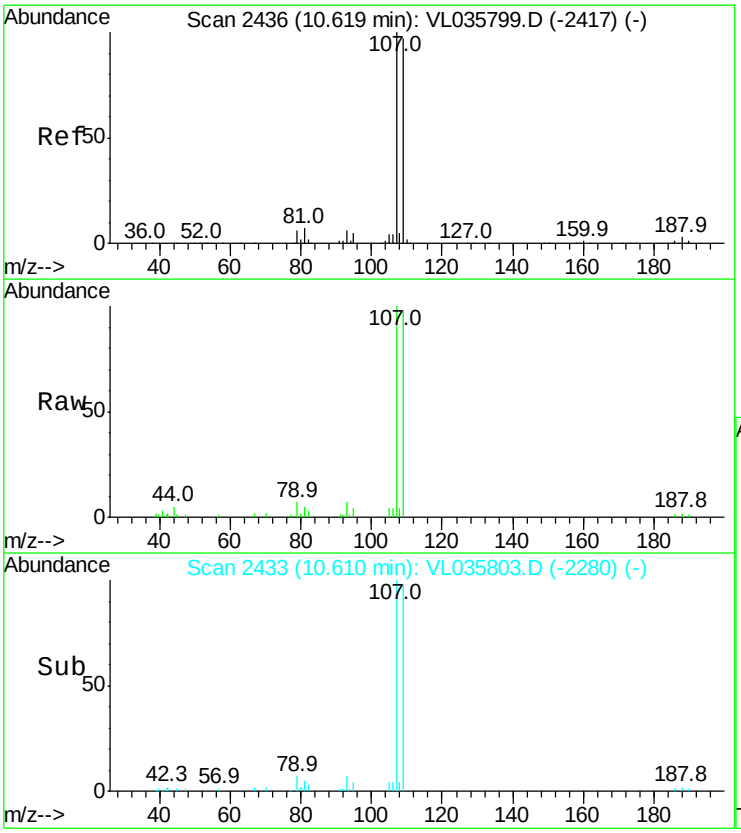
#53
Toluene
Concen: 0.130 ppbv
RT: 9.80 min Scan# 2182
Delta R.T. -0.01 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 91 Resp: 60033

Ion	Ratio	Lower	Upper
91	100		
92	60.9	49.8	74.6

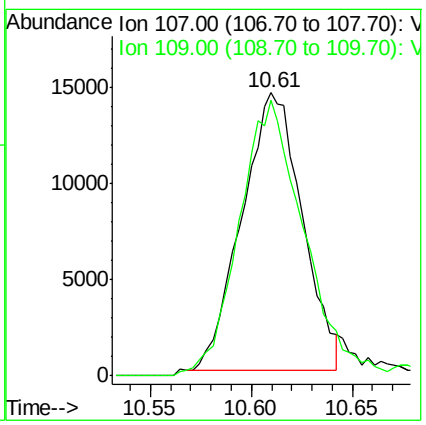


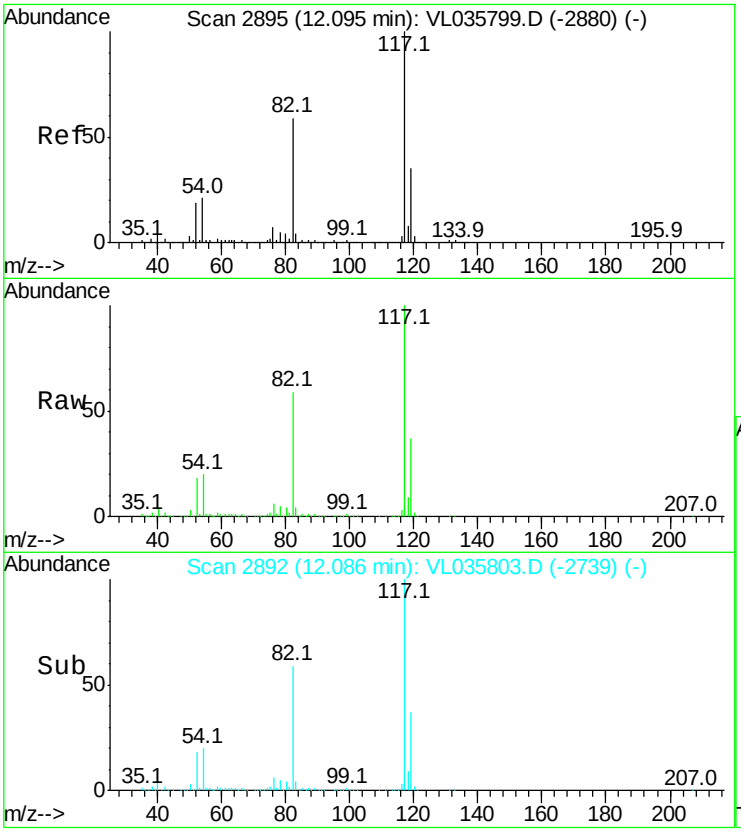


#54
1,2-Dibromoethane
Concen: 0.099 ppbv
RT: 10.61 min Scan# 2433
Delta R.T. -0.01 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Tgt Ion:107 Resp: 30192

Ion	Ratio	Lower	Upper
107	100		
109	97.4	77.2	115.8



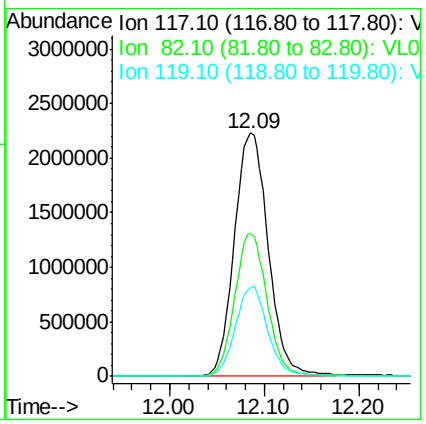


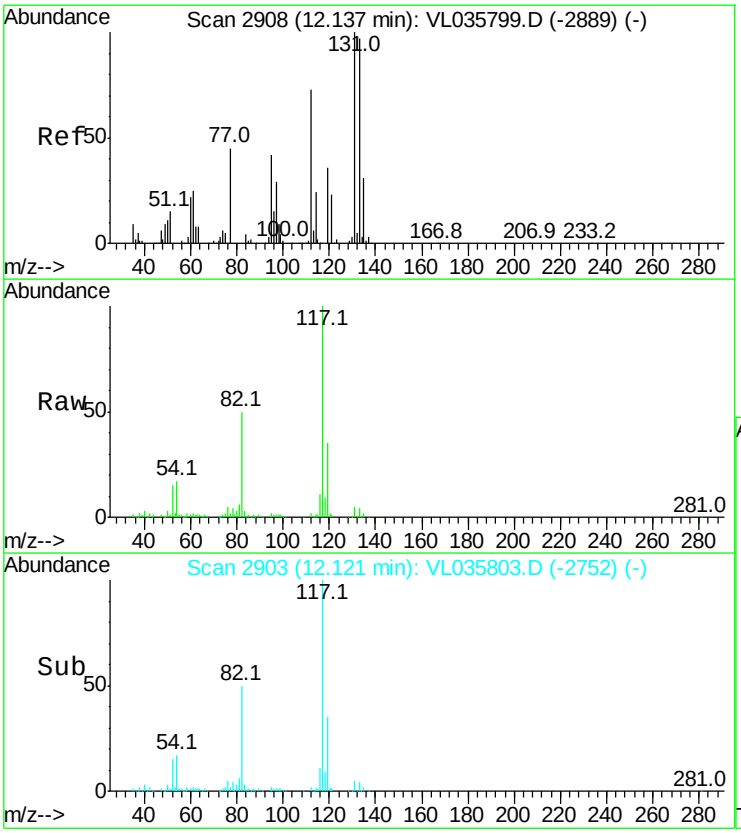
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:117 Resp: 5567389

Ion	Ratio	Lower	Upper
117	100		
82	56.8	50.6	76.0
119	35.5	52.6	78.8#

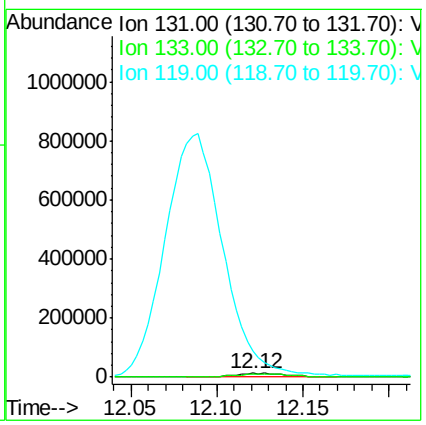


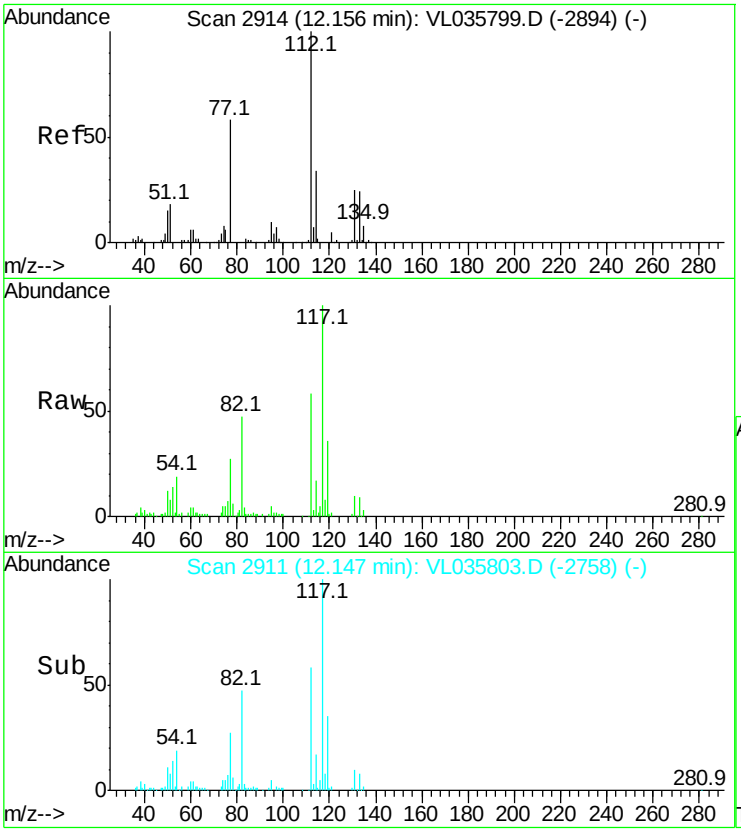


#56
1,1,1,2-Tetrachloroethane
Concen: 0.111 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. -0.02 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Tgt Ion:131 Resp: 26002

Ion	Ratio	Lower	Upper
131	100		
133	96.0	76.8	115.2
119	7615.4	47.4	71.0#



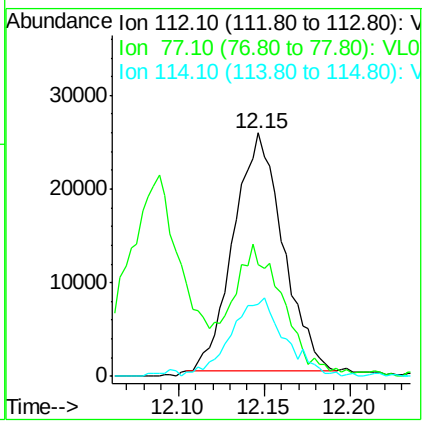


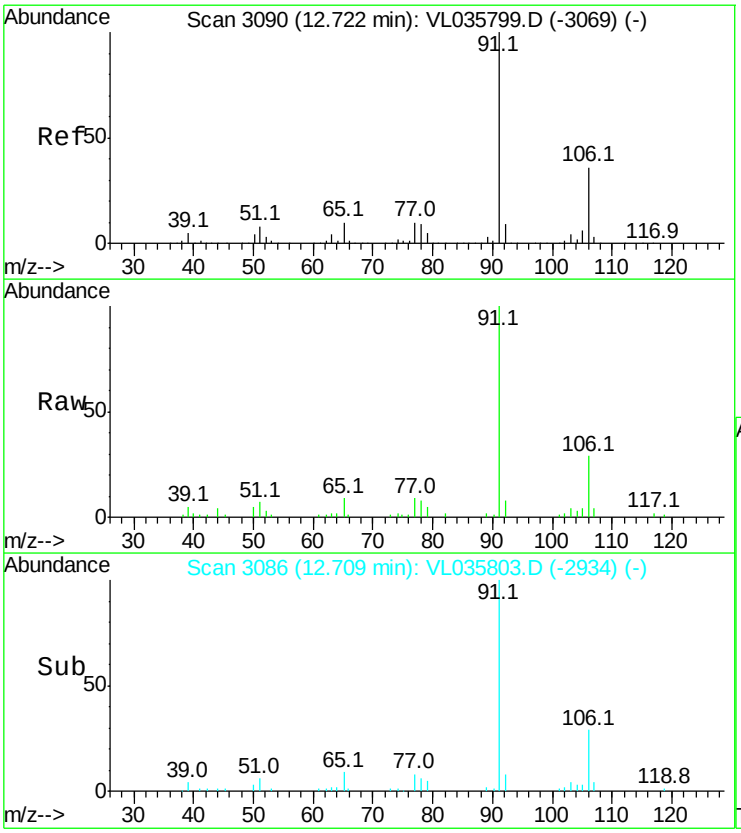
#57
Chlorobenzene
Concen: 0.121 ppbv
RT: 12.15 min Scan# 2911
Delta R.T. -0.01 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:112 Resp: 50720

Ion	Ratio	Lower	Upper
112	100		
77	43.7	47.5	71.3#
114	28.4	30.3	37.1#

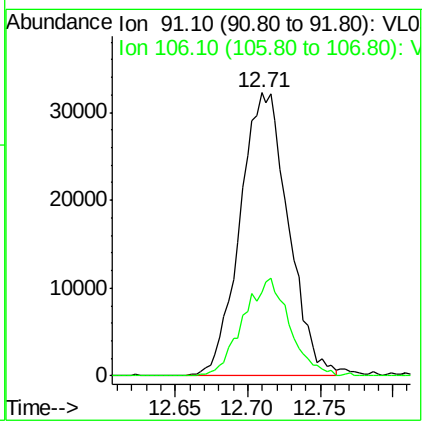


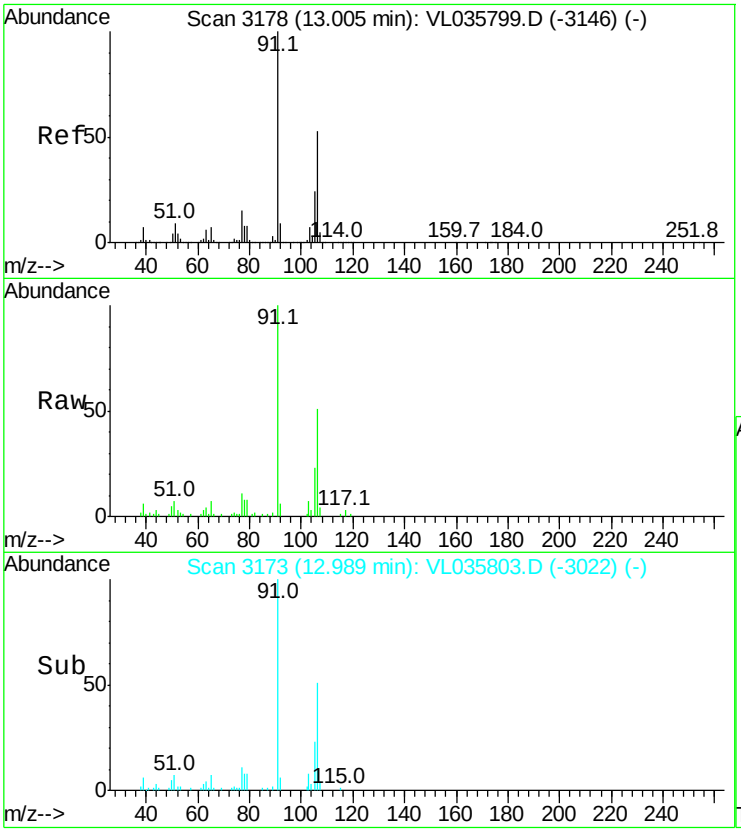


#58
Ethyl Benzene
Concen: 0.134 ppbv
RT: 12.71 min Scan# 3086
Delta R.T. -0.01 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Tgt Ion: 91 Resp: 74880

Ion	Ratio	Lower	Upper
91	100		
106	29.4	28.6	43.0



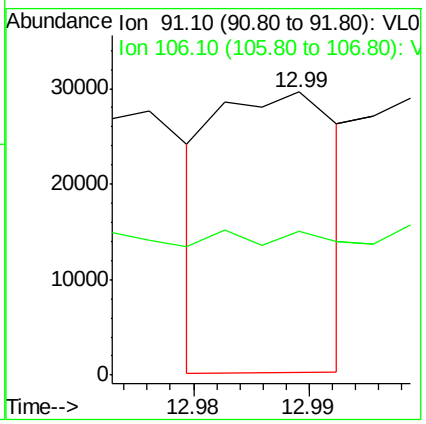


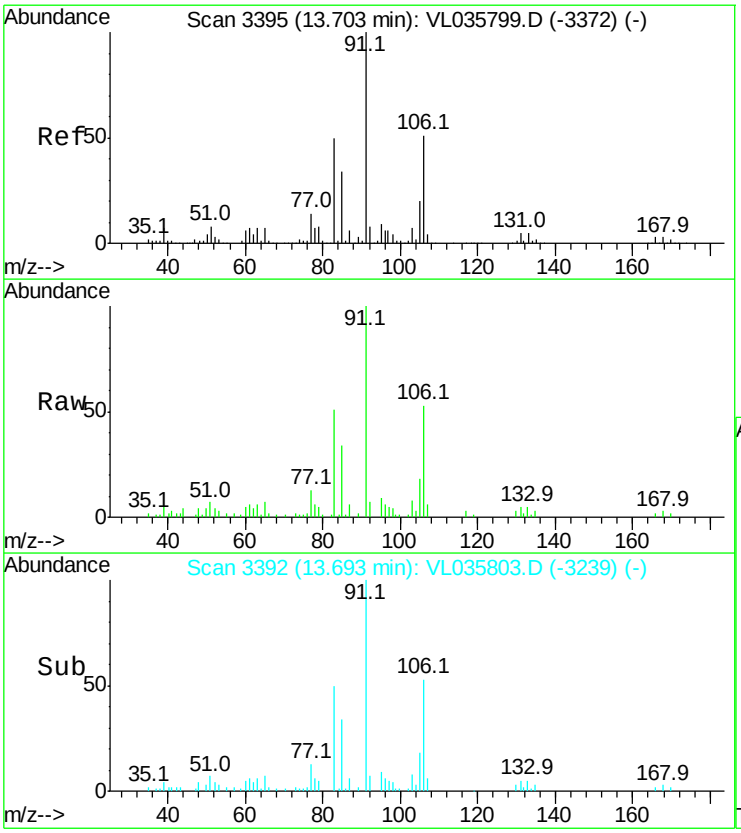
#59
m/p-Xylene
Concen: 0.044 ppbv
RT: 12.99 min Scan# 3173
Delta R.T. -0.02 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 91 Resp: 21548

Ion	Ratio	Lower	Upper
91	100		
106	0.0	39.5	59.3#

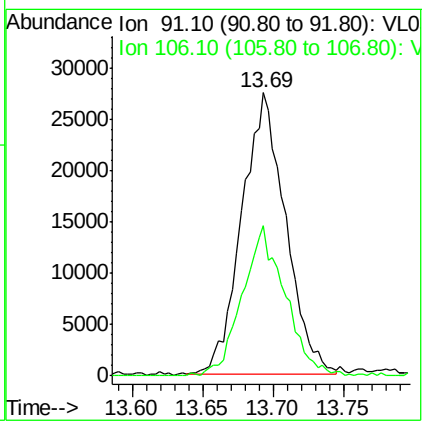


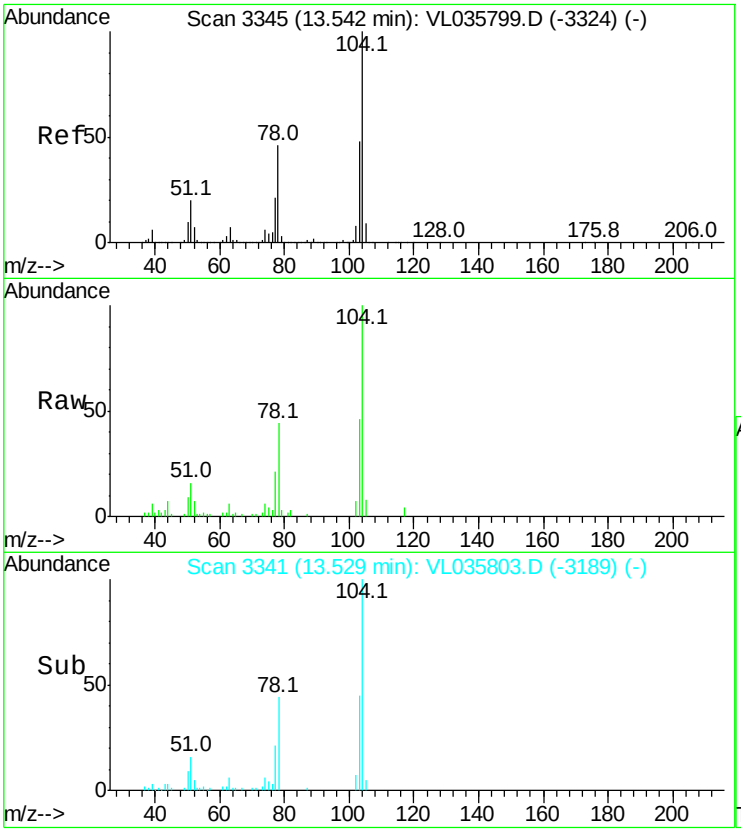


#60
o-Xylene
Concen: 0.120 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. -0.01 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Tgt Ion: 91 Resp: 59479

Ion	Ratio	Lower	Upper
91	100		
106	52.2	24.8	74.4



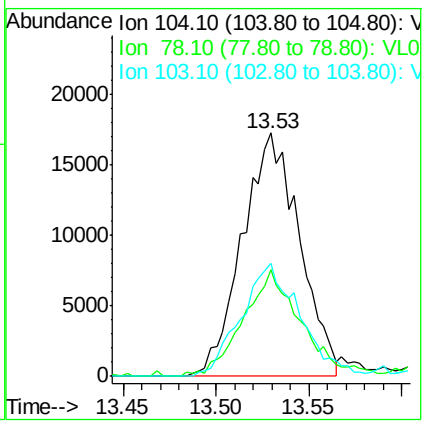


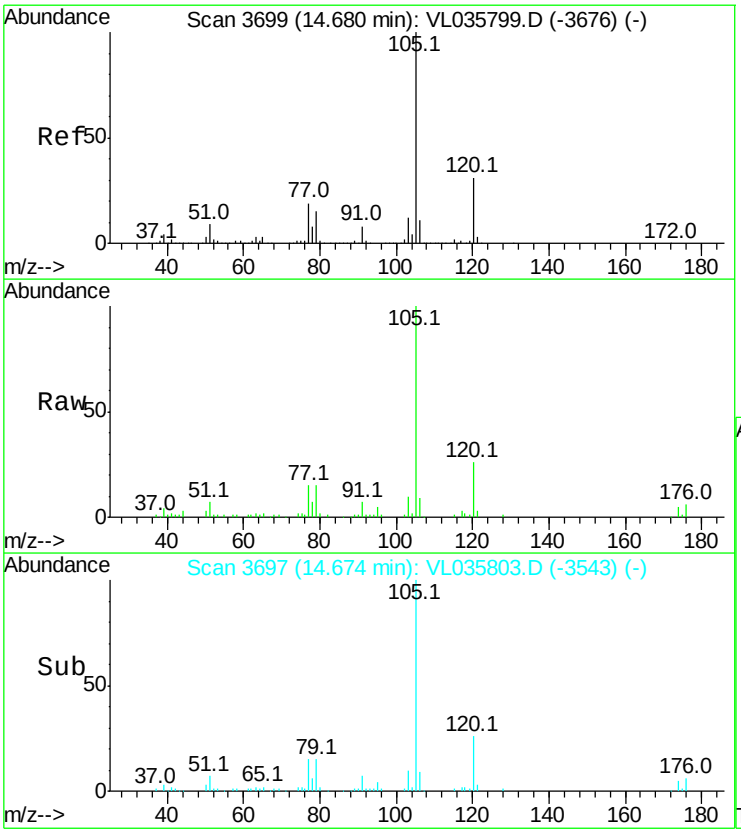
#61
Styrene
Concen: 0.108 ppbv
RT: 13.53 min Scan# 3341
Delta R.T. -0.01 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:104 Resp: 36948

Ion	Ratio	Lower	Upper
104	100		
78	46.5	37.1	55.7
103	50.0	37.9	56.9

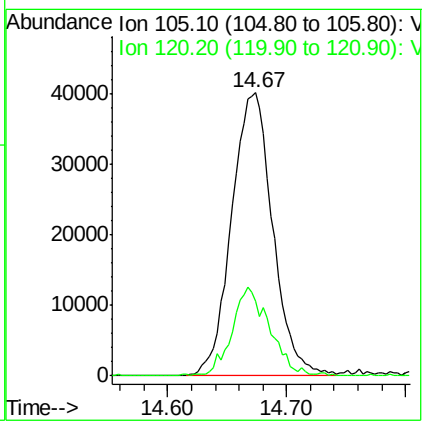


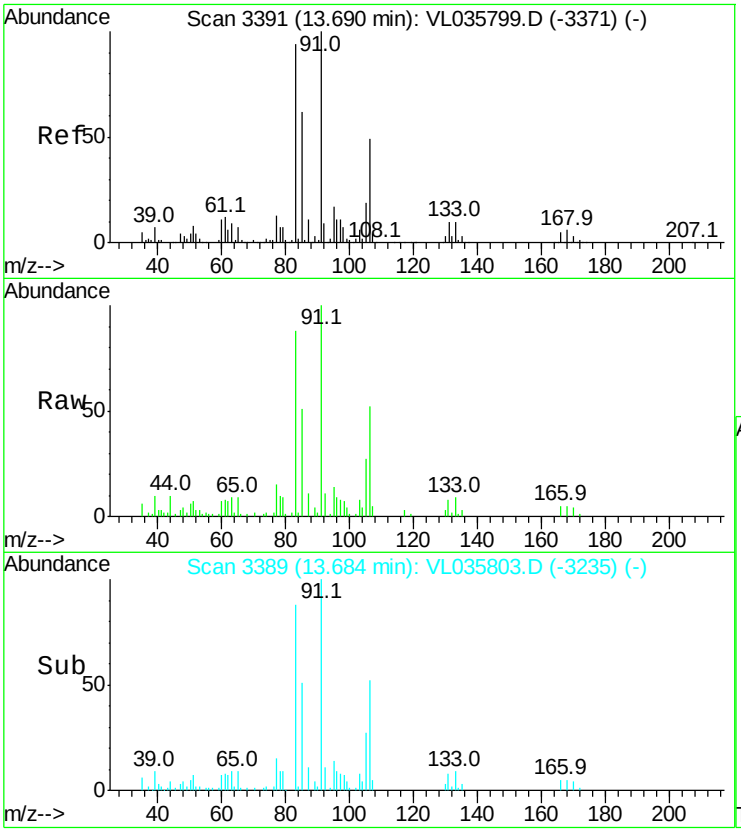


#62
Isopropylbenzene
Concen: 0.126 ppbv
RT: 14.67 min Scan# 3697
Delta R.T. -0.01 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Tgt Ion:105 Resp: 96155

Ion	Ratio	Lower	Upper
105	100		
120	29.0	23.5	35.3



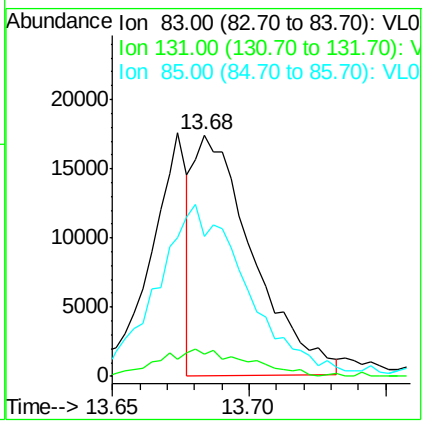


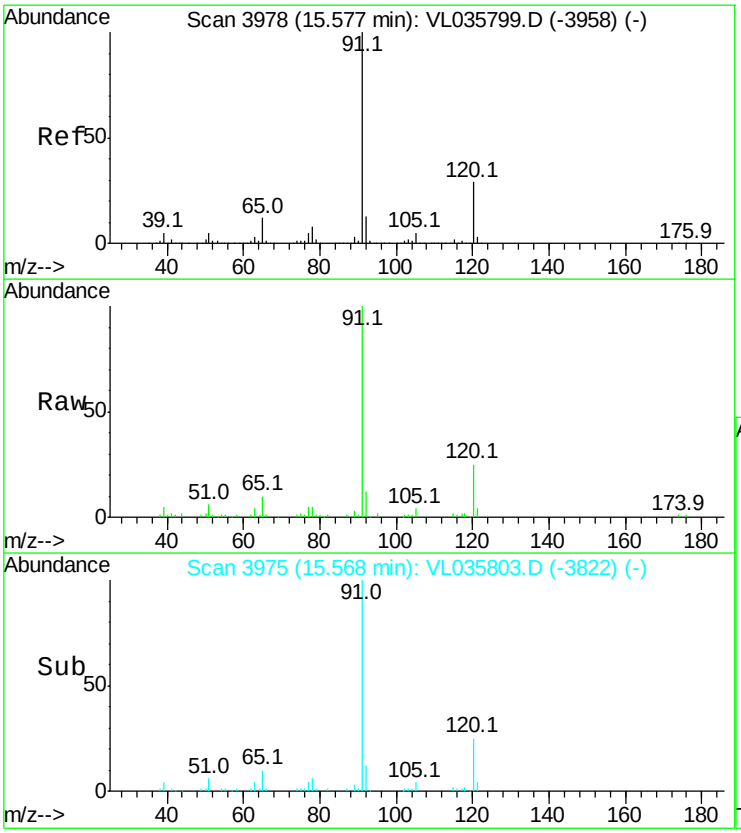
#63
1,1,2,2-Tetrachloroethane
Concen: 0.065 ppbv
RT: 13.68 min Scan# 3389
Delta R.T. -0.01 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 83 Resp: 26173

Ion	Ratio	Lower	Upper
83	100		
131	17.7	5.3	15.8#
85	114.0	33.5	100.4#

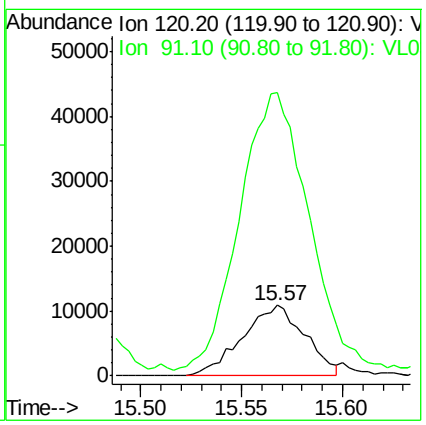


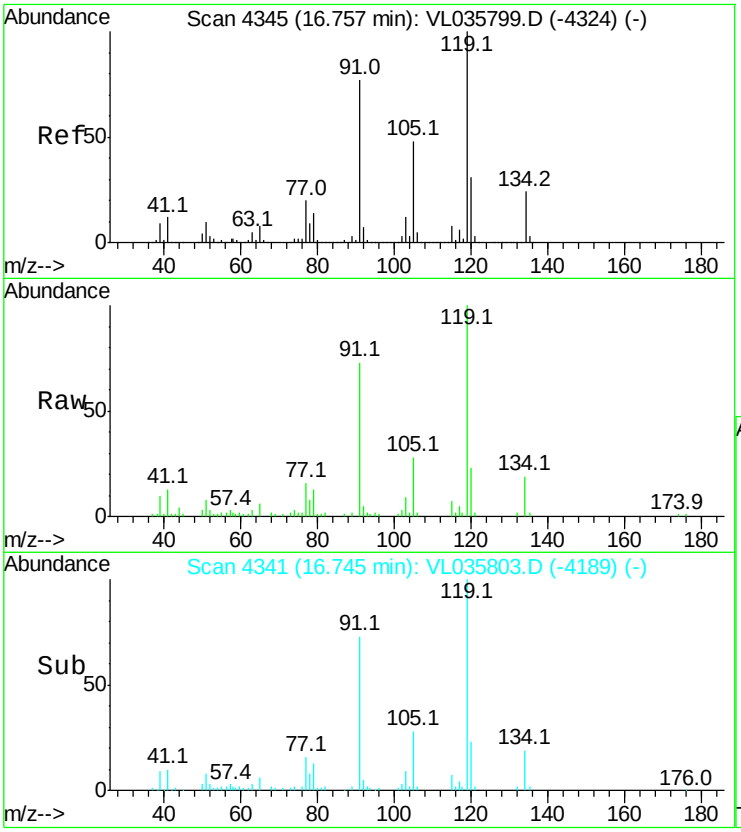


#64
n-propylbenzene
Concen: 0.105 ppbv
RT: 15.57 min Scan# 3975
Delta R.T. -0.01 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Tgt Ion:120 Resp: 23500

Ion	Ratio	Lower	Upper
120	100		
91	463.3	311.1	466.7



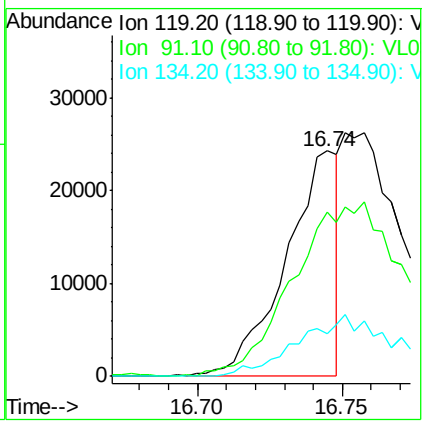


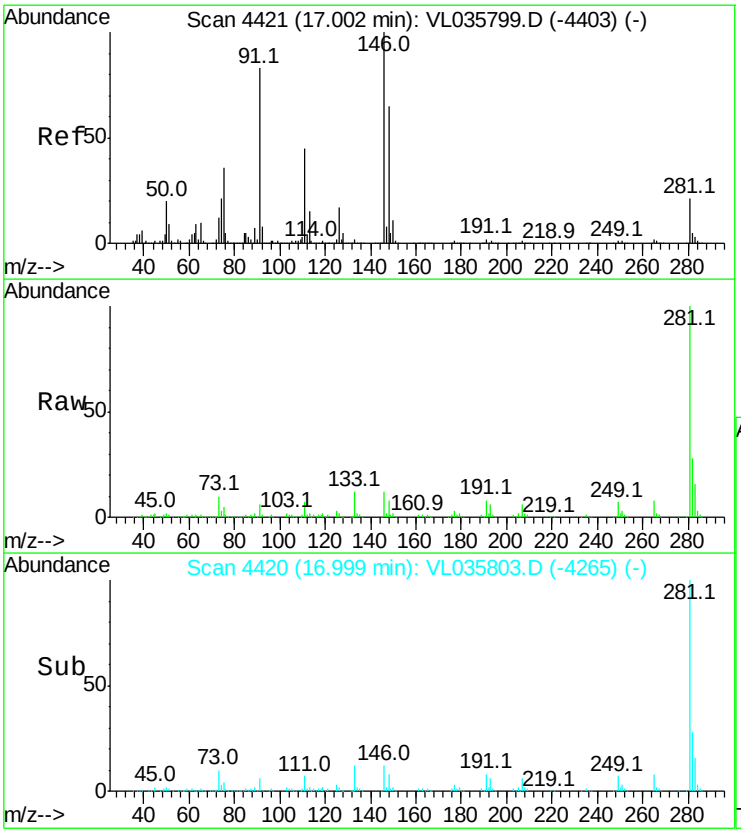
#65
tert-Butylbenzene
Concen: 0.043 ppbv
RT: 16.74 min Scan# 4341
Delta R.T. -0.01 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:119 Resp: 30235

Ion	Ratio	Lower	Upper
119	100		
91	0.0	62.0	93.0#
134	55.9	17.8	26.8#

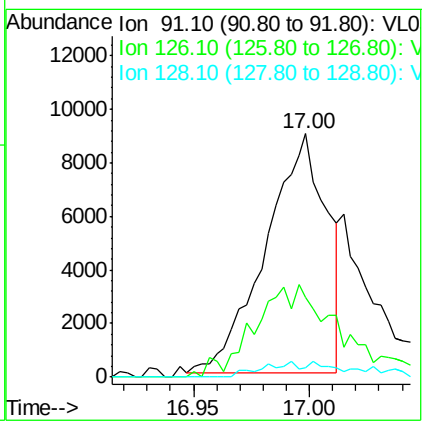


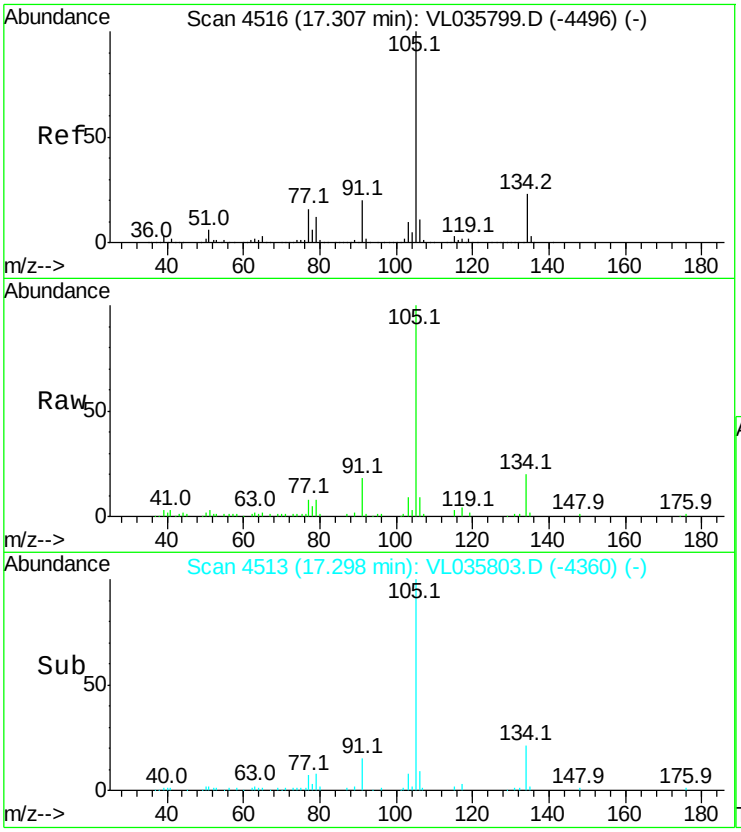


#66
Benzyl Chloride
Concen: 0.077 ppbv
RT: 17.00 min Scan# 4420
Delta R.T. -0.00 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Tgt Ion: 91 Resp: 16229

Ion	Ratio	Lower	Upper
91	100		
126	56.5	16.0	24.0#
128	9.3	5.0	7.4#



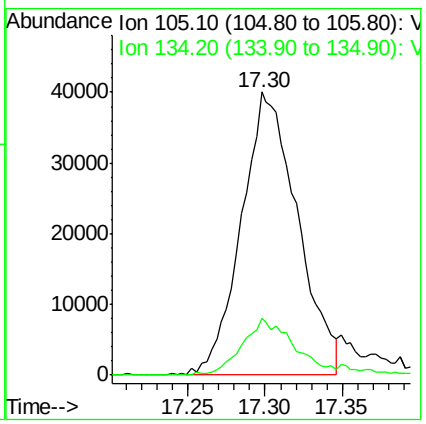


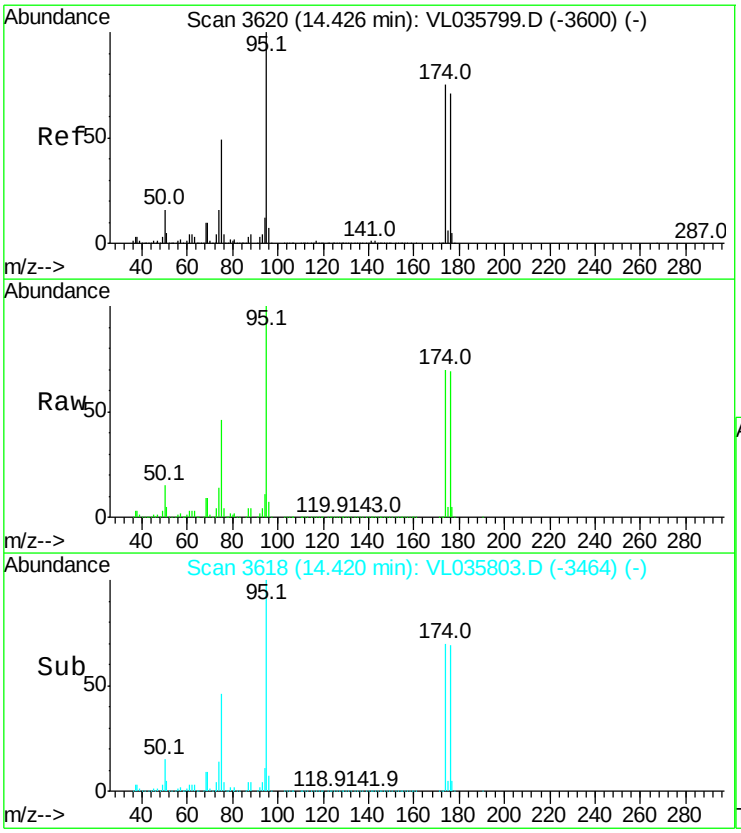
#67
sec-Butylbenzene
Concen: 0.105 ppbv
RT: 17.30 min Scan# 4513
Delta R.T. -0.01 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:105 Resp: 101120

Ion	Ratio	Lower	Upper
105	100		
134	20.3	17.0	25.6

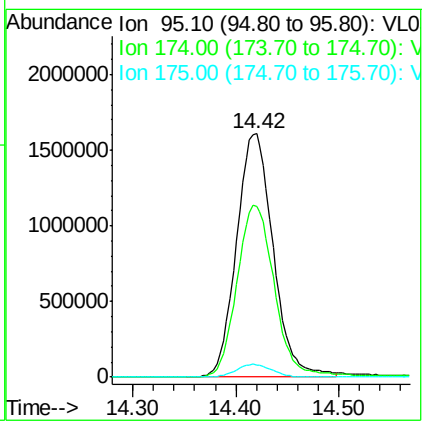


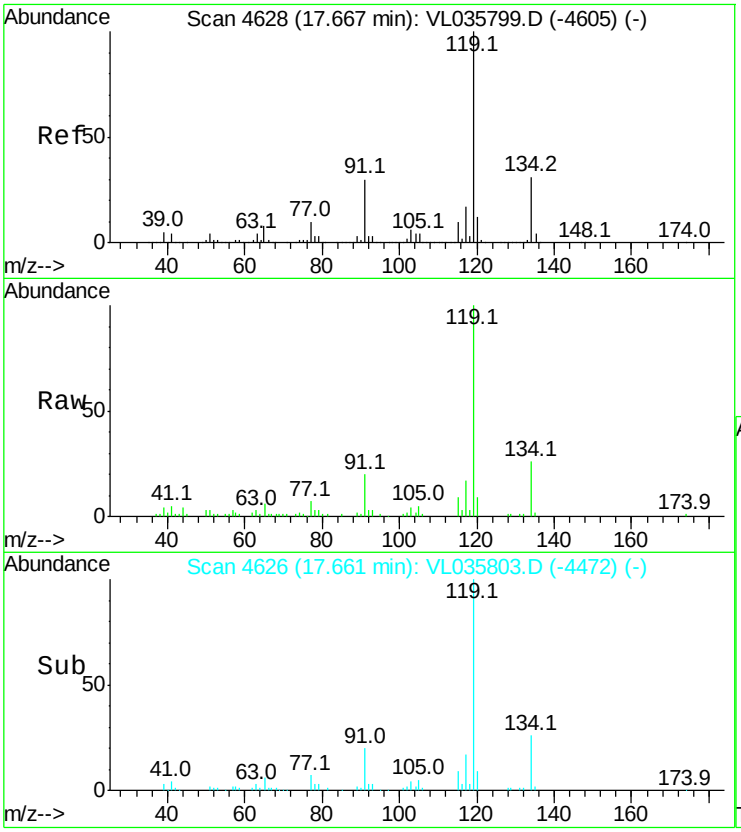


#68
1-Bromo-4-Fluorobenzene
Concen: 9.540 ppbv
RT: 14.42 min Scan# 3618
Delta R.T. -0.01 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Tgt Ion: 95 Resp: 3980006

Ion	Ratio	Lower	Upper
95	100		
174	73.5	59.8	89.6
175	5.2	4.3	6.5



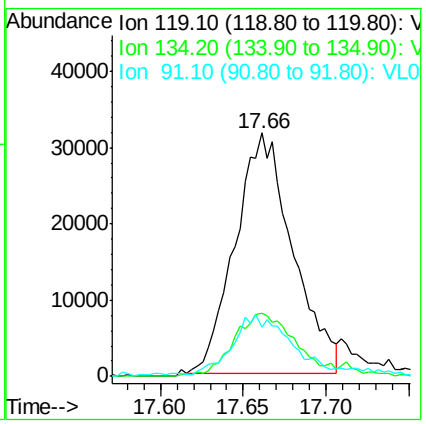


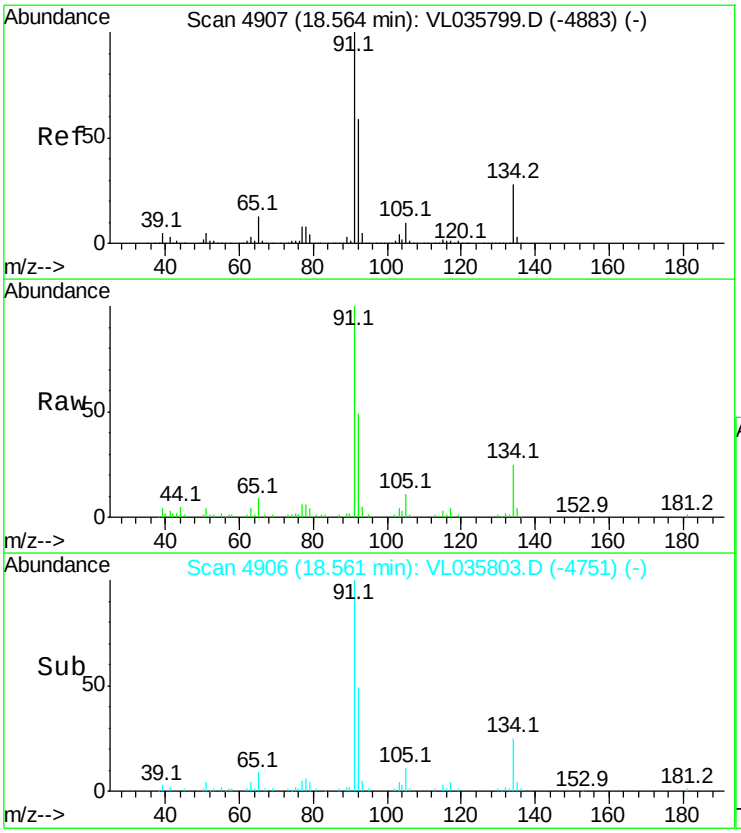
#69
p-Isopropyltoluene
Concen: 0.097 ppbv
RT: 17.66 min Scan# 4626
Delta R.T. -0.01 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:119 Resp: 76134

Ion	Ratio	Lower	Upper
119	100		
134	30.1	23.0	34.6
91	29.6	22.8	34.2

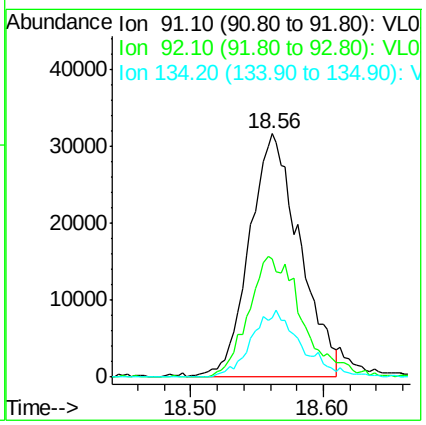


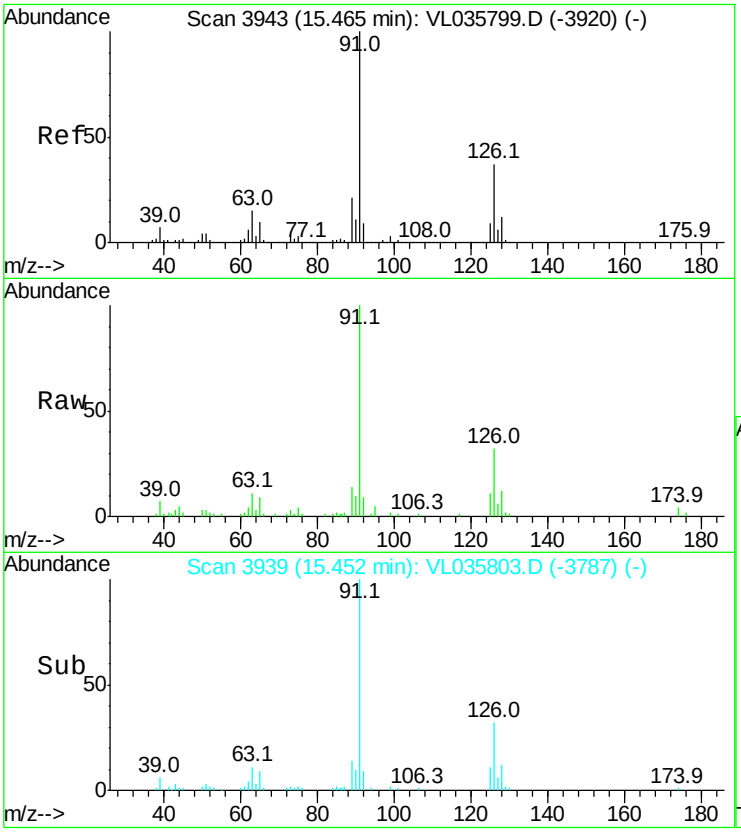


#70
n-Butylbenzene
Concen: 0.104 ppbv
RT: 18.56 min Scan# 4906
Delta R.T. -0.00 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Tgt Ion: 91 Resp: 83749

Ion	Ratio	Lower	Upper
91	100		
92	53.1	45.7	68.5
134	27.3	21.0	31.4



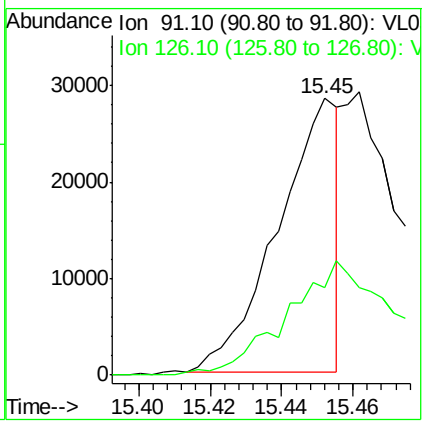


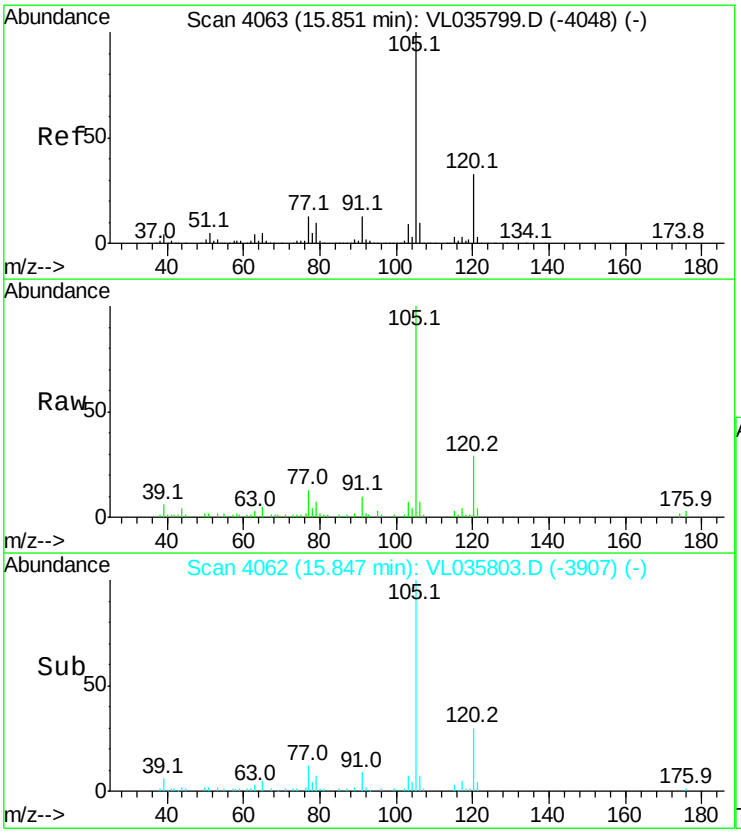
#71
2-Chlorotoluene
Concen: 0.060 ppbv
RT: 15.45 min Scan# 3939
Delta R.T. -0.01 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 91 Resp: 33243

Ion	Ratio	Lower	Upper
91	100		
126	80.1	14.3	57.1#

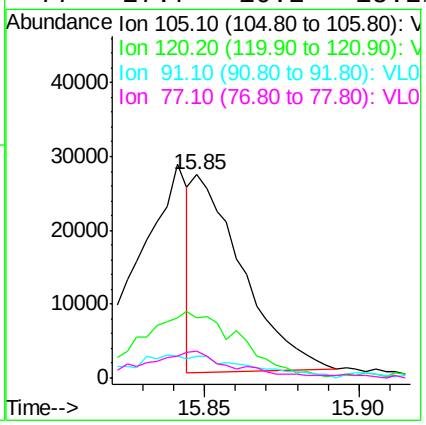


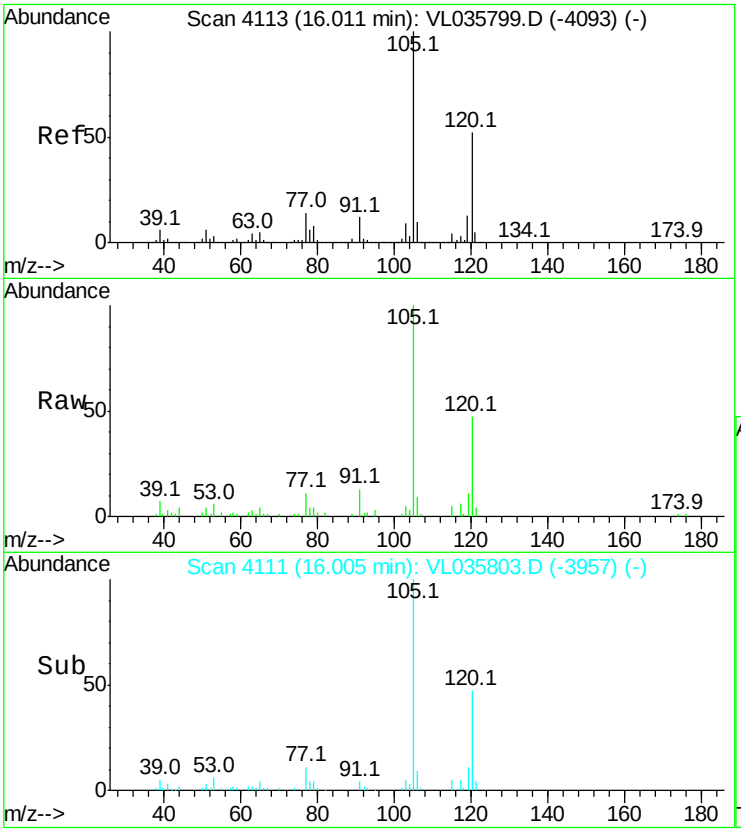


#72
4-Ethyltoluene
Concen: 0.051 ppbv
RT: 15.85 min Scan# 4062
Delta R.T. -0.00 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Tgt Ion:105 Resp: 29793

Ion	Ratio	Lower	Upper
105	100		
120	71.5	25.9	38.9#
91	0.0	9.9	14.9#
77	27.7	10.2	15.2#



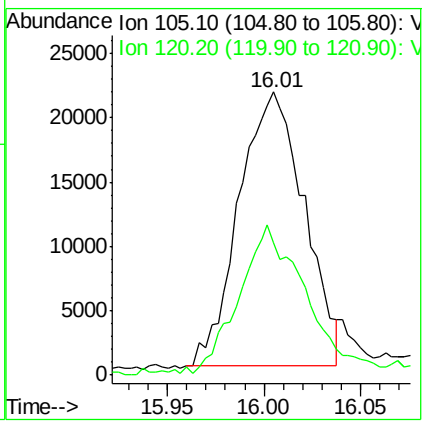


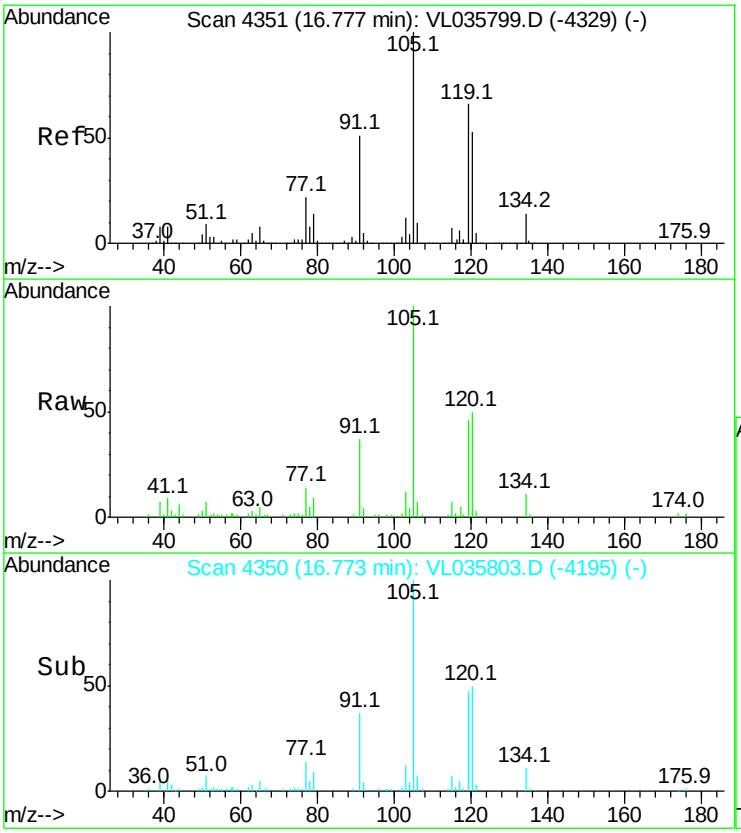
#73
1,3,5-Trimethylbenzene
Concen: 0.090 ppbv
RT: 16.01 min Scan# 4111
Delta R.T. -0.01 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:105 Resp: 49744

Ion	Ratio	Lower	Upper
105	100		
120	45.4	41.4	62.2

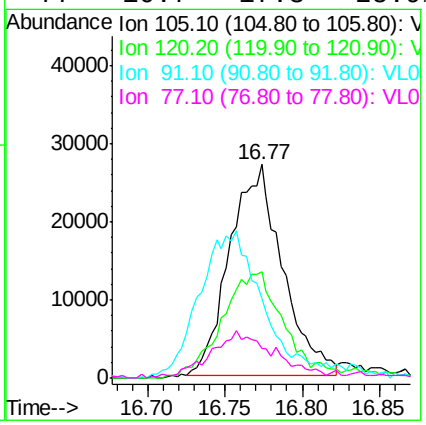


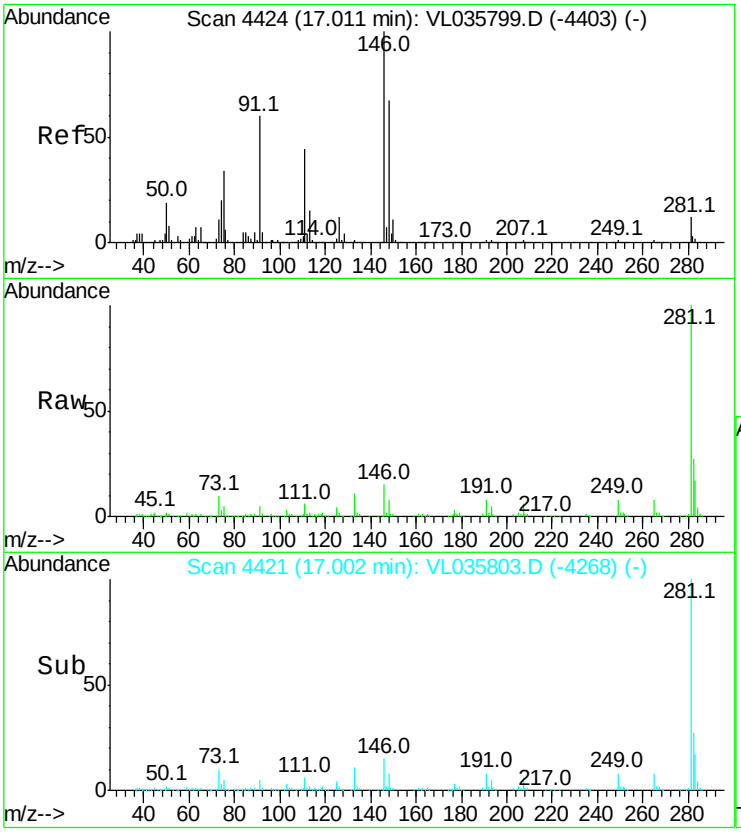


#74
1,2,4-Trimethylbenzene
Concen: 0.104 ppbv
RT: 16.77 min Scan# 4350
Delta R.T. -0.00 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Tgt Ion:105 Resp: 64560

Ion	Ratio	Lower	Upper
105	100		
120	45.7	42.0	63.0
91	30.8	41.0	61.6#
77	10.7	17.3	25.9#



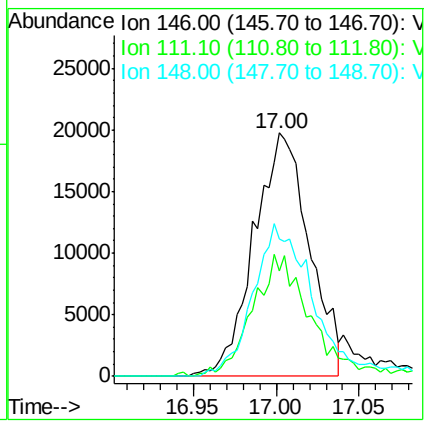


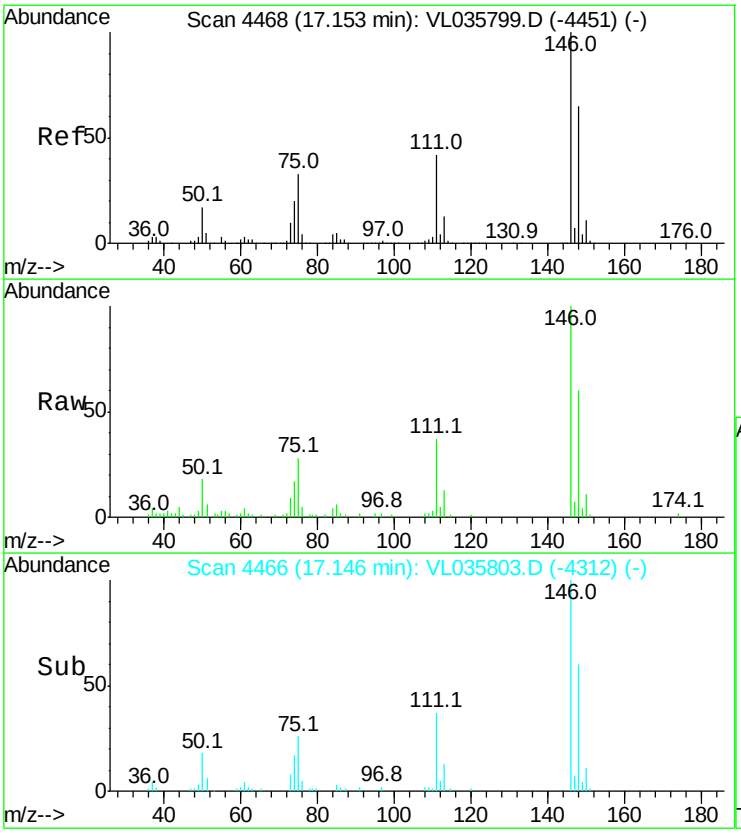
#75
1,3-Dichlorobenzene
Concen: 0.108 ppbv
RT: 17.00 min Scan# 4421
Delta R.T. -0.01 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:146 Resp: 45858

Ion	Ratio	Lower	Upper
146	100		
111	53.2	21.8	65.4
148	68.9	32.5	97.5

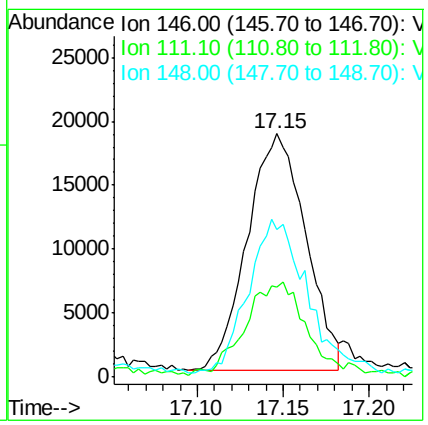


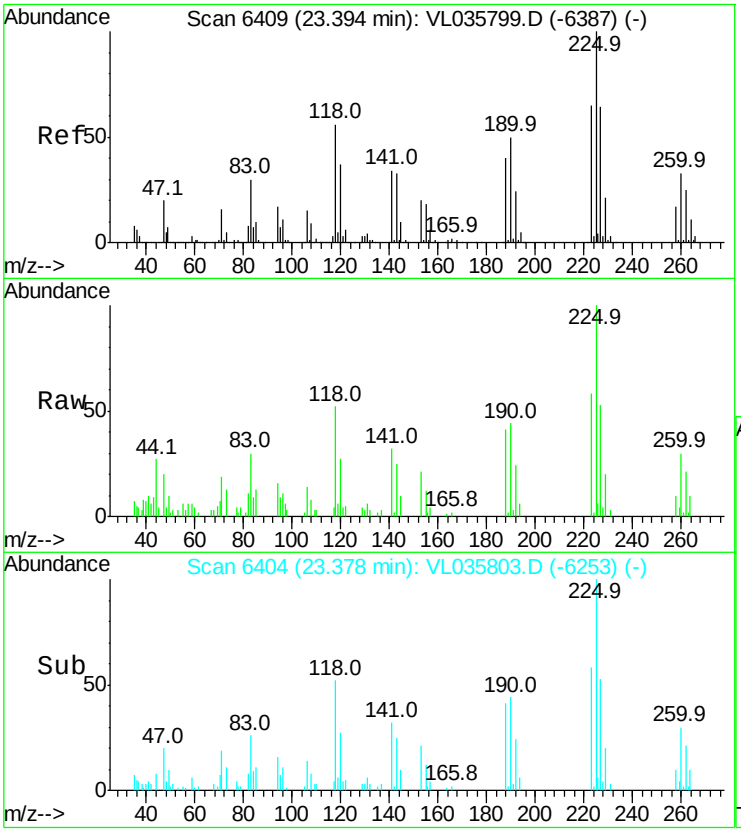


#76
1,4-Dichlorobenzene
Concen: 0.107 ppbv
RT: 17.15 min Scan# 4466
Delta R.T. -0.01 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Tgt Ion:146 Resp: 43450

Ion	Ratio	Lower	Upper
146	100		
111	46.2	21.3	63.7
148	73.8	33.0	99.0



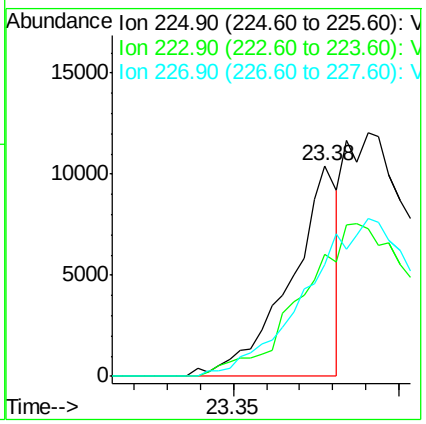


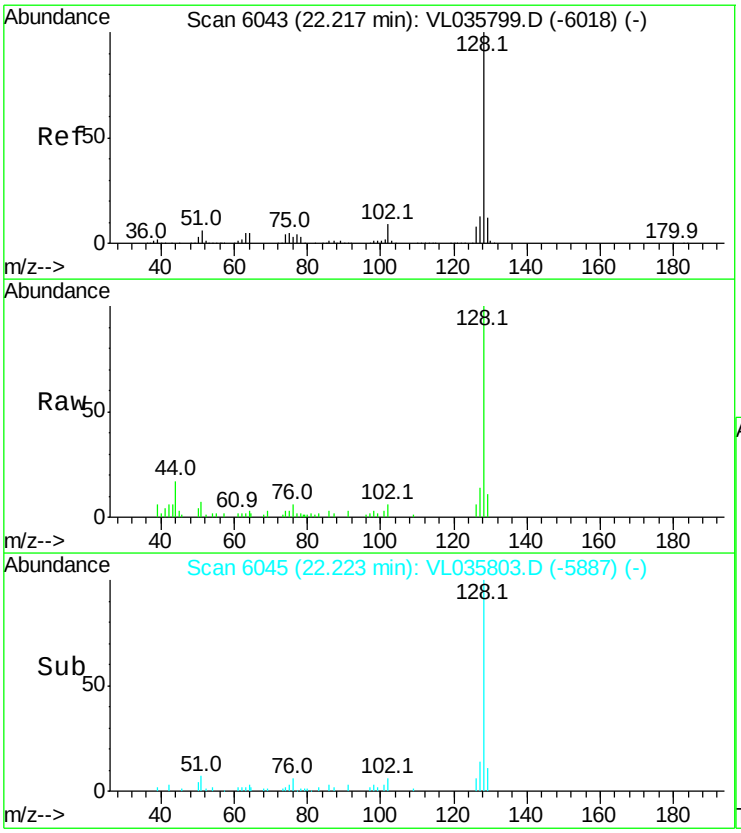
#78
Hexachloro-1,3-Butadiene
Concen: 0.047 ppbv
RT: 23.38 min Scan# 6404
Delta R.T. -0.02 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:225 Resp: 10364

Ion	Ratio	Lower	Upper
225	100		
223	0.0	51.0	76.6#
227	0.0	51.2	76.8#

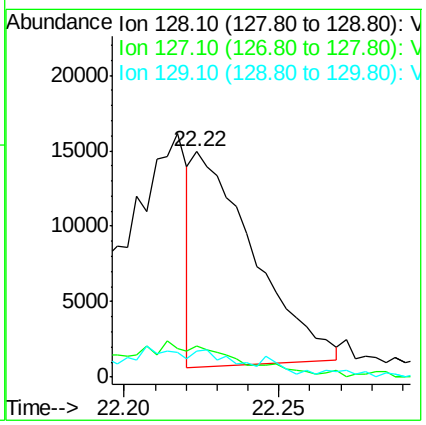


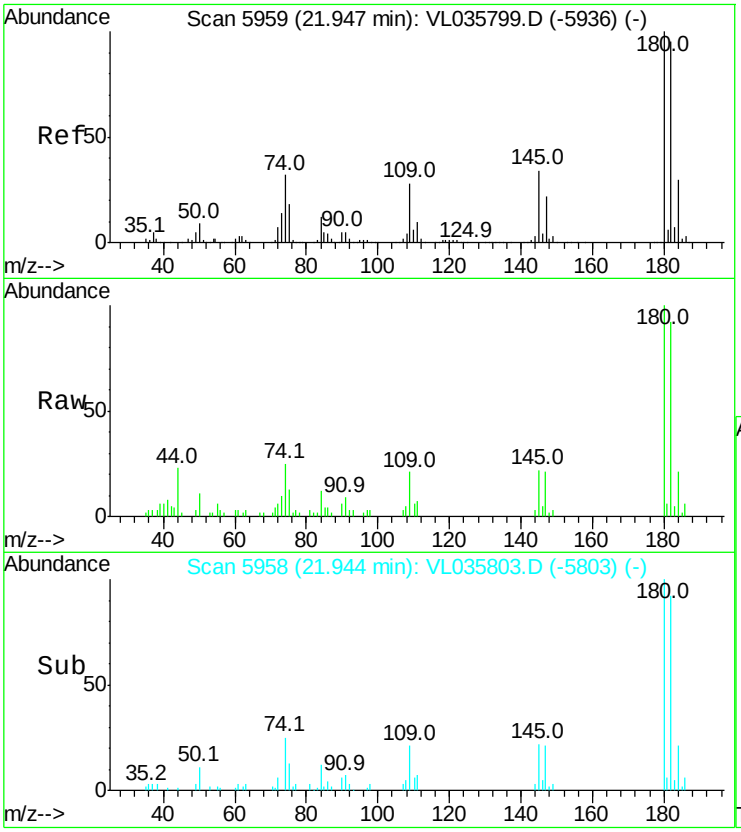


#79
Naphthalene
Concen: 0.033 ppbv
RT: 22.22 min Scan# 6045
Delta R.T. 0.01 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Tgt Ion:128 Resp: 19374

Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.2	15.4
129	10.3	9.2	13.8





#81
1,2,4-Trichlorobenzene
Concen: 0.057 ppbv
RT: 21.94 min Scan# 5958
Delta R.T. -0.00 min
Lab File: VL035803.D
Acq: 3 Nov 2020 13:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:180 Resp: 17442

Ion	Ratio	Lower	Upper
180	100		
182	166.1	77.2	115.8#
184	50.3	24.7	37.1#