Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV021920\

Quantitation Report (Not Reviewed)

Data File : VV014606.D
Acq On : 19 Feb 2020 14:55
Operator : SY/MD
Sample : VSTD0.531
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD0.5701

Quant Time: Feb 20 01:53:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR021920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Feb 20 01:51:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	348695	5.00	ug/L		0.00
28) Chlorobenzene-d5	8.89	117	315951	5.00	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	152950	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.31	65	6467	0.32	ug/L		0.00
7) Chloroethane-d5	1.58	69	5145	0.32	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.12	63	11705	0.37	ug/L		0.00
20) 2-Butanone-d5	4.15	46	189	0.04	ug/L		0.22
24) Chloroform-d	4.39	84	13373	0.31	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.08	65	9486	0.44	ug/L		0.00
32) Benzene-d6	5.09	84	38730	0.42	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.11	67	11379	0.41	ug/L		0.00
41) Toluene-d8	7.35	98	37397	0.45	ug/L		0.00
43) trans-1,3-Dichloropropene-	7.67	79	4282	0.37	ug/L		0.00
46) 2-Hexanone-d5	8.15	63	15050	3.48	ug/L		0.02
56) 1,1,2,2-Tetrachloroethane-	10.25	84	8254	0.43	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	11.67	152	13554	0.49	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.13	85	17489	0.613	ug/L		98
3) Chloromethane	1.25	50	7778	0.325	ug/L		96
5) Vinyl chloride	1.32	62	7270	0.324	ug/L		93
6) Bromomethane	1.53	94	4481	0.355	ug/L		95
8) Chloroethane	1.60	64	4512	0.387	ug/L		98
9) Trichlorofluoromethane	1.77	101	15681	0.529	ug/L		100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	6656	0.435	ug/L		93
12) 1,1-Dichloroethene	2.13	96	6267	0.442	ug/L		94
13) Acetone	2.21	43	6336	1.958	ug/L		99
14) Carbon disulfide	2.31	76	33003	0.466	ug/L		97
15) Methyl Acetate	2.47	43	3038	0.433	ug/L		100
16) Methylene chloride	2.53	84	14958	0.512	ug/L		96
17) Methyl tert-butyl Ether	2.80	73	25024	0.488	ug/L	#	95
18) trans-1,2-Dichloroethene	2.78	96	12740	0.542	ug/L		99
19) 1,1-Dichloroethane	3.22	63	19994	0.467	ug/L		98
21) 2-Butanone	4.05	43	10368	2.040	ug/L	#	69
22) cis-1,2-Dichloroethene	3.95	96	13302	0.536	ug/L		90
23) Bromochloromethane	4.29	128	5221	0.545	ug/L		96
25) Chloroform	4.41	83	30646	0.686	ug/L		92
27) 1,2-Dichloroethane	5.17	62	10775	0.449	ug/L	#	87
29) 1,1,1-Trichloroethane	4.65	97	20104	0.546	ug/L		97
30) Cyclohexane	4.72	56	18870	0.440	ug/L		98
31) Carbon tetrachloride	4.87	117	16639	0.520	ug/L		99
33) Benzene	5.14	78	44811	0.476	ug/L		100
34) Trichloroethene	5.96	95	12947	0.524	ug/L		89
35) Methylcyclohexane	6.17	83	22052	0.510	ug/L		98
37) 1,2-Dichloropropane	6.22	63	11283	0.500	ug/L	#	95
38) Bromodichloromethane	6.55	83	14717	0.502	ug/L		98
39) cis-1,3-Dichloropropene	7.06	75	14834	0.412	ug/L		99
40) 4-Methyl-2-pentanone	7.28	43	47291	3.598	ug/L		97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV021920\

Quantitation Report (Not Reviewed)

Data File : VV014606.D
Acq On : 19 Feb 2020 14:55
Operator : SY/MD
Sample : VSTD0.531
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD0.5701

Quant Time: Feb 20 01:53:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR021920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Feb 20 01:51:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	7.42	91	48306	0.478	ug/L		99
44) trans-1,3-Dichloropropene	7.69	75	12593	0.453	ug/L		99
45) 1,1,2-Trichloroethane	7.87	97	7681	0.518	ug/L		95
47) Tetrachloroethene	8.01	164	9745	0.555	ug/L		87
48) 2-Hexanone	8.19	43	31745	3.525	ug/L		94
49) Dibromochloromethane	8.28	129	9632	0.520	ug/L		90
50) 1,2-Dibromoethane	8.39	107	6863	0.498	ug/L		94
51) Chlorobenzene	8.92	112	32341	0.518	ug/L		96
52) Ethylbenzene	9.05	91	54712	0.482	ug/L		98
53) m,p-xylene	9.18	106	20896	0.494	ug/L		99
54) o-xylene	9.58	106	19831	0.485	ug/L		99
55) Styrene	9.60	104	31637	0.467	ug/L		97
57) 1,1,2,2-Tetrachloroethane	10.28	83	8491	0.472	ug/L		99
59) Bromoform	9.77	173	4661	0.495	ug/L	#	99
60) Isopropylbenzene	9.97	105	53195	0.476	ug/L		98
61) 1,2,3-Trichloropropane	10.31	75	6137	0.460	ug/L		98
62) 1,3,5-Trimethylbenzene	10.58	105	43061	0.458	ug/L		100
63) 1,2,4-Trimethylbenzene	10.95	105	42164	0.451	ug/L		99
64) 1,3-Dichlorobenzene	11.22	146	26581	0.562	ug/L		99
65) 1,4-Dichlorobenzene	11.31	146	25418	0.529	ug/L		99
67) 1,2-Dichlorobenzene	11.68	146	22289	0.527	ug/L		97
68) 1,2-Dibromo-3-chloropropan	12.48	75	1564	0.465	ug/L	#	78
69) 1,3,5-Trichlorobenzene	12.69	180	18769	0.539	ug/L		99
70) 1,2,4-trichlorobenzene	13.31	180	14636	0.498	ug/L		93
71) Naphthalene	13.55	128	23491	0.440	ug/L		98
72) 1,2,3-Trichlorobenzene	13.79	180	12837	0.505	ug/L		93

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

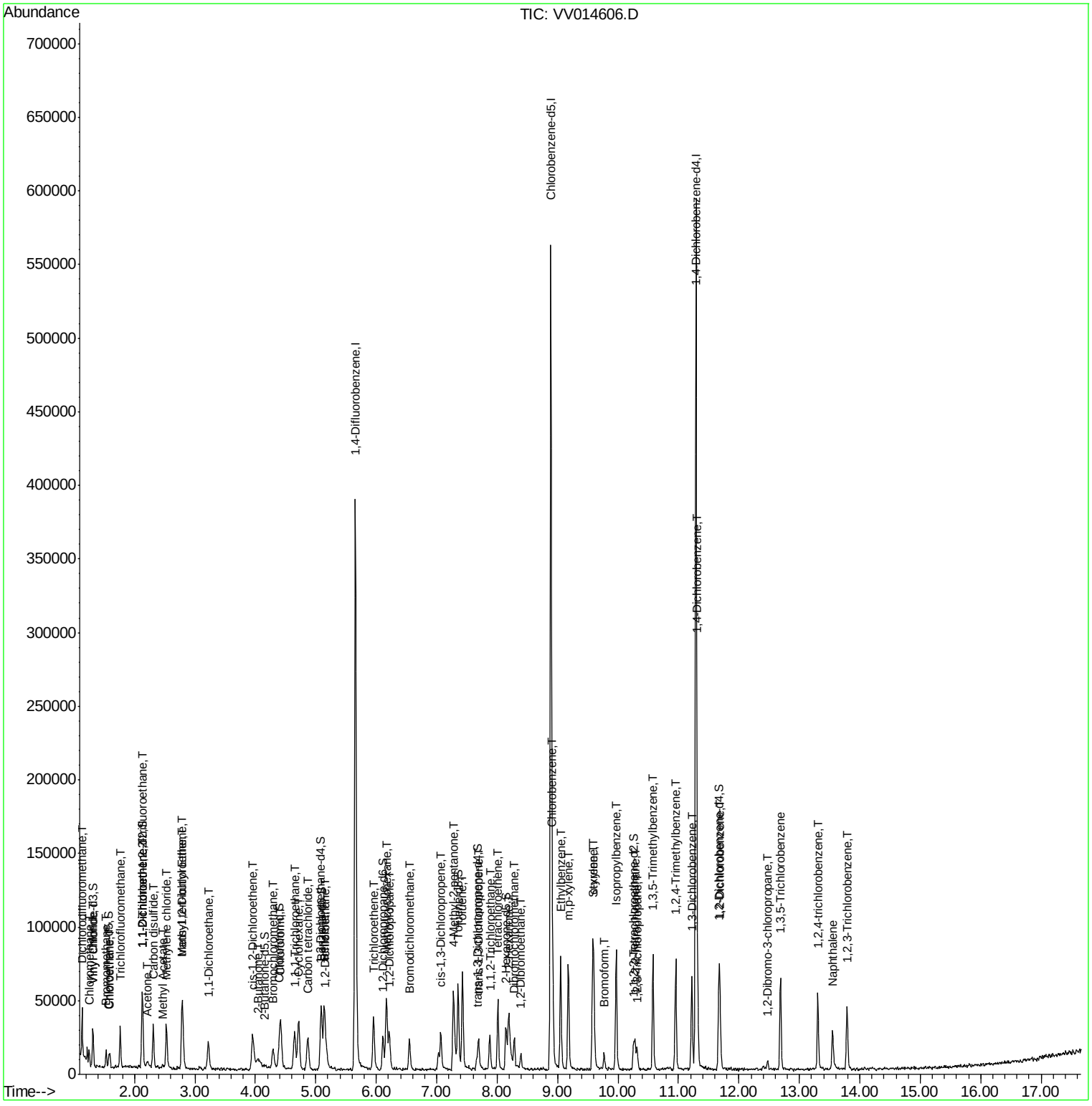
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV021920\

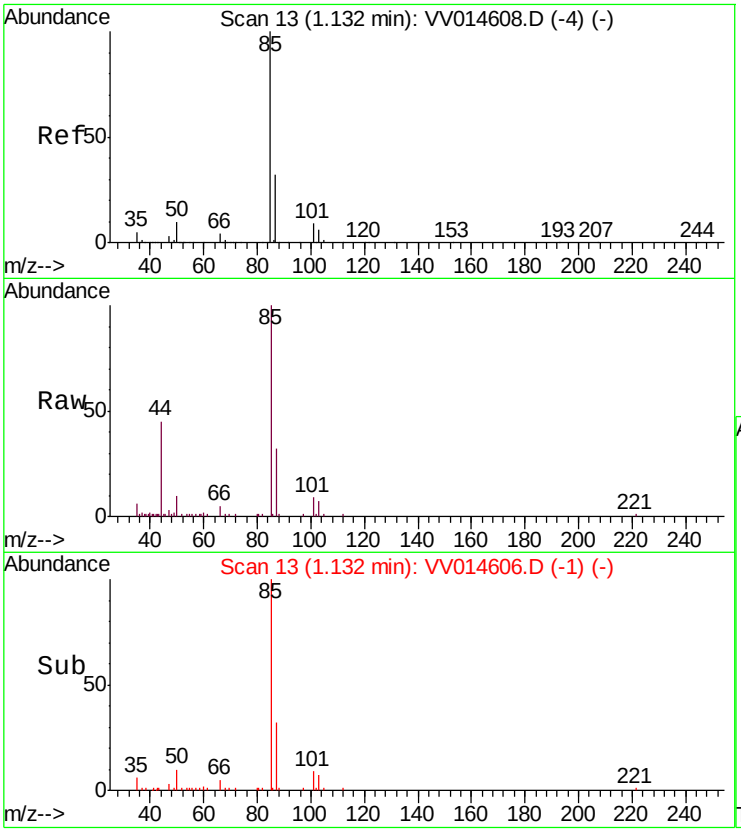
Quantitation Report (Not Reviewed)

Data File : VV014606.D
Acq On : 19 Feb 2020 14:55
Operator : SY/MD
Sample : VSTD0.531
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD0.5701

Quant Time: Feb 20 01:53:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR021920WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Feb 20 01:51:06 2020
Response via : Initial Calibration



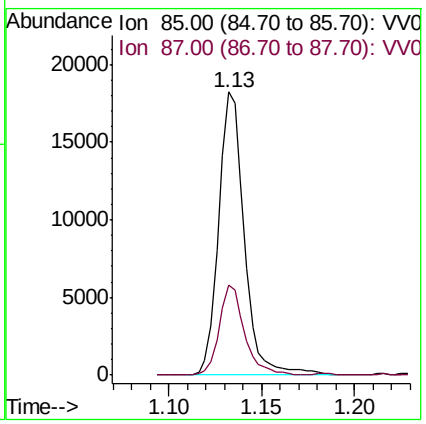


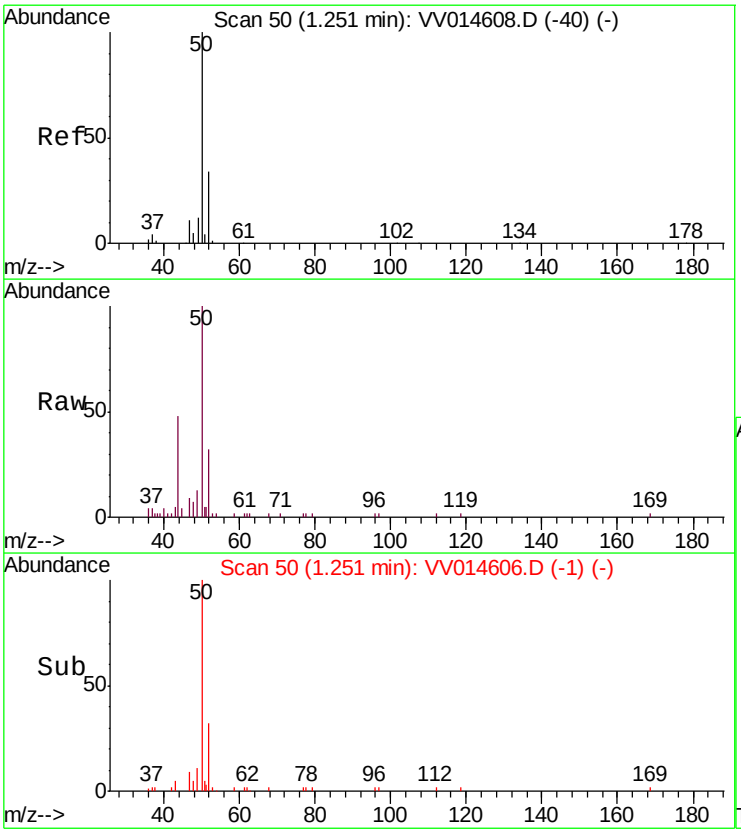
#2
Dichlorodifluoromethane
Concen: 0.613 ug/L
RT: 1.13 min Scan# 13
Delta R.T. 0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Instrument : MSVOA_V
ClientSampleId : VSTD0.5701

Tgt Ion: 85 Resp: 17489

Ion	Ratio	Lower	Upper
85	100		
87	31.2	25.7	38.5

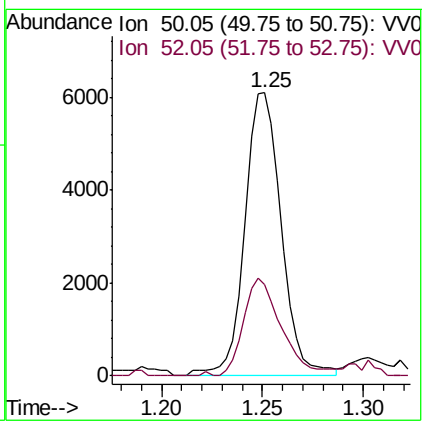


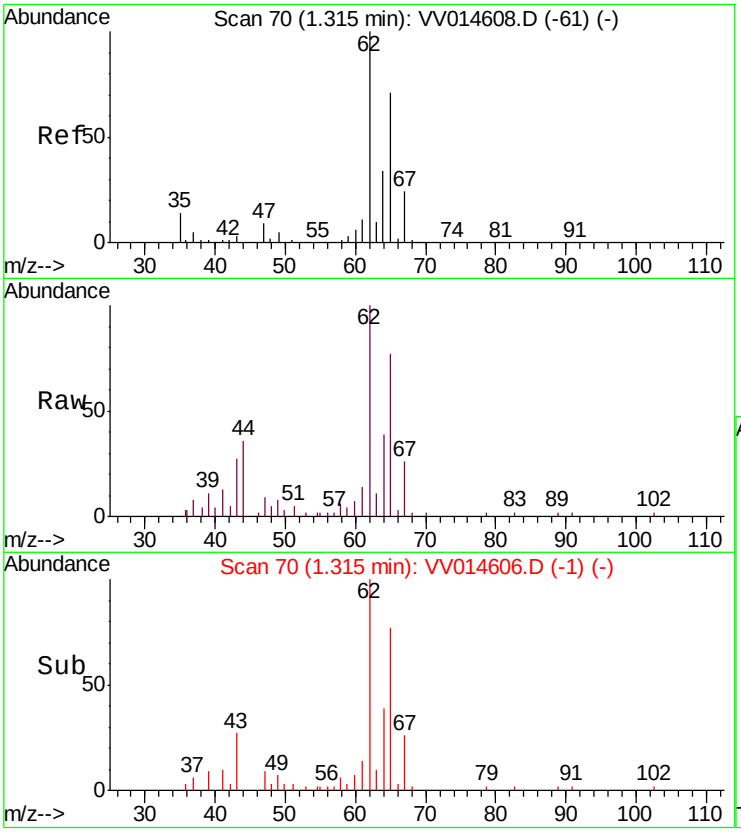


#3
Chloromethane
Concen: 0.325 ug/L
RT: 1.25 min Scan# 50
Delta R.T. 0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Tgt Ion: 50 Resp: 7778

Ion	Ratio	Lower	Upper
50	100		
52	32.2	24.2	45.0



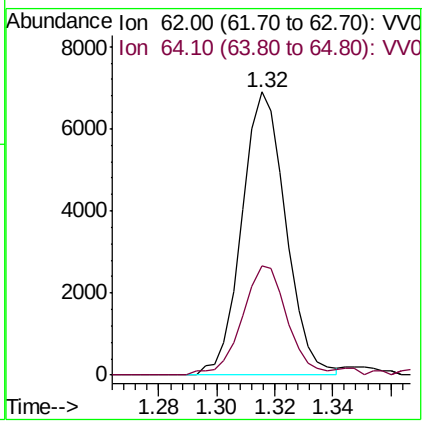


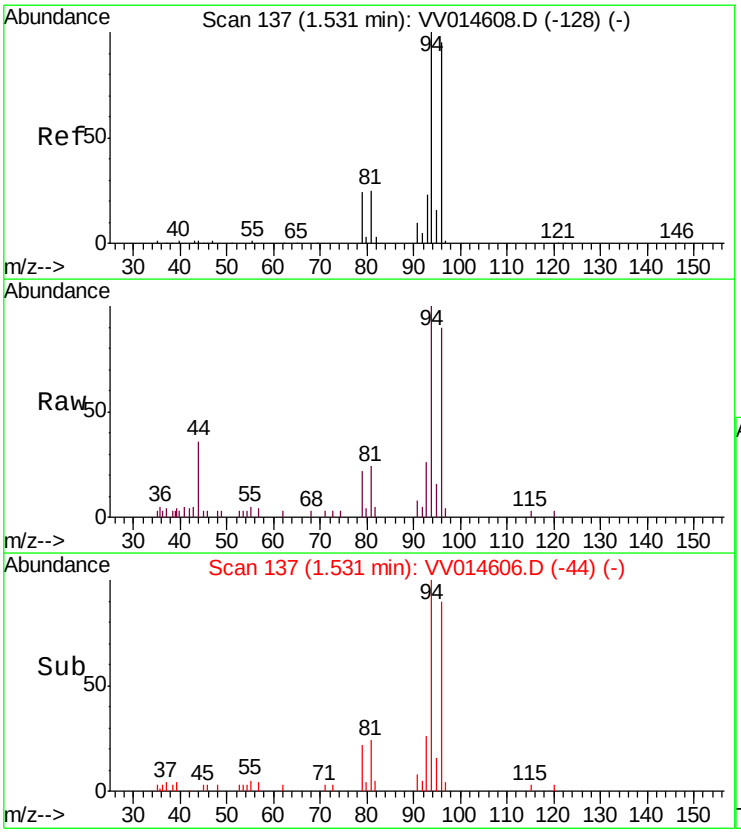
#5
Vinyl chloride
Concen: 0.324 ug/L
RT: 1.32 min Scan# 70
Delta R.T. 0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5701

Tgt Ion: 62 Resp: 7270

Ion	Ratio	Lower	Upper
62	100		
64	38.8	24.3	45.1

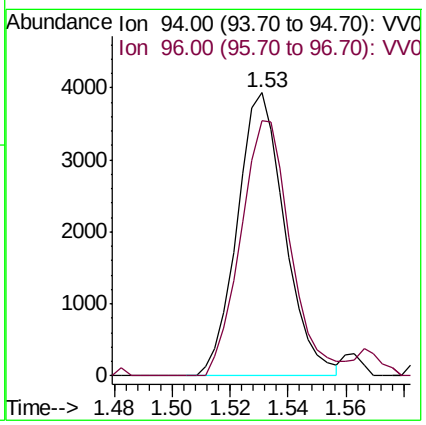


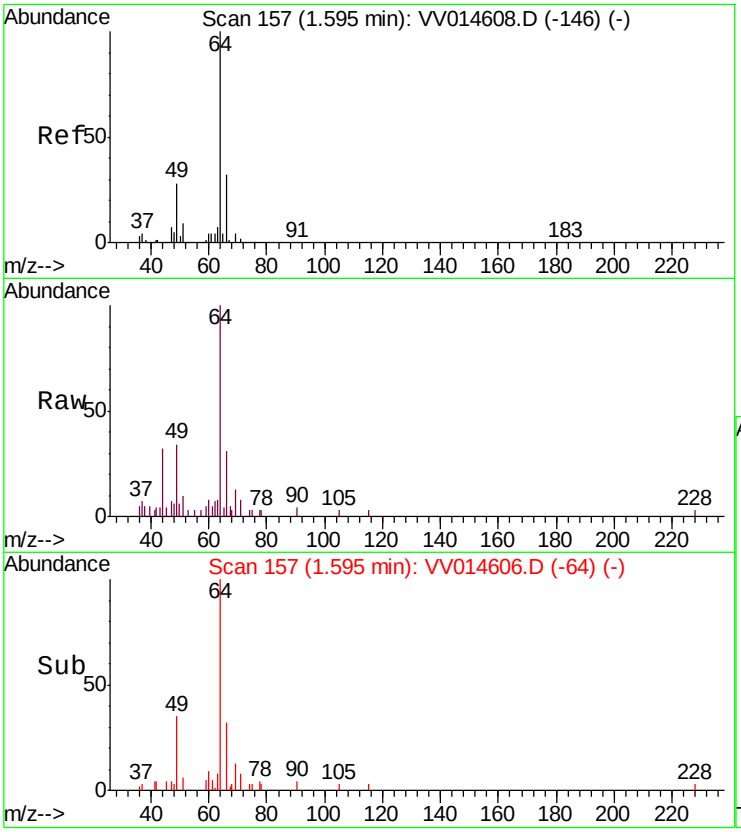


#6
Bromomethane
Concen: 0.355 ug/L
RT: 1.53 min Scan# 137
Delta R.T. 0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Tgt Ion: 94 Resp: 4481

Ion	Ratio	Lower	Upper
94	100		
96	90.4	66.4	123.2



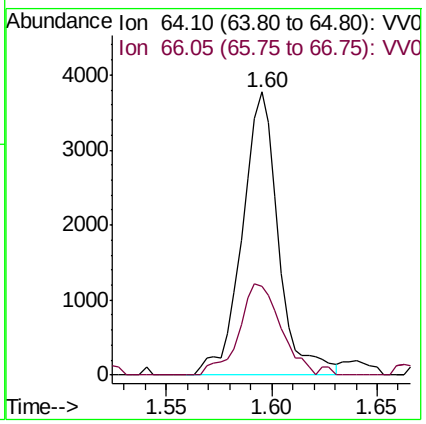


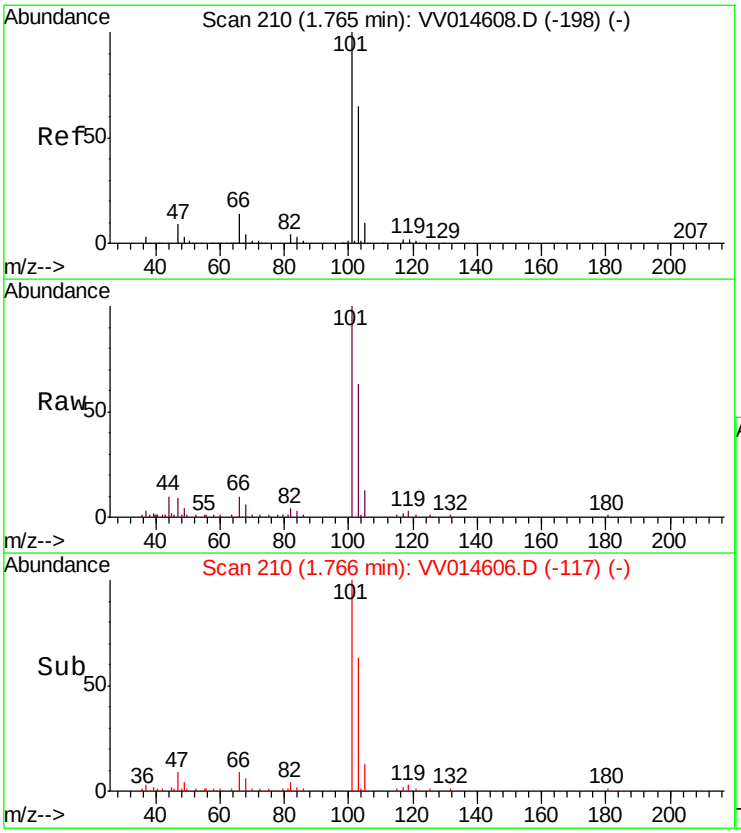
#8
Chloroethane
Concen: 0.387 ug/L
RT: 1.60 min Scan# 157
Delta R.T. 0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5701

Tgt Ion: 64 Resp: 4512

Ion	Ratio	Lower	Upper
64	100		
66	31.4	22.7	42.3

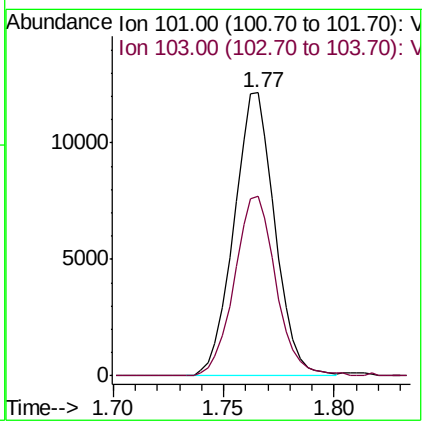


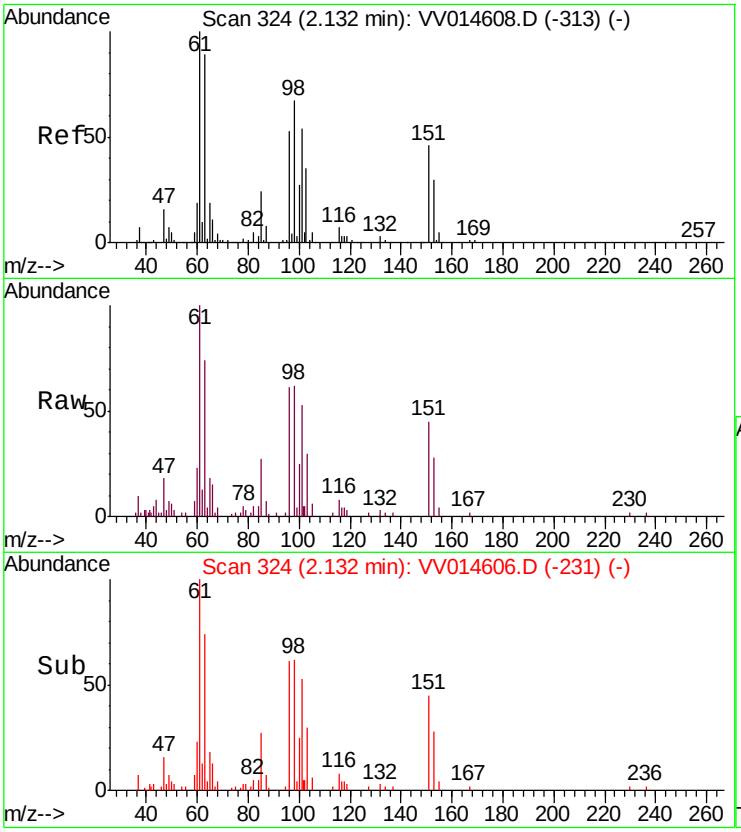


#9
Trichlorofluoromethane
Concen: 0.529 ug/L
RT: 1.77 min Scan# 210
Delta R.T. 0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Tgt Ion:101 Resp: 15681

Ion	Ratio	Lower	Upper
101	100		
103	64.5	51.4	77.2



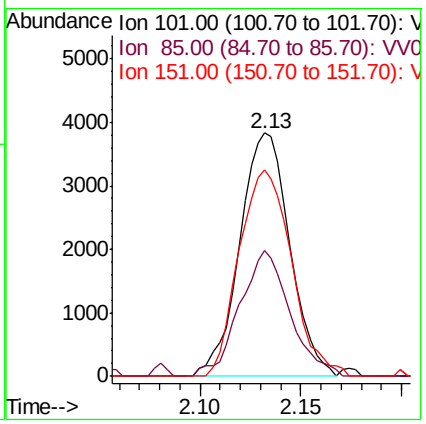


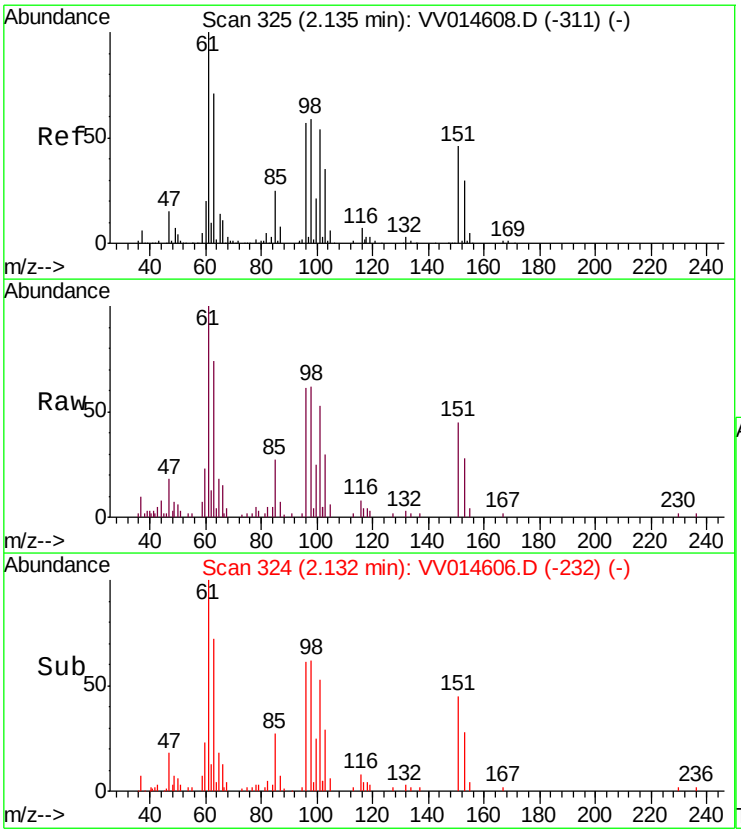
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.435 ug/L
RT: 2.13 min Scan# 324
Delta R.T. 0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5701

Tgt Ion:101 Resp: 6656

Ion	Ratio	Lower	Upper
101	100		
85	51.9	37.3	55.9
151	88.8	66.3	99.5

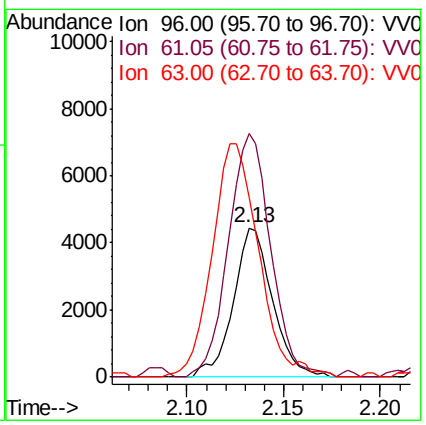


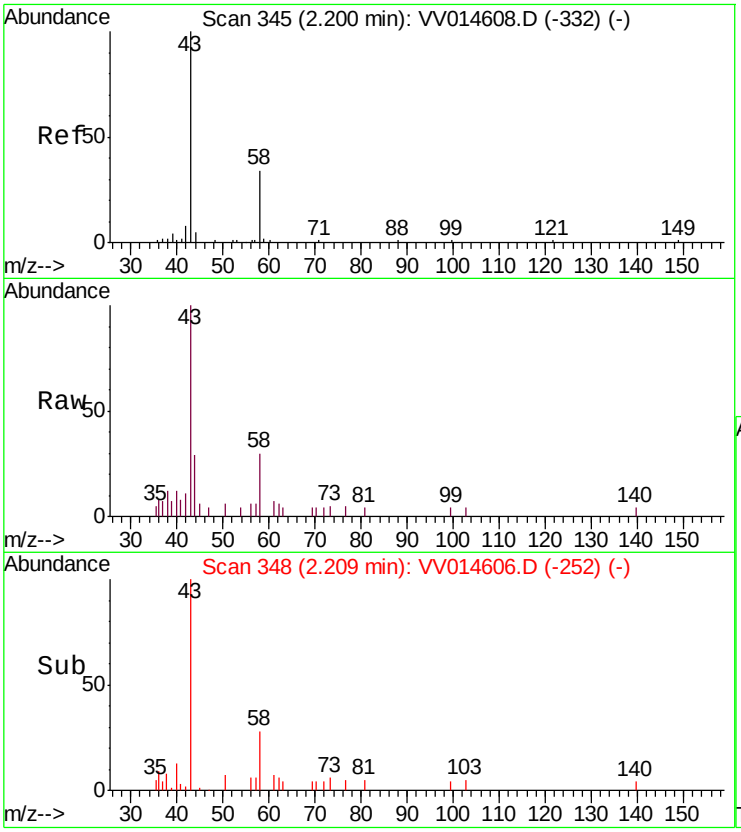


#12
1,1-Dichloroethene
Concen: 0.442 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Tgt Ion: 96 Resp: 6267

Ion	Ratio	Lower	Upper
96	100		
61	162.8	122.4	227.2
63	120.2	86.9	161.5



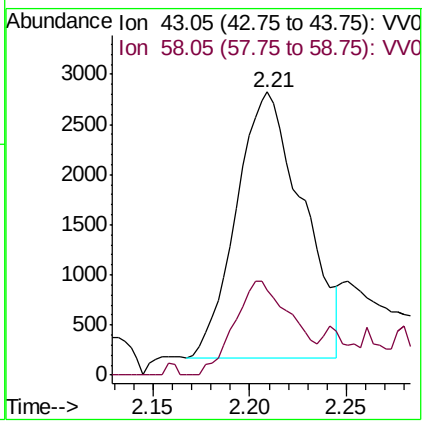


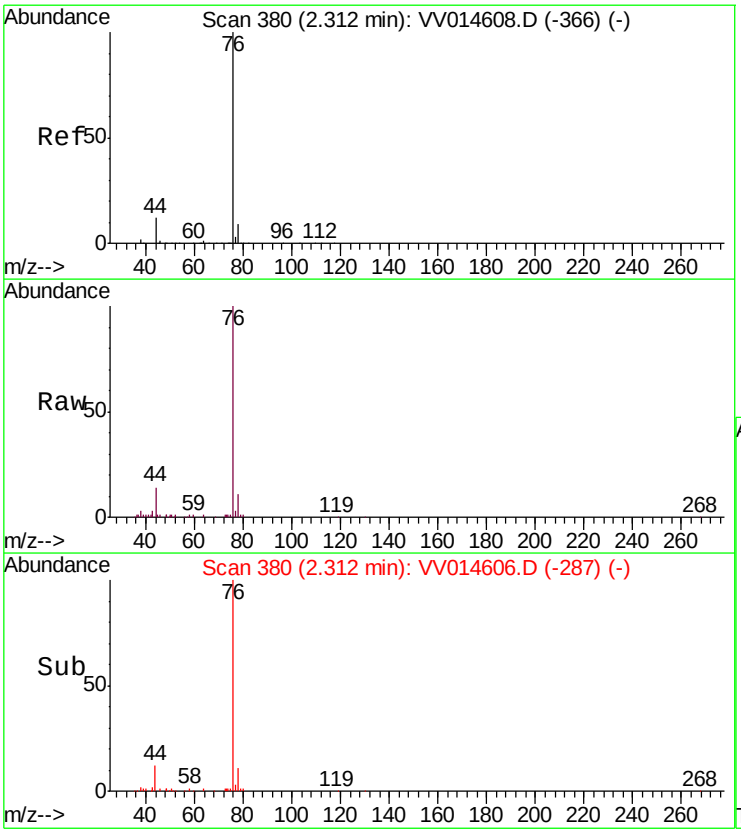
#13
Acetone
Concen: 1.958 ug/L
RT: 2.21 min Scan# 348
Delta R.T. 0.01 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Instrument : MSVOA_V
ClientSampleId : VSTD0.5701

Tgt Ion: 43 Resp: 6336

Ion	Ratio	Lower	Upper
43	100		
58	31.2	0.0	61.8

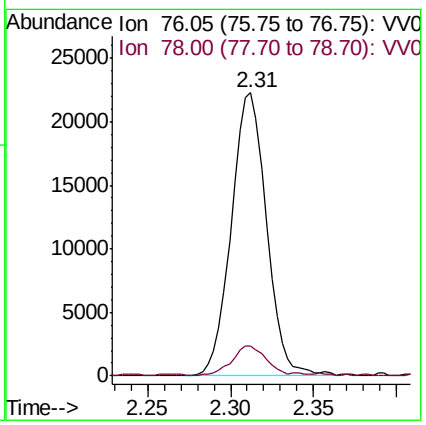


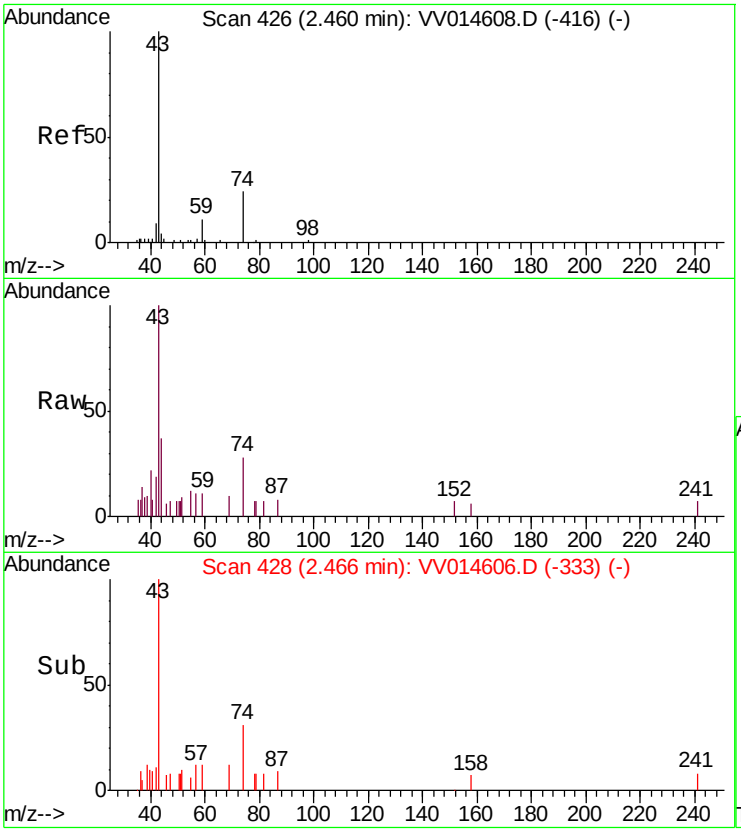


#14
Carbon disulfide
Concen: 0.466 ug/L
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Tgt Ion: 76 Resp: 33003

Ion	Ratio	Lower	Upper
76	100		
78	10.5	7.5	11.3



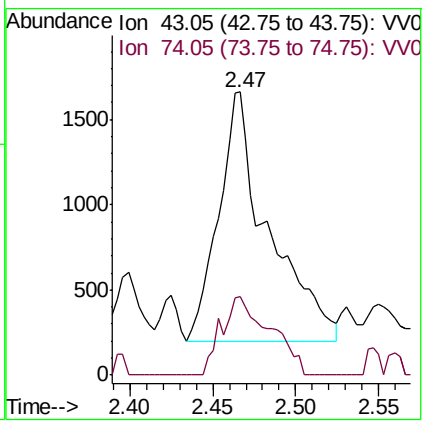


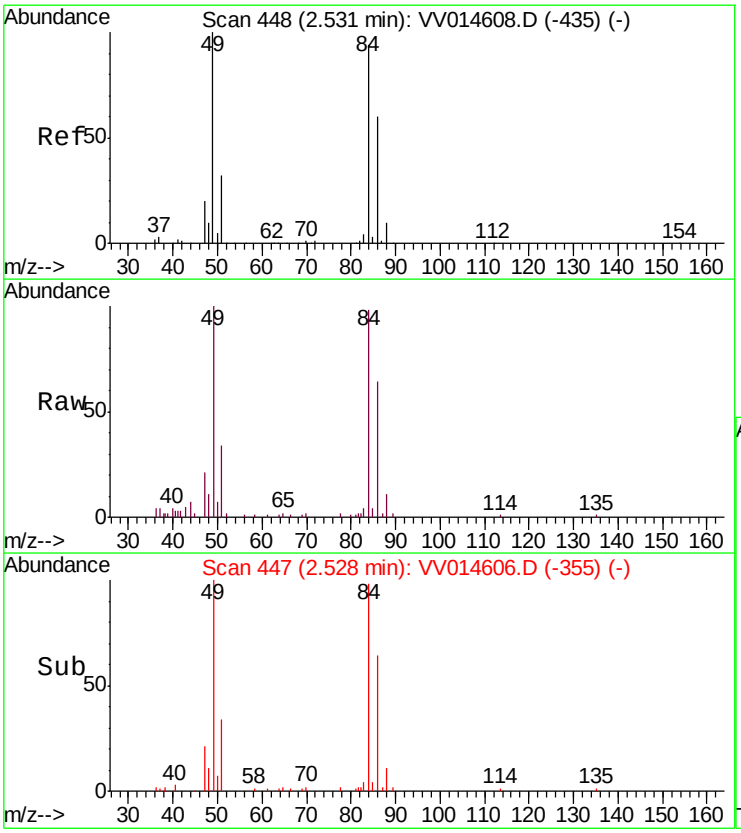
#15
Methyl Acetate
Concen: 0.433 ug/L
RT: 2.47 min Scan# 428
Delta R.T. 0.01 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5701

Tgt Ion: 43 Resp: 3038

Ion	Ratio	Lower	Upper
43	100		
74	31.1	25.0	37.6

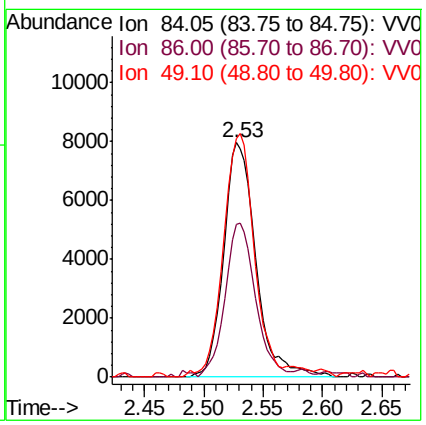


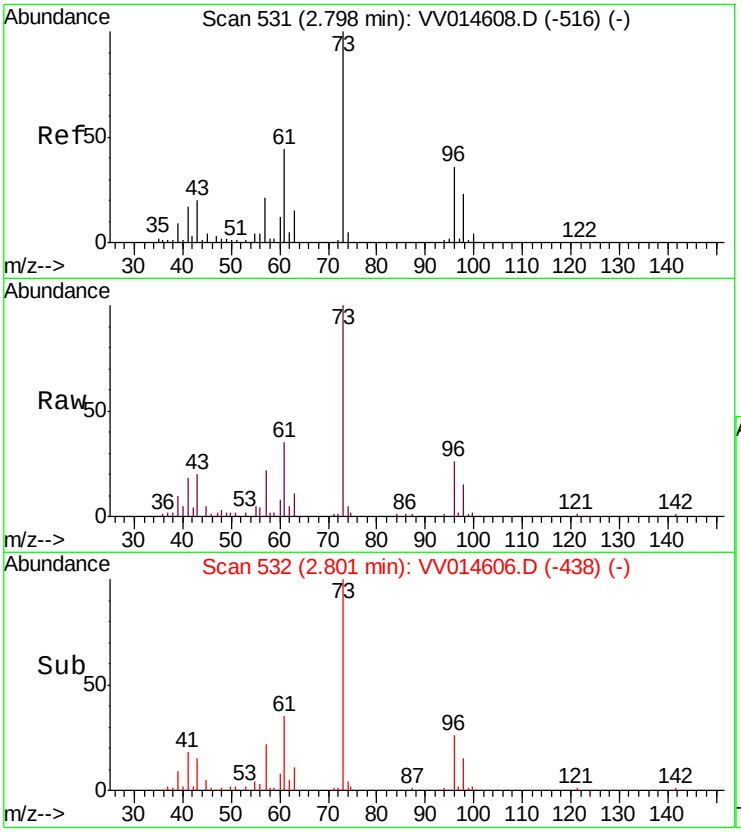


#16
Methylene chloride
Concen: 0.512 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Tgt Ion: 84 Resp: 14958

Ion	Ratio	Lower	Upper
84	100		
86	65.3	44.8	83.2
49	101.8	74.8	139.0



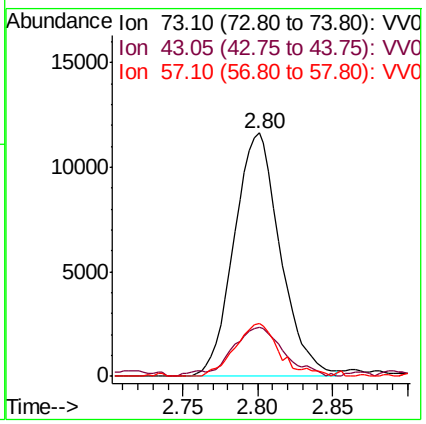


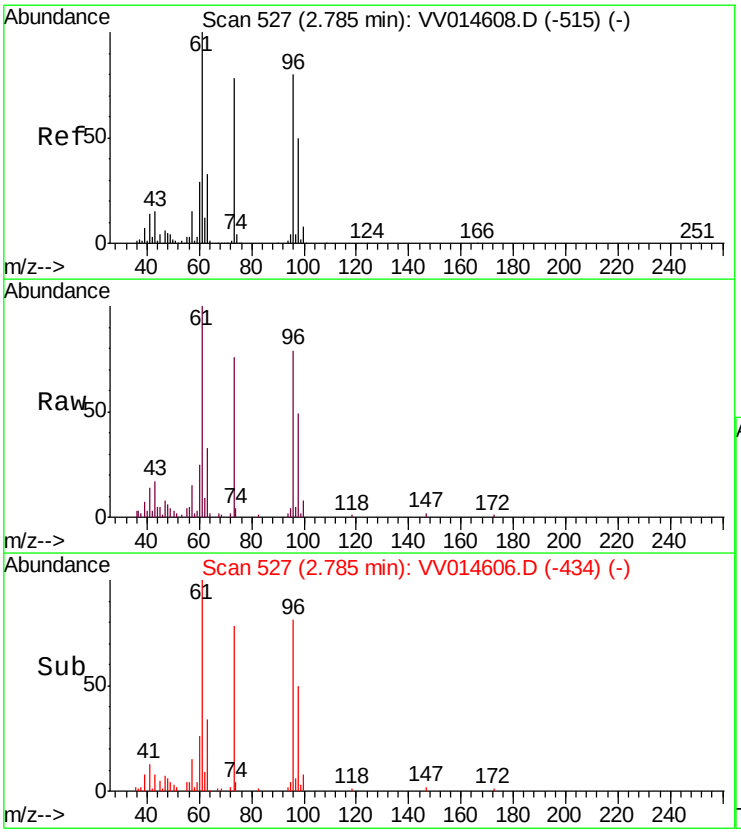
#17
Methyl tert-butyl Ether
Concen: 0.488 ug/L
RT: 2.80 min Scan# 532
Delta R.T. 0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5701

Tgt Ion: 73 Resp: 25024

Ion	Ratio	Lower	Upper
73	100		
43	22.8	15.1	22.7#
57	20.7	16.0	24.0

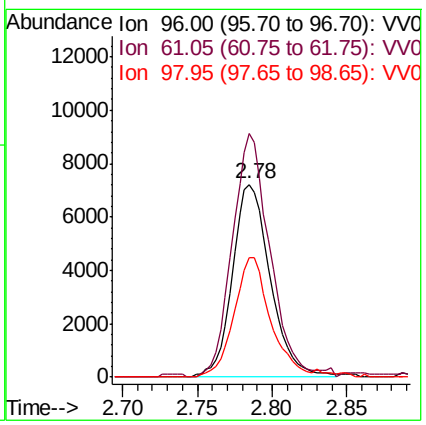


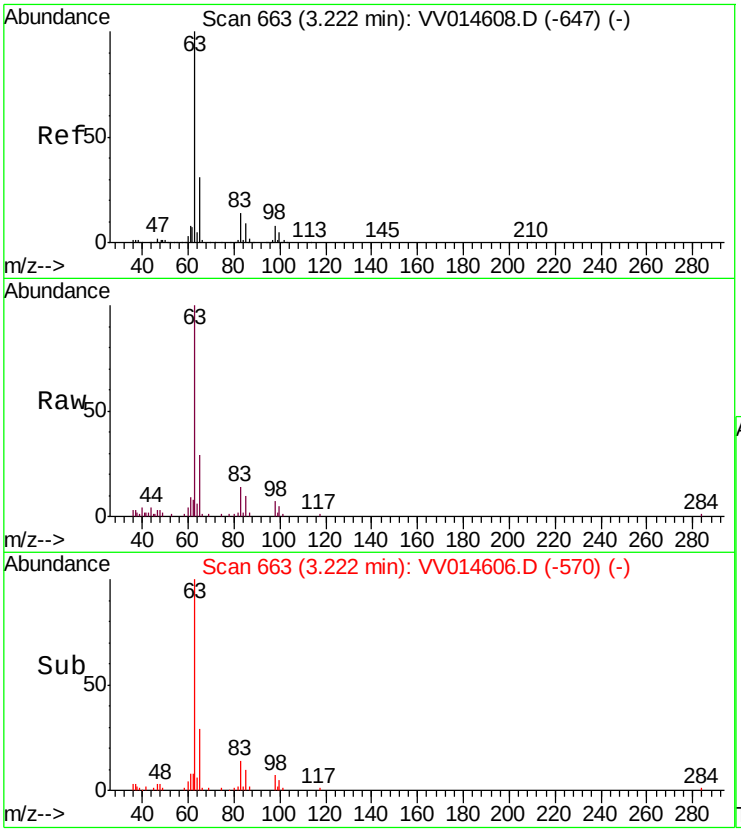


#18
trans-1,2-Dichloroethene
Concen: 0.542 ug/L
RT: 2.78 min Scan# 527
Delta R.T. 0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Tgt Ion: 96 Resp: 12740

Ion	Ratio	Lower	Upper
96	100		
61	126.5	87.2	162.0
98	62.3	43.4	80.6



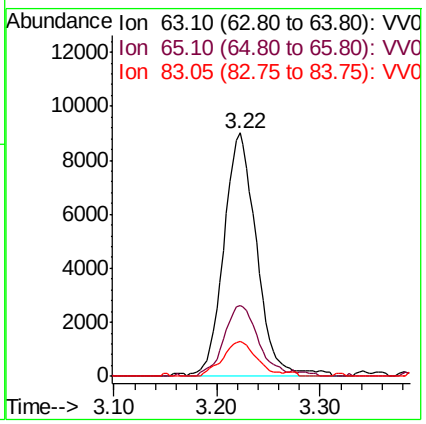


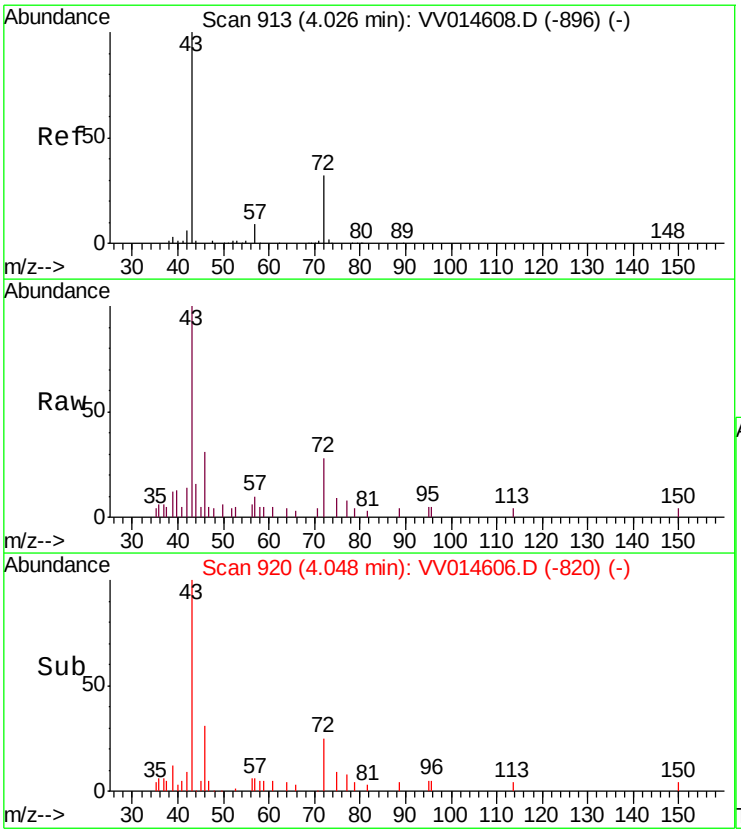
#19
1,1-Dichloroethane
Concen: 0.467 ug/L
RT: 3.22 min Scan# 663
Delta R.T. 0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5701

Tgt Ion: 63 Resp: 19994

Ion	Ratio	Lower	Upper
63	100		
65	28.9	21.4	39.8
83	14.3	10.0	18.6

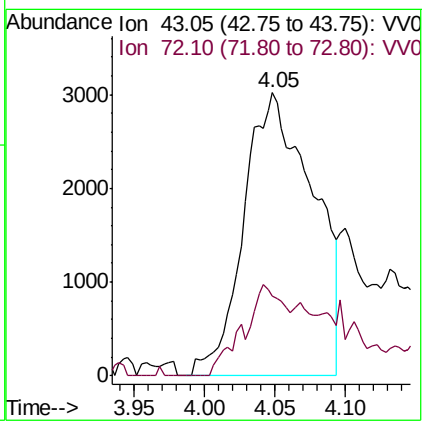


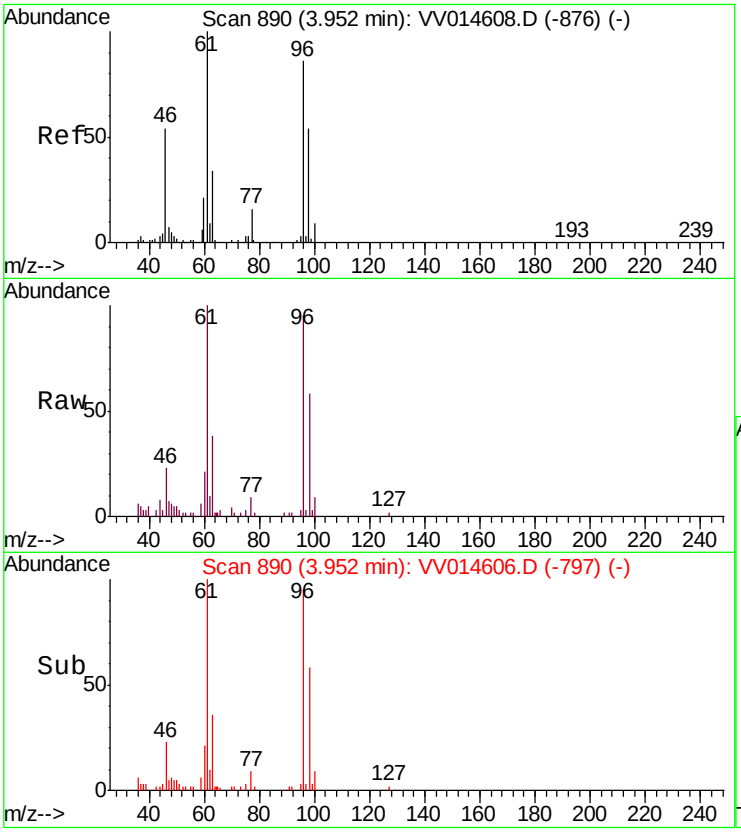


#21
2-Butanone
Concen: 2.040 ug/L
RT: 4.05 min Scan# 920
Delta R.T. 0.02 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Tgt Ion: 43 Resp: 10368

Ion	Ratio	Lower	Upper
43	100		
72	8.1	11.5	34.5#



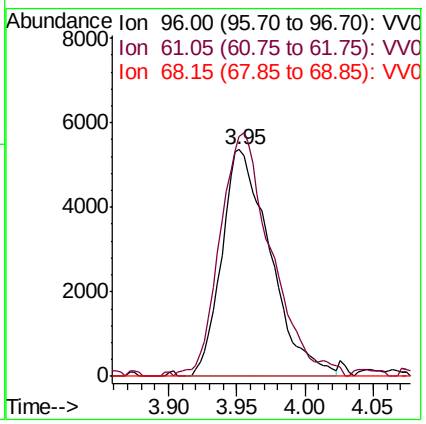


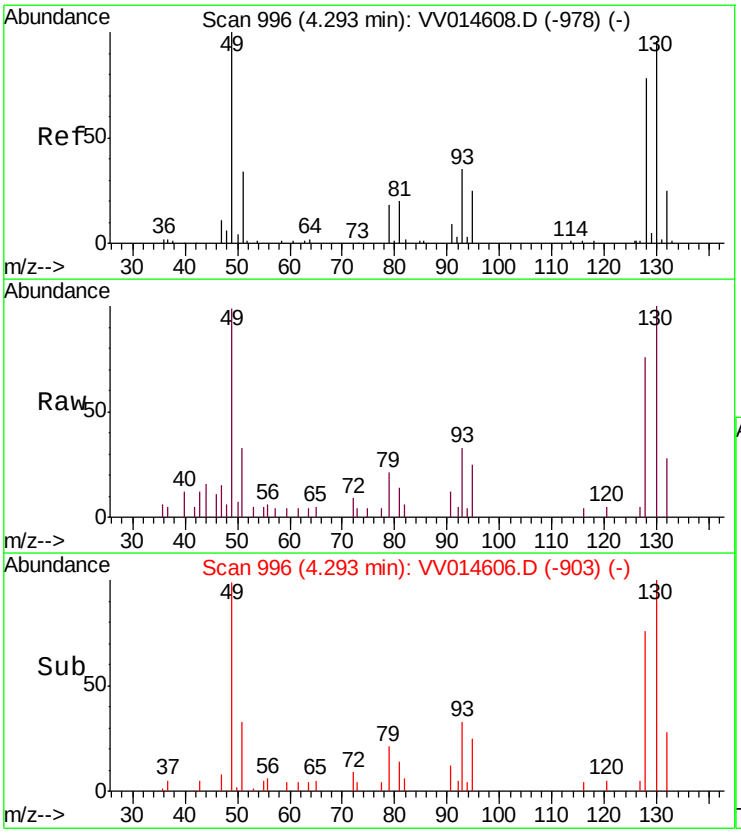
#22
cis-1,2-Dichloroethene
Concen: 0.536 ug/L
RT: 3.95 min Scan# 890
Delta R.T. 0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5701

Tgt Ion: 96 Resp: 13302

Ion	Ratio	Lower	Upper
96	100		
61	105.6	81.5	151.5
68	0.0	0.0	0.0

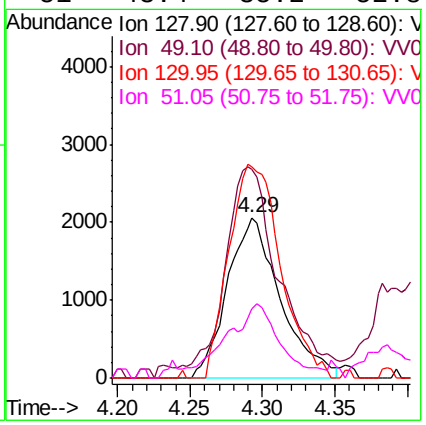


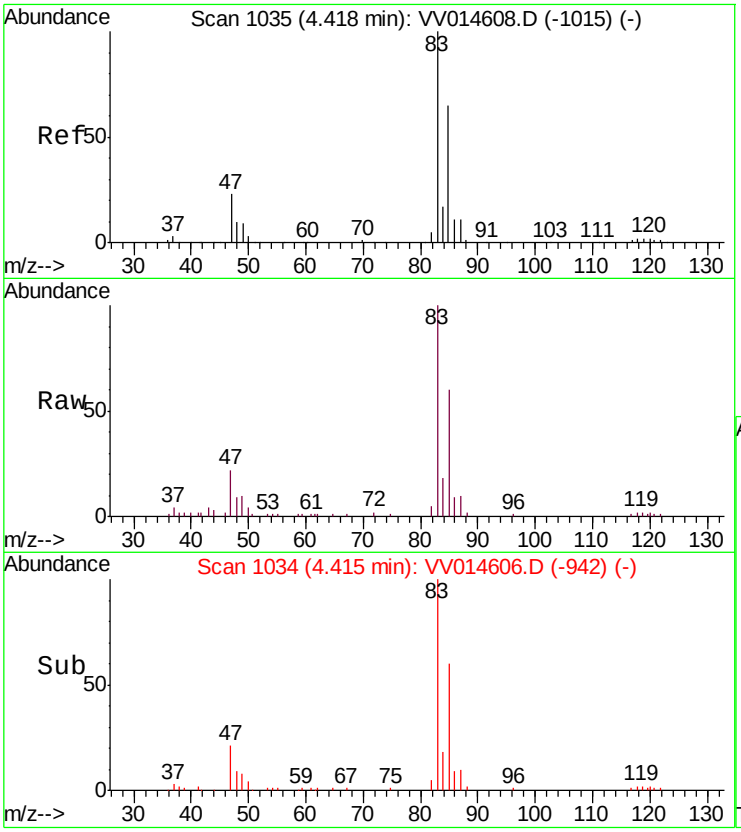


#23
Bromochloromethane
Concen: 0.545 ug/L
RT: 4.29 min Scan# 996
Delta R.T. 0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Tgt Ion:128 Resp: 5221

Ion	Ratio	Lower	Upper
128	100		
49	129.8	90.2	167.4
130	131.7	85.6	159.0
51	43.4	35.2	52.8



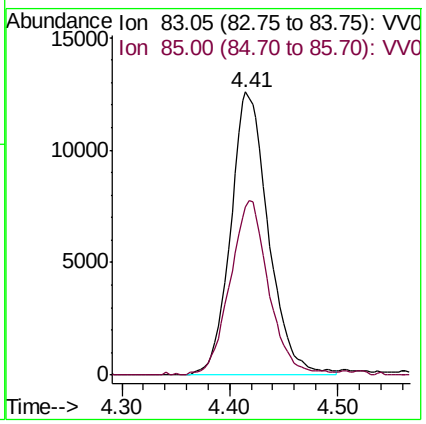


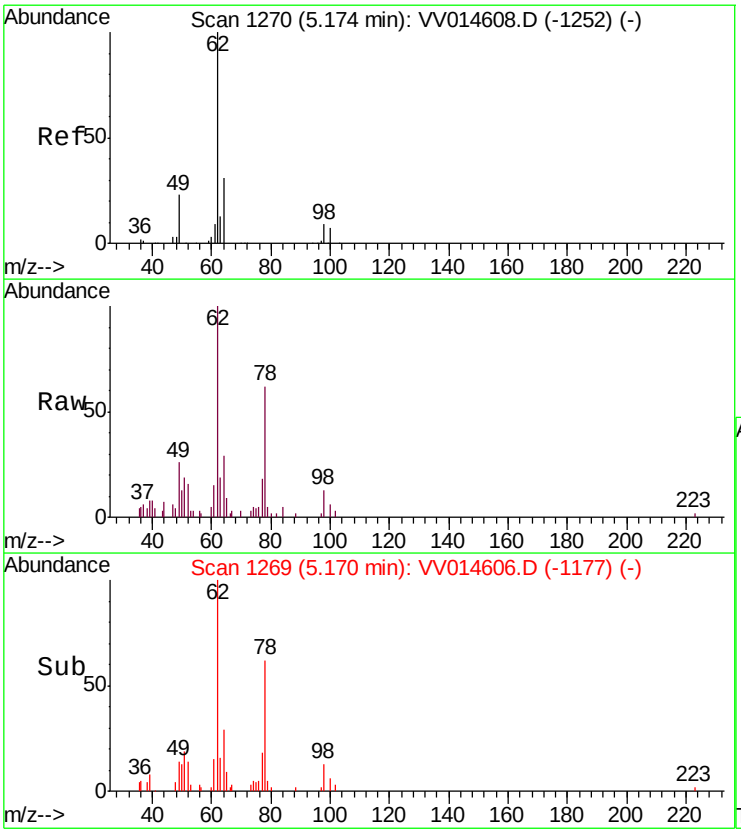
#25
Chloroform
Concen: 0.686 ug/L
RT: 4.41 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Instrument : MSVOA_V
ClientSampleId : VSTD0.5701

Tgt Ion: 83 Resp: 30646

Ion	Ratio	Lower	Upper
83	100		
85	59.5	45.8	85.2

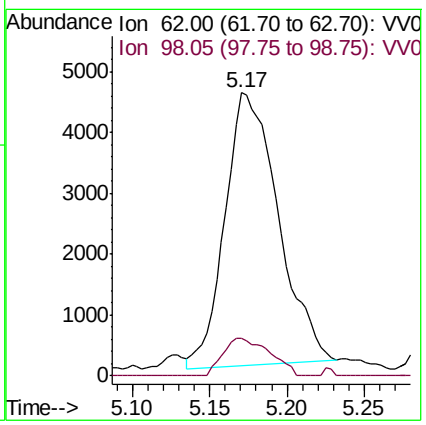


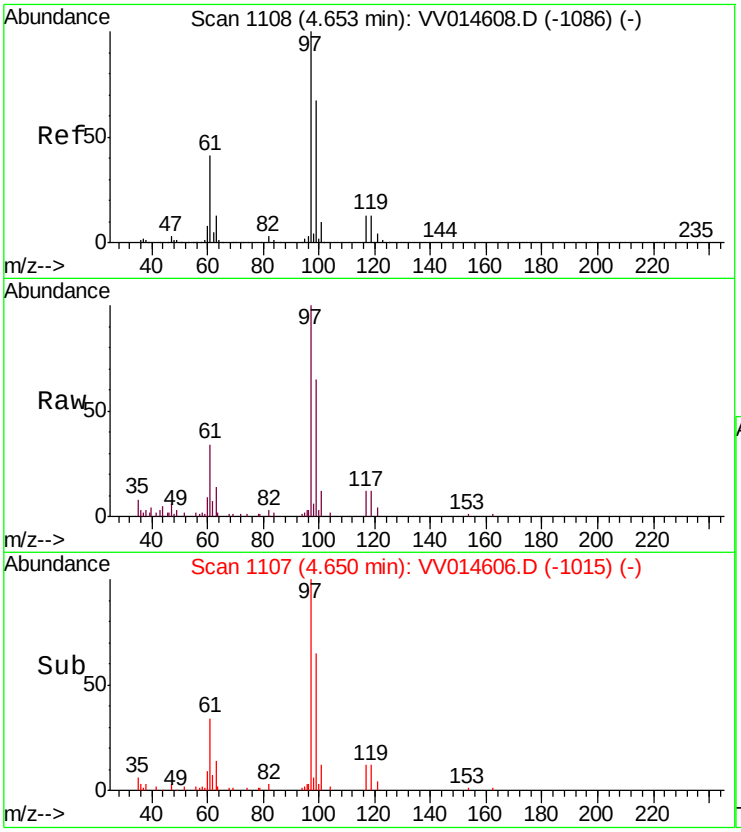


#27
1,2-Dichloroethane
Concen: 0.449 ug/L
RT: 5.17 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Tgt Ion: 62 Resp: 10775

Ion	Ratio	Lower	Upper
62	100		
98	13.4	7.0	10.4#



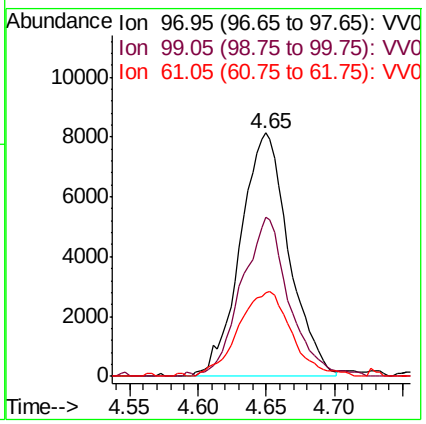


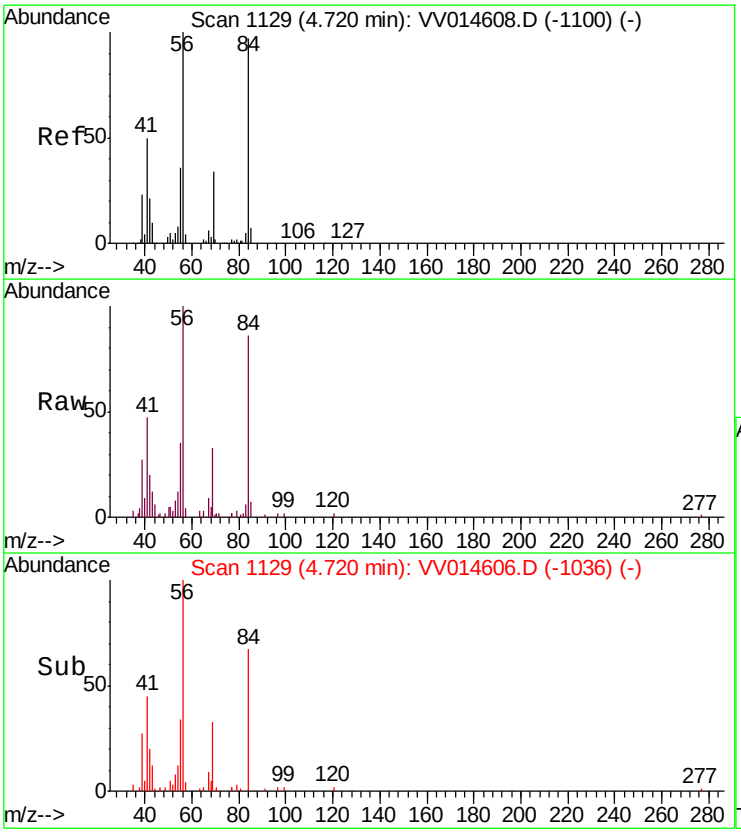
#29
1,1,1-Trichloroethane
Concen: 0.546 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5701

Tgt Ion: 97 Resp: 20104

Ion	Ratio	Lower	Upper
97	100		
99	64.0	52.1	78.1
61	38.3	32.8	49.2

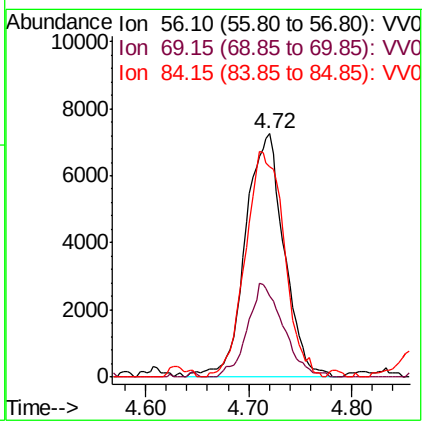


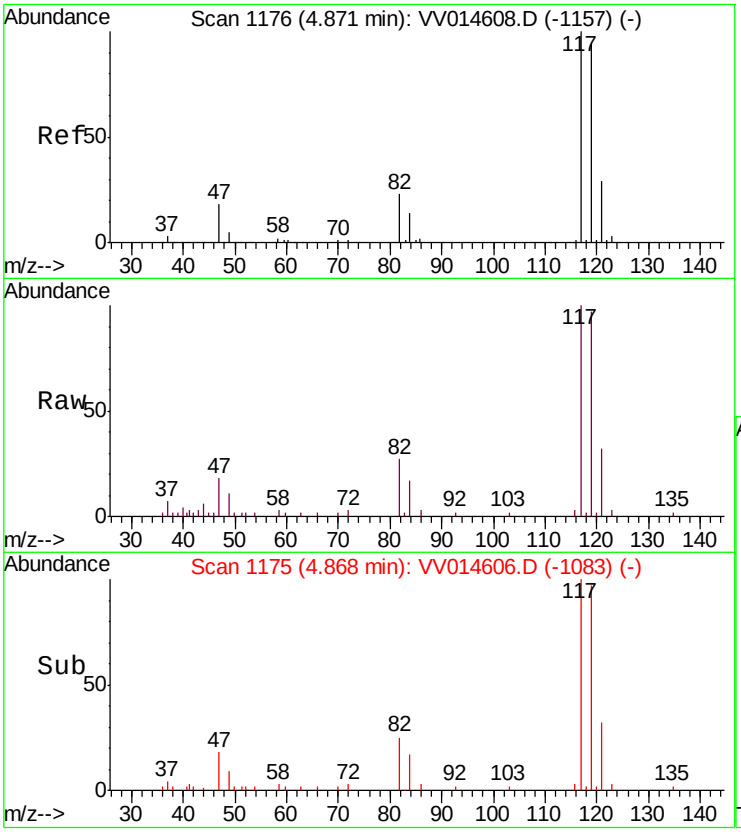


#30
Cyclohexane
Concen: 0.440 ug/L
RT: 4.72 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Tgt Ion: 56 Resp: 18870

Ion	Ratio	Lower	Upper
56	100		
69	35.4	26.7	40.1
84	93.3	75.9	113.9



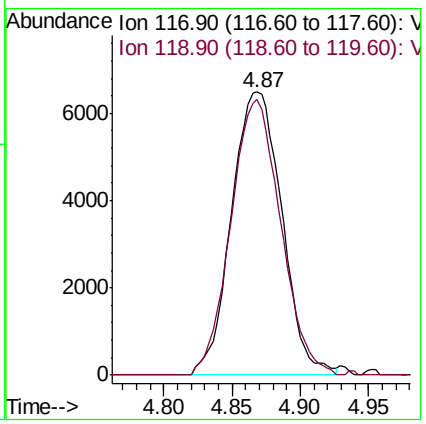


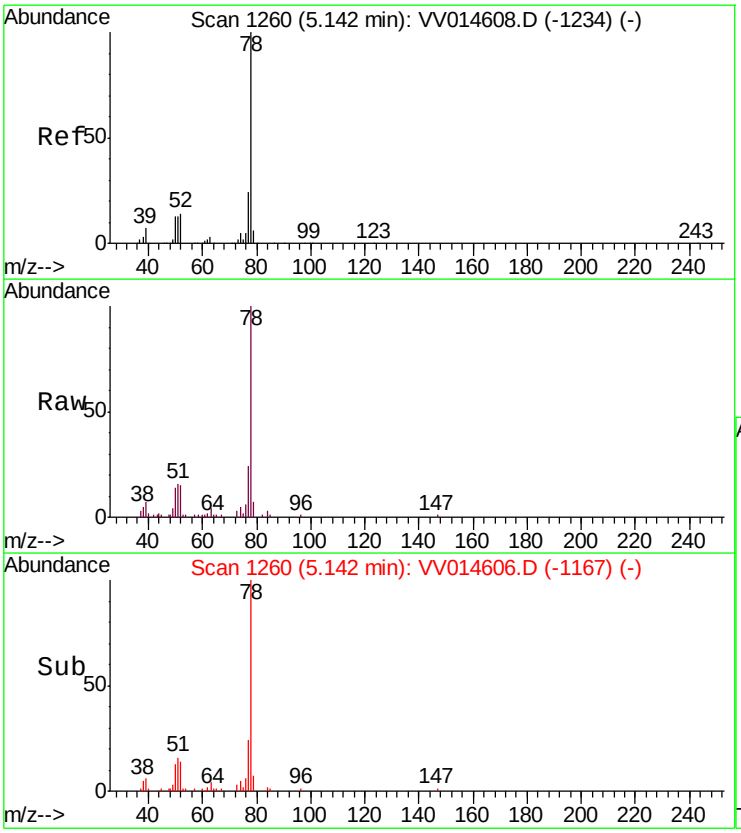
#31
Carbon tetrachloride
Concen: 0.520 ug/L
RT: 4.87 min Scan# 1175
Delta R.T. -0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5701

Tgt Ion:117 Resp: 16639

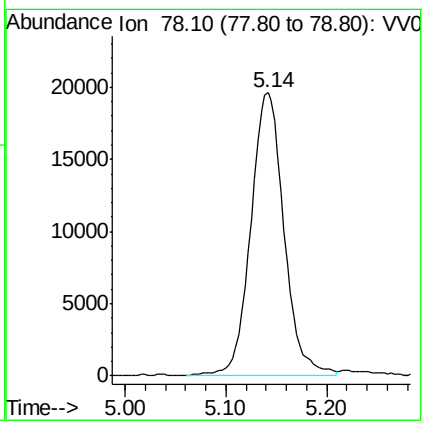
Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.5	114.7

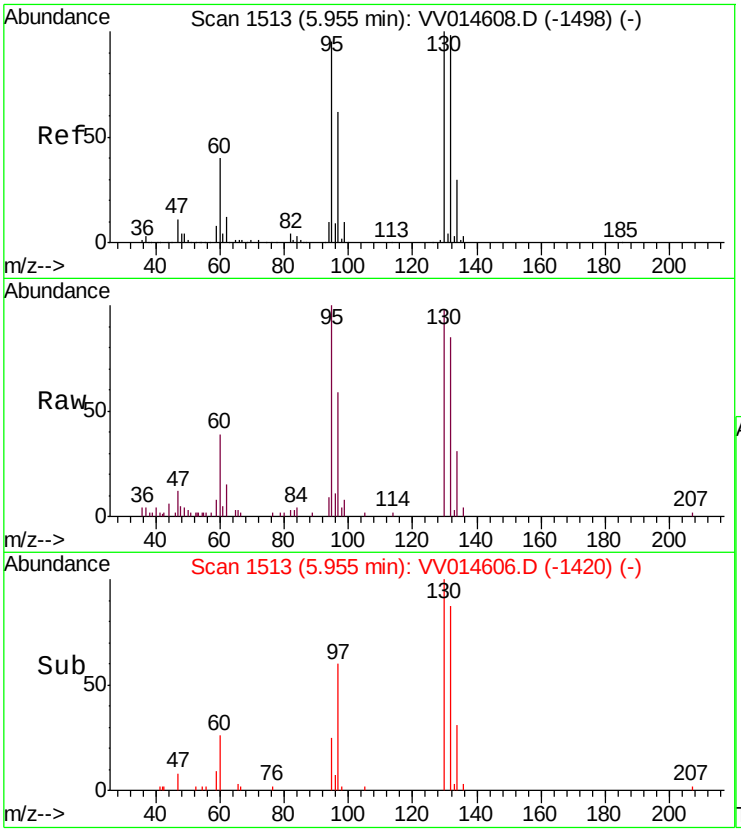




#33
Benzene
Concen: 0.476 ug/L
RT: 5.14 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Tgt Ion: 78 Resp: 44811



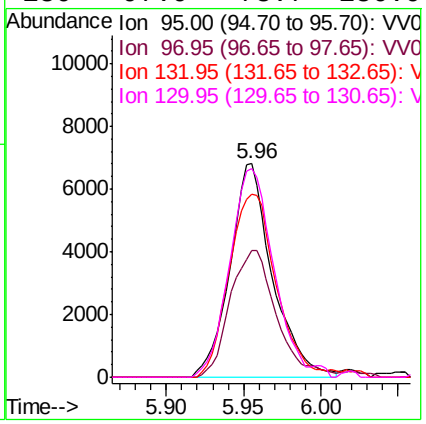


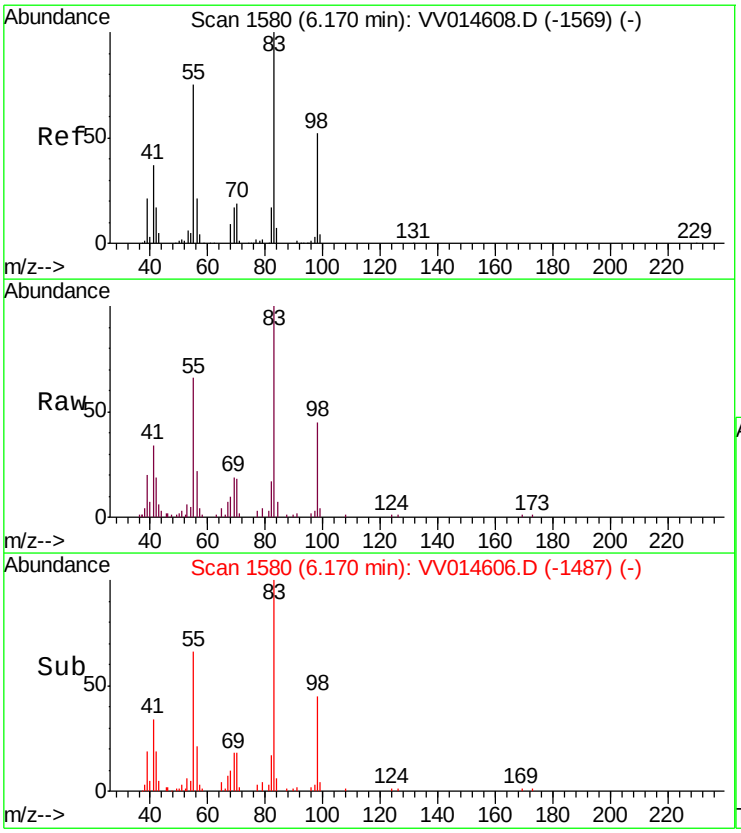
#34
Trichloroethene
Concen: 0.524 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5701

Tgt Ion: 95 Resp: 12947

Ion	Ratio	Lower	Upper
95	100		
97	59.1	45.4	84.2
132	85.4	72.4	134.4
130	97.9	73.7	136.9

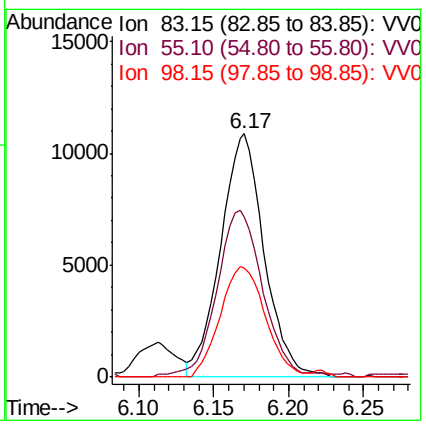


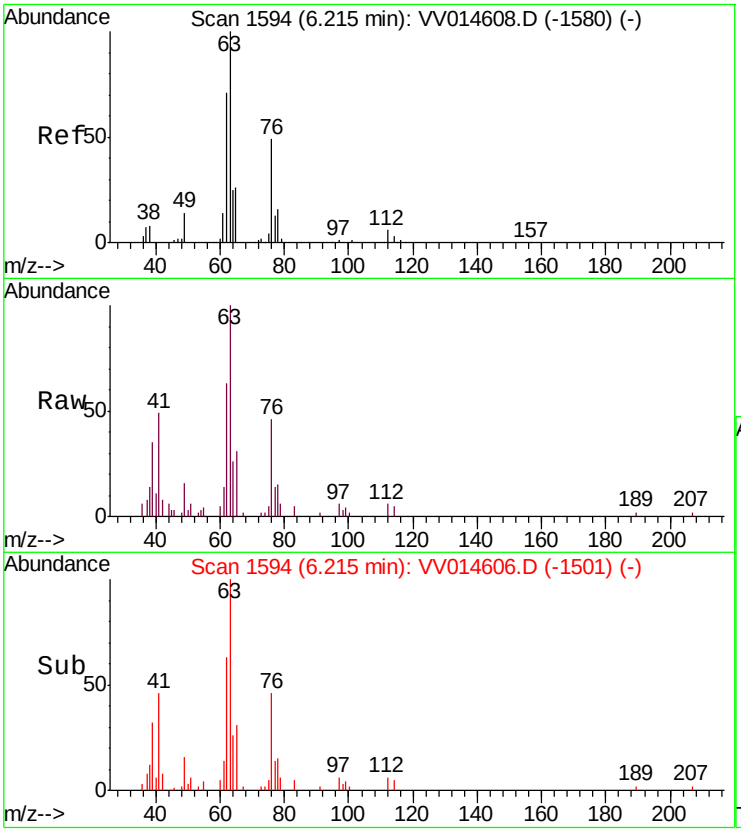


#35
Methylcyclohexane
Concen: 0.510 ug/L
RT: 6.17 min Scan# 1580
Delta R.T. 0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Tgt Ion: 83 Resp: 22052

Ion	Ratio	Lower	Upper
83	100		
55	71.9	57.1	85.7
98	47.5	40.2	60.2



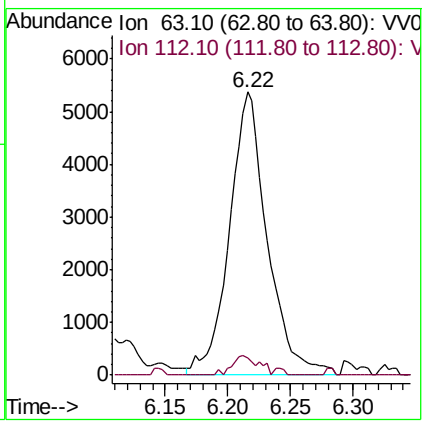


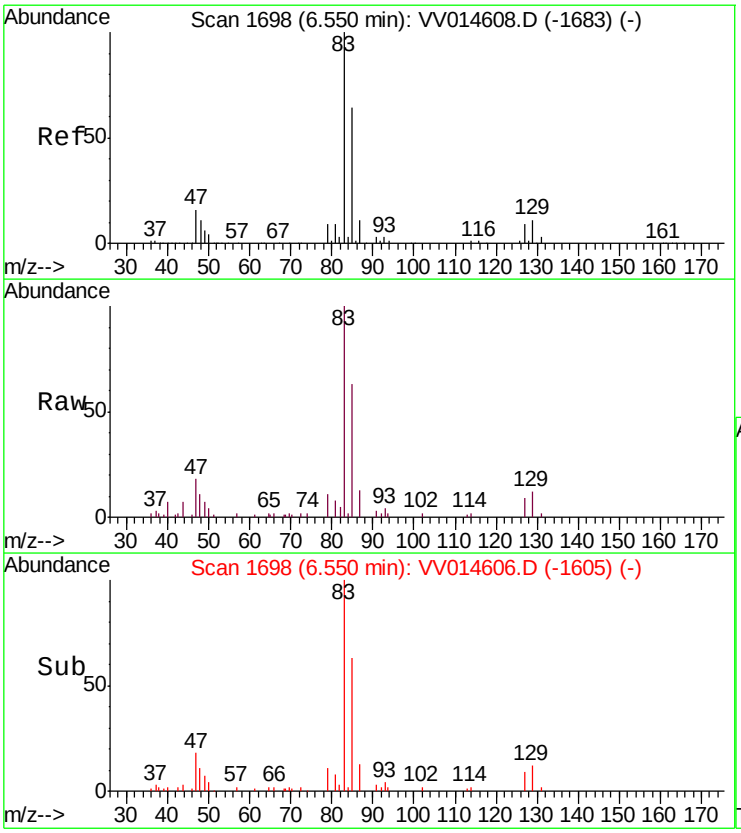
#37
1,2-Dichloropropane
Concen: 0.500 ug/L
RT: 6.22 min Scan# 1594
Delta R.T. 0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Instrument : MSVOA_V
ClientSampleId : VSTD0.5701

Tgt Ion: 63 Resp: 11283

Ion	Ratio	Lower	Upper
63	100		
112	3.6	4.3	6.5#

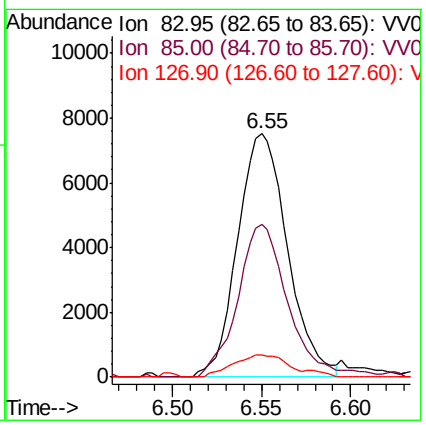


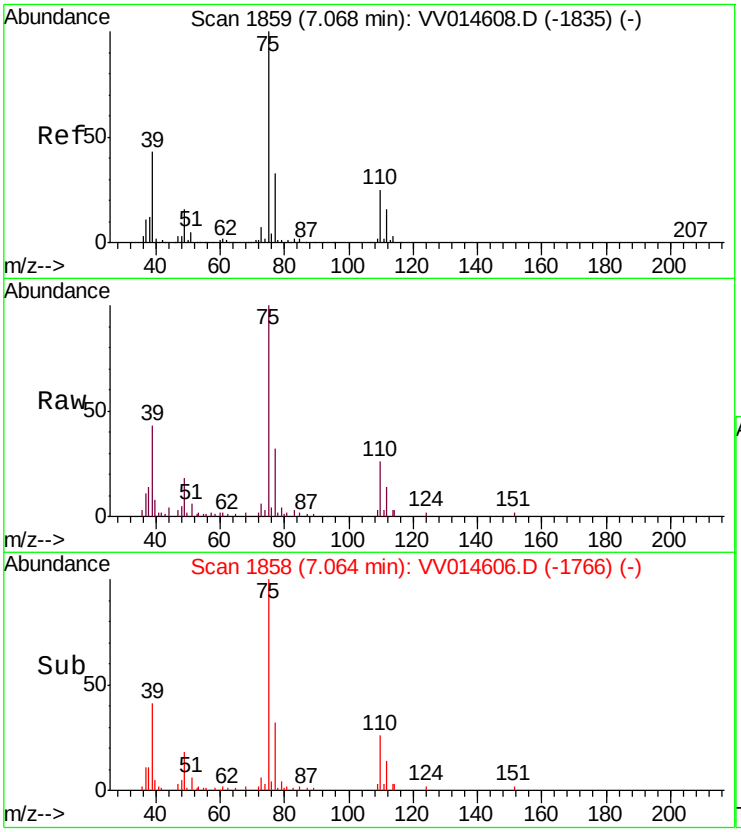


#38
Bromodichloromethane
Concen: 0.502 ug/L
RT: 6.55 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Tgt Ion: 83 Resp: 14717

Ion	Ratio	Lower	Upper
83	100		
85	63.0	45.2	84.0
127	9.0	7.0	10.6



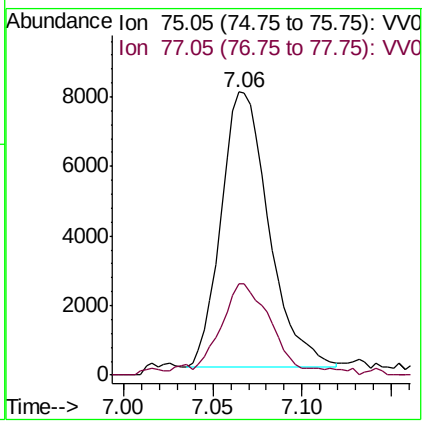


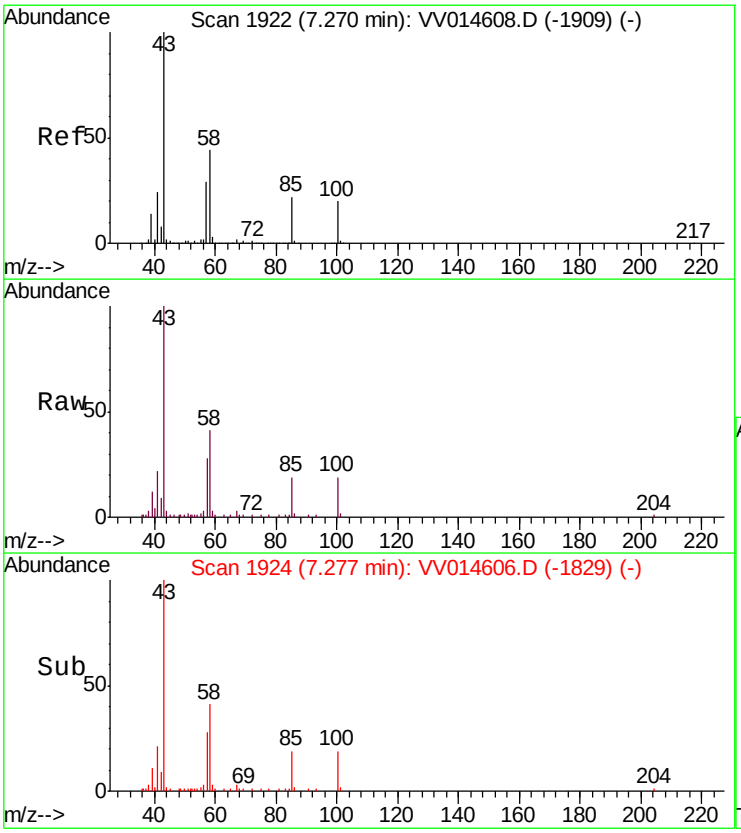
#39
cis-1,3-Dichloropropene
Concen: 0.412 ug/L
RT: 7.06 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5701

Tgt Ion: 75 Resp: 14834

Ion	Ratio	Lower	Upper
75	100		
77	32.3	22.8	42.4

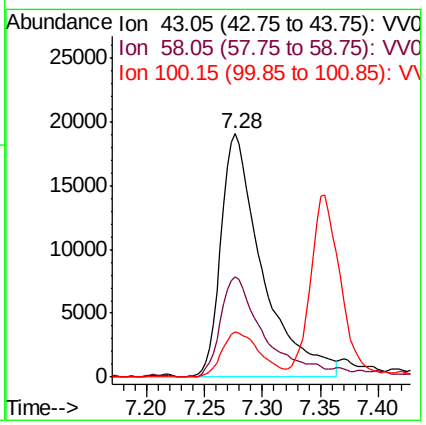


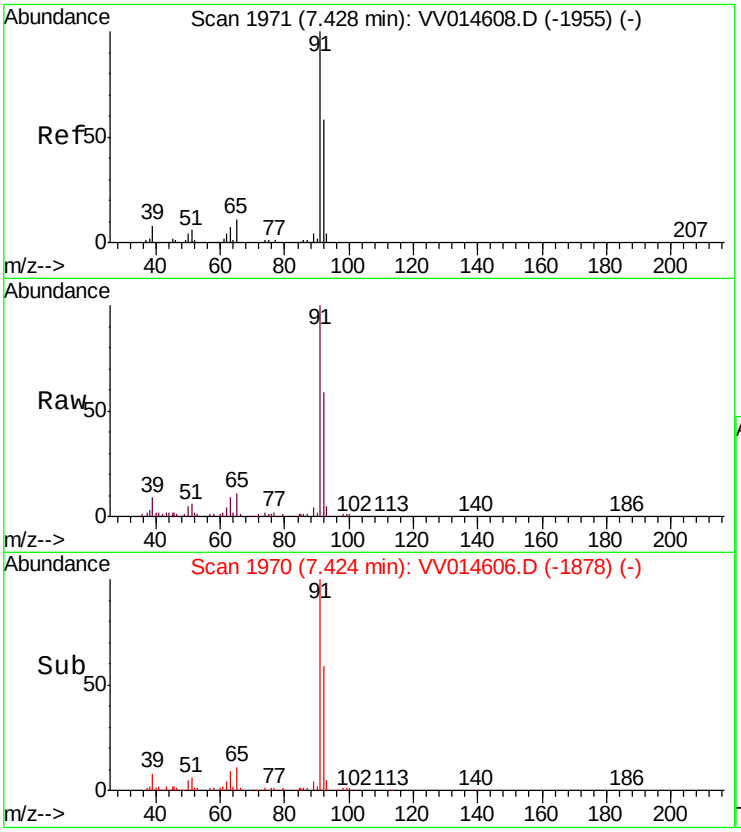


#40
4-Methyl-2-pentanone
Concen: 3.598 ug/L
RT: 7.28 min Scan# 1924
Delta R.T. 0.01 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Tgt Ion: 43 Resp: 47291

Ion	Ratio	Lower	Upper
43	100		
58	42.7	36.2	54.2
100	17.5	14.7	22.1



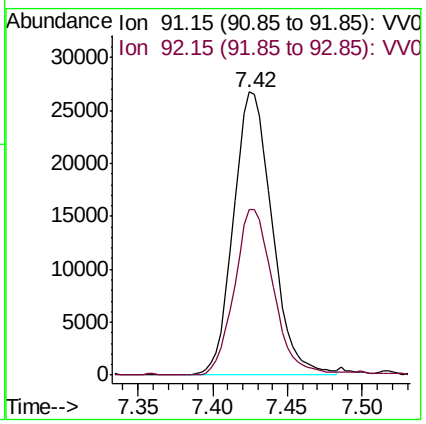


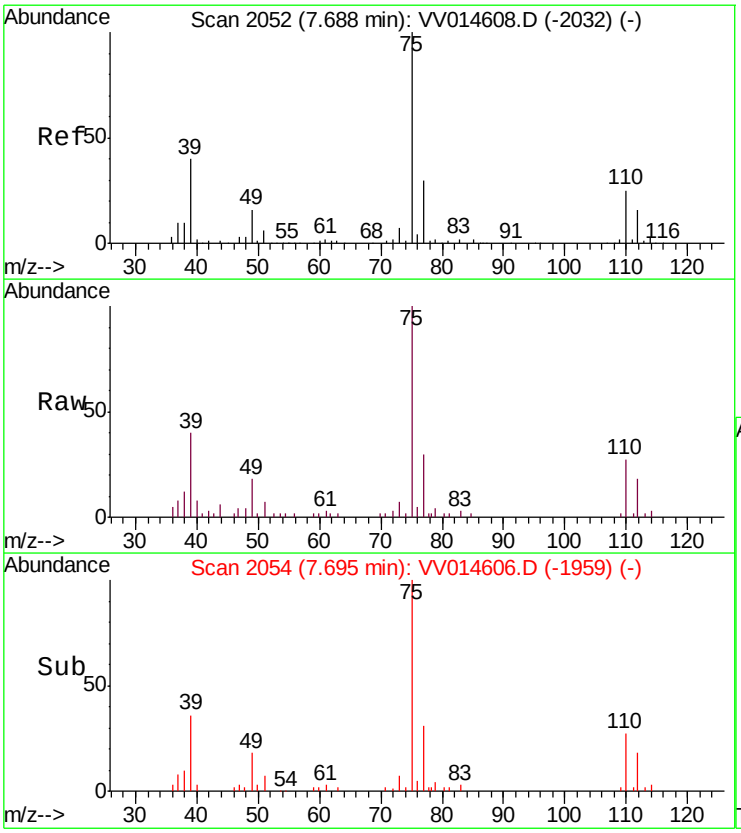
#42
Toluene
Concen: 0.478 ug/L
RT: 7.42 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5701

Tgt Ion: 91 Resp: 48306

Ion	Ratio	Lower	Upper
91	100		
92	58.5	40.7	75.5

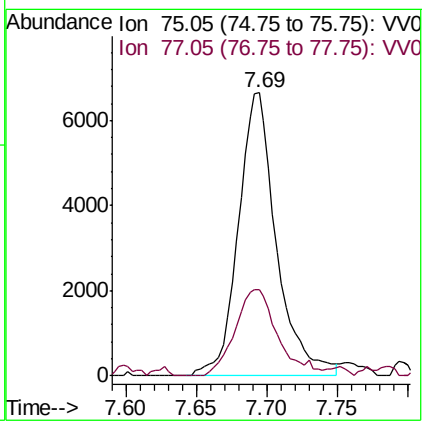


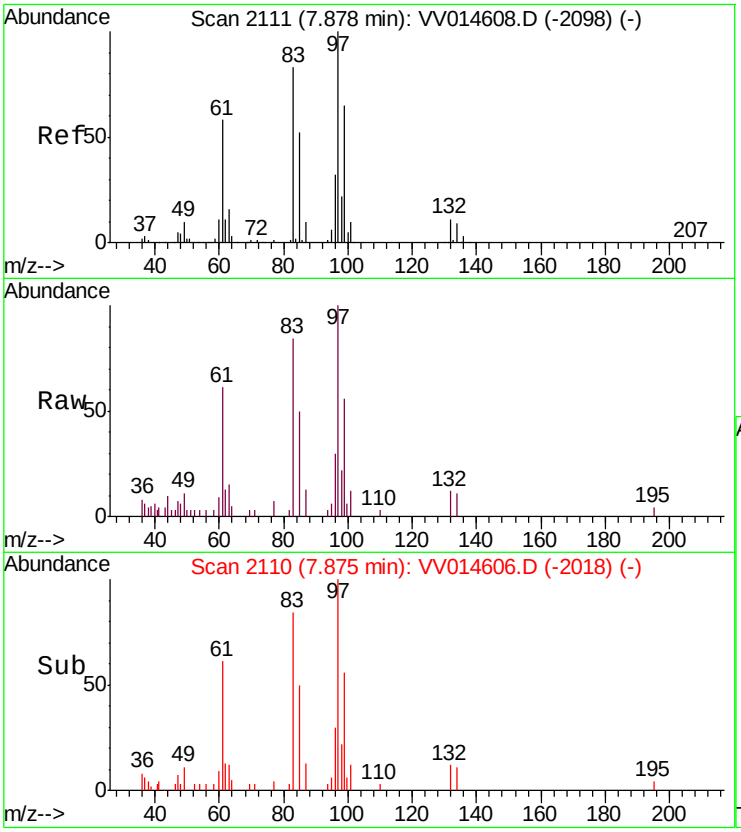


#44
trans-1,3-Dichloropropene
Concen: 0.453 ug/L
RT: 7.69 min Scan# 2054
Delta R.T. 0.01 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Tgt Ion: 75 Resp: 12593

Ion	Ratio	Lower	Upper
75	100		
77	30.5	21.0	39.0



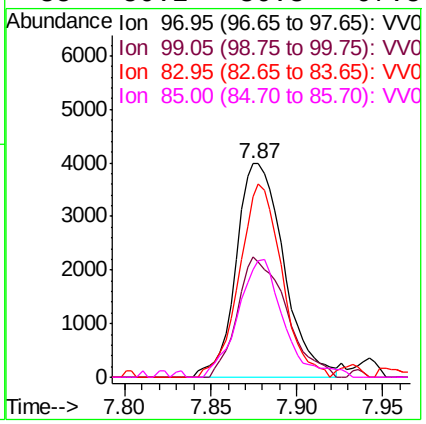


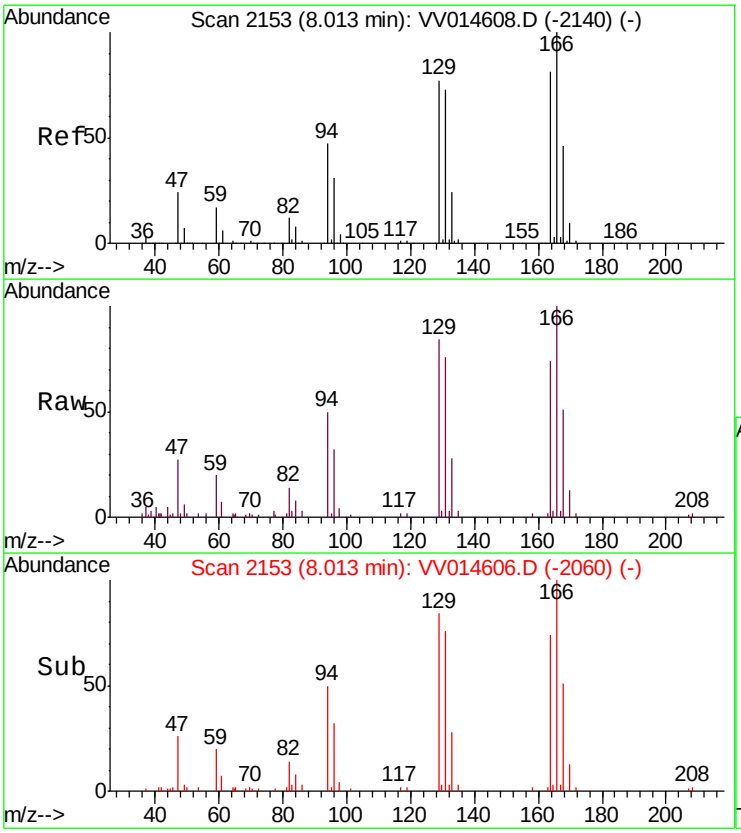
#45
1,1,2-Trichloroethane
Concen: 0.518 ug/L
RT: 7.87 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5701

Tgt Ion: 97 Resp: 7681

Ion	Ratio	Lower	Upper
97	100		
99	56.1	45.2	84.0
83	84.4	58.3	108.3
85	50.2	36.3	67.5

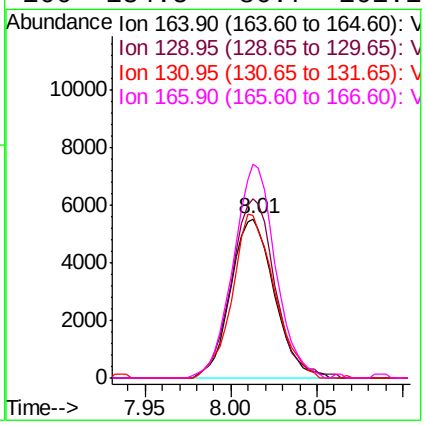


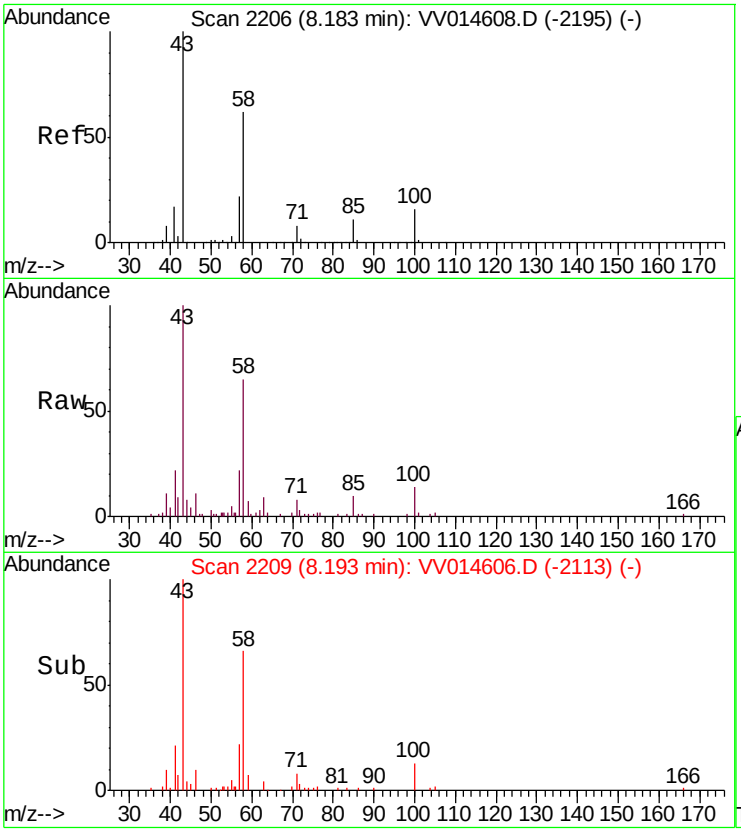


#47
Tetrachloroethene
Concen: 0.555 ug/L
RT: 8.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Tgt Ion:164 Resp: 9745

Ion	Ratio	Lower	Upper
164	100		
129	112.6	67.0	124.4
131	102.3	63.6	118.2
166	134.5	86.7	161.1



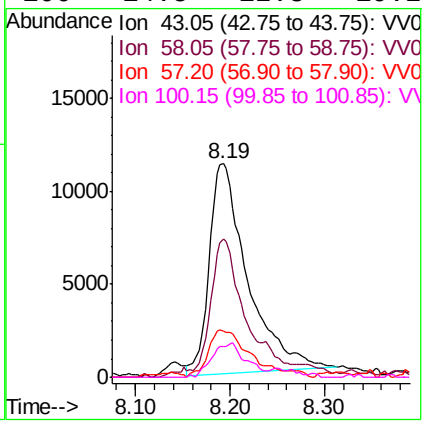


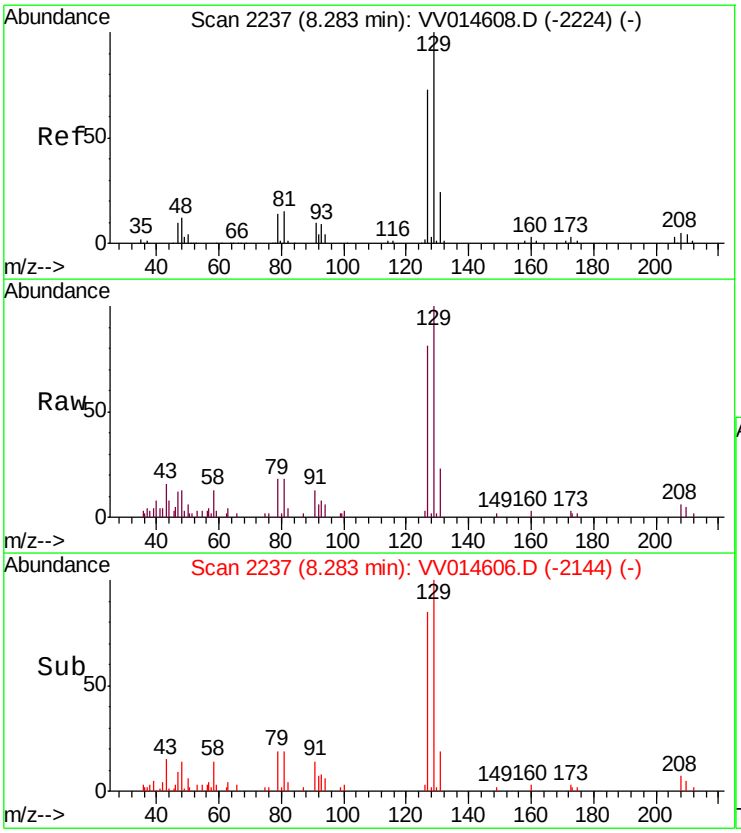
#48
2-Hexanone
Concen: 3.525 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Instrument : MSVOA_V
ClientSampleId : VSTD0.5701

Tgt Ion: 43 Resp: 31745

Ion	Ratio	Lower	Upper
43	100		
58	54.9	48.6	73.0
57	24.1	17.7	26.5
100	14.5	12.8	19.2

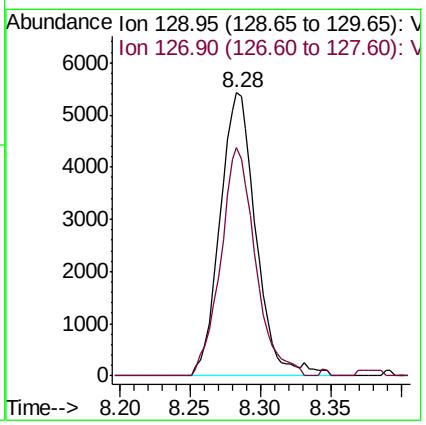


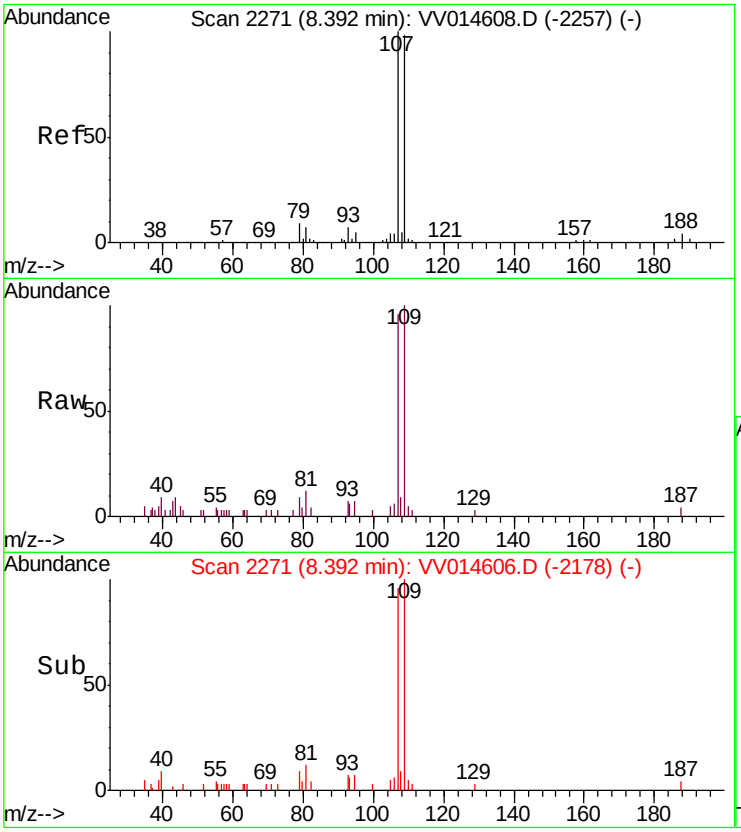


#49
Dibromochloromethane
Concen: 0.520 ug/L
RT: 8.28 min Scan# 2237
Delta R.T. 0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Tgt Ion:129 Resp: 9632

Ion	Ratio	Lower	Upper
129	100		
127	80.9	50.9	94.5



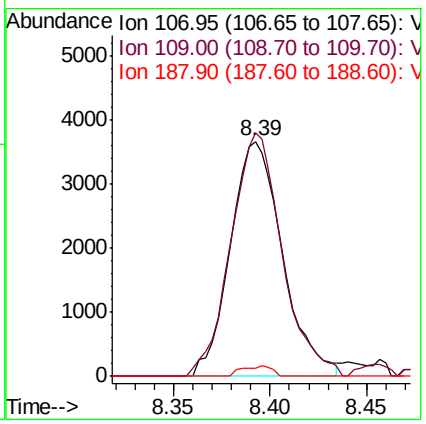


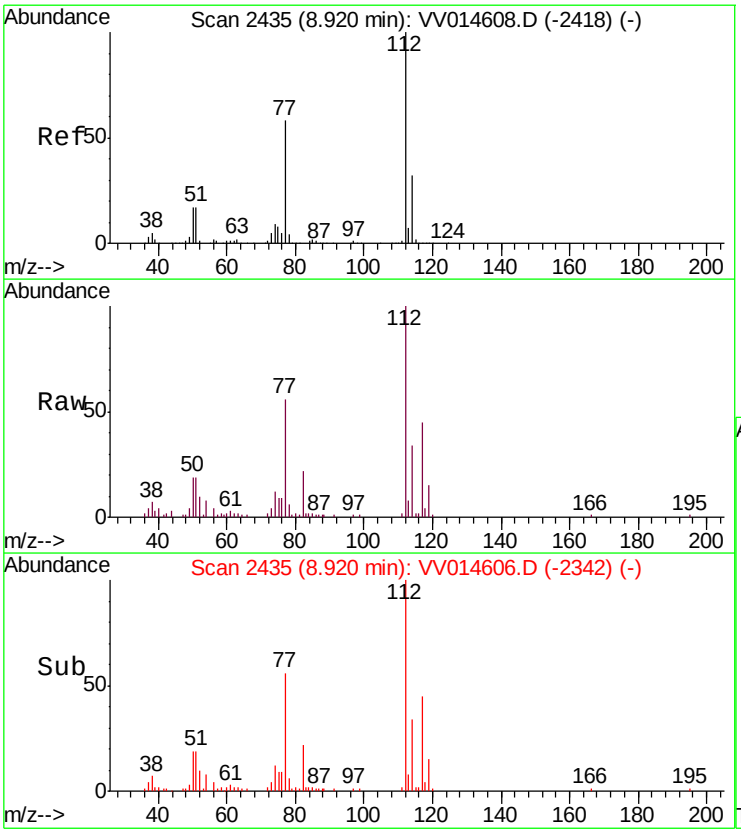
#50
1,2-Dibromoethane
Concen: 0.498 ug/L
RT: 8.39 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5701

Tgt Ion:107 Resp: 6863

Ion	Ratio	Lower	Upper
107	100		
109	103.8	68.7	127.5
188	3.6	2.9	4.3

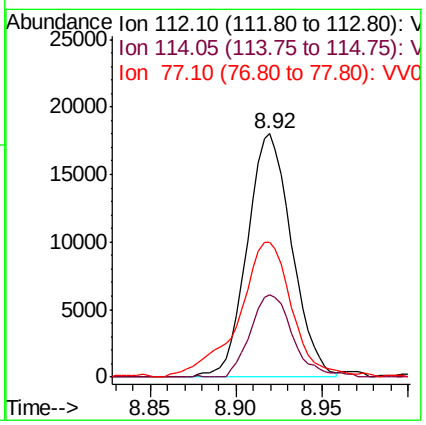


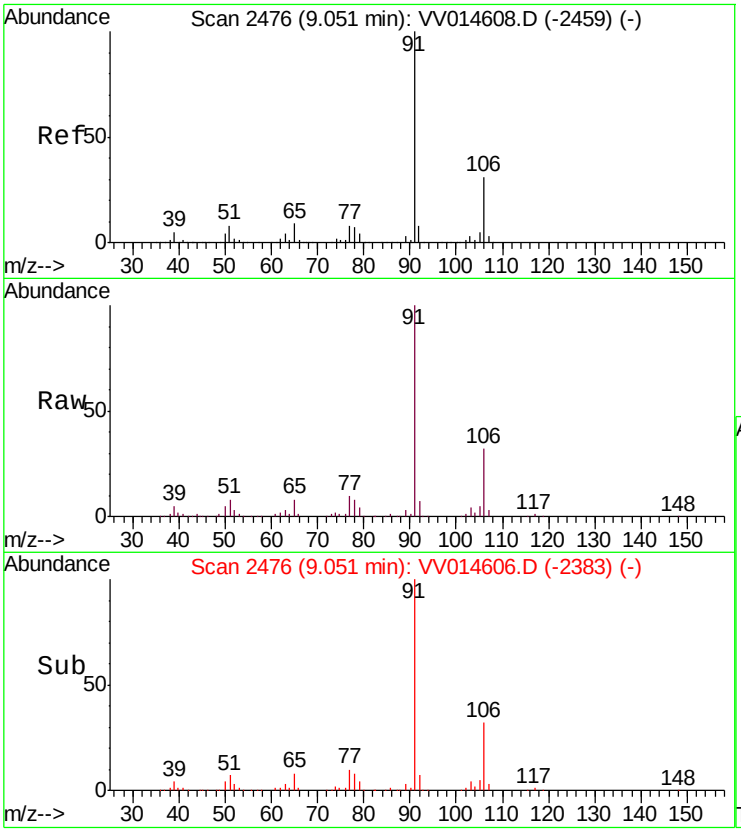


#51
Chlorobenzene
Concen: 0.518 ug/L
RT: 8.92 min Scan# 2435
Delta R.T. 0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Tgt Ion:112 Resp: 32341

Ion	Ratio	Lower	Upper
112	100		
114	34.1	22.5	41.9
77	55.6	46.6	70.0



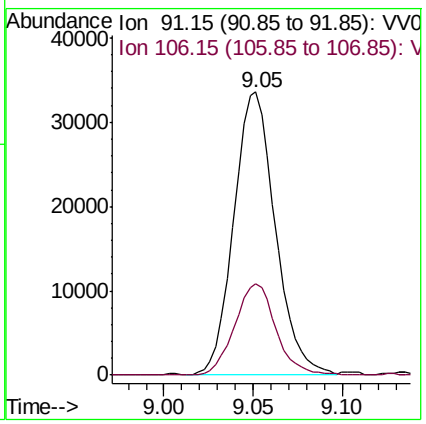


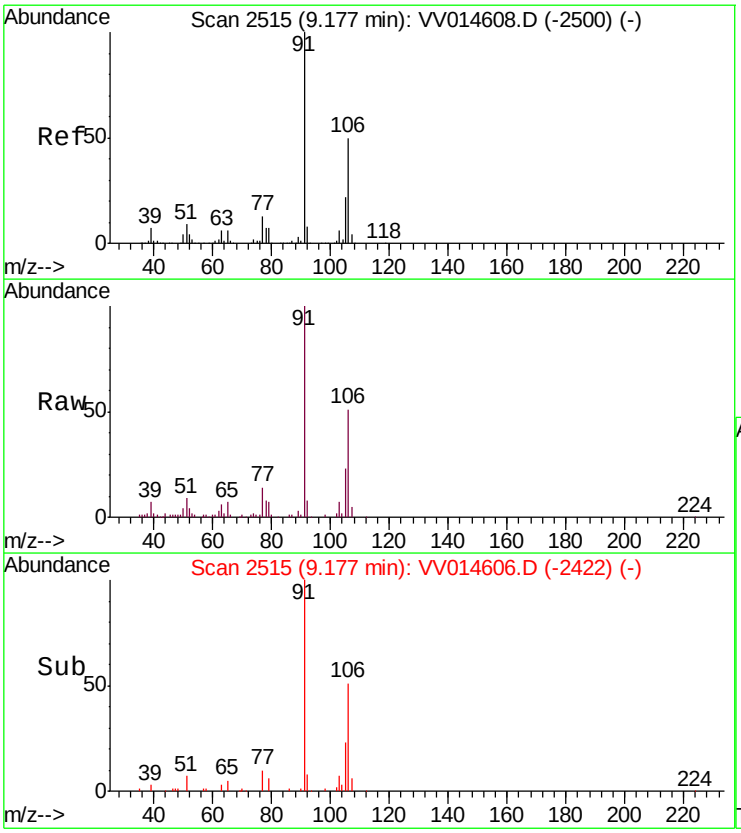
#52
Ethylbenzene
Concen: 0.482 ug/L
RT: 9.05 min Scan# 2476
Delta R.T. 0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5701

Tgt Ion: 91 Resp: 54712

Ion	Ratio	Lower	Upper
91	100		
106	32.5	21.8	40.6

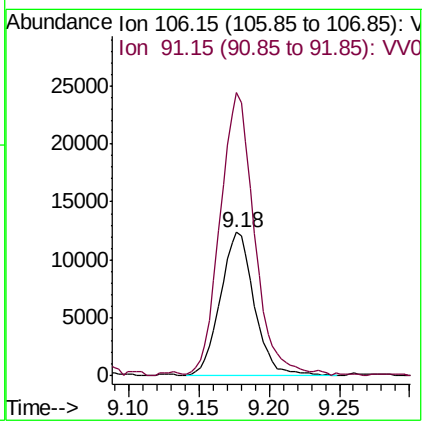


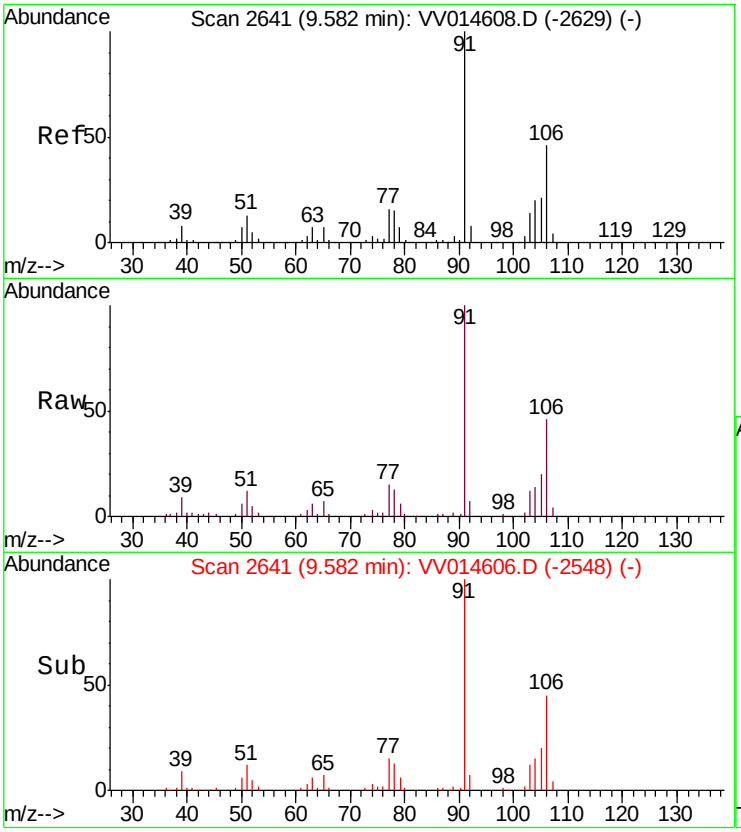


#53
m,p-xylene
Concen: 0.494 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. 0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Tgt Ion:106 Resp: 20896

Ion	Ratio	Lower	Upper
106	100		
91	197.6	139.6	259.2



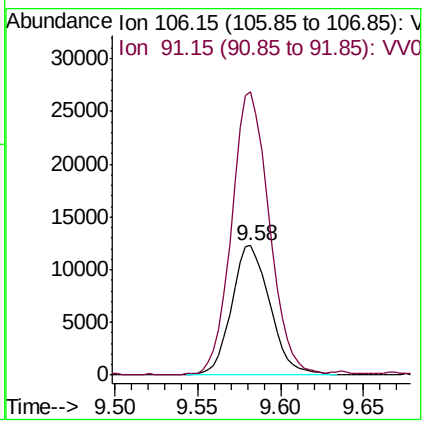


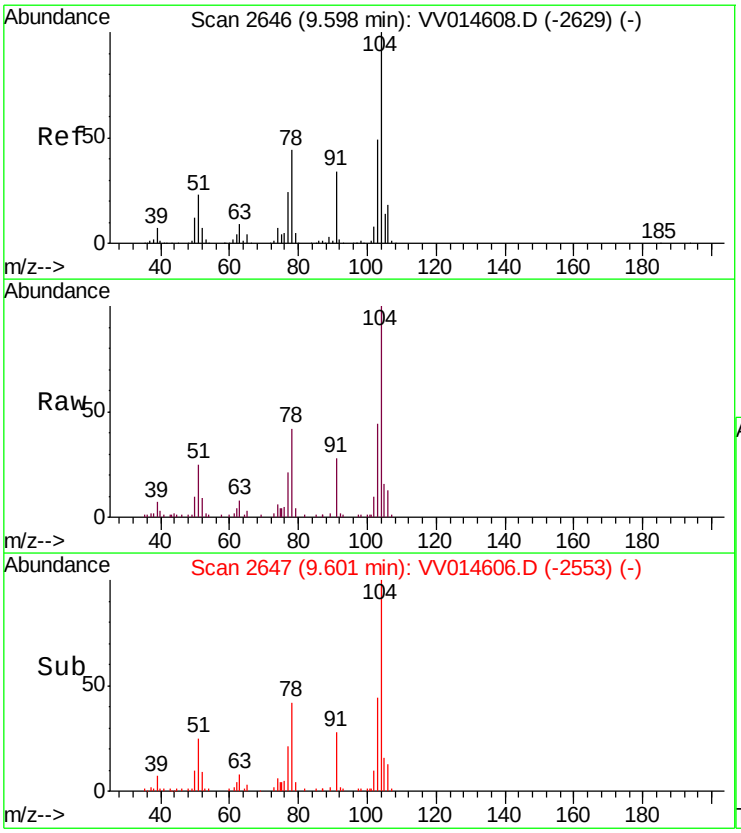
#54
o-xylene
Concen: 0.485 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. 0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5701

Tgt Ion:106 Resp: 19831

Ion	Ratio	Lower	Upper
106	100		
91	218.6	153.9	285.7

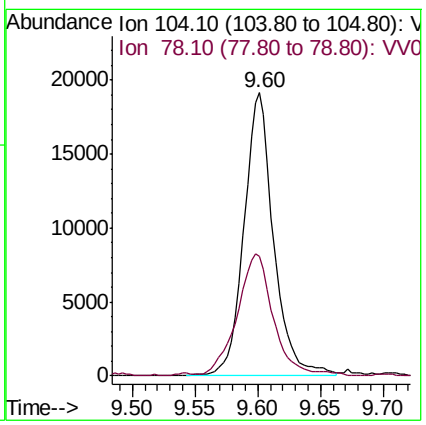


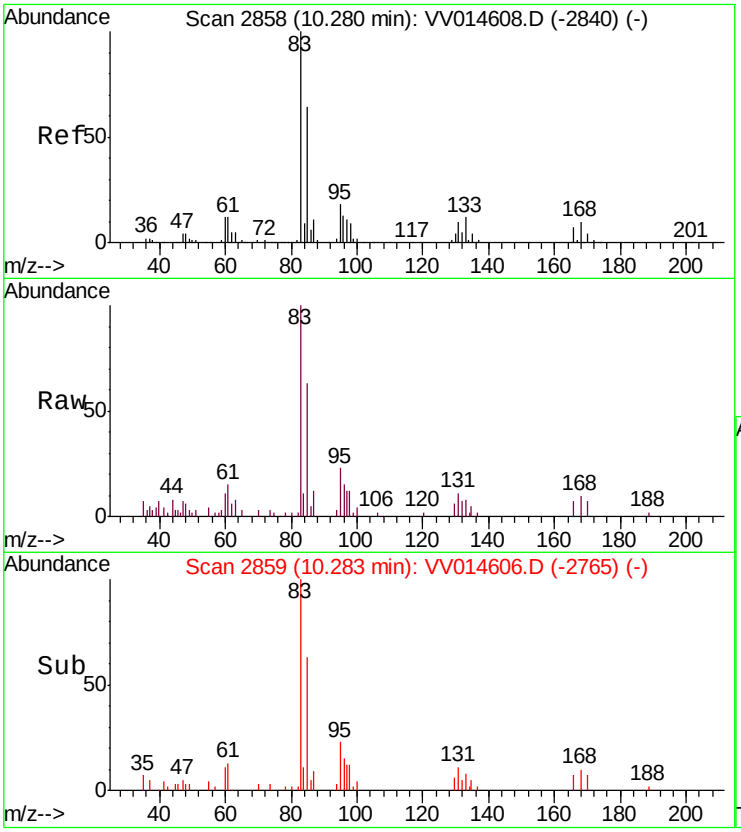


#55
Styrene
Concen: 0.467 ug/L
RT: 9.60 min Scan# 2647
Delta R.T. 0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Tgt Ion:104 Resp: 31637

Ion	Ratio	Lower	Upper
104	100		
78	42.3	30.8	57.2



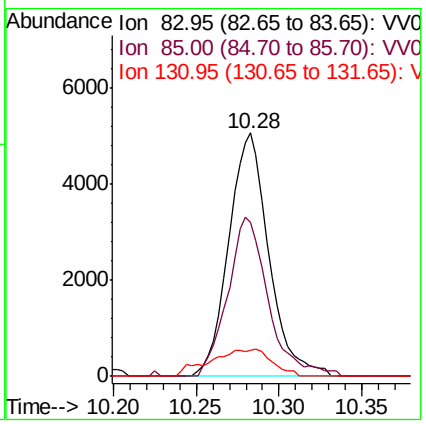


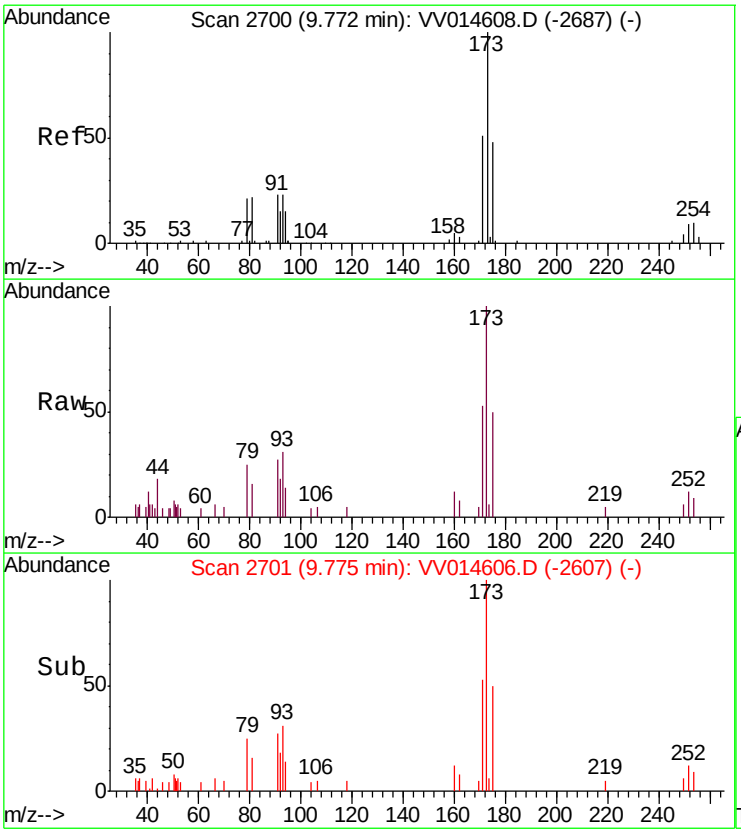
#57
1,1,2,2-Tetrachloroethane
Concen: 0.472 ug/L
RT: 10.28 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Instrument : MSVOA_V
ClientSampleId : VSTD0.5701

Tgt Ion: 83 Resp: 8491

Ion	Ratio	Lower	Upper
83	100		
85	63.4	44.6	82.8
131	10.9	8.1	12.1

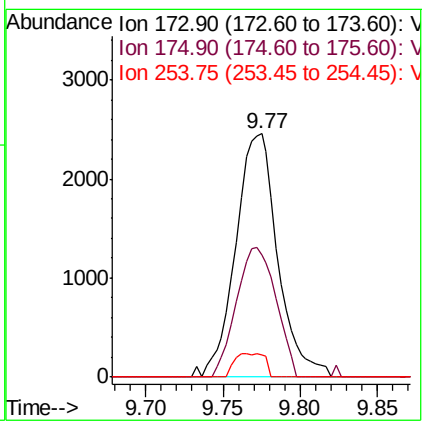


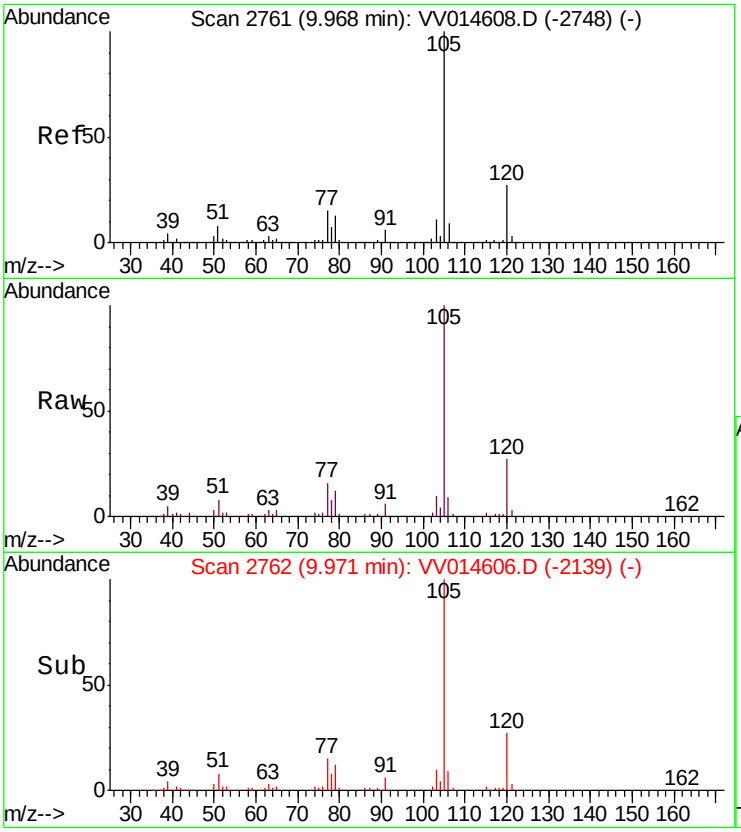


#59
Bromoform
Concen: 0.495 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Tgt Ion:173 Resp: 4661

Ion	Ratio	Lower	Upper
173	100		
175	50.0	40.0	60.0
254	7.0	8.2	12.2#



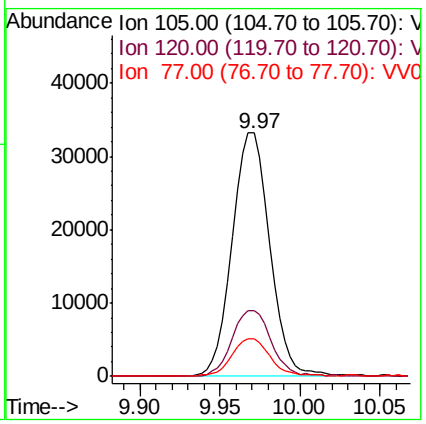


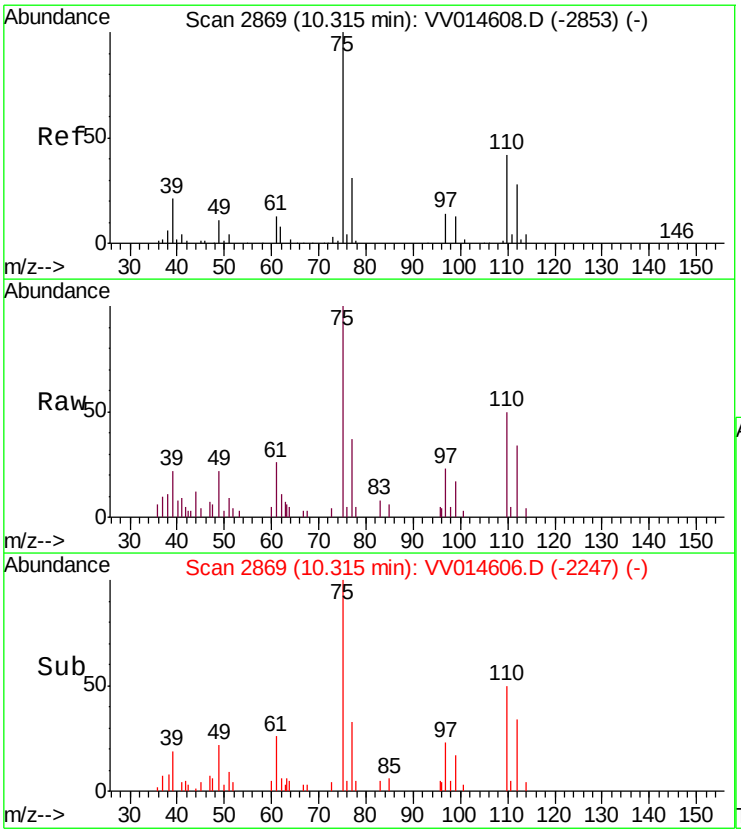
#60
Isopropylbenzene
Concen: 0.476 ug/L
RT: 9.97 min Scan# 2762
Delta R.T. 0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5701

Tgt Ion:105 Resp: 53195

Ion	Ratio	Lower	Upper
105	100		
120	28.2	21.3	31.9
77	15.8	12.2	18.4

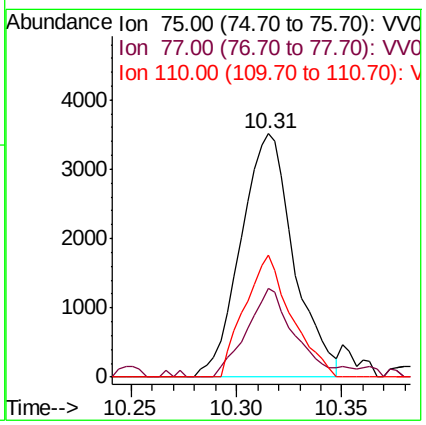


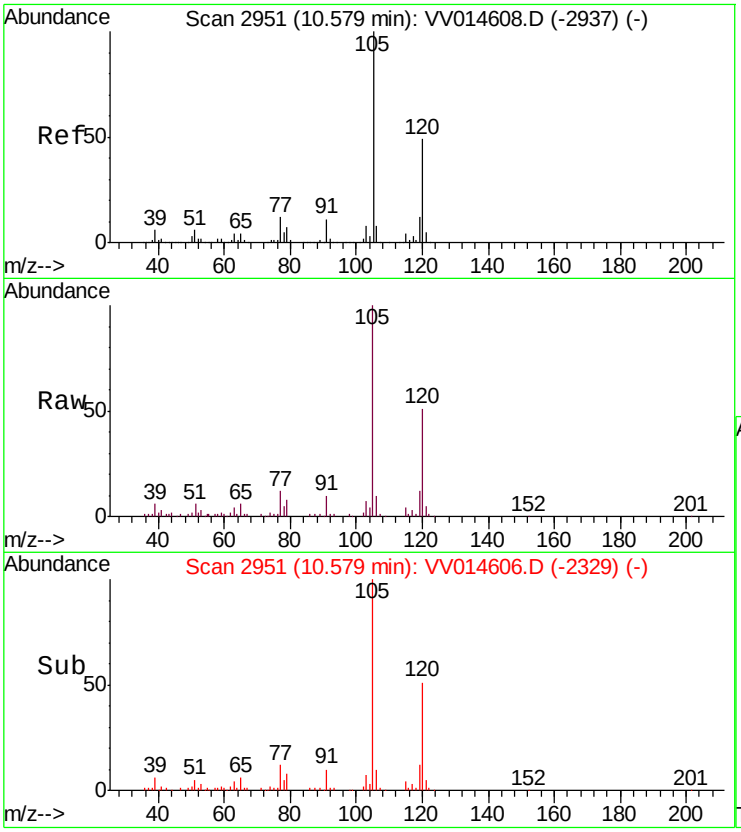


#61
1,2,3-Trichloropropane
Concen: 0.460 ug/L
RT: 10.31 min Scan# 2869
Delta R.T. 0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Tgt Ion: 75 Resp: 6137

Ion	Ratio	Lower	Upper
75	100		
77	32.6	26.3	39.5
110	44.2	33.6	50.4



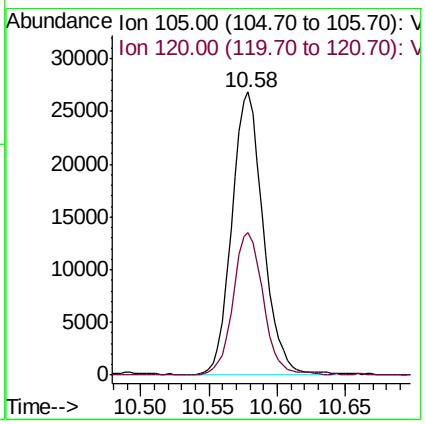


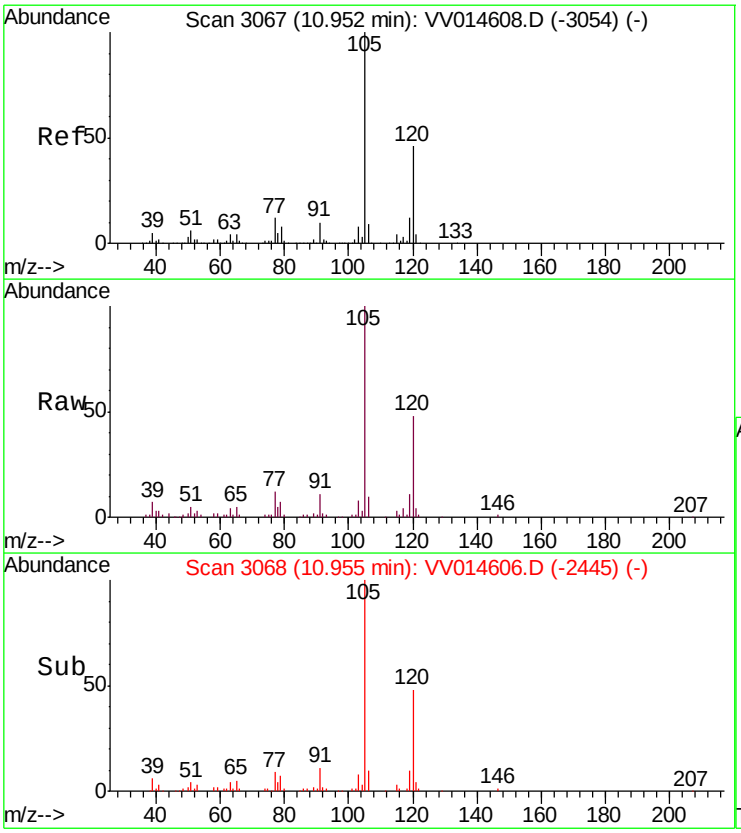
#62
1,3,5-Trimethylbenzene
Concen: 0.458 ug/L
RT: 10.58 min Scan# 2951
Delta R.T. 0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5701

Tgt Ion:105 Resp: 43061

Ion	Ratio	Lower	Upper
105	100		
120	48.4	38.7	58.1

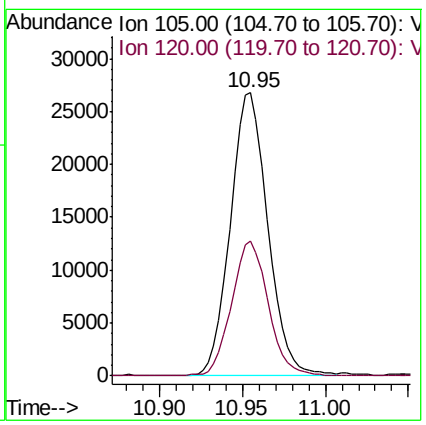


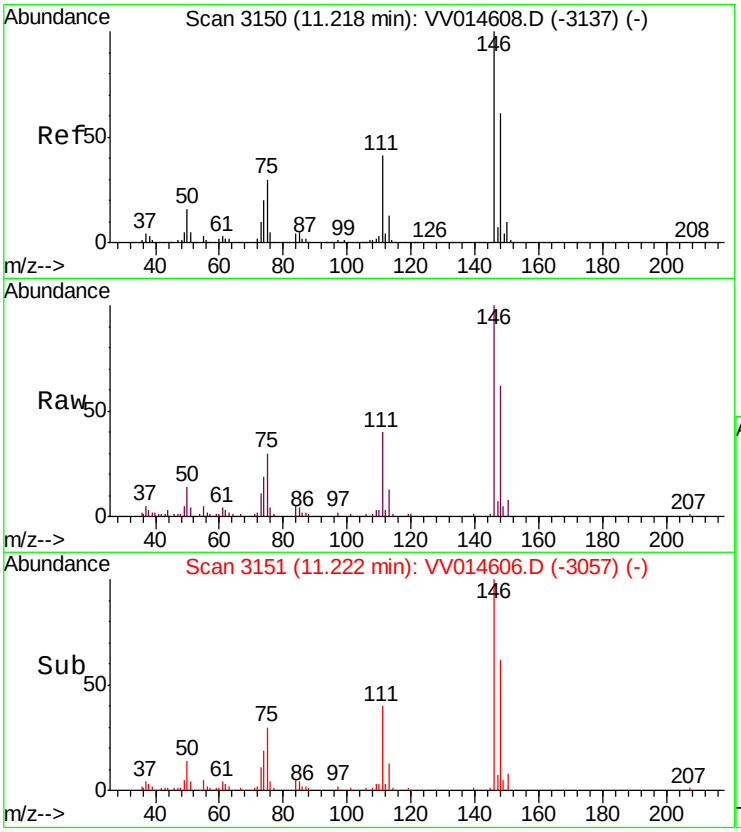


#63
1,2,4-Trimethylbenzene
Concen: 0.451 ug/L
RT: 10.95 min Scan# 3068
Delta R.T. 0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Tgt Ion:105 Resp: 42164

Ion	Ratio	Lower	Upper
105	100		
120	46.5	36.5	54.7



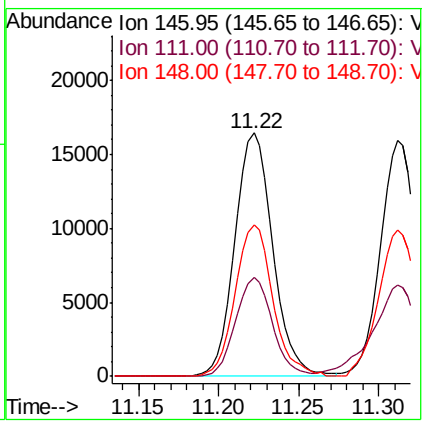


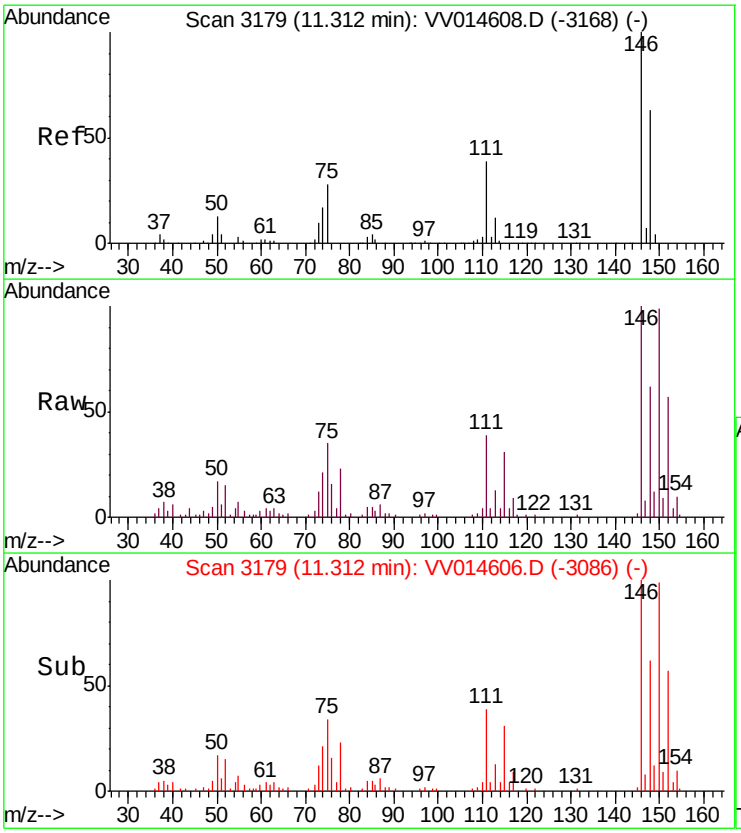
#64
1,3-Dichlorobenzene
Concen: 0.562 ug/L
RT: 11.22 min Scan# 3151
Delta R.T. 0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5701

Tgt Ion:146 Resp: 26581

Ion	Ratio	Lower	Upper
146	100		
111	40.5	28.4	52.8
148	62.1	43.0	79.8

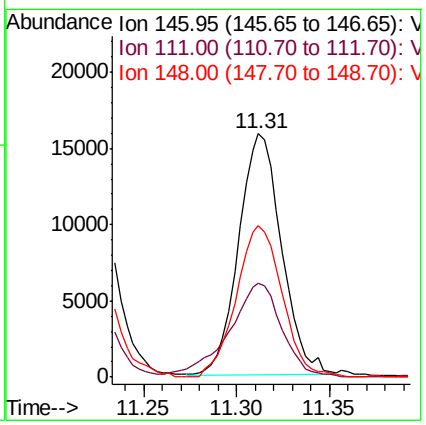


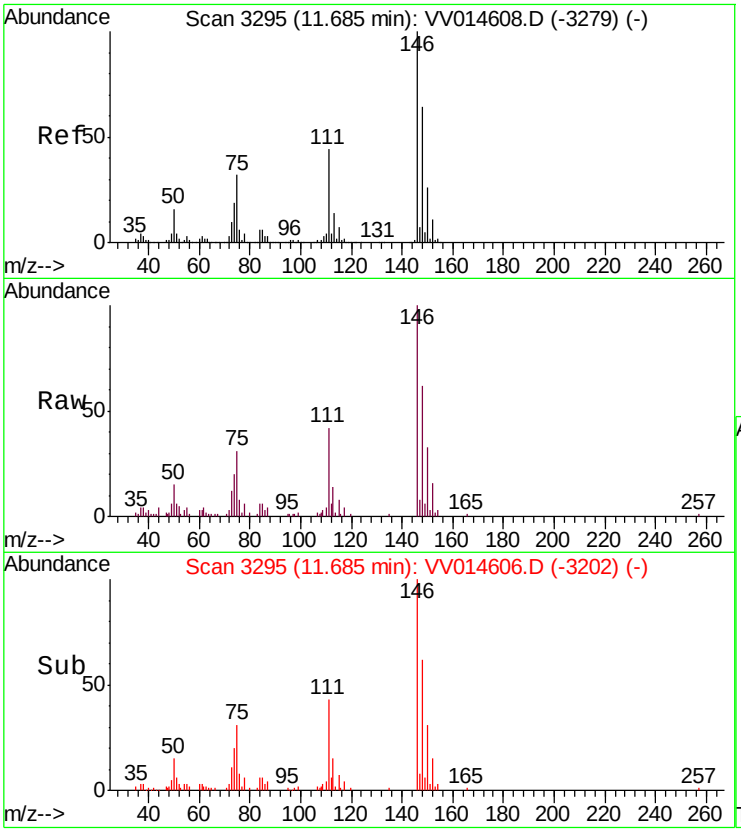


#65
1,4-Dichlorobenzene
Concen: 0.529 ug/L
RT: 11.31 min Scan# 3179
Delta R.T. 0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Tgt Ion:146 Resp: 25418

Ion	Ratio	Lower	Upper
146	100		
111	38.6	27.6	51.4
148	62.2	44.3	82.3



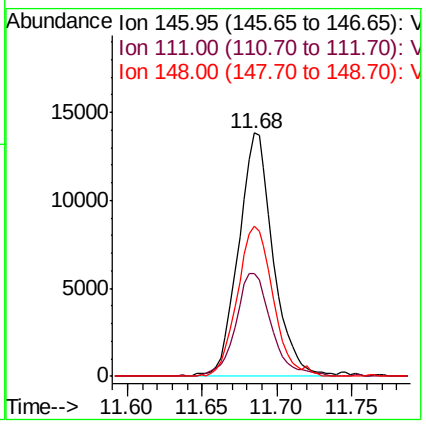


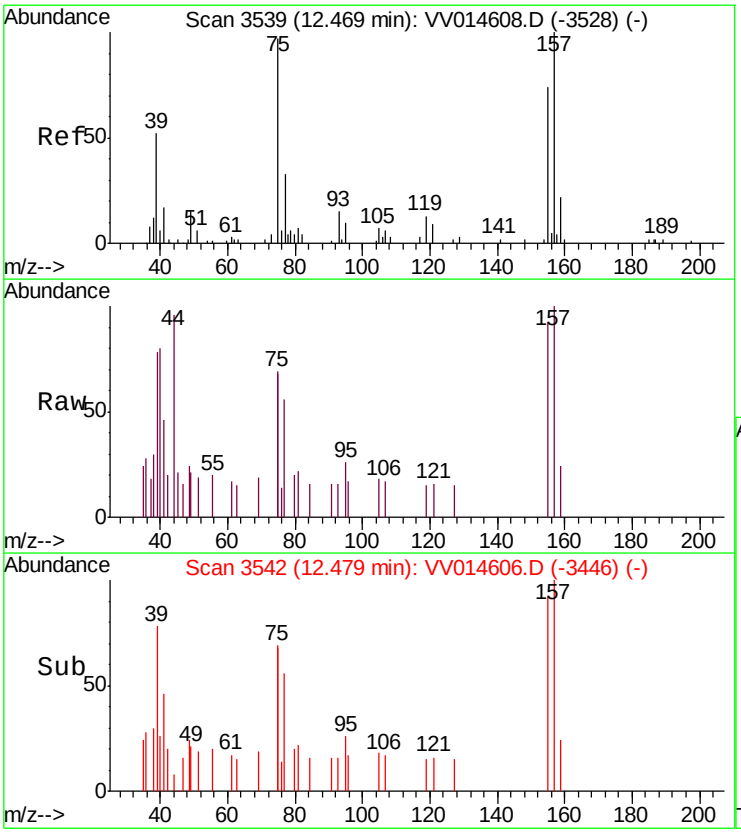
#67
1,2-Dichlorobenzene
Concen: 0.527 ug/L
RT: 11.68 min Scan# 3295
Delta R.T. 0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5701

Tgt Ion:146 Resp: 22289

Ion	Ratio	Lower	Upper
146	100		
111	42.3	35.0	52.4
148	61.5	51.4	77.0

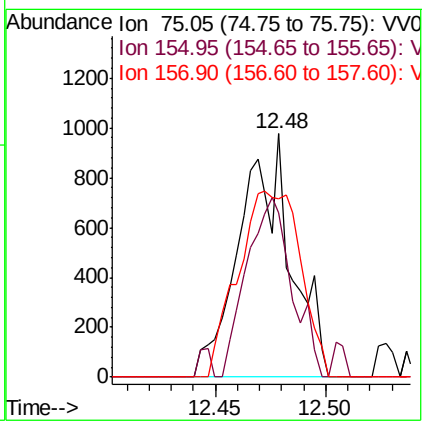


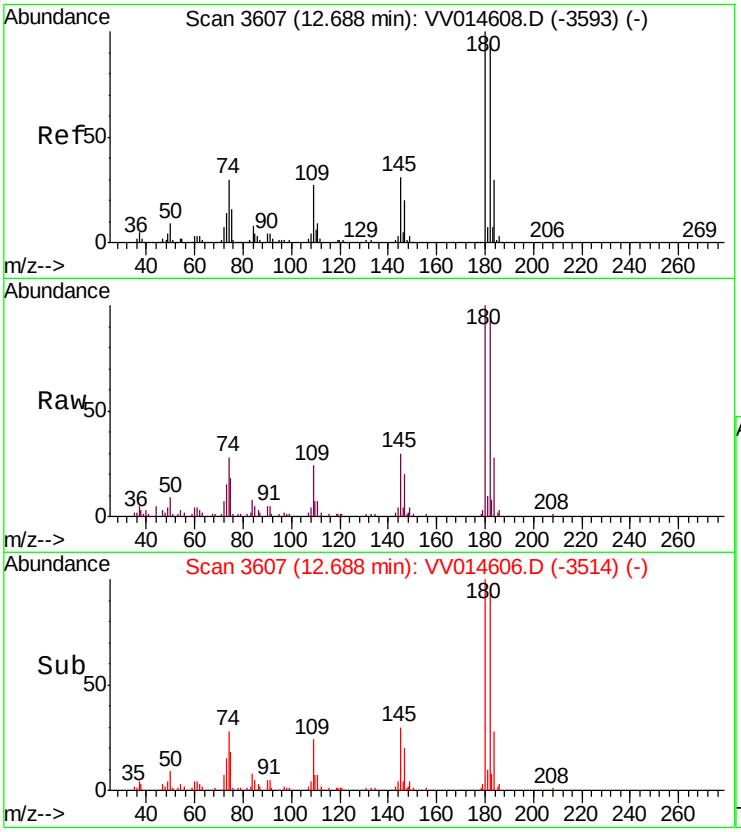


#68
1,2-Dibromo-3-chloropropane
Concen: 0.465 ug/L
RT: 12.48 min Scan# 3542
Delta R.T. 0.01 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Tgt Ion: 75 Resp: 1564

Ion	Ratio	Lower	Upper
75	100		
155	67.5	61.4	92.2
157	73.3	82.8	124.2#



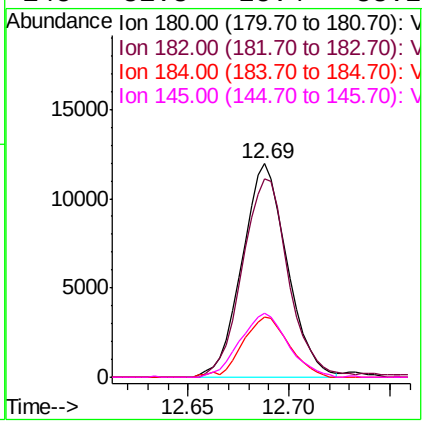


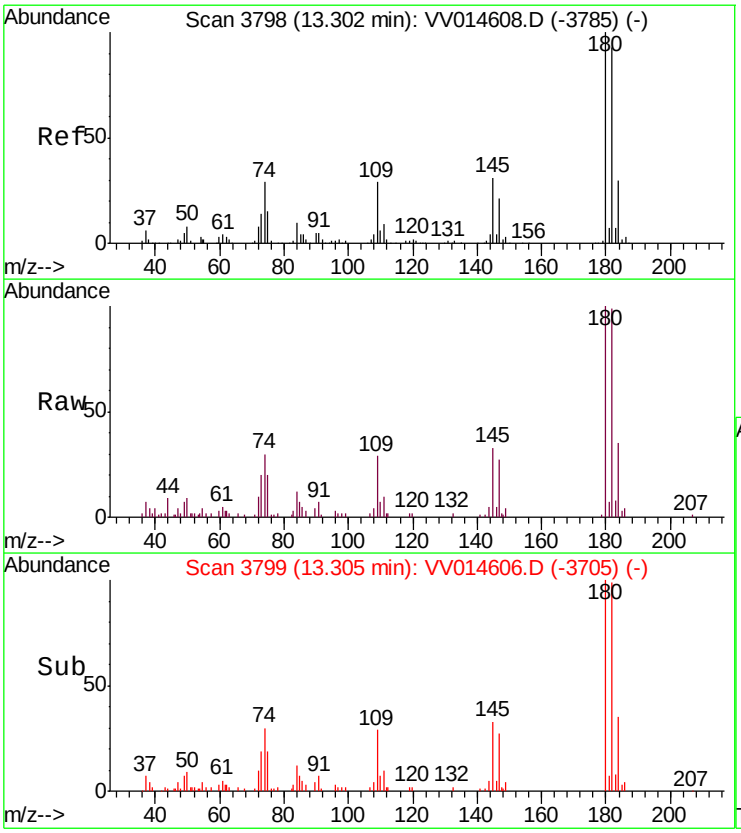
#69
1,3,5-Trichlorobenzene
Concen: 0.539 ug/L
RT: 12.69 min Scan# 3607
Delta R.T. 0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5701

Tgt Ion:180 Resp: 18769

Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.6	114.8
184	28.9	23.9	35.9
145	31.8	25.4	38.2

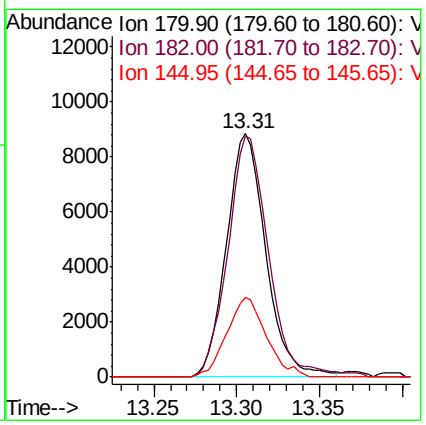


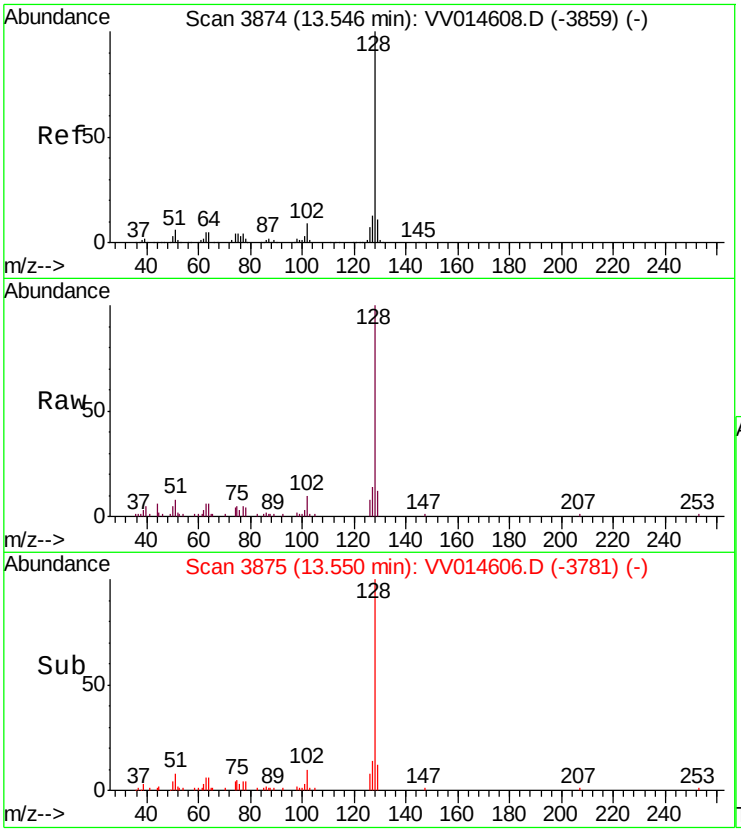


#70
1,2,4-trichlorobenzene
Concen: 0.498 ug/L
RT: 13.31 min Scan# 3799
Delta R.T. 0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Tgt Ion:180 Resp: 14636

Ion	Ratio	Lower	Upper
180	100		
182	102.4	75.7	113.5
145	32.8	25.1	37.7



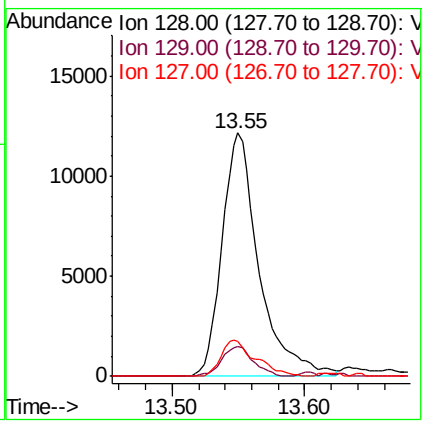


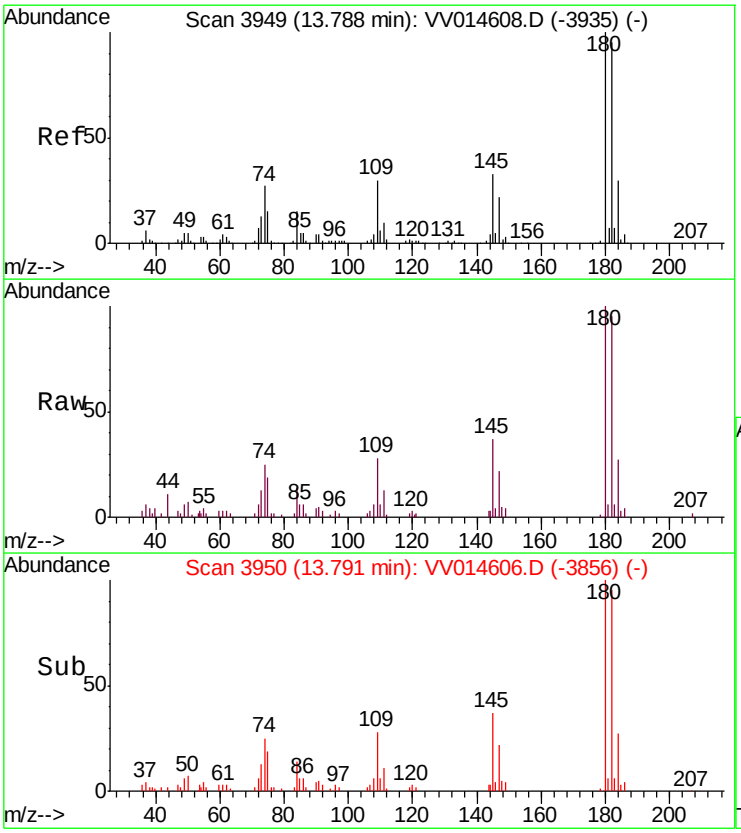
#71
Naphthalene
Concen: 0.440 ug/L
RT: 13.55 min Scan# 3875
Delta R.T. 0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Instrument : MSVOA_V
ClientSampleId : VSTD0.5701

Tgt Ion:128 Resp: 23491

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.7	13.1
127	13.8	10.4	15.6





#72
1,2,3-Trichlorobenzene
Concen: 0.505 ug/L
RT: 13.79 min Scan# 3950
Delta R.T. 0.00 min
Lab File: VV014606.D
Acq: 19 Feb 2020 14:55

Tgt Ion:180 Resp: 12837

Ion	Ratio	Lower	Upper
180	100		
182	100.5	75.0	112.6
145	37.5	26.7	40.1