Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090519\

Quantitation Report (Not Reviewed)

Data File : VV012586.D
Acq On : 05 Sep 2019 17:45
Operator : SY/MD
Sample : VSTD0.531
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD0.531

Quant Time: Sep 06 02:45:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 06 02:40:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	151858	5.00	ug/L		0.00
28) Chlorobenzene-d5	8.89	117	147895	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	58757	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	7542	0.51	ug/L		0.00
7) Chloroethane-d5	1.58	69	6475	0.44	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.13	63	16023	0.44	ug/L		0.00
20) 2-Butanone-d5	3.99	46	6464	2.28	ug/L		0.03
24) Chloroform-d	4.40	84	11235	0.49	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.09	65	6068	0.51	ug/L		0.00
32) Benzene-d6	5.10	84	18978	0.45	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.12	67	6296	0.48	ug/L		0.00
41) Toluene-d8	7.36	98	14295	0.38	ug/L		0.00
43) trans-1,3-Dichloropropene-	7.61	79	166	0.03	ug/L		-0.05
46) 2-Hexanone-d5	8.15	63	5664	3.17	ug/L		0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	4515	0.49	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	5790	0.54	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.14	85	7490	0.387	ug/L		92
3) Chloromethane	1.25	50	11001	0.478	ug/L		99
5) Vinyl chloride	1.32	62	10493	0.421	ug/L		98
6) Bromomethane	1.54	94	7111	0.479	ug/L		94
8) Chloroethane	1.60	64	6782	0.396	ug/L		94
9) Trichlorofluoromethane	1.77	101	15952	0.418	ug/L		100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	8956	0.419	ug/L		98
12) 1,1-Dichloroethene	2.14	96	8434	0.427	ug/L		98
13) Acetone	2.23	43	16078	4.076	ug/L		63
14) Carbon disulfide	2.32	76	27404	0.430	ug/L	#	95
15) Methyl Acetate	2.48	43	3697	0.380	ug/L	#	75
16) Methylene chloride	2.53	84	11286	0.499	ug/L		98
17) Methyl tert-butyl Ether	2.81	73	13277	0.398	ug/L	#	88
18) trans-1,2-Dichloroethene	2.79	96	6945	0.439	ug/L		96
19) 1,1-Dichloroethane	3.23	63	13156	0.433	ug/L		98
21) 2-Butanone	4.07	43	11730	3.076	ug/L		97
22) cis-1,2-Dichloroethene	3.96	96	6502	0.401	ug/L		80
23) Bromochloromethane	4.30	128	1554	0.237	ug/L		87
25) Chloroform	4.43	83	16593	0.518	ug/L		95
27) 1,2-Dichloroethane	5.19	62	7487	0.402	ug/L	#	94
29) 1,1,1-Trichloroethane	4.66	97	10499	0.427	ug/L		97
30) Cyclohexane	4.72	56	9681	0.383	ug/L	#	94
31) Carbon tetrachloride	4.87	117	9006	0.419	ug/L		99
33) Benzene	5.14	78	24852	0.408	ug/L		100
34) Trichloroethene	5.96	95	6973	0.412	ug/L		97
35) Methylcyclohexane	6.17	83	9522	0.371	ug/L		98
37) 1,2-Dichloropropane	6.22	63	6209	0.379	ug/L	#	89
38) Bromodichloromethane	6.56	83	8638	0.420	ug/L	#	99
39) cis-1,3-Dichloropropene	7.07	75	8383	0.401	ug/L		97
40) 4-Methyl-2-pentanone	7.29	43	33012	3.514	ug/L		95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090519\

Quantitation Report (Not Reviewed)

Data File : VV012586.D
Acq On : 05 Sep 2019 17:45
Operator : SY/MD
Sample : VSTD0.531
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD0.531

Quant Time: Sep 06 02:45:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 06 02:40:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	7.43	91	23897	0.360	ug/L		96
44) trans-1,3-Dichloropropene	7.69	75	5709	0.343	ug/L		95
45) 1,1,2-Trichloroethane	7.88	97	4913	0.479	ug/L		93
47) Tetrachloroethene	8.02	164	4999	0.411	ug/L		93
48) 2-Hexanone	8.20	43	21248	3.210	ug/L	#	96
49) Dibromochloromethane	8.29	129	4705	0.391	ug/L		93
50) 1,2-Dibromoethane	8.40	107	3829	0.418	ug/L	#	94
51) Chlorobenzene	8.93	112	16073	0.388	ug/L		95
52) Ethylbenzene	9.05	91	25207	0.352	ug/L		97
53) m,p-xylene	9.18	106	8483	0.325	ug/L		86
54) o-xylene	9.59	106	8208	0.334	ug/L		96
55) Styrene	9.60	104	11655	0.278	ug/L		98
56) Isopropylbenzene	9.97	105	20140	0.298	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.29	83	4360	0.384	ug/L	#	91
59) 1,2,3-Trichloropropane	10.32	75	4185	0.459	ug/L		98
61) Bromoform	9.78	173	2381	0.496	ug/L	#	94
62) 1,3-Dichlorobenzene	11.23	146	10718	0.423	ug/L		99
63) 1,4-Dichlorobenzene	11.32	146	10669	0.412	ug/L		94
65) 1,2-Dichlorobenzene	11.69	146	10202	0.438	ug/L		93
66) 1,2-Dibromo-3-chloropropan	12.48	75	724	0.463	ug/L	#	82
67) 1,3,5-Trichlorobenzene	12.69	180	6811	0.371	ug/L		94
68) 1,2,4-trichlorobenzene	13.31	180	4706	0.358	ug/L		99
69) Naphthalene	13.56	128	4903	0.253	ug/L	#	93
70) 1,2,3-Trichlorobenzene	13.80	180	3881	0.322	ug/L		99

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

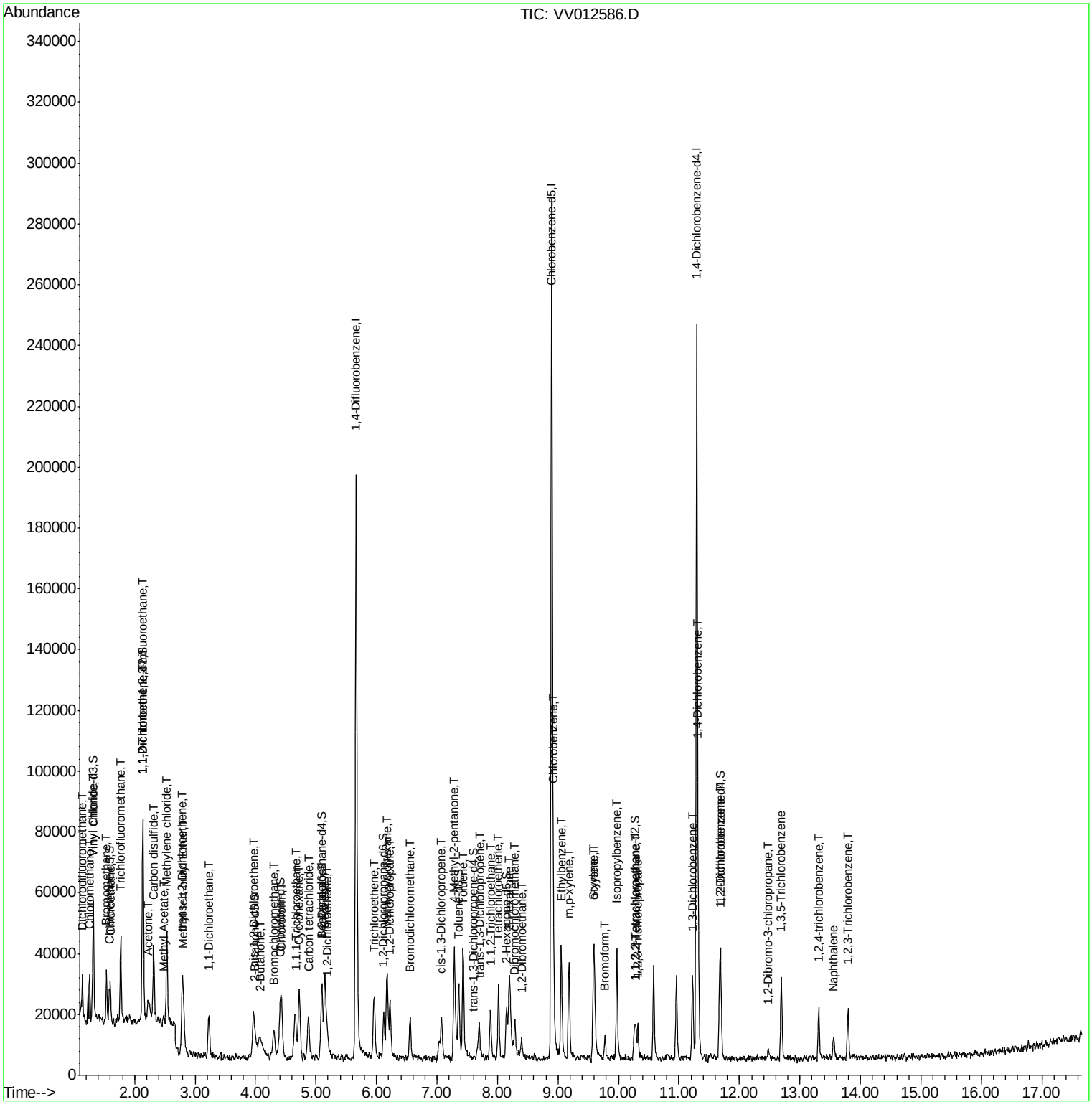
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090519\

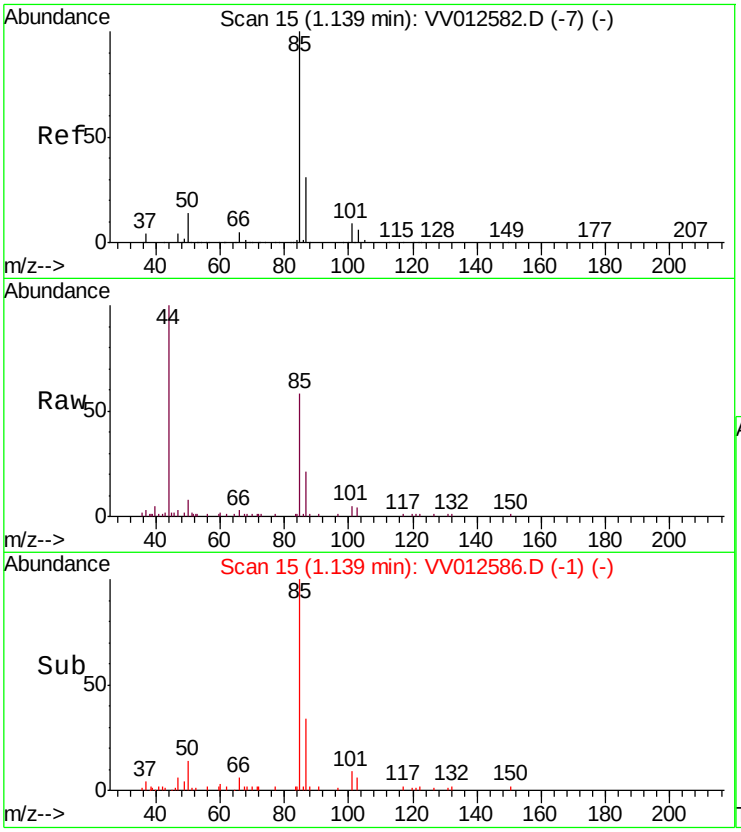
Quantitation Report (Not Reviewed)

Data File : VV012586.D
Acq On : 05 Sep 2019 17:45
Operator : SY/MD
Sample : VSTD0.531
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD0.531

Quant Time: Sep 06 02:45:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 06 02:40:30 2019
Response via : Initial Calibration



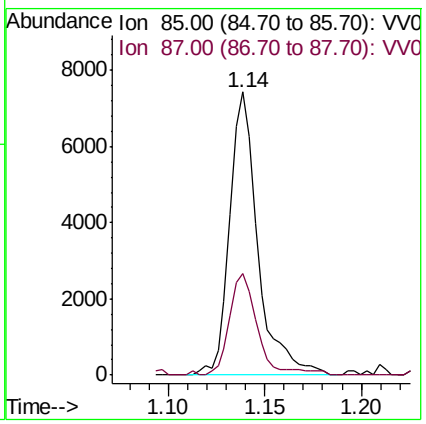


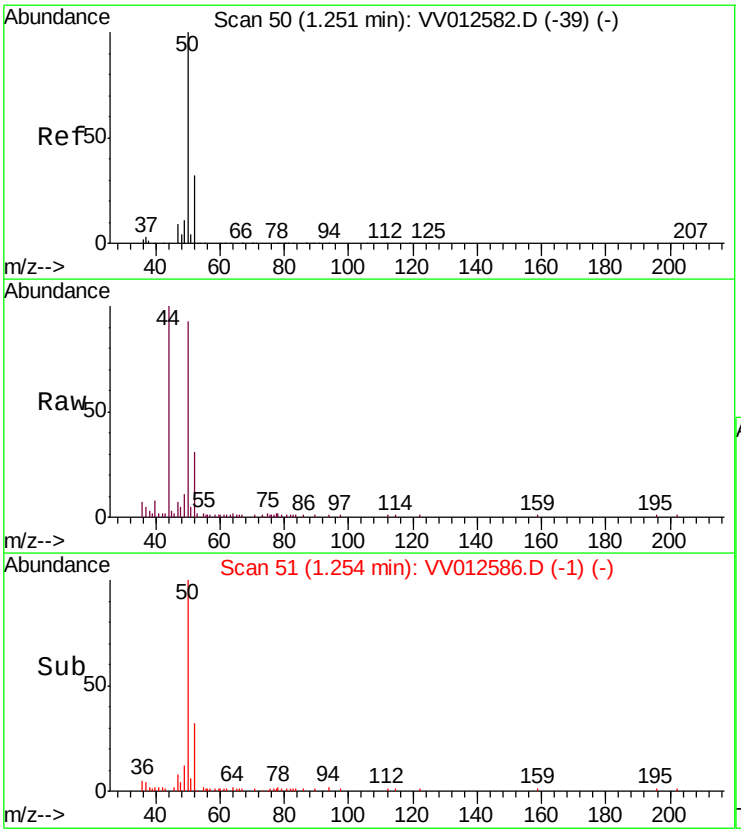
#2
Dichlorodifluoromethane
Concen: 0.387 ug/L
RT: 1.14 min Scan# 15
Delta R.T. 0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.531

Tgt Ion: 85 Resp: 7490

Ion	Ratio	Lower	Upper
85	100		
87	35.7	25.2	37.8

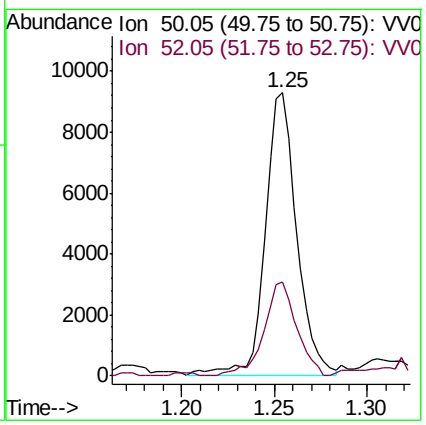


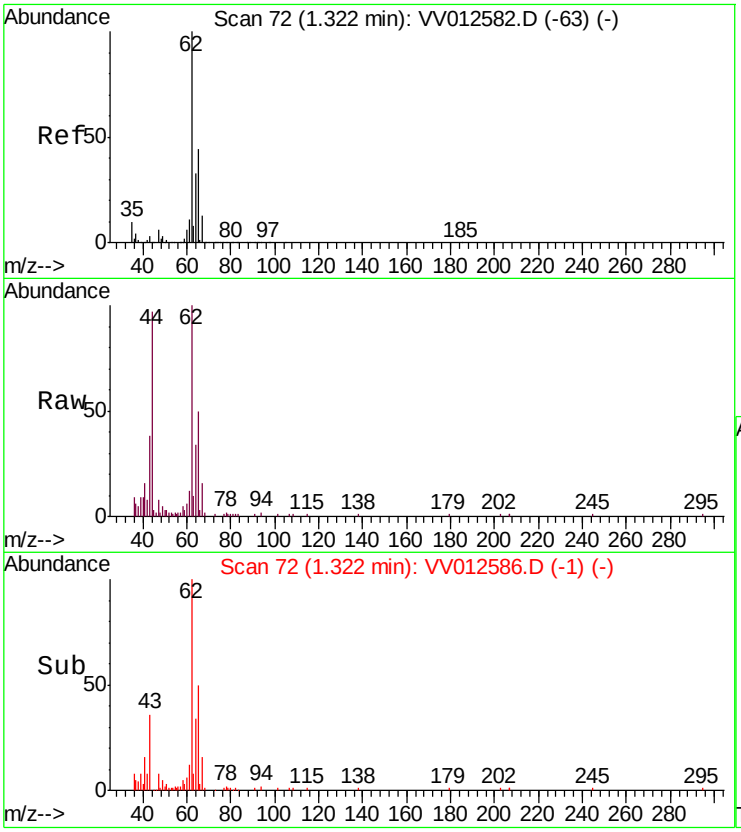


#3
Chloromethane
Concen: 0.478 ug/L
RT: 1.25 min Scan# 51
Delta R.T. 0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Tgt Ion: 50 Resp: 11001

Ion	Ratio	Lower	Upper
50	100		
52	33.1	22.8	42.4



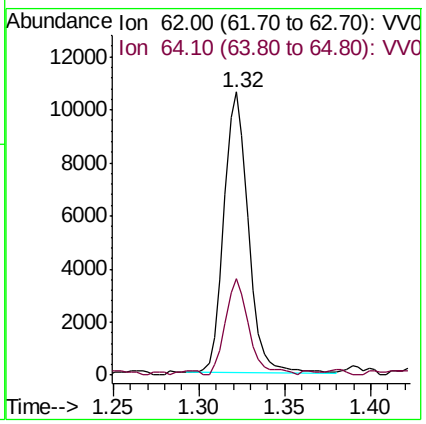


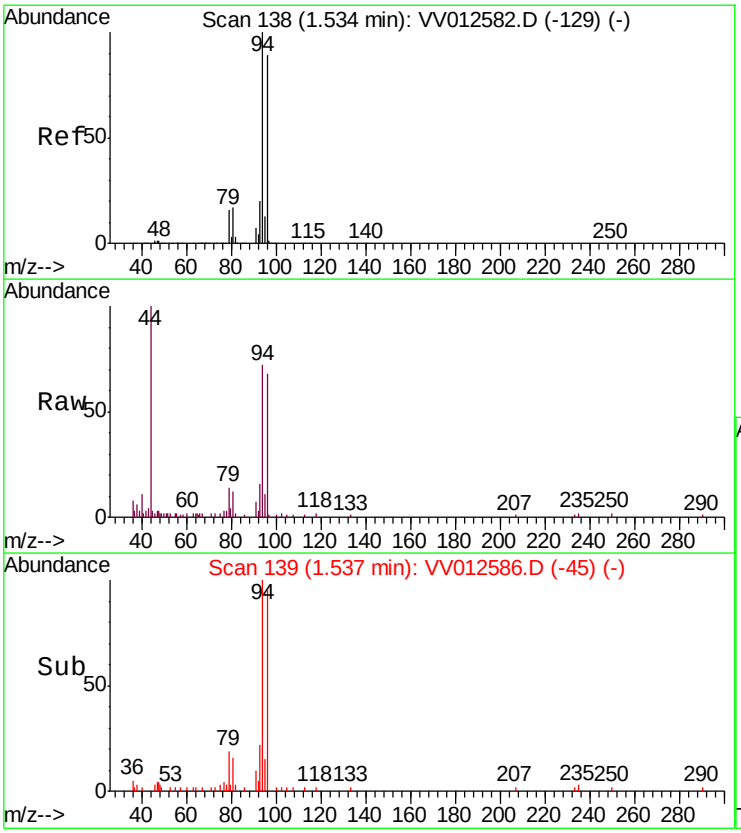
#5
Vinyl chloride
Concen: 0.421 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.531

Tgt Ion: 62 Resp: 10493

Ion	Ratio	Lower	Upper
62	100		
64	33.9	23.0	42.6

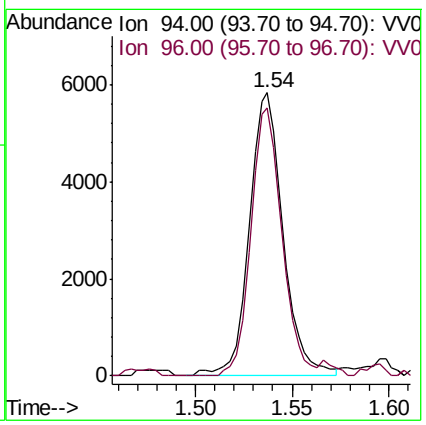


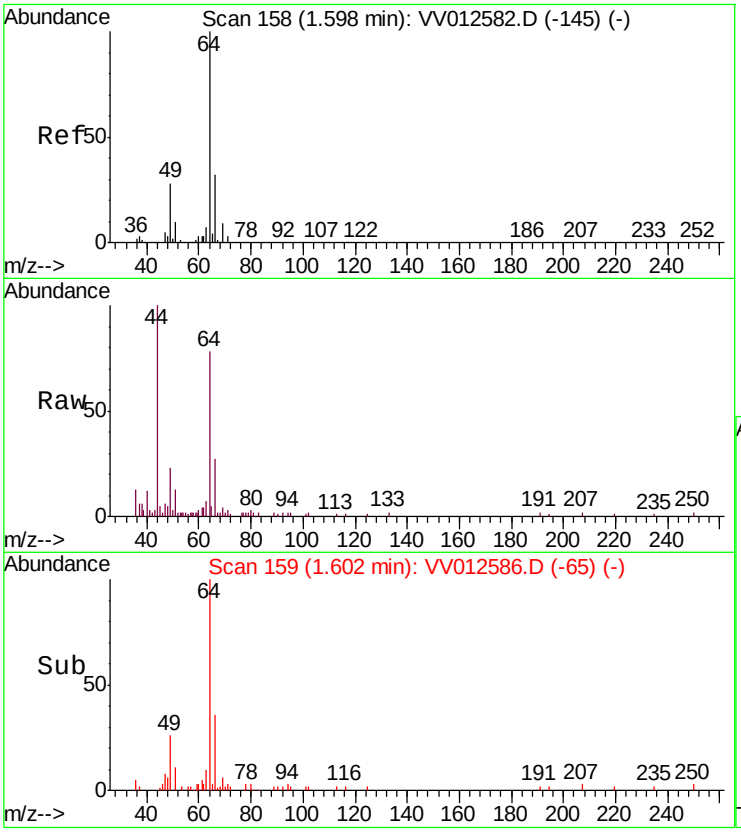


#6
Bromomethane
Concen: 0.479 ug/L
RT: 1.54 min Scan# 139
Delta R.T. 0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Tgt Ion: 94 Resp: 7111

Ion	Ratio	Lower	Upper
94	100		
96	94.7	62.6	116.3



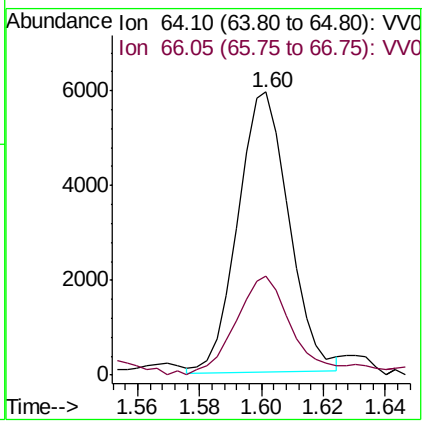


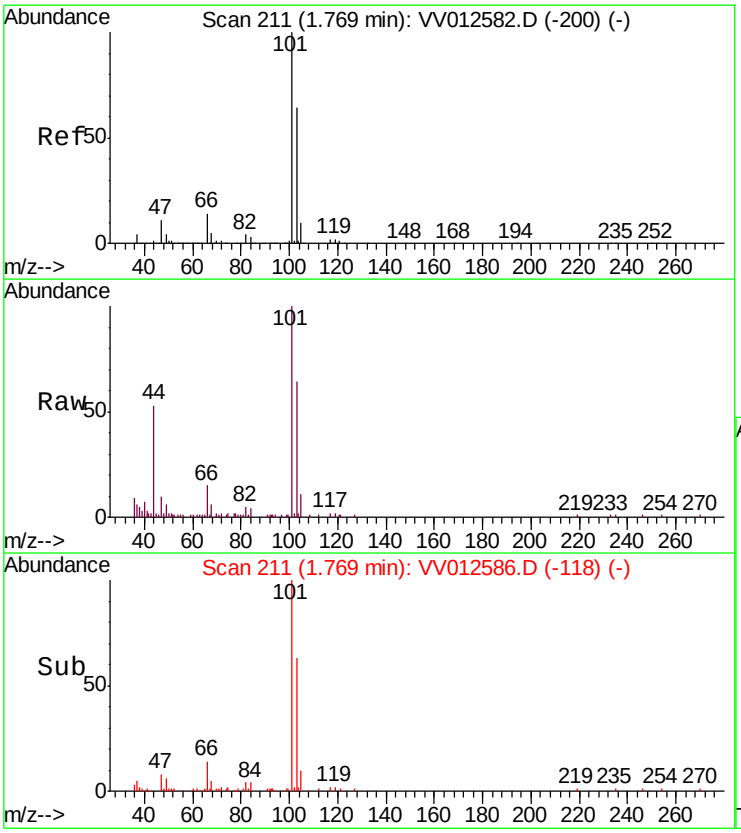
#8
Chloroethane
Concen: 0.396 ug/L
RT: 1.60 min Scan# 159
Delta R.T. 0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Instrument : MSVOA_V
ClientSampleId : VSTD0.531

Tgt Ion: 64 Resp: 6782

Ion	Ratio	Lower	Upper
64	100		
66	34.8	22.2	41.2

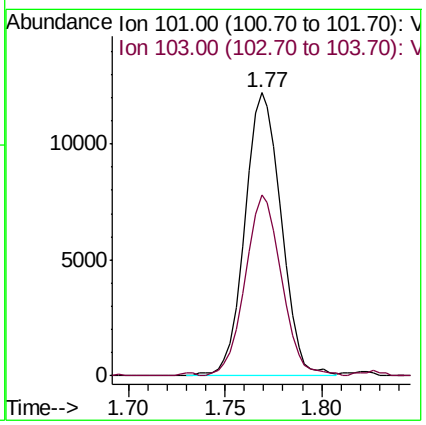


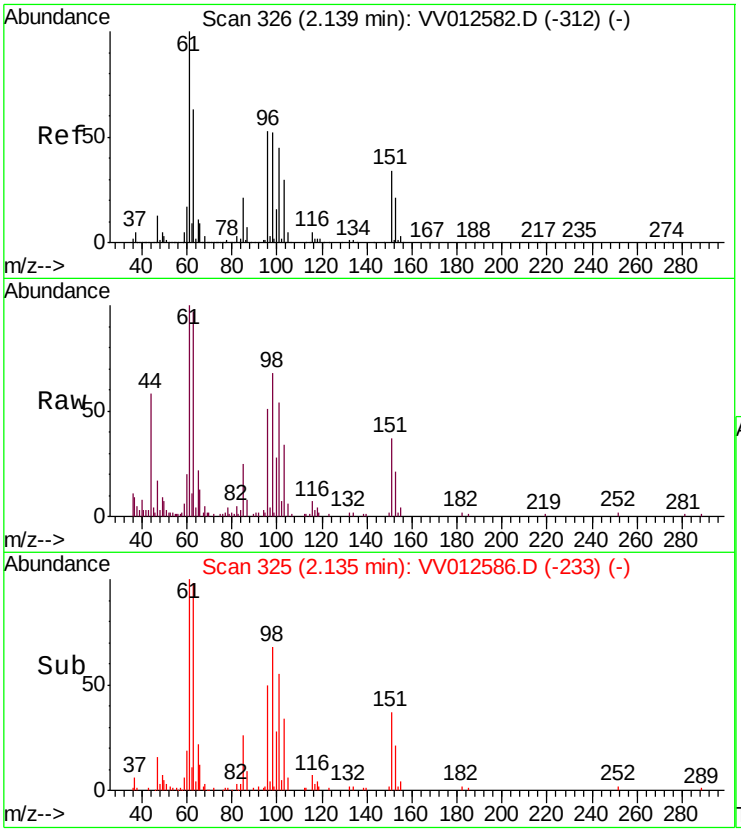


#9
Trichlorofluoromethane
Concen: 0.418 ug/L
RT: 1.77 min Scan# 211
Delta R.T. 0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Tgt Ion:101 Resp: 15952

Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.8	77.6



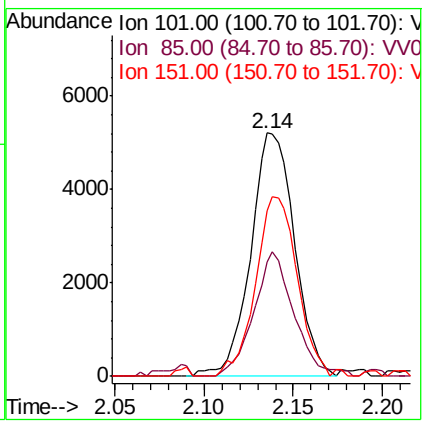


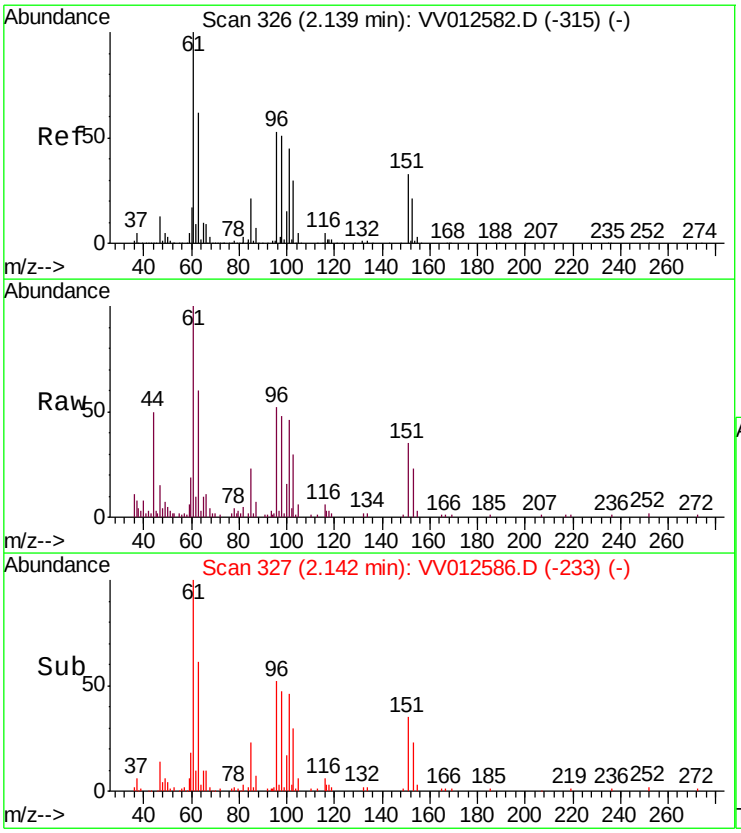
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.419 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Instrument : MSVOA_V
ClientSampleId : VSTD0.531

Tgt Ion:101 Resp: 8956

Ion	Ratio	Lower	Upper
101	100		
85	47.3	37.4	56.0
151	70.1	58.2	87.4

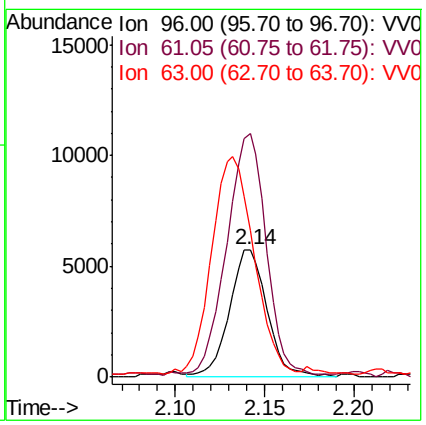


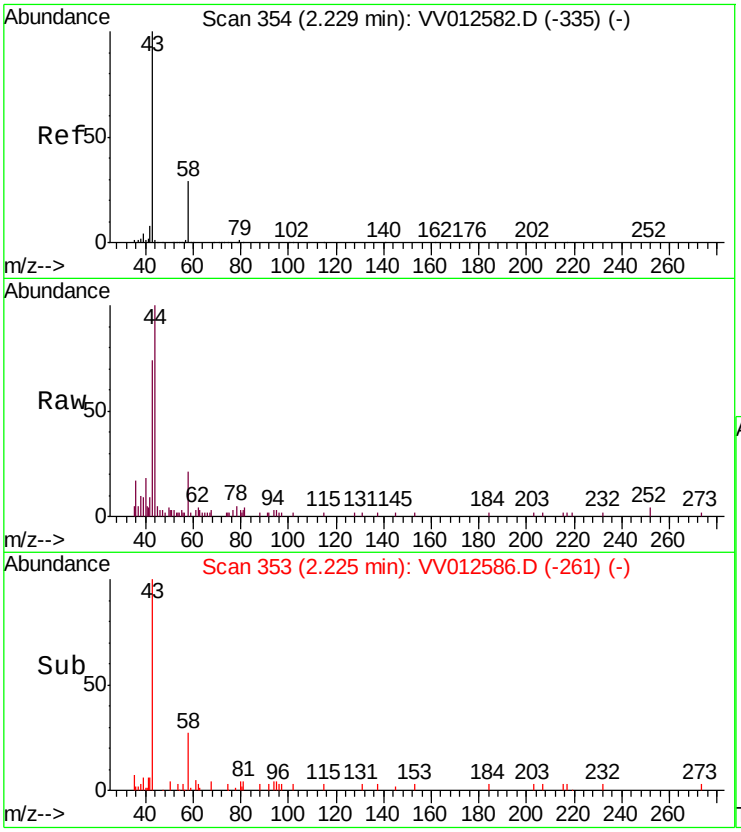


#12
1,1-Dichloroethene
Concen: 0.427 ug/L
RT: 2.14 min Scan# 327
Delta R.T. 0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Tgt Ion: 96 Resp: 8434

Ion	Ratio	Lower	Upper
96	100		
61	190.7	132.7	246.5
63	115.0	84.1	156.1



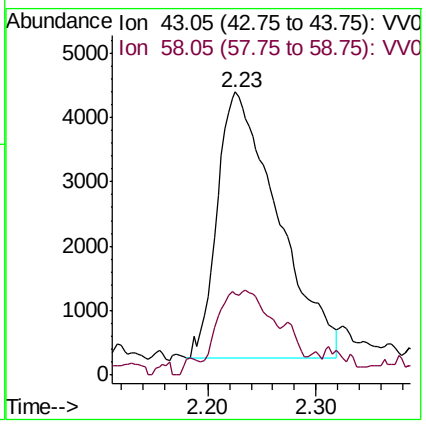


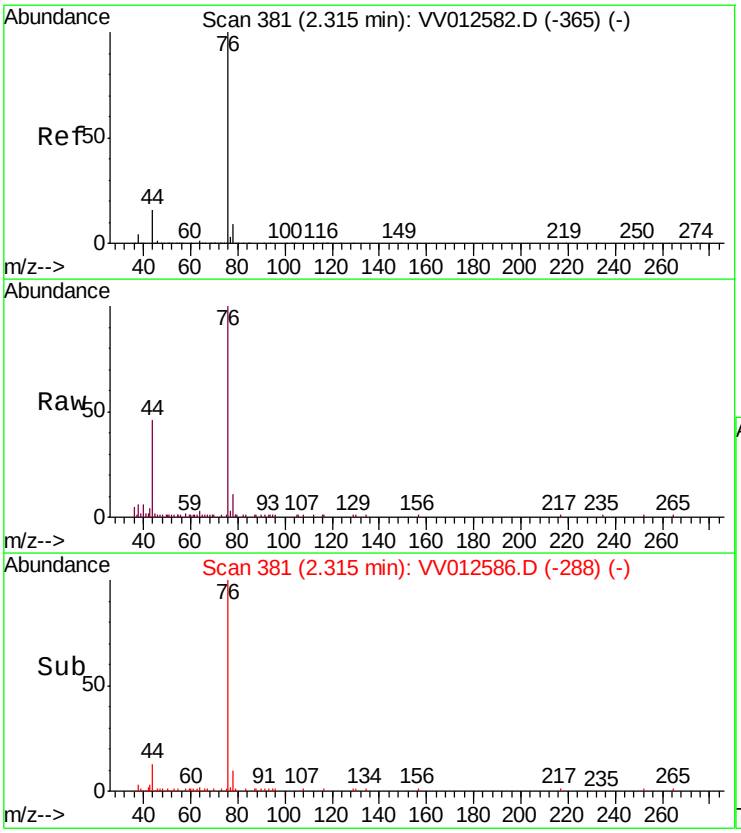
#13
Acetone
Concen: 4.076 ug/L
RT: 2.23 min Scan# 353
Delta R.T. -0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Instrument : MSVOA_V
ClientSampleId : VSTD0.531

Tgt Ion: 43 Resp: 16078

Ion	Ratio	Lower	Upper
43	100		
58	9.1	0.0	57.0

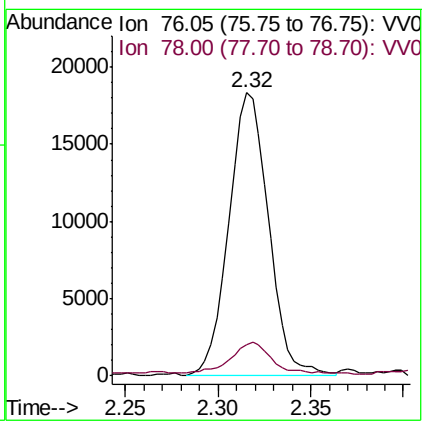


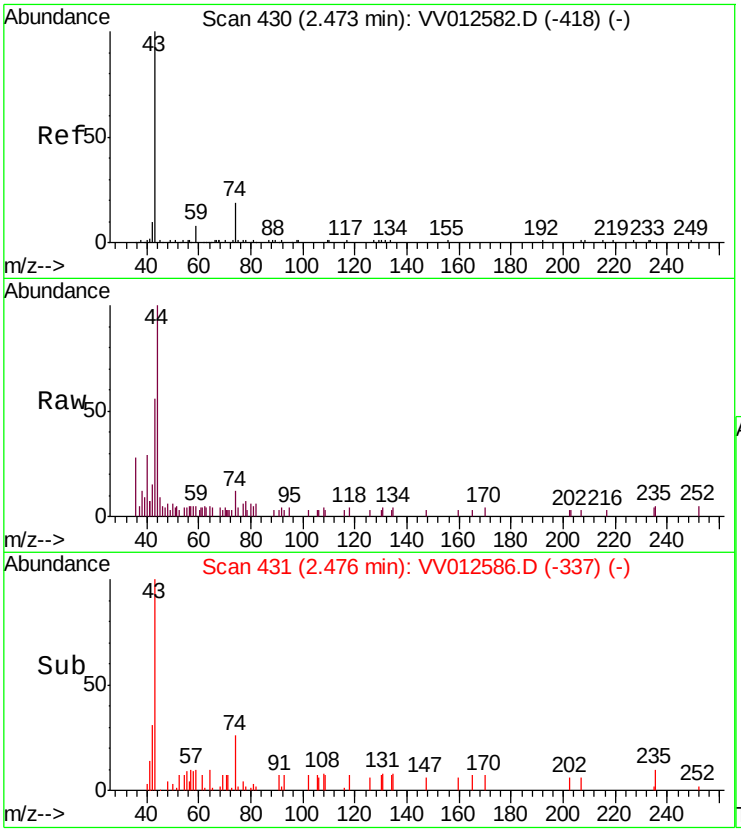


#14
Carbon disulfide
Concen: 0.430 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Tgt Ion: 76 Resp: 27404

Ion	Ratio	Lower	Upper
76	100		
78	11.2	7.4	11.0#



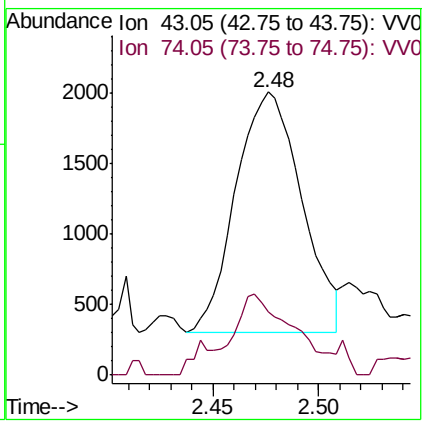


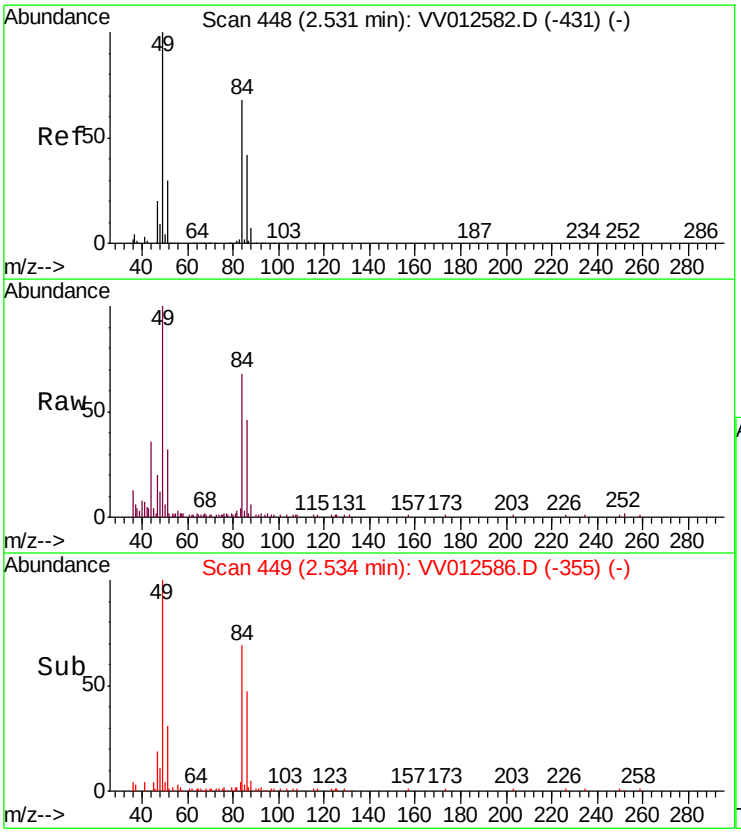
#15
Methyl Acetate
Concen: 0.380 ug/L
RT: 2.48 min Scan# 431
Delta R.T. 0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.531

Tgt Ion: 43 Resp: 3697

Ion	Ratio	Lower	Upper
43	100		
74	30.0	14.9	22.3#

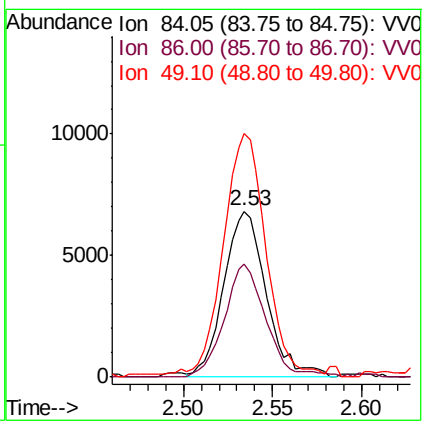


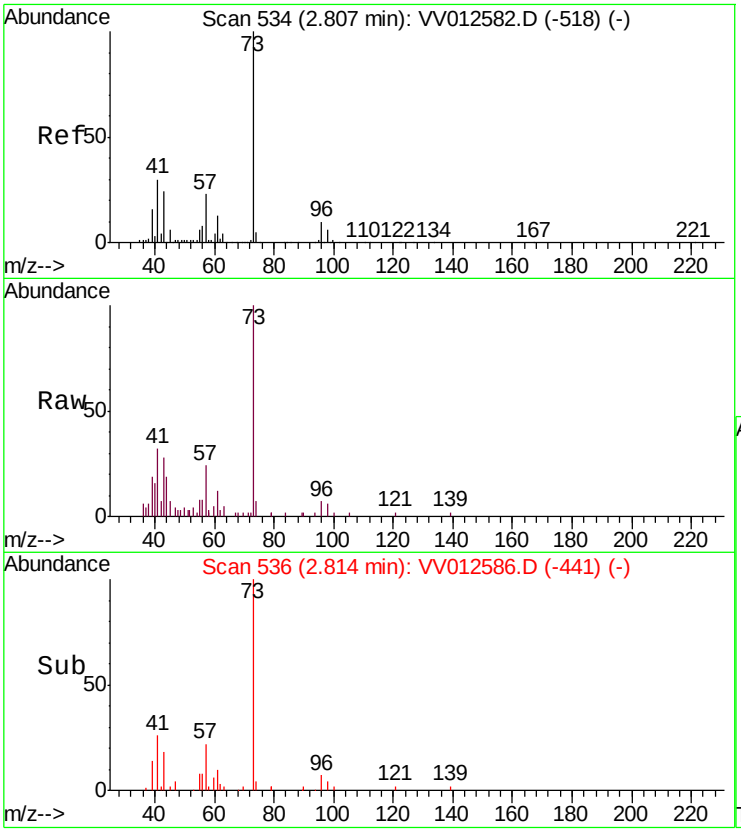


#16
Methylene chloride
Concen: 0.499 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Tgt Ion: 84 Resp: 11286

Ion	Ratio	Lower	Upper
84	100		
86	67.8	43.6	81.0
49	146.5	103.0	191.2



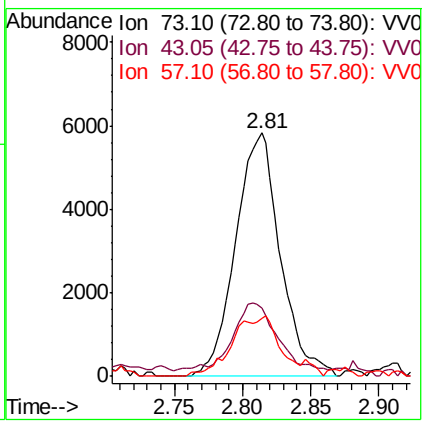


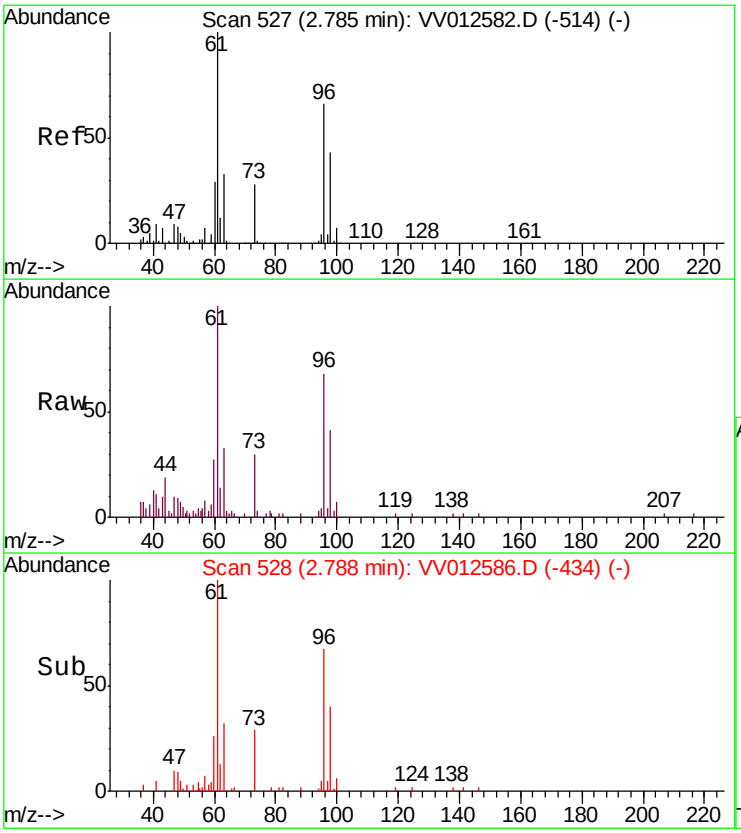
#17
Methyl tert-butyl Ether
Concen: 0.398 ug/L
RT: 2.81 min Scan# 536
Delta R.T. 0.01 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Instrument : MSVOA_V
ClientSampleId : VSTD0.531

Tgt Ion: 73 Resp: 13277

Ion	Ratio	Lower	Upper
73	100		
43	25.2	18.9	28.3
57	13.2	18.9	28.3#

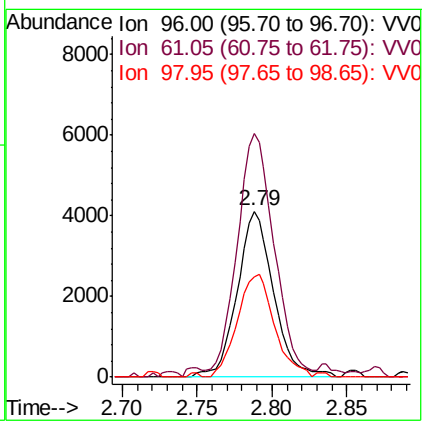


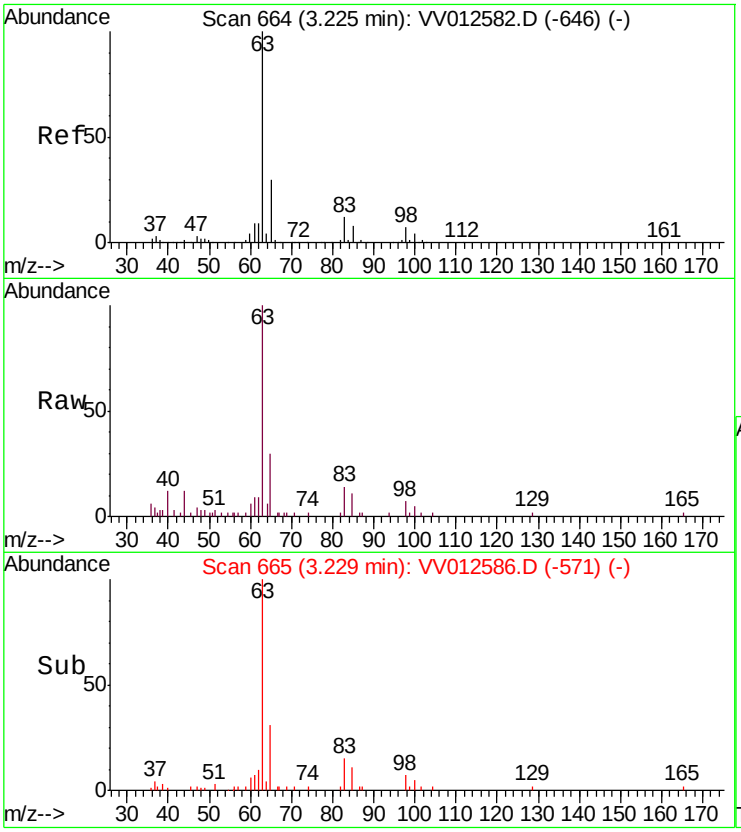


#18
trans-1,2-Dichloroethene
Concen: 0.439 ug/L
RT: 2.79 min Scan# 528
Delta R.T. 0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Tgt Ion: 96 Resp: 6945

Ion	Ratio	Lower	Upper
96	100		
61	147.0	105.6	196.0
98	60.6	45.2	84.0



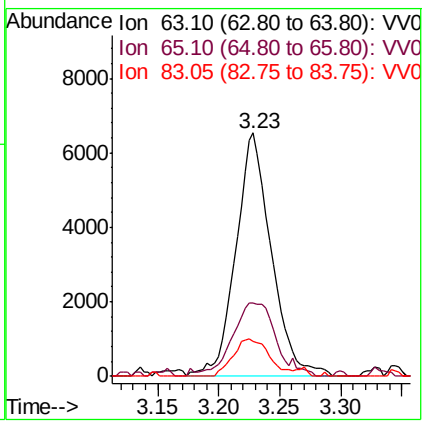


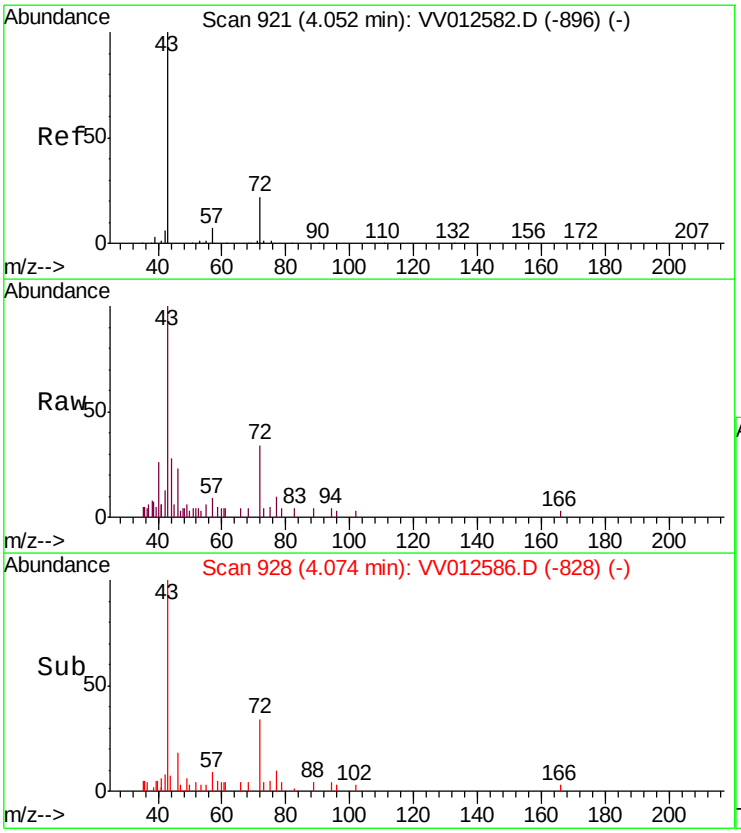
#19
1,1-Dichloroethane
Concen: 0.433 ug/L
RT: 3.23 min Scan# 665
Delta R.T. 0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Instrument : MSVOA_V
ClientSampleId : VSTD0.531

Tgt Ion: 63 Resp: 13156

Ion	Ratio	Lower	Upper
63	100		
65	30.1	20.9	38.9
83	14.4	8.8	16.3

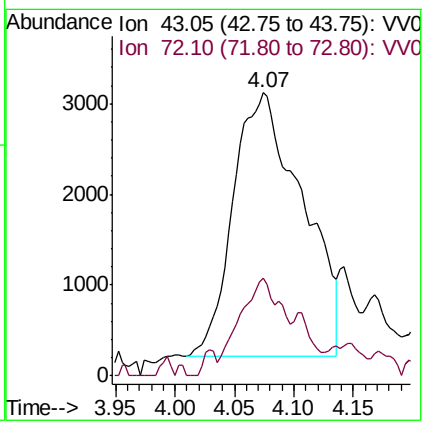


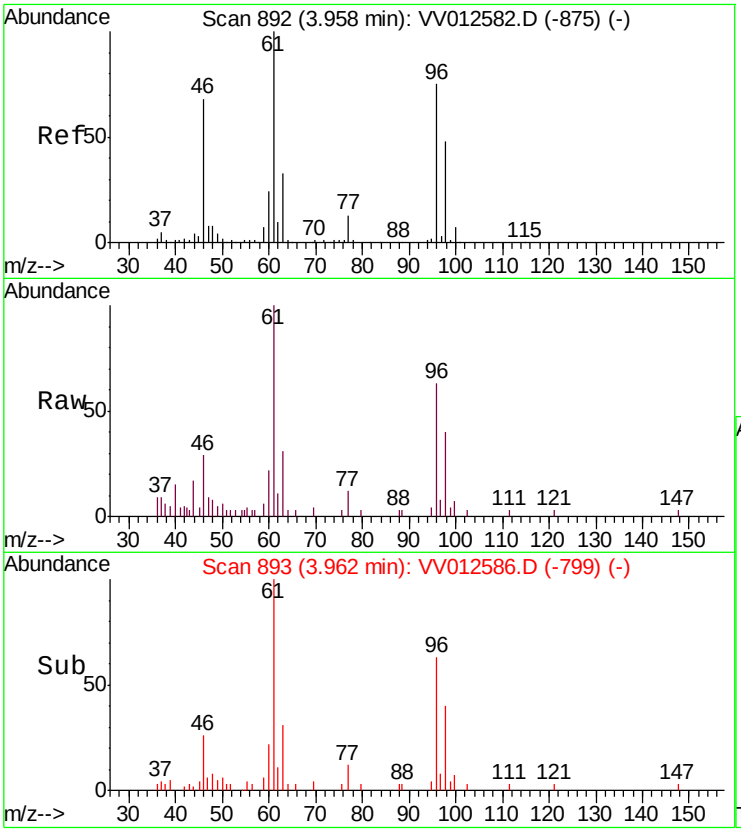


#21
2-Butanone
Concen: 3.076 ug/L
RT: 4.07 min Scan# 928
Delta R.T. 0.02 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Tgt Ion: 43 Resp: 11730

Ion	Ratio	Lower	Upper
43	100		
72	22.3	10.5	31.6



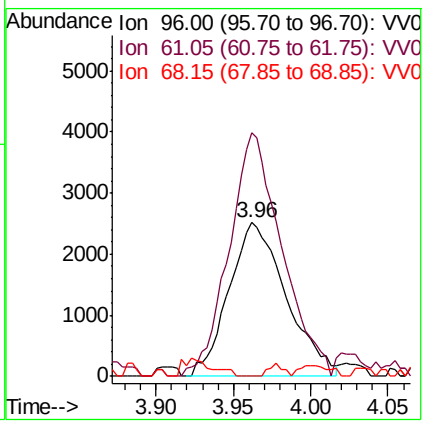


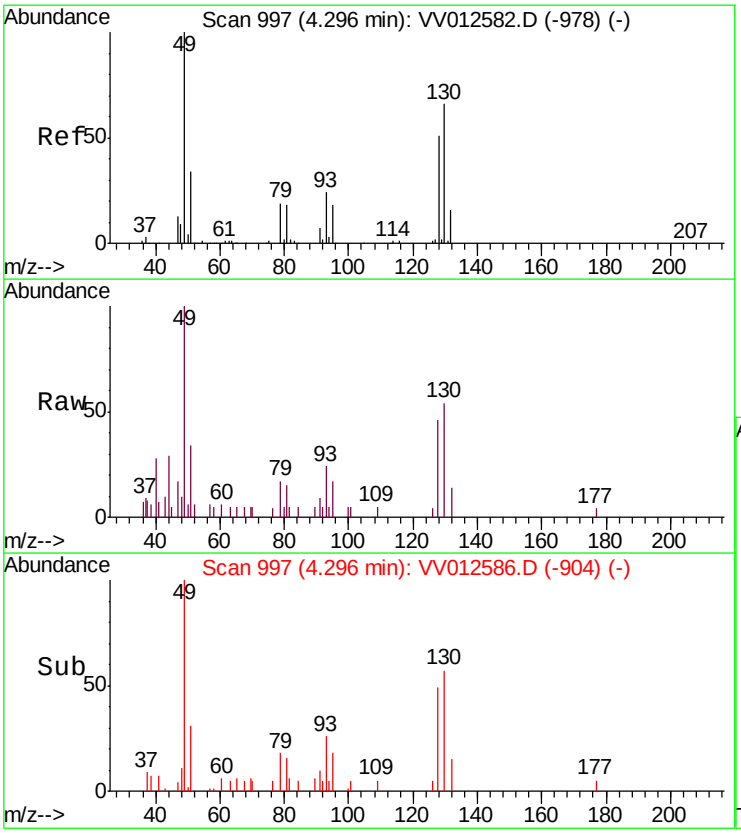
#22
cis-1,2-Dichloroethene
Concen: 0.401 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.531

Tgt Ion: 96 Resp: 6502

Ion	Ratio	Lower	Upper
96	100		
61	158.3	93.9	174.5
68	0.0	0.0	0.0

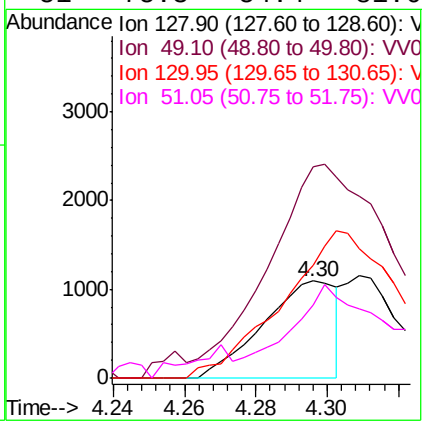


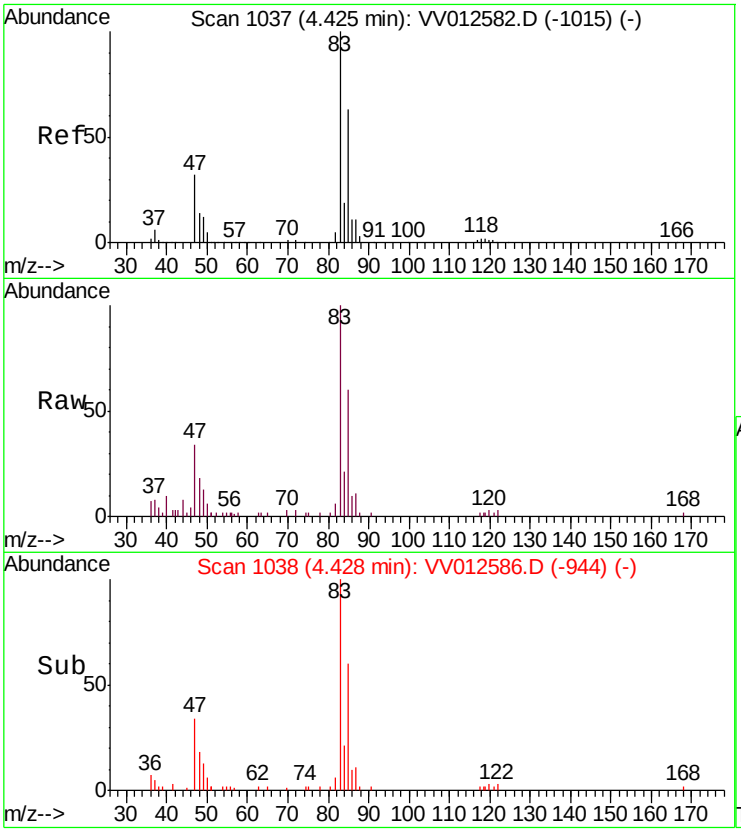


#23
Bromochloromethane
Concen: 0.237 ug/L
RT: 4.30 min Scan# 997
Delta R.T. 0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Tgt Ion:128 Resp: 1554

Ion	Ratio	Lower	Upper
128	100		
49	218.4	137.1	254.7
130	116.8	90.9	168.9
51	75.3	54.4	81.6



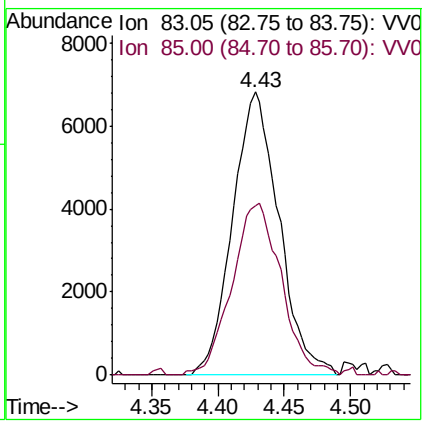


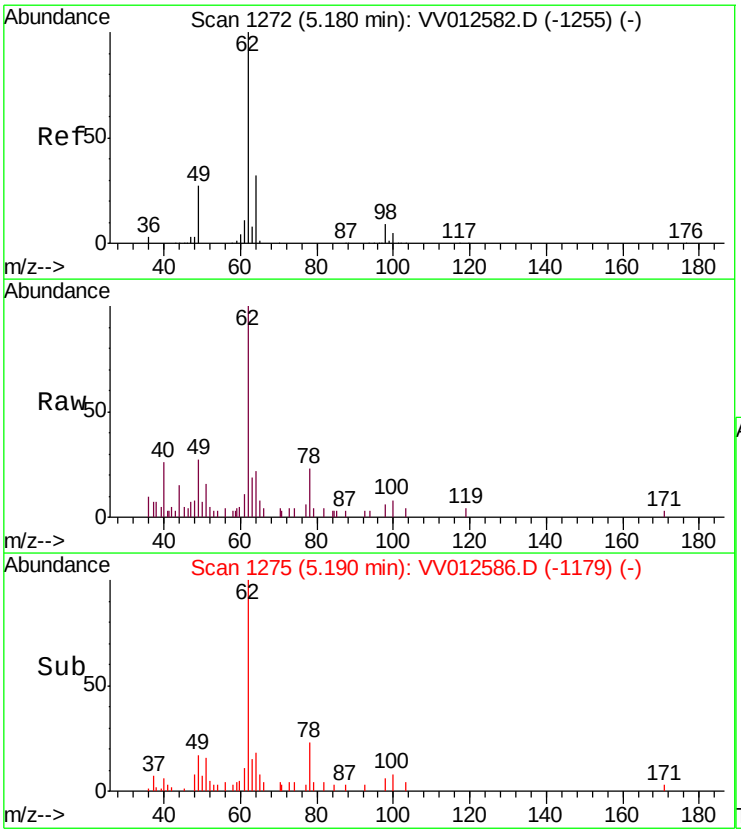
#25
Chloroform
Concen: 0.518 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Instrument : MSVOA_V
ClientSampleId : VSTD0.531

Tgt Ion: 83 Resp: 16593

Ion	Ratio	Lower	Upper
83	100		
85	59.8	44.4	82.5

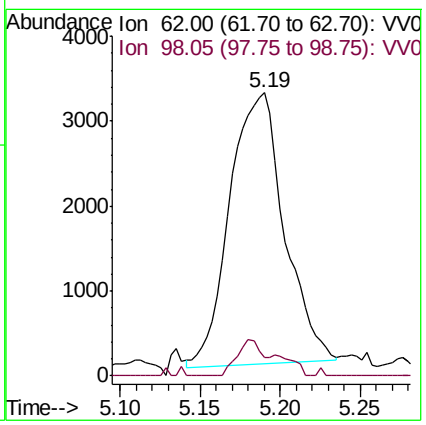


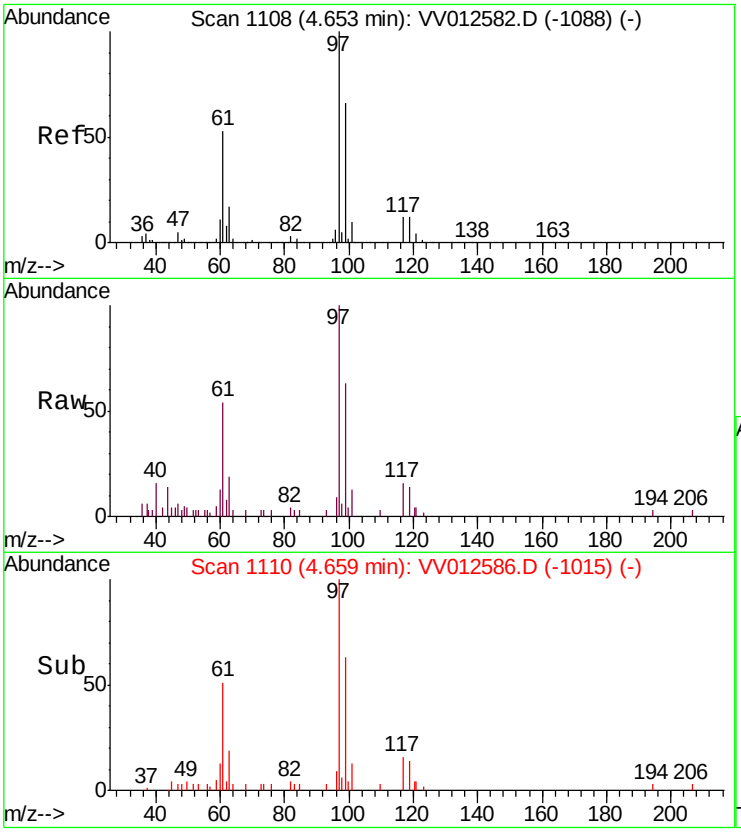


#27
1,2-Dichloroethane
Concen: 0.402 ug/L
RT: 5.19 min Scan# 1275
Delta R.T. 0.01 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Tgt Ion: 62 Resp: 7487

Ion	Ratio	Lower	Upper
62	100		
98	6.4	7.0	10.4#



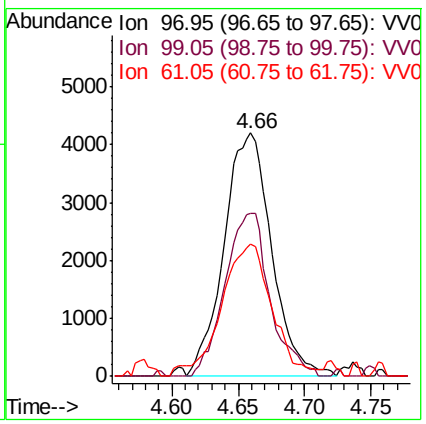


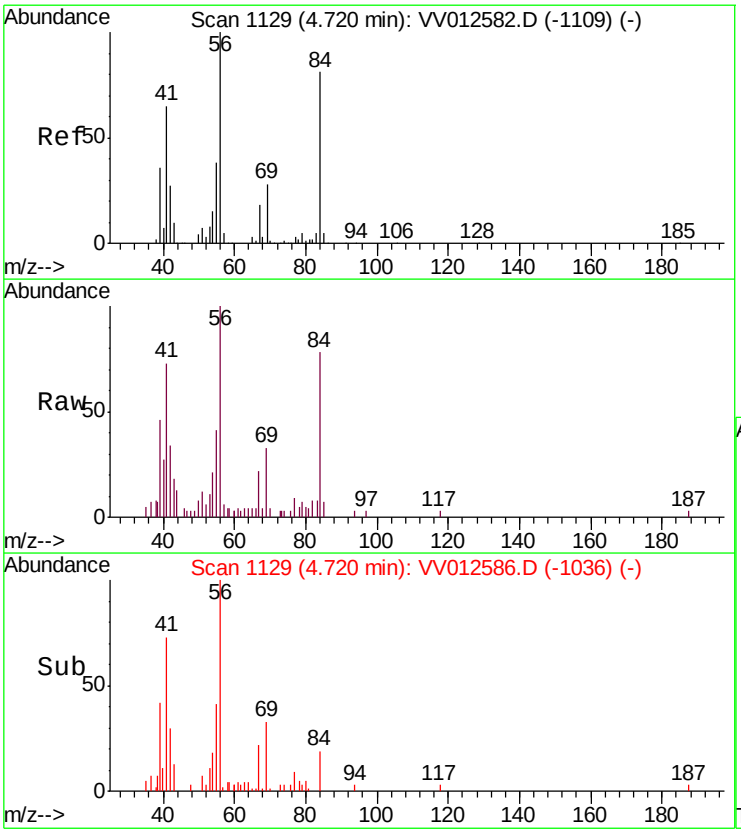
#29
1,1,1-Trichloroethane
Concen: 0.427 ug/L
RT: 4.66 min Scan# 1110
Delta R.T. 0.01 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.531

Tgt Ion: 97 Resp: 10499

Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.8	77.6
61	57.7	43.4	65.0

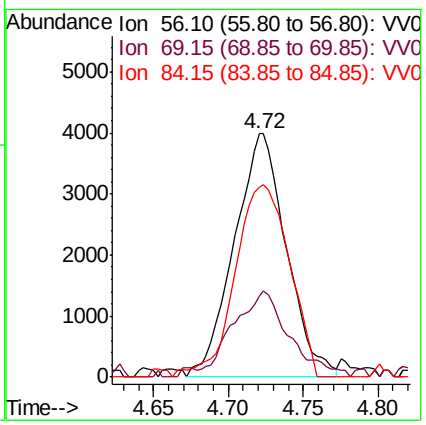


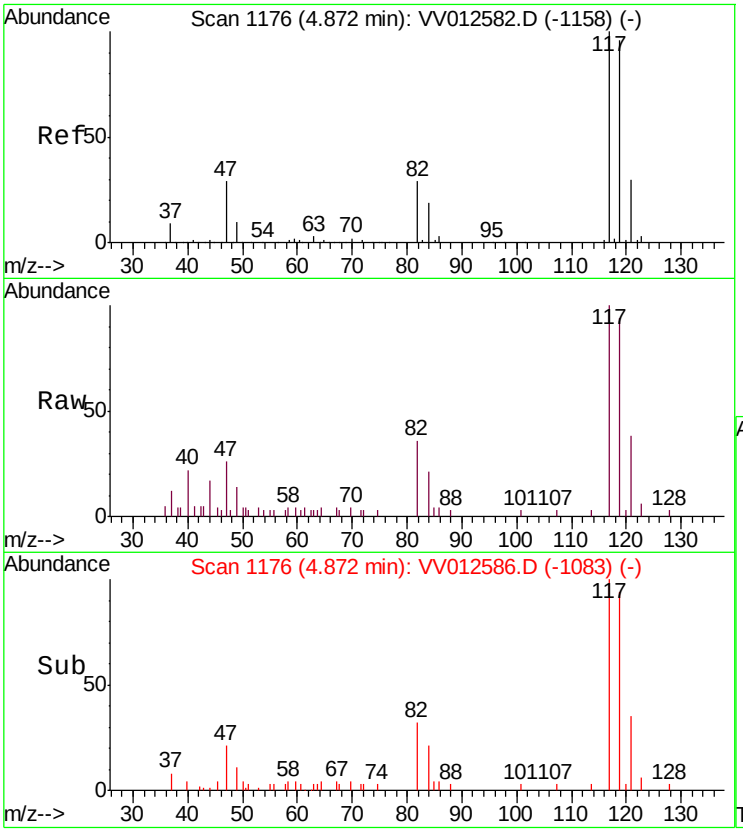


#30
Cyclohexane
Concen: 0.383 ug/L
RT: 4.72 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Tgt Ion: 56 Resp: 9681

Ion	Ratio	Lower	Upper
56	100		
69	38.0	23.4	35.0#
84	82.2	68.0	102.0



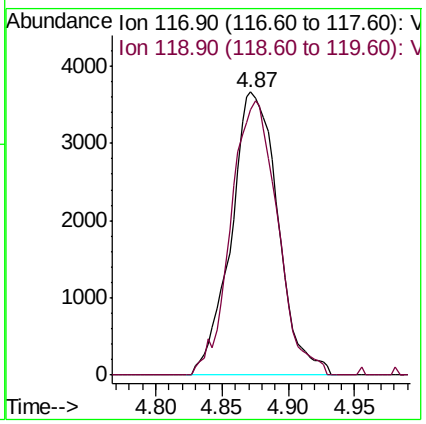


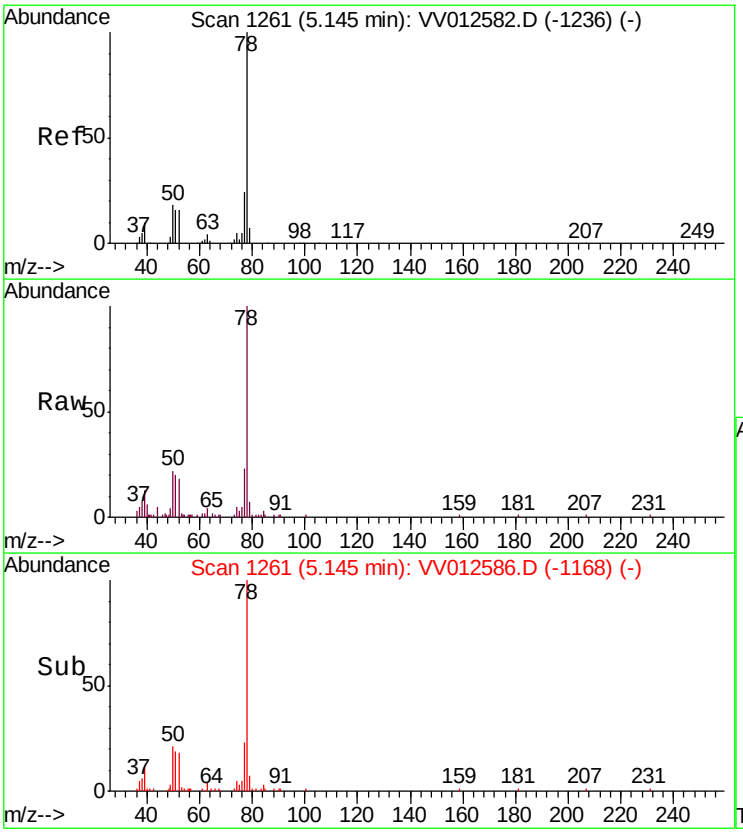
#31
Carbon tetrachloride
Concen: 0.419 ug/L
RT: 4.87 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.531

Tgt Ion:117 Resp: 9006

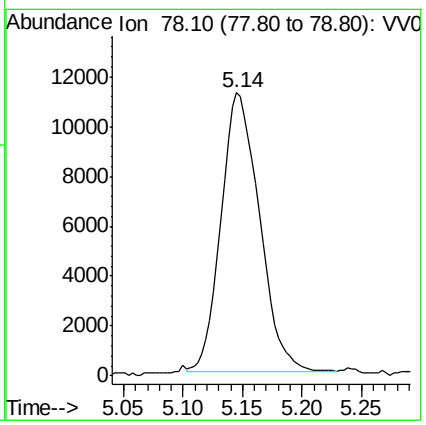
Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.9	115.3

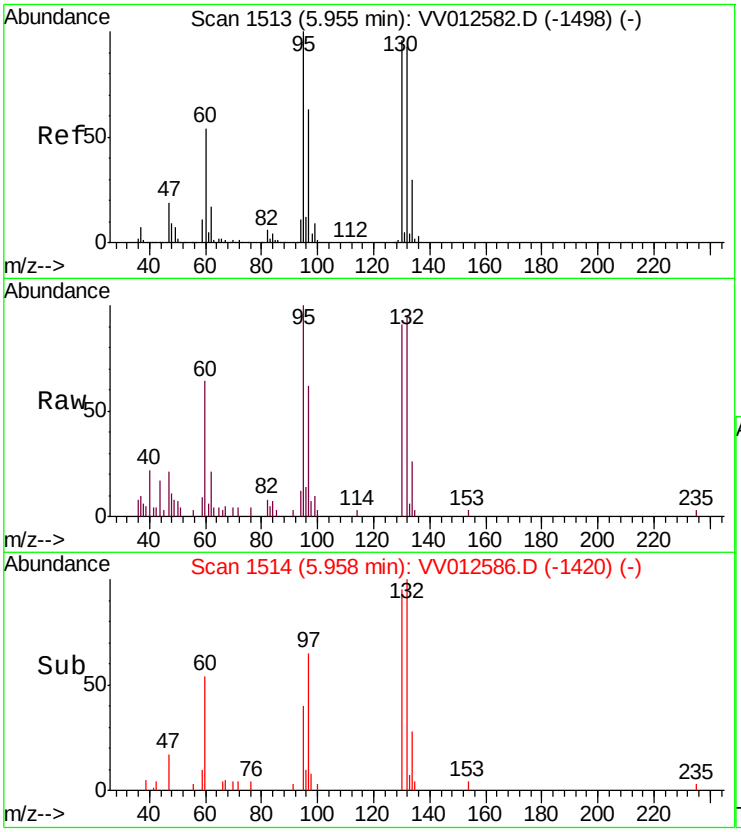




#33
Benzene
Concen: 0.408 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Tgt Ion: 78 Resp: 24852



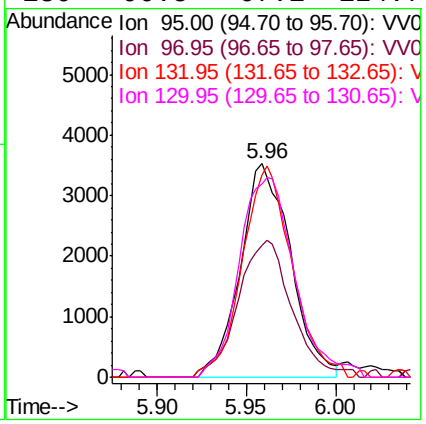


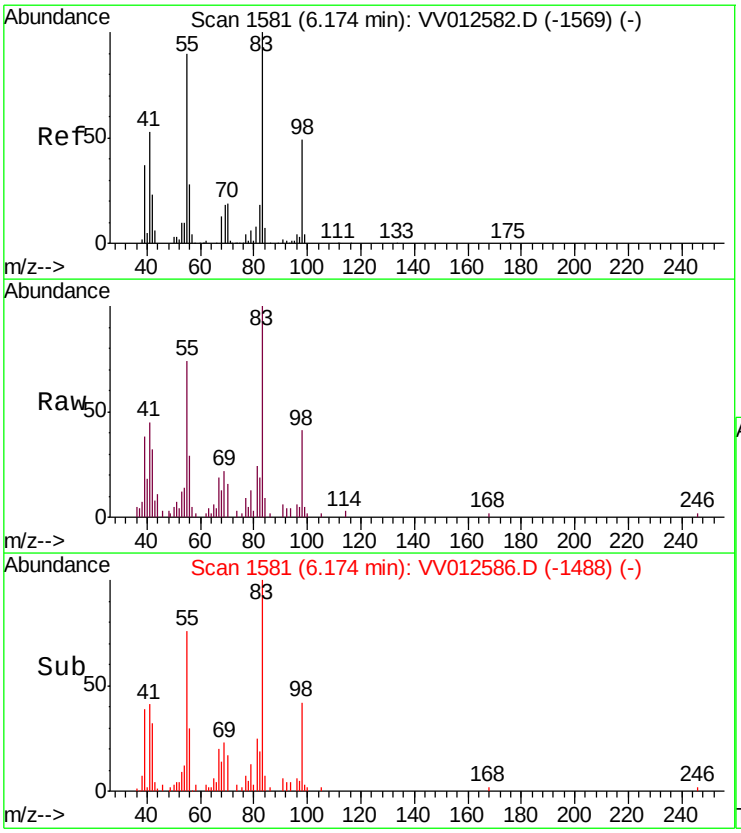
#34
Trichloroethene
Concen: 0.412 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Instrument : MSVOA_V
ClientSampleId : VSTD0.531

Tgt Ion: 95 Resp: 6973

Ion	Ratio	Lower	Upper
95	100		
97	61.9	43.9	81.5
132	94.9	64.8	120.4
130	90.5	67.1	124.7

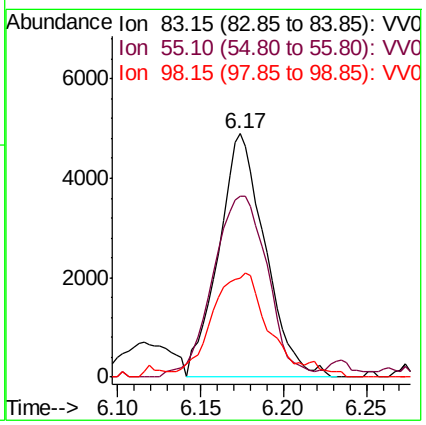


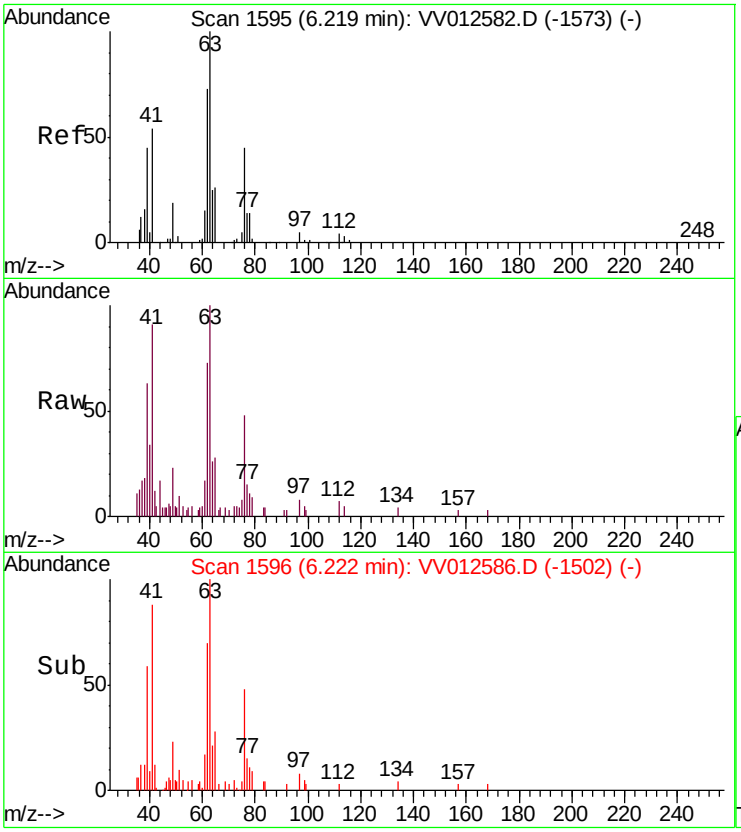


#35
Methylcyclohexane
Concen: 0.371 ug/L
RT: 6.17 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Tgt Ion: 83 Resp: 9522

Ion	Ratio	Lower	Upper
83	100		
55	87.3	69.0	103.6
98	45.4	38.0	57.0



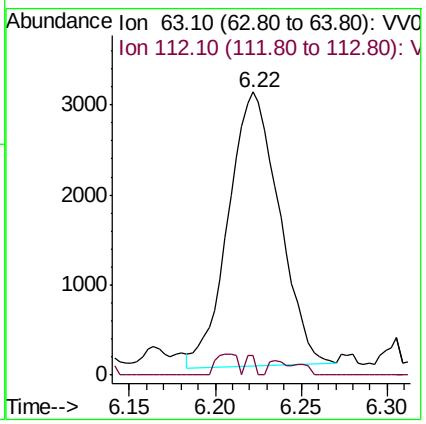


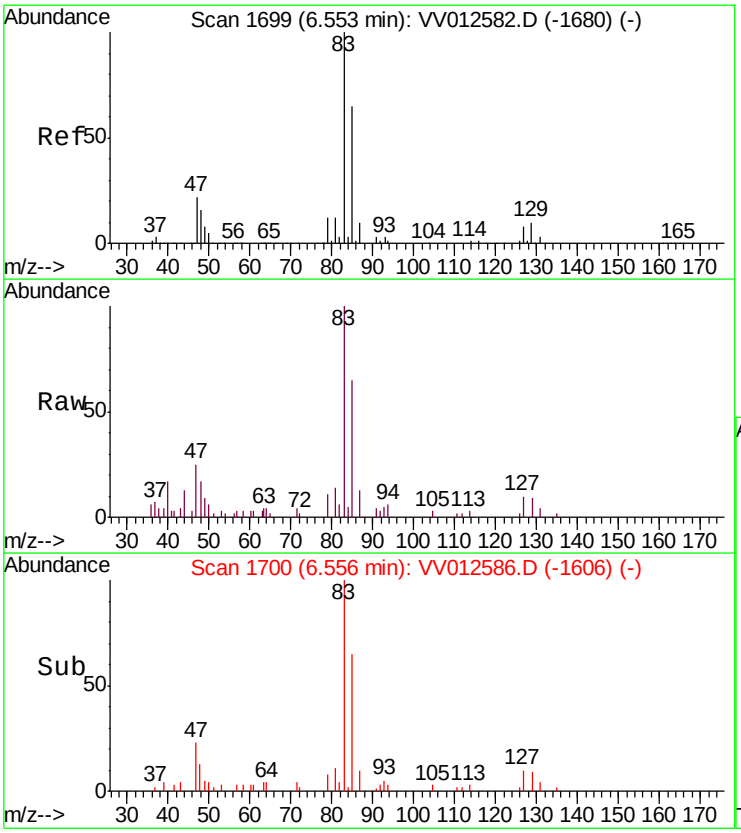
#37
1,2-Dichloropropane
Concen: 0.379 ug/L
RT: 6.22 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Instrument : MSVOA_V
ClientSampleId : VSTD0.531

Tgt Ion: 63 Resp: 6209

Ion	Ratio	Lower	Upper
63	100		
112	1.4	3.9	5.9#

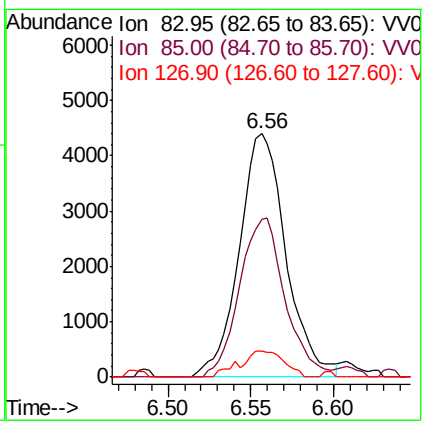


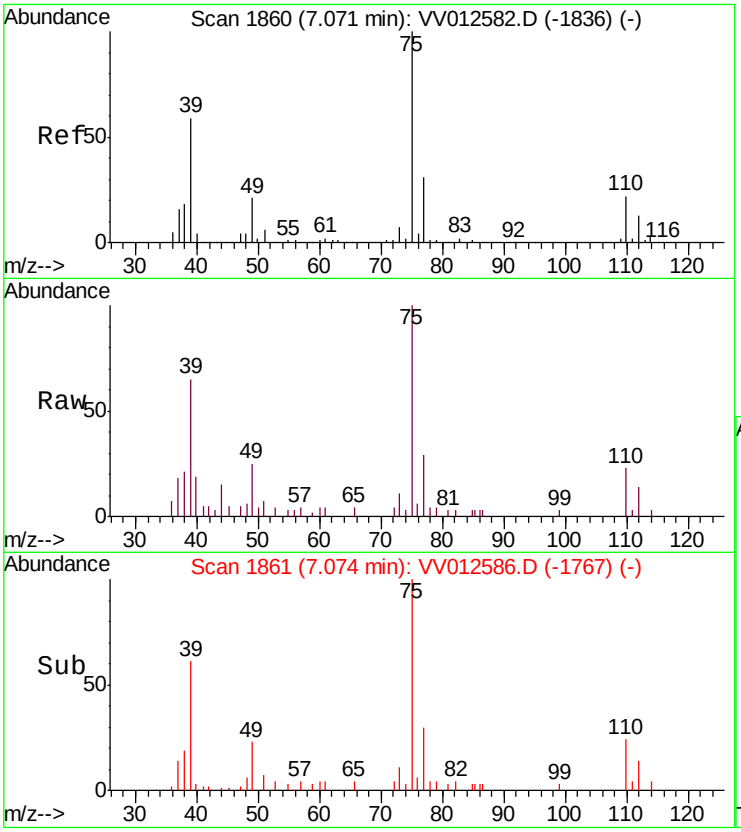


#38
Bromodichloromethane
Concen: 0.420 ug/L
RT: 6.56 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Tgt Ion: 83 Resp: 8638

Ion	Ratio	Lower	Upper
83	100		
85	64.9	45.6	84.8
127	10.5	6.4	9.6#



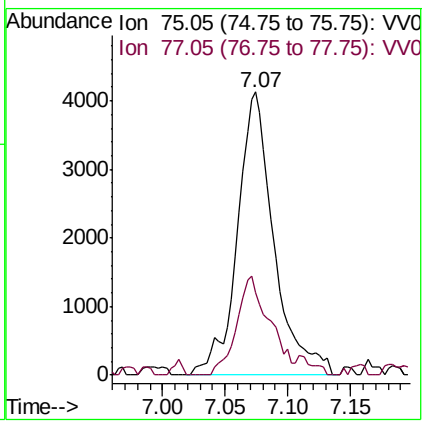


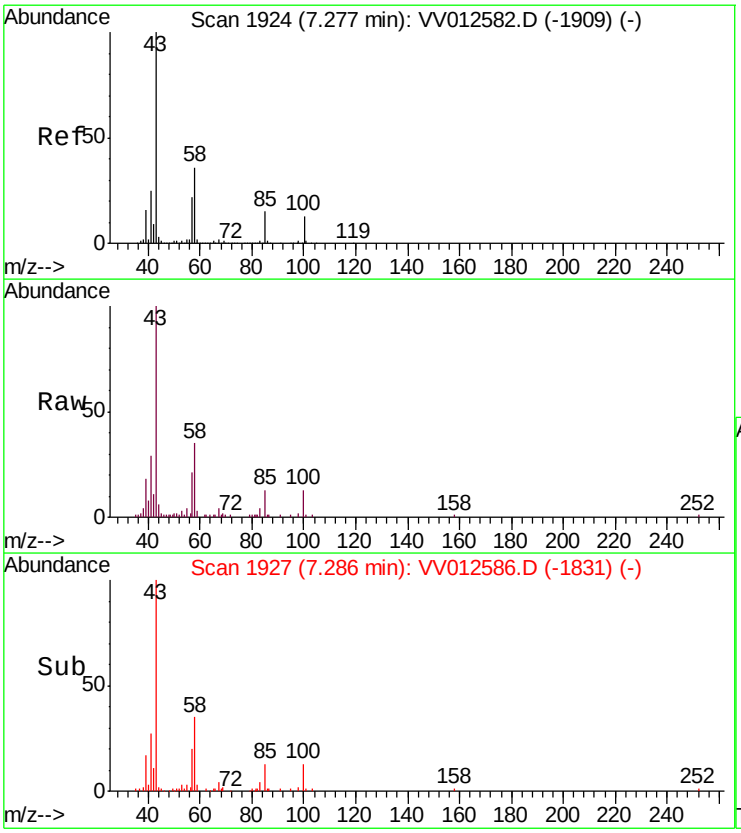
#39
cis-1,3-Dichloropropene
Concen: 0.401 ug/L
RT: 7.07 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.531

Tgt Ion: 75 Resp: 8383

Ion	Ratio	Lower	Upper
75	100		
77	29.1	21.6	40.2

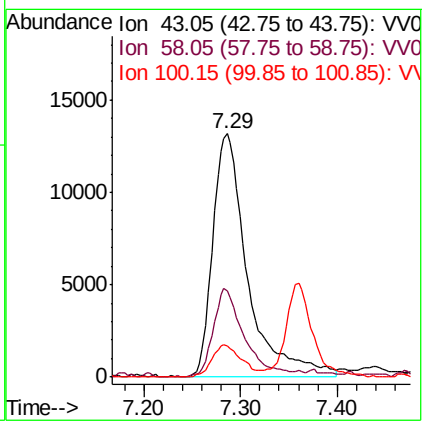


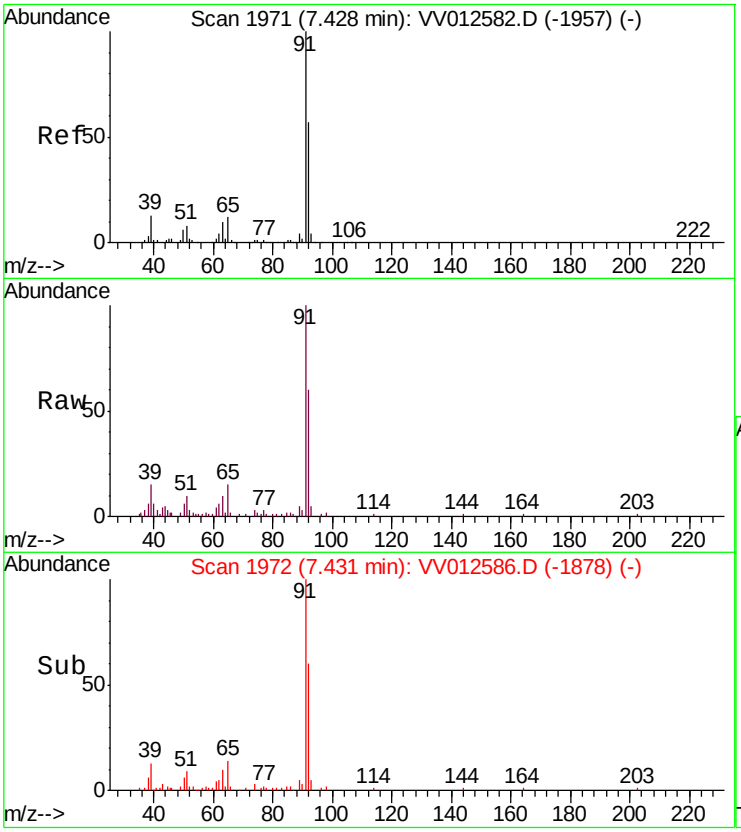


#40
4-Methyl-2-pentanone
Concen: 3.514 ug/L
RT: 7.29 min Scan# 1927
Delta R.T. 0.01 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Tgt Ion: 43 Resp: 33012

Ion	Ratio	Lower	Upper
43	100		
58	32.4	28.4	42.6
100	11.2	9.8	14.6



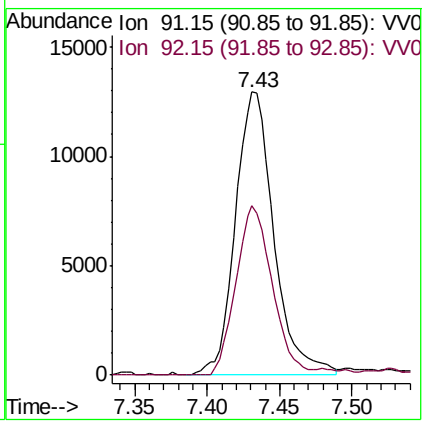


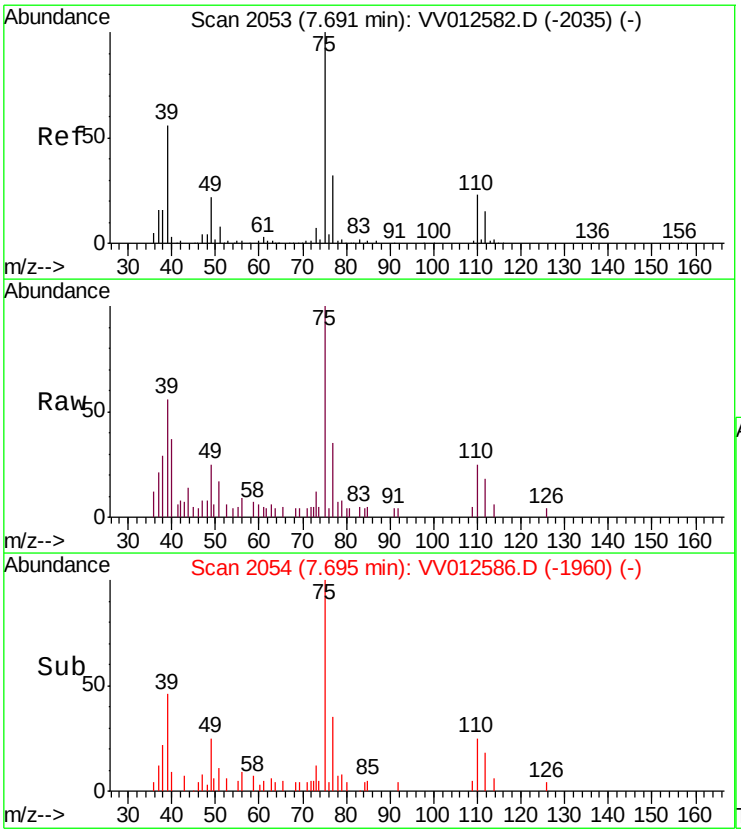
#42
Toluene
Concen: 0.360 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.531

Tgt Ion: 91 Resp: 23897

Ion	Ratio	Lower	Upper
91	100		
92	59.8	40.0	74.2

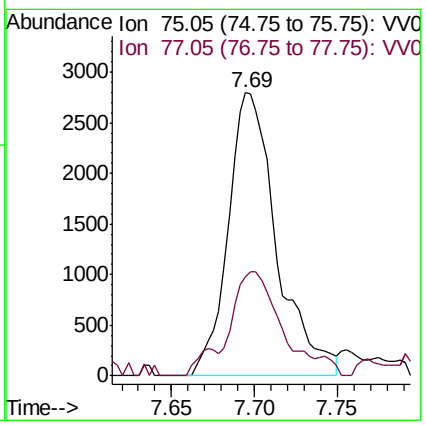


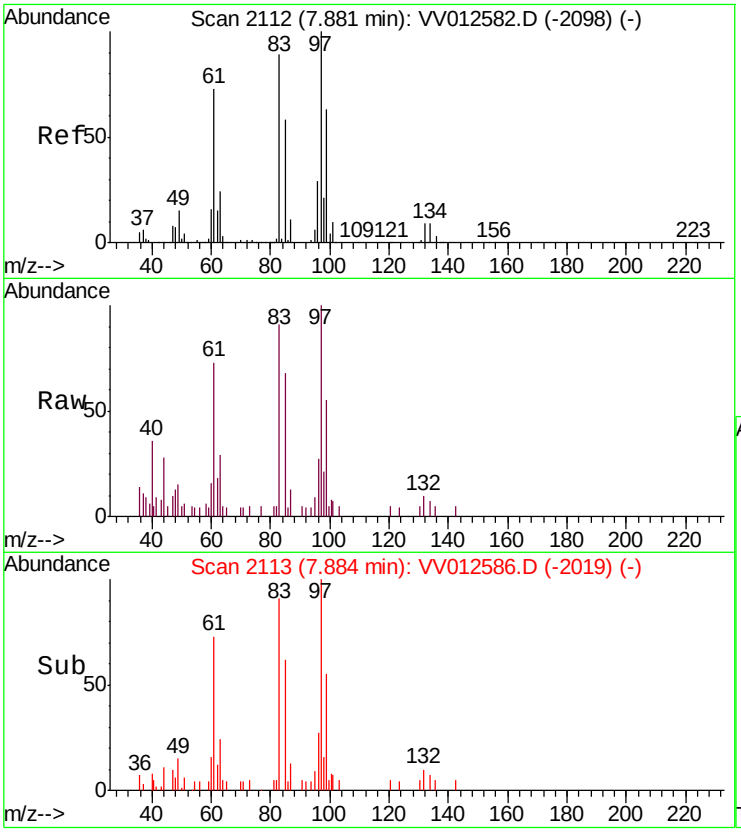


#44
trans-1,3-Dichloropropene
Concen: 0.343 ug/L
RT: 7.69 min Scan# 2054
Delta R.T. 0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Tgt Ion: 75 Resp: 5709

Ion	Ratio	Lower	Upper
75	100		
77	35.1	22.5	41.7



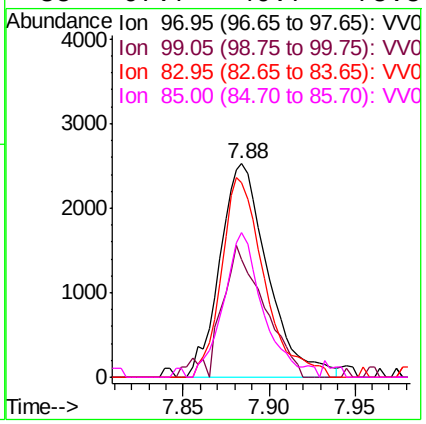


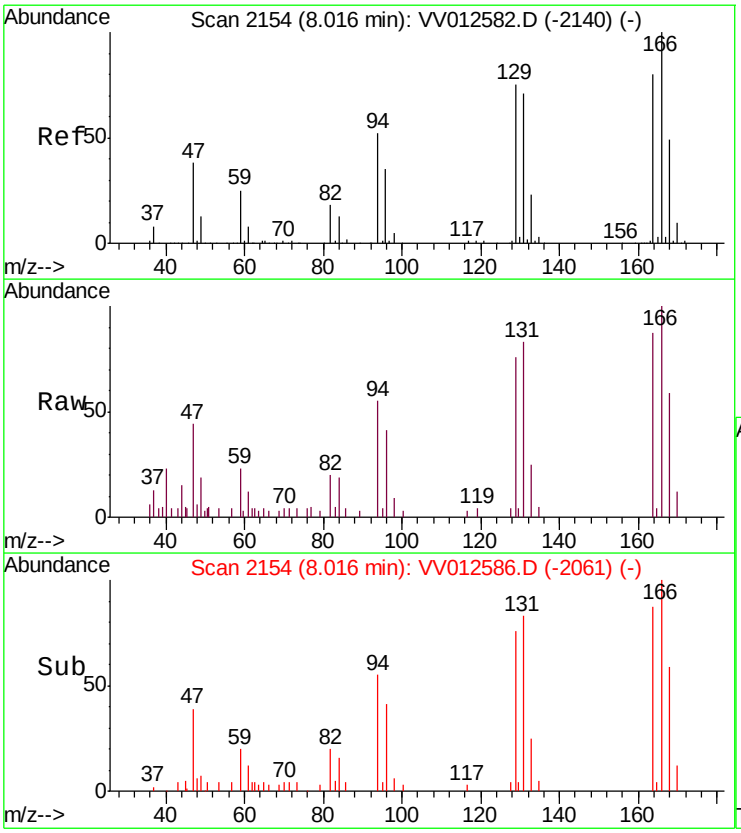
#45
1,1,2-Trichloroethane
Concen: 0.479 ug/L
RT: 7.88 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Instrument : MSVOA_V
ClientSampleId : VSTD0.531

Tgt Ion: 97 Resp: 4913

Ion	Ratio	Lower	Upper
97	100		
99	55.0	44.3	82.3
83	90.9	62.6	116.3
85	67.7	40.7	75.5

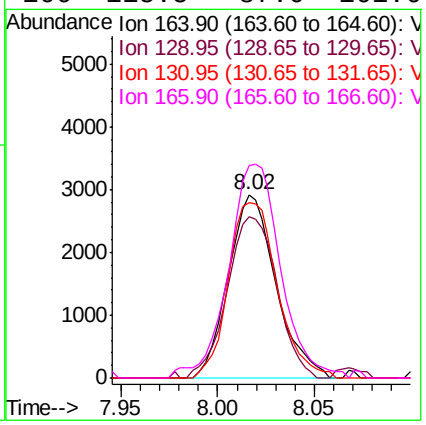


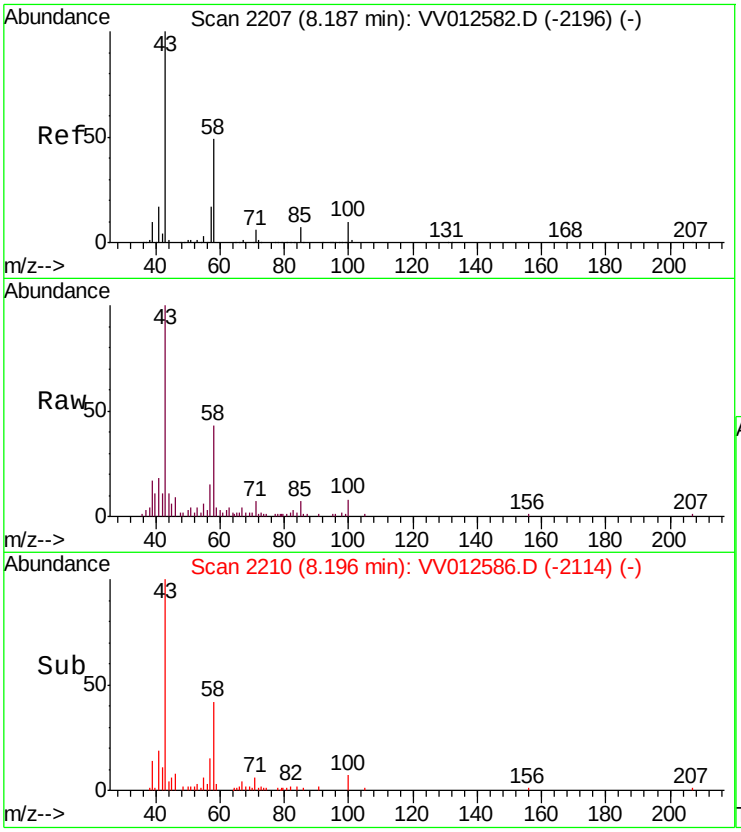


#47
Tetrachloroethene
Concen: 0.411 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Tgt Ion:164 Resp: 4999

Ion	Ratio	Lower	Upper
164	100		
129	88.1	65.0	120.6
131	95.7	62.0	115.2
166	115.5	87.0	161.6



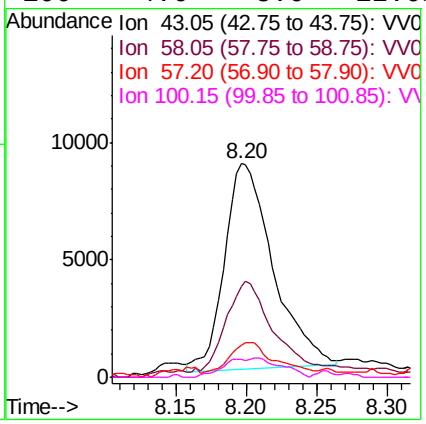


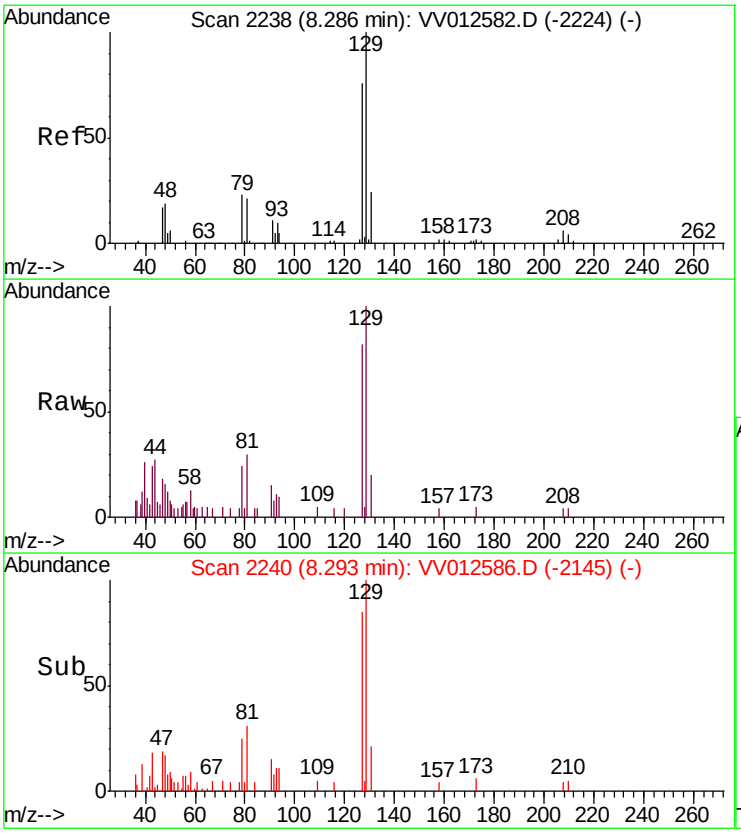
#48
2-Hexanone
Concen: 3.210 ug/L
RT: 8.20 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Instrument : MSVOA_V
ClientSampleId : VSTD0.531

Tgt Ion: 43 Resp: 21248

Ion	Ratio	Lower	Upper
43	100		
58	47.2	39.3	58.9
57	15.5	12.9	19.3
100	4.6	8.0	12.0#

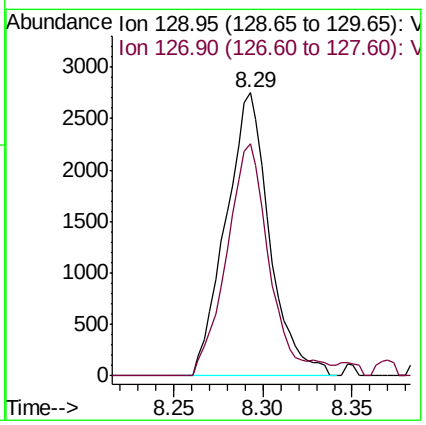


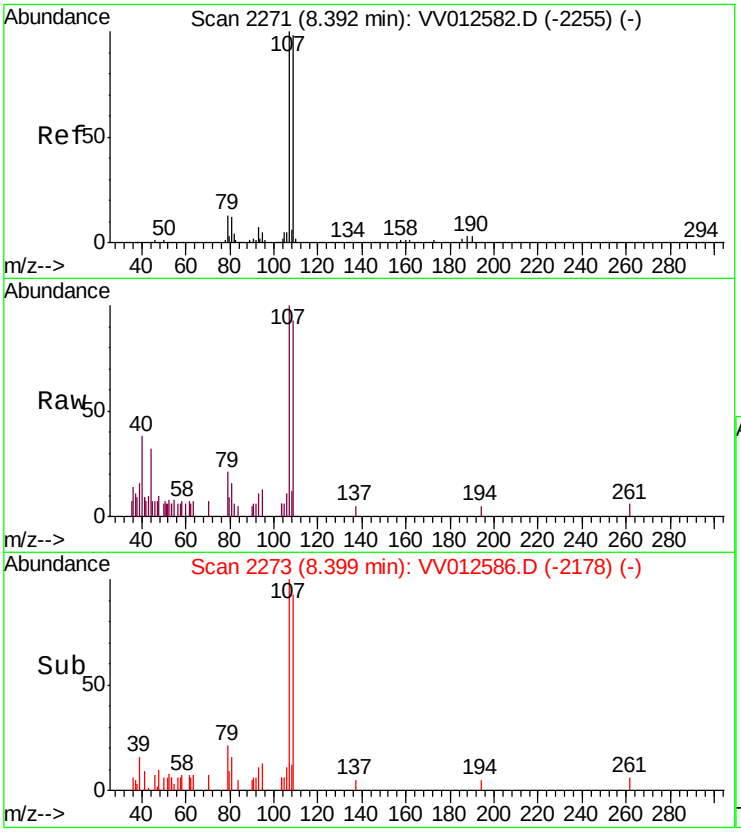


#49
Dibromochloromethane
Concen: 0.391 ug/L
RT: 8.29 min Scan# 2240
Delta R.T. 0.01 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Tgt Ion:129 Resp: 4705

Ion	Ratio	Lower	Upper
129	100		
127	81.8	53.0	98.4



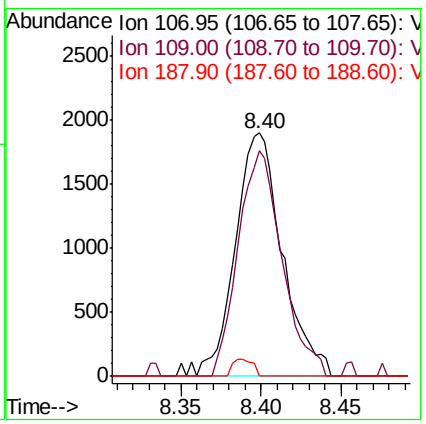


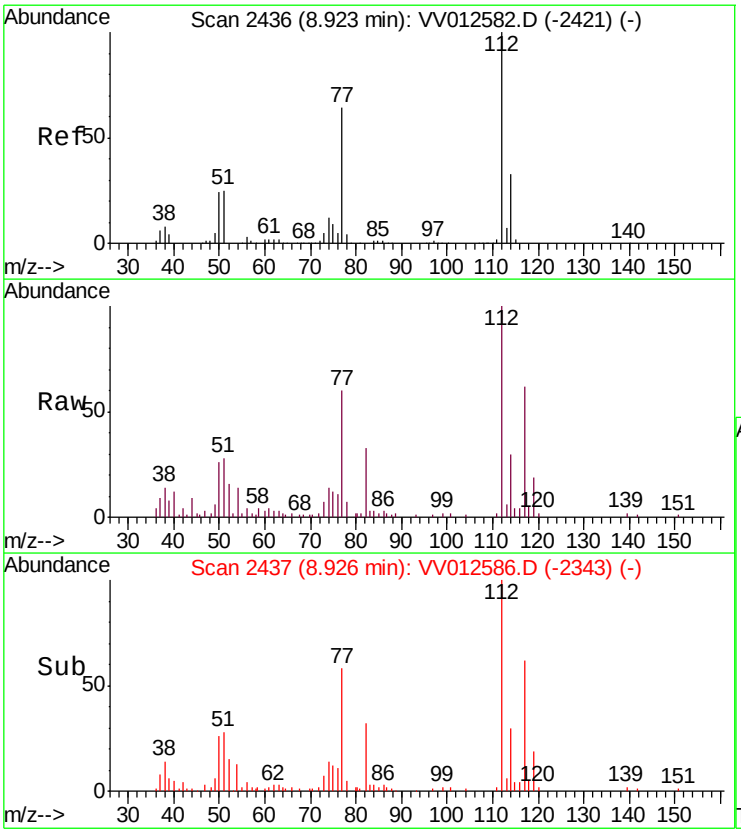
#50
1,2-Dibromoethane
Concen: 0.418 ug/L
RT: 8.40 min Scan# 2273
Delta R.T. 0.01 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.531

Tgt Ion:107 Resp: 3829

Ion	Ratio	Lower	Upper
107	100		
109	92.6	68.5	127.3
188	0.0	2.6	3.8#

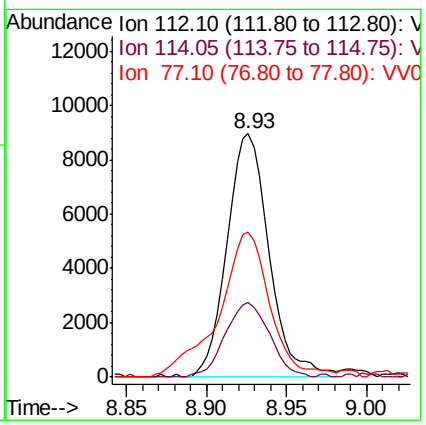


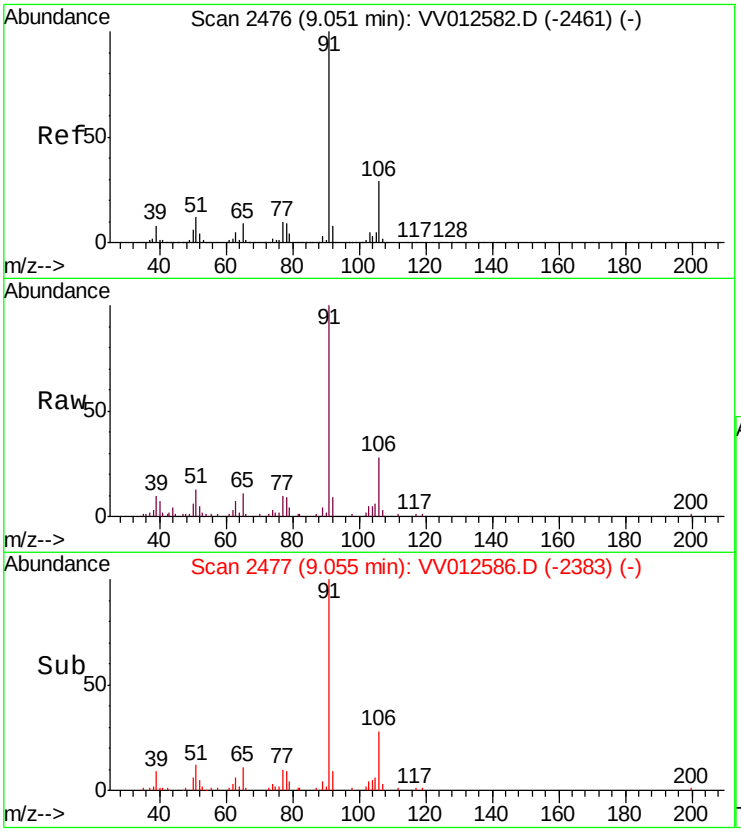


#51
Chlorobenzene
Concen: 0.388 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. 0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Tgt Ion:112 Resp: 16073

Ion	Ratio	Lower	Upper
112	100		
114	30.4	22.7	42.3
77	59.6	51.7	77.5



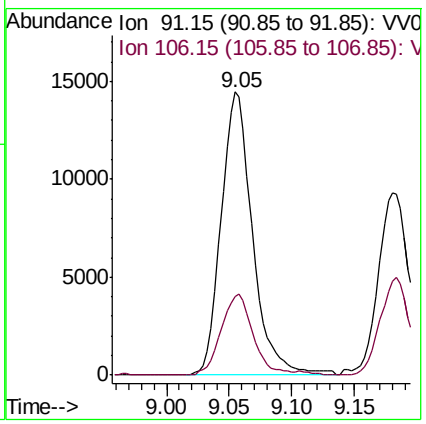


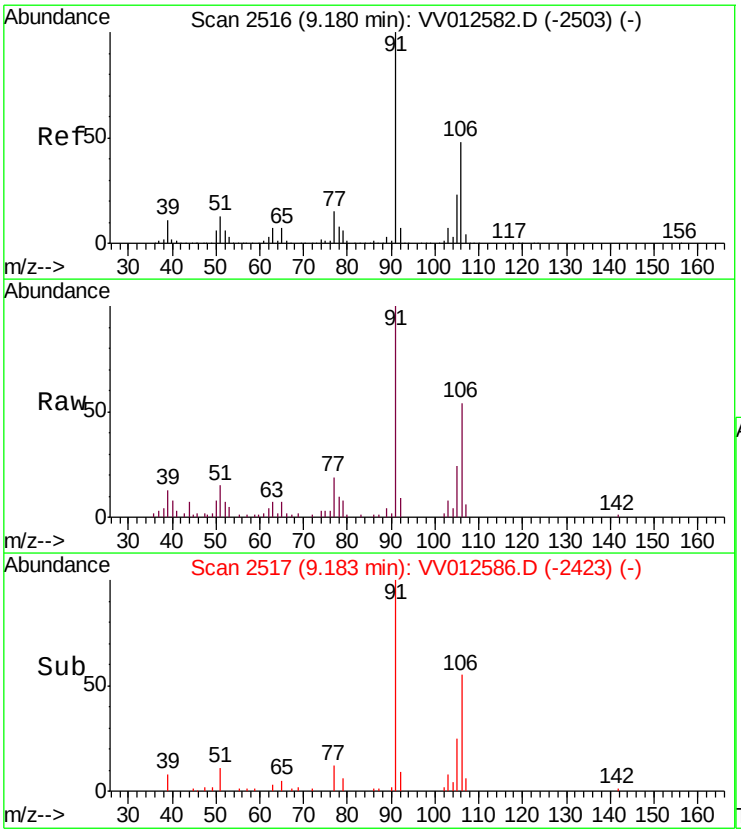
#52
Ethylbenzene
Concen: 0.352 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Instrument : MSVOA_V
ClientSampleId : VSTD0.531

Tgt Ion: 91 Resp: 25207

Ion	Ratio	Lower	Upper
91	100		
106	27.6	20.6	38.2

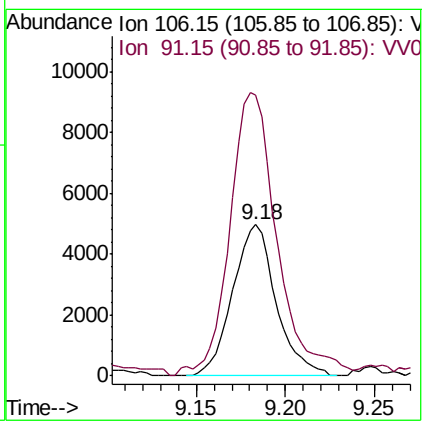


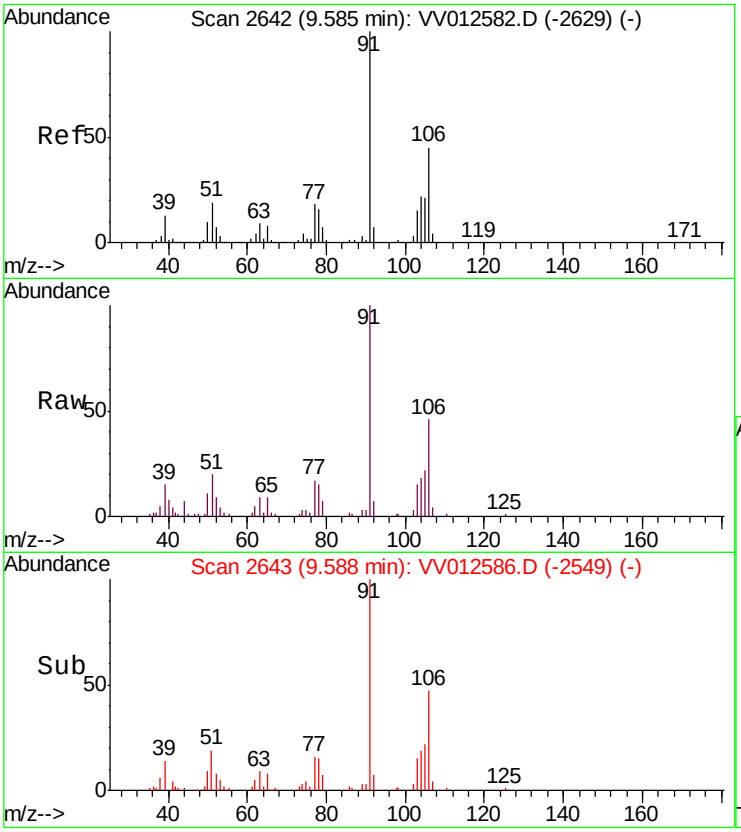


#53
m,p-xylene
Concen: 0.325 ug/L
RT: 9.18 min Scan# 2517
Delta R.T. 0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Tgt Ion:106 Resp: 8483

Ion	Ratio	Lower	Upper
106	100		
91	185.1	145.0	269.2



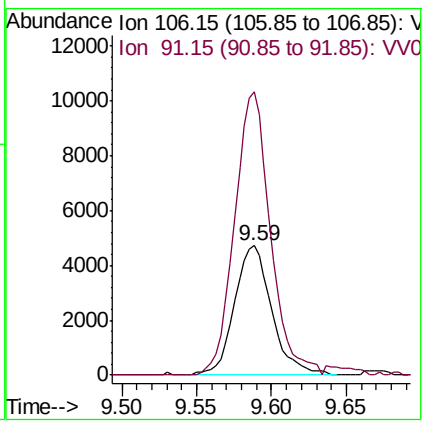


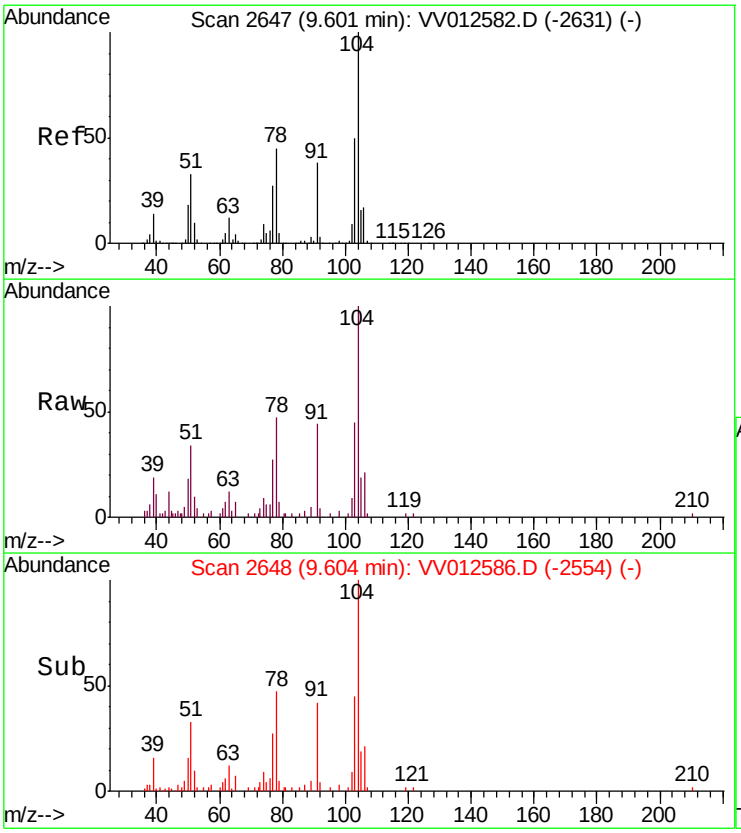
#54
o-xylene
Concen: 0.334 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. 0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.531

Tgt Ion:106 Resp: 8208

Ion	Ratio	Lower	Upper
106	100		
91	218.2	157.0	291.6

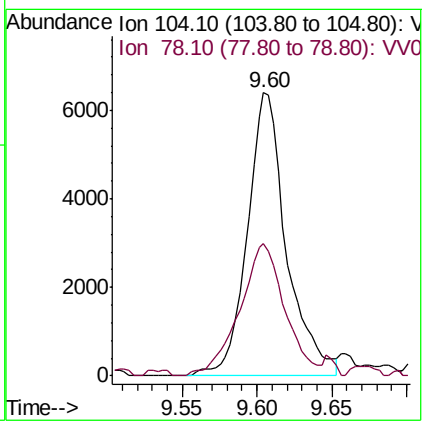


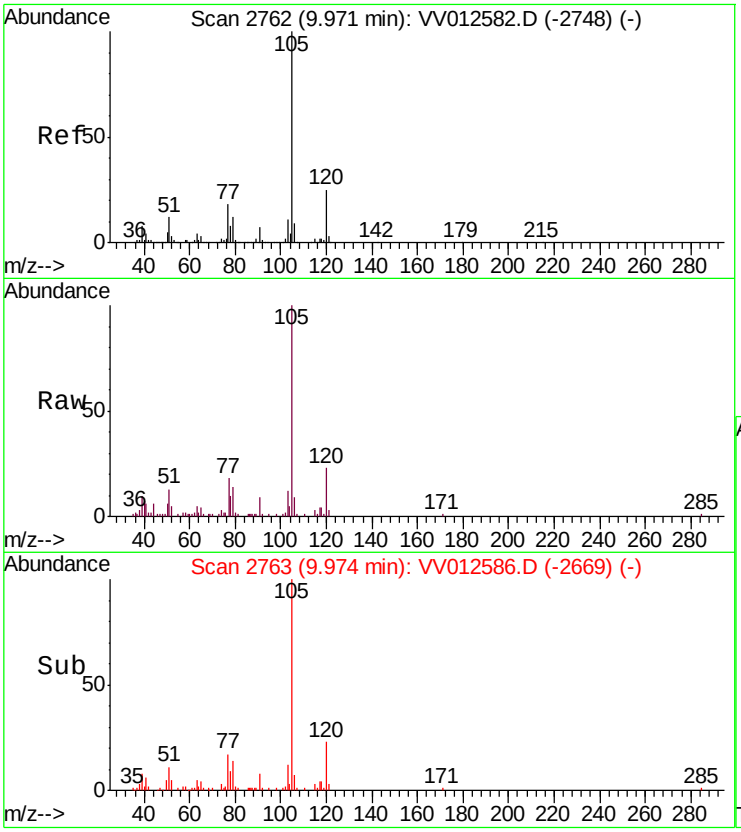


#55
Styrene
Concen: 0.278 ug/L
RT: 9.60 min Scan# 2648
Delta R.T. 0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Tgt Ion:104 Resp: 11655

Ion	Ratio	Lower	Upper
104	100		
78	46.9	31.8	59.0



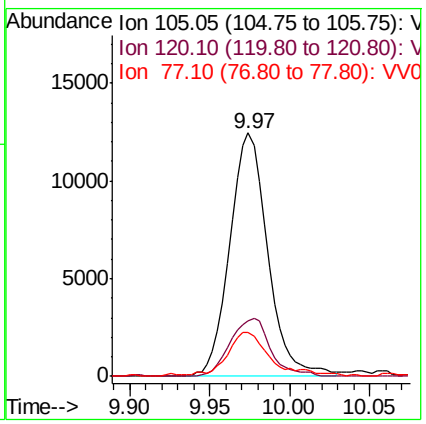


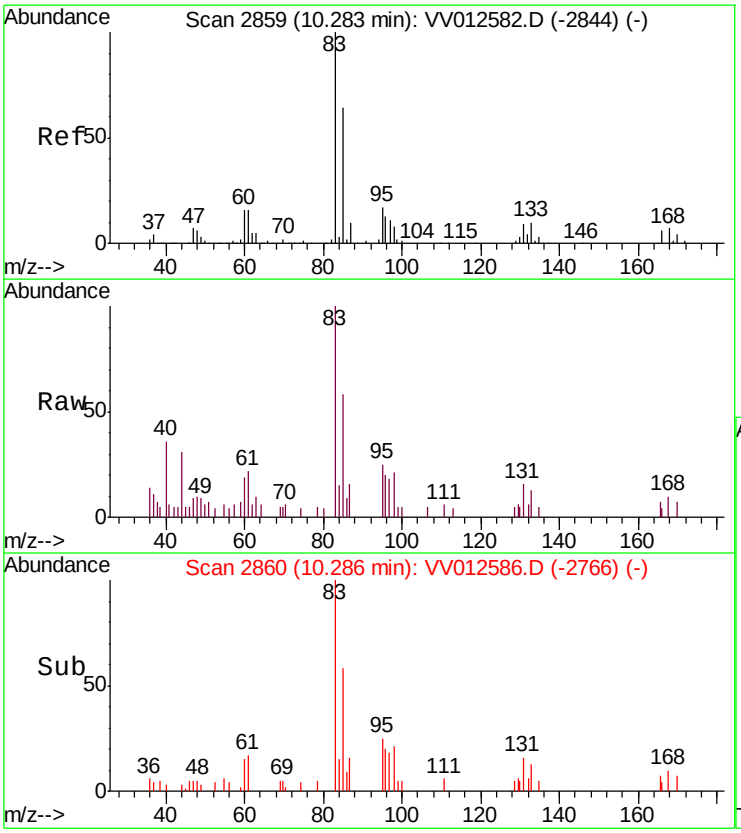
#56
Isopropylbenzene
Concen: 0.298 ug/L
RT: 9.97 min Scan# 2763
Delta R.T. 0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.531

Tgt Ion:105 Resp: 20140

Ion	Ratio	Lower	Upper
105	100		
120	25.2	20.6	30.8
77	18.6	14.2	21.2

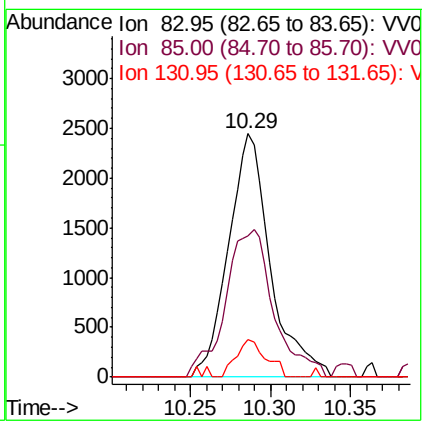


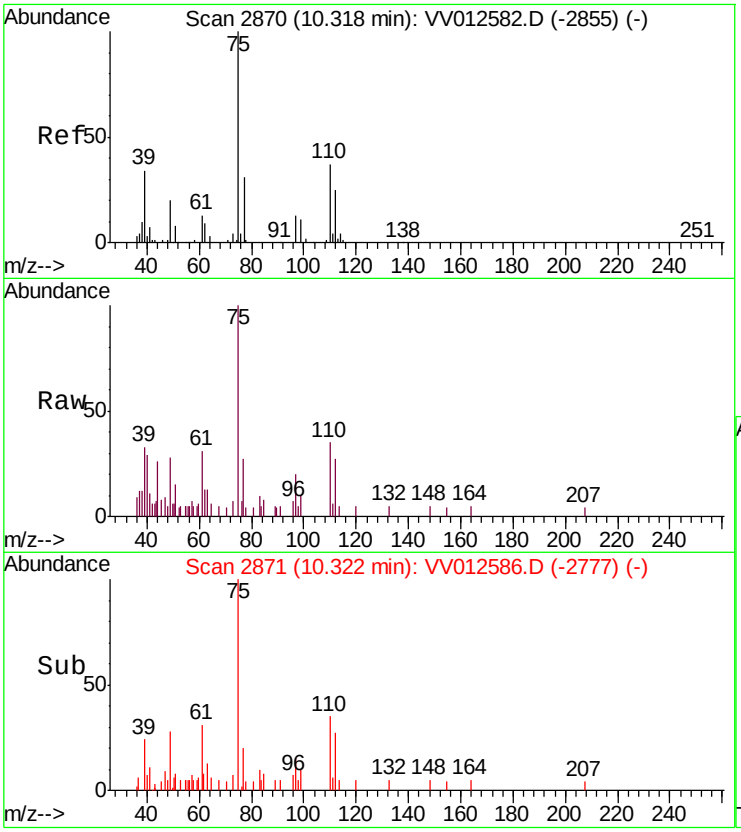


#58
1,1,2,2-Tetrachloroethane
Concen: 0.384 ug/L
RT: 10.29 min Scan# 2860
Delta R.T. 0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Tgt Ion: 83 Resp: 4360

Ion	Ratio	Lower	Upper
83	100		
85	57.9	44.7	82.9
131	15.7	7.4	11.2#



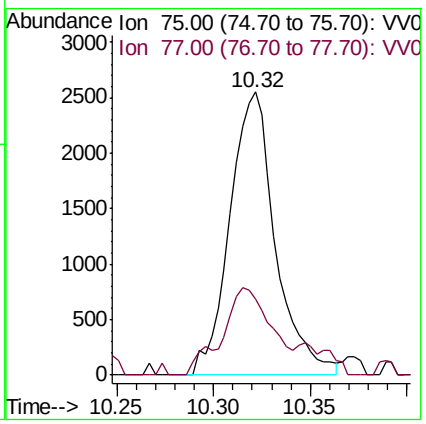


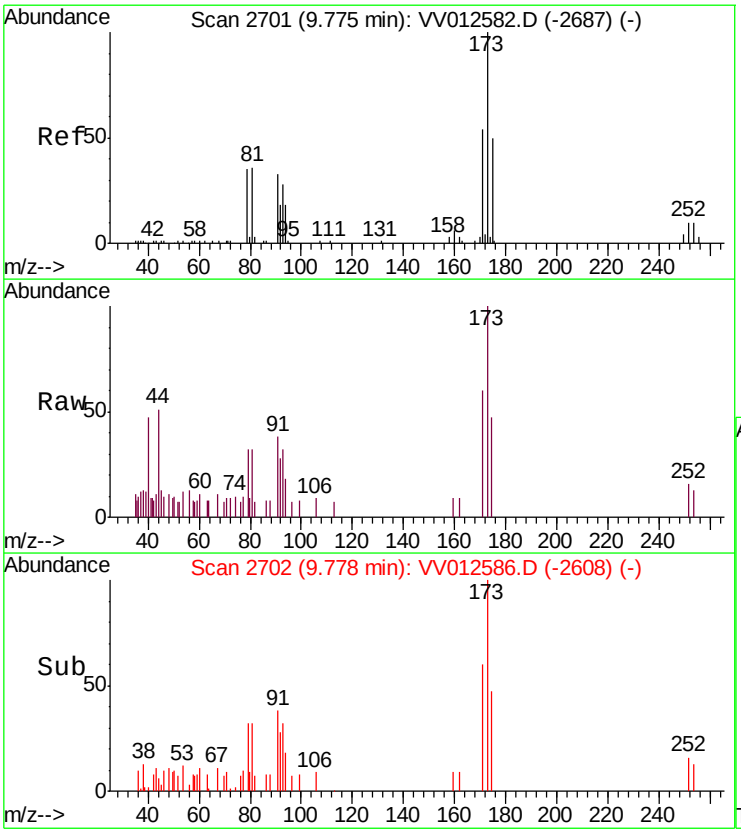
#59
1,2,3-Trichloropropane
Concen: 0.459 ug/L
RT: 10.32 min Scan# 2871
Delta R.T. 0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Instrument : MSVOA_V
ClientSampleId : VSTD0.531

Tgt Ion: 75 Resp: 4185

Ion	Ratio	Lower	Upper
75	100		
77	33.2	25.8	38.8

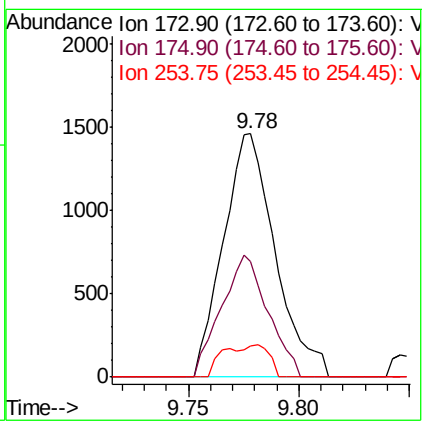


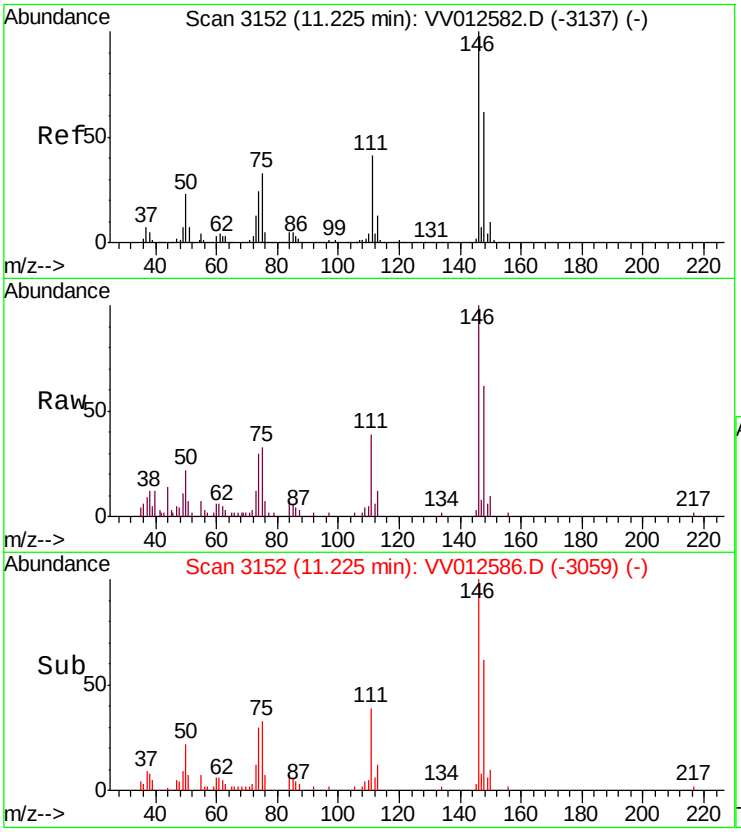


#61
Bromoform
Concen: 0.496 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Tgt Ion:173 Resp: 2381

Ion	Ratio	Lower	Upper
173	100		
175	45.1	39.6	59.4
254	6.7	7.1	10.7#



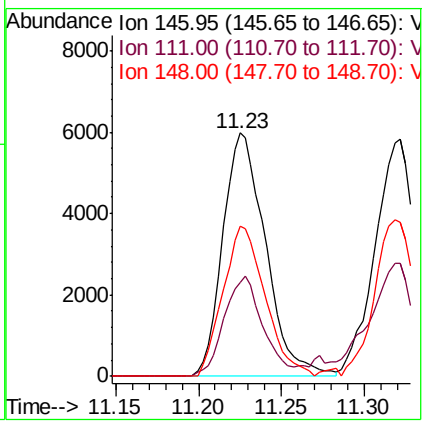


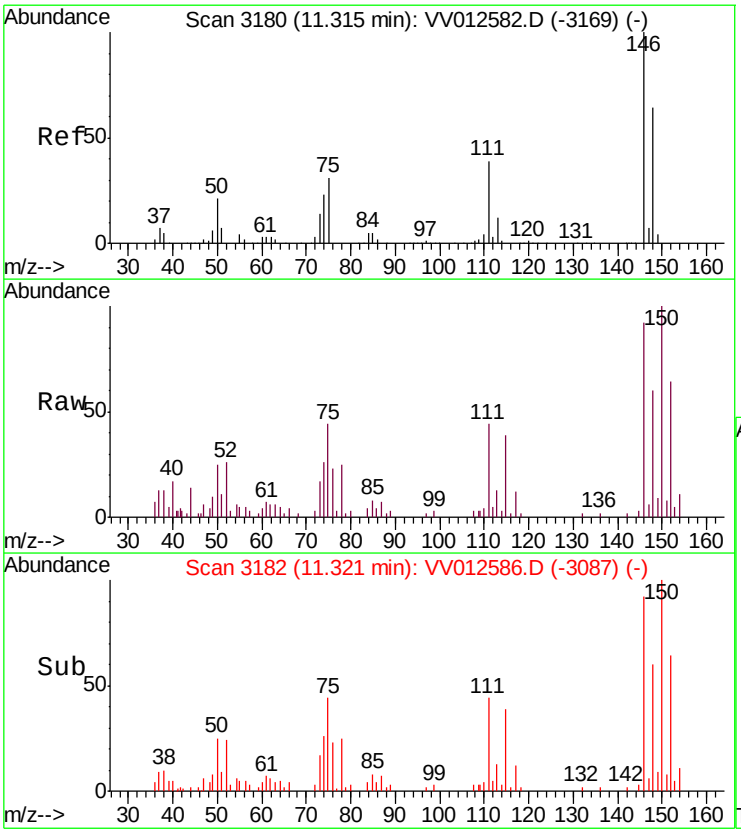
#62
1,3-Dichlorobenzene
Concen: 0.423 ug/L
RT: 11.23 min Scan# 3152
Delta R.T. 0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.531

Tgt Ion:146 Resp: 10718

Ion	Ratio	Lower	Upper
146	100		
111	38.8	28.4	52.8
148	61.8	43.5	80.7

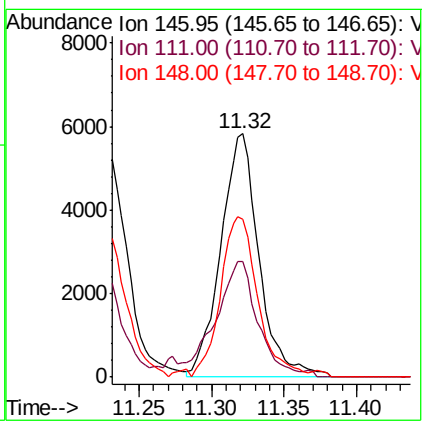


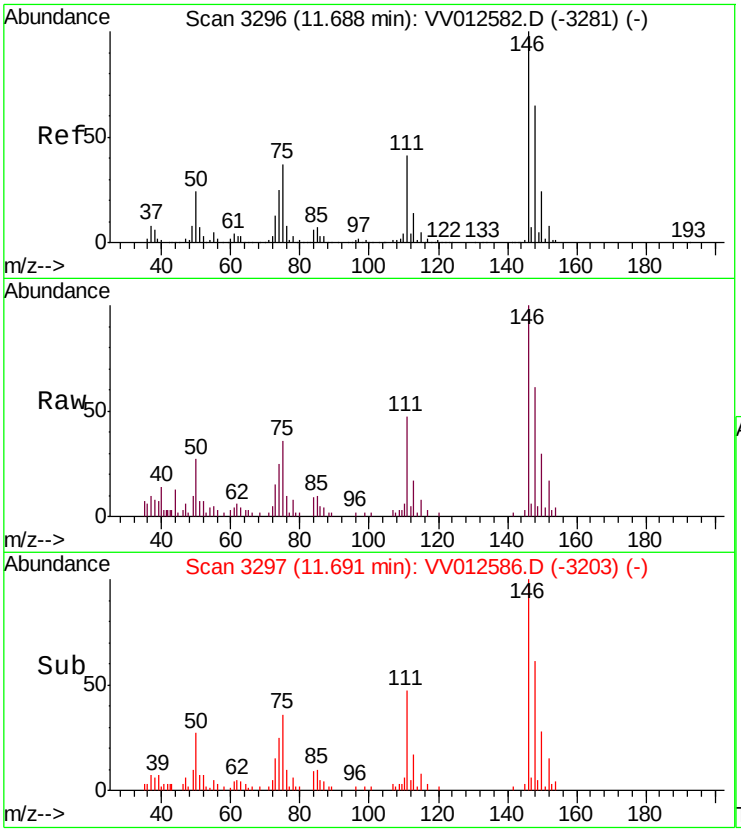


#63
1,4-Dichlorobenzene
Concen: 0.412 ug/L
RT: 11.32 min Scan# 3182
Delta R.T. 0.01 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Tgt Ion:146 Resp: 10669

Ion	Ratio	Lower	Upper
146	100		
111	47.6	27.5	51.1
148	64.7	44.8	83.2



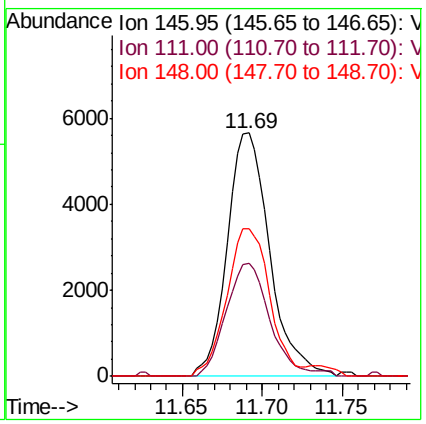


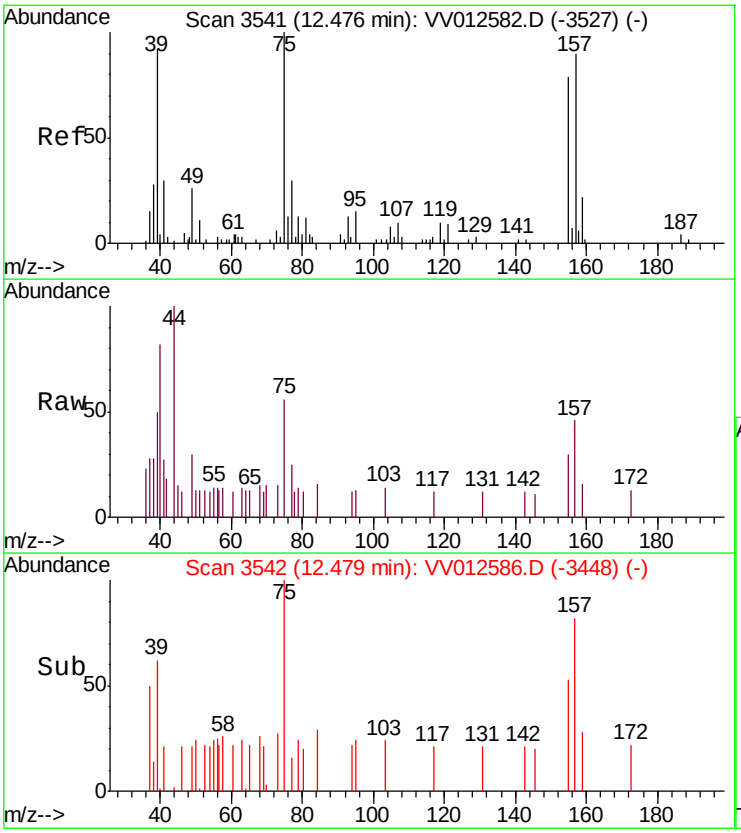
#65
1,2-Dichlorobenzene
Concen: 0.438 ug/L
RT: 11.69 min Scan# 3297
Delta R.T. 0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Instrument : MSVOA_V
ClientSampleId : VSTD0.531

Tgt Ion:146 Resp: 10202

Ion	Ratio	Lower	Upper
146	100		
111	46.6	33.1	49.7
148	60.6	52.2	78.4

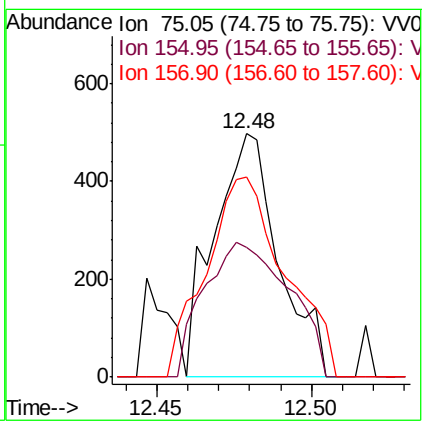


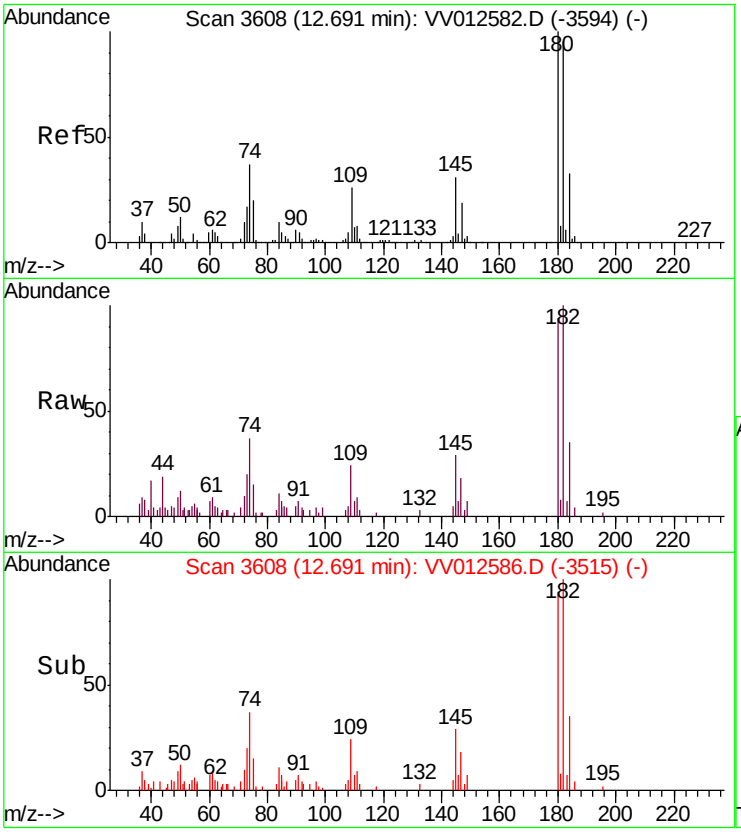


#66
1,2-Dibromo-3-chloropropane
Concen: 0.463 ug/L
RT: 12.48 min Scan# 3542
Delta R.T. 0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Tgt Ion: 75 Resp: 724

Ion	Ratio	Lower	Upper
75	100		
155	53.2	63.0	94.6#
157	81.9	72.2	108.4



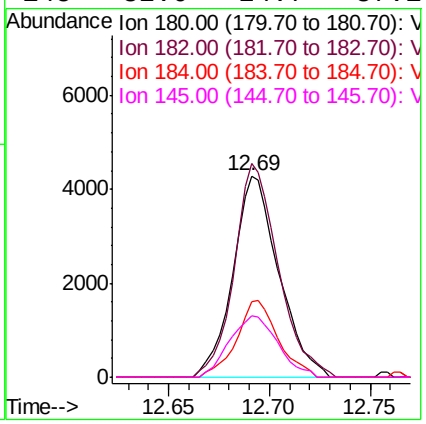


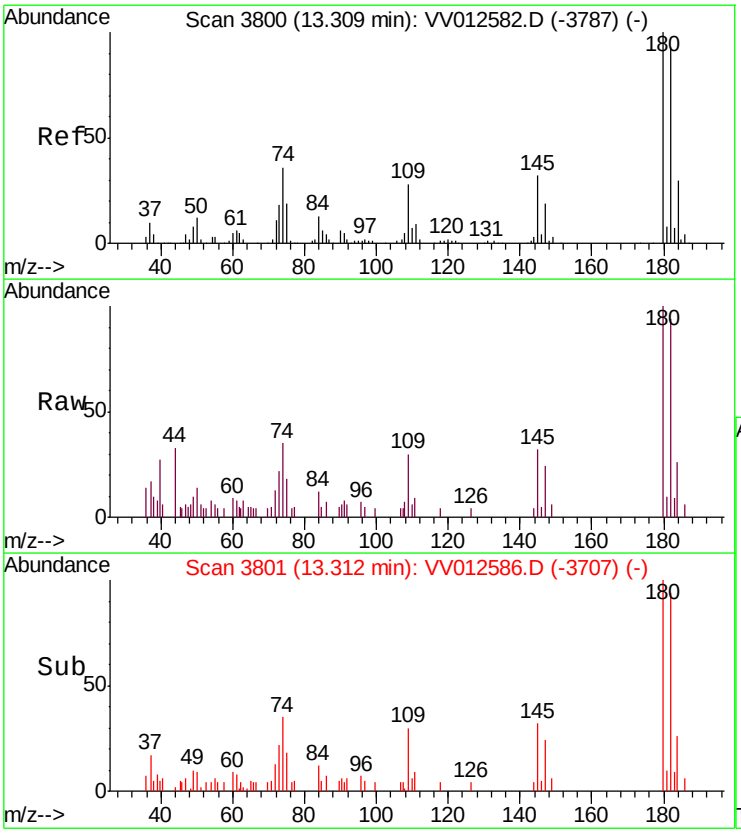
#67
1,3,5-Trichlorobenzene
Concen: 0.371 ug/L
RT: 12.69 min Scan# 3608
Delta R.T. 0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.531

Tgt Ion:180 Resp: 6811

Ion	Ratio	Lower	Upper
180	100		
182	101.8	76.0	114.0
184	34.7	25.3	37.9
145	32.0	24.7	37.1

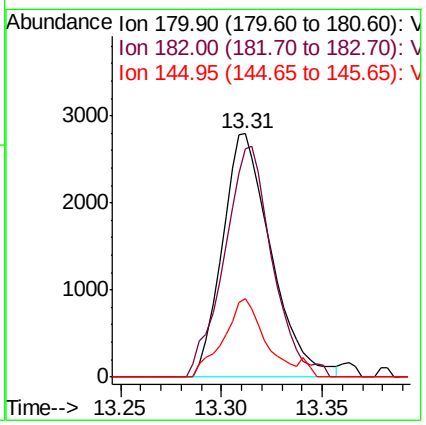


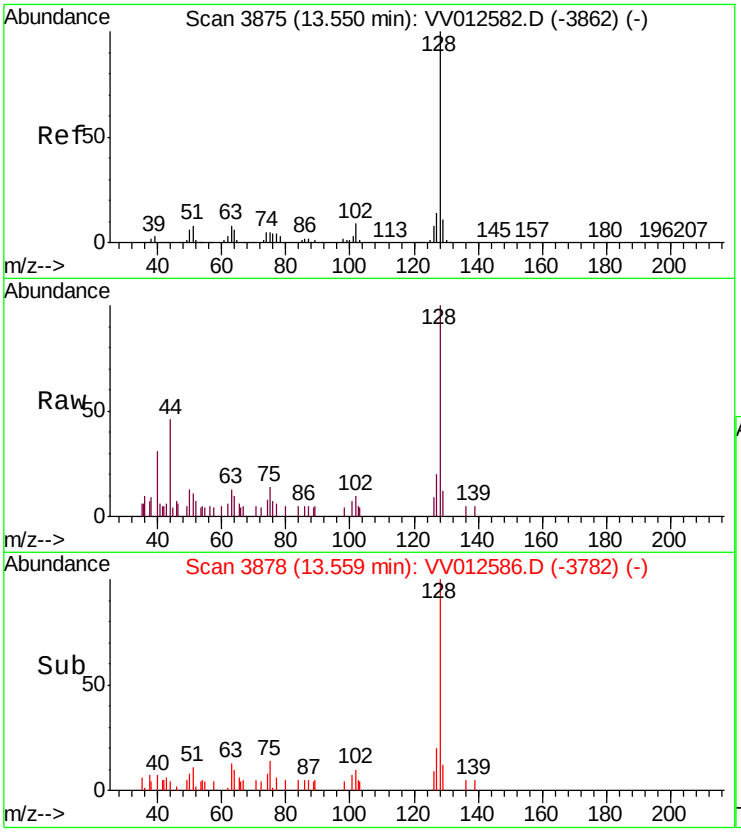


#68
1,2,4-trichlorobenzene
Concen: 0.358 ug/L
RT: 13.31 min Scan# 3801
Delta R.T. 0.00 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Tgt Ion:180 Resp: 4706

Ion	Ratio	Lower	Upper
180	100		
182	93.4	74.7	112.1
145	28.8	24.9	37.3



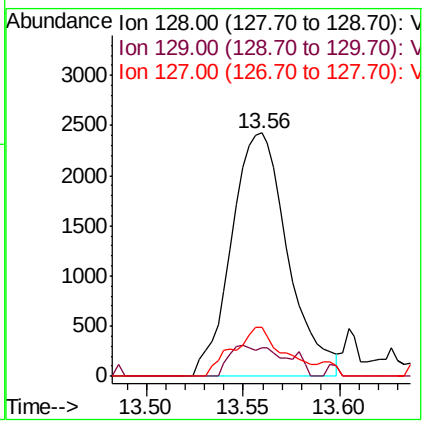


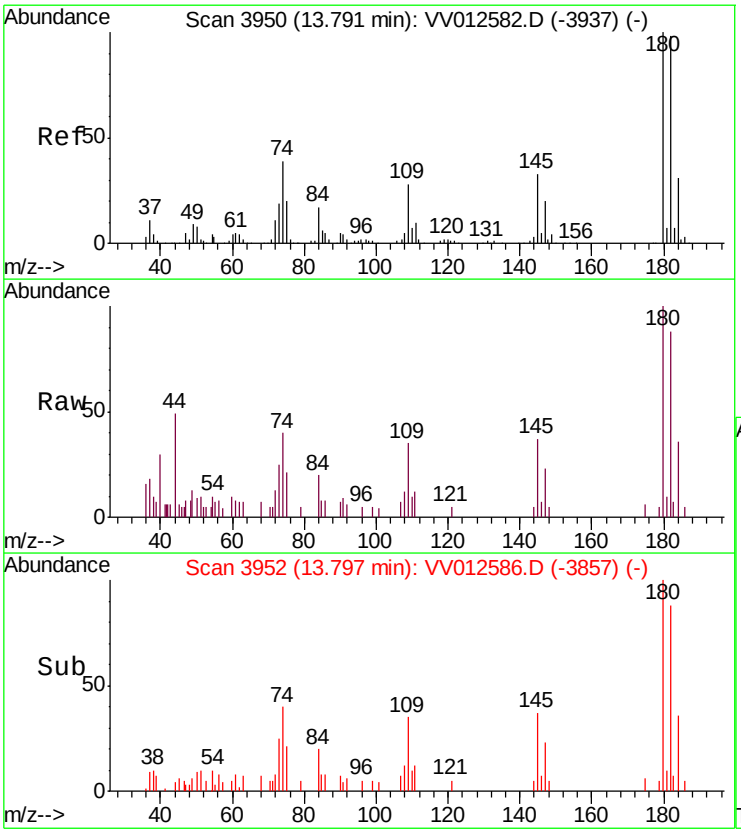
#69
Naphthalene
Concen: 0.253 ug/L
RT: 13.56 min Scan# 3878
Delta R.T. 0.01 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.531

Tgt Ion:128 Resp: 4903

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	18.4	11.1	16.7#





#70
1,2,3-Trichlorobenzene
Concen: 0.322 ug/L
RT: 13.80 min Scan# 3952
Delta R.T. 0.01 min
Lab File: VV012586.D
Acq: 05 Sep 2019 17:45

Tgt Ion:180 Resp: 3881

Ion	Ratio	Lower	Upper
180	100		
182	97.2	77.8	116.6
145	35.1	26.8	40.2