Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082319\
Data File : VV012365.D
Acq On : 23 Aug 2019 15:03
Operator : SY/MD
Sample : VSTD0.532
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD0.532

Quant Time: Aug 24 00:35:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 24 00:30:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	218417	5.00	ug/L		0.00
28) Chlorobenzene-d5	8.89	117	209862	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	91386	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	6700	0.51	ug/L		0.00
7) Chloroethane-d5	1.58	69	5226	0.53	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.13	63	12080	0.55	ug/L		0.00
20) 2-Butanone-d5	3.98	46	16863	5.80	ug/L		0.02
24) Chloroform-d	4.41	84	15352	0.58	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.08	65	8014	0.64	ug/L		0.00
32) Benzene-d6	5.10	84	29952	0.56	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.12	67	9763	0.62	ug/L		0.00
41) Toluene-d8	7.36	98	25375	0.53	ug/L		0.00
43) trans-1,3-Dichloropropene-	7.67	79	3624	0.61	ug/L		0.00
46) 2-Hexanone-d5	8.15	63	8407	4.47	ug/L		0.01
57) 1,1,2,2-Tetrachloroethane-	10.26	84	6236	0.58	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	10475	0.68	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.14	85	10111	0.497	ug/L		97
3) Chloromethane	1.25	50	8417	0.468	ug/L		94
5) Vinyl chloride	1.32	62	7860	0.429	ug/L		93
6) Bromomethane	1.54	94	3880	0.388	ug/L		99
8) Chloroethane	1.60	64	4200	0.408	ug/L		98
9) Trichlorofluoromethane	1.77	101	9702	0.415	ug/L		94
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	5429	0.457	ug/L		95
12) 1,1-Dichloroethene	2.14	96	4589	0.412	ug/L	#	78
13) Acetone	2.23	43	6167	3.557	ug/L		95
14) Carbon disulfide	2.32	76	16049	0.490	ug/L		98
15) Methyl Acetate	2.47	43	1992	0.459	ug/L	#	86
16) Methylene chloride	2.53	84	6344	0.530	ug/L		95
17) Methyl tert-butyl Ether	2.81	73	13493	0.437	ug/L	#	93
18) trans-1,2-Dichloroethene	2.79	96	7117	0.475	ug/L		97
19) 1,1-Dichloroethane	3.23	63	12804	0.468	ug/L		94
21) 2-Butanone	4.07	43	14066	3.981	ug/L		95
22) cis-1,2-Dichloroethene	3.96	96	7724	0.475	ug/L		98
23) Bromochloromethane	4.30	128	3021	0.438	ug/L		94
25) Chloroform	4.43	83	17546	0.568	ug/L		100
27) 1,2-Dichloroethane	5.18	62	7586	0.452	ug/L		98
29) 1,1,1-Trichloroethane	4.65	97	11168	0.453	ug/L		99
30) Cyclohexane	4.72	56	10641	0.432	ug/L		98
31) Carbon tetrachloride	4.87	117	9614	0.433	ug/L		98
33) Benzene	5.15	78	27019	0.442	ug/L		100
34) Trichloroethene	5.96	95	7754	0.468	ug/L		98
35) Methylcyclohexane	6.17	83	11666	0.457	ug/L		96
37) 1,2-Dichloropropane	6.22	63	7259	0.475	ug/L	#	93
38) Bromodichloromethane	6.55	83	8945	0.456	ug/L		88
39) cis-1,3-Dichloropropene	7.07	75	8967	0.434	ug/L		98
40) 4-Methyl-2-pentanone	7.29	43	33222	3.989	ug/L		97

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082319\
Data File : VV012365.D
Acq On : 23 Aug 2019 15:03
Operator : SY/MD
Sample : VSTD0.532
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD0.532

Quant Time: Aug 24 00:35:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 24 00:30:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	7.43	91	26544	0.411	ug/L		96
44) trans-1,3-Dichloropropene	7.70	75	6265	0.380	ug/L		90
45) 1,1,2-Trichloroethane	7.88	97	4248	0.420	ug/L		94
47) Tetrachloroethene	8.02	164	6107	0.451	ug/L		97
48) 2-Hexanone	8.20	43	24334	4.144	ug/L		93
49) Dibromochloromethane	8.29	129	5097	0.407	ug/L		96
50) 1,2-Dibromoethane	8.40	107	4283	0.439	ug/L	#	96
51) Chlorobenzene	8.92	112	18683	0.448	ug/L		99
52) Ethylbenzene	9.05	91	27290	0.397	ug/L		96
53) m,p-xylene	9.18	106	9840	0.375	ug/L		100
54) o-xylene	9.59	106	9436	0.379	ug/L		96
55) Styrene	9.60	104	14266	0.343	ug/L		97
56) Isopropylbenzene	9.97	105	24609	0.368	ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.29	83	4523	0.390	ug/L		93
59) 1,2,3-Trichloropropane	10.32	75	4101	0.479	ug/L		99
61) Bromoform	9.78	173	2950	0.523	ug/L	#	97
62) 1,3-Dichlorobenzene	11.23	146	13606	0.469	ug/L		99
63) 1,4-Dichlorobenzene	11.32	146	14338	0.495	ug/L		98
65) 1,2-Dichlorobenzene	11.69	146	12662	0.475	ug/L		95
66) 1,2-Dibromo-3-chloropropan	12.48	75	740	0.438	ug/L		92
67) 1,3,5-Trichlorobenzene	12.69	180	10045	0.456	ug/L		97
68) 1,2,4-trichlorobenzene	13.31	180	5820	0.359	ug/L		98
69) Naphthalene	13.56	128	8134	0.355	ug/L		96
70) 1,2,3-Trichlorobenzene	13.79	180	5688	0.373	ug/L	#	90

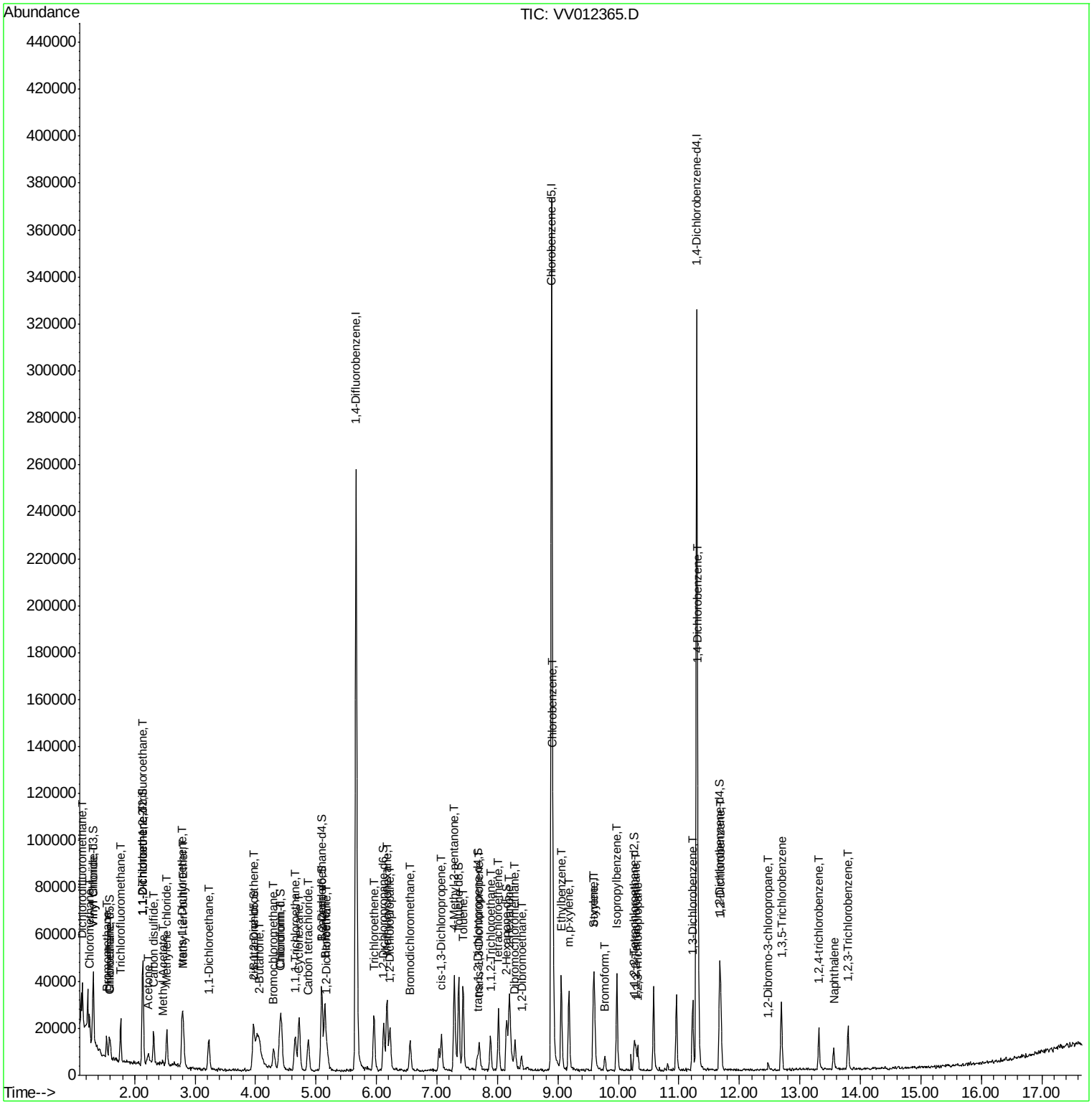
(#) = qualifier out of range (m) = manual integration (+) = signals summed

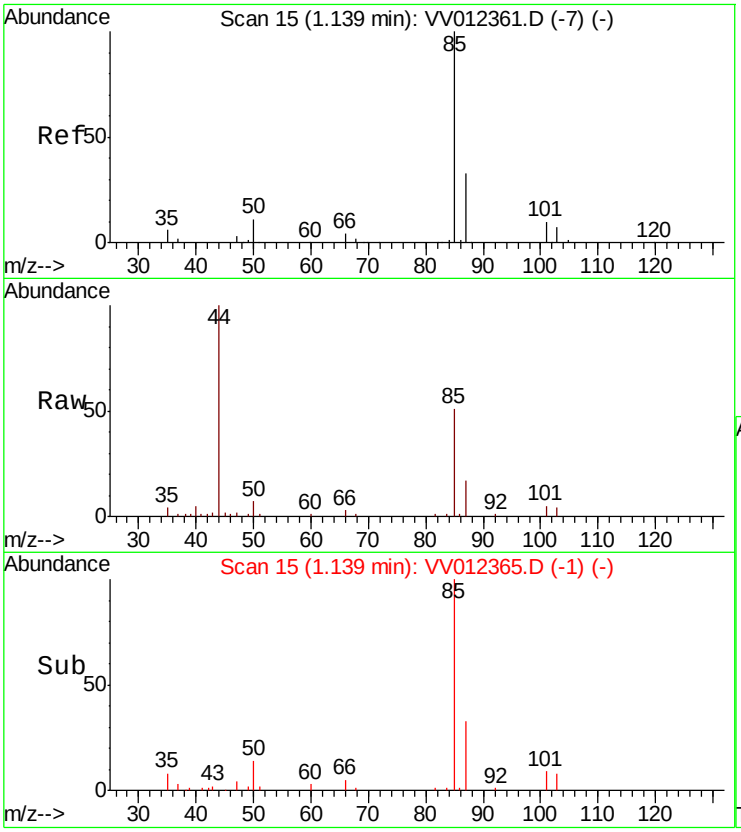
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082319\
Data File : VV012365.D
Acq On : 23 Aug 2019 15:03
Operator : SY/MD
Sample : VSTD0.532
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.532

Quant Time: Aug 24 00:35:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 24 00:30:48 2019
Response via : Initial Calibration



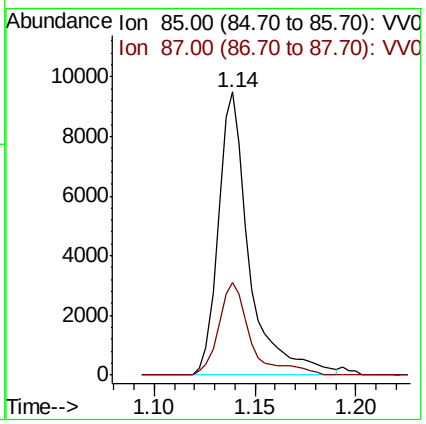


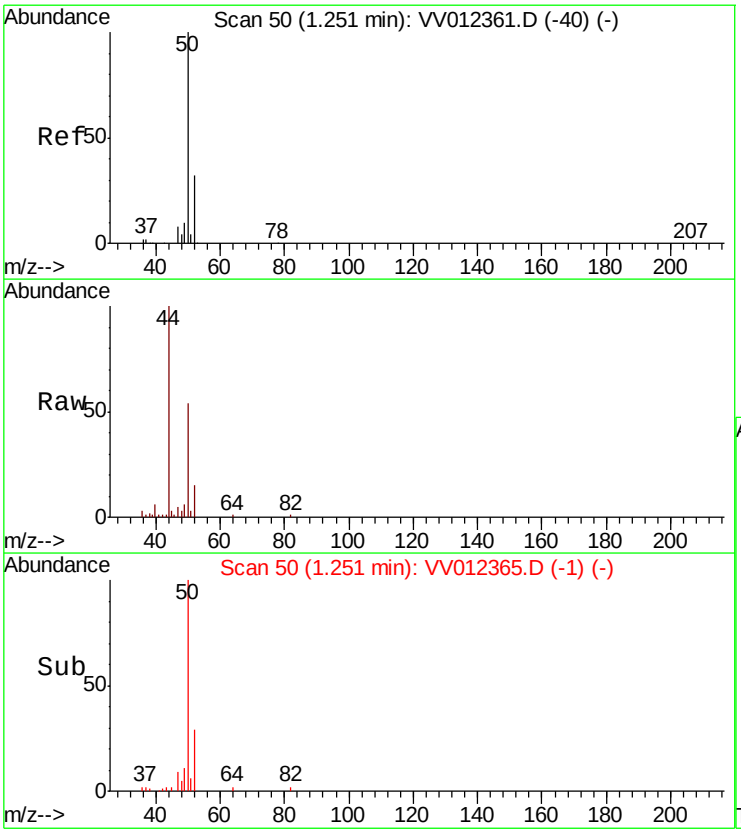
#2
Dichlorodifluoromethane
Concen: 0.497 ug/L
RT: 1.14 min Scan# 15
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.532

Tgt Ion: 85 Resp: 10111

Ion	Ratio	Lower	Upper
85	100		
87	33.7	25.8	38.8

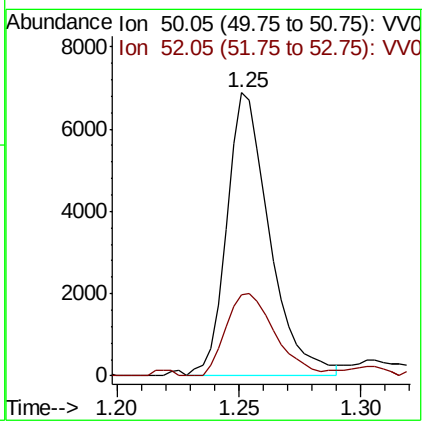


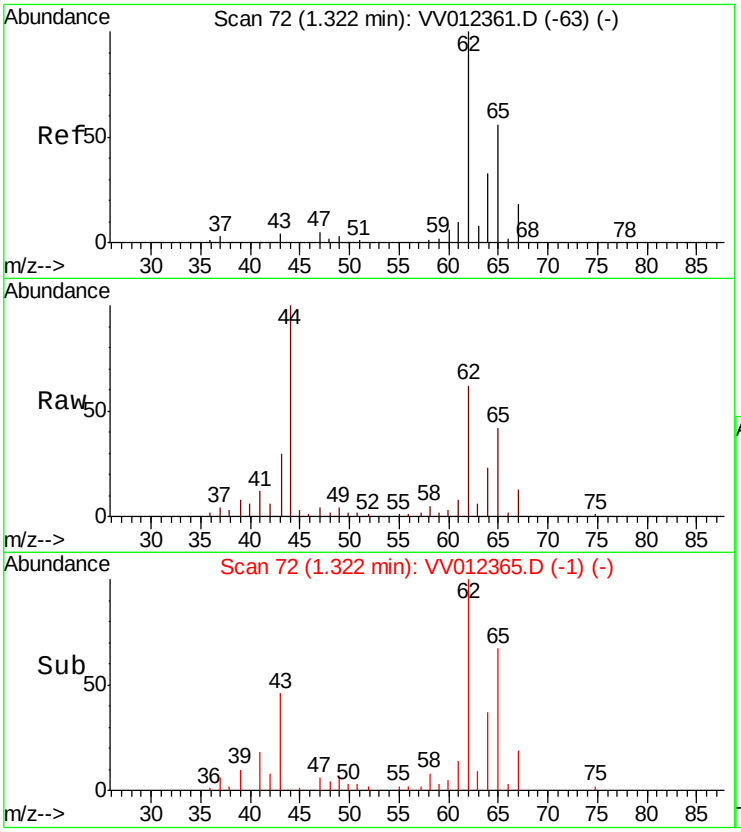


#3
Chloromethane
Concen: 0.468 ug/L
RT: 1.25 min Scan# 50
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Tgt Ion: 50 Resp: 8417

Ion	Ratio	Lower	Upper
50	100		
52	28.6	22.2	41.2



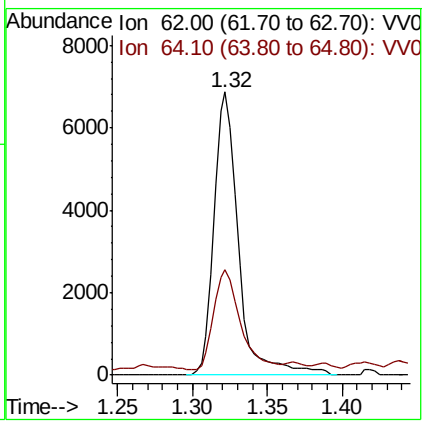


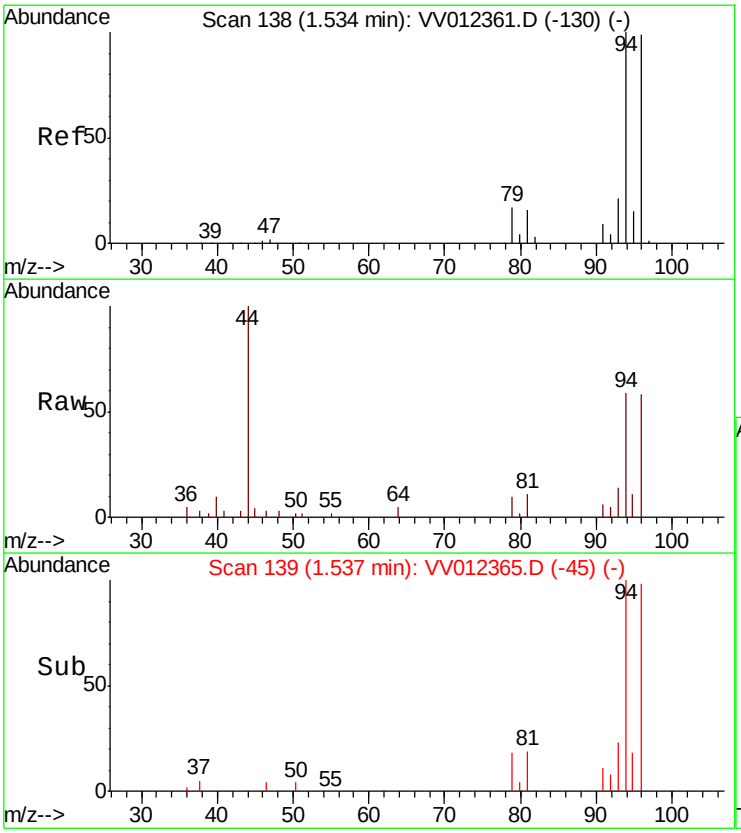
#5
Vinyl chloride
Concen: 0.429 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.532

Tgt Ion: 62 Resp: 7860

Ion	Ratio	Lower	Upper
62	100		
64	37.2	23.2	43.2

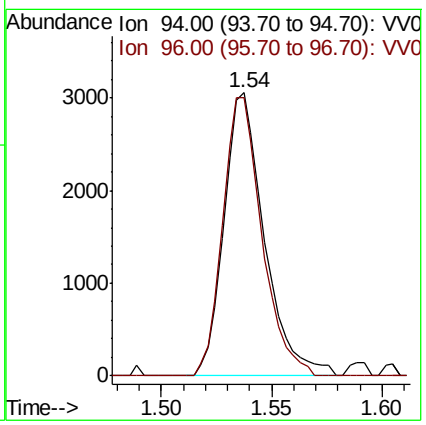


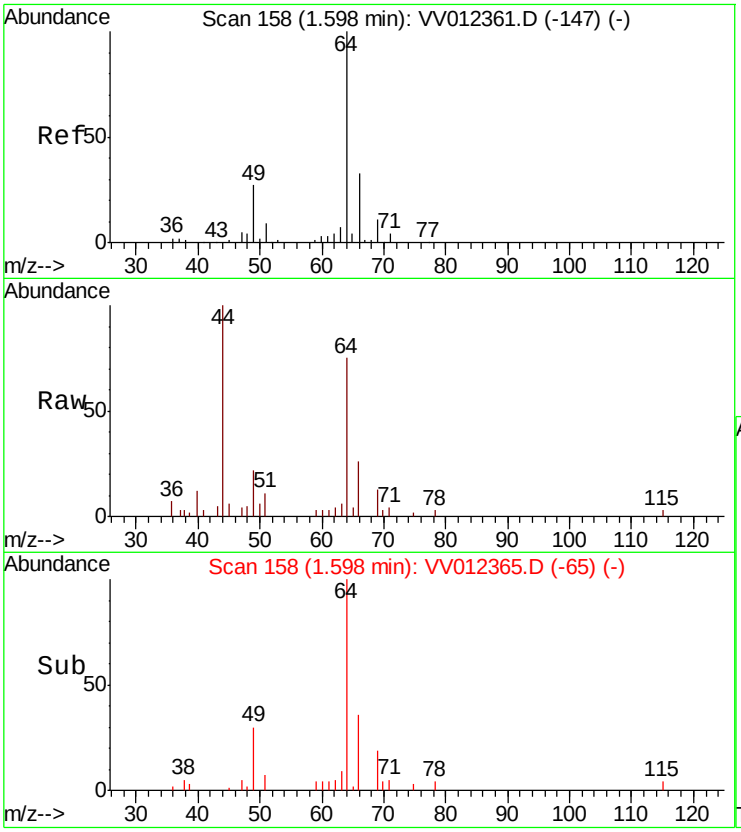


#6
Bromomethane
Concen: 0.388 ug/L
RT: 1.54 min Scan# 139
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Tgt Ion: 94 Resp: 3880

Ion	Ratio	Lower	Upper
94	100		
96	98.4	69.2	128.6



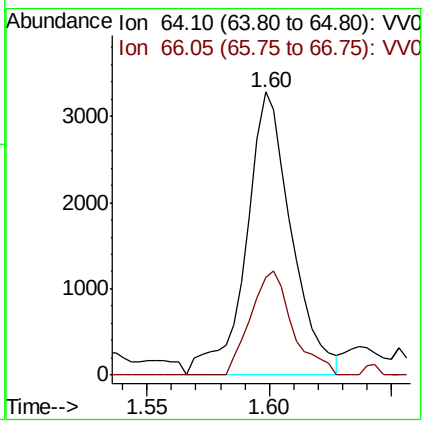


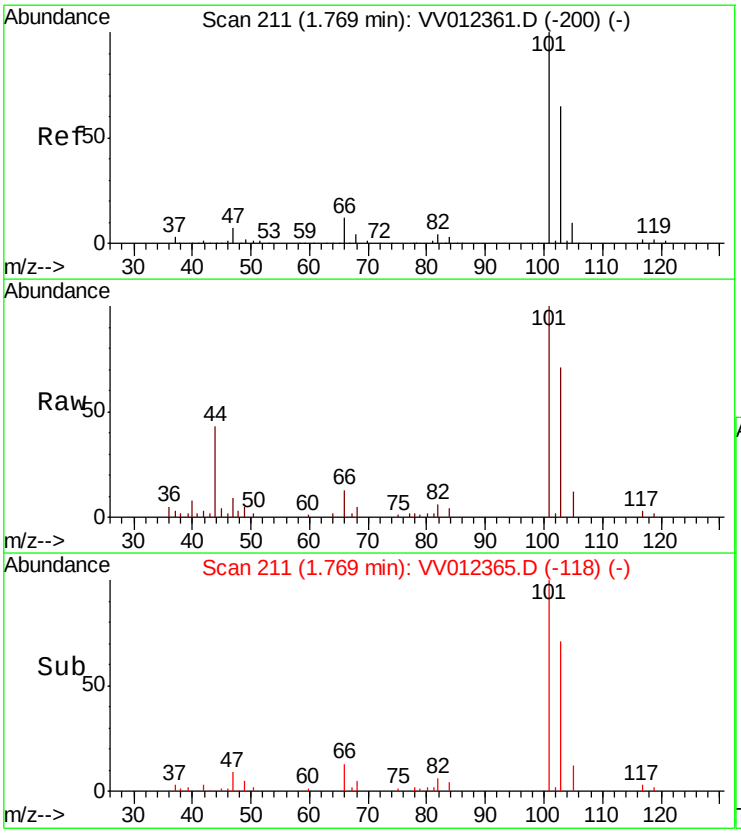
#8
Chloroethane
Concen: 0.408 ug/L
RT: 1.60 min Scan# 158
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Instrument : MSVOA_V
ClientSampleId : VSTD0.532

Tgt Ion: 64 Resp: 4200

Ion	Ratio	Lower	Upper
64	100		
66	34.5	23.2	43.0

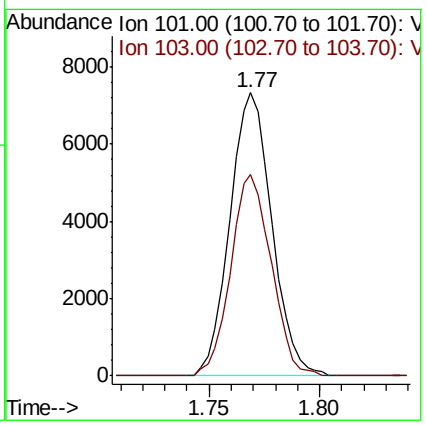


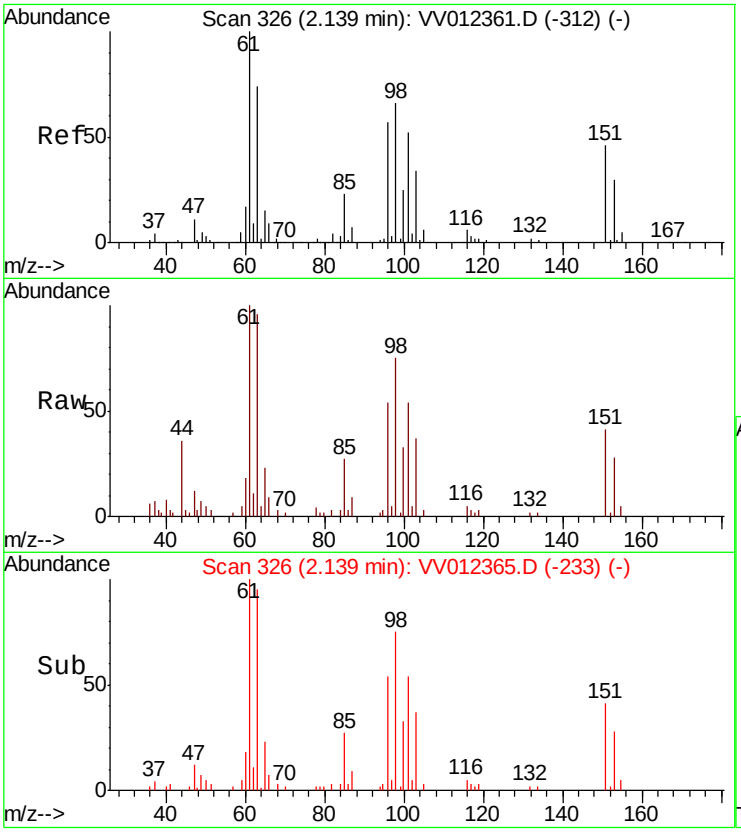


#9
Trichlorofluoromethane
Concen: 0.415 ug/L
RT: 1.77 min Scan# 211
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Tgt Ion:101 Resp: 9702

Ion	Ratio	Lower	Upper
101	100		
103	68.6	51.2	76.8



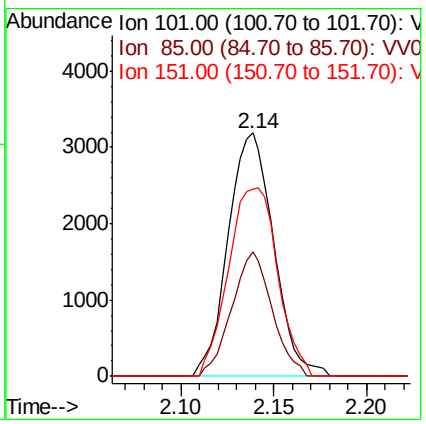


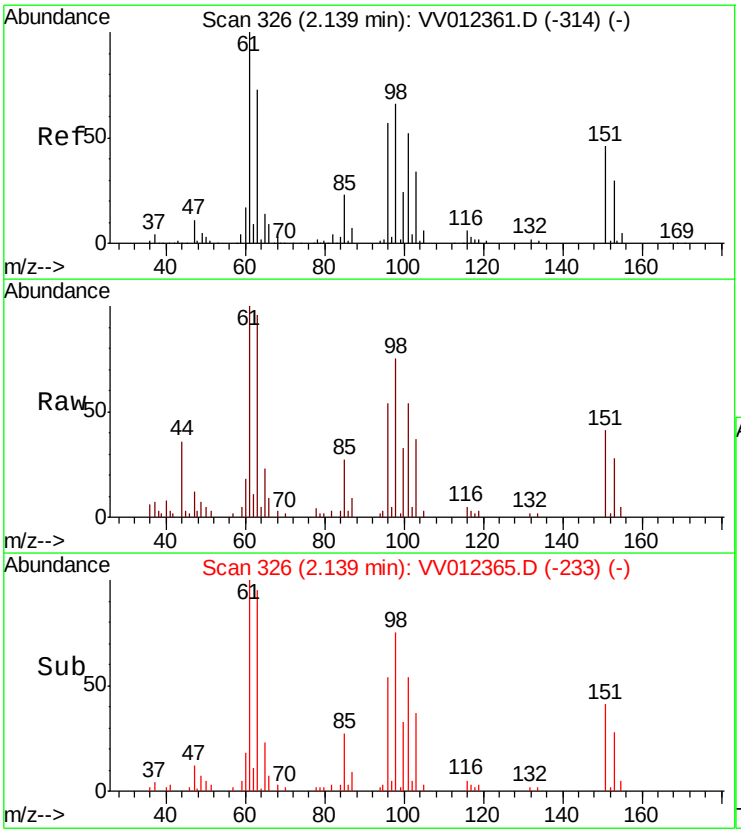
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.457 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.532

Tgt Ion:101 Resp: 5429

Ion	Ratio	Lower	Upper
101	100		
85	45.3	34.6	51.8
151	83.5	71.2	106.8

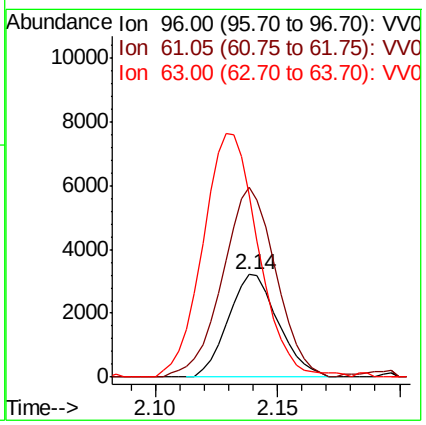


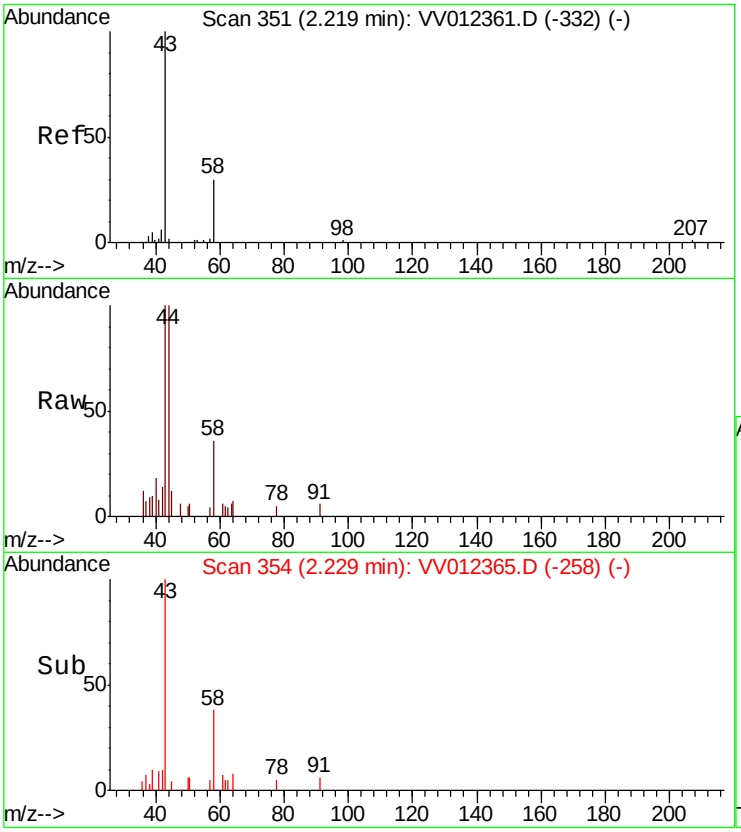


#12
1,1-Dichloroethene
Concen: 0.412 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Tgt Ion: 96 Resp: 4589

Ion	Ratio	Lower	Upper
96	100		
61	184.6	122.3	227.1
63	178.0	90.6	168.2#



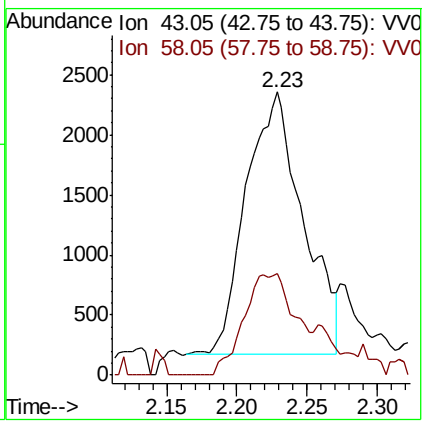


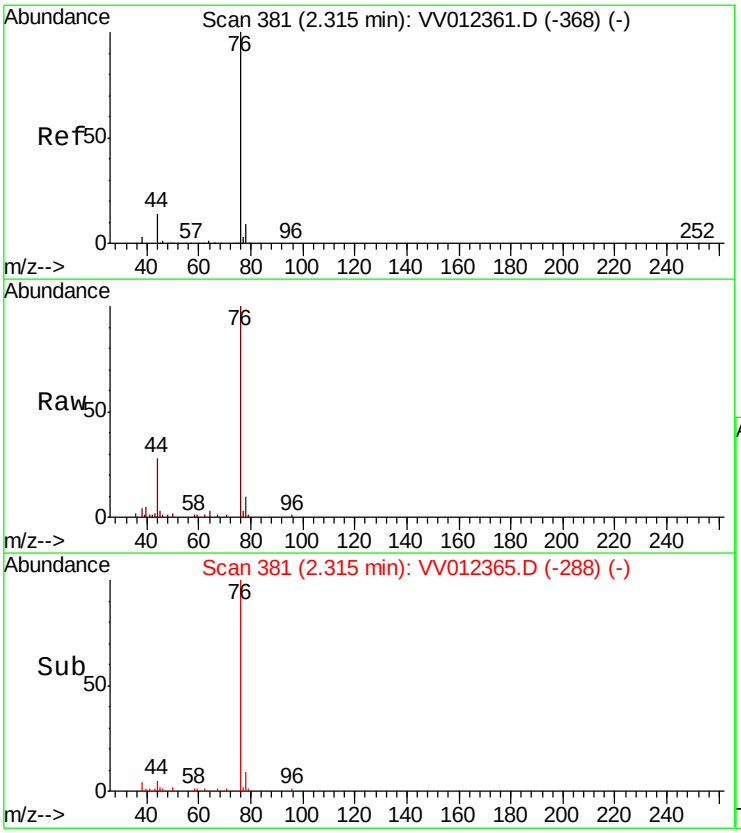
#13
Acetone
Concen: 3.557 ug/L
RT: 2.23 min Scan# 354
Delta R.T. 0.01 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.532

Tgt Ion: 43 Resp: 6167

Ion	Ratio	Lower	Upper
43	100		
58	34.2	0.0	62.8

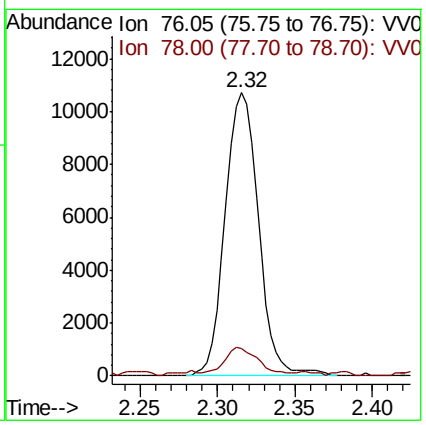


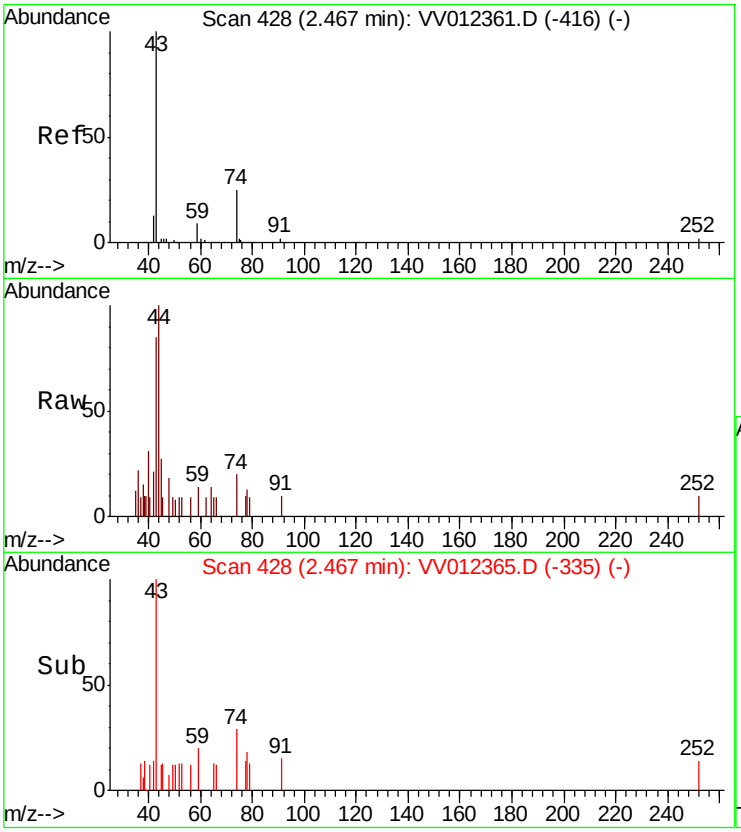


#14
Carbon disulfide
Concen: 0.490 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Tgt Ion: 76 Resp: 16049

Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.3	10.9



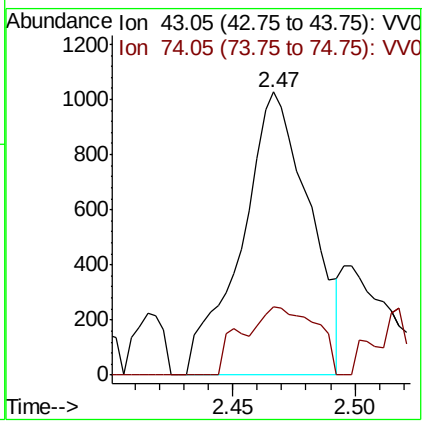


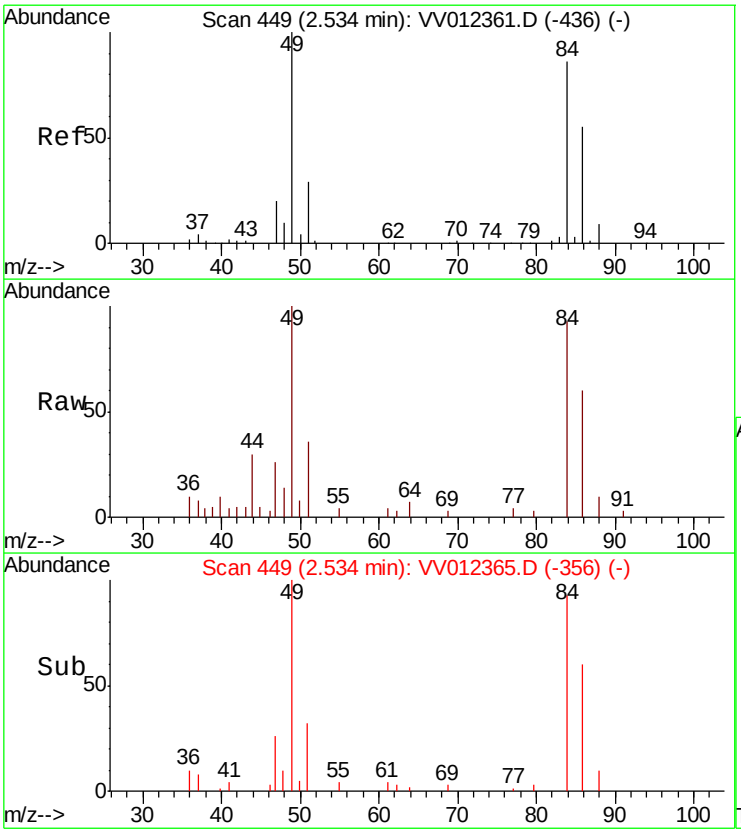
#15
Methyl Acetate
Concen: 0.459 ug/L
RT: 2.47 min Scan# 428
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.532

Tgt Ion: 43 Resp: 1992

Ion	Ratio	Lower	Upper
43	100		
74	19.9	21.8	32.6#

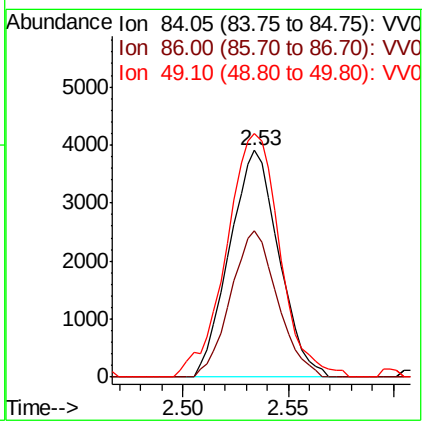


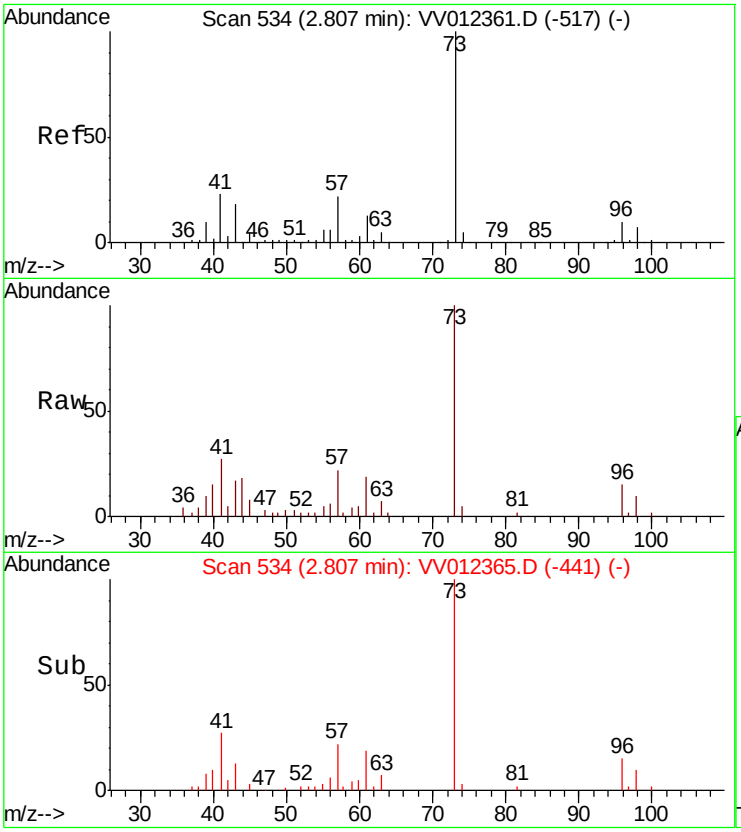


#16
Methylene chloride
Concen: 0.530 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Tgt Ion: 84 Resp: 6344

Ion	Ratio	Lower	Upper
84	100		
86	64.6	44.9	83.5
49	107.3	81.1	150.7



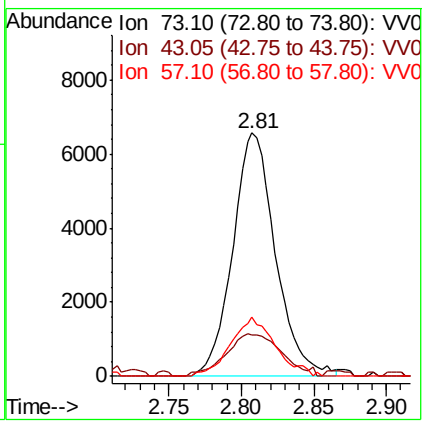


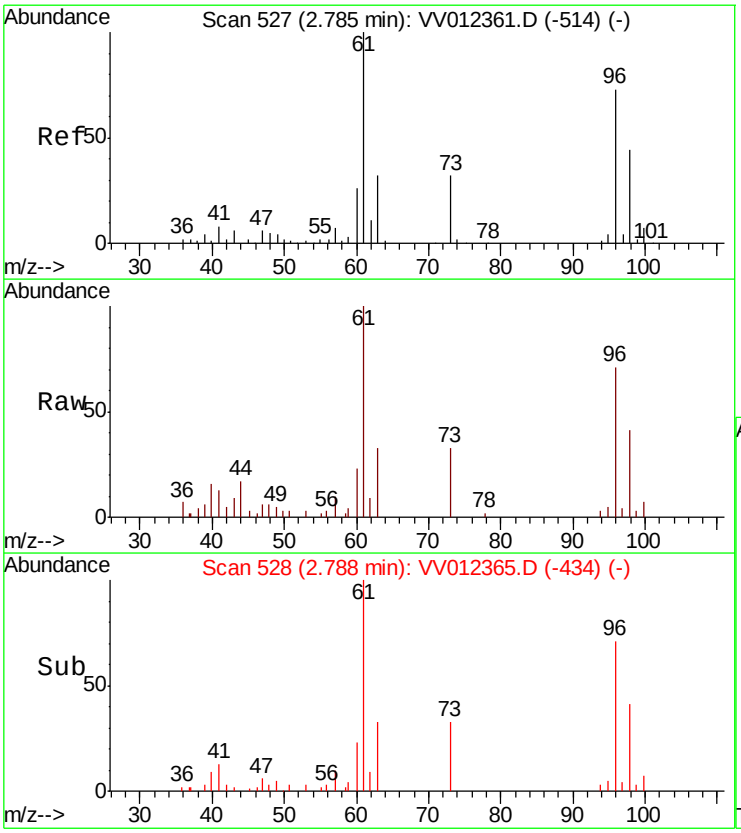
#17
Methyl tert-butyl Ether
Concen: 0.437 ug/L
RT: 2.81 min Scan# 534
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.532

Tgt Ion: 73 Resp: 13493

Ion	Ratio	Lower	Upper
73	100		
43	22.6	15.0	22.6#
57	25.1	18.0	27.0

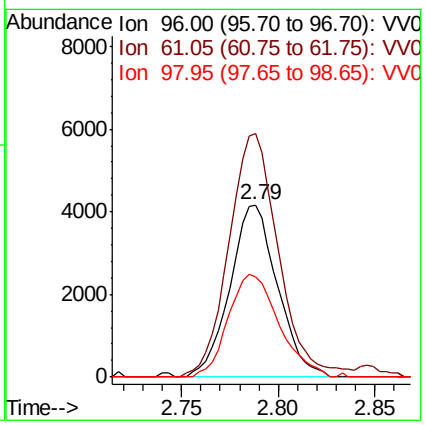


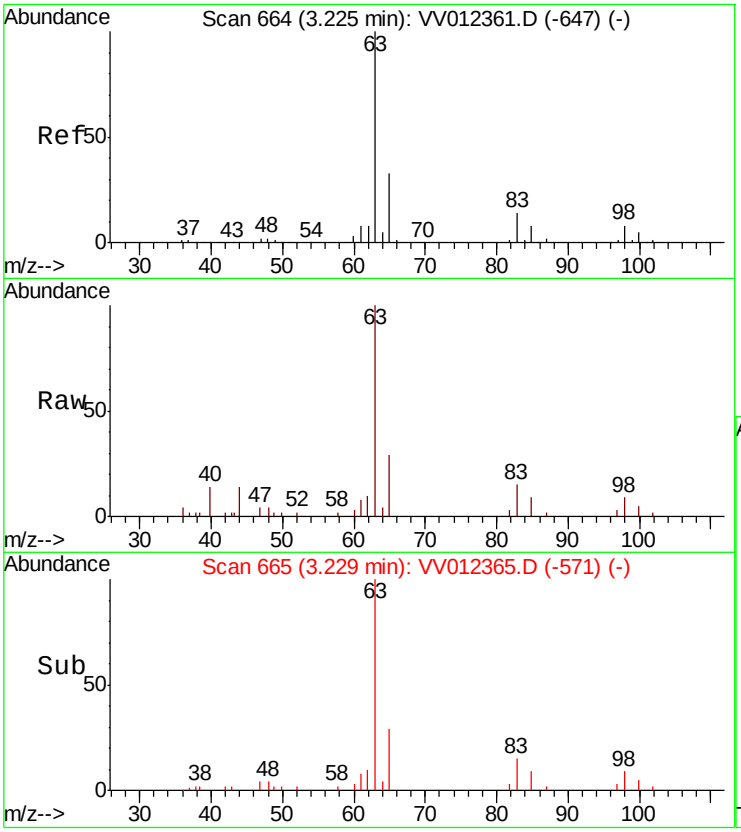


#18
trans-1,2-Dichloroethene
Concen: 0.475 ug/L
RT: 2.79 min Scan# 528
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Tgt Ion: 96 Resp: 7117

Ion	Ratio	Lower	Upper
96	100		
61	141.2	96.0	178.4
98	58.4	42.1	78.3



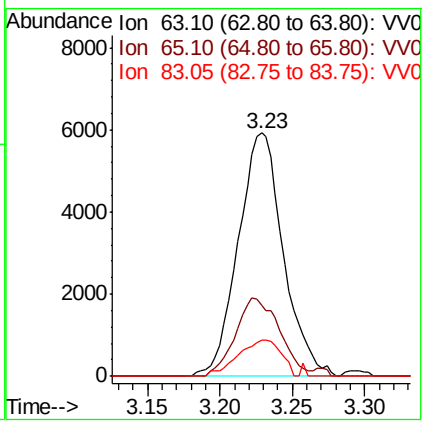


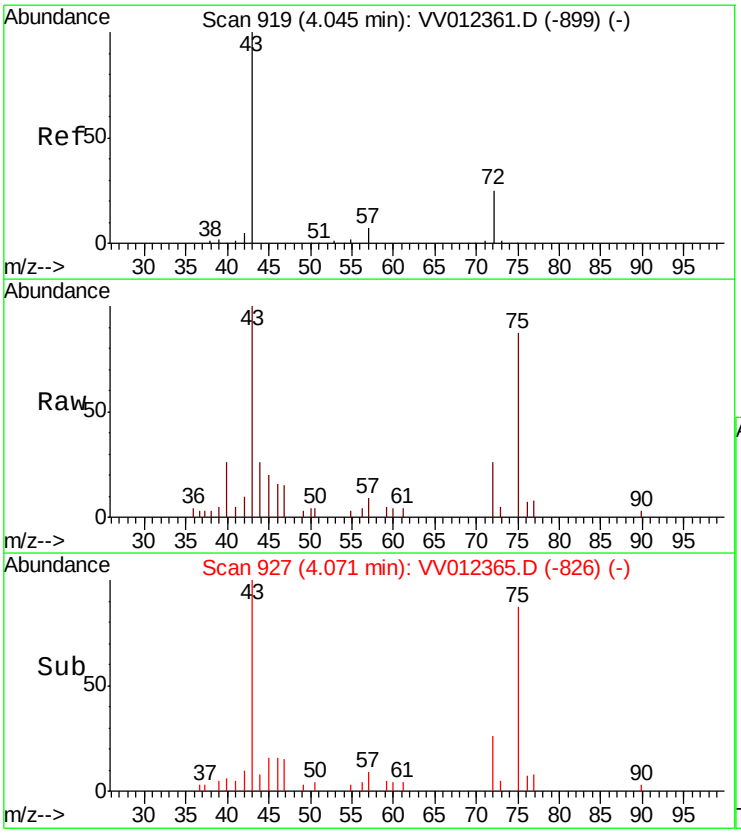
#19
1,1-Dichloroethane
Concen: 0.468 ug/L
RT: 3.23 min Scan# 665
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Instrument : MSVOA_V
ClientSampleId : VSTD0.532

Tgt Ion: 63 Resp: 12804

Ion	Ratio	Lower	Upper
63	100		
65	29.3	23.1	42.9
83	14.6	9.4	17.6

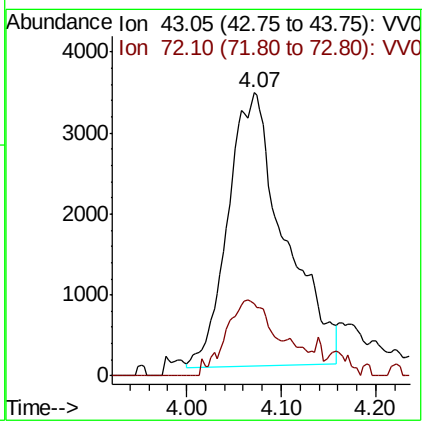


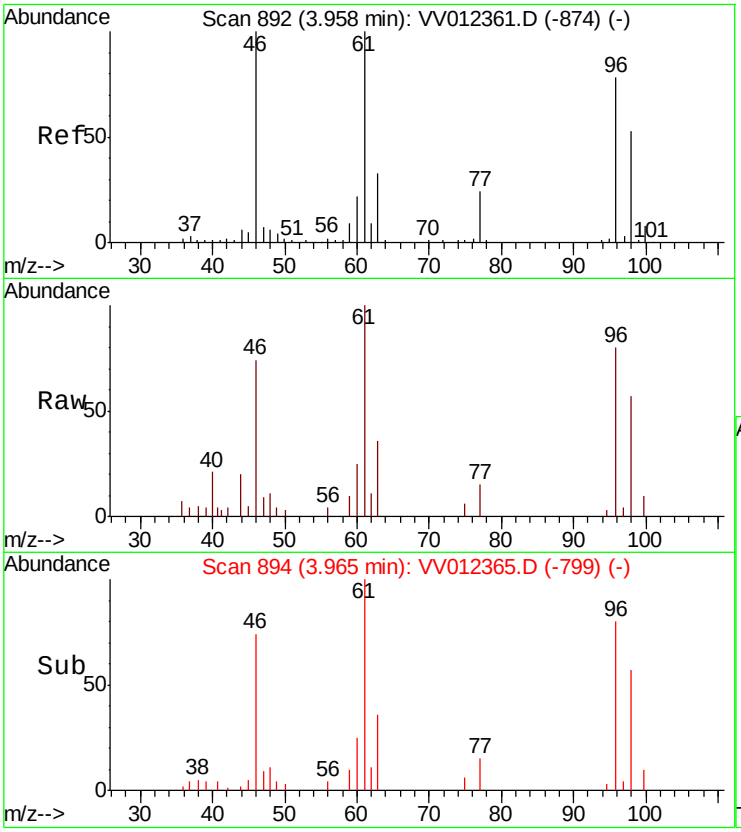


#21
2-Butanone
Concen: 3.981 ug/L
RT: 4.07 min Scan# 927
Delta R.T. 0.03 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Tgt Ion: 43 Resp: 14066

Ion	Ratio	Lower	Upper
43	100		
72	21.7	12.2	36.6



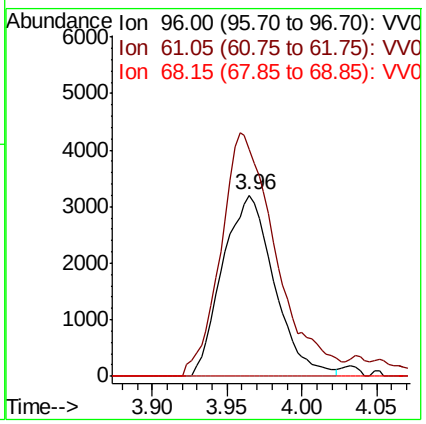


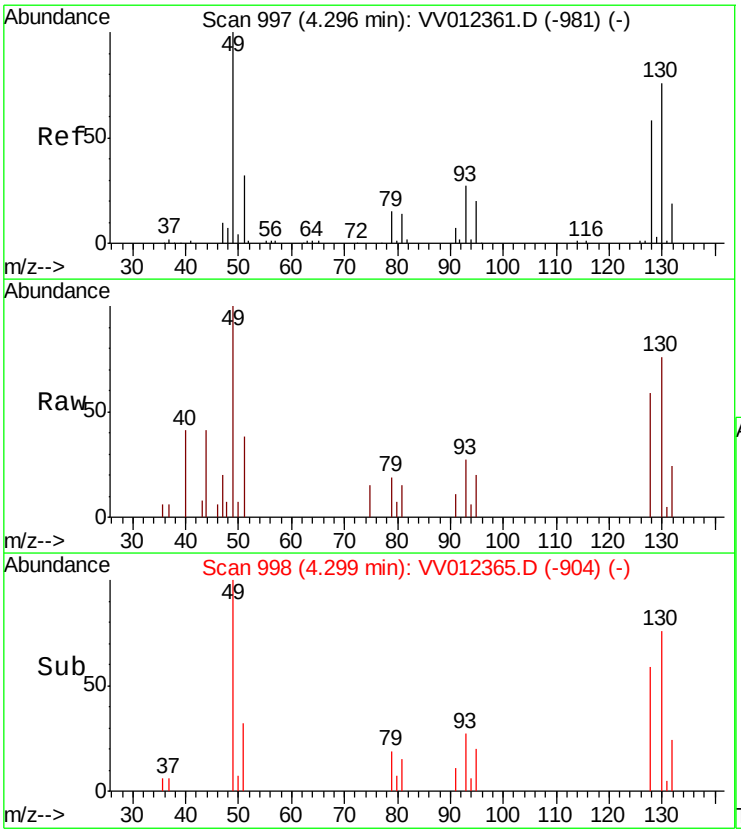
#22
cis-1,2-Dichloroethene
Concen: 0.475 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.01 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.532

Tgt Ion: 96 Resp: 7724

Ion	Ratio	Lower	Upper
96	100		
61	125.0	89.4	166.0
68	0.0	0.0	0.0

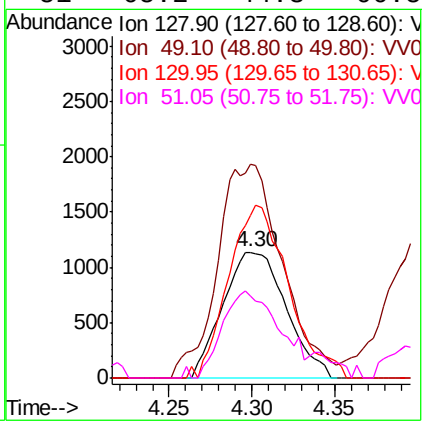


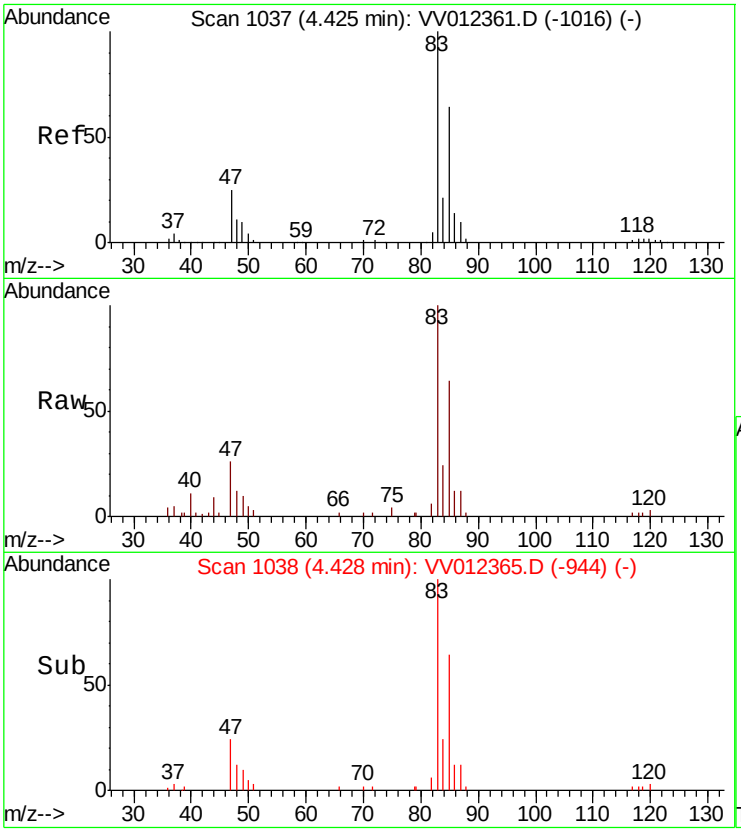


#23
Bromochloromethane
Concen: 0.438 ug/L
RT: 4.30 min Scan# 998
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Tgt Ion:128 Resp: 3021

Ion	Ratio	Lower	Upper
128	100		
49	181.3	120.7	224.1
130	129.4	91.5	169.9
51	65.2	44.3	66.5



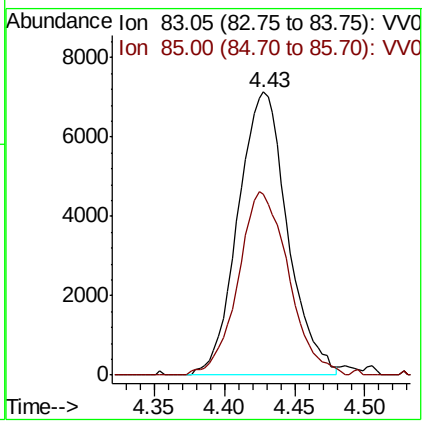


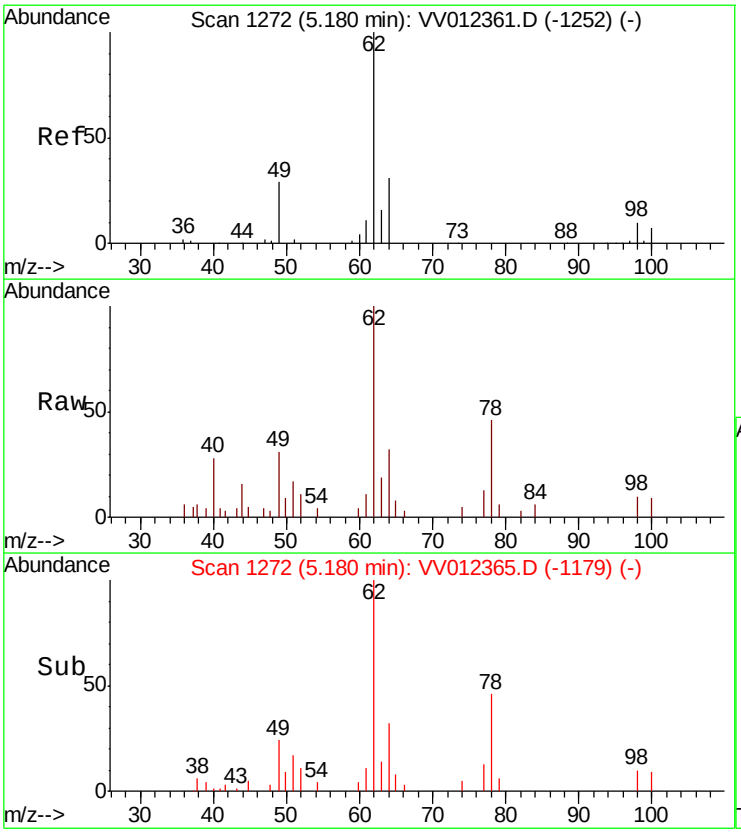
#25
Chloroform
Concen: 0.568 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.532

Tgt Ion: 83 Resp: 17546

Ion	Ratio	Lower	Upper
83	100		
85	63.9	44.6	82.8

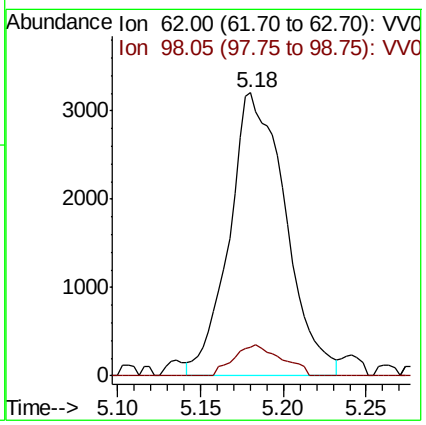


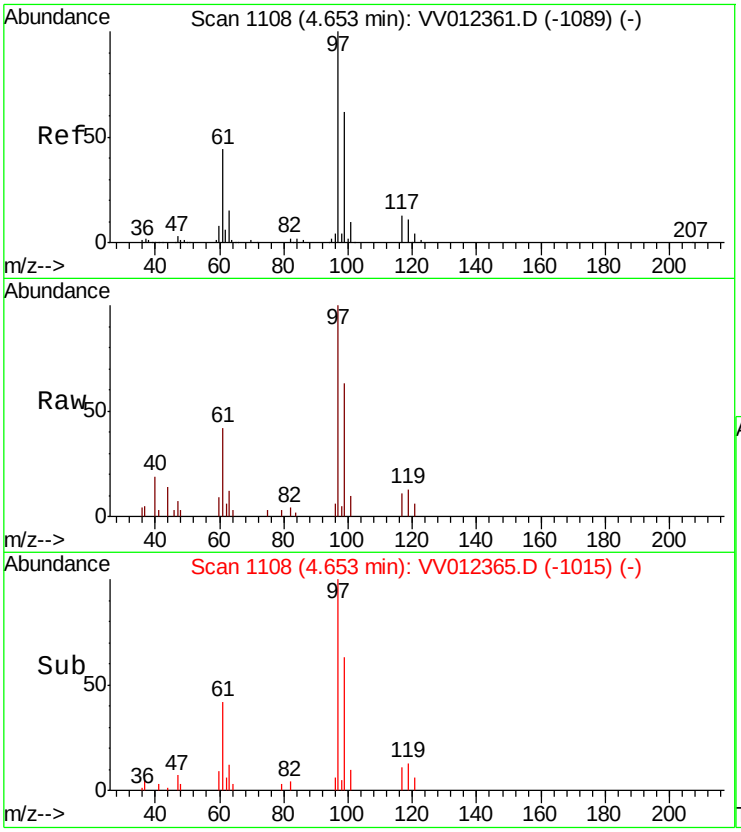


#27
1,2-Dichloroethane
Concen: 0.452 ug/L
RT: 5.18 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Tgt Ion: 62 Resp: 7586

Ion	Ratio	Lower	Upper
62	100		
98	10.1	7.6	11.4



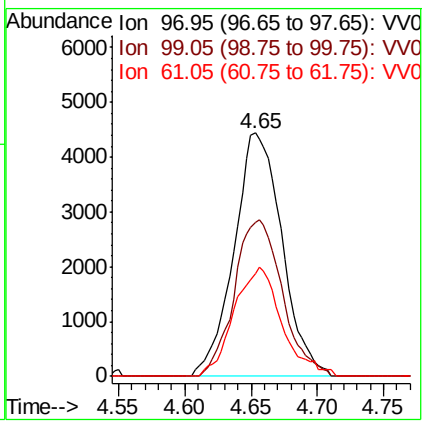


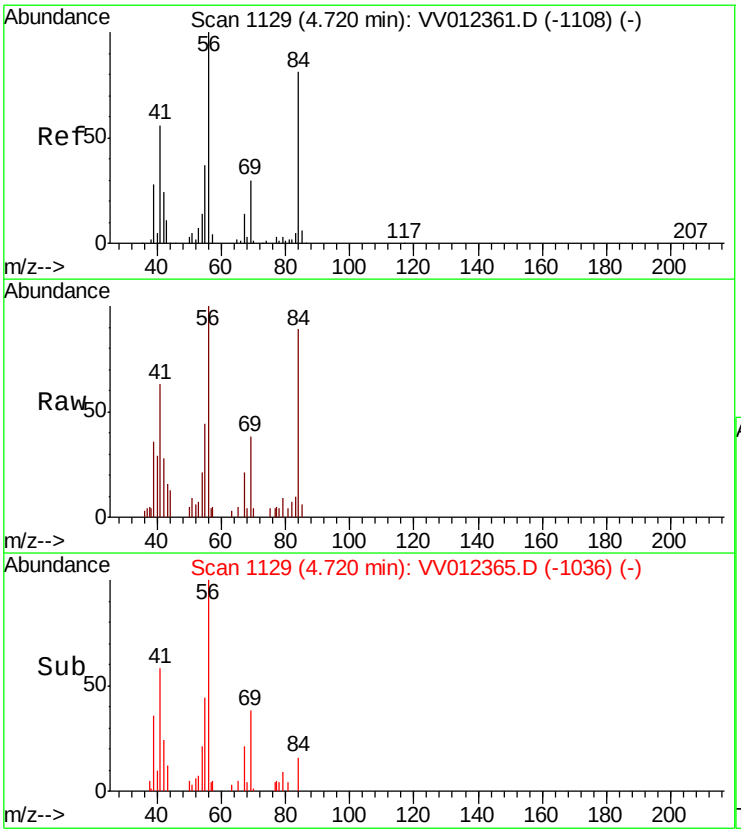
#29
1,1,1-Trichloroethane
Concen: 0.453 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.532

Tgt Ion: 97 Resp: 11168

Ion	Ratio	Lower	Upper
97	100		
99	64.3	50.5	75.7
61	44.8	35.4	53.2

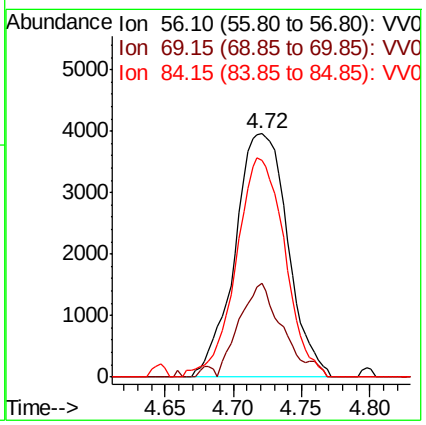


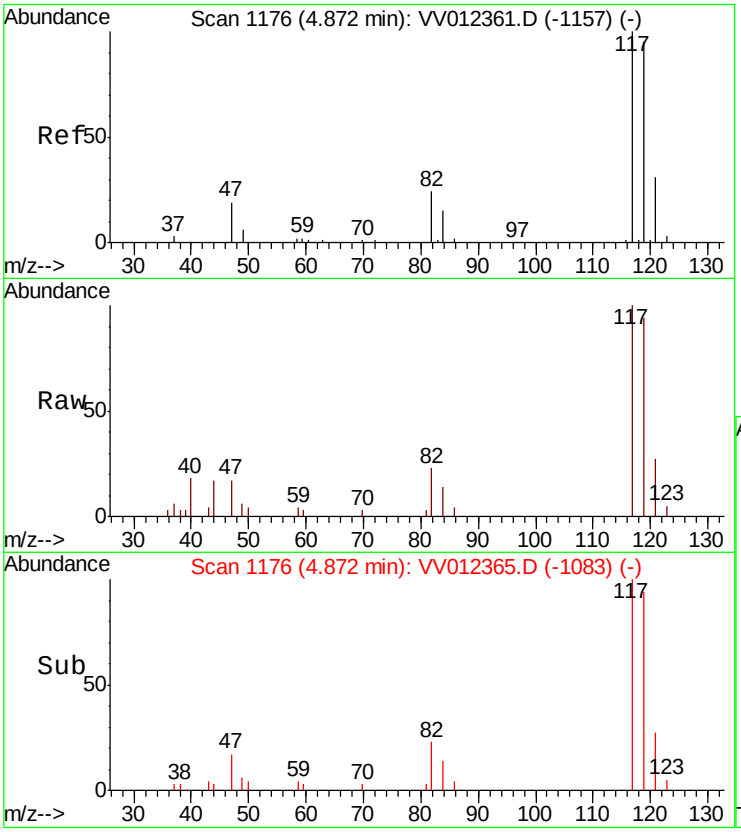


#30
Cyclohexane
Concen: 0.432 ug/L
RT: 4.72 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Tgt Ion: 56 Resp: 10641

Ion	Ratio	Lower	Upper
56	100		
69	31.8	24.0	36.0
84	83.0	67.9	101.9



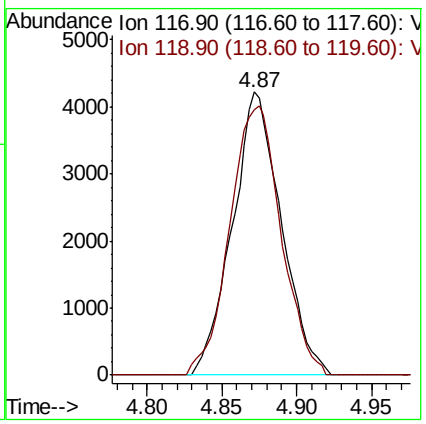


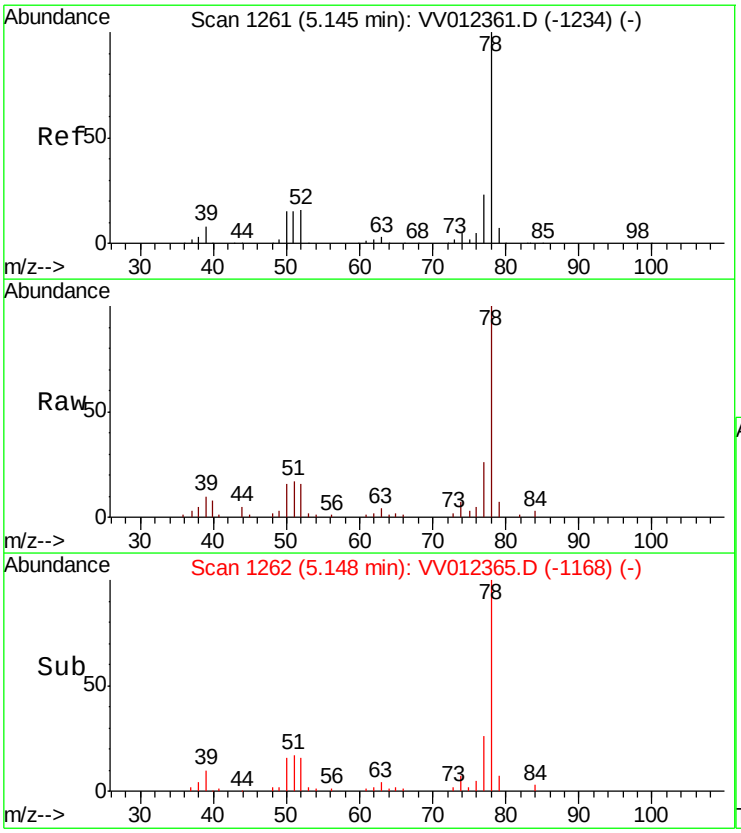
#31
Carbon tetrachloride
Concen: 0.433 ug/L
RT: 4.87 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.532

Tgt Ion:117 Resp: 9614

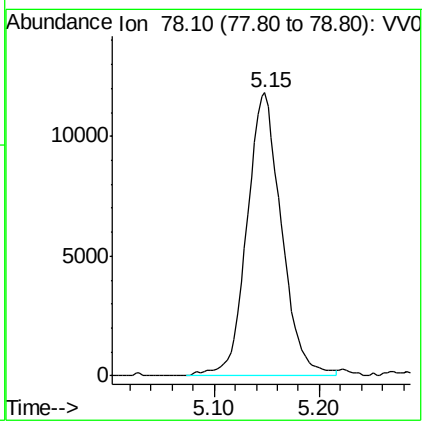
Ion	Ratio	Lower	Upper
117	100		
119	99.4	77.8	116.8

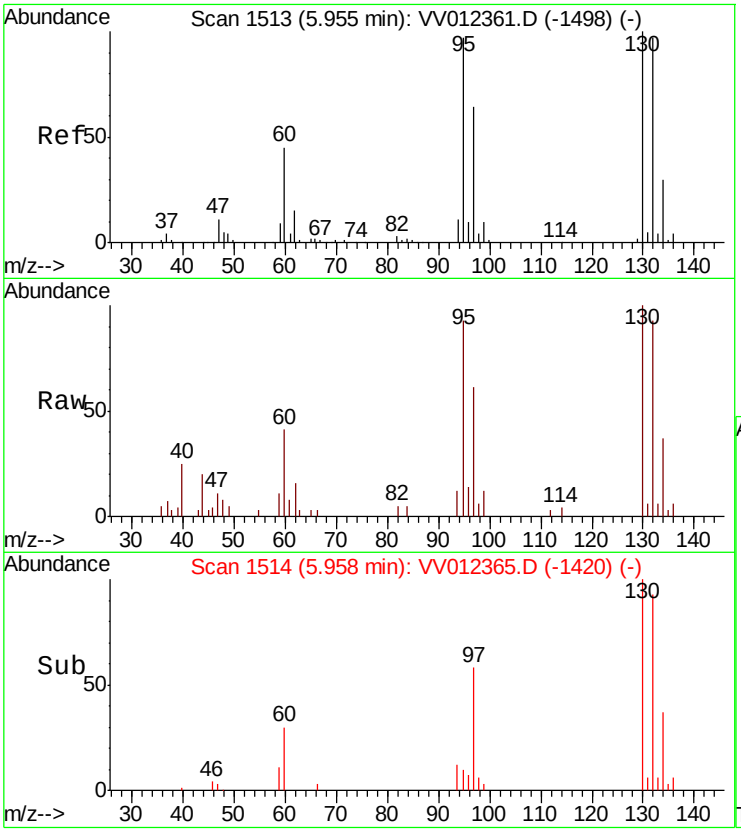




#33
Benzene
Concen: 0.442 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Tgt Ion: 78 Resp: 27019



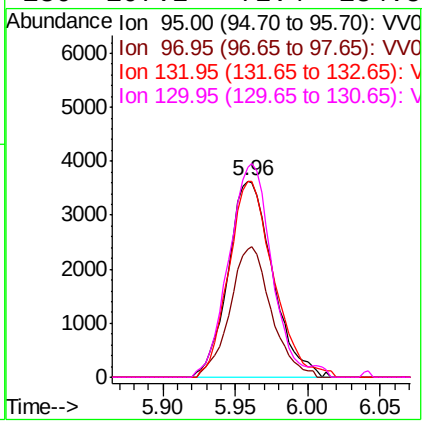


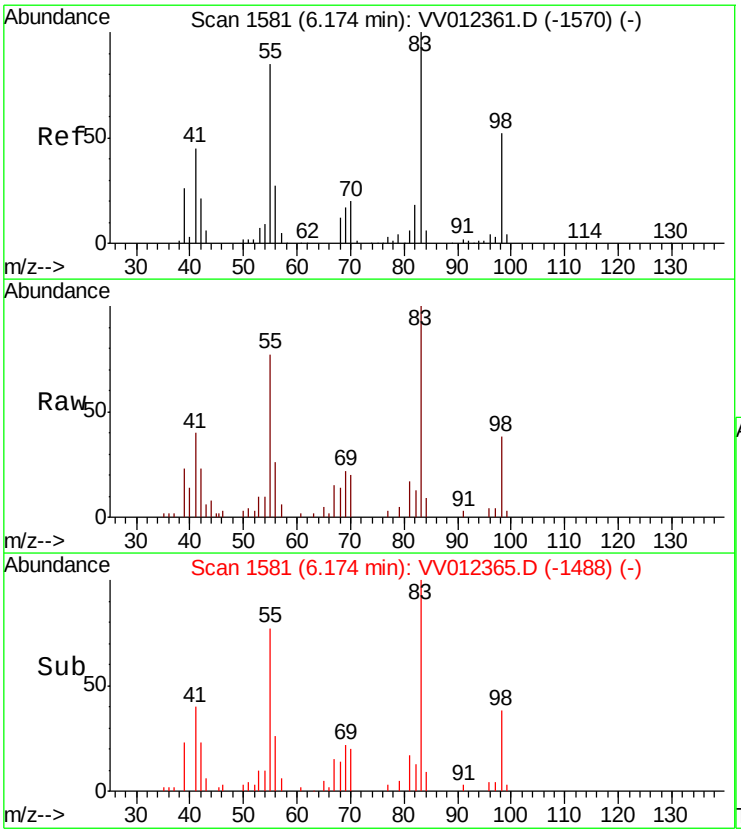
#34
Trichloroethene
Concen: 0.468 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Instrument : MSVOA_V
ClientSampleId : VSTD0.532

Tgt Ion: 95 Resp: 7754

Ion	Ratio	Lower	Upper
95	100		
97	65.1	46.3	86.1
132	100.0	70.3	130.7
130	107.2	72.4	134.5

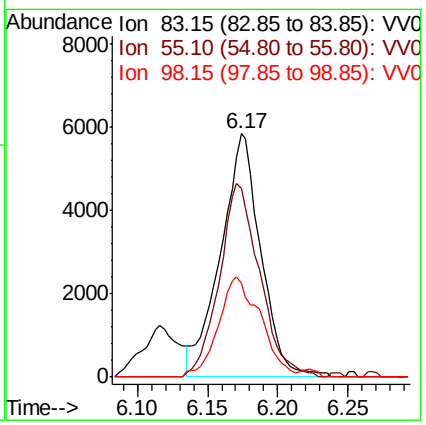


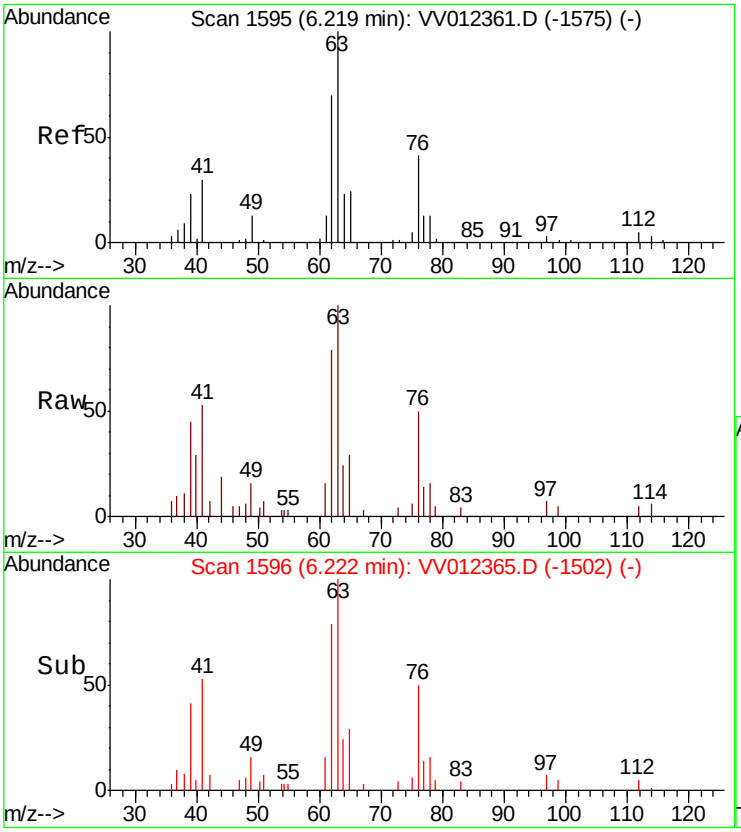


#35
Methylcyclohexane
Concen: 0.457 ug/L
RT: 6.17 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Tgt Ion: 83 Resp: 11666

Ion	Ratio	Lower	Upper
83	100		
55	79.1	64.6	97.0
98	42.8	39.0	58.4



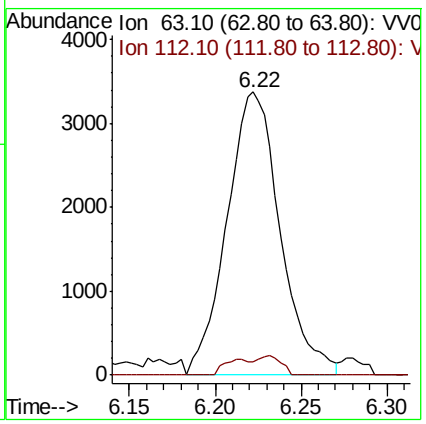


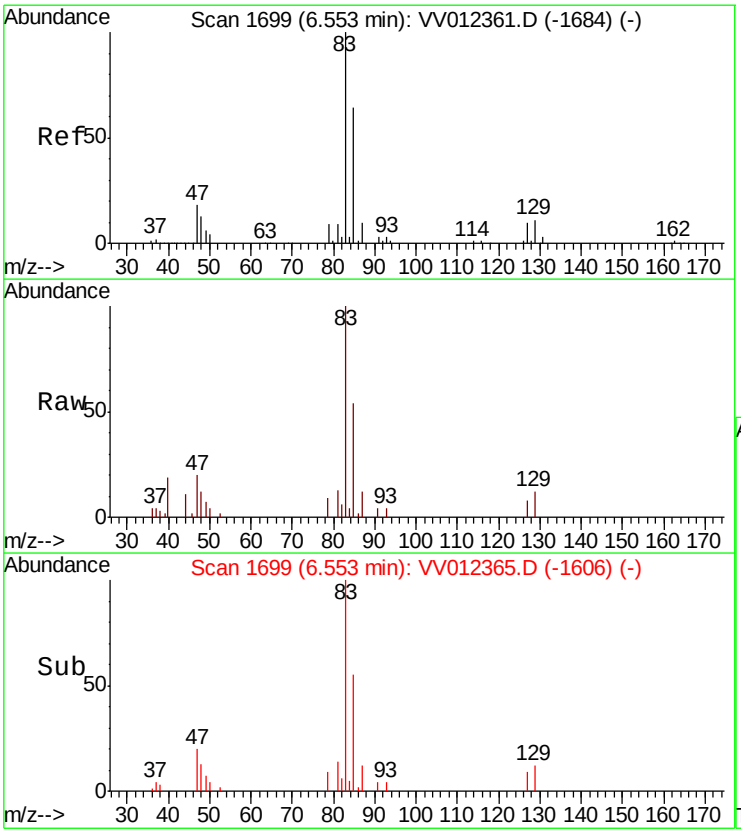
#37
1,2-Dichloropropane
Concen: 0.475 ug/L
RT: 6.22 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.532

Tgt Ion: 63 Resp: 7259

Ion	Ratio	Lower	Upper
63	100		
112	2.9	4.2	6.2#

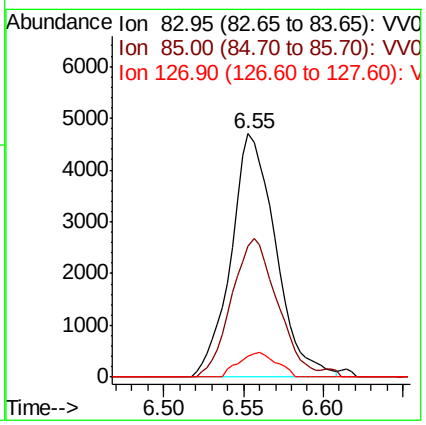


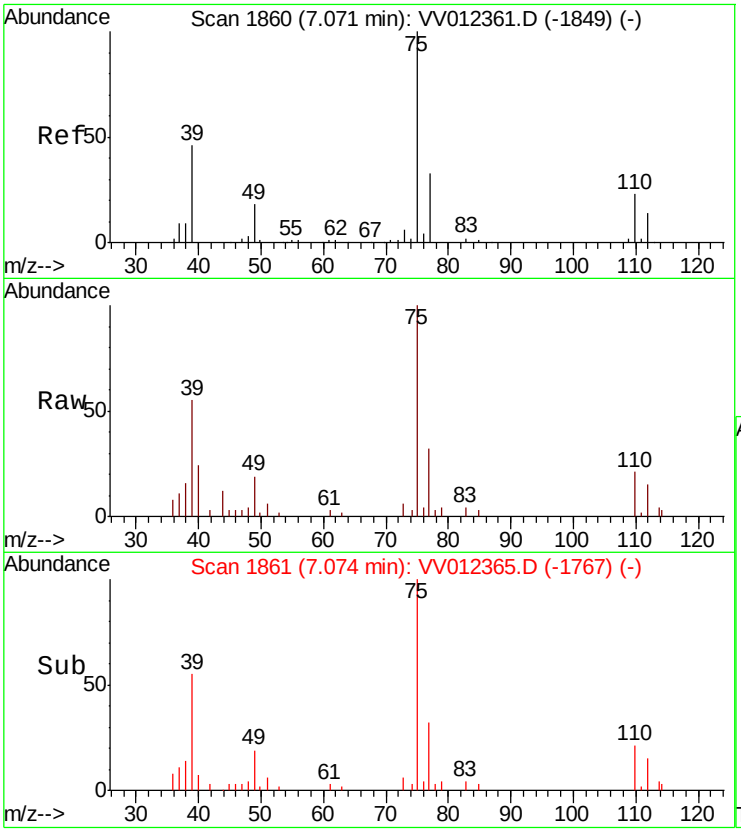


#38
Bromodichloromethane
Concen: 0.456 ug/L
RT: 6.55 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Tgt Ion: 83 Resp: 8945

Ion	Ratio	Lower	Upper
83	100		
85	53.8	45.0	83.6
127	8.4	7.7	11.5



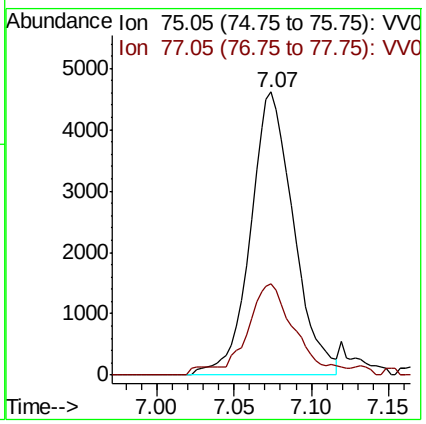


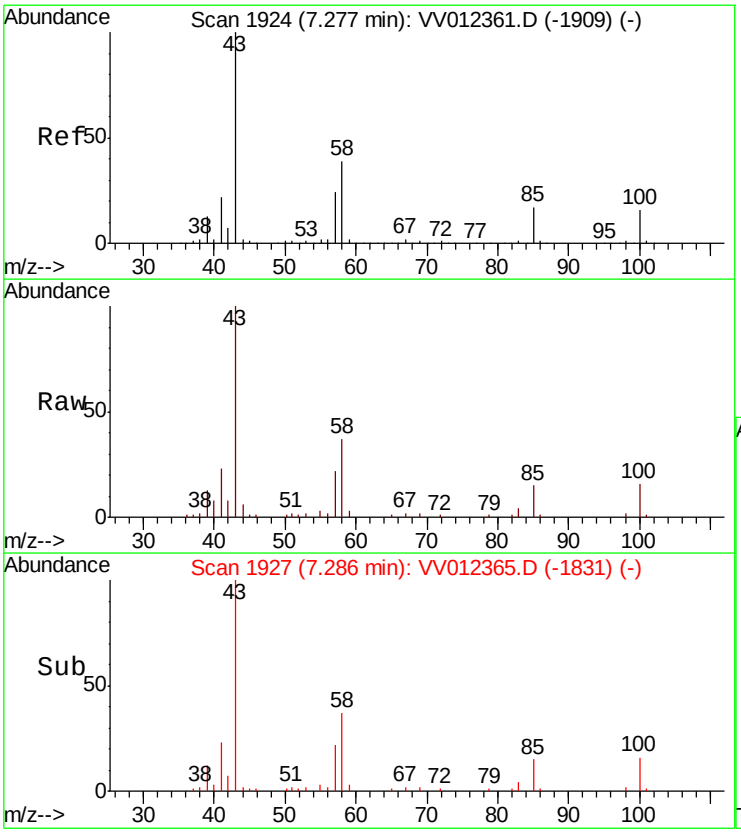
#39
cis-1,3-Dichloropropene
Concen: 0.434 ug/L
RT: 7.07 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.532

Tgt Ion: 75 Resp: 8967

Ion	Ratio	Lower	Upper
75	100		
77	32.2	23.2	43.2

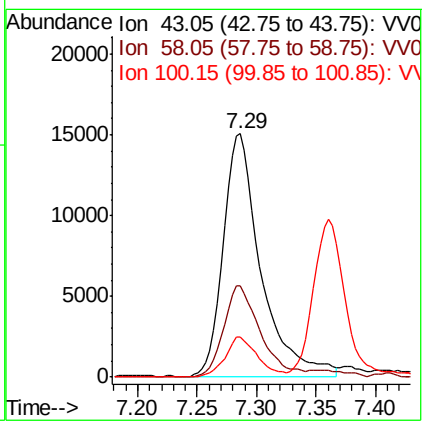


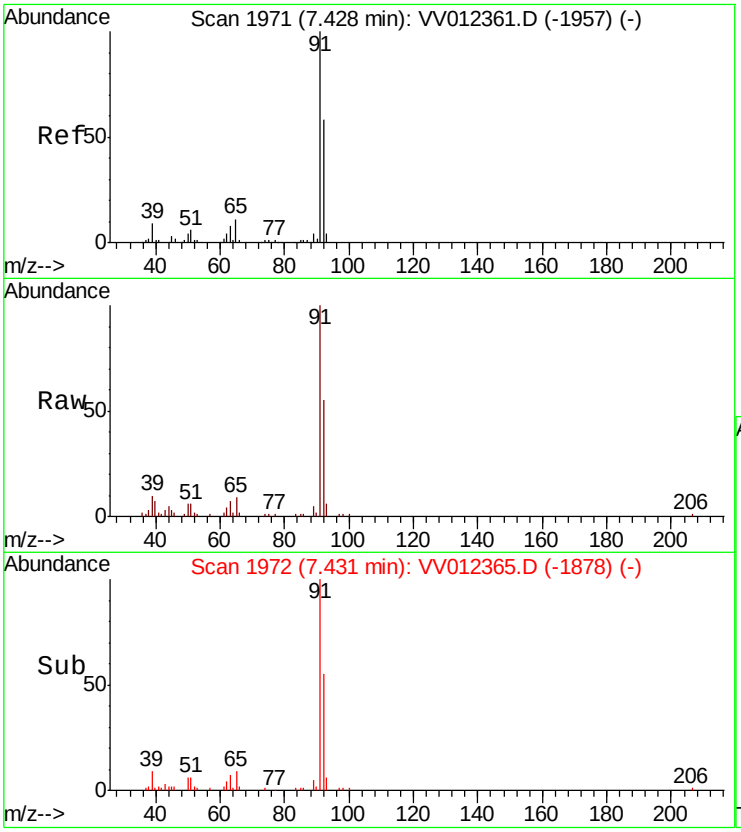


#40
4-Methyl-2-pentanone
Concen: 3.989 ug/L
RT: 7.29 min Scan# 1927
Delta R.T. 0.01 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Tgt Ion: 43 Resp: 33222

Ion	Ratio	Lower	Upper
43	100		
58	36.5	30.7	46.1
100	14.3	11.8	17.6



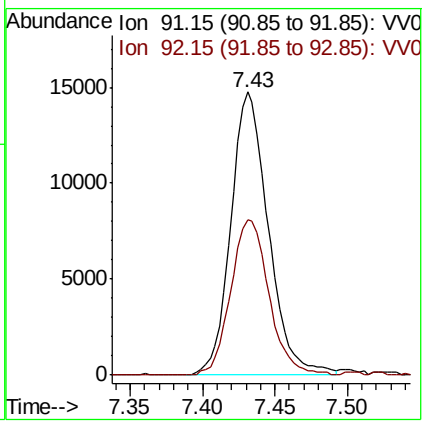


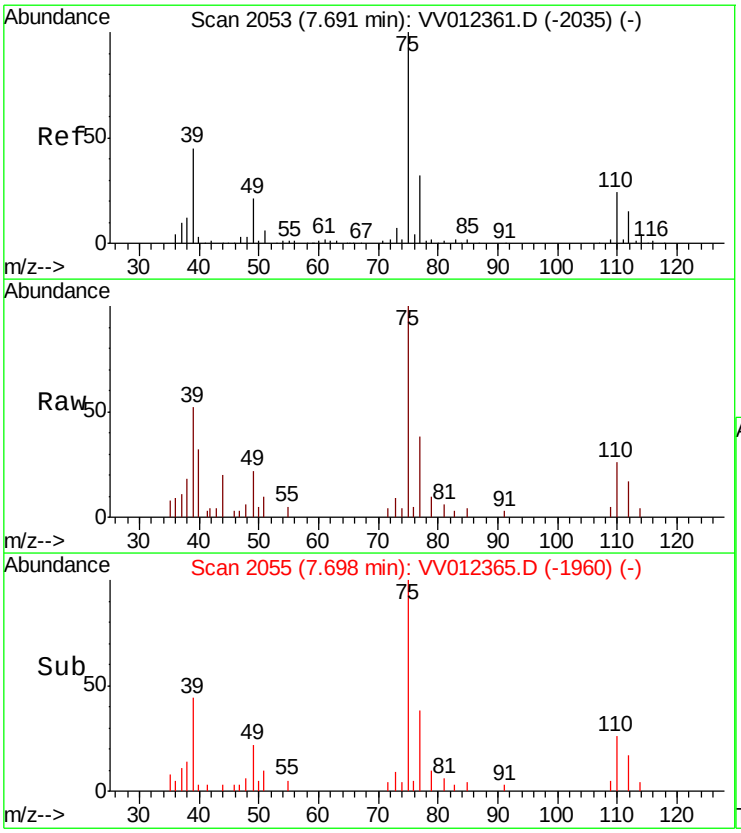
#42
Toluene
Concen: 0.411 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.532

Tgt Ion: 91 Resp: 26544

Ion	Ratio	Lower	Upper
91	100		
92	54.9	40.7	75.5

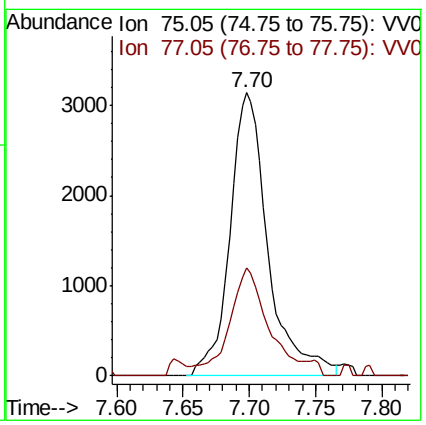


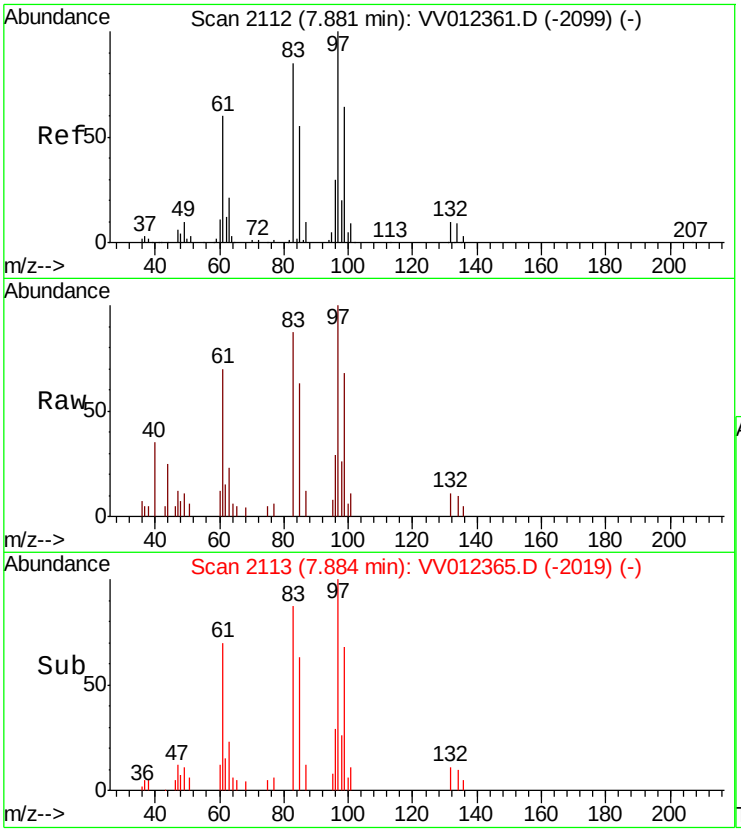


#44
trans-1,3-Dichloropropene
Concen: 0.380 ug/L
RT: 7.70 min Scan# 2055
Delta R.T. 0.01 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Tgt Ion: 75 Resp: 6265

Ion	Ratio	Lower	Upper
75	100		
77	38.1	22.6	42.0



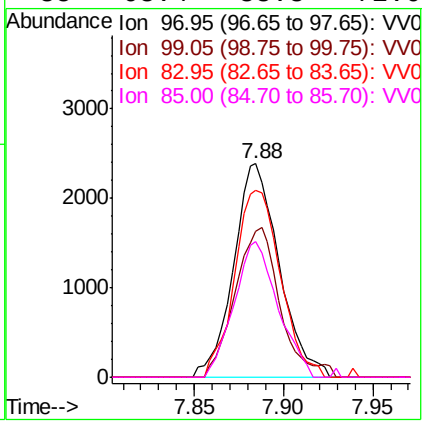


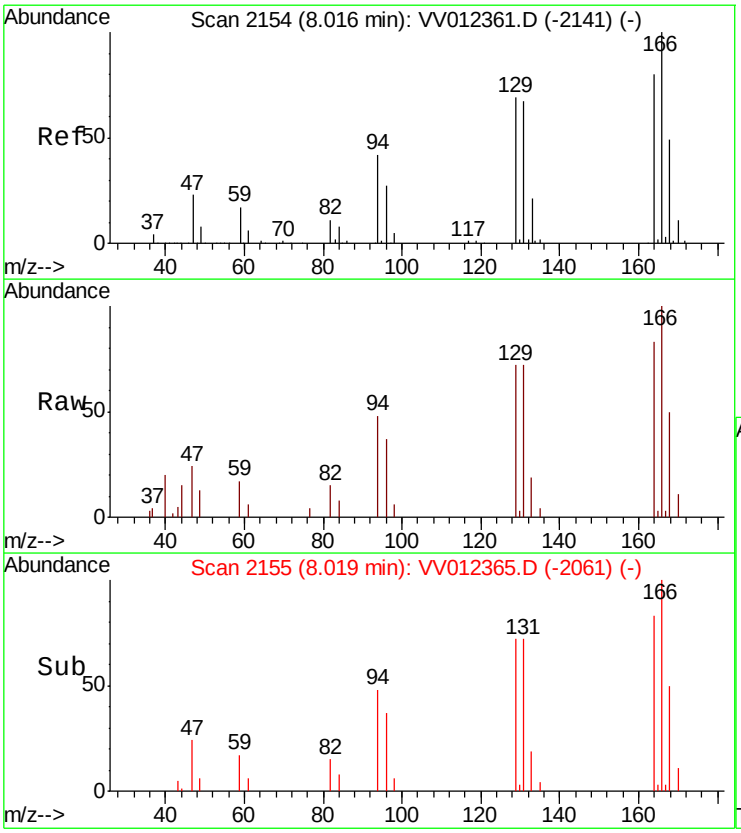
#45
1,1,2-Trichloroethane
Concen: 0.420 ug/L
RT: 7.88 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.532

Tgt Ion: 97 Resp: 4248

Ion	Ratio	Lower	Upper
97	100		
99	68.2	45.0	83.6
83	87.5	59.3	110.1
85	63.4	38.8	72.0

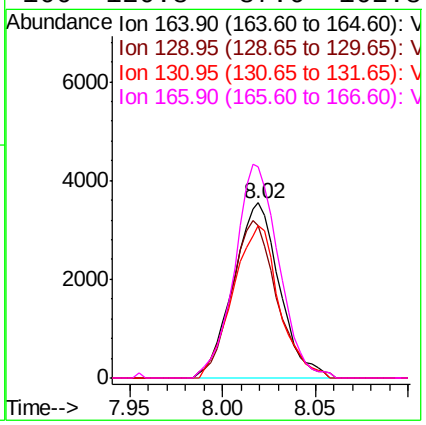


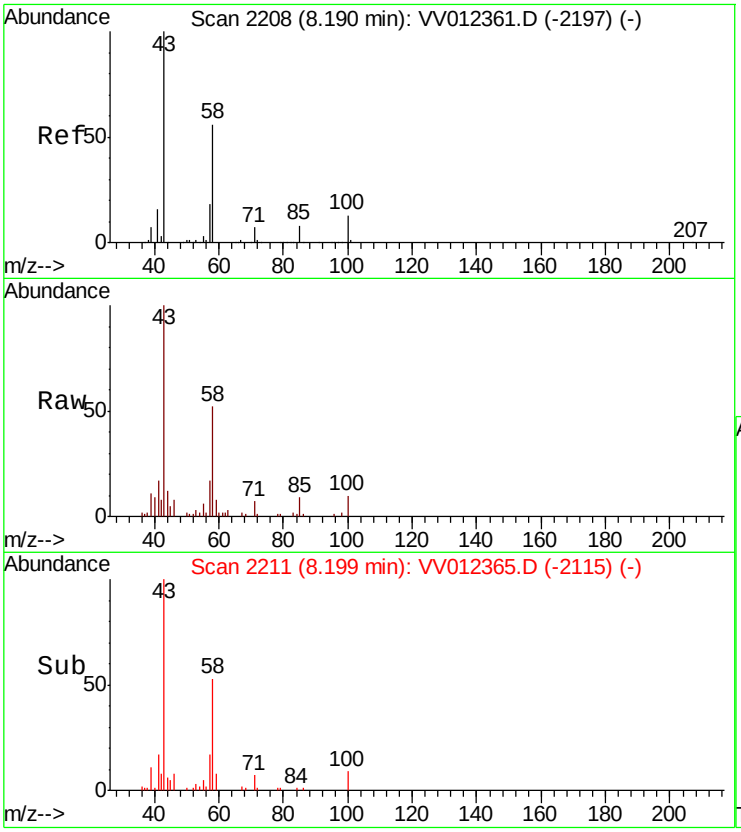


#47
Tetrachloroethene
Concen: 0.451 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Tgt Ion:164 Resp: 6107

Ion	Ratio	Lower	Upper
164	100		
129	86.8	60.6	112.6
131	87.0	58.8	109.2
166	120.8	87.6	162.8



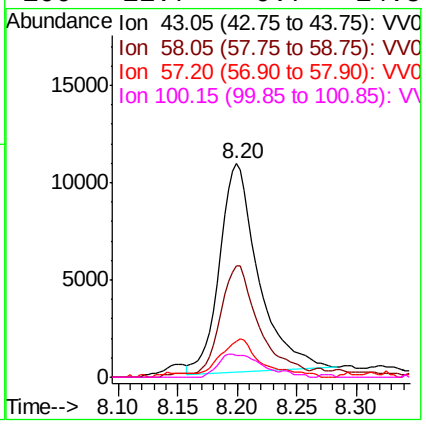


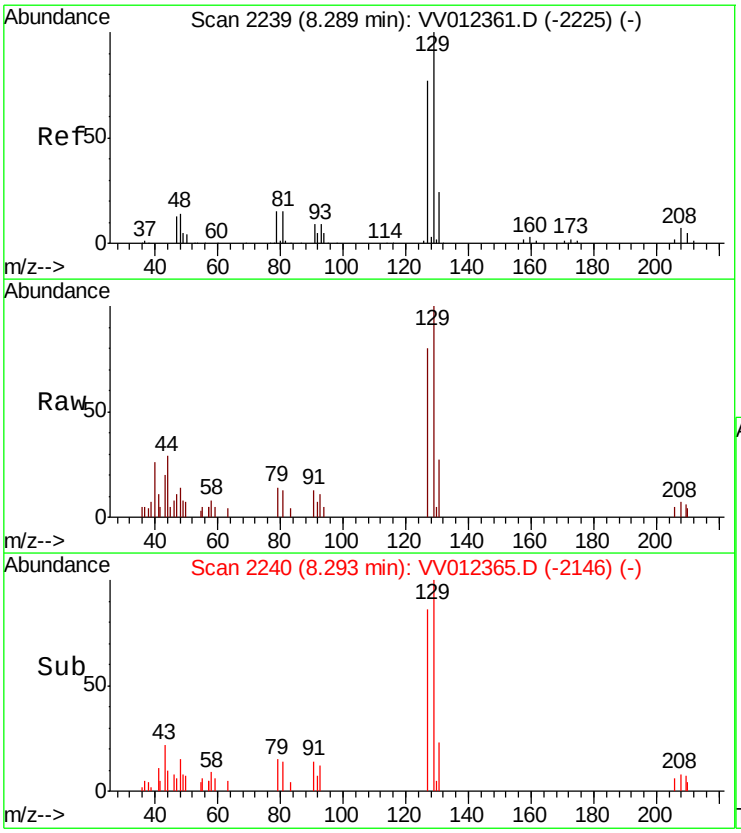
#48
2-Hexanone
Concen: 4.144 ug/L
RT: 8.20 min Scan# 2211
Delta R.T. 0.01 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Instrument : MSVOA_V
ClientSampleId : VSTD0.532

Tgt Ion: 43 Resp: 24334

Ion	Ratio	Lower	Upper
43	100		
58	50.5	46.3	69.5
57	19.2	14.9	22.3
100	11.7	9.7	14.5

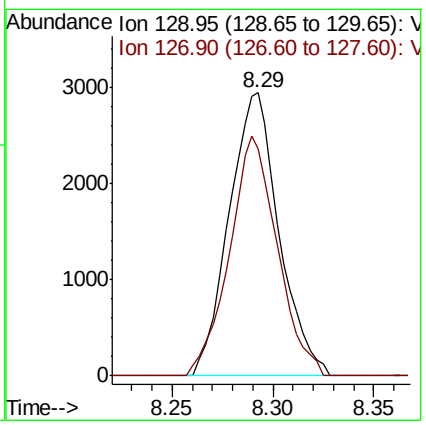


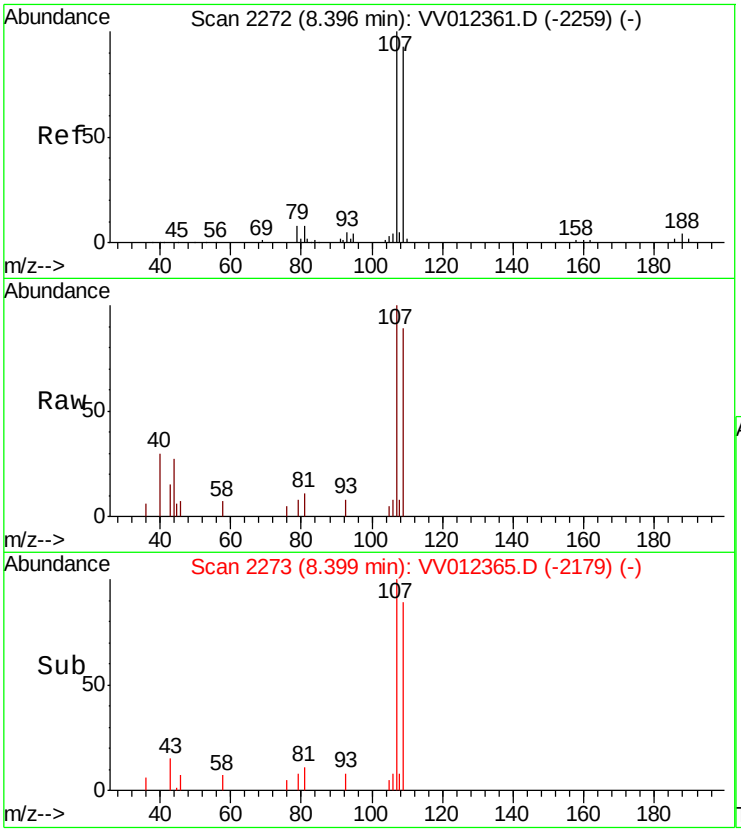


#49
Dibromochloromethane
Concen: 0.407 ug/L
RT: 8.29 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Tgt Ion:129 Resp: 5097

Ion	Ratio	Lower	Upper
129	100		
127	80.2	53.8	99.8



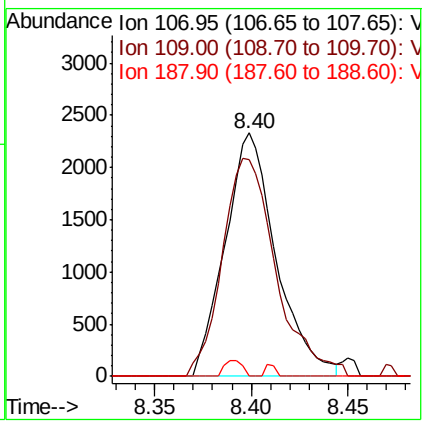


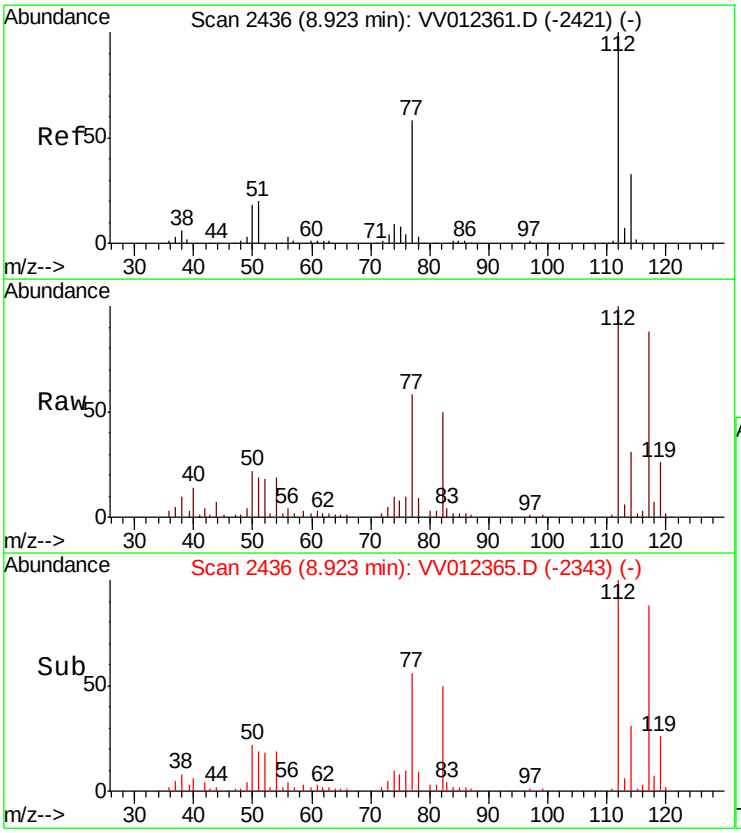
#50
1,2-Dibromoethane
Concen: 0.439 ug/L
RT: 8.40 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.532

Tgt Ion:107 Resp: 4283

Ion	Ratio	Lower	Upper
107	100		
109	89.2	64.9	120.5
188	0.0	3.5	5.3#

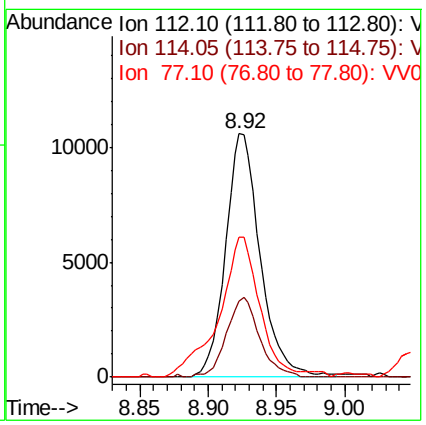


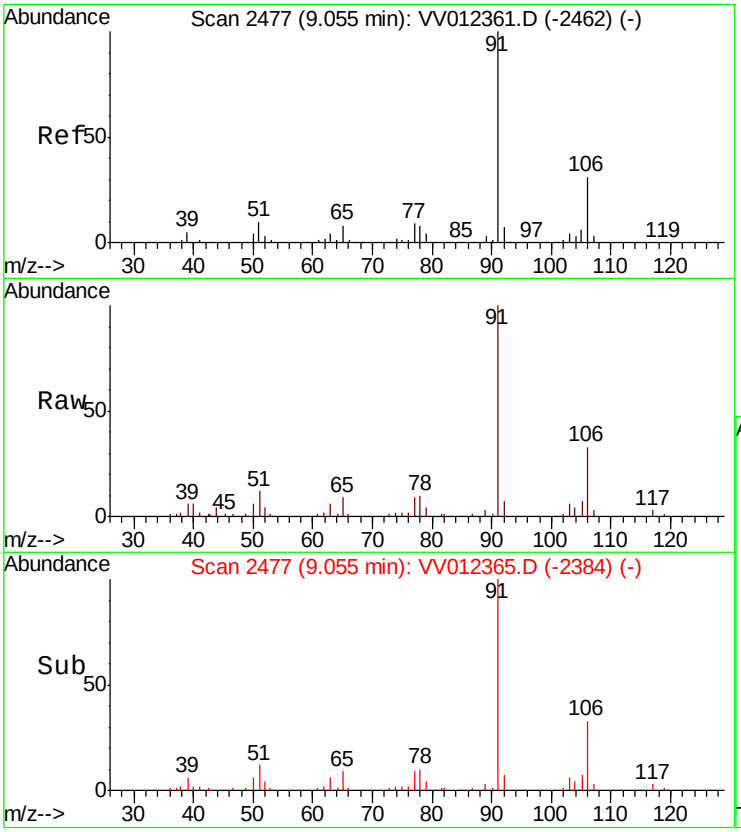


#51
Chlorobenzene
Concen: 0.448 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Tgt Ion:112 Resp: 18683

Ion	Ratio	Lower	Upper
112	100		
114	31.2	23.0	42.6
77	57.6	46.4	69.6



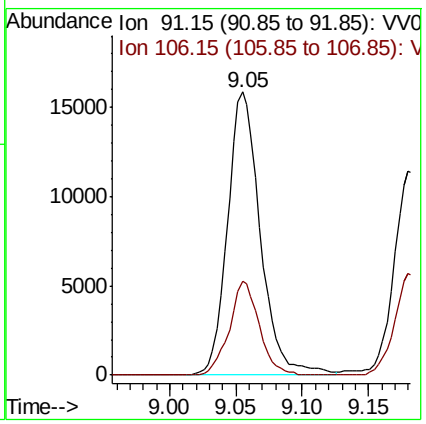


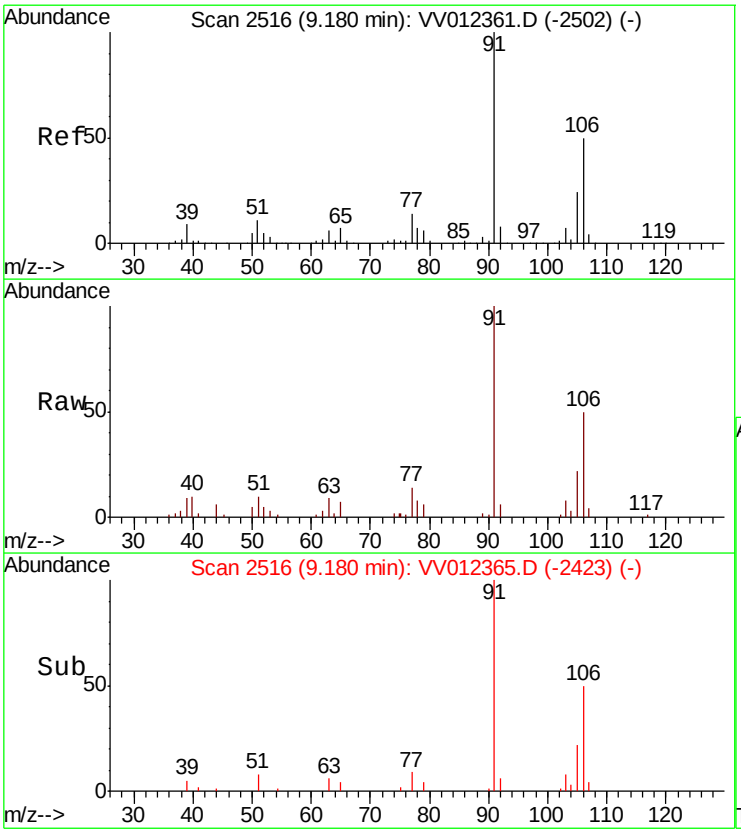
#52
Ethylbenzene
Concen: 0.397 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.532

Tgt Ion: 91 Resp: 27290

Ion	Ratio	Lower	Upper
91	100		
106	33.2	21.7	40.3

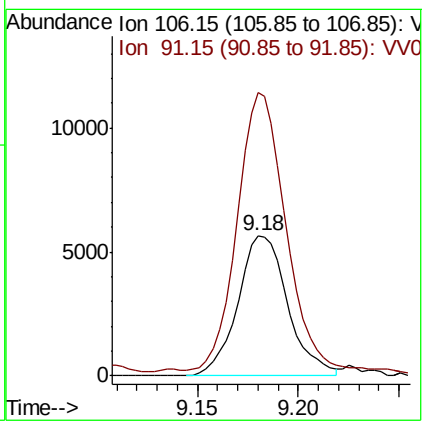


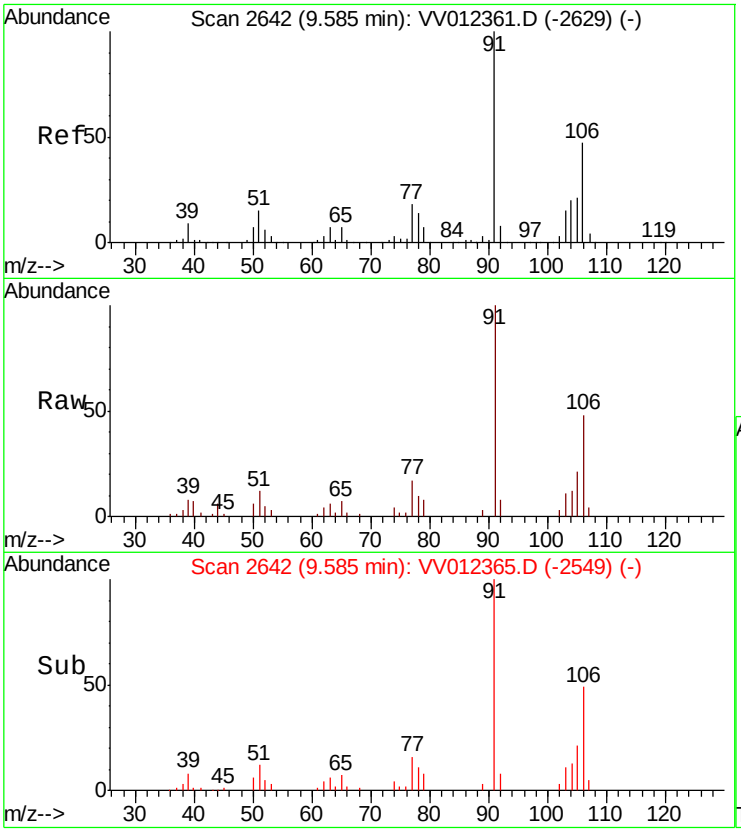


#53
m,p-xylene
Concen: 0.375 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Tgt Ion:106 Resp: 9840

Ion	Ratio	Lower	Upper
106	100		
91	201.7	140.8	261.4



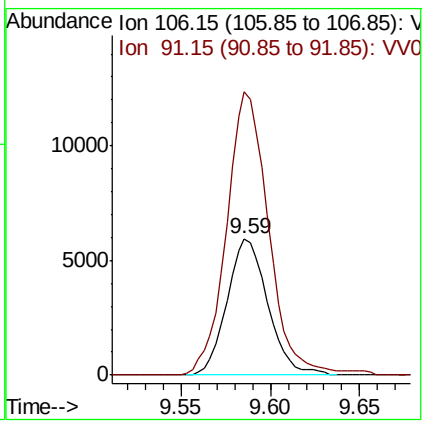


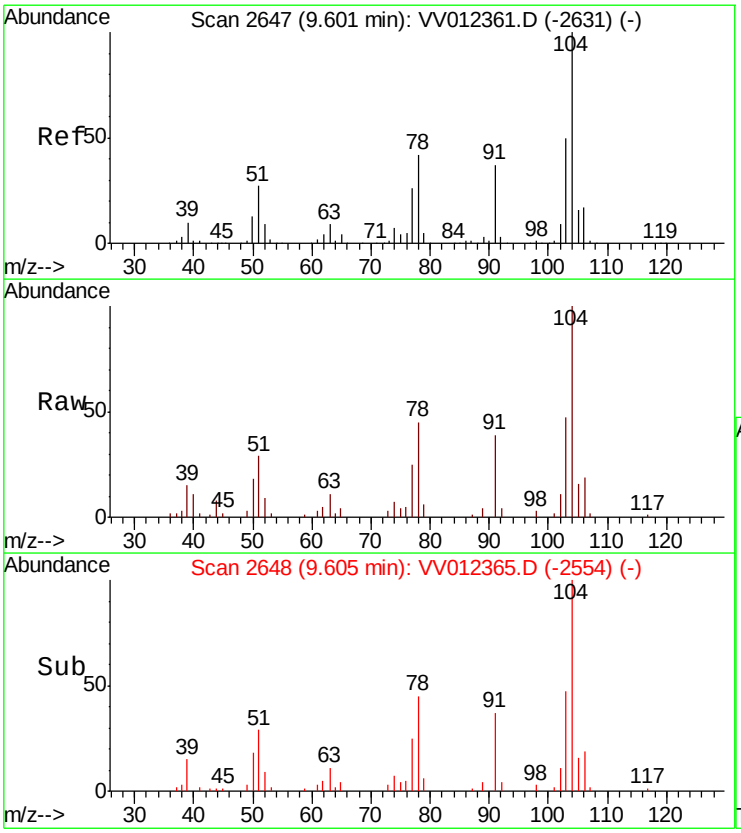
#54
o-xylene
Concen: 0.379 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.532

Tgt Ion:106 Resp: 9436

Ion	Ratio	Lower	Upper
106	100		
91	207.8	149.5	277.7

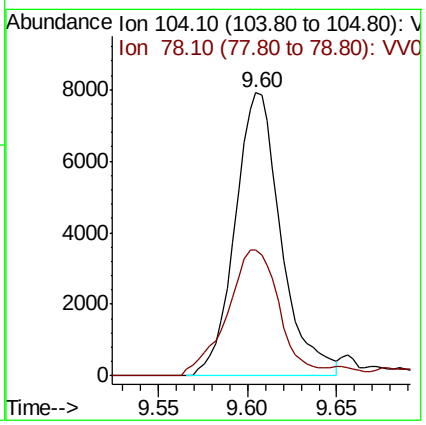


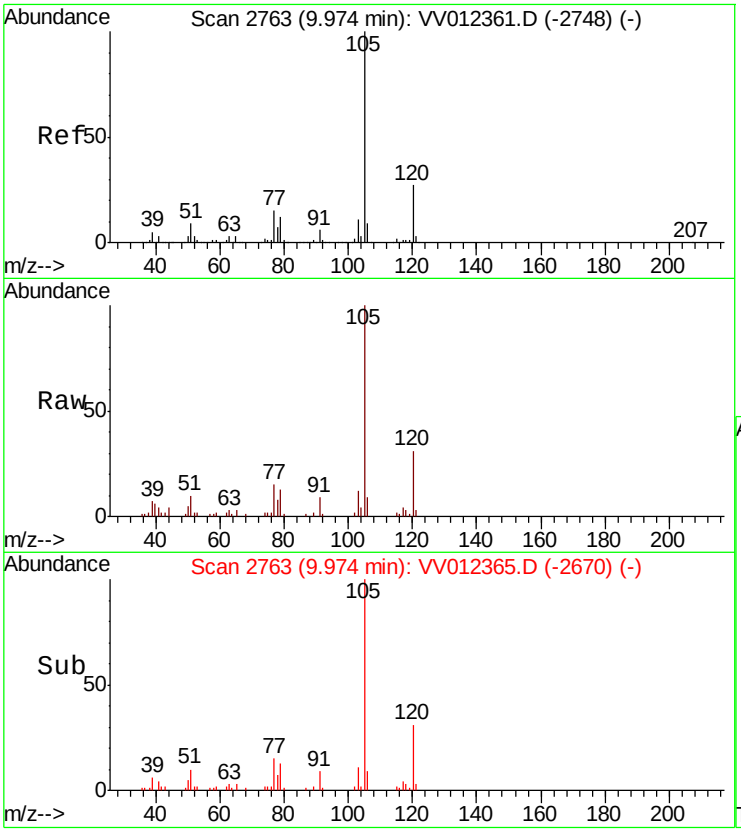


#55
Styrene
Concen: 0.343 ug/L
RT: 9.60 min Scan# 2648
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Tgt Ion:104 Resp: 14266

Ion	Ratio	Lower	Upper
104	100		
78	44.6	29.8	55.3



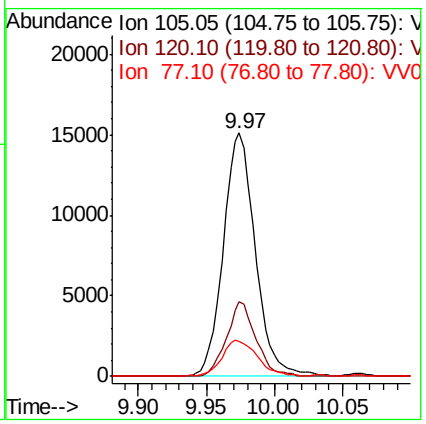


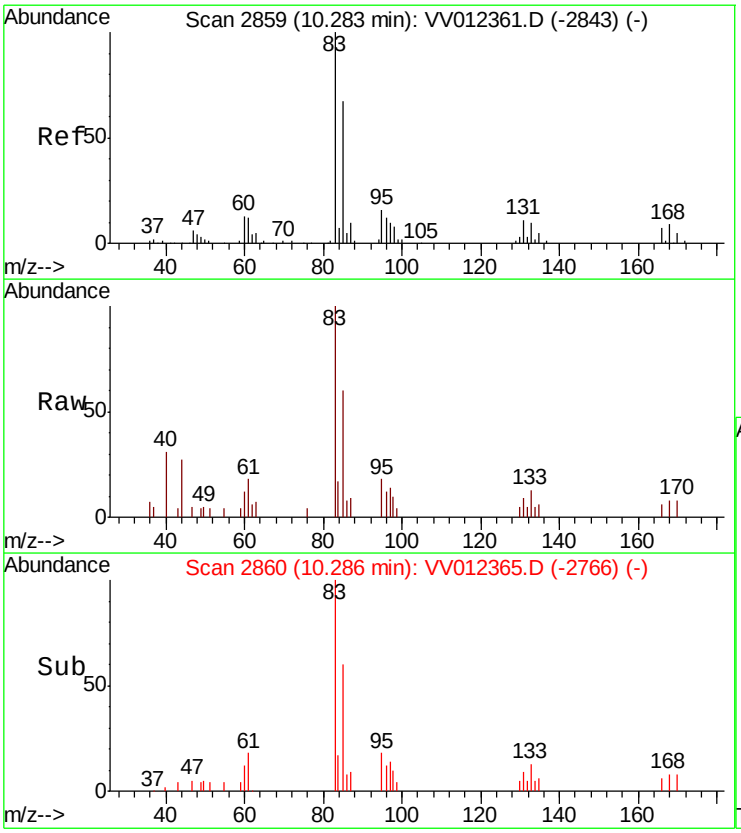
#56
Isopropylbenzene
Concen: 0.368 ug/L
RT: 9.97 min Scan# 2763
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.532

Tgt Ion:105 Resp: 24609

Ion	Ratio	Lower	Upper
105	100		
120	28.0	21.5	32.3
77	16.6	12.5	18.7

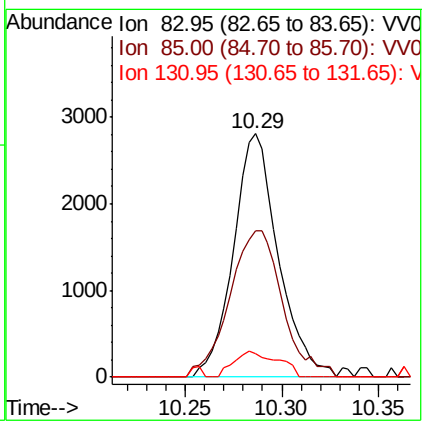


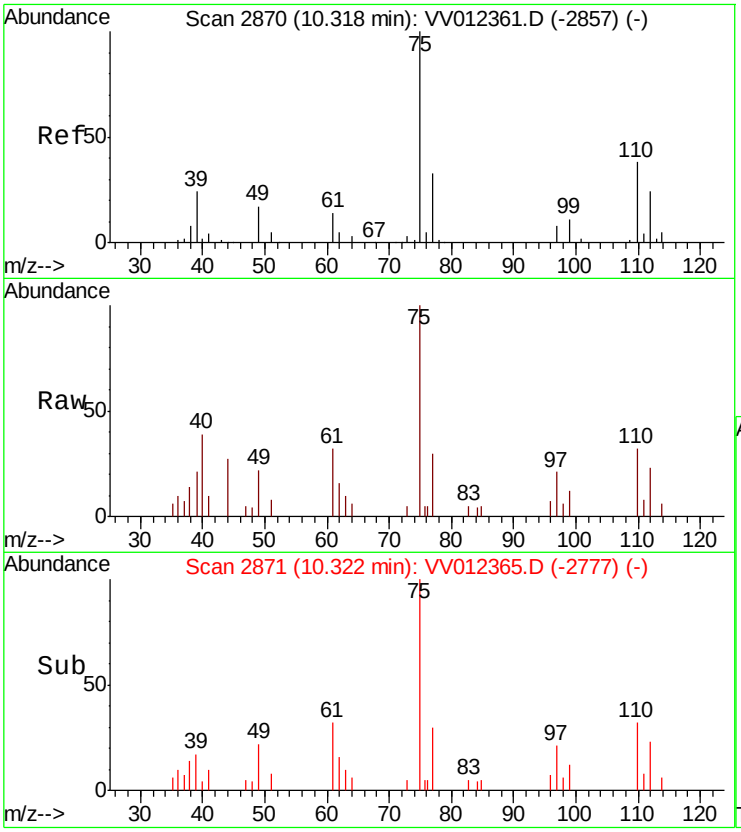


#58
1,1,2,2-Tetrachloroethane
Concen: 0.390 ug/L
RT: 10.29 min Scan# 2860
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Tgt Ion: 83 Resp: 4523

Ion	Ratio	Lower	Upper
83	100		
85	60.2	46.5	86.5
131	9.5	8.9	13.3



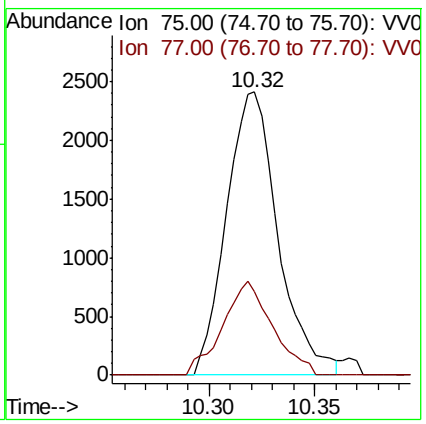


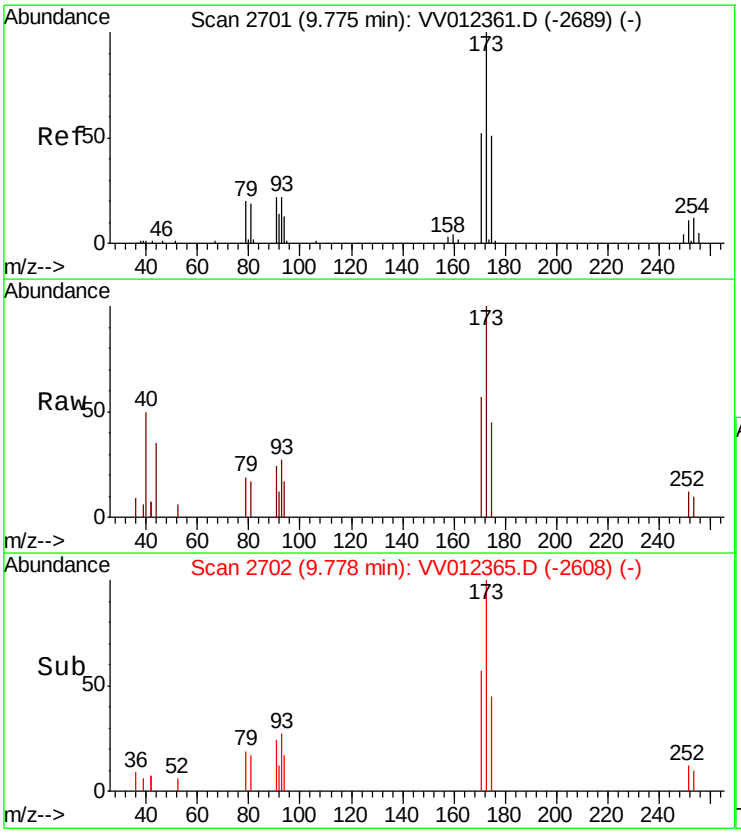
#59
1,2,3-Trichloropropane
Concen: 0.479 ug/L
RT: 10.32 min Scan# 2871
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.532

Tgt Ion: 75 Resp: 4101

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.9	38.9

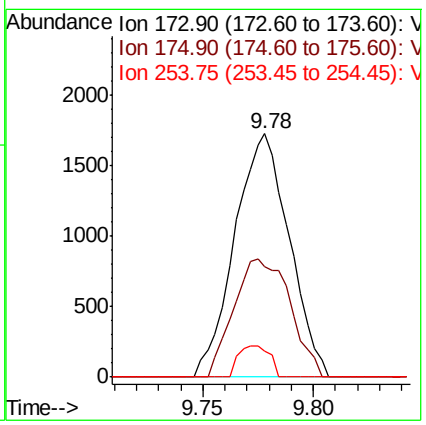


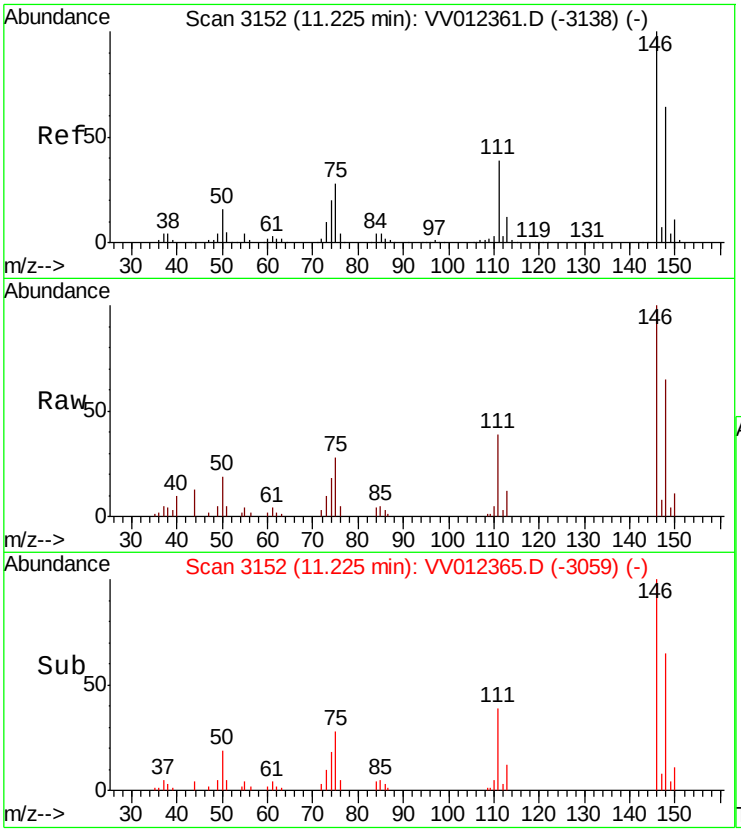


#61
Bromoform
Concen: 0.523 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Tgt Ion:173 Resp: 2950

Ion	Ratio	Lower	Upper
173	100		
175	50.1	40.7	61.1
254	7.4	9.5	14.3#



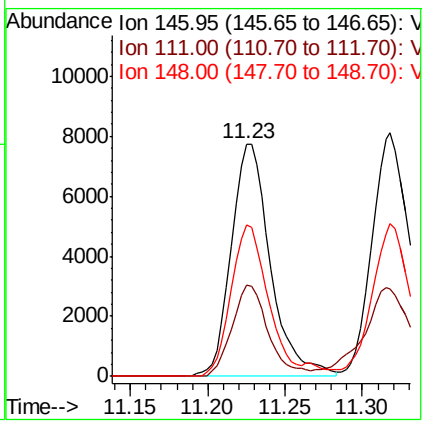


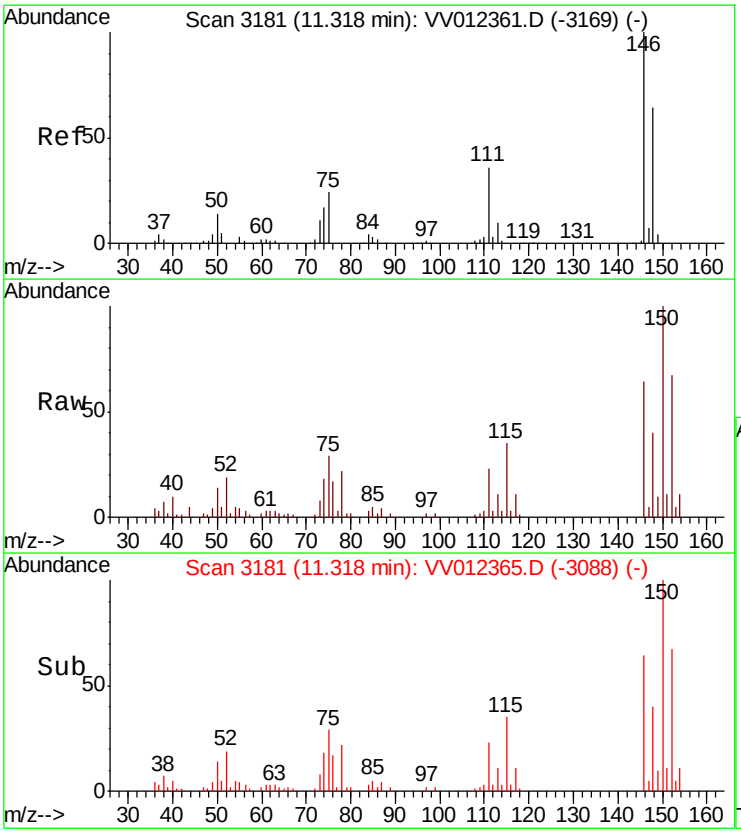
#62
1,3-Dichlorobenzene
Concen: 0.469 ug/L
RT: 11.23 min Scan# 3152
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.532

Tgt Ion:146 Resp: 13606

Ion	Ratio	Lower	Upper
146	100		
111	39.3	27.0	50.2
148	65.0	44.7	83.1

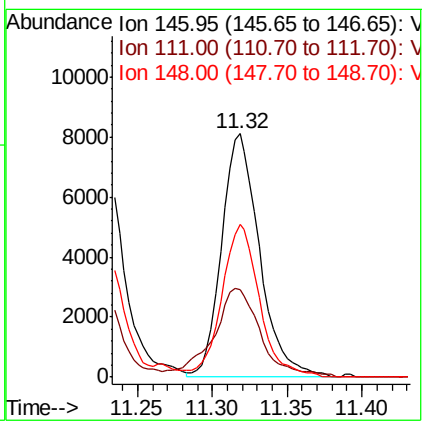


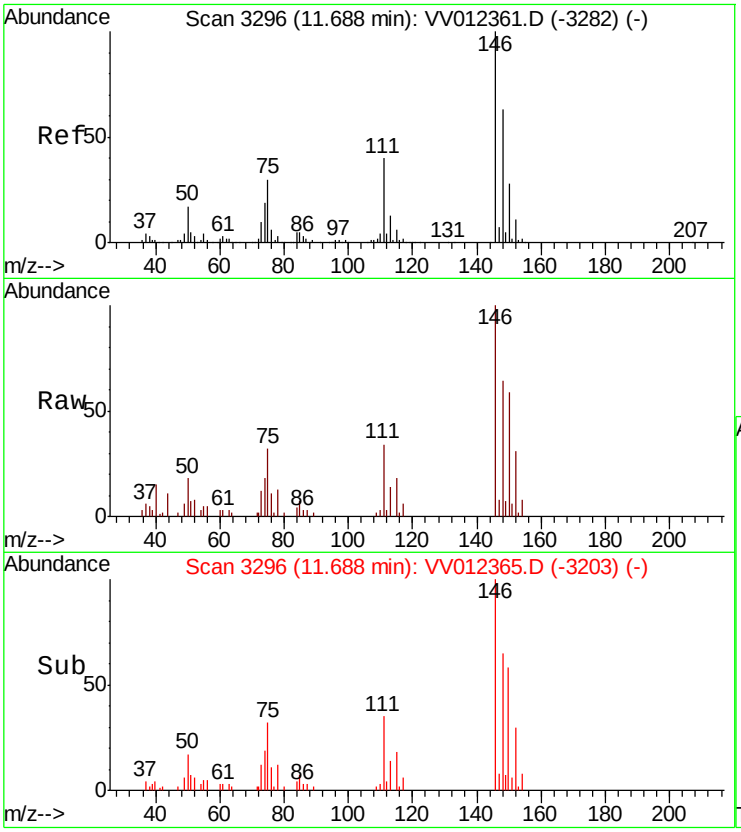


#63
1,4-Dichlorobenzene
Concen: 0.495 ug/L
RT: 11.32 min Scan# 3181
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Tgt Ion:146 Resp: 14338

Ion	Ratio	Lower	Upper
146	100		
111	36.0	25.7	47.7
148	62.6	45.0	83.6



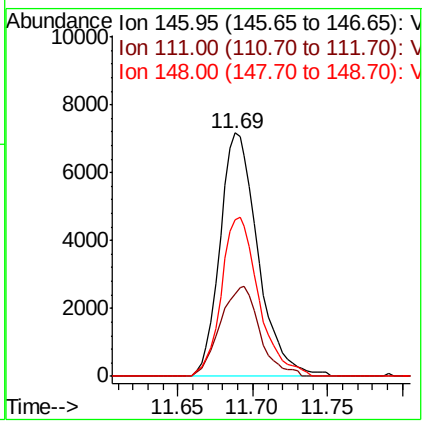


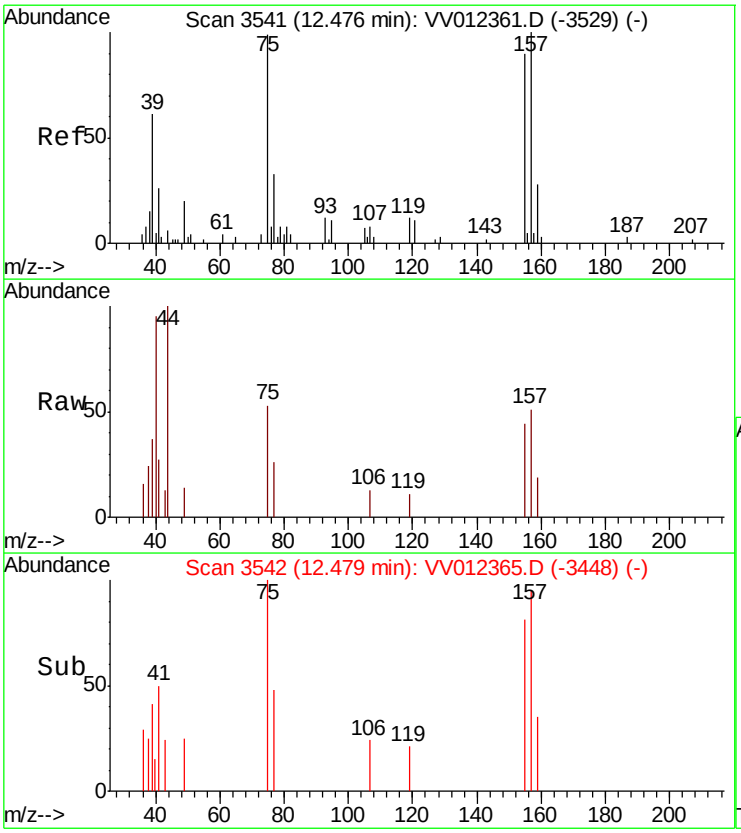
#65
1,2-Dichlorobenzene
Concen: 0.475 ug/L
RT: 11.69 min Scan# 3296
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.532

Tgt Ion:146 Resp: 12662

Ion	Ratio	Lower	Upper
146	100		
111	34.0	31.9	47.9
148	64.4	50.2	75.4

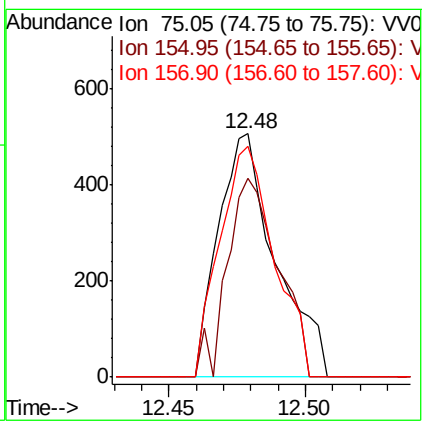


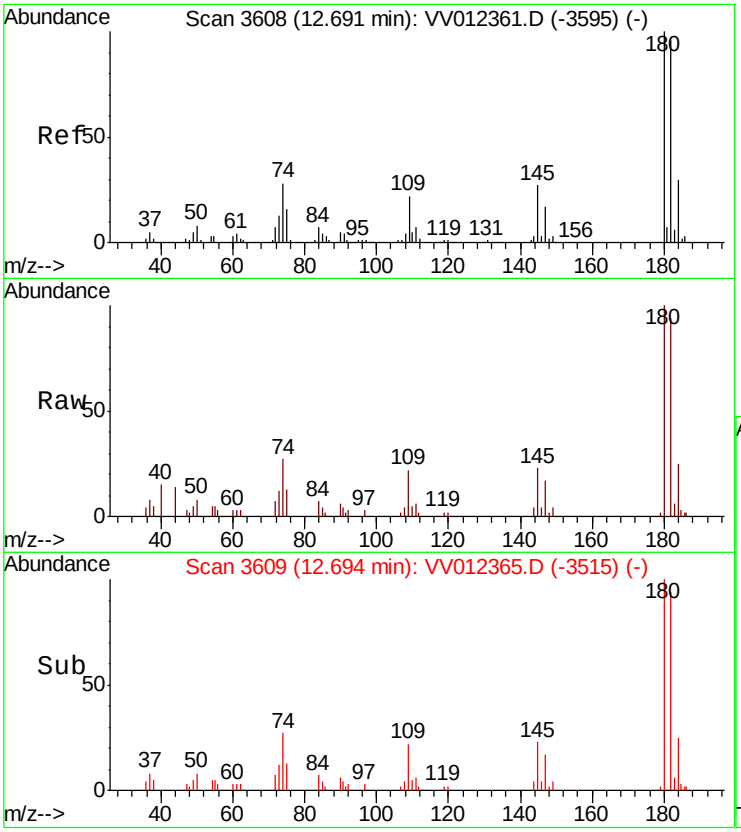


#66
1,2-Dibromo-3-chloropropane
Concen: 0.438 ug/L
RT: 12.48 min Scan# 3542
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Tgt Ion: 75 Resp: 740

Ion	Ratio	Lower	Upper
75	100		
155	81.5	72.6	109.0
157	94.9	80.5	120.7



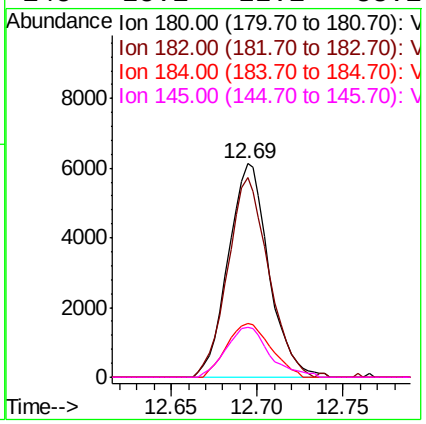


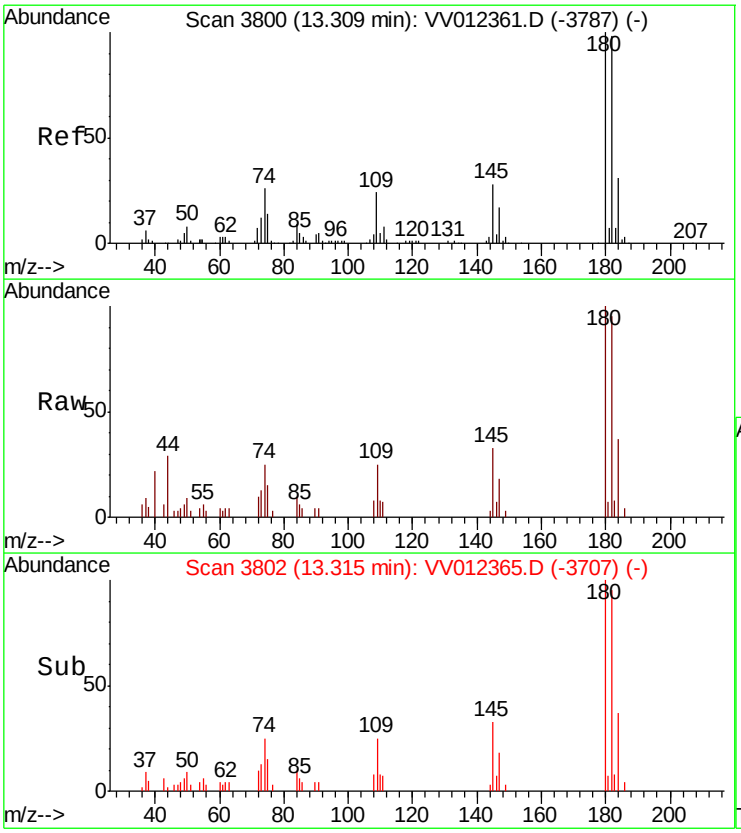
#67
1,3,5-Trichlorobenzene
Concen: 0.456 ug/L
RT: 12.69 min Scan# 3609
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Instrument : MSVOA_V
ClientSampleId : VSTD0.532

Tgt Ion:180 Resp: 10045

Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.4	114.6
184	27.2	23.9	35.9
145	25.1	22.1	33.1

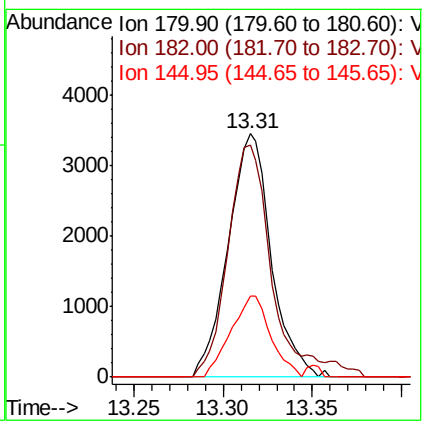


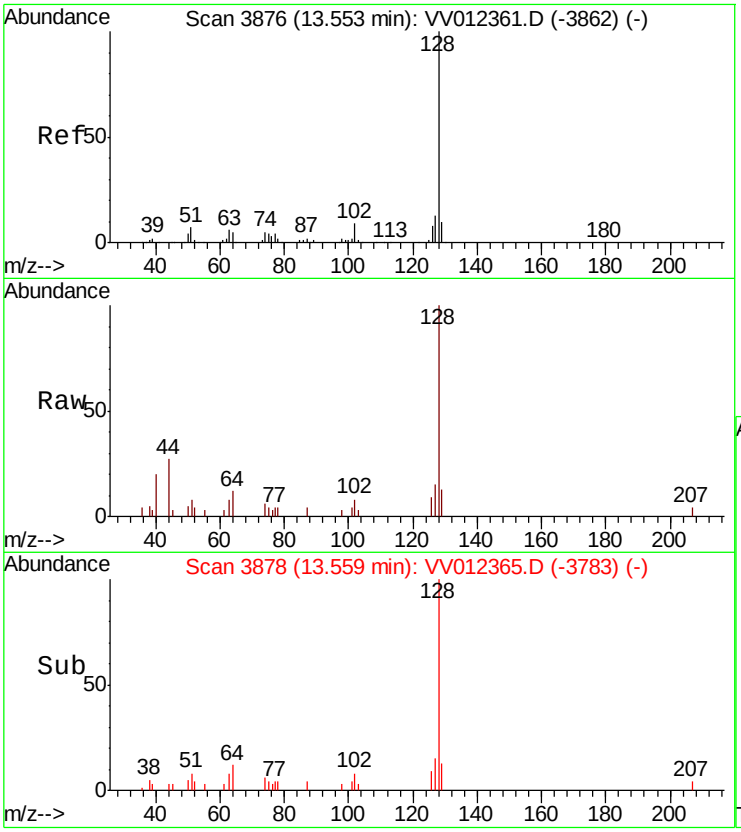


#68
1,2,4-trichlorobenzene
Concen: 0.359 ug/L
RT: 13.31 min Scan# 3802
Delta R.T. 0.01 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Tgt Ion:180 Resp: 5820

Ion	Ratio	Lower	Upper
180	100		
182	98.0	77.3	115.9
145	30.7	22.6	34.0



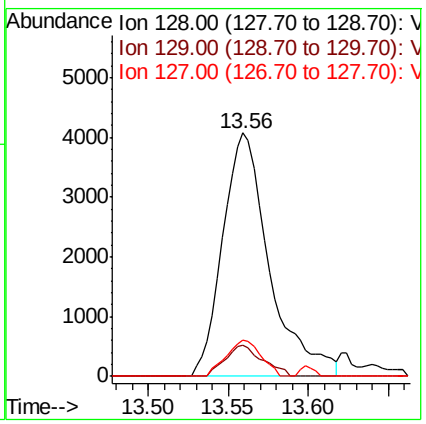


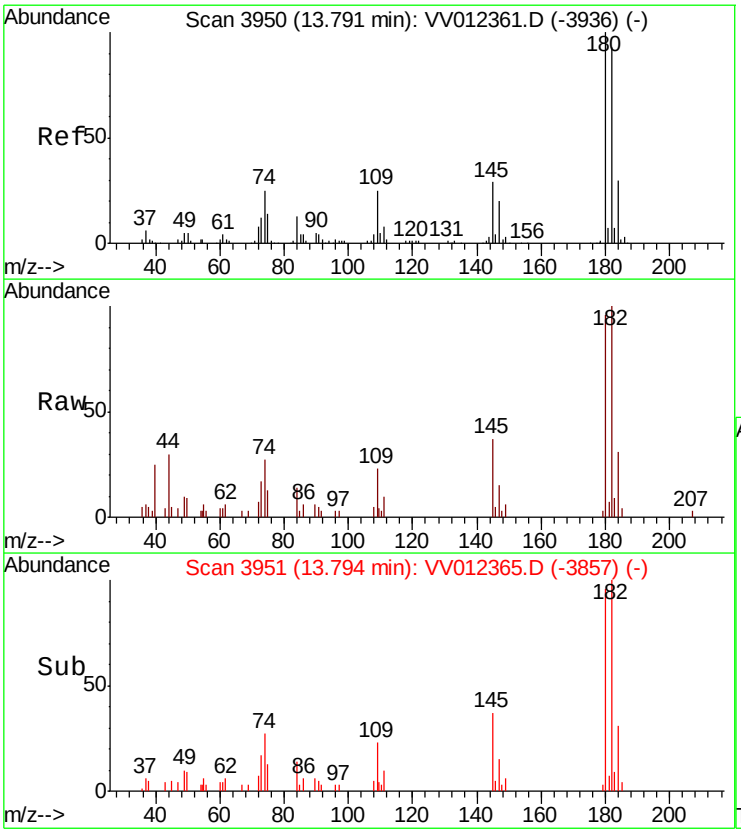
#69
Naphthalene
Concen: 0.355 ug/L
RT: 13.56 min Scan# 3878
Delta R.T. 0.01 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.532

Tgt Ion:128 Resp: 8134

Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.6	12.8
127	11.0	10.5	15.7





#70
1,2,3-Trichlorobenzene
Concen: 0.373 ug/L
RT: 13.79 min Scan# 3951
Delta R.T. 0.00 min
Lab File: VV012365.D
Acq: 23 Aug 2019 15:03

Tgt Ion:180 Resp: 5688

Ion	Ratio	Lower	Upper
180	100		
182	102.8	75.1	112.7
145	36.4	23.4	35.2#