Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050119\

Quantitation Report (Not Reviewed)

Data File : VV010598.D
Acq On : 01 May 2019 01:54
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00554

Quant Time: May 01 08:19:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 01 08:14:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	190838	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	202569	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	92087	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	54783	5.15	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 103.00%			
7) Chloroethane-d5	1.58	69	32849	4.53	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.60%			
11) 1,1-Dichloroethene-d2	2.13	63	114408	5.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 111.60%			
20) 2-Butanone-d5	3.95	46	144614	59.78	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 119.56%			
24) Chloroform-d	4.41	84	131836	5.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 117.60%			
26) 1,2-Dichloroethane-d4	5.08	65	62784	5.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.80%			
32) Benzene-d6	5.10	84	252350	5.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.80%			
36) 1,2-Dichloropropane-d6	6.12	67	73906	5.40	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 108.00%			
41) Toluene-d8	7.36	98	241237	5.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.00%			
43) trans-1,3-Dichloropropene-	7.67	79	26575	5.06	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.20%			
46) 2-Hexanone-d5	8.14	63	116449	55.09	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.18%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	55582	5.41	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	86825	5.43	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.60%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	95168	5.648	ug/L	100
3) Chloromethane	1.25	50	85888	5.378	ug/L	96
5) Vinyl chloride	1.32	62	84501	5.374	ug/L	97
6) Bromomethane	1.54	94	46649	7.491	ug/L	89
8) Chloroethane	1.60	64	34977	4.560	ug/L	94
9) Trichlorofluoromethane	1.77	101	141114	5.628	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	73027	5.732	ug/L	96
12) 1,1-Dichloroethene	2.14	96	65219	5.868	ug/L	96
13) Acetone	2.21	43	84030	56.178	ug/L	98
14) Carbon disulfide	2.32	76	172969	5.495	ug/L	98
15) Methyl Acetate	2.47	43	26399	5.285	ug/L	100
16) Methylene chloride	2.53	84	76350	5.384	ug/L	96
17) Methyl tert-butyl Ether	2.81	73	151824	6.006	ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	73560	5.993	ug/L	100
19) 1,1-Dichloroethane	3.23	63	137346	6.026	ug/L	99
21) 2-Butanone	4.04	43	161767	60.632	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	80302	5.919	ug/L	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050119\

Quantitation Report (Not Reviewed)

Data File : VV010598.D
Acq On : 01 May 2019 01:54
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00554

Quant Time: May 01 08:19:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 01 08:14:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	33023	6.031 ug/L	97
25) Chloroform	4.43	83	142453	5.835 ug/L	100
27) 1,2-Dichloroethane	5.18	62	86422	6.195 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	124677	5.641 ug/L	100
30) Cyclohexane	4.73	56	112552	5.508 ug/L	99
31) Carbon tetrachloride	4.87	117	112743	5.535 ug/L	96
33) Benzene	5.15	78	302010	5.766 ug/L	100
34) Trichloroethene	5.96	95	78907	5.183 ug/L	98
35) Methylcyclohexane	6.17	83	111704	5.271 ug/L	99
37) 1,2-Dichloropropane	6.22	63	73080	5.620 ug/L	100
38) Bromodichloromethane	6.56	83	90978	5.395 ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	96632	5.316 ug/L	97
40) 4-Methyl-2-pentanone	7.28	43	423829	60.086 ug/L	99
42) Toluene	7.43	91	334235	5.724 ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	74572	5.410 ug/L	92
45) 1,1,2-Trichloroethane	7.88	97	53492	6.030 ug/L	89
47) Tetrachloroethene	8.02	164	63396	5.459 ug/L	96
48) 2-Hexanone	8.19	43	301474	59.427 ug/L	99
49) Dibromochloromethane	8.29	129	60897	5.668 ug/L	93
50) 1,2-Dibromoethane	8.40	107	47840	5.679 ug/L	97
51) Chlorobenzene	8.93	112	214111	5.518 ug/L	100
52) Ethylbenzene	9.05	91	356728	5.606 ug/L	99
53) m,p-xylene	9.18	106	137844	5.691 ug/L	99
54) o-xylene	9.59	106	135763	5.644 ug/L	99
55) Styrene	9.60	104	226266	5.780 ug/L	98
56) Isopropylbenzene	9.97	105	351827	5.687 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	58841	5.419 ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	44041	5.567 ug/L	97
61) Bromoform	9.77	173	29665	5.802 ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	151572	5.453 ug/L	95
63) 1,4-Dichlorobenzene	11.32	146	154251	5.492 ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	150357	5.710 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	8959	5.508 ug/L	88
67) 1,3,5-Trichlorobenzene	12.69	180	112402	5.465 ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	85300	5.423 ug/L	97
69) Naphthalene	13.55	128	134241	5.329 ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	80672	5.589 ug/L	96

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

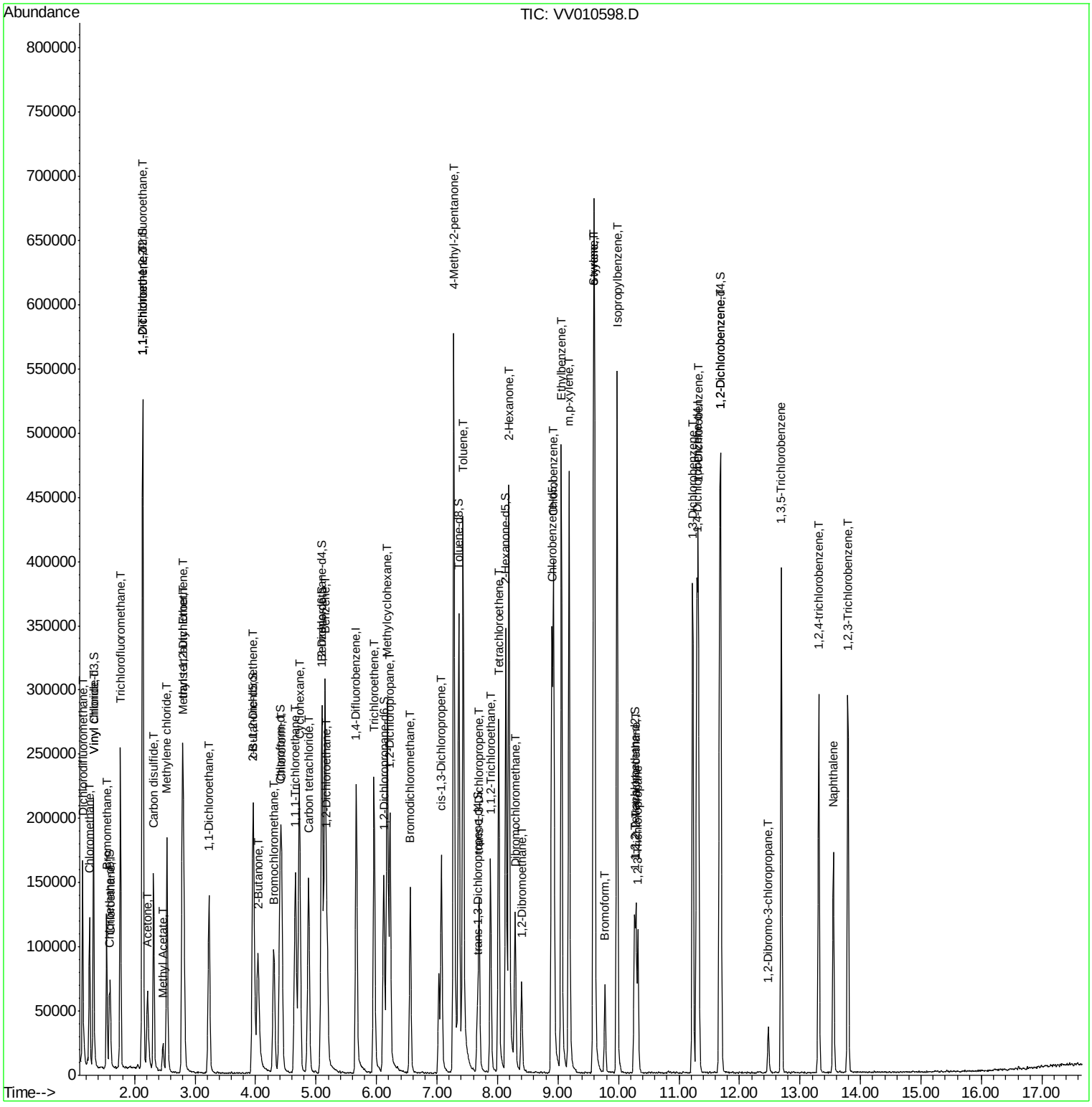
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050119\

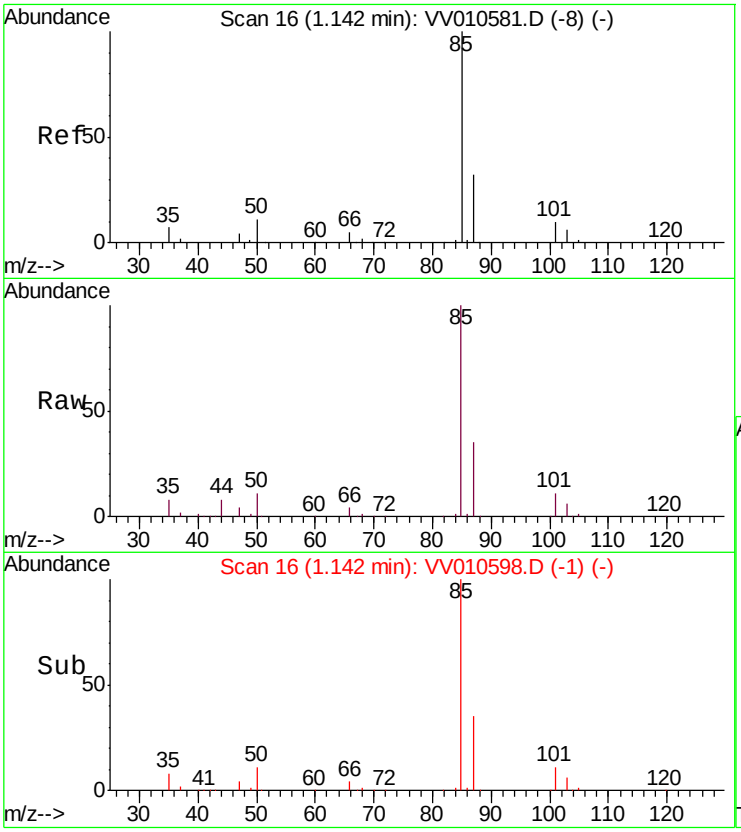
Quantitation Report (Not Reviewed)

Data File : VV010598.D
Acq On : 01 May 2019 01:54
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00554

Quant Time: May 01 08:19:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 01 08:14:23 2019
Response via : Initial Calibration



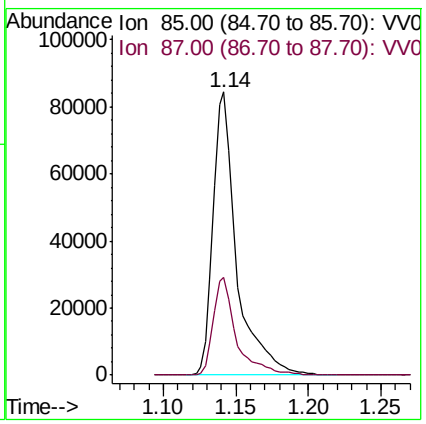


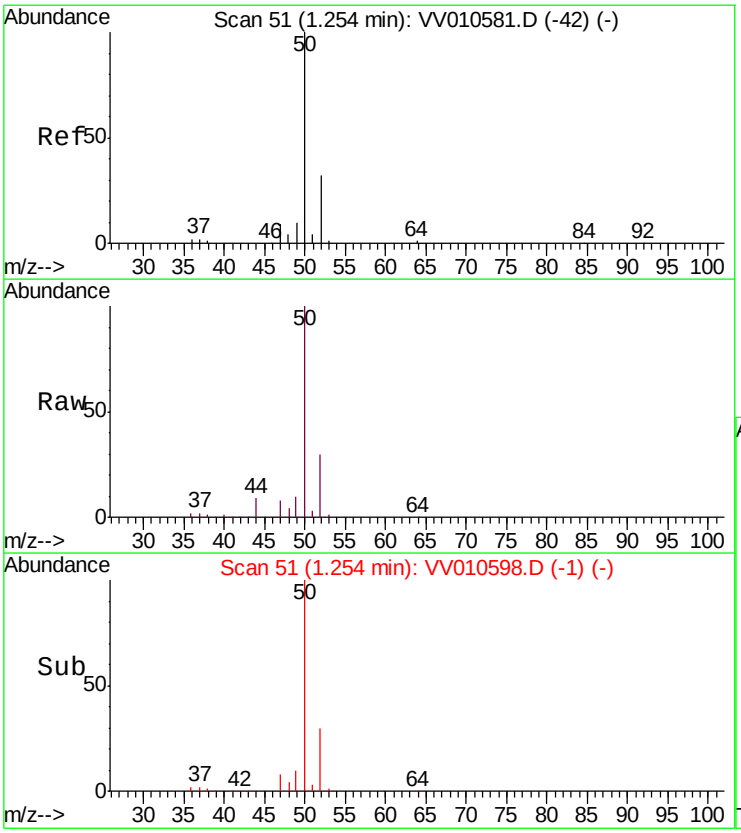
#2
Dichlorodifluoromethane
Concen: 5.648 ug/L
RT: 1.14 min Scan# 16
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Instrument :
MSVOA_V
ClientSampleId :
VSTD00554

Tgt Ion: 85 Resp: 95168

Ion	Ratio	Lower	Upper
85	100		
87	33.8	27.0	40.4

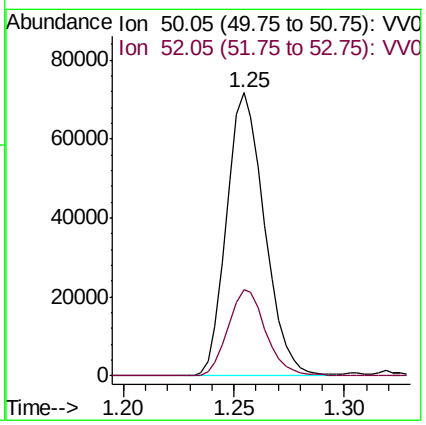


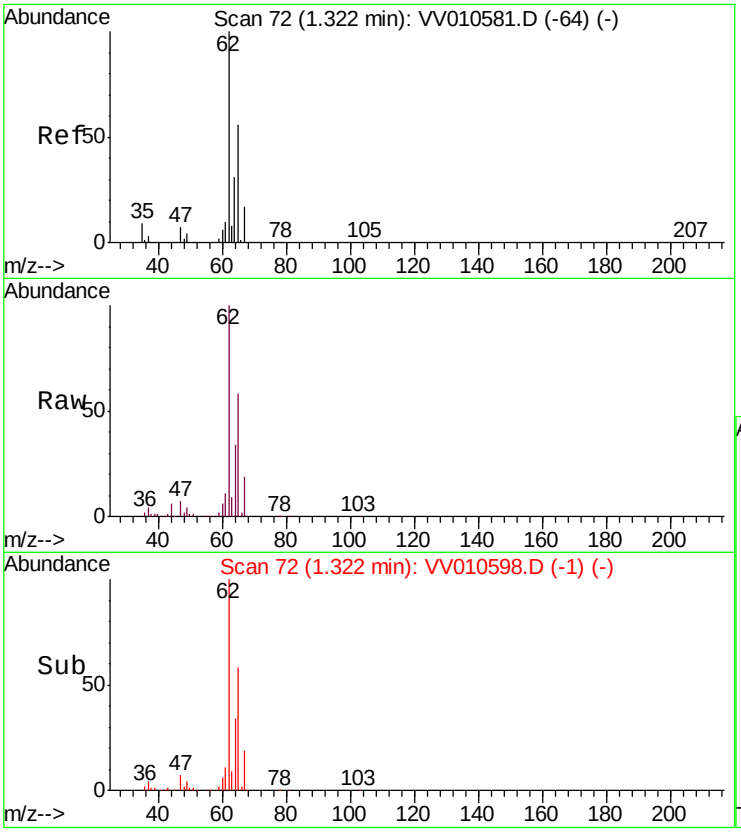


#3
Chloromethane
Concen: 5.378 ug/L
RT: 1.25 min Scan# 51
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Tgt Ion: 50 Resp: 85888

Ion	Ratio	Lower	Upper
50	100		
52	30.4	23.0	42.8



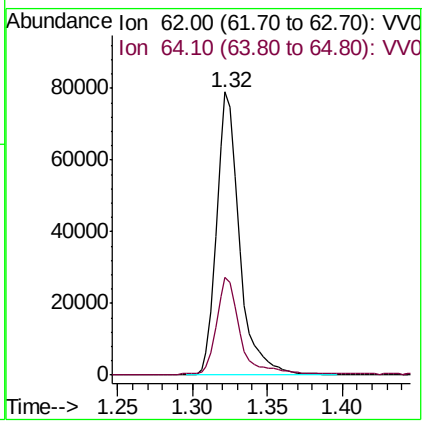


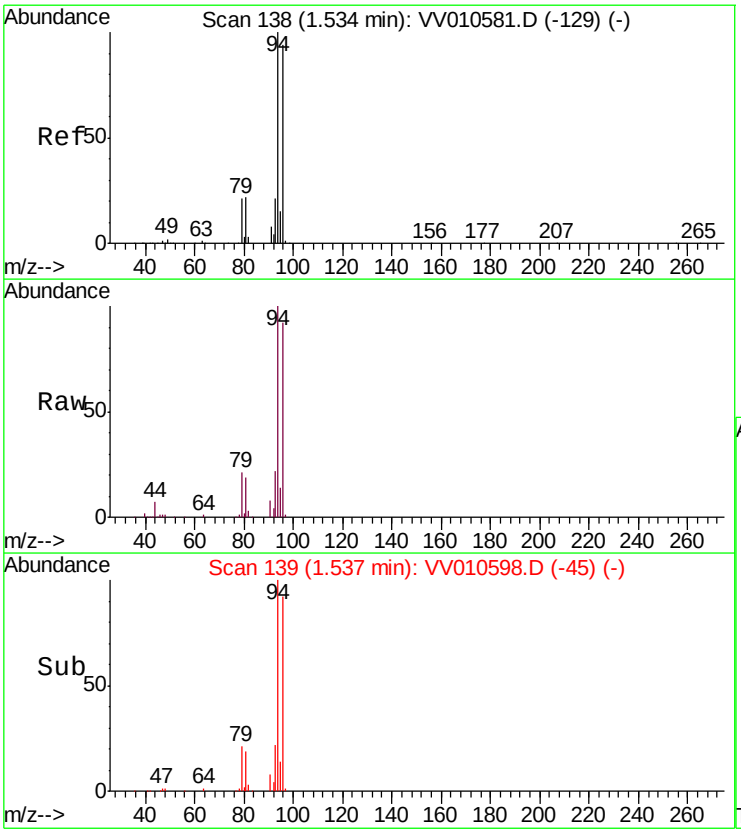
#5
Vinyl chloride
Concen: 5.374 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Instrument :
MSVOA_V
ClientSampleId :
VSTD00554

Tgt Ion: 62 Resp: 84501

Ion	Ratio	Lower	Upper
62	100		
64	34.5	22.8	42.4

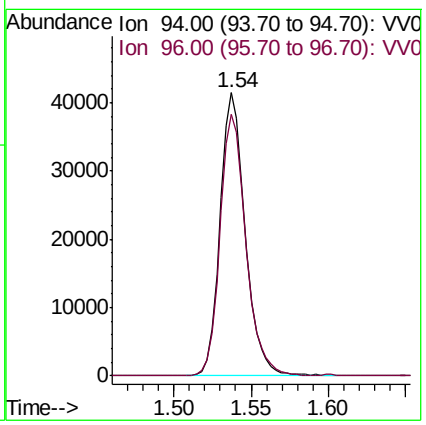


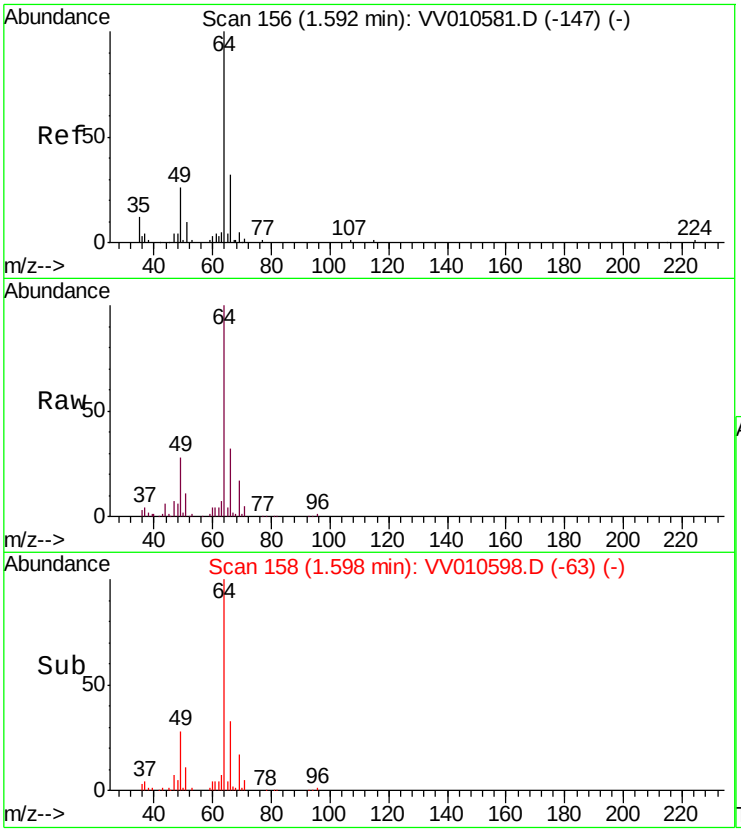


#6
Bromomethane
Concen: 7.491 ug/L
RT: 1.54 min Scan# 139
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Tgt Ion: 94 Resp: 46649

Ion	Ratio	Lower	Upper
94	100		
96	92.4	72.3	134.3



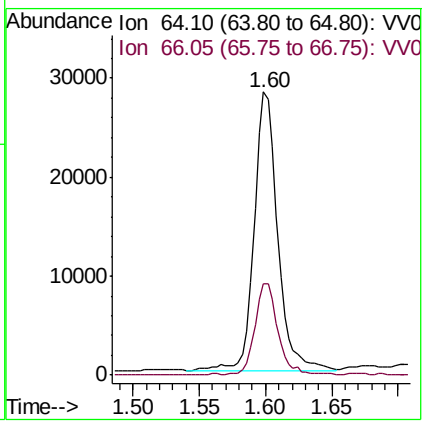


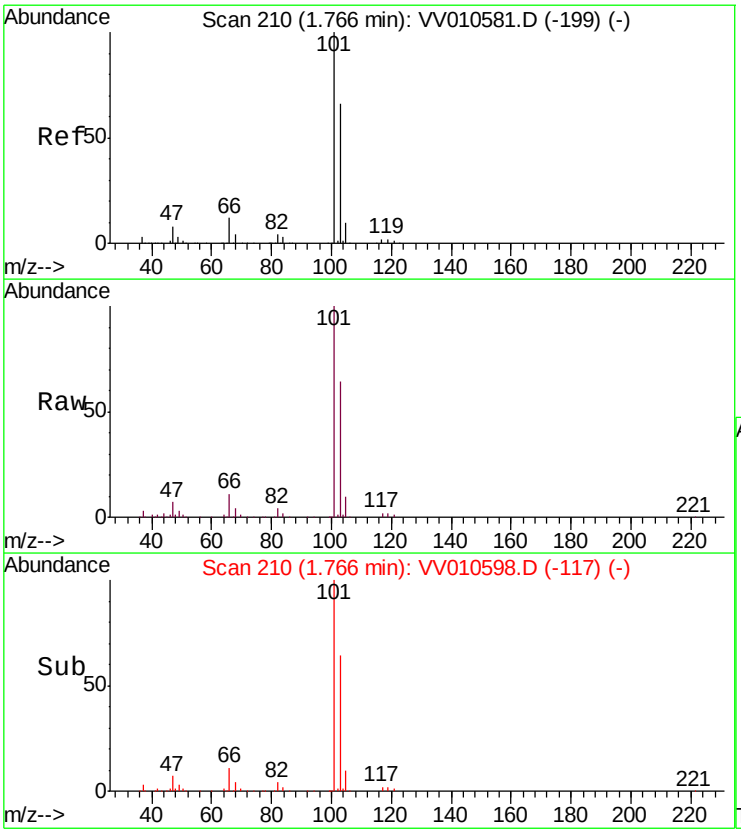
#8
Chloroethane
Concen: 4.560 ug/L
RT: 1.60 min Scan# 158
Delta R.T. 0.01 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Instrument :
MSVOA_V
ClientSampleId :
VSTD00554

Tgt Ion: 64 Resp: 34977

Ion	Ratio	Lower	Upper
64	100		
66	32.4	20.3	37.7

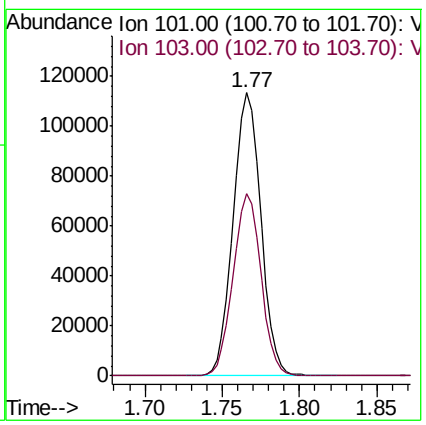


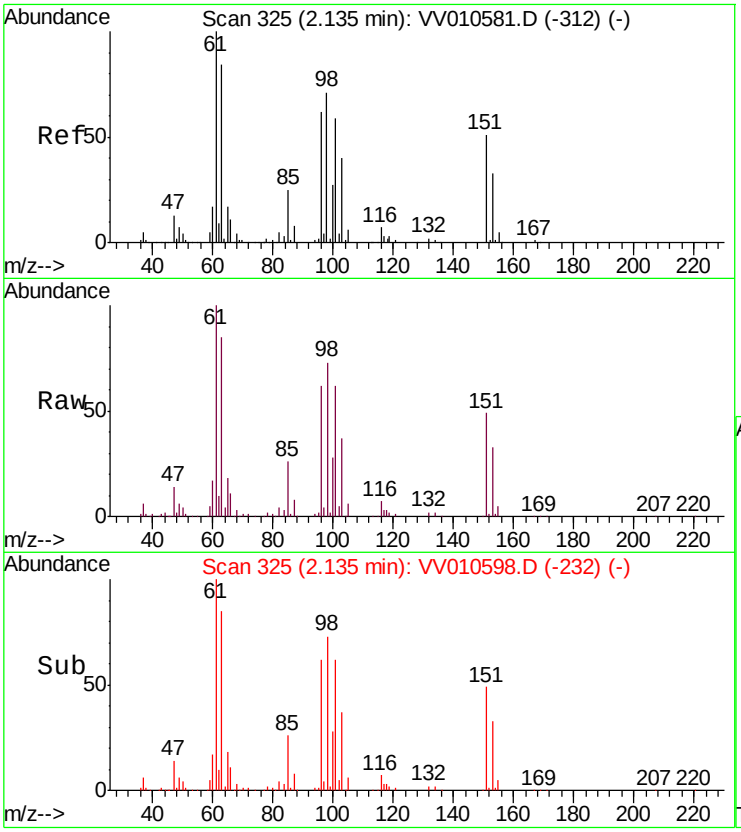


#9
Trichlorofluoromethane
Concen: 5.628 ug/L
RT: 1.77 min Scan# 210
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Tgt Ion:101 Resp: 141114

Ion	Ratio	Lower	Upper
101	100		
103	64.7	52.2	78.4



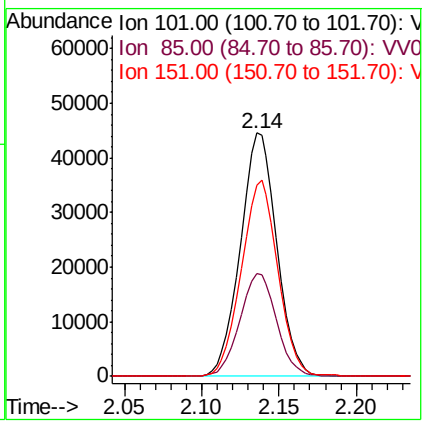


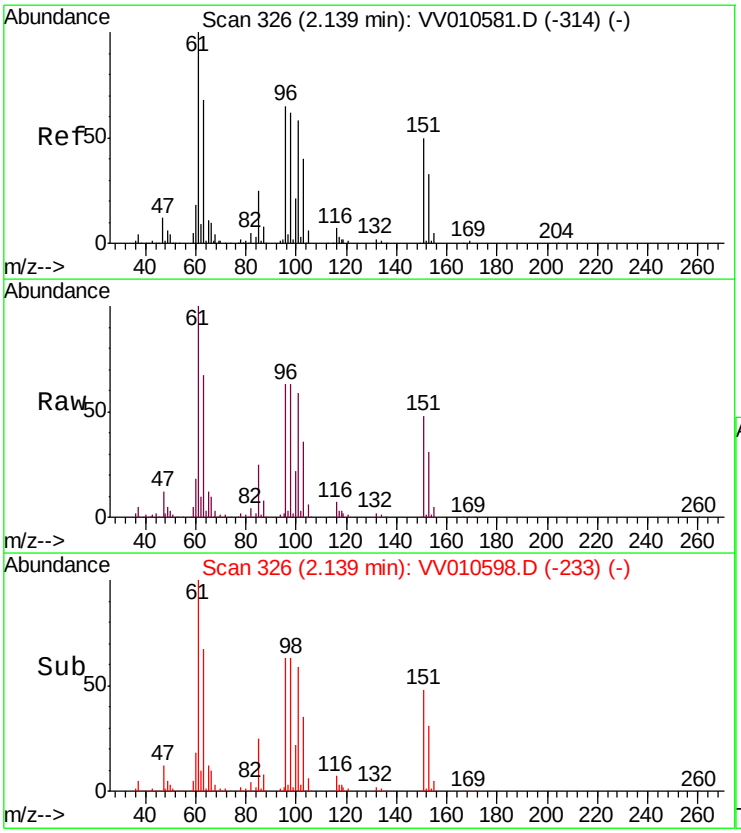
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.732 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Instrument :
MSVOA_V
ClientSampleId :
VSTD00554

Tgt Ion:101 Resp: 73027

Ion	Ratio	Lower	Upper
101	100		
85	42.4	35.6	53.4
151	80.8	67.9	101.9

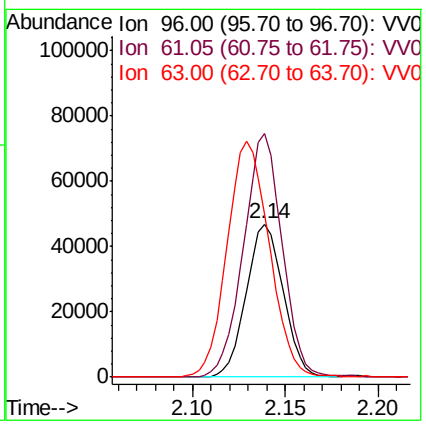


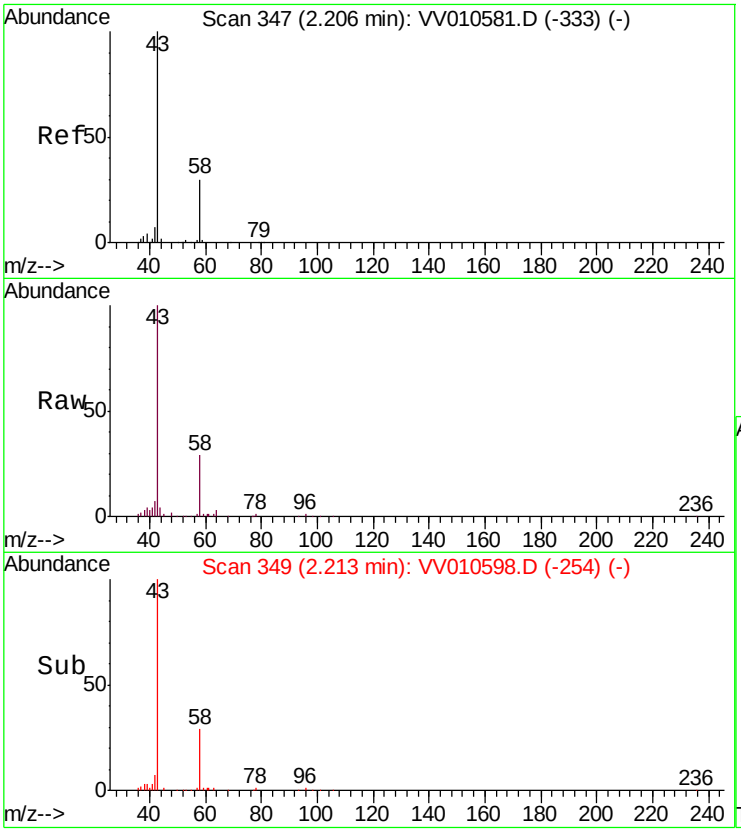


#12
1,1-Dichloroethene
Concen: 5.868 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Tgt Ion: 96 Resp: 65219

Ion	Ratio	Lower	Upper
96	100		
61	158.8	115.6	214.8
63	106.7	76.6	142.3



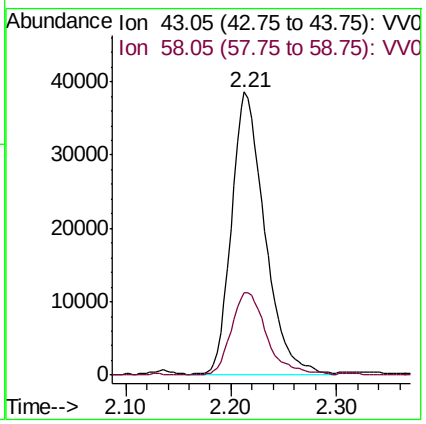


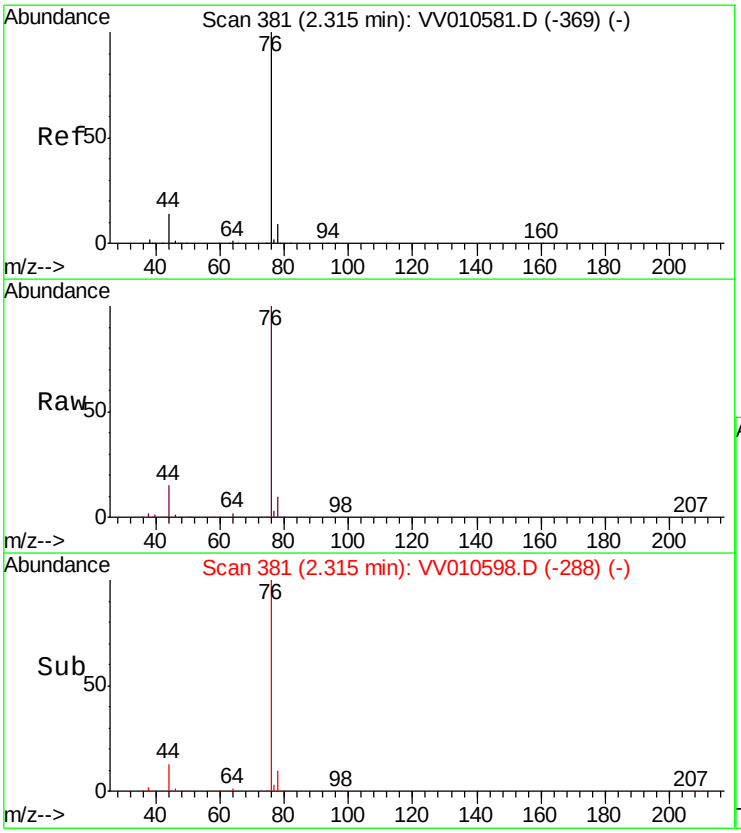
#13
Acetone
Concen: 56.178 ug/L
RT: 2.21 min Scan# 349
Delta R.T. 0.01 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Instrument :
MSVOA_V
ClientSampleId :
VSTD00554

Tgt Ion: 43 Resp: 84030

Ion	Ratio	Lower	Upper
43	100		
58	30.9	0.0	59.8

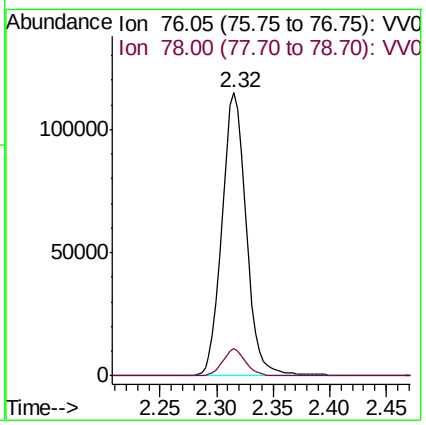


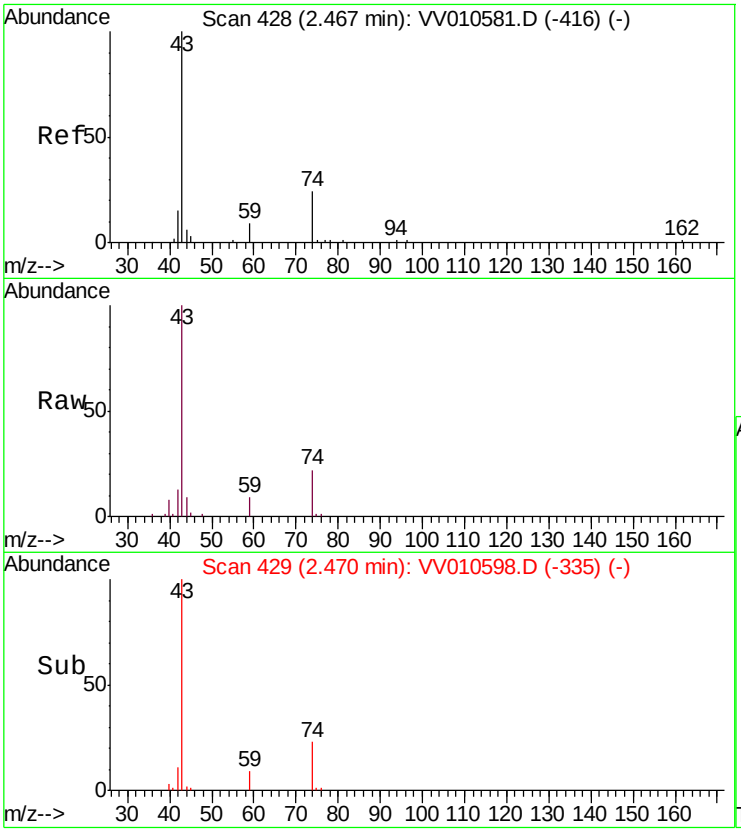


#14
Carbon disulfide
Concen: 5.495 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Tgt Ion: 76 Resp: 172969

Ion	Ratio	Lower	Upper
76	100		
78	9.5	8.2	12.4



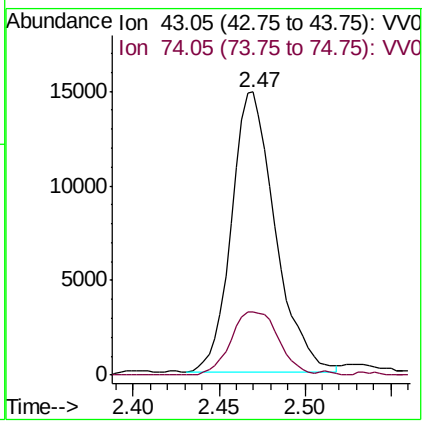


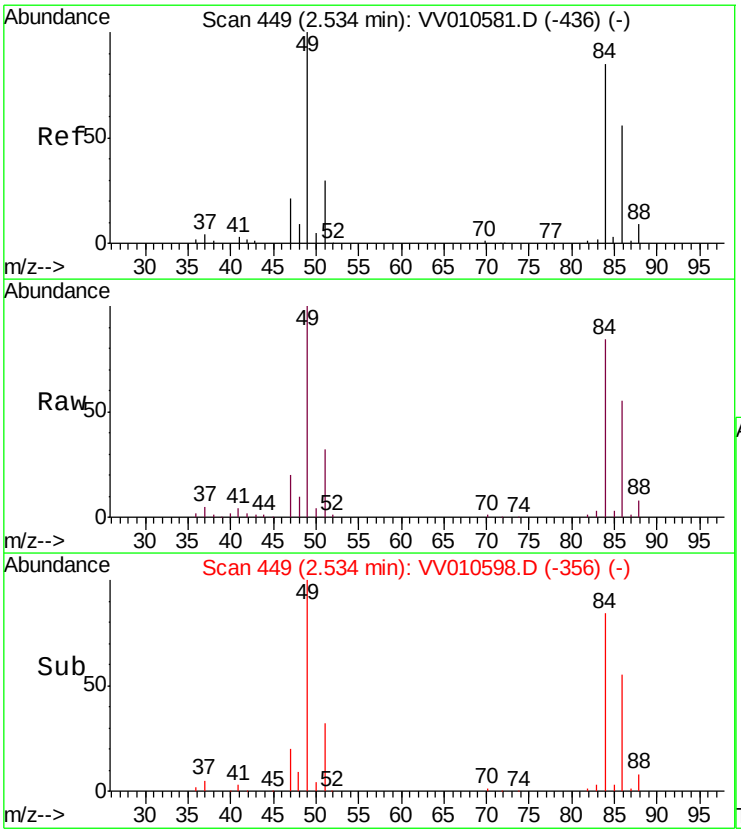
#15
Methyl Acetate
Concen: 5.285 ug/L
RT: 2.47 min Scan# 429
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Instrument :
MSVOA_V
ClientSampleId :
VSTD00554

Tgt Ion: 43 Resp: 26399

Ion	Ratio	Lower	Upper
43	100		
74	24.6	19.8	29.8

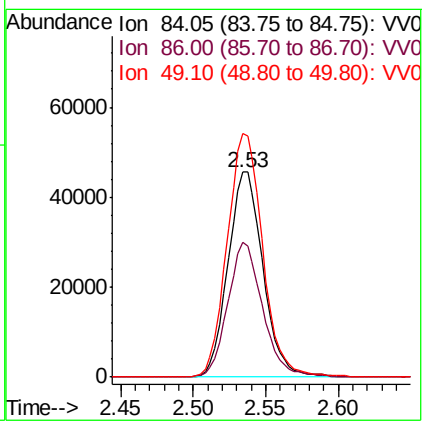


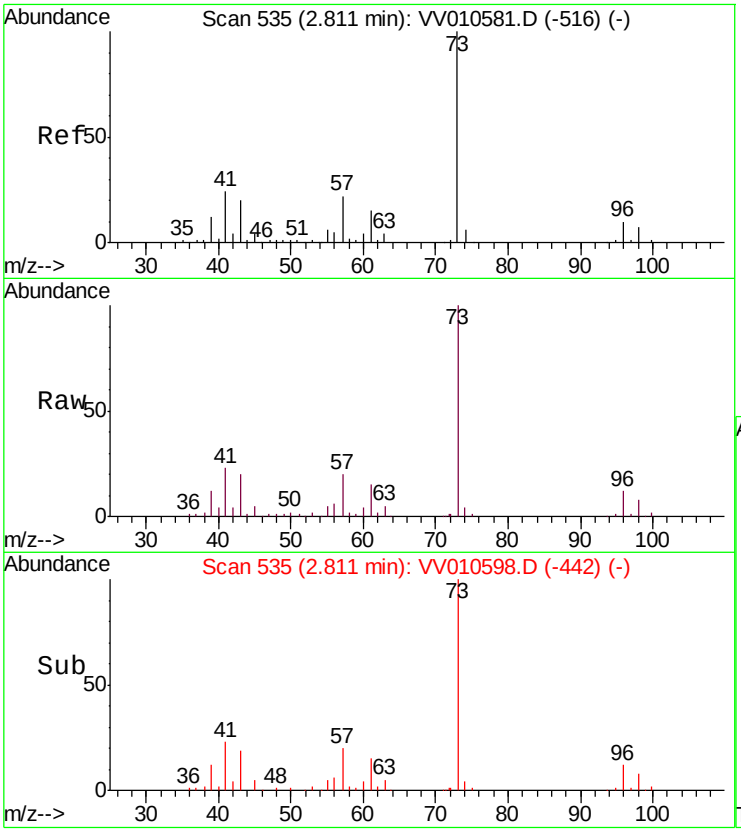


#16
Methylene chloride
Concen: 5.384 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Tgt Ion: 84 Resp: 76350

Ion	Ratio	Lower	Upper
84	100		
86	65.6	43.3	80.3
49	118.9	80.9	150.3



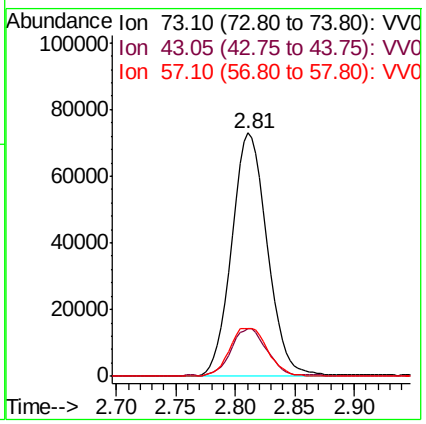


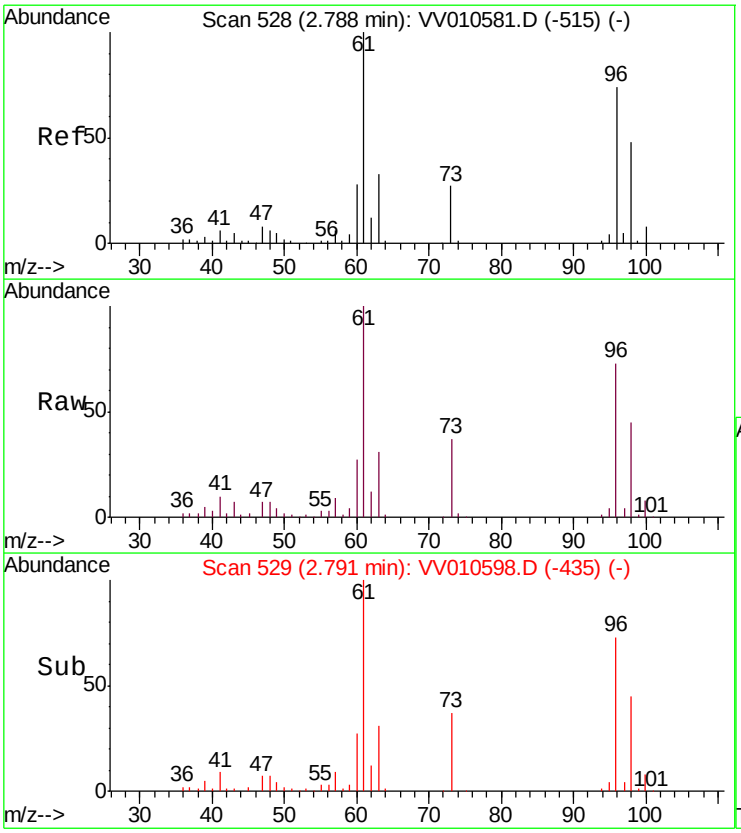
#17
Methyl tert-butyl Ether
Concen: 6.006 ug/L
RT: 2.81 min Scan# 535
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Instrument :
MSVOA_V
ClientSampleId :
VSTD00554

Tgt Ion: 73 Resp: 151824

Ion	Ratio	Lower	Upper
73	100		
43	19.3	16.5	24.7
57	21.2	18.0	27.0

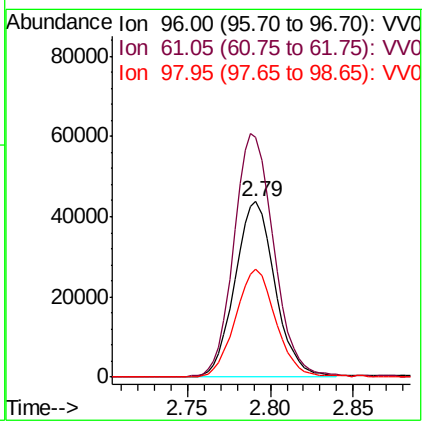


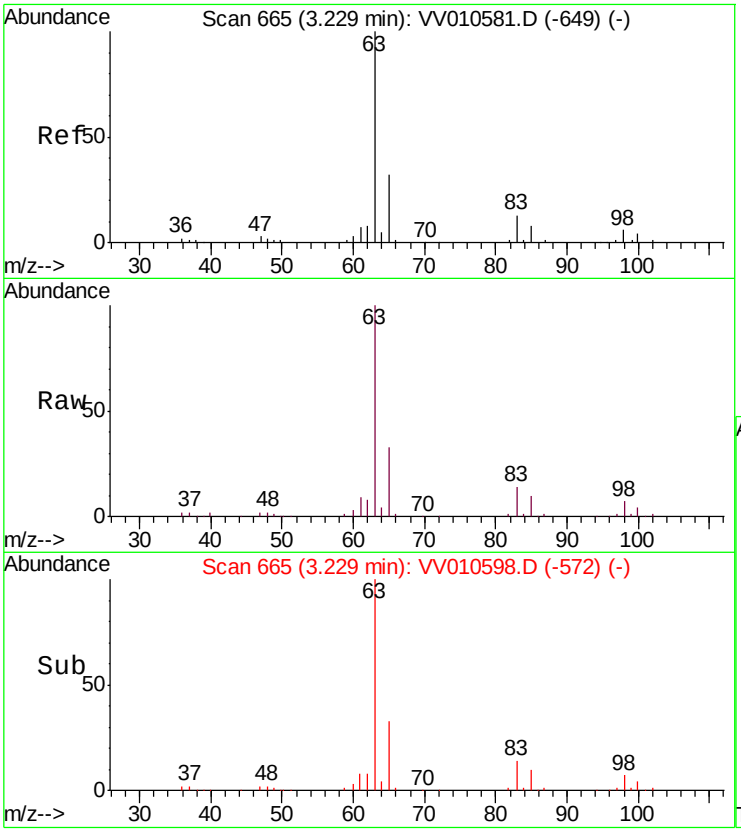


#18
trans-1,2-Dichloroethene
Concen: 5.993 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Tgt Ion: 96 Resp: 73560

Ion	Ratio	Lower	Upper
96	100		
61	136.7	96.1	178.5
98	61.4	43.3	80.3



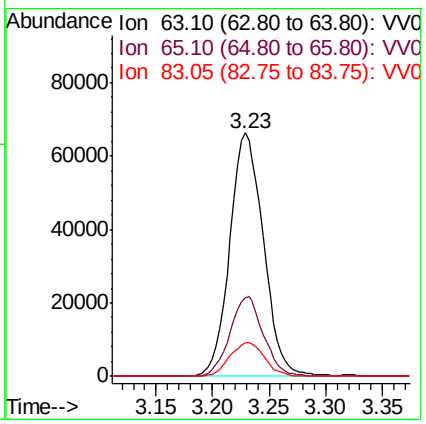


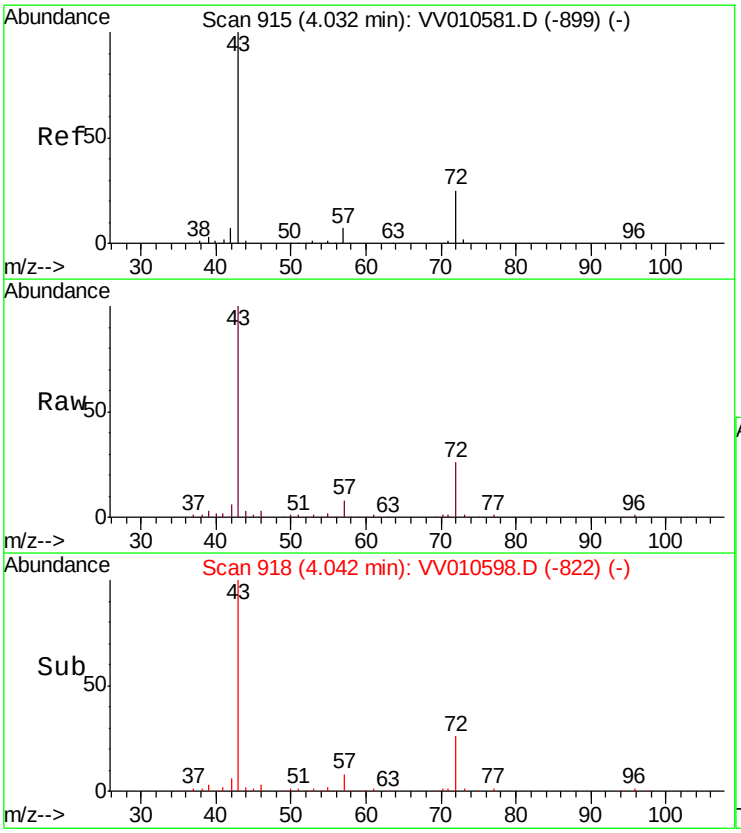
#19
1,1-Dichloroethane
Concen: 6.026 ug/L
RT: 3.23 min Scan# 665
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Instrument : MSVOA_V
ClientSampleId : VSTD00554

Tgt Ion: 63 Resp: 137346

Ion	Ratio	Lower	Upper
63	100		
65	32.5	22.9	42.5
83	13.6	8.6	16.0

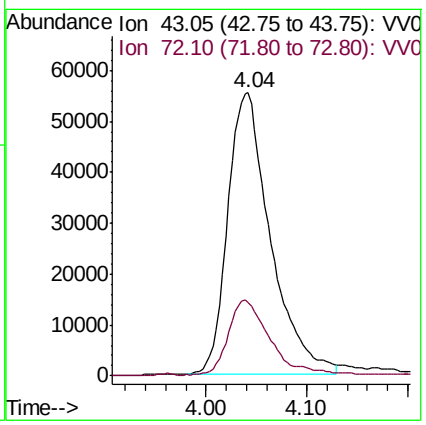


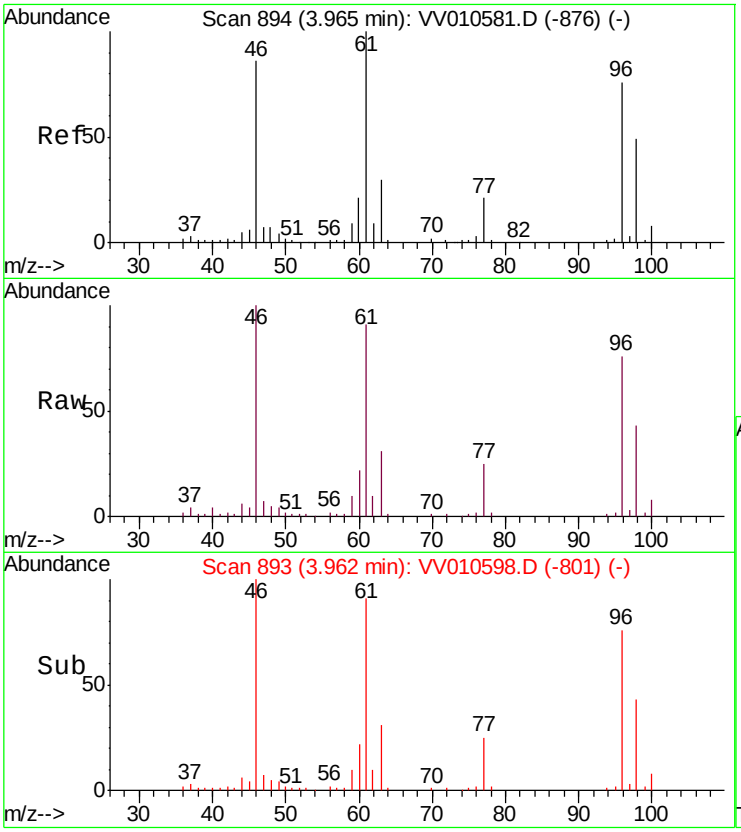


#21
2-Butanone
Concen: 60.632 ug/L
RT: 4.04 min Scan# 918
Delta R.T. 0.01 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Tgt Ion: 43 Resp: 161767

Ion	Ratio	Lower	Upper
43	100		
72	26.0	12.5	37.5



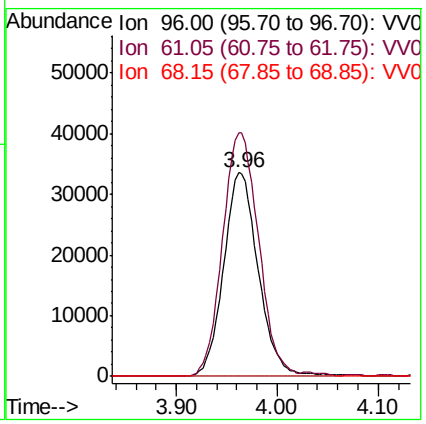


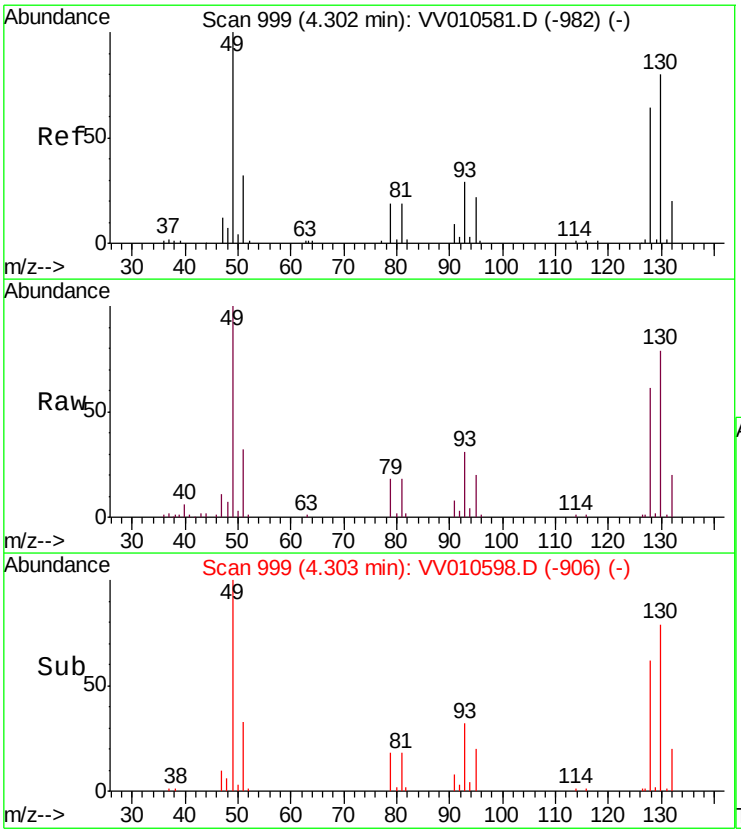
#22
cis-1,2-Dichloroethene
Concen: 5.919 ug/L
RT: 3.96 min Scan# 893
Delta R.T. -0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Instrument :
MSVOA_V
ClientSampleId :
VSTD00554

Tgt Ion: 96 Resp: 80302

Ion	Ratio	Lower	Upper
96	100		
61	119.3	90.0	167.2
68	0.0	0.0	0.0

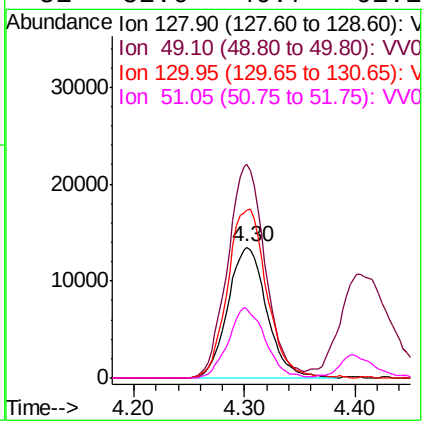


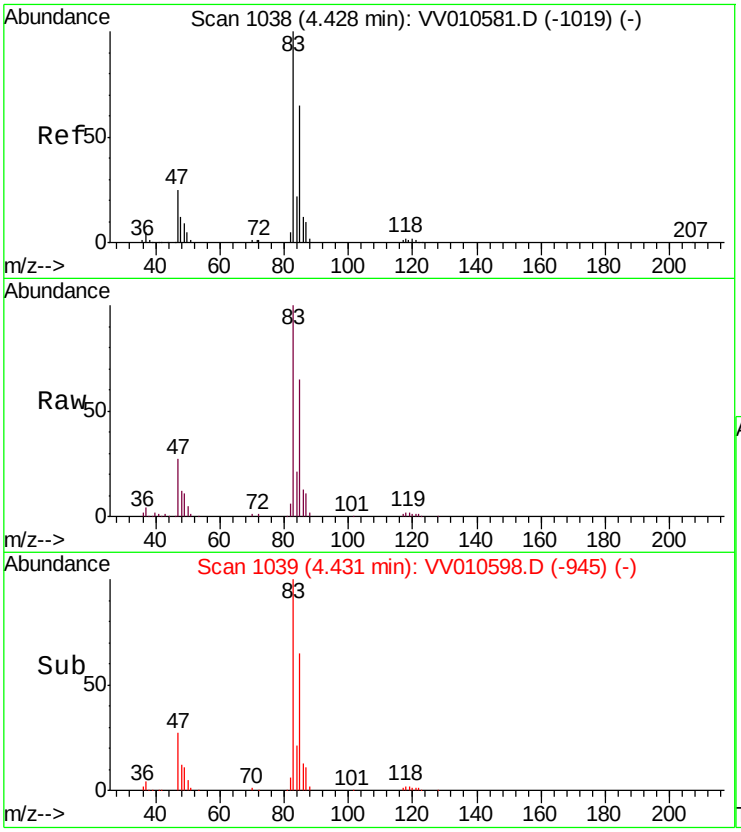


#23
Bromochloromethane
Concen: 6.031 ug/L
RT: 4.30 min Scan# 999
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Tgt Ion:128 Resp: 33023

Ion	Ratio	Lower	Upper
128	100		
49	163.0	111.0	206.2
130	128.2	87.1	161.7
51	52.6	40.7	61.1



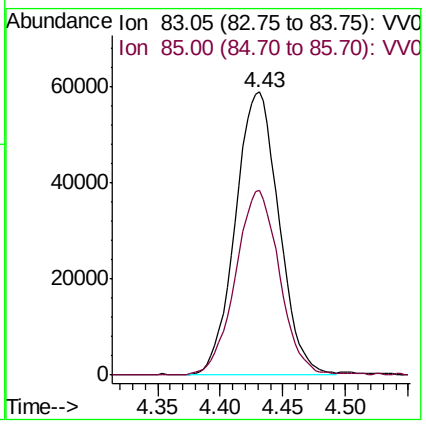


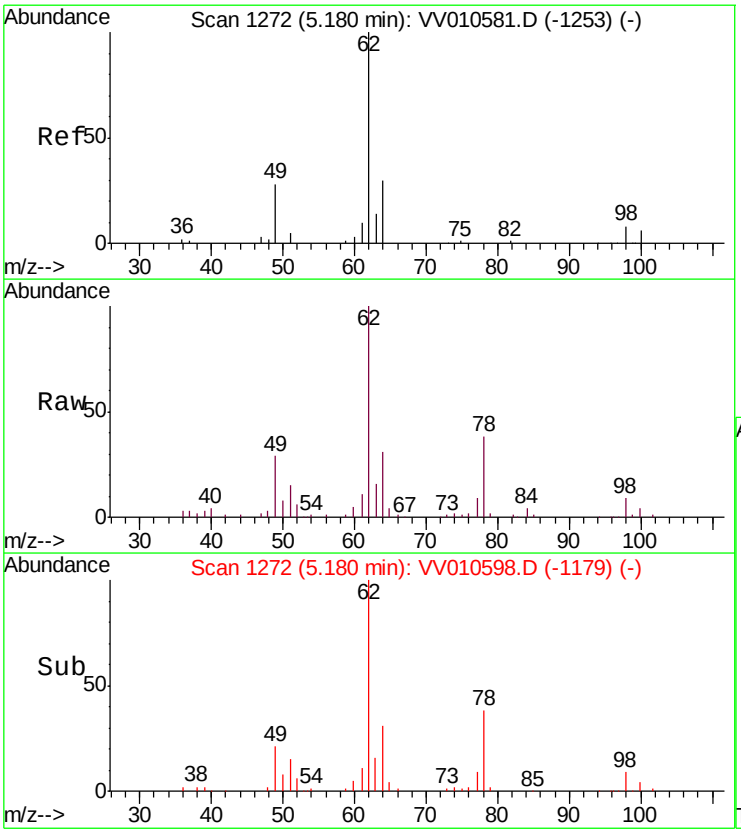
#25
Chloroform
Concen: 5.835 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Instrument :
MSVOA_V
ClientSampleId :
VSTD00554

Tgt Ion: 83 Resp: 142453

Ion	Ratio	Lower	Upper
83	100		
85	65.5	45.8	85.2

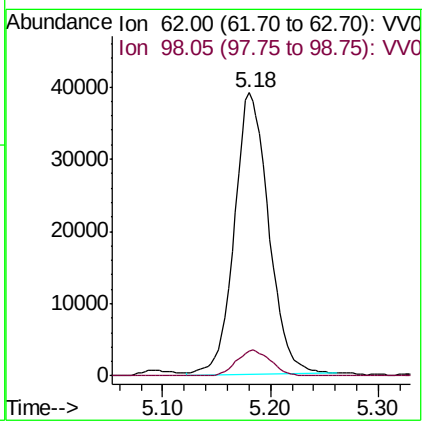


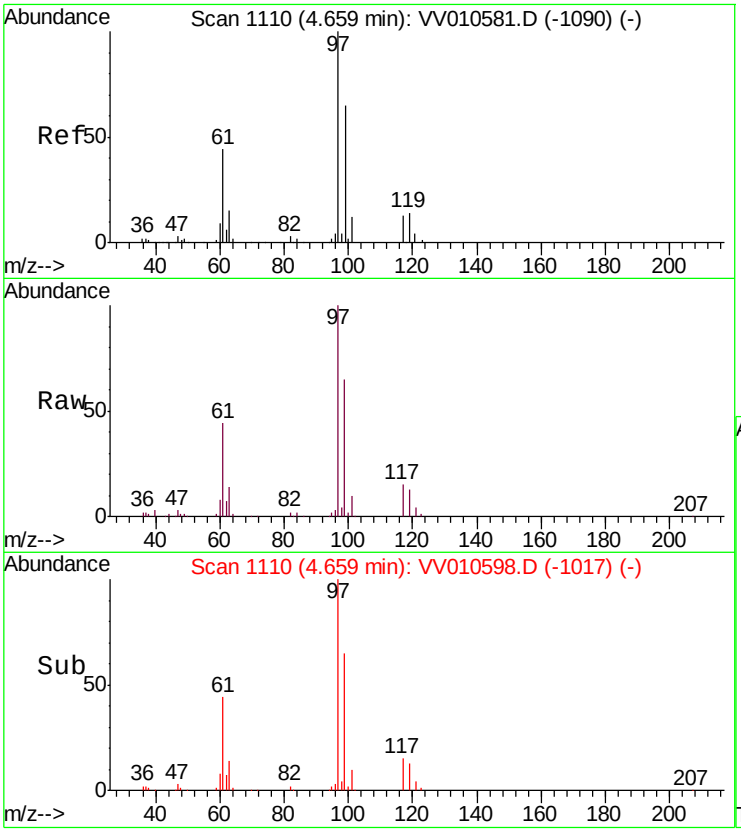


#27
1,2-Dichloroethane
Concen: 6.195 ug/L
RT: 5.18 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Tgt Ion: 62 Resp: 86422

Ion	Ratio	Lower	Upper
62	100		
98	8.9	6.5	9.7



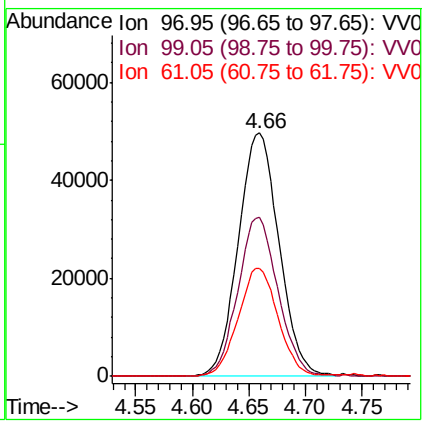


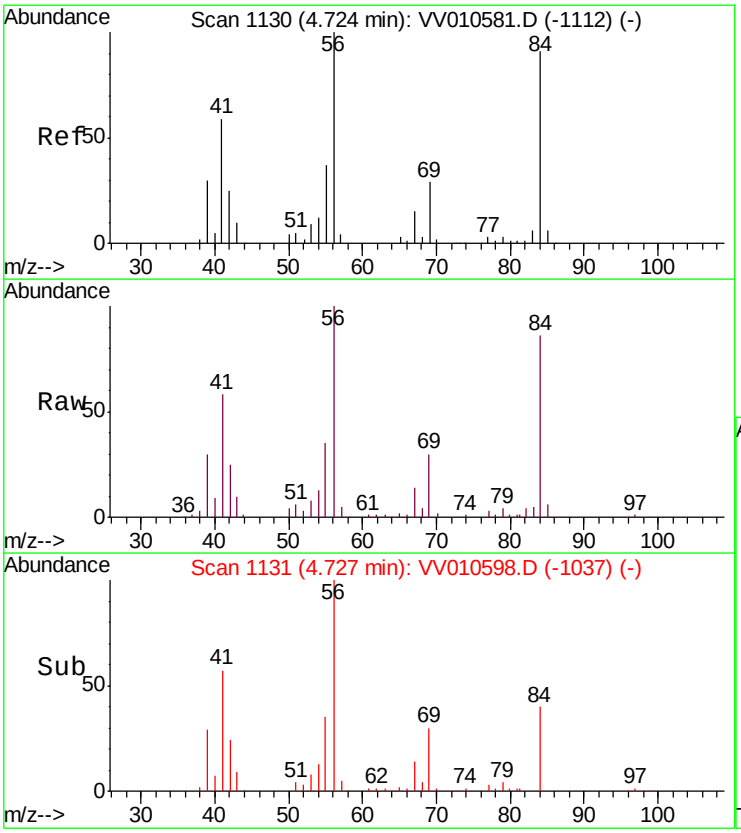
#29
1,1,1-Trichloroethane
Concen: 5.641 ug/L
RT: 4.66 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Instrument :
MSVOA_V
ClientSampleId :
VSTD00554

Tgt Ion: 97 Resp: 124677

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.0	76.6
61	43.6	34.7	52.1

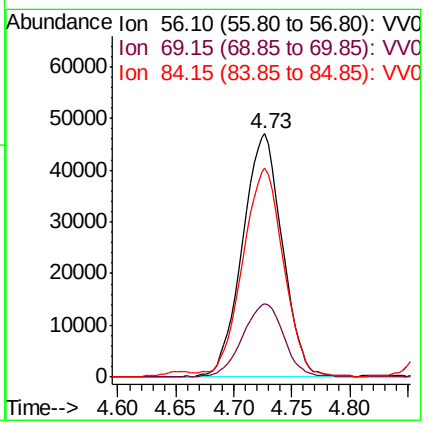


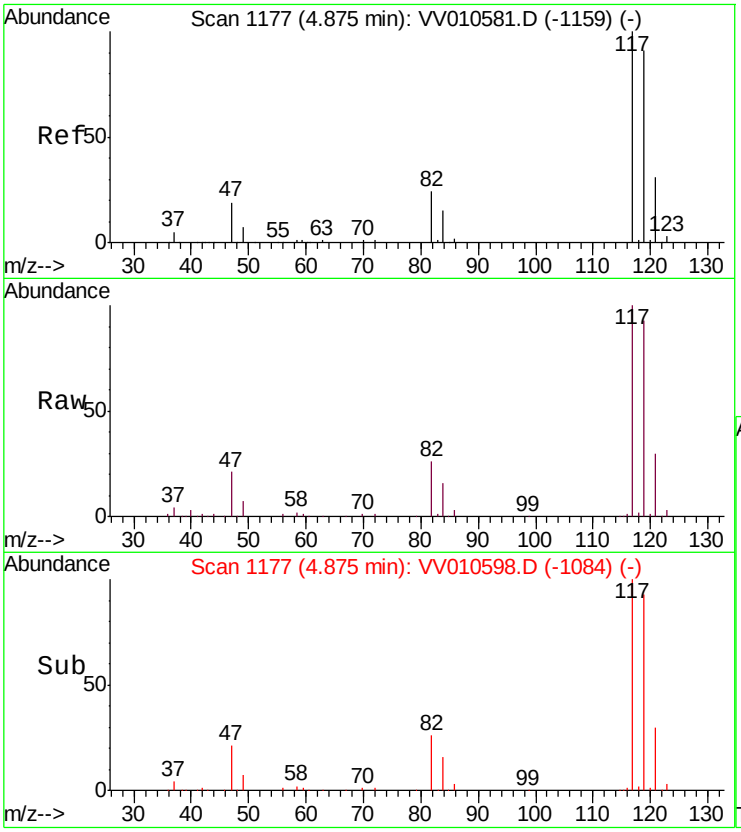


#30
Cyclohexane
Concen: 5.508 ug/L
RT: 4.73 min Scan# 1131
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Tgt Ion: 56 Resp: 112552

Ion	Ratio	Lower	Upper
56	100		
69	31.3	24.5	36.7
84	88.4	70.2	105.4



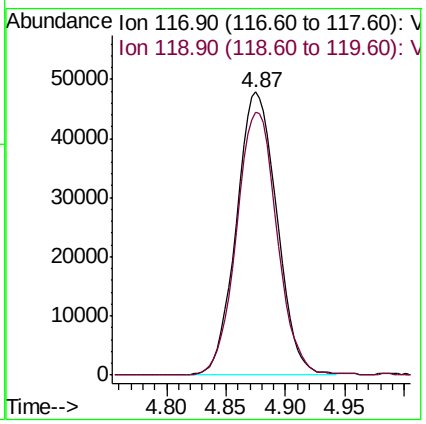


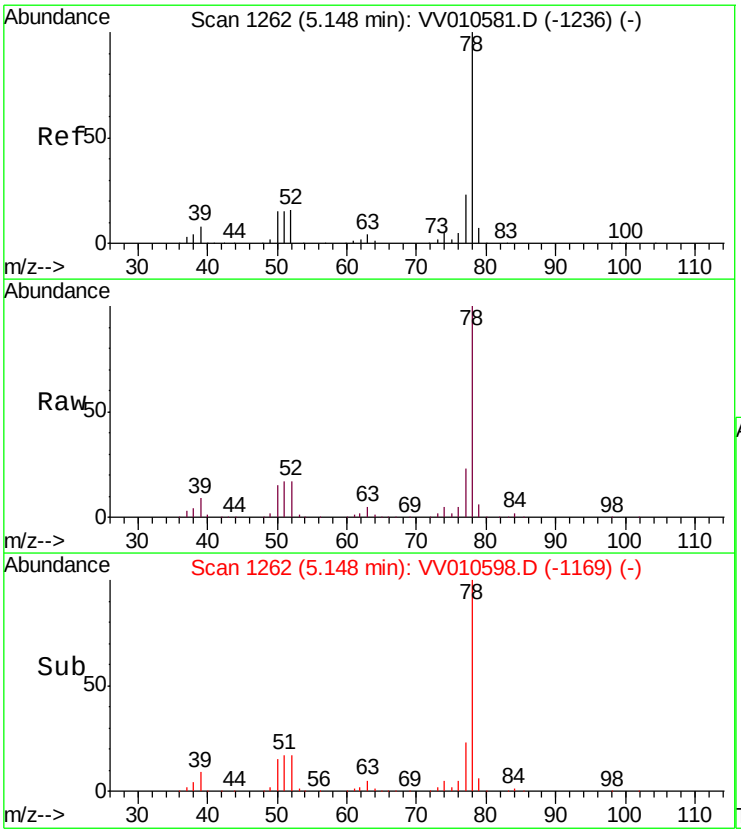
#31
Carbon tetrachloride
Concen: 5.535 ug/L
RT: 4.87 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Instrument :
MSVOA_V
ClientSampleId :
VSTD00554

Tgt Ion:117 Resp: 112743

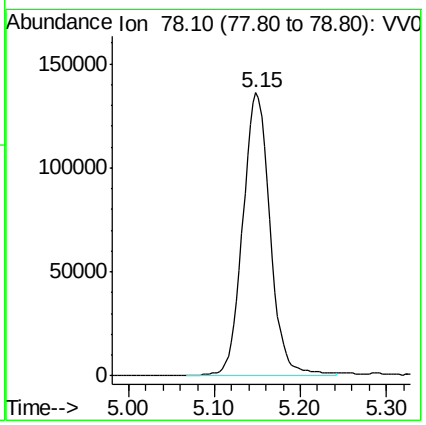
Ion	Ratio	Lower	Upper
117	100		
119	93.1	77.7	116.5

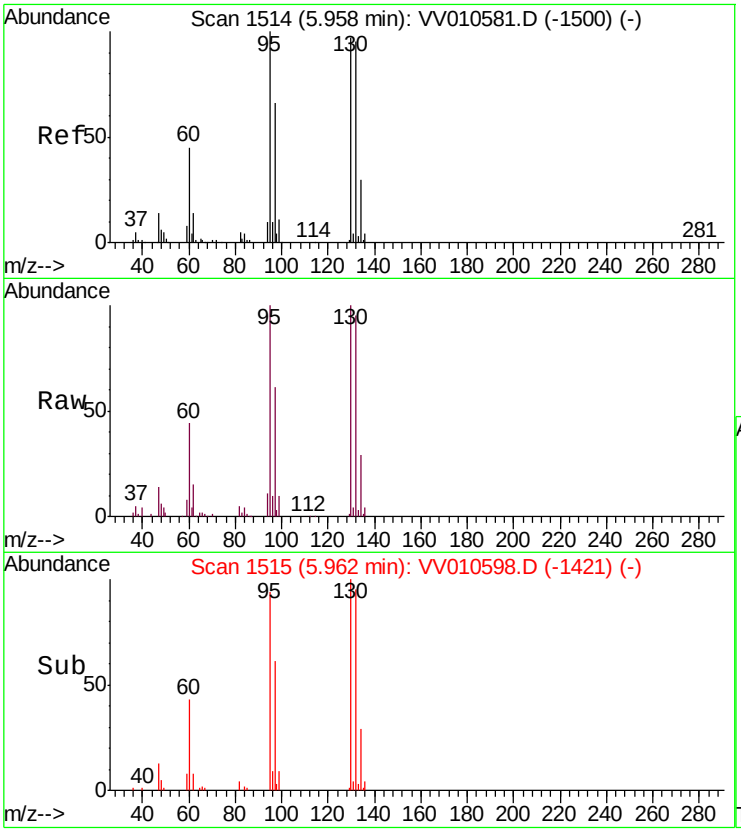




#33
Benzene
Concen: 5.766 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Tgt Ion: 78 Resp: 302010



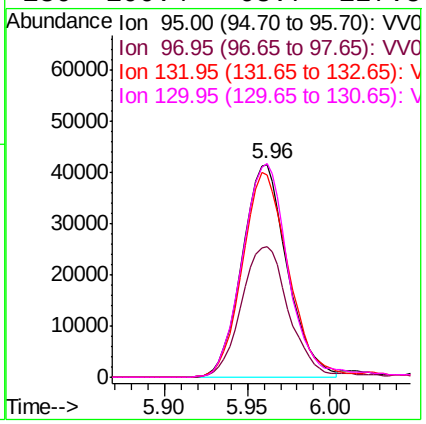


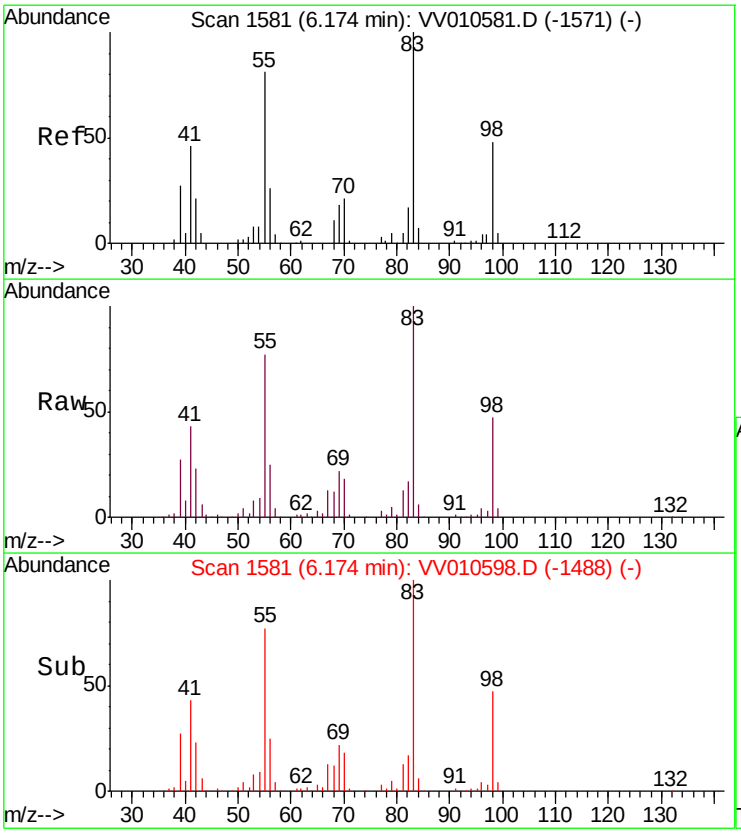
#34
Trichloroethene
Concen: 5.183 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Instrument : MSVOA_V
ClientSampleId : VSTD00554

Tgt Ion: 95 Resp: 78907

Ion	Ratio	Lower	Upper
95	100		
97	61.5	44.3	82.3
132	95.3	67.1	124.7
130	100.4	68.7	127.5

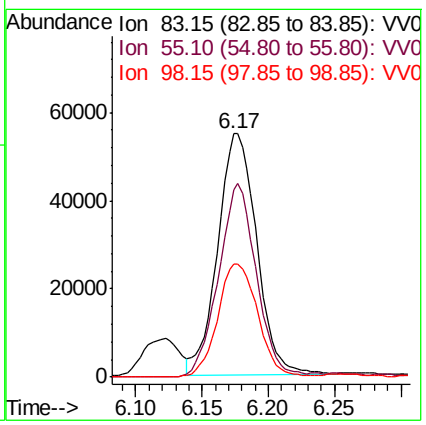


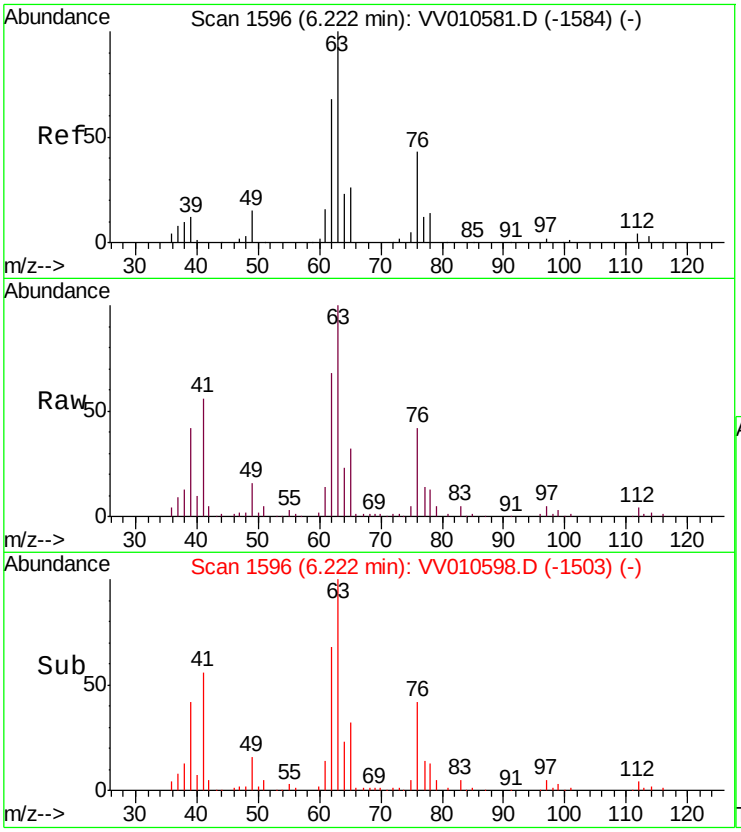


#35
Methylcyclohexane
Concen: 5.271 ug/L
RT: 6.17 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Tgt Ion: 83 Resp: 111704

Ion	Ratio	Lower	Upper
83	100		
55	77.6	62.6	94.0
98	48.0	38.8	58.2



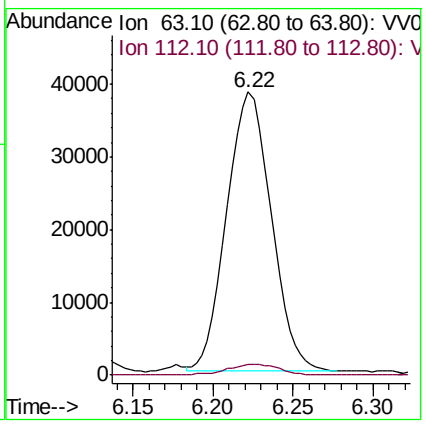


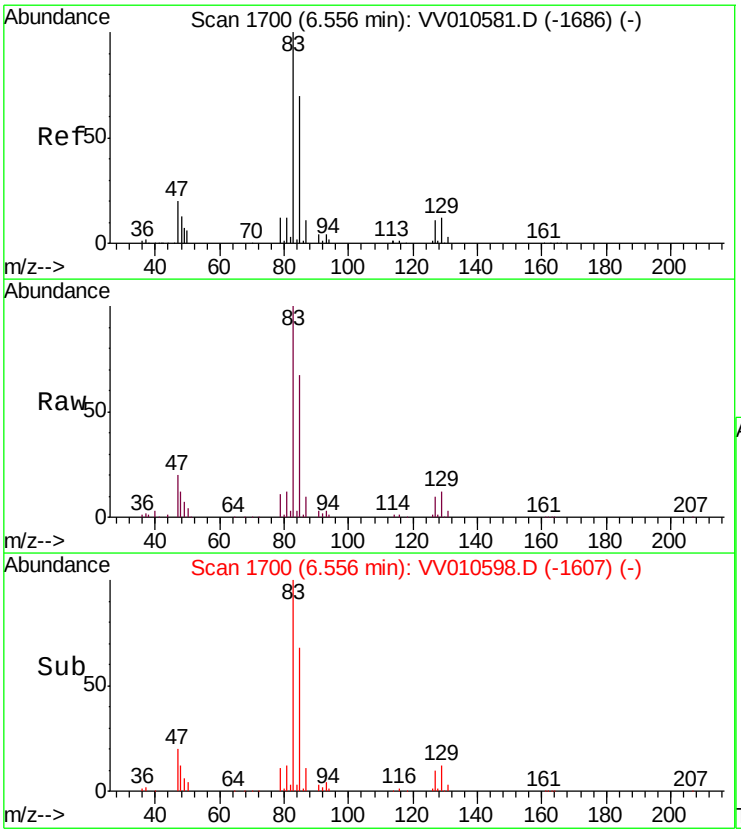
#37
1,2-Dichloropropane
Concen: 5.620 ug/L
RT: 6.22 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Instrument :
MSVOA_V
ClientSampleId :
VSTD00554

Tgt Ion: 63 Resp: 73080

Ion	Ratio	Lower	Upper
63	100		
112	4.6	3.6	5.4

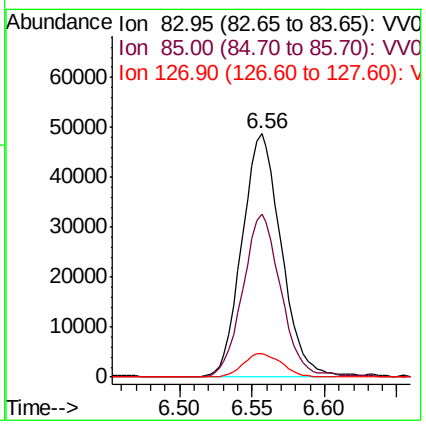


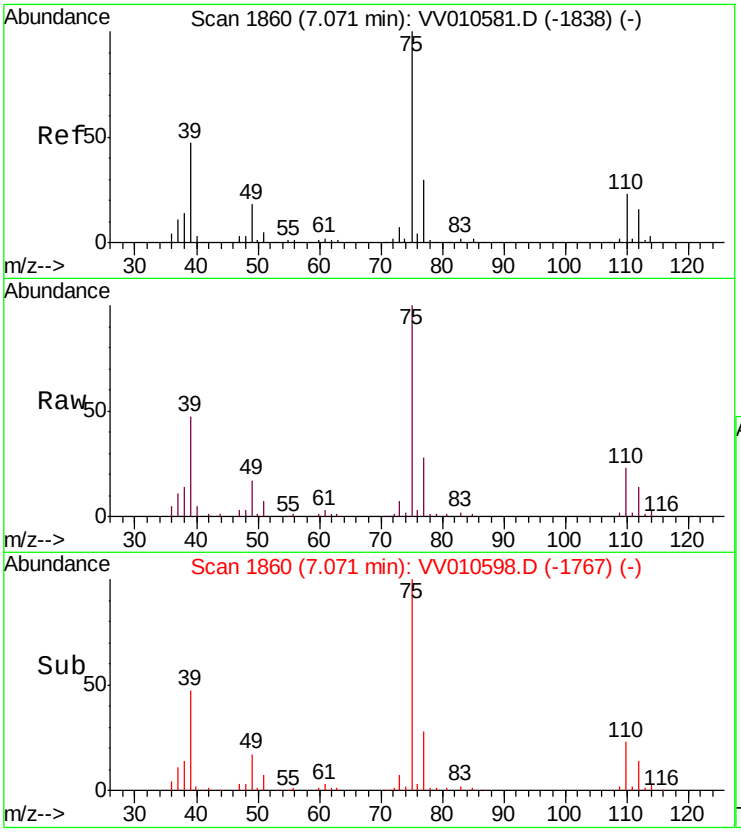


#38
Bromodichloromethane
Concen: 5.395 ug/L
RT: 6.56 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Tgt Ion: 83 Resp: 90978

Ion	Ratio	Lower	Upper
83	100		
85	66.9	47.7	88.7
127	9.9	6.9	10.3



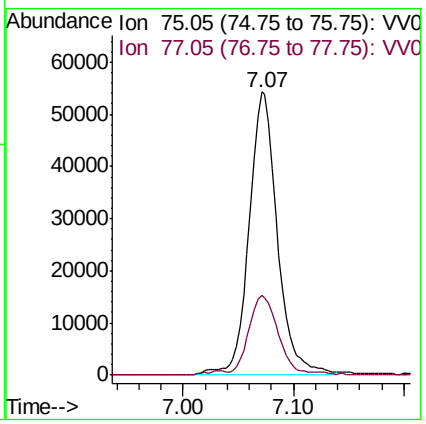


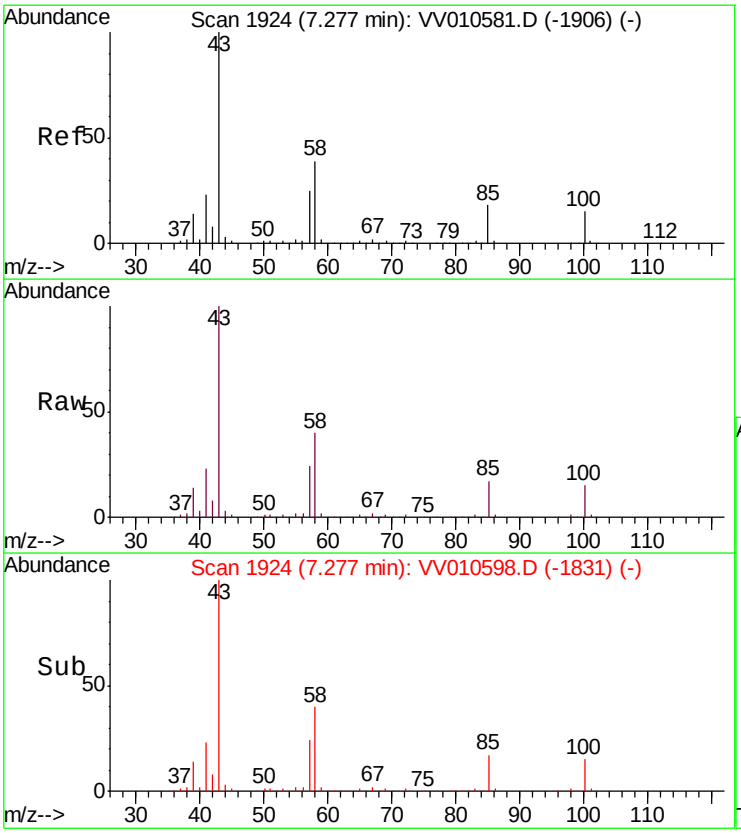
#39
cis-1,3-Dichloropropene
Concen: 5.316 ug/L
RT: 7.07 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Instrument :
MSVOA_V
ClientSampleId :
VSTD00554

Tgt Ion: 75 Resp: 96632

Ion	Ratio	Lower	Upper
75	100		
77	28.0	20.9	38.7

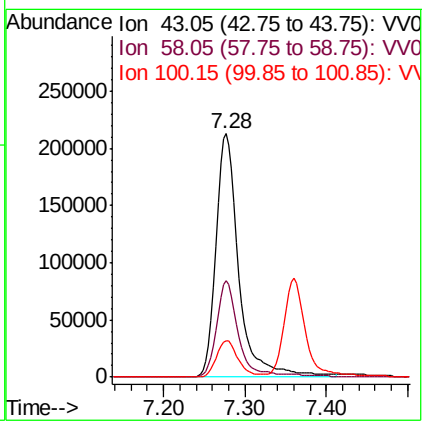


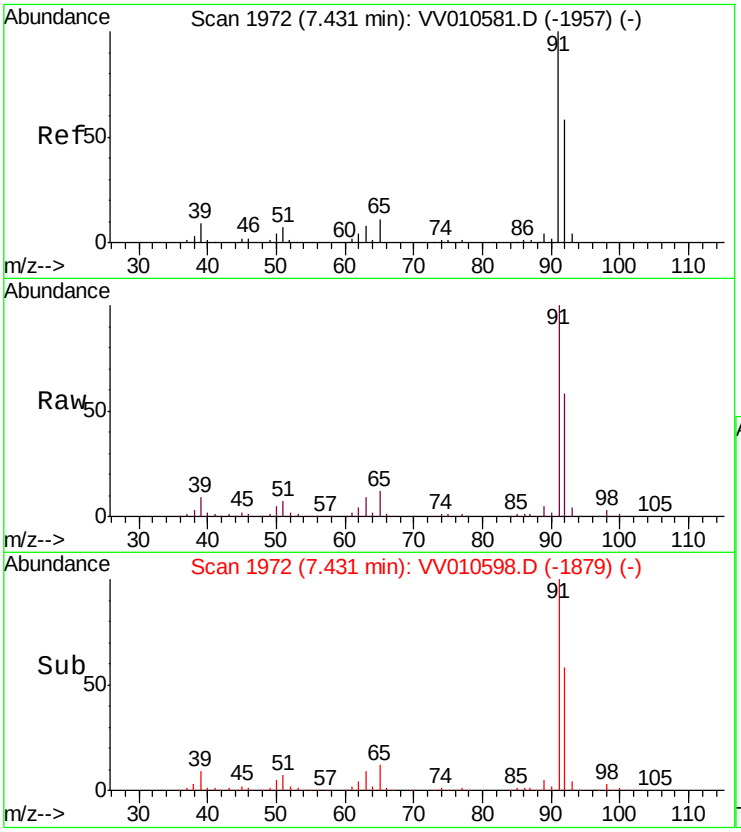


#40
4-Methyl-2-pentanone
Concen: 60.086 ug/L
RT: 7.28 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Tgt Ion: 43 Resp: 423829

Ion	Ratio	Lower	Upper
43	100		
58	37.0	30.2	45.4
100	14.2	11.3	16.9



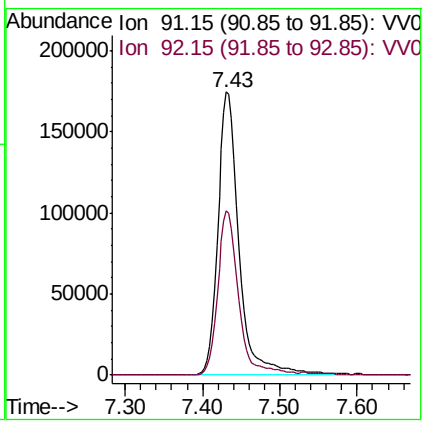


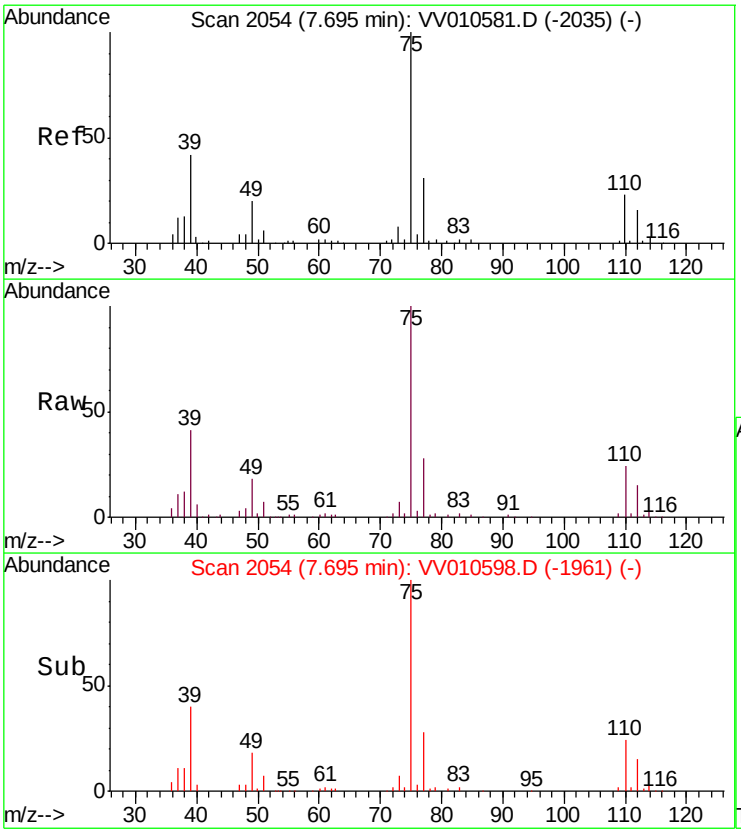
#42
Toluene
Concen: 5.724 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Instrument : MSVOA_V
ClientSampleId : VSTD00554

Tgt Ion: 91 Resp: 334235

Ion	Ratio	Lower	Upper
91	100		
92	58.2	40.1	74.5

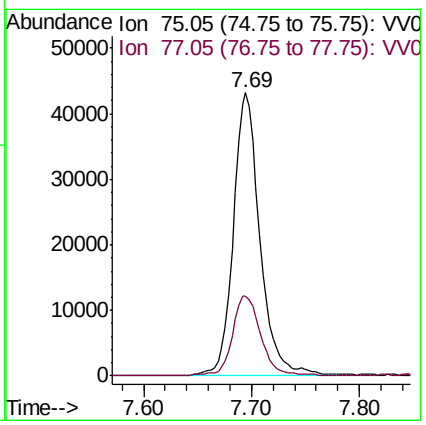


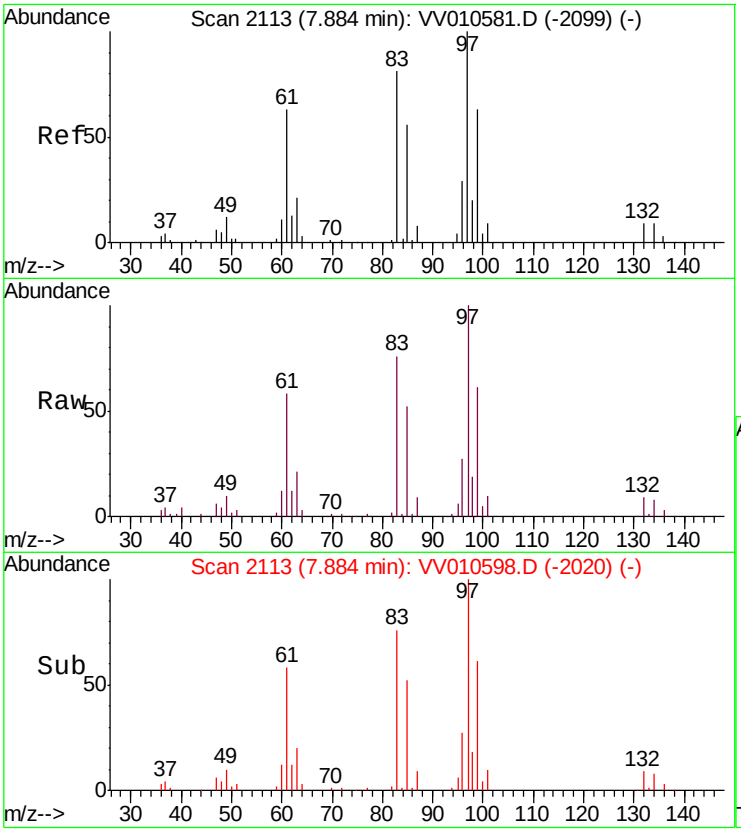


#44
trans-1,3-Dichloropropene
Concen: 5.410 ug/L
RT: 7.69 min Scan# 2054
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Tgt Ion: 75 Resp: 74572

Ion	Ratio	Lower	Upper
75	100		
77	28.4	23.0	42.8



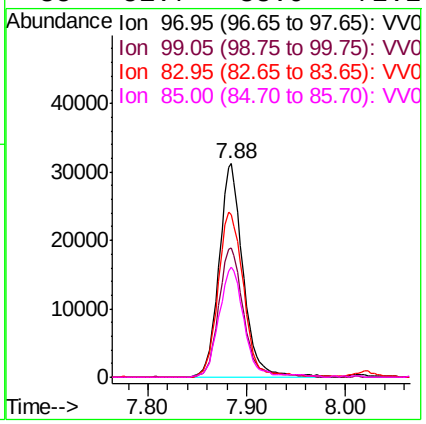


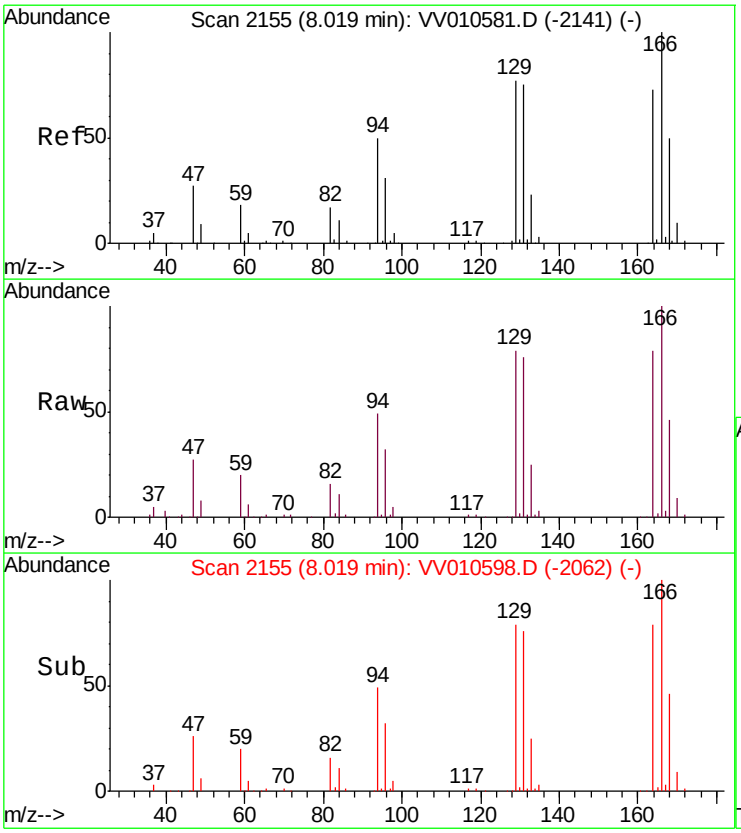
#45
1,1,2-Trichloroethane
Concen: 6.030 ug/L
RT: 7.88 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Instrument :
MSVOA_V
ClientSampleId :
VSTD00554

Tgt Ion: 97 Resp: 53492

Ion	Ratio	Lower	Upper
97	100		
99	60.5	47.9	89.1
83	76.2	62.9	116.9
85	51.7	38.9	72.2

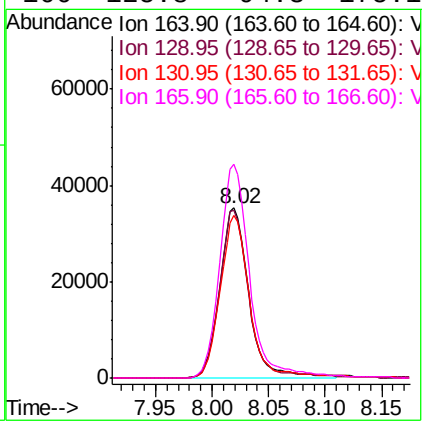


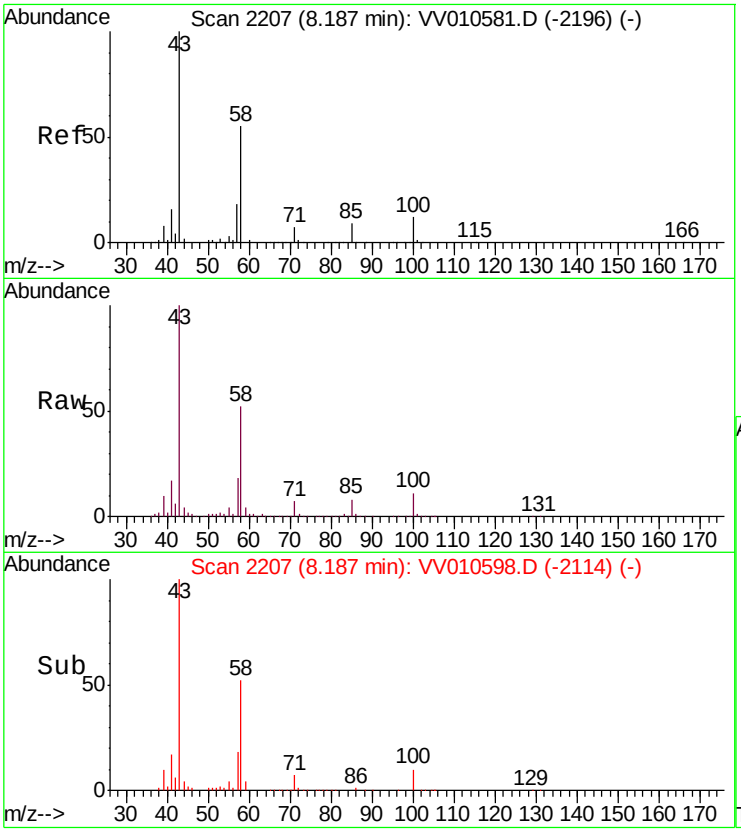


#47
Tetrachloroethene
Concen: 5.459 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Tgt Ion:164 Resp: 63396

Ion	Ratio	Lower	Upper
164	100		
129	99.0	69.8	129.6
131	96.1	70.2	130.4
166	125.8	94.3	175.1



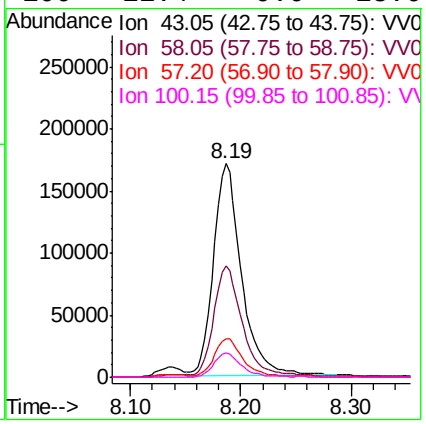


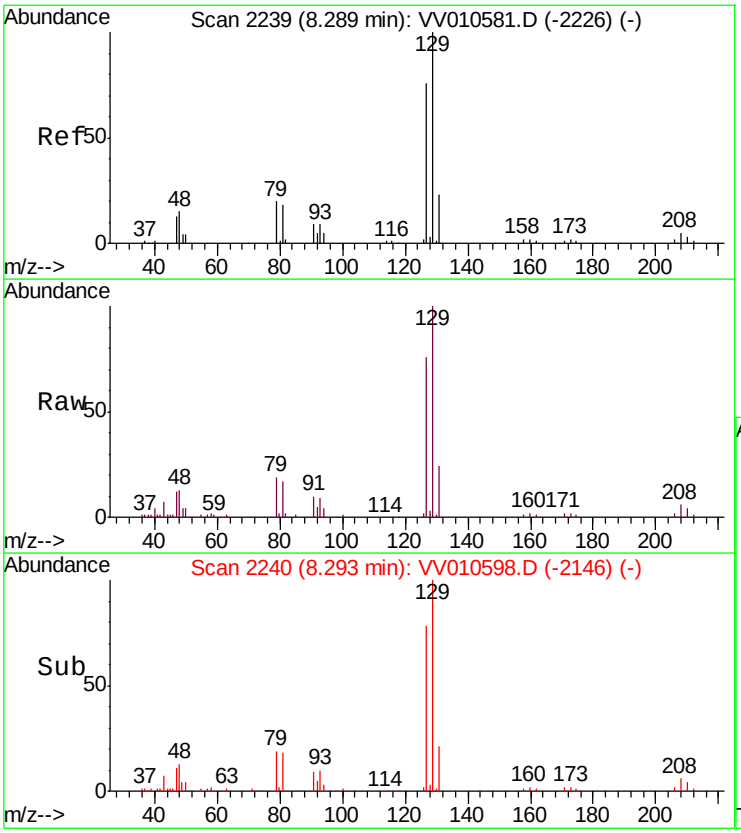
#48
2-Hexanone
Concen: 59.427 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Instrument : MSVOA_V
ClientSampleId : VSTD00554

Tgt Ion: 43 Resp: 301474

Ion	Ratio	Lower	Upper
43	100		
58	53.7	42.2	63.4
57	18.4	14.4	21.6
100	11.4	9.0	13.6

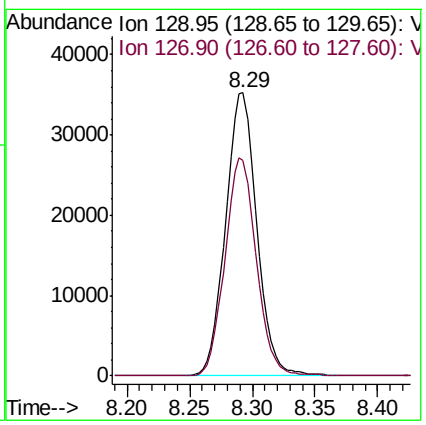


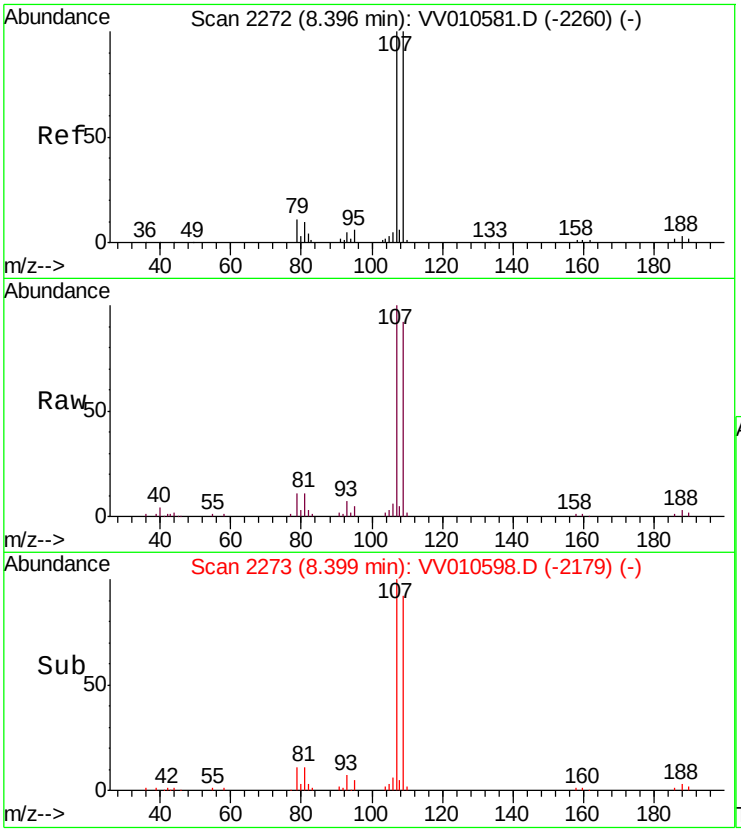


#49
Dibromochloromethane
Concen: 5.668 ug/L
RT: 8.29 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Tgt Ion:129 Resp: 60897

Ion	Ratio	Lower	Upper
129	100		
127	75.9	57.5	106.7



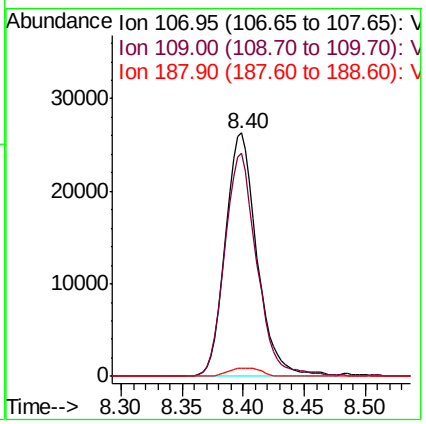


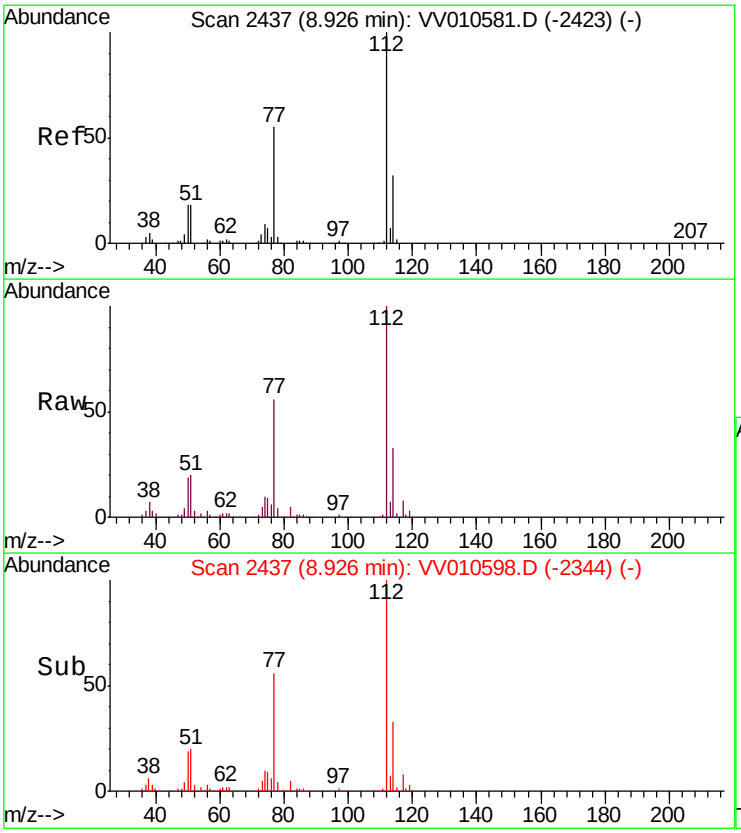
#50
1,2-Dibromoethane
Concen: 5.679 ug/L
RT: 8.40 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Instrument :
MSVOA_V
ClientSampleId :
VSTD00554

Tgt Ion:107 Resp: 47840

Ion	Ratio	Lower	Upper
107	100		
109	91.7	66.0	122.6
188	3.4	2.7	4.1

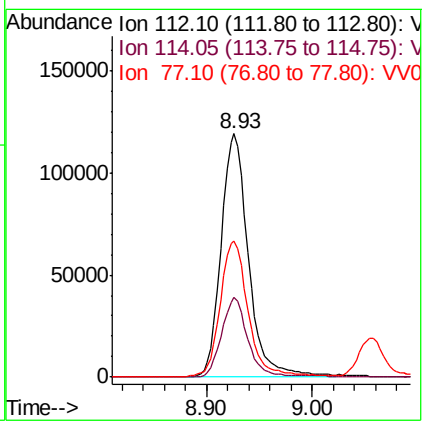


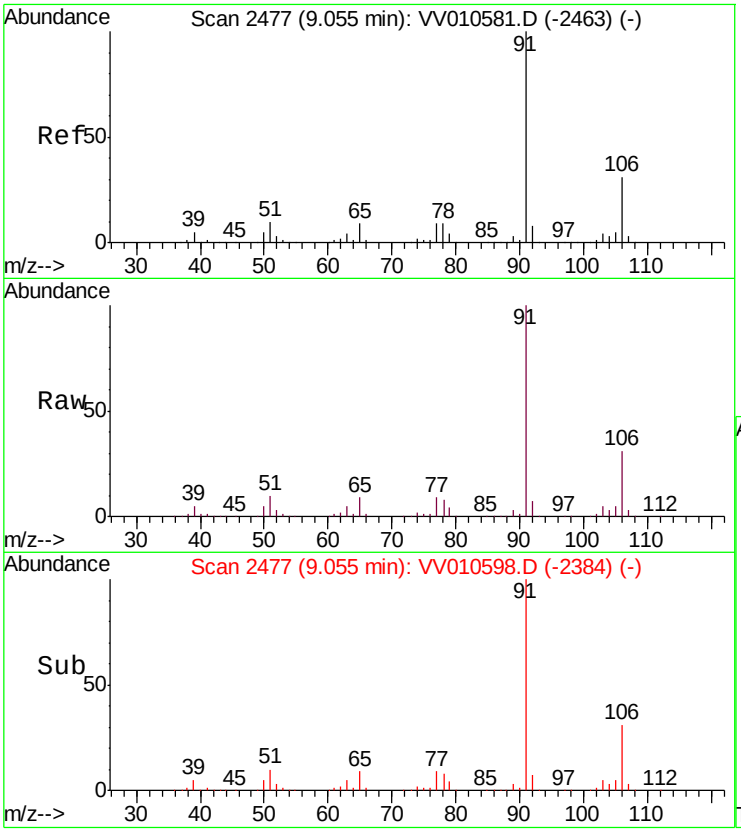


#51
Chlorobenzene
Concen: 5.518 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Tgt Ion:112 Resp: 214111

Ion	Ratio	Lower	Upper
112	100		
114	32.8	23.1	42.9
77	55.8	44.9	67.3



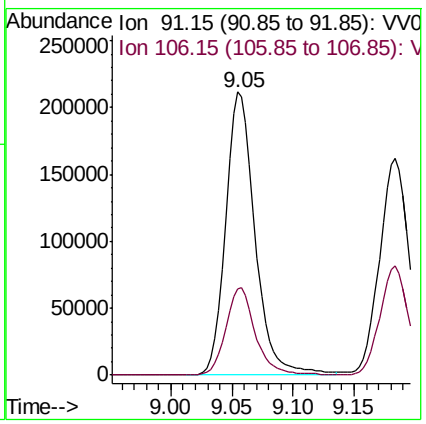


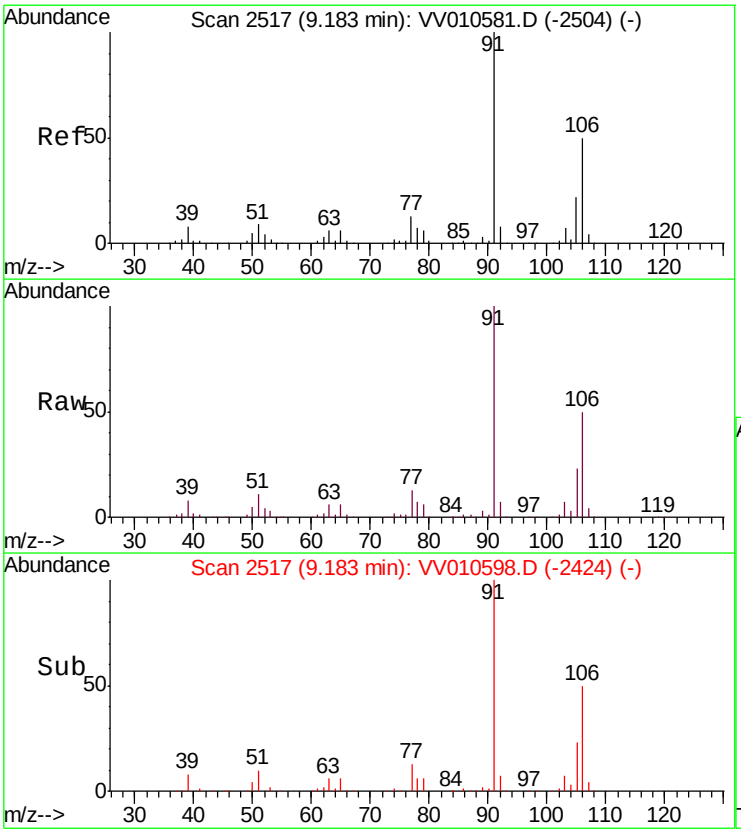
#52
Ethylbenzene
Concen: 5.606 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Instrument :
MSVOA_V
ClientSampleId :
VSTD00554

Tgt Ion: 91 Resp: 356728

Ion	Ratio	Lower	Upper
91	100		
106	30.5	21.8	40.4

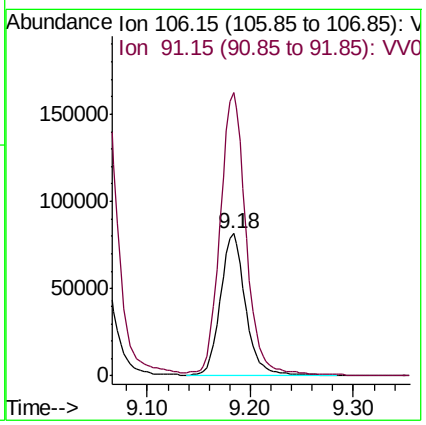


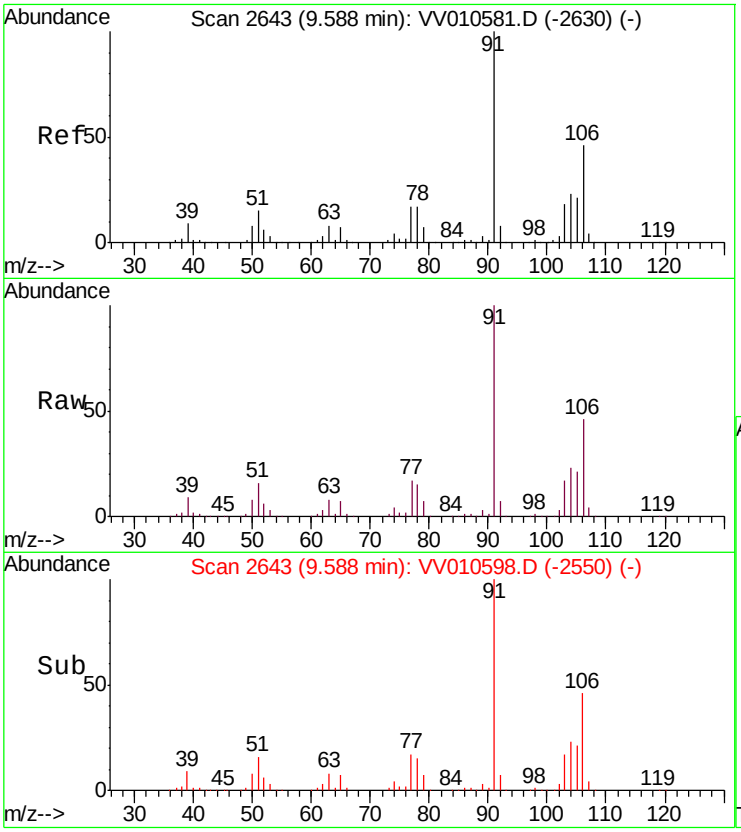


#53
m,p-xylene
Concen: 5.691 ug/L
RT: 9.18 min Scan# 2517
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Tgt Ion:106 Resp: 137844

Ion	Ratio	Lower	Upper
106	100		
91	199.0	140.3	260.5



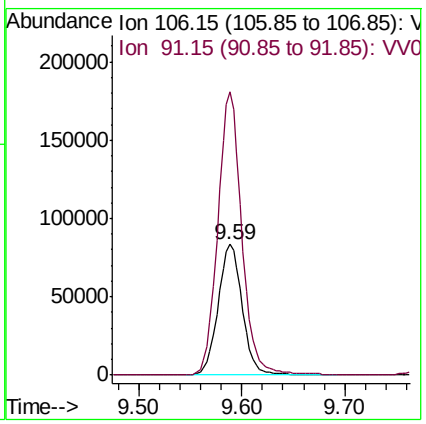


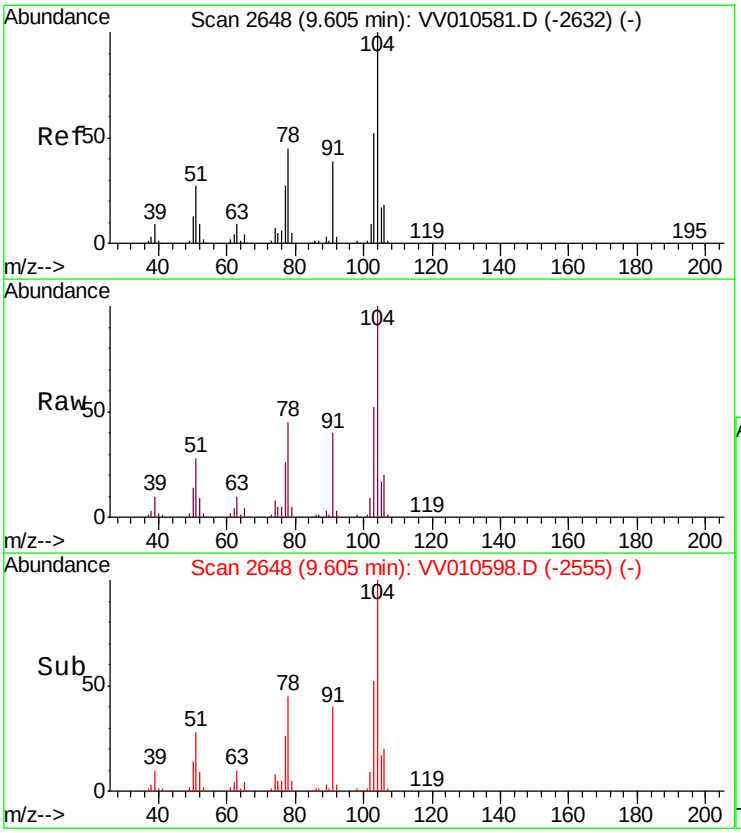
#54
o-xylene
Concen: 5.644 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Instrument :
MSVOA_V
ClientSampleId :
VSTD00554

Tgt Ion:106 Resp: 135763

Ion	Ratio	Lower	Upper
106	100		
91	216.9	150.6	279.6

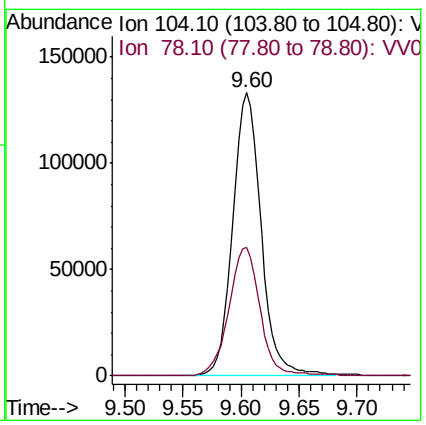


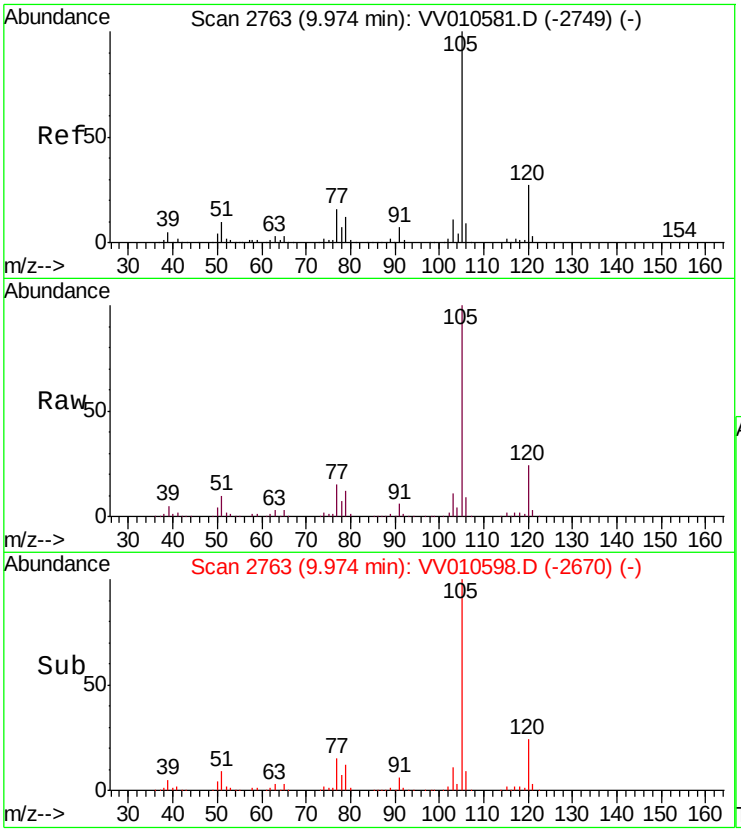


#55
Styrene
Concen: 5.780 ug/L
RT: 9.60 min Scan# 2648
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Tgt Ion:104 Resp: 226266

Ion	Ratio	Lower	Upper
104	100		
78	45.2	30.7	57.1



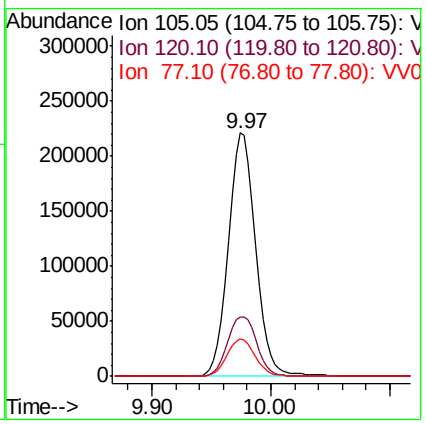


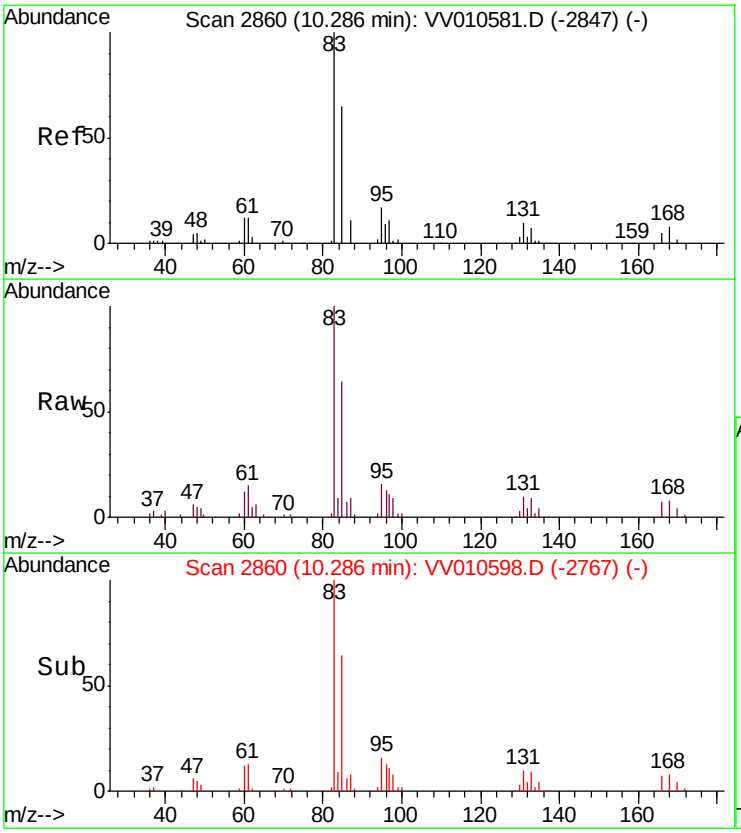
#56
Isopropylbenzene
Concen: 5.687 ug/L
RT: 9.97 min Scan# 2763
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Instrument :
MSVOA_V
ClientSampleId :
VSTD00554

Tgt Ion:105 Resp: 351827

Ion	Ratio	Lower	Upper
105	100		
120	26.2	21.4	32.2
77	16.0	12.5	18.7

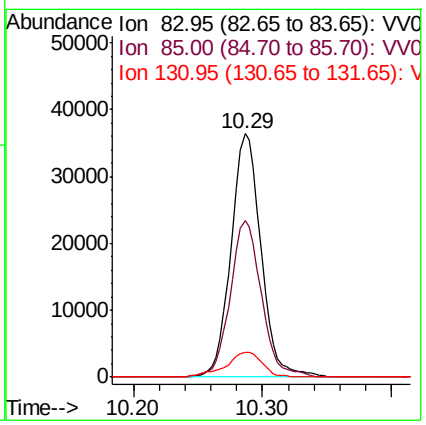


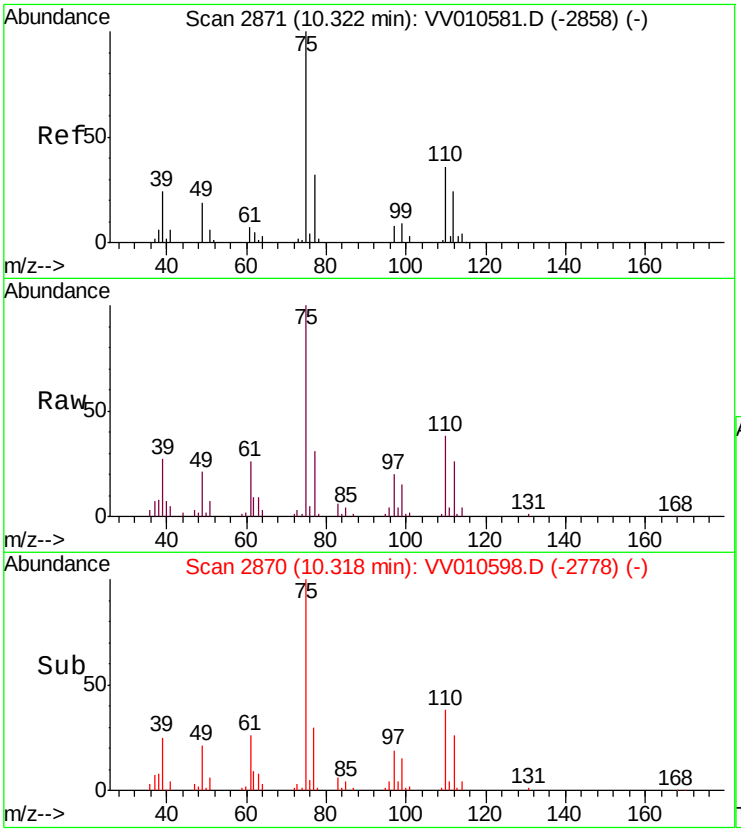


#58
1,1,2,2-Tetrachloroethane
Concen: 5.419 ug/L
RT: 10.29 min Scan# 2860
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Tgt Ion: 83 Resp: 58841

Ion	Ratio	Lower	Upper
83	100		
85	64.2	46.3	85.9
131	10.3	7.8	11.8



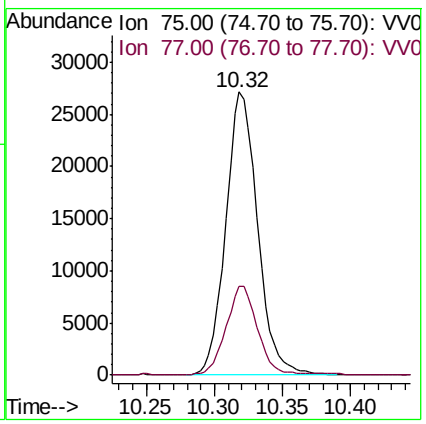


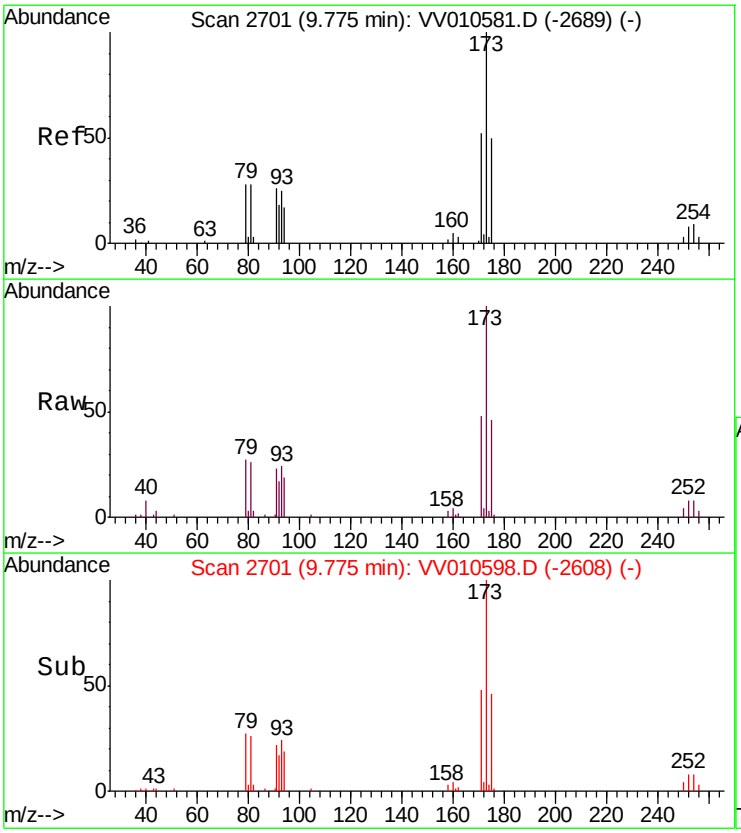
#59
1,2,3-Trichloropropane
Concen: 5.567 ug/L
RT: 10.32 min Scan# 2870
Delta R.T. -0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Instrument :
MSVOA_V
ClientSampleId :
VSTD00554

Tgt Ion: 75 Resp: 44041

Ion	Ratio	Lower	Upper
75	100		
77	31.2	26.2	39.2

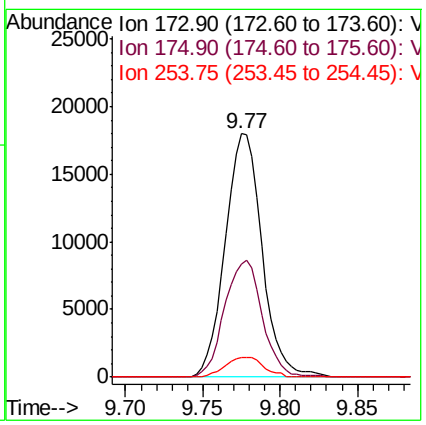


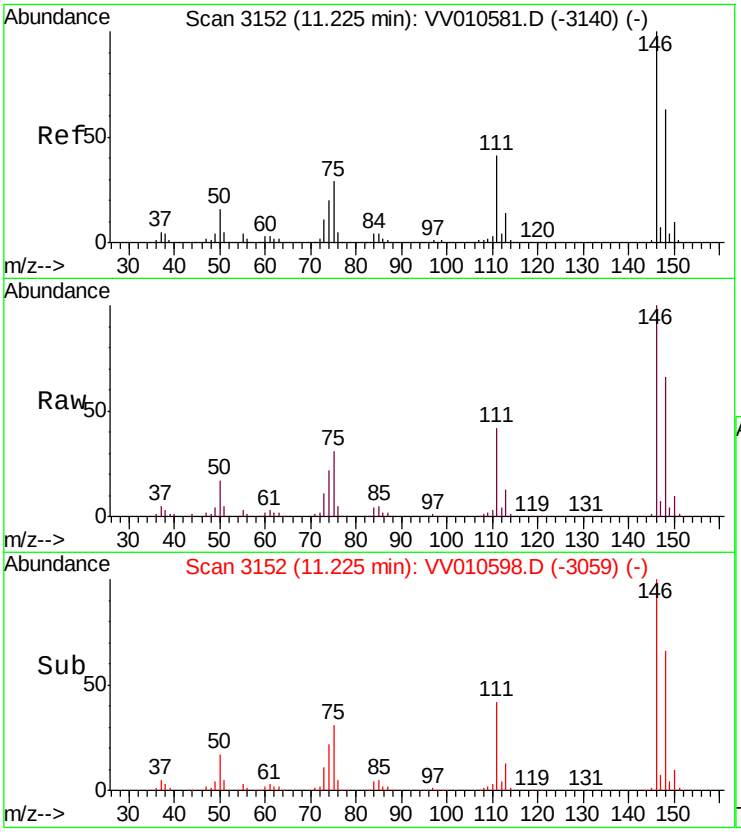


#61
Bromoform
Concen: 5.802 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Tgt Ion:173 Resp: 29665

Ion	Ratio	Lower	Upper
173	100		
175	48.8	40.6	60.8
254	8.3	7.3	10.9



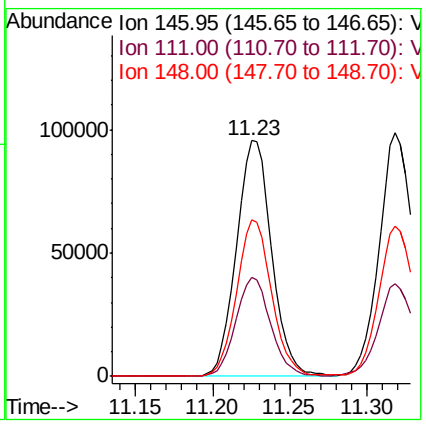


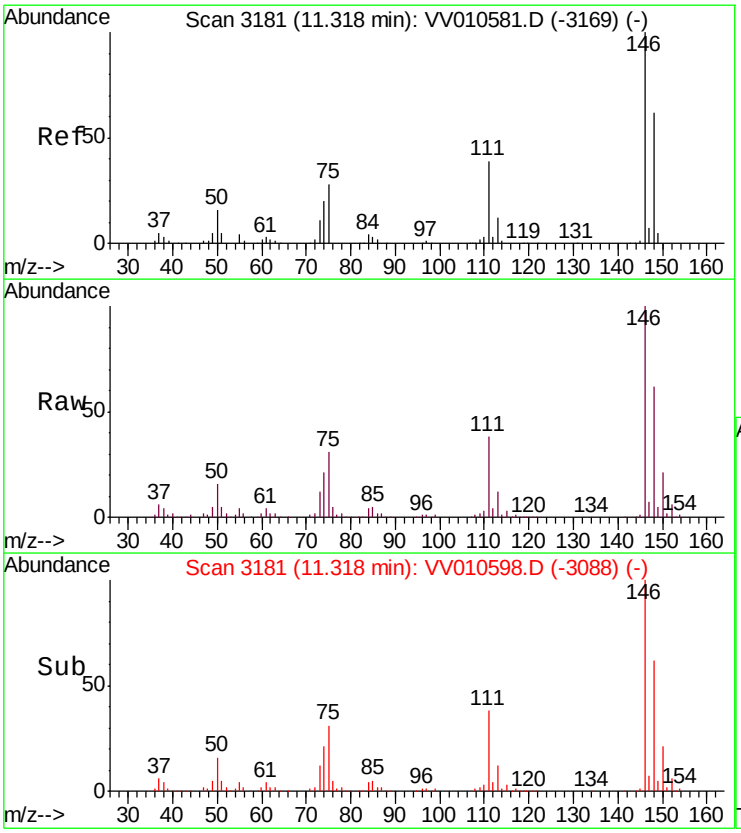
#62
1,3-Dichlorobenzene
Concen: 5.453 ug/L
RT: 11.23 min Scan# 3152
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Instrument :
MSVOA_V
ClientSampleId :
VSTD00554

Tgt Ion:146 Resp: 151572

Ion	Ratio	Lower	Upper
146	100		
111	41.9	27.6	51.4
148	66.3	43.0	80.0

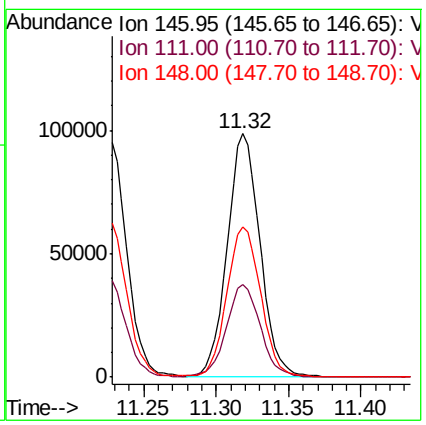


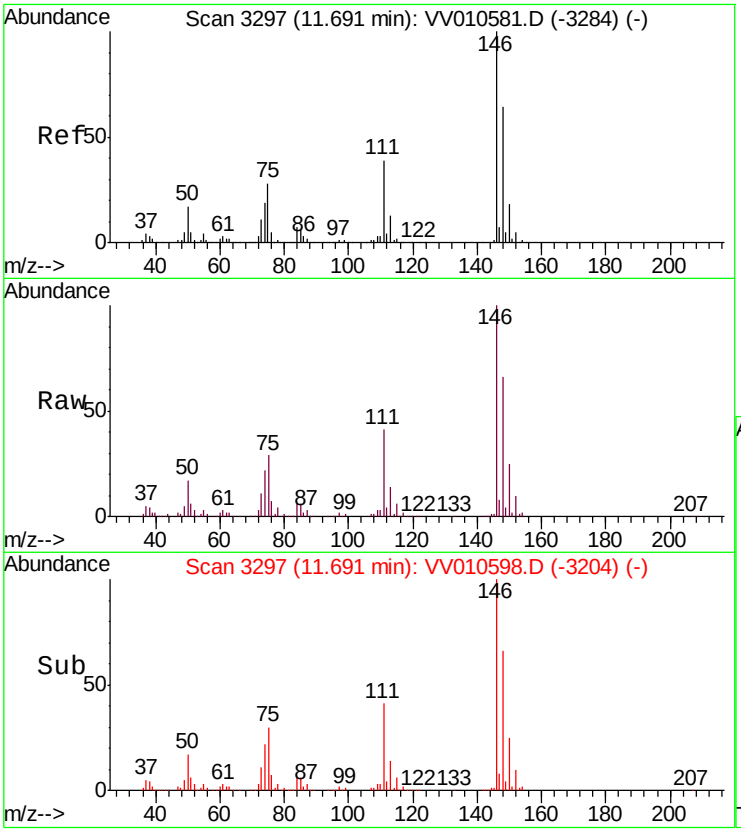


#63
1,4-Dichlorobenzene
Concen: 5.492 ug/L
RT: 11.32 min Scan# 3181
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Tgt Ion:146 Resp: 154251

Ion	Ratio	Lower	Upper
146	100		
111	37.8	27.4	50.8
148	61.6	43.3	80.3



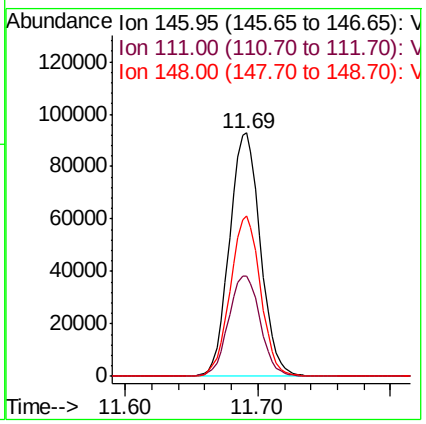


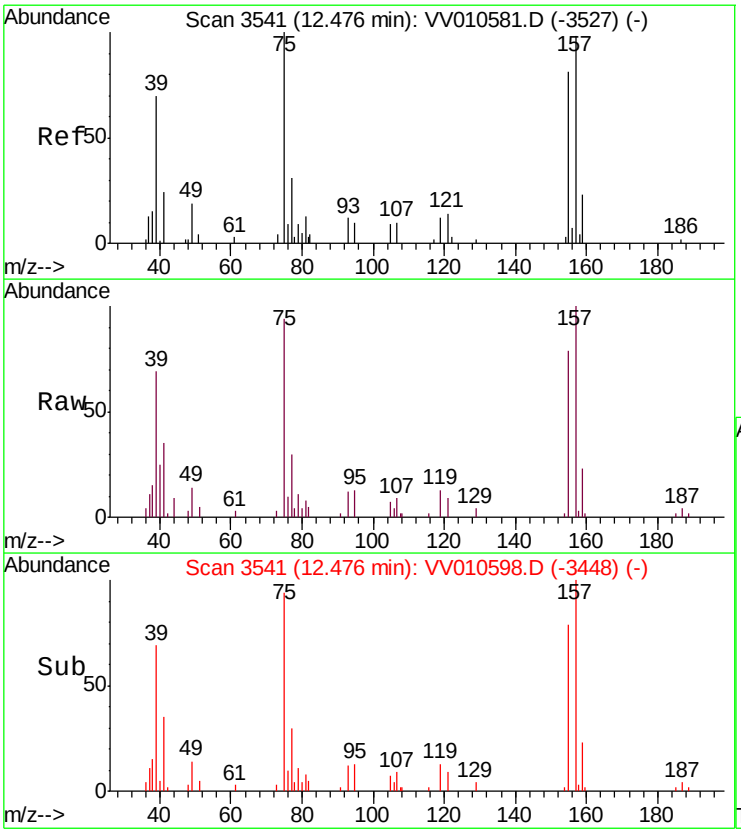
#65
1,2-Dichlorobenzene
Concen: 5.710 ug/L
RT: 11.69 min Scan# 3297
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Instrument :
MSVOA_V
ClientSampleId :
VSTD00554

Tgt Ion:146 Resp: 150357

Ion	Ratio	Lower	Upper
146	100		
111	41.0	34.4	51.6
148	65.8	51.9	77.9

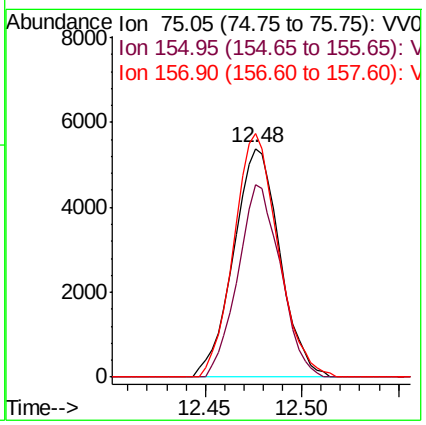


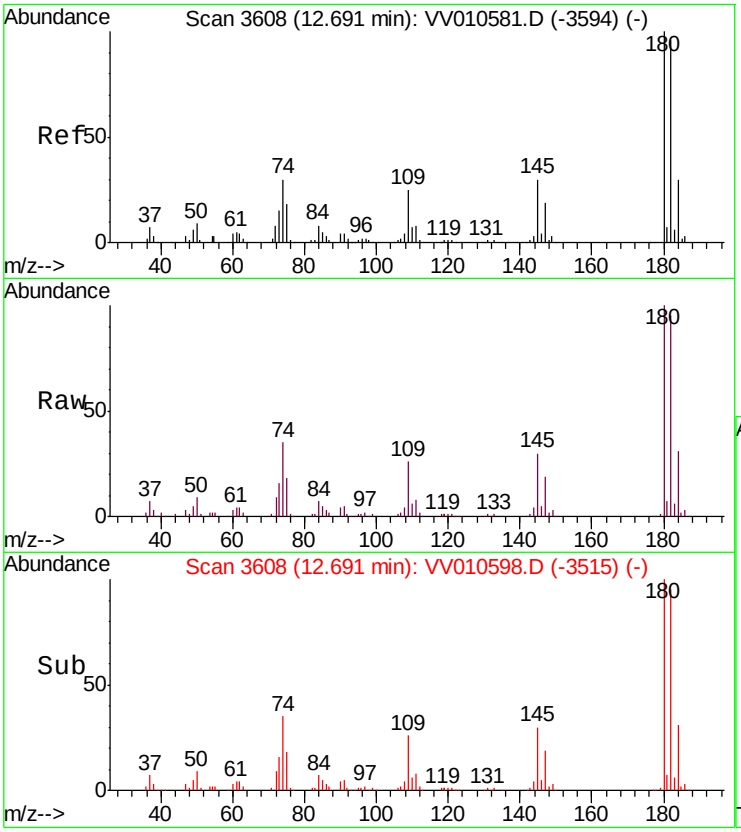


#66
1,2-Dibromo-3-chloropropane
Concen: 5.508 ug/L
RT: 12.48 min Scan# 3541
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Tgt Ion: 75 Resp: 8959

Ion	Ratio	Lower	Upper
75	100		
155	84.1	59.4	89.2
157	106.4	75.4	113.2



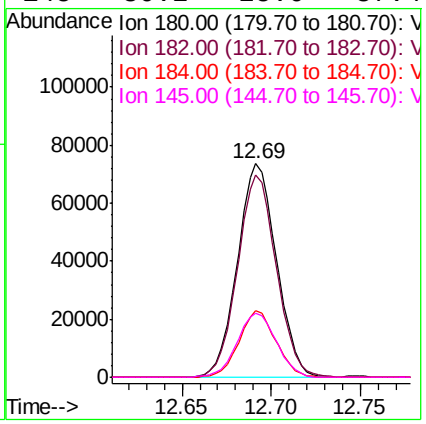


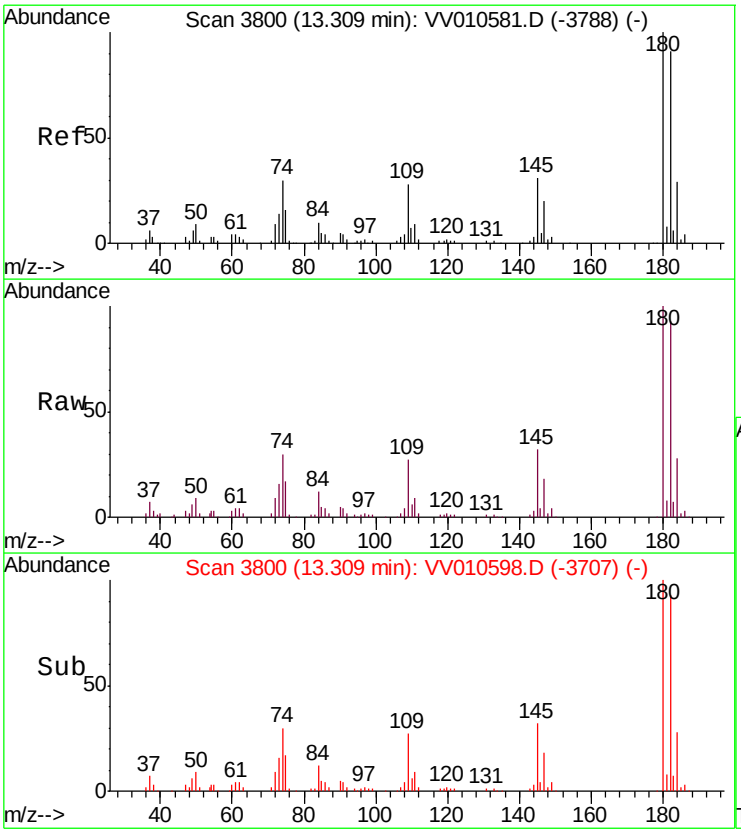
#67
1,3,5-Trichlorobenzene
Concen: 5.465 ug/L
RT: 12.69 min Scan# 3608
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Instrument :
MSVOA_V
ClientSampleId :
VSTD00554

Tgt Ion:180 Resp: 112402

Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.7	115.1
184	29.6	25.2	37.8
145	30.2	25.0	37.4

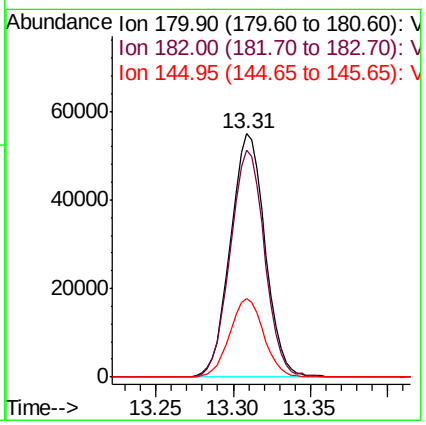


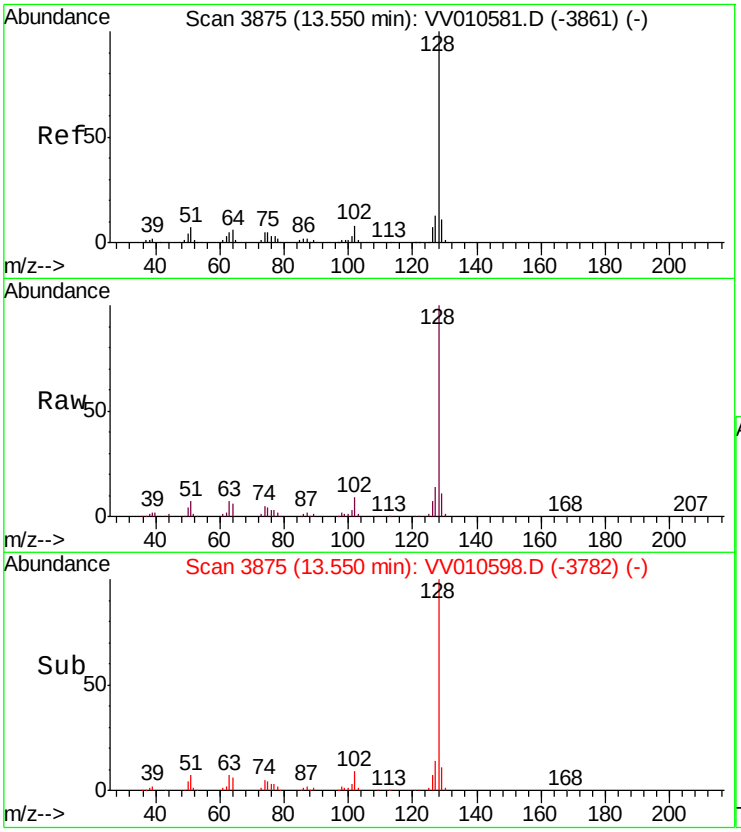


#68
1,2,4-trichlorobenzene
Concen: 5.423 ug/L
RT: 13.31 min Scan# 3800
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Tgt Ion:180 Resp: 85300

Ion	Ratio	Lower	Upper
180	100		
182	92.8	77.2	115.8
145	31.5	25.9	38.9



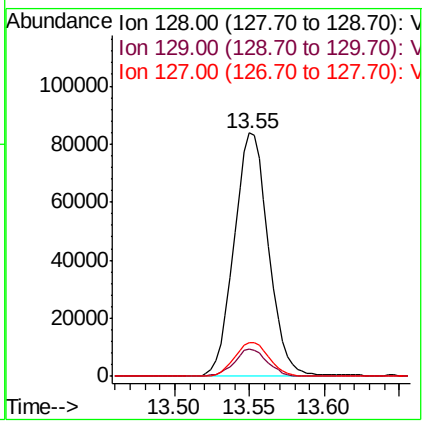


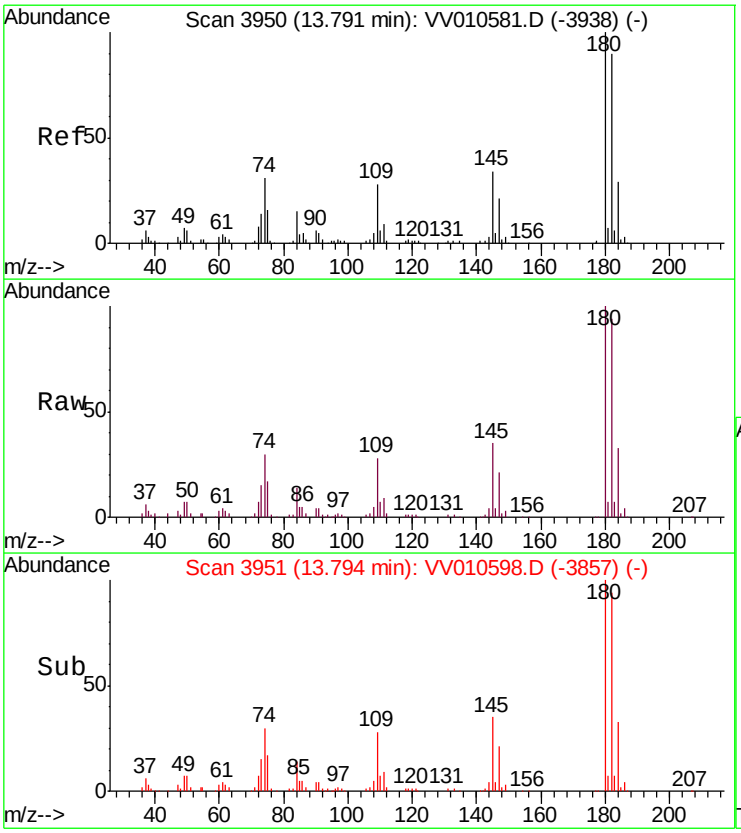
#69
Naphthalene
Concen: 5.329 ug/L
RT: 13.55 min Scan# 3875
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Instrument :
MSVOA_V
ClientSampleId :
VSTD00554

Tgt Ion:128 Resp: 134241

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.9	13.3
127	14.0	10.7	16.1





#70
1,2,3-Trichlorobenzene
Concen: 5.589 ug/L
RT: 13.79 min Scan# 3951
Delta R.T. 0.00 min
Lab File: VV010598.D
Acq: 01 May 2019 01:54

Tgt Ion:180 Resp: 80672

Ion	Ratio	Lower	Upper
180	100		
182	95.1	73.4	110.0
145	35.4	26.2	39.4