Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042920\
Data File : VV015802.D
Acq On : 29 Apr 2020 19:00
Operator : SY/MD
Sample : L2421-06DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFSA7DL

Quant Time: Apr 30 01:42:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 30 01:35:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	130351	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	126464	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	59506	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	38464	5.65	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 113.00%			
7) Chloroethane-d5	1.58	69	34238	5.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.40%			
11) 1,1-Dichloroethene-d2	2.12	63	55726	3.74	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.80%			
20) 2-Butanone-d5	3.91	46	93793	42.88	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 85.76%			
24) Chloroform-d	4.38	84	69279	4.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.20%			
26) 1,2-Dichloroethane-d4	5.06	65	40956	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.20%			
32) Benzene-d6	5.08	84	140395	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.00%			
36) 1,2-Dichloropropane-d6	6.09	67	43119	4.47	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.40%			
41) Toluene-d8	7.34	98	125331	4.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.40%			
43) trans-1,3-Dichloropropene-	7.64	79	14969	4.01	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.20%			
46) 2-Hexanone-d5	8.11	63	63311	34.81	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 69.62%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	28619	3.98	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 79.60%			
64) 1,2-Dichlorobenzene-d4	11.65	152	45645	4.51	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.20%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	901	0.093	ug/L	94
5) Vinyl chloride	1.32	62	1062	0.103	ug/L #	13
6) Bromomethane	1.53	94	507	0.114	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1185	0.145	ug/L #	64
12) 1,1-Dichloroethene	2.13	96	1186	0.156	ug/L #	1
14) Carbon disulfide	2.31	76	1419	0.066	ug/L #	89
16) Methylene chloride	2.53	84	1507	0.161	ug/L	94
17) Methyl tert-butyl Ether	2.79	73	3845	0.181	ug/L #	91
18) trans-1,2-Dichloroethene	2.78	96	1100	0.129	ug/L	92
19) 1,1-Dichloroethane	3.21	63	1219	0.073	ug/L #	82
22) cis-1,2-Dichloroethene	3.94	96	51019	5.432	ug/L	100
25) Chloroform	4.41	83	6178	0.349	ug/L	97
27) 1,2-Dichloroethane	5.17	62	841	0.072	ug/L #	78
29) 1,1,1-Trichloroethane	4.64	97	1235	0.077	ug/L	94
33) Benzene	5.13	78	2614	0.072	ug/L	100
34) Trichloroethene	5.94	95	97432	9.764	ug/L	98
38) Bromodichloromethane	6.54	83	605	0.052	ug/L #	78

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042920\
Data File : VV015802.D
Acq On : 29 Apr 2020 19:00
Operator : SY/MD
Sample : L2421-06DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFSA7DL

Quant Time: Apr 30 01:42:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 30 01:35:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	7.42	91	2832	0.073	ug/L		89
44) trans-1,3-Dichloropropene	7.65	75	660	0.061	ug/L	#	80
47) Tetrachloroethene	8.01	164	941	0.131	ug/L		85
48) 2-Hexanone	8.17	43	6074	1.429	ug/L	#	90
51) Chlorobenzene	8.90	112	2081	0.082	ug/L		96
63) 1,4-Dichlorobenzene	11.30	146	1366	0.072	ug/L		92
65) 1,2-Dichlorobenzene	11.67	146	1198	0.070	ug/L	#	82
67) 1,3,5-Trichlorobenzene	12.67	180	795	0.057	ug/L		95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042920\
Data File : VV015802.D
Acq On : 29 Apr 2020 19:00
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Misc : 25.0mL/MSVOA_V/WATER
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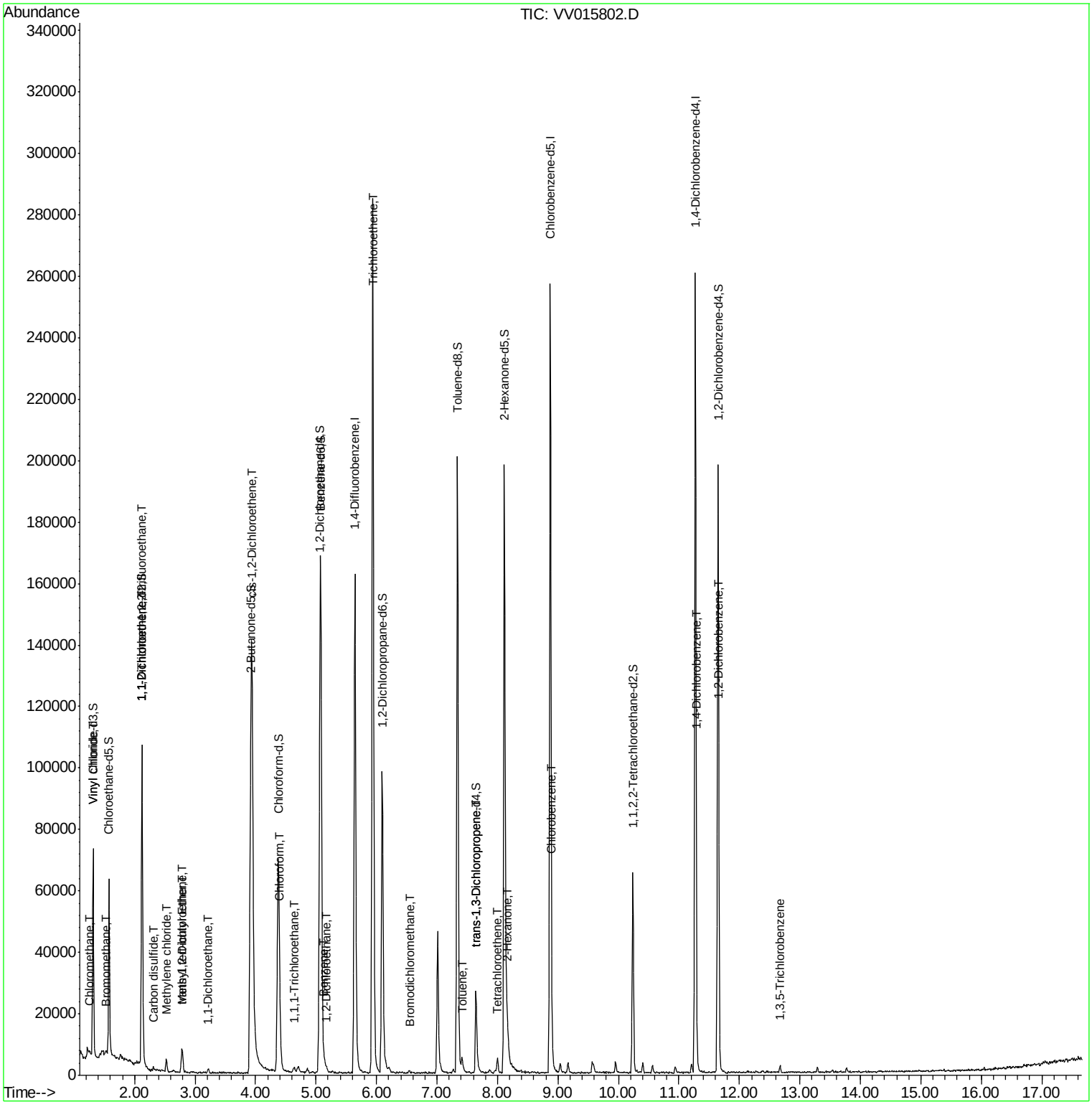
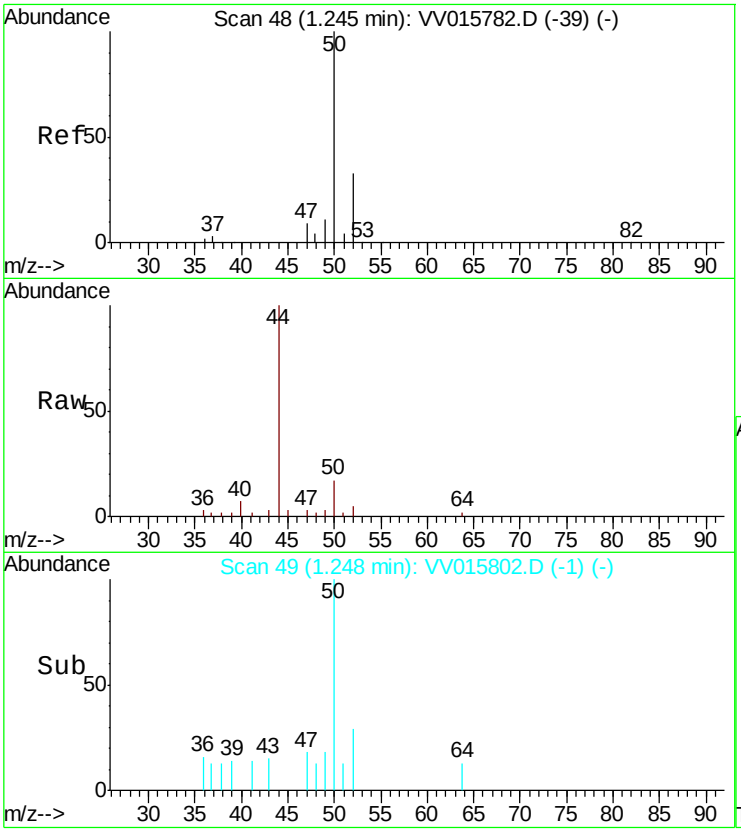
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 30 01:35:08 2020
Response via : Initial Calibration



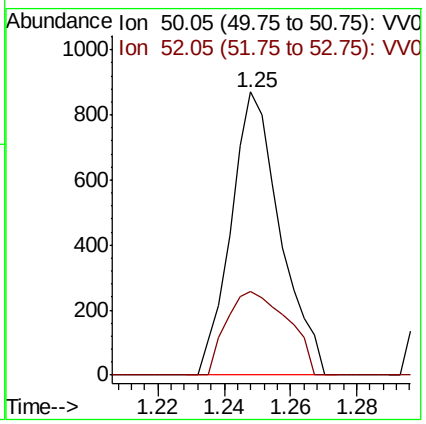


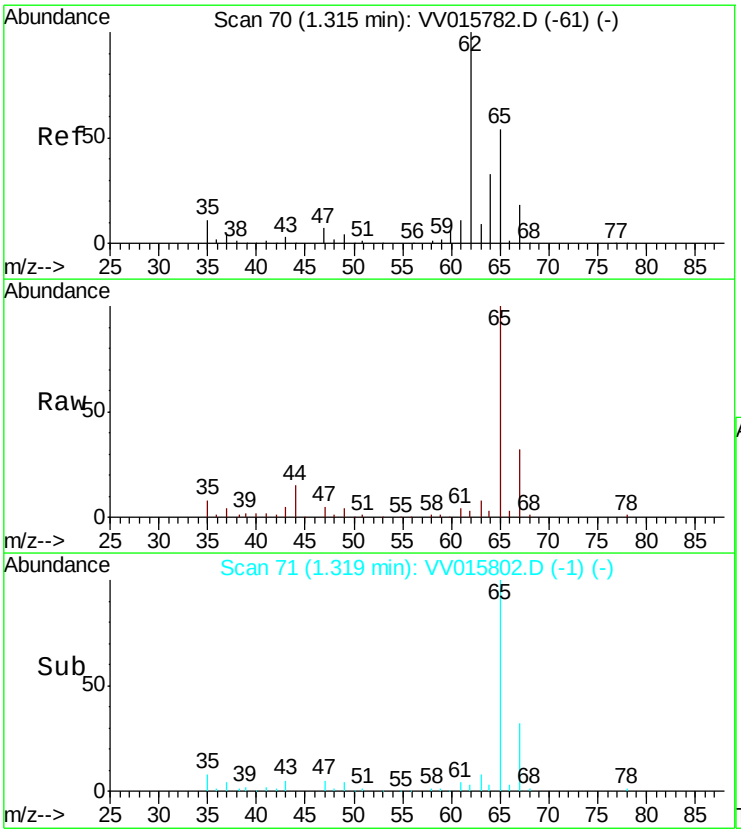
#3
Chloromethane
Concen: 0.093 ug/L
RT: 1.25 min Scan# 49
Delta R.T. 0.00 min
Lab File: VV015802.D
Acq: 29 Apr 2020 19:00

Instrument :
MSVOA_V
ClientSampleId :
BFSA7DL

Tgt Ion: 50 Resp: 901

Ion	Ratio	Lower	Upper
50	100		
52	29.4	22.9	42.5

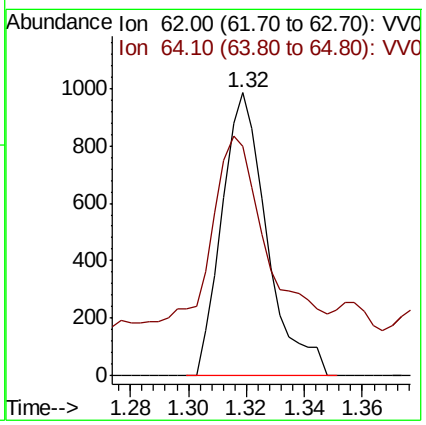


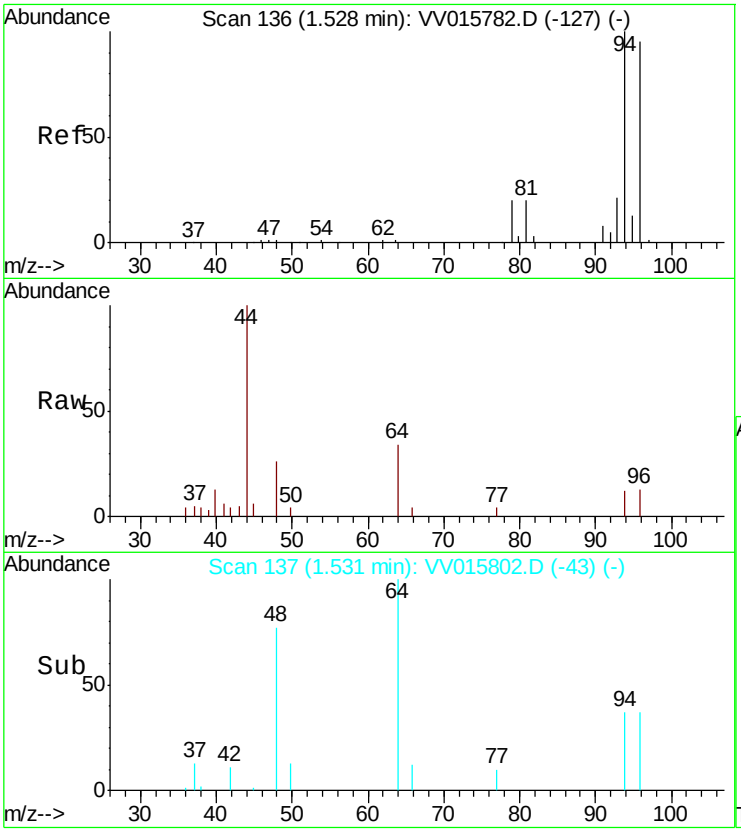


#5
Vinyl chloride
Concen: 0.103 ug/L
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VV015802.D
Acq: 29 Apr 2020 19:00

Tgt Ion: 62 Resp: 1062

Ion	Ratio	Lower	Upper
62	100		
64	81.3	22.7	42.1#



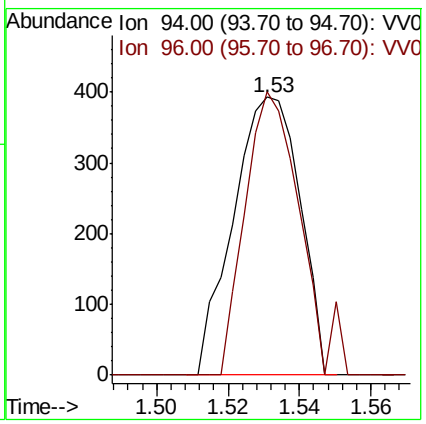


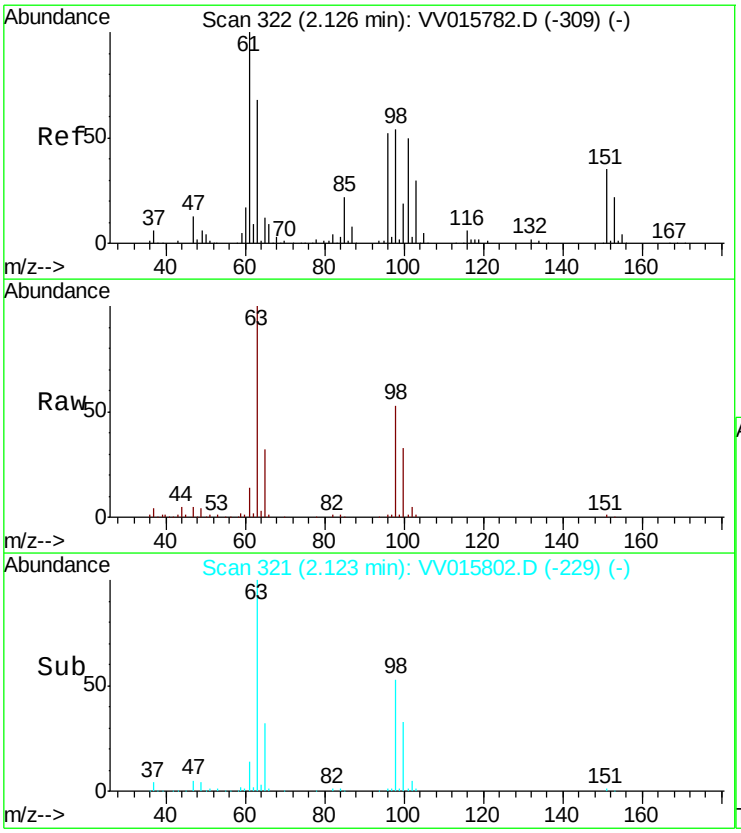
#6
Bromomethane
Concen: 0.114 ug/L
RT: 1.53 min Scan# 137
Delta R.T. 0.00 min
Lab File: VV015802.D
Acq: 29 Apr 2020 19:00

Instrument :
MSVOA_V
ClientSampleId :
BFSA7DL

Tgt Ion: 94 Resp: 507

Ion	Ratio	Lower	Upper
94	100		
96	101.8	67.3	125.1

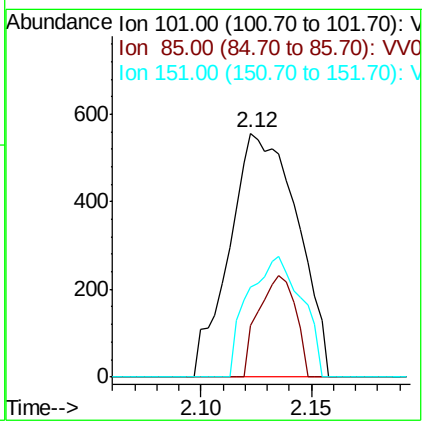


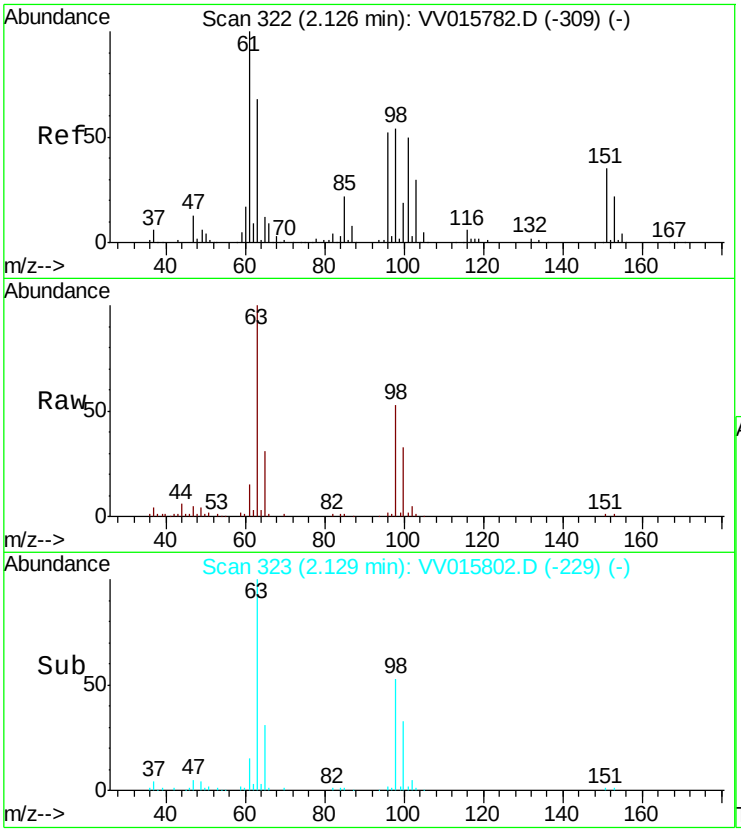


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.145 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.00 min
Lab File: VV015802.D
Acq: 29 Apr 2020 19:00

Tgt Ion:101 Resp: 1185

Ion	Ratio	Lower	Upper
101	100		
85	22.6	36.1	54.1#
151	38.9	55.2	82.8#



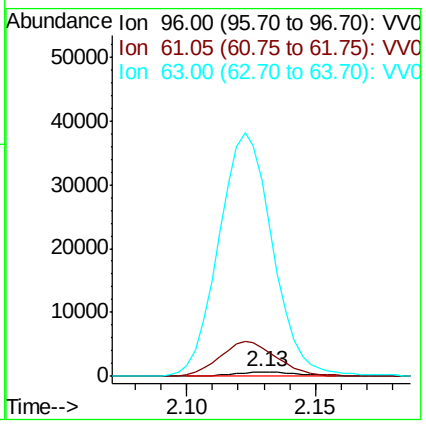


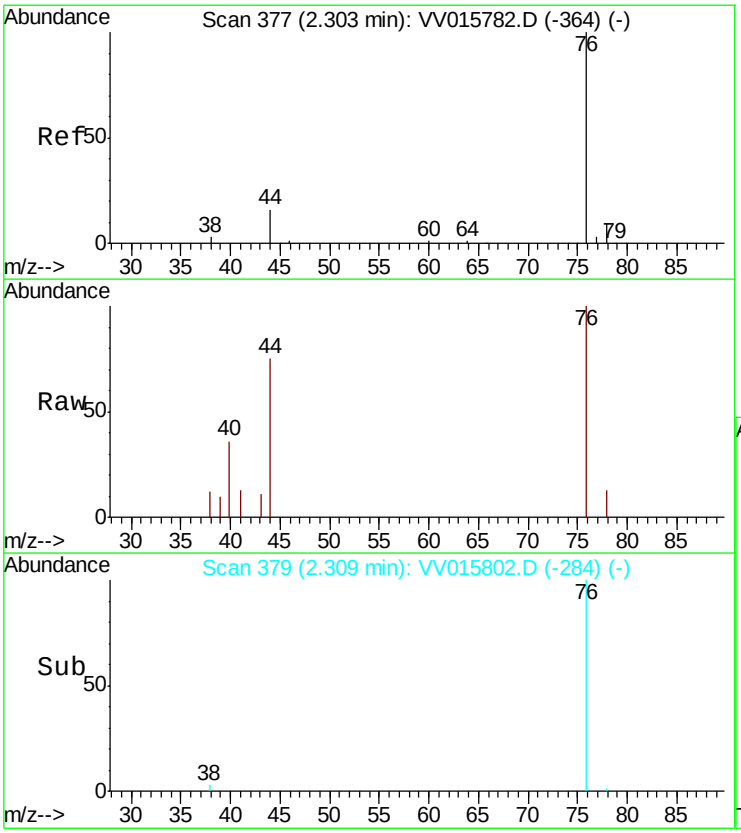
#12
1,1-Dichloroethene
Concen: 0.156 ug/L
RT: 2.13 min Scan# 323
Delta R.T. 0.00 min
Lab File: VV015802.D
Acq: 29 Apr 2020 19:00

Instrument :
MSVOA_V
ClientSampleId :
BFSA7DL

Tgt Ion: 96 Resp: 1186

Ion	Ratio	Lower	Upper
96	100		
61	628.8	130.1	241.7#
63	4292.7	91.4	169.8#

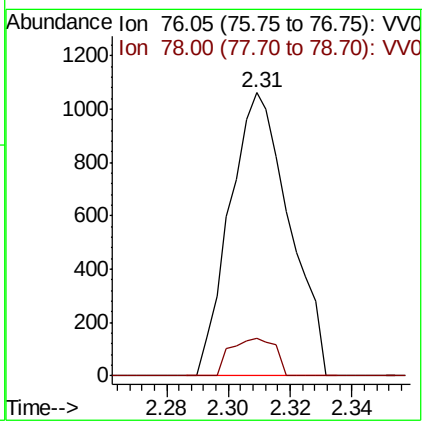


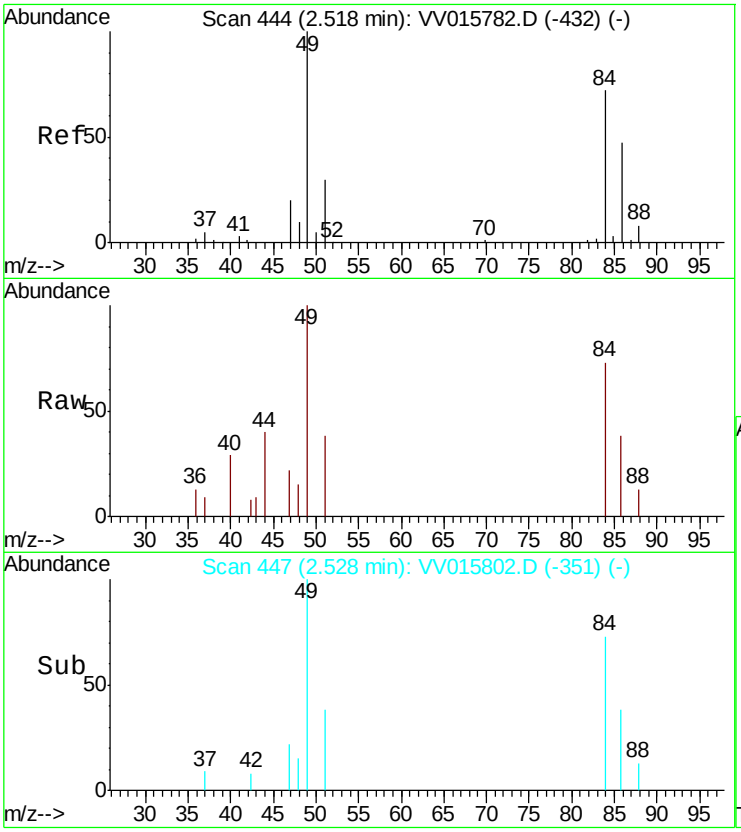


#14
Carbon disulfide
Concen: 0.066 ug/L
RT: 2.31 min Scan# 379
Delta R.T. 0.01 min
Lab File: VV015802.D
Acq: 29 Apr 2020 19:00

Tgt Ion: 76 Resp: 1419

Ion	Ratio	Lower	Upper
76	100		
78	13.3	7.4	11.0#



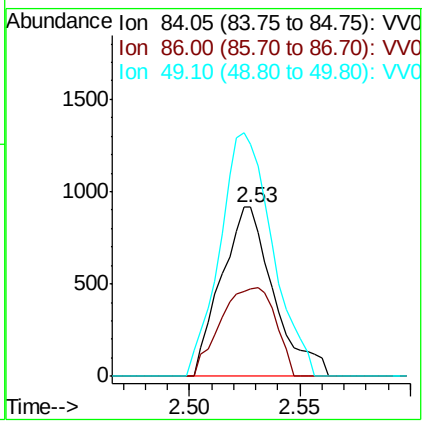


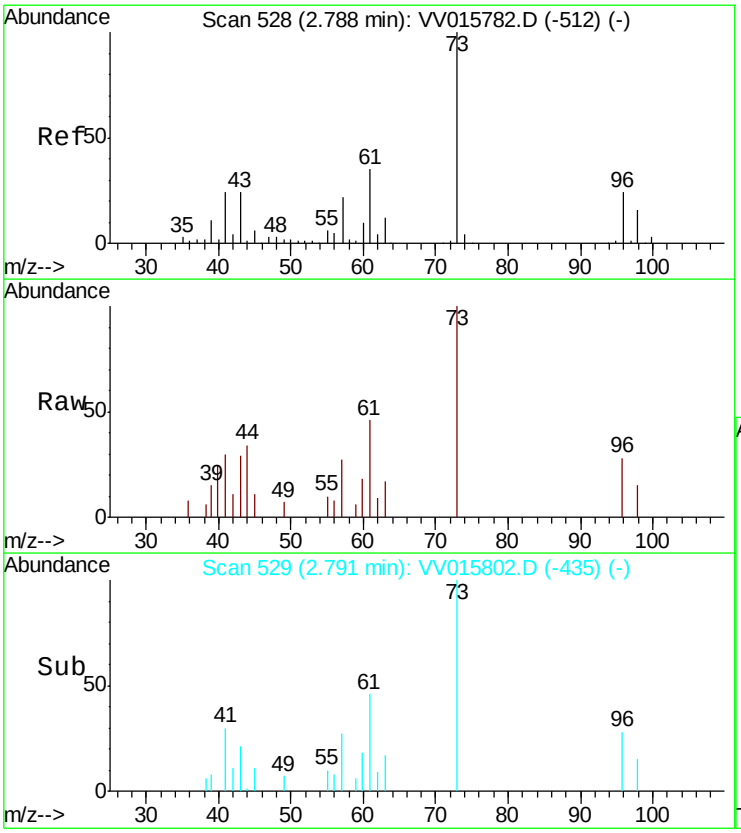
#16
Methylene chloride
Concen: 0.161 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.01 min
Lab File: VV015802.D
Acq: 29 Apr 2020 19:00

Instrument : MSVOA_V
ClientSampleId : BFSA7DL

Tgt Ion: 84 Resp: 1507

Ion	Ratio	Lower	Upper
84	100		
86	52.0	45.1	83.7
49	137.1	94.4	175.4

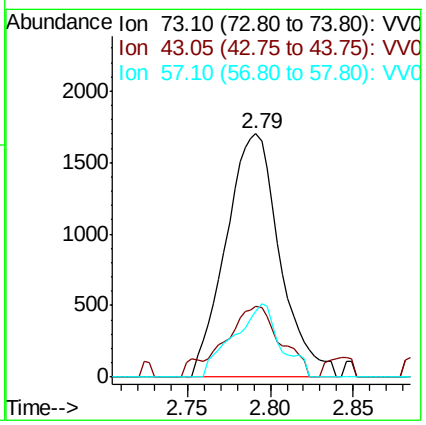


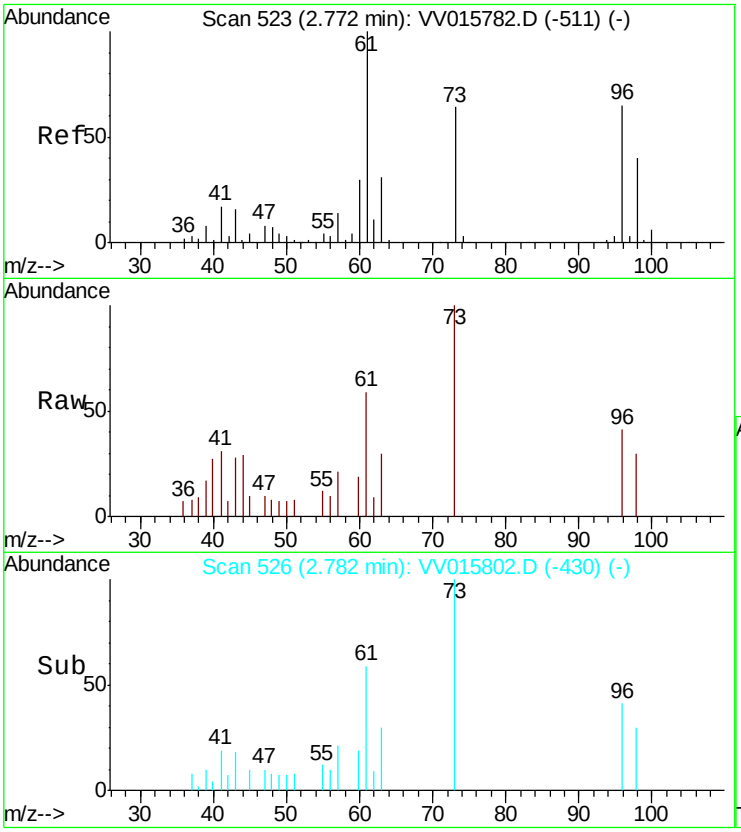


#17
Methyl tert-butyl Ether
Concen: 0.181 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV015802.D
Acq: 29 Apr 2020 19:00

Tgt Ion: 73 Resp: 3845

Ion	Ratio	Lower	Upper
73	100		
43	30.6	20.1	30.1#
57	26.1	17.8	26.8



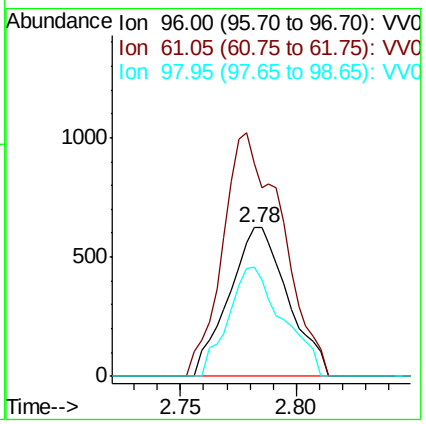


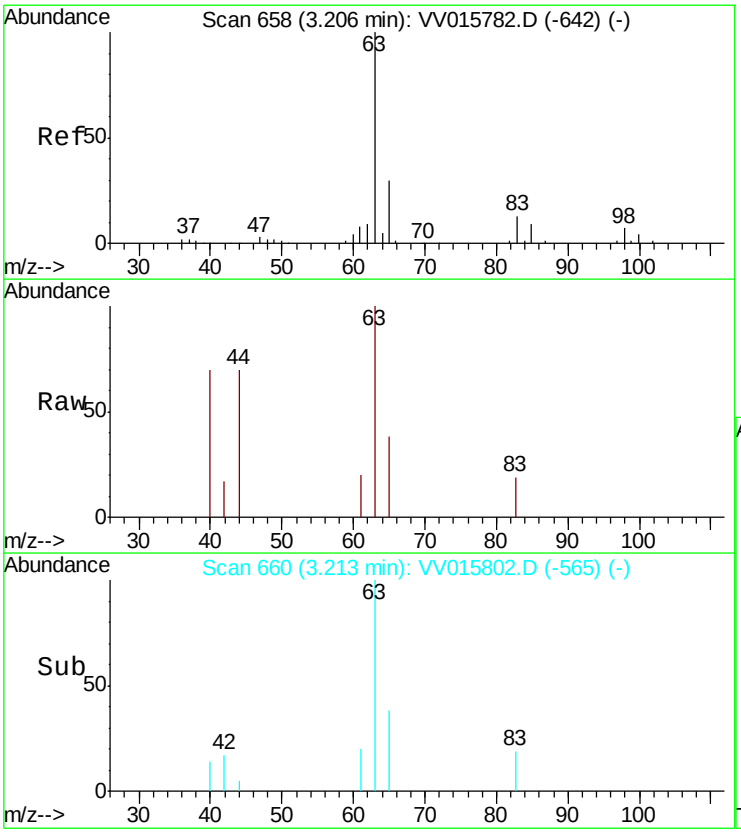
#18
trans-1,2-Dichloroethene
Concen: 0.129 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.01 min
Lab File: VV015802.D
Acq: 29 Apr 2020 19:00

Instrument : MSVOA_V
ClientSampleId : BFSA7DL

Tgt Ion: 96 Resp: 1100

Ion	Ratio	Lower	Upper
96	100		
61	143.5	105.5	195.9
98	73.5	44.2	82.0

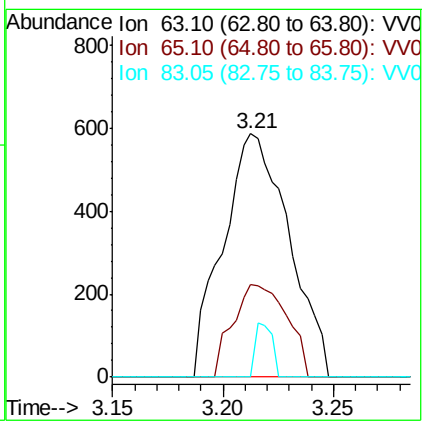


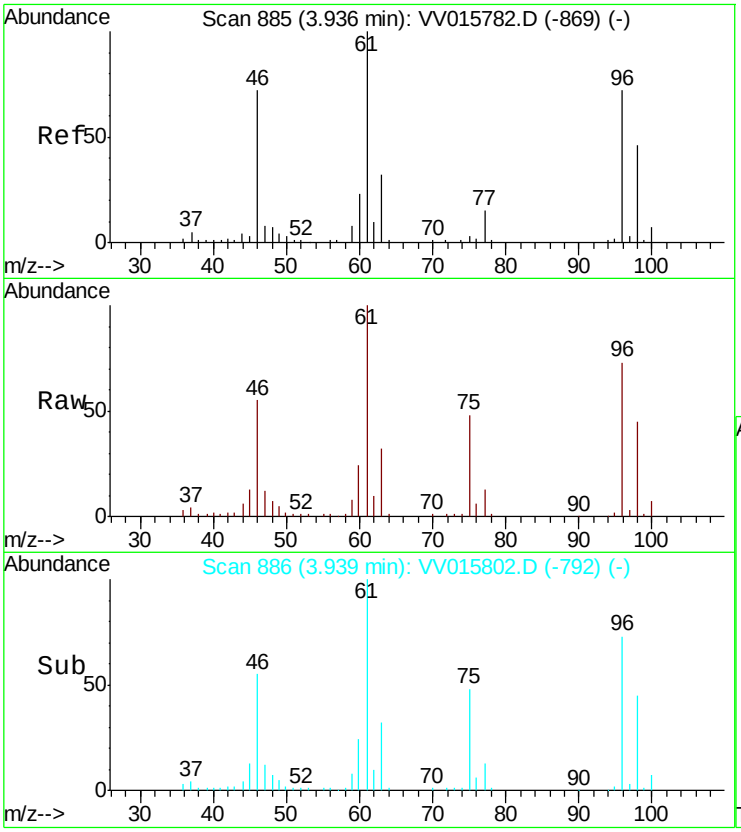


#19
1,1-Dichloroethane
Concen: 0.073 ug/L
RT: 3.21 min Scan# 660
Delta R.T. 0.01 min
Lab File: VV015802.D
Acq: 29 Apr 2020 19:00

Tgt Ion: 63 Resp: 1219

Ion	Ratio	Lower	Upper
63	100		
65	38.1	22.3	41.3
83	0.0	9.3	17.3#



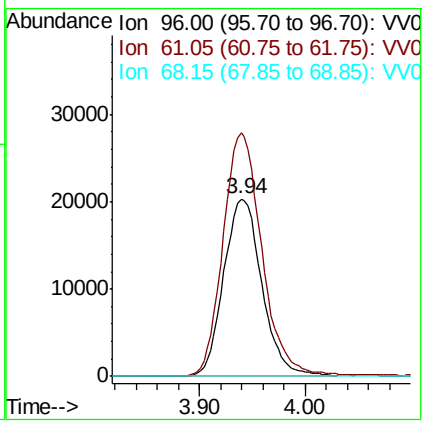


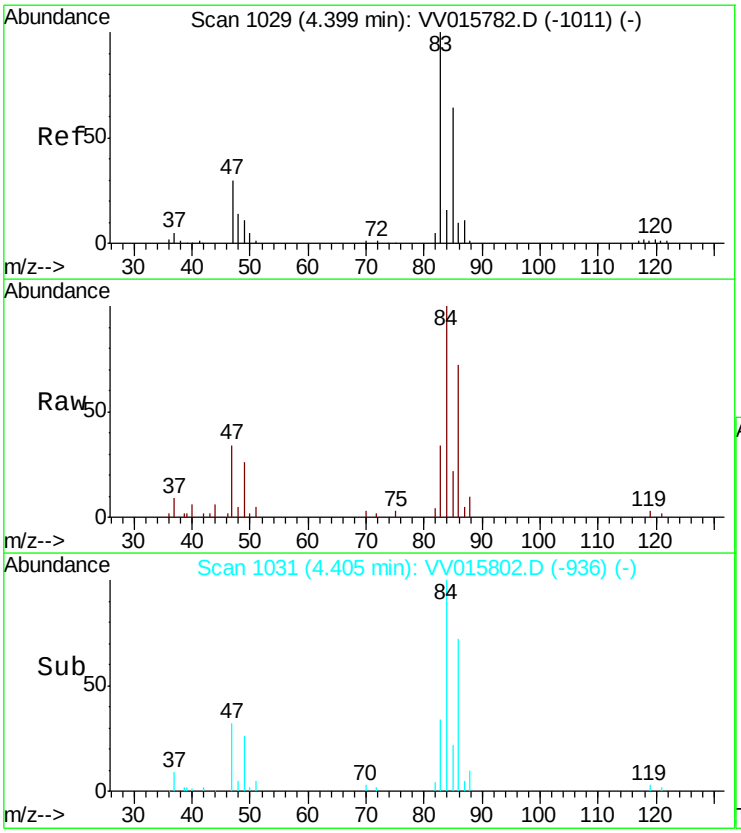
#22
cis-1,2-Dichloroethene
Concen: 5.432 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV015802.D
Acq: 29 Apr 2020 19:00

Instrument :
MSVOA_V
ClientSampleId :
BFSA7DL

Tgt Ion: 96 Resp: 51019

Ion	Ratio	Lower	Upper
96	100		
61	137.3	96.4	179.0
68	0.0	0.0	0.0

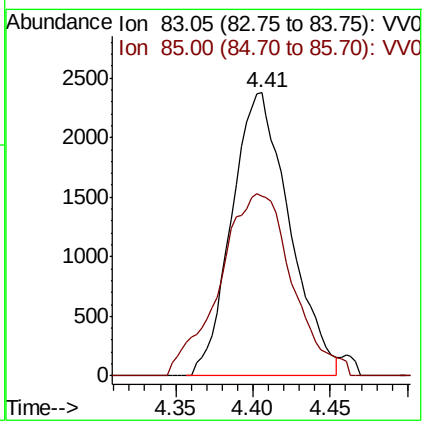


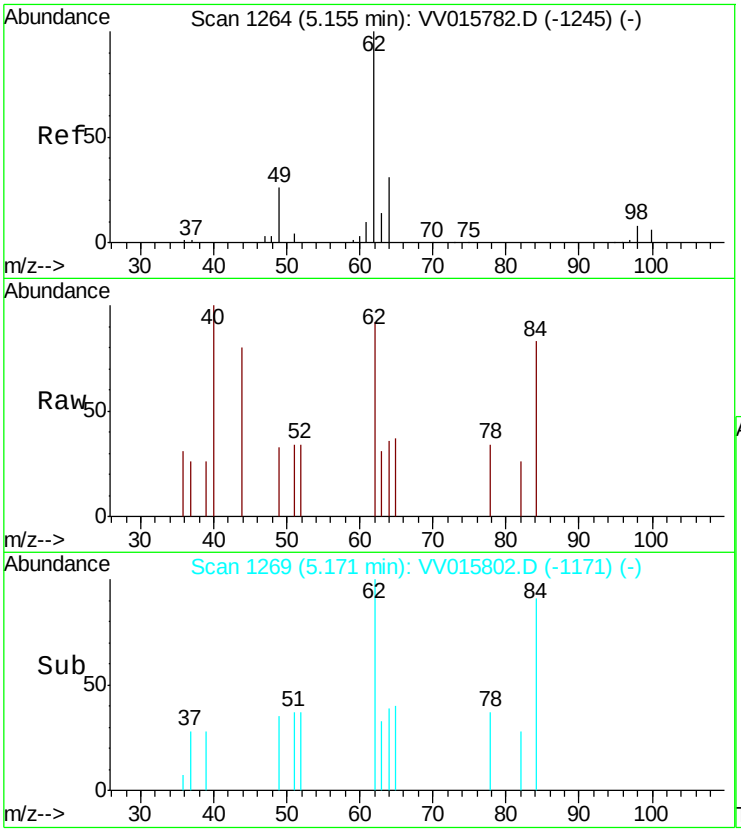


#25
Chloroform
Concen: 0.349 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV015802.D
Acq: 29 Apr 2020 19:00

Tgt Ion: 83 Resp: 6178

Ion	Ratio	Lower	Upper
83	100		
85	63.4	46.1	85.5



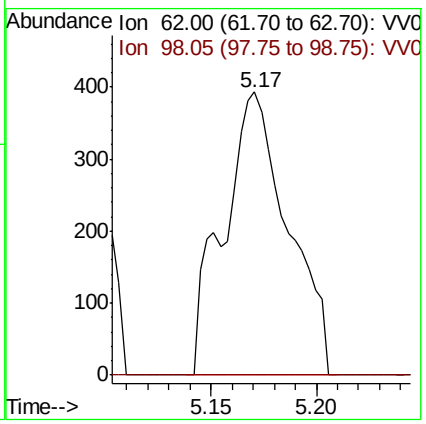


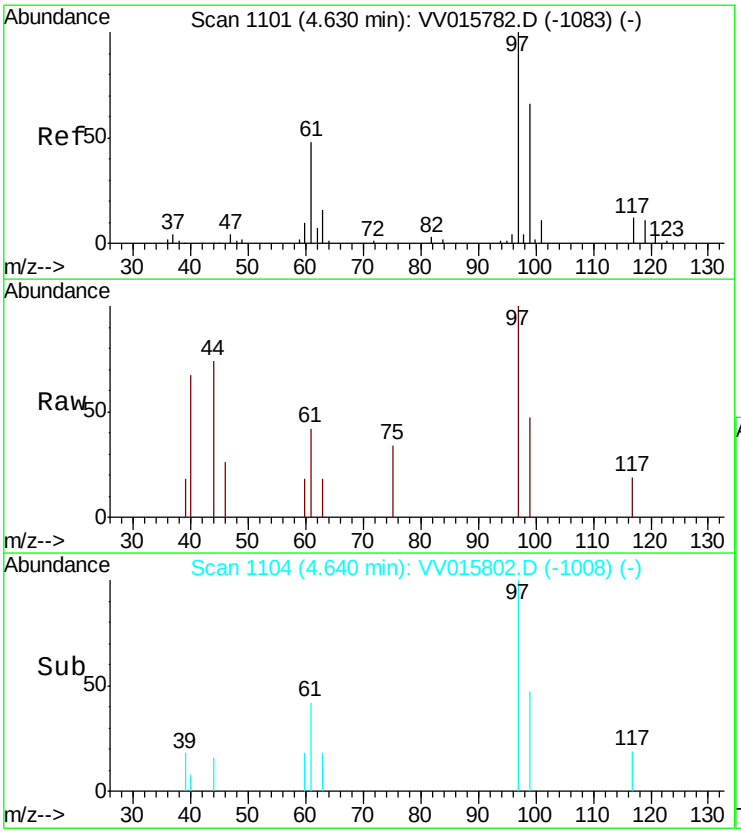
#27
1,2-Dichloroethane
Concen: 0.072 ug/L
RT: 5.17 min Scan# 1269
Delta R.T. 0.02 min
Lab File: VV015802.D
Acq: 29 Apr 2020 19:00

Instrument : MSVOA_V
ClientSampleId : BFSA7DL

Tgt Ion: 62 Resp: 841

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.3	9.5#

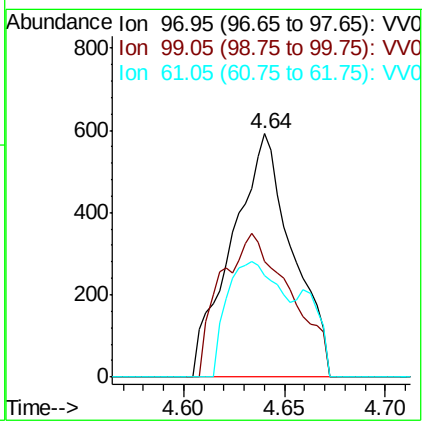


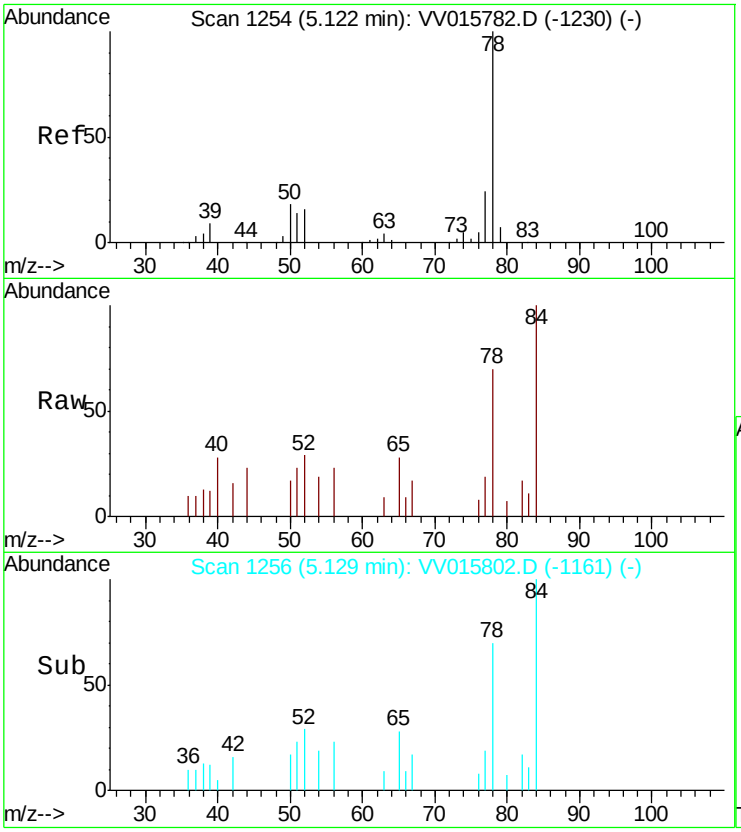


#29
1,1,1-Trichloroethane
Concen: 0.077 ug/L
RT: 4.64 min Scan# 1104
Delta R.T. 0.01 min
Lab File: VV015802.D
Acq: 29 Apr 2020 19:00

Tgt Ion: 97 Resp: 1235

Ion	Ratio	Lower	Upper
97	100		
99	67.6	51.6	77.4
61	42.8	38.6	57.8

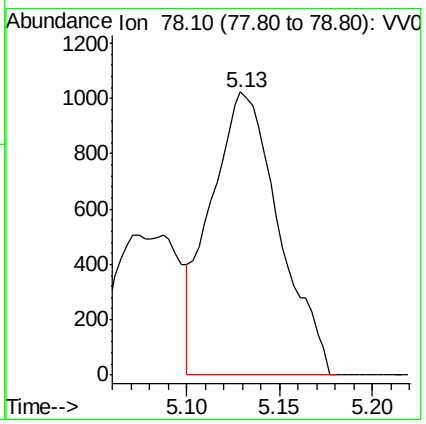


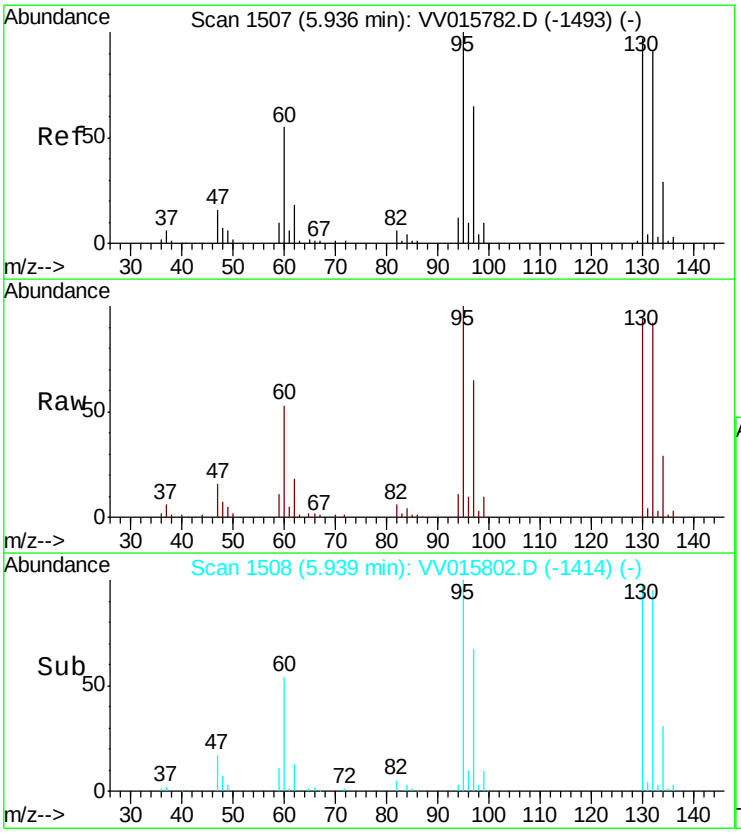


#33
Benzene
Concen: 0.072 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.01 min
Lab File: VV015802.D
Acq: 29 Apr 2020 19:00

Instrument :
MSVOA_V
ClientSampleId :
BFSA7DL

Tgt Ion: 78 Resp: 2614

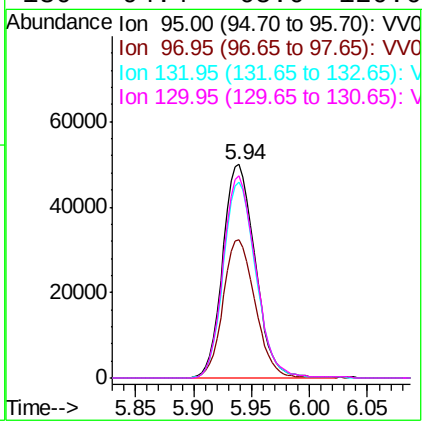


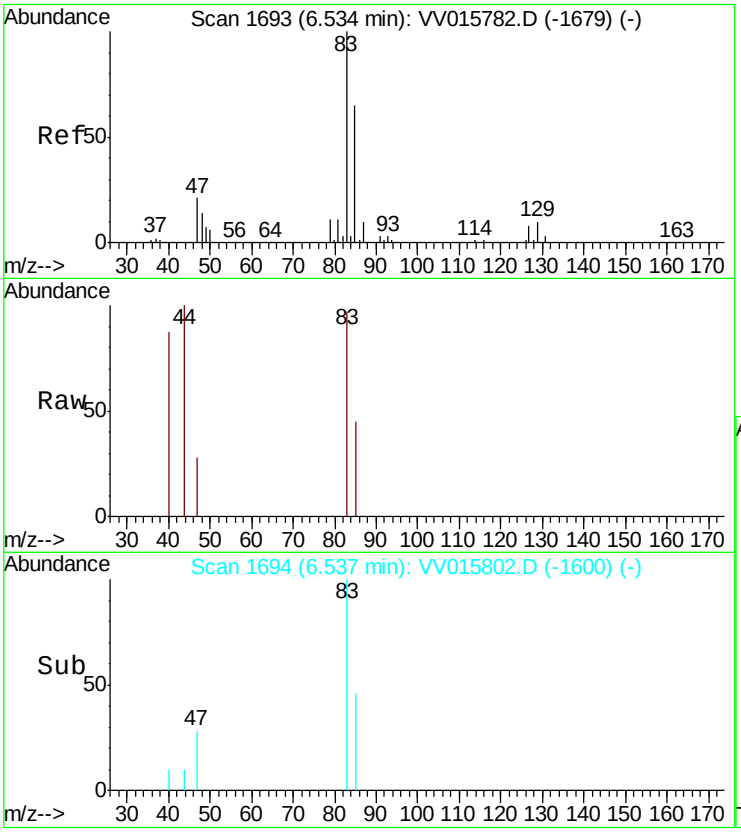


#34
Trichloroethene
Concen: 9.764 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV015802.D
Acq: 29 Apr 2020 19:00

Tgt Ion: 95 Resp: 97432

Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.7	82.9
132	91.7	65.2	121.0
130	94.4	65.0	120.6



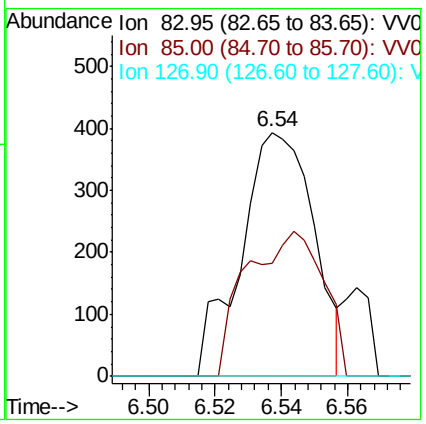


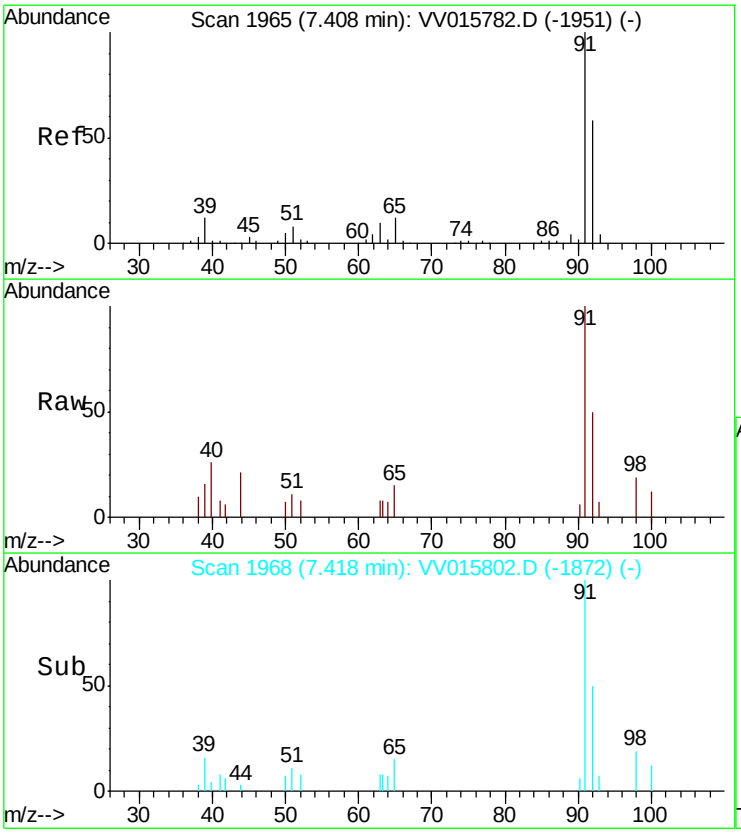
#38
Bromodichloromethane
Concen: 0.052 ug/L
RT: 6.54 min Scan# 1694
Delta R.T. 0.00 min
Lab File: VV015802.D
Acq: 29 Apr 2020 19:00

Instrument : MSVOA_V
ClientSampleId : BFSA7DL

Tgt Ion: 83 Resp: 605

Ion	Ratio	Lower	Upper
83	100		
85	46.3	44.7	83.1
127	0.0	5.8	8.6#

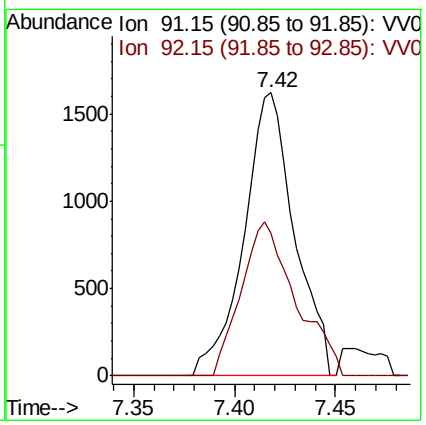


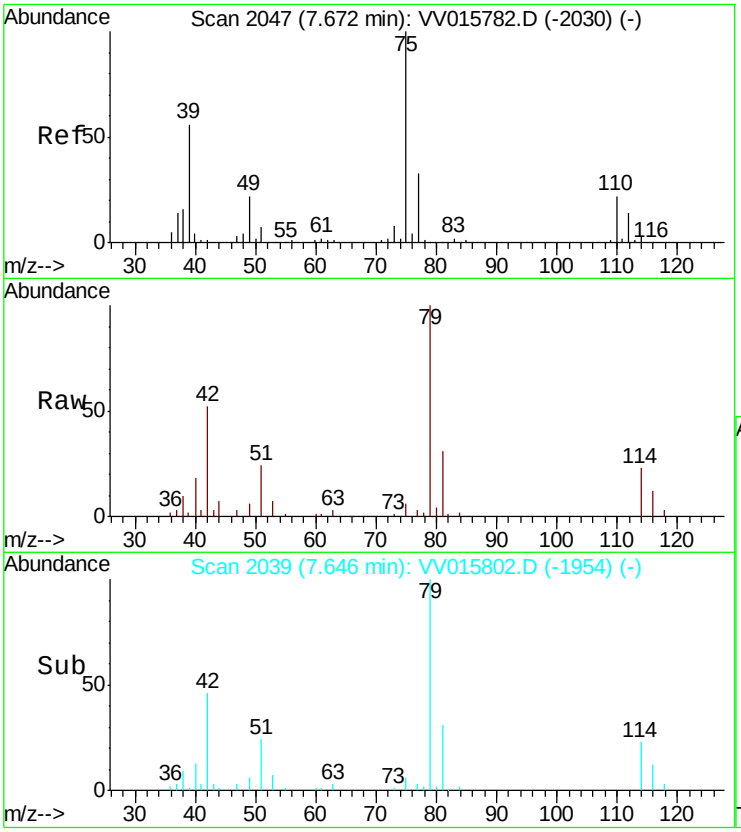


#42
Toluene
Concen: 0.073 ug/L
RT: 7.42 min Scan# 1968
Delta R.T. 0.01 min
Lab File: VV015802.D
Acq: 29 Apr 2020 19:00

Tgt Ion: 91 Resp: 2832

Ion	Ratio	Lower	Upper
91	100		
92	50.2	40.7	75.7



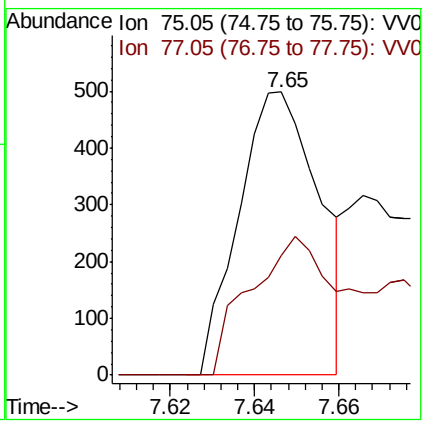


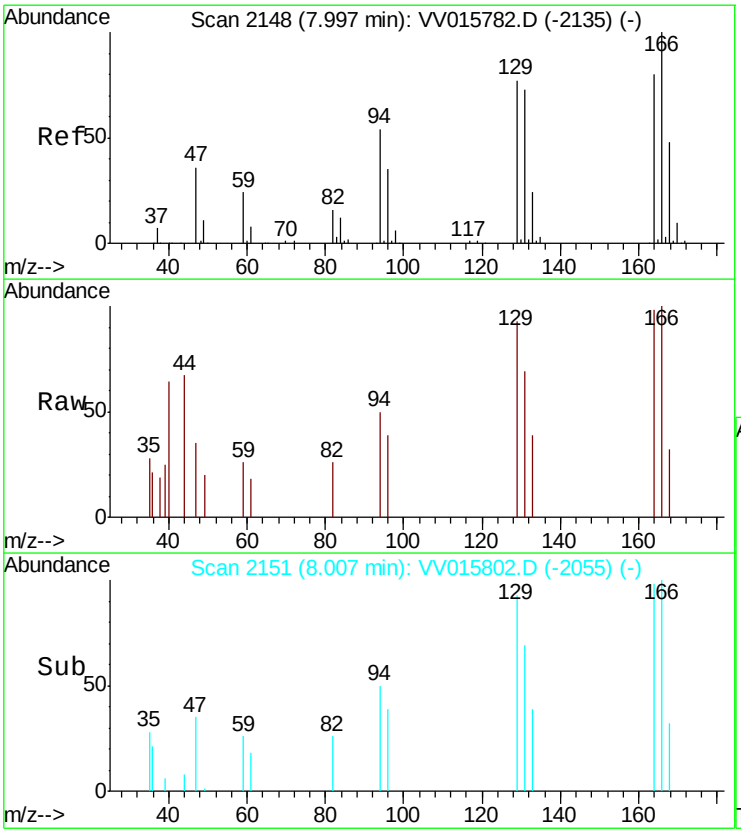
#44
trans-1,3-Dichloropropene
Concen: 0.061 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV015802.D
Acq: 29 Apr 2020 19:00

Instrument :
MSVOA_V
ClientSampleId :
BFSA7DL

Tgt Ion: 75 Resp: 660

Ion	Ratio	Lower	Upper
75	100		
77	42.4	21.8	40.6#

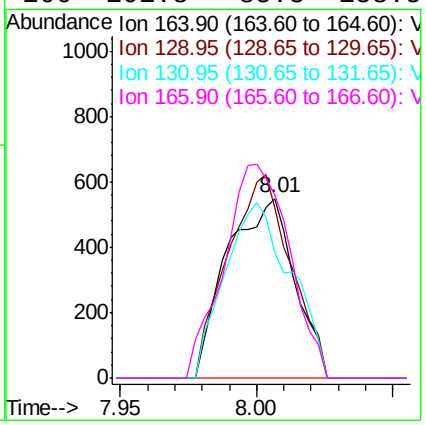


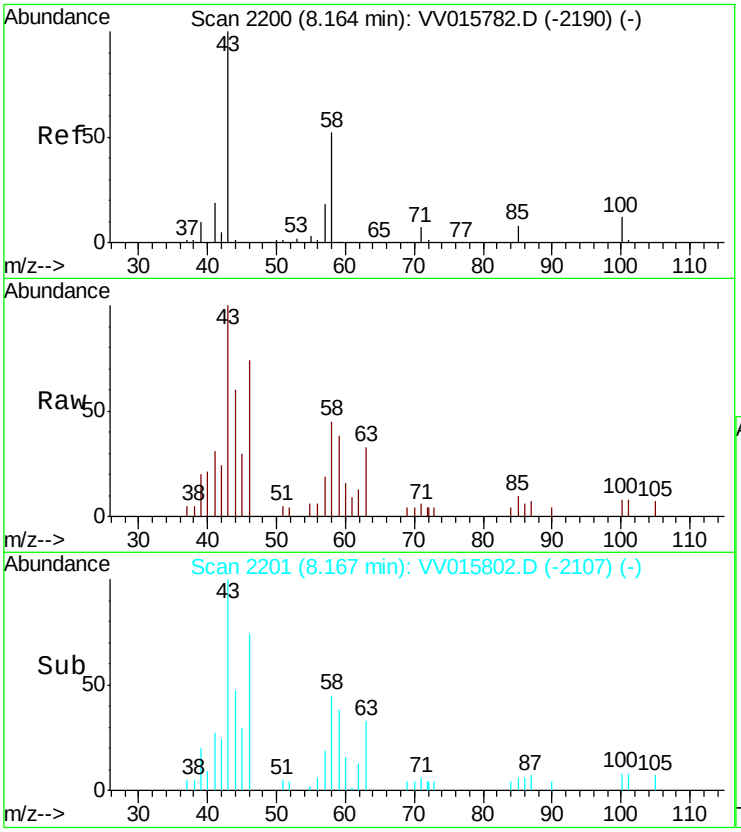


#47
Tetrachloroethene
Concen: 0.131 ug/L
RT: 8.01 min Scan# 2151
Delta R.T. 0.01 min
Lab File: VV015802.D
Acq: 29 Apr 2020 19:00

Tgt Ion:164 Resp: 941

Ion	Ratio	Lower	Upper
164	100		
129	94.7	66.7	123.9
131	70.1	66.6	123.6
166	101.8	85.3	158.5



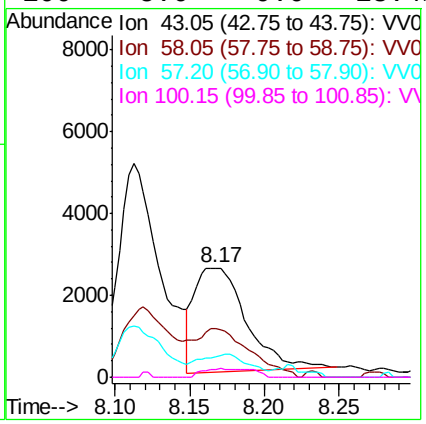


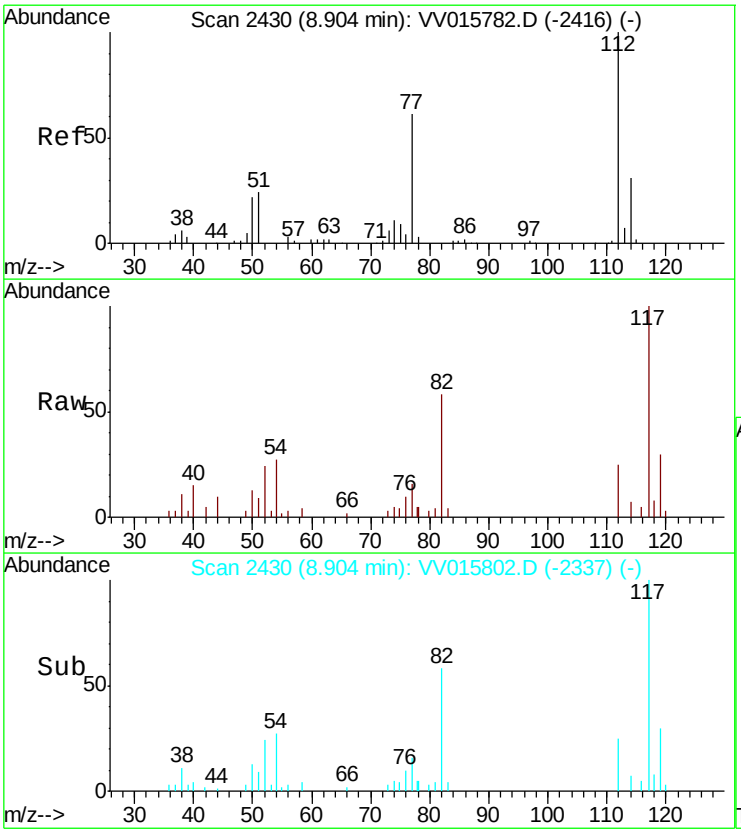
#48
2-Hexanone
Concen: 1.429 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.00 min
Lab File: VV015802.D
Acq: 29 Apr 2020 19:00

Instrument : MSVOA_V
ClientSampleId : BFSA7DL

Tgt Ion: 43 Resp: 6074

Ion	Ratio	Lower	Upper
43	100		
58	43.3	41.1	61.7
57	17.7	15.0	22.4
100	5.6	9.0	13.4#

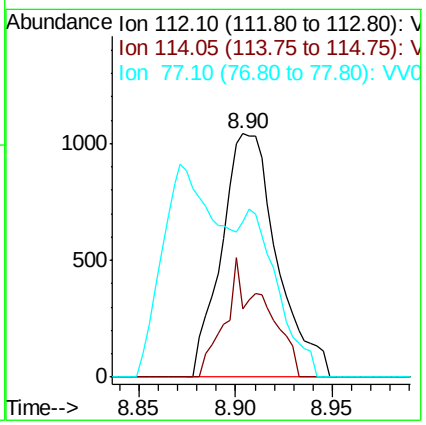


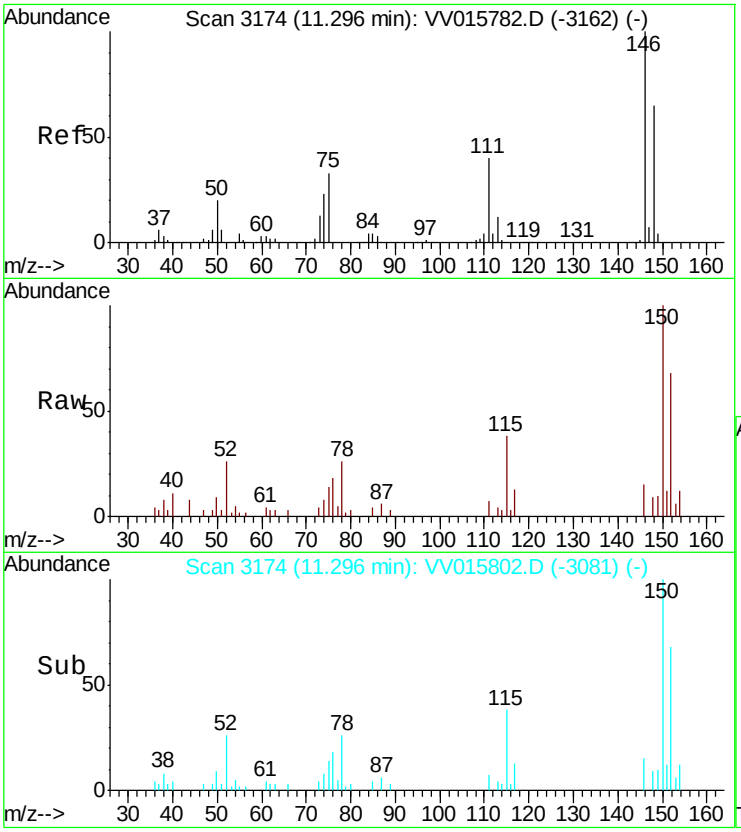


#51
Chlorobenzene
Concen: 0.082 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV015802.D
Acq: 29 Apr 2020 19:00

Tgt Ion:112 Resp: 2081

Ion	Ratio	Lower	Upper
112	100		
114	28.2	21.6	40.2
77	63.8	48.9	73.3



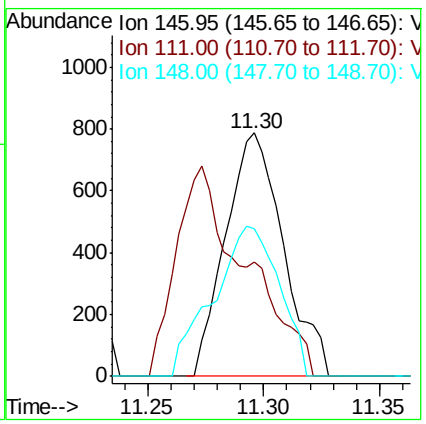


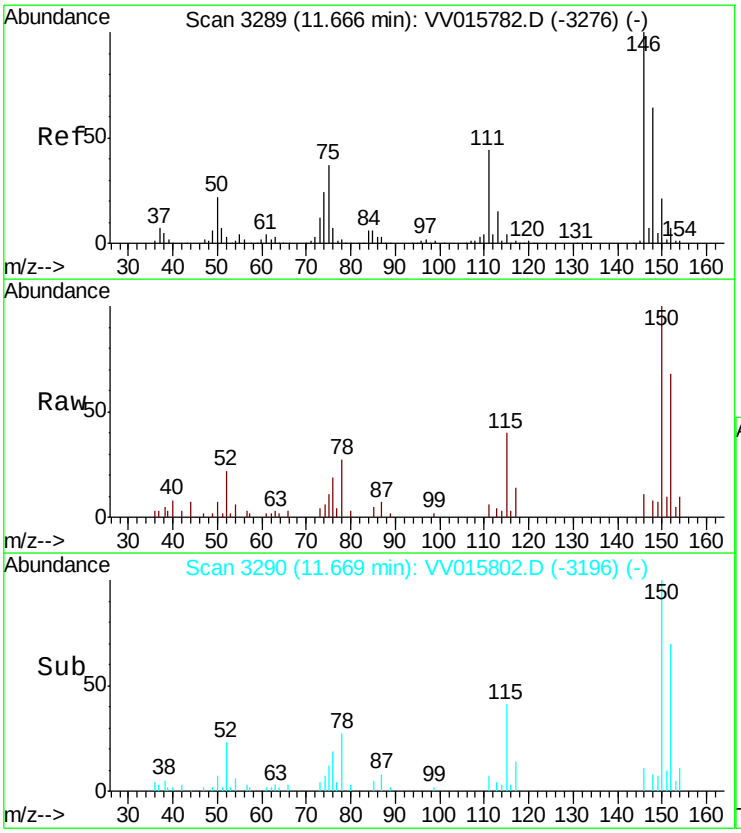
#63
1,4-Dichlorobenzene
Concen: 0.072 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.00 min
Lab File: VV015802.D
Acq: 29 Apr 2020 19:00

Instrument :
MSVOA_V
ClientSampleId :
BFSA7DL

Tgt Ion:146 Resp: 1366

Ion	Ratio	Lower	Upper
146	100		
111	47.0	28.2	52.4
148	60.7	45.7	84.9

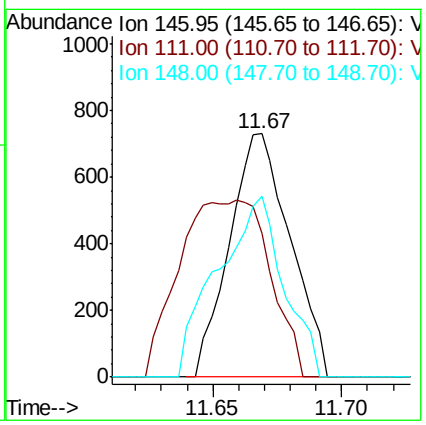


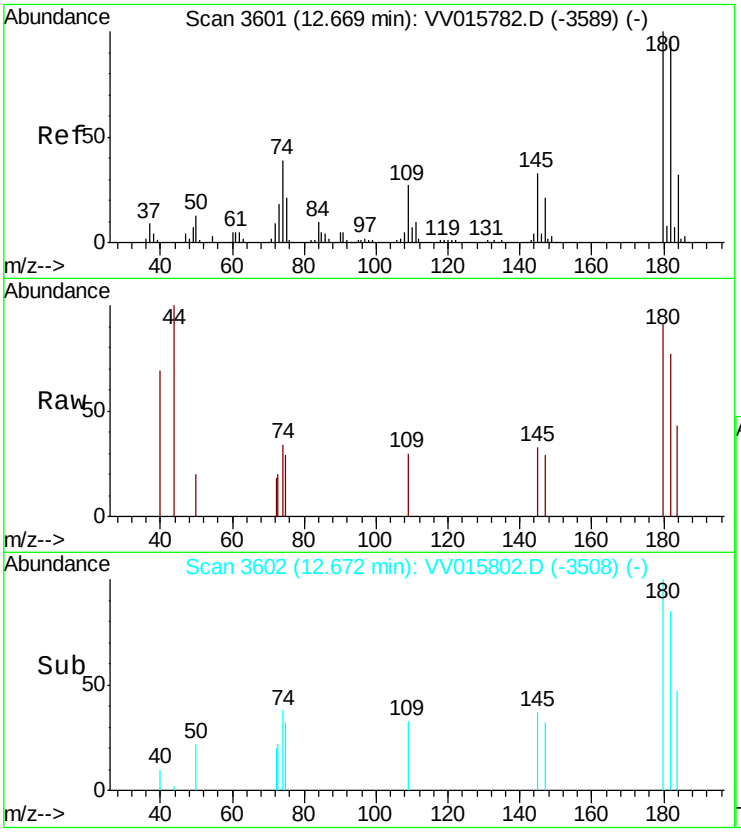


#65
1,2-Dichlorobenzene
Concen: 0.070 ug/L
RT: 11.67 min Scan# 3290
Delta R.T. 0.00 min
Lab File: VV015802.D
Acq: 29 Apr 2020 19:00

Tgt Ion:146 Resp: 1198

Ion	Ratio	Lower	Upper
146	100		
111	59.1	34.7	52.1#
148	74.1	51.3	76.9





#67
1,3,5-Trichlorobenzene
Concen: 0.057 ug/L
RT: 12.67 min Scan# 3602
Delta R.T. 0.00 min
Lab File: VV015802.D
Acq: 29 Apr 2020 19:00

Instrument :
MSVOA_V
ClientSampleId :
BFSA7DL

Tgt Ion:180 Resp: 795

Ion	Ratio	Lower	Upper
180	100		
182	101.8	78.2	117.4
184	29.7	25.0	37.4
145	26.5	26.4	39.6