

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016479.D
 Acq On : 04 Jun 2020 00:52
 Operator : SY/MD
 Sample : L2869-05MSD
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 04 05:37:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 04 05:34:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	358145	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	337881	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	162411	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	103449	40.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.56%
7) Chloroethane-d5	1.57	69	81301	44.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.12	63	201486	44.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.62%
21) 2-Butanone-d5	3.89	46	168119	103.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.65%
24) Chloroform-d	4.38	84	224606	47.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.36%
26) 1,2-Dichloroethane-d4	5.05	65	156856	49.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.40%
32) Benzene-d6	5.07	84	446506	49.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.66%
36) 1,2-Dichloropropane-d6	6.09	67	142128	50.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.80%
41) Toluene-d8	7.34	98	397812	48.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	7.64	79	62676	45.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.20%
47) 2-Hexanone-d5	8.11	63	131820	109.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.14%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	188698	49.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.68%
64) 1,2-Dichlorobenzene-d4	11.65	152	162716	53.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.62%

Target Compounds

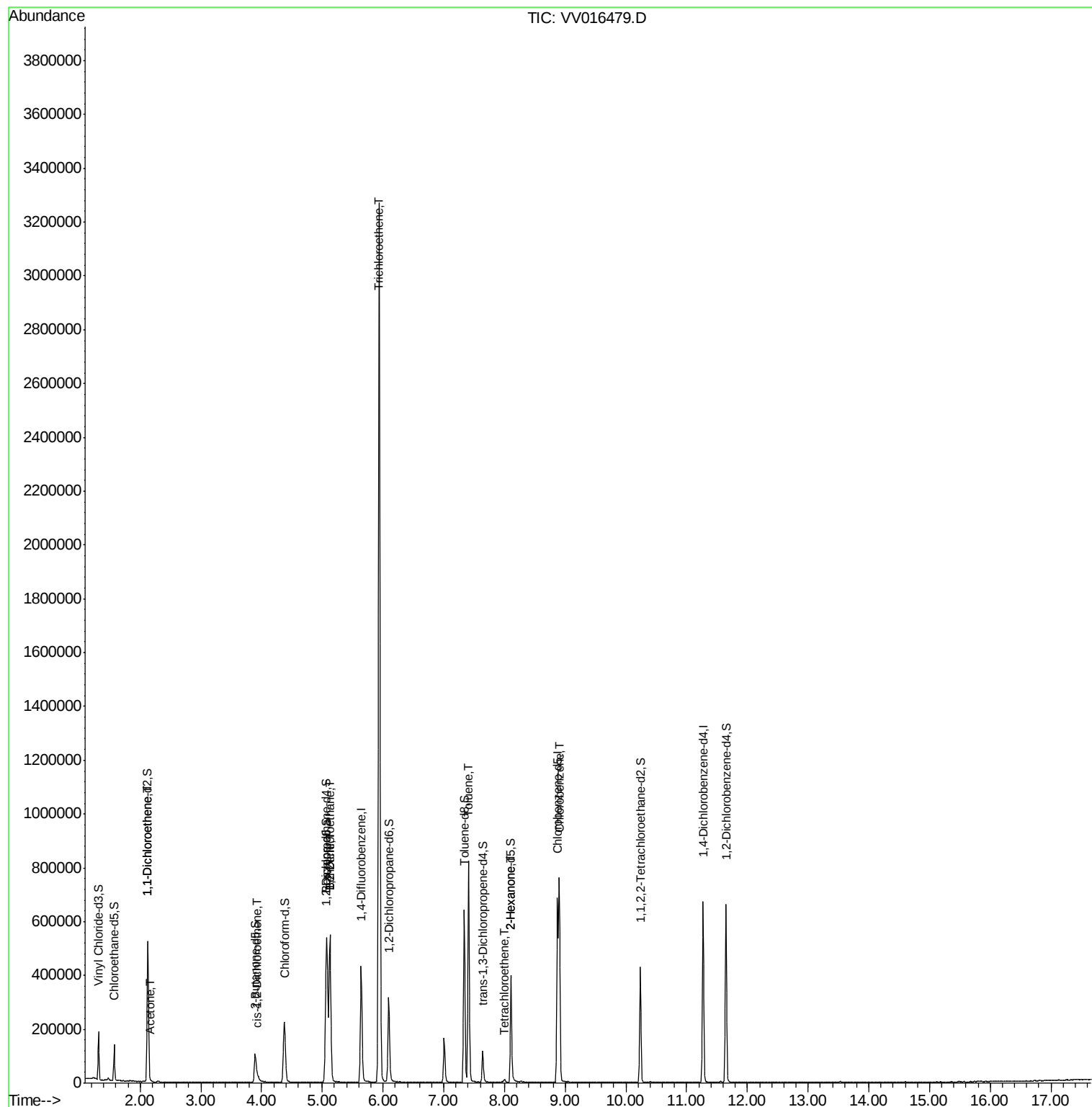
					Ovalue
12) 1,1-Dichloroethene	2.13	96	97267	48.918	ug/L 90
13) Acetone	2.17	43	3384	2.232	ug/L 87
20) cis-1,2-Dichloroethene	3.94	96	2521	0.931	ug/L 93
27) 1,2-Dichloroethane	5.12	62	4116	1.042	ug/L # 76
33) Benzene	5.13	78	533762	53.714	ug/L 100
34) Trichloroethene	5.94	95	1097128	420.772	ug/L 96
42) Toluene	7.41	91	566461	53.796	ug/L 100
46) Tetrachloroethene	8.00	164	2332	1.160	ug/L 94
48) 2-Hexanone	8.11	43	16139	5.825	ug/L # 44
51) Chlorobenzene	8.90	112	371058	53.617	ug/L 98

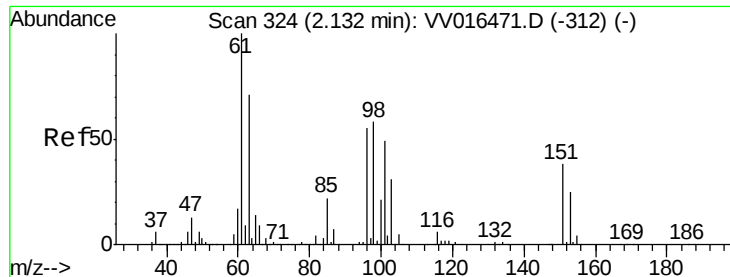
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 04 05:34:42 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 48.918 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

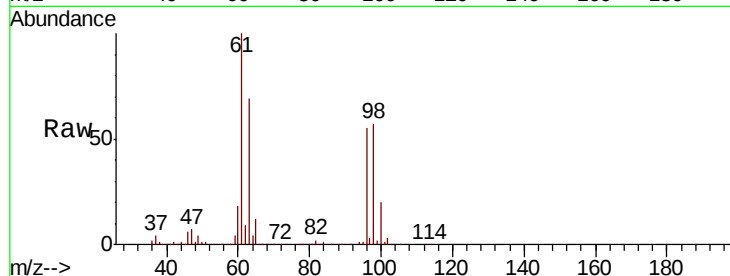
Lab File: VV016479.D

Acq: 04 Jun 2020 00:52

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 96 Resp: 97267

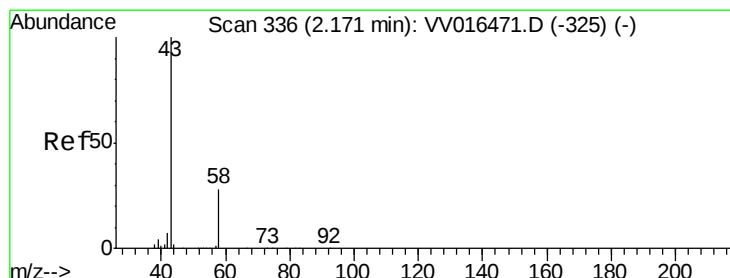
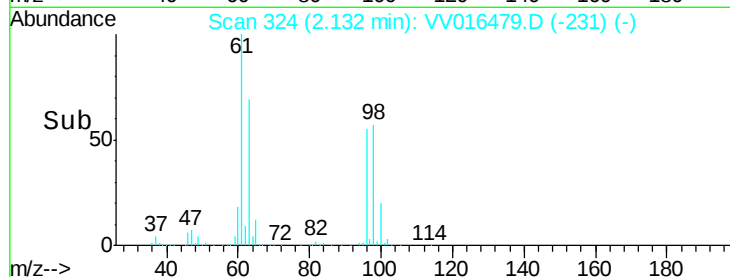
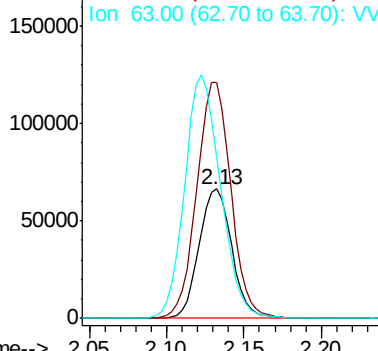
Ion	Ratio	Lower	Upper
96	100		
61	181.9	125.5	233.1
63	124.8	104.0	193.1



Abundance Ion 96.00 (95.70 to 96.70): VV016479.D (-231) (-)

Ion 61.00 (60.70 to 61.70): VV016479.D (-231) (-)

Ion 63.00 (62.70 to 63.70): VV016479.D (-231) (-)



#13

Acetone

Concen: 2.232 ug/L

RT: 2.17 min Scan# 337

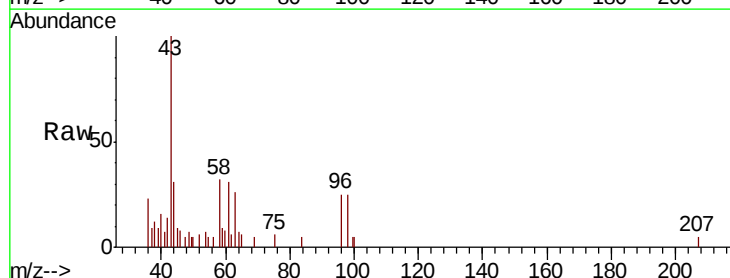
Delta R.T. 0.00 min

Lab File: VV016479.D

Acq: 04 Jun 2020 00:52

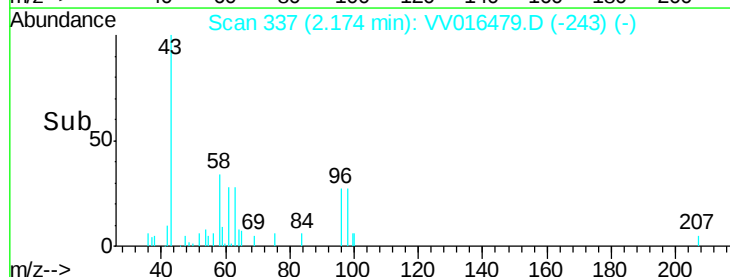
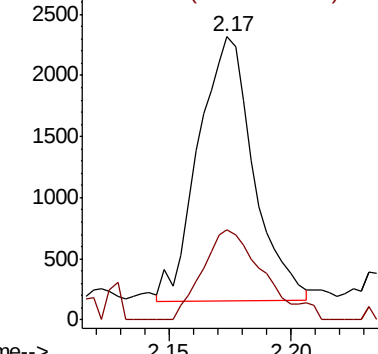
Tgt Ion: 43 Resp: 3384

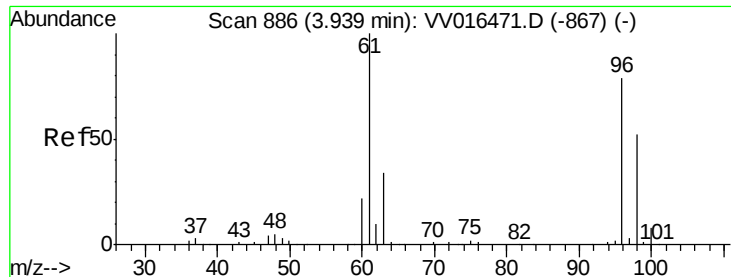
Ion	Ratio	Lower	Upper
43	100		
58	35.7	0.0	57.2



Abundance Ion 43.00 (42.70 to 43.70): VV016479.D (-243) (-)

Ion 58.00 (57.70 to 58.70): VV016479.D (-243) (-)

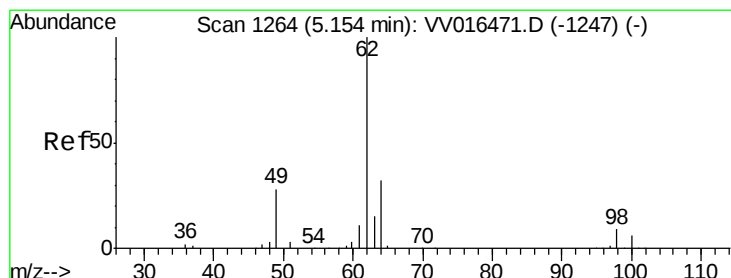
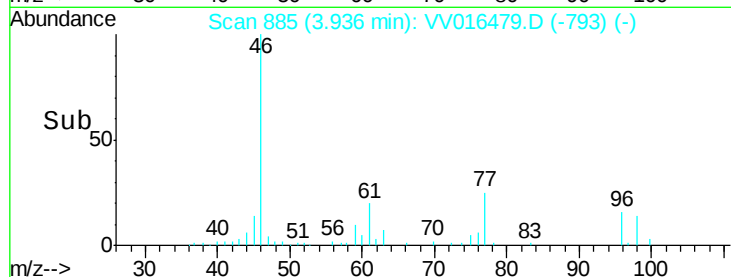
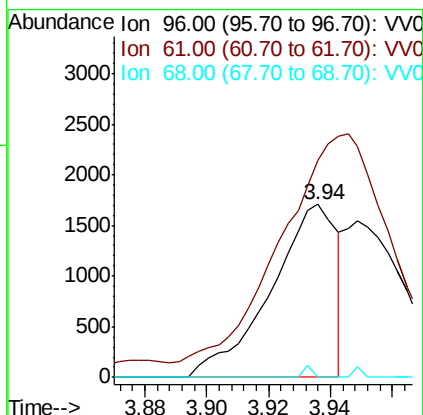
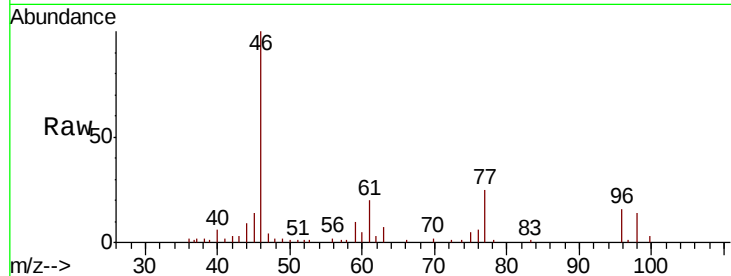




#20
 cis-1,2-Dichloroethene
 Concen: 0.931 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: VV016479.D
 Acq: 04 Jun 2020 00:52

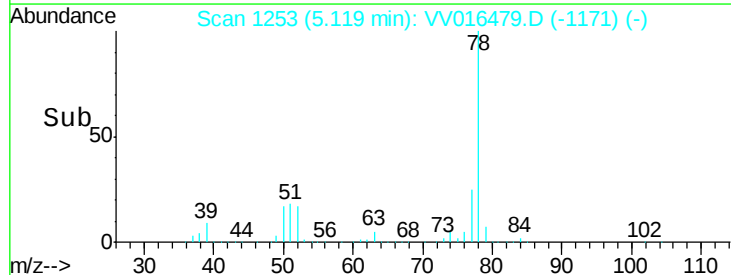
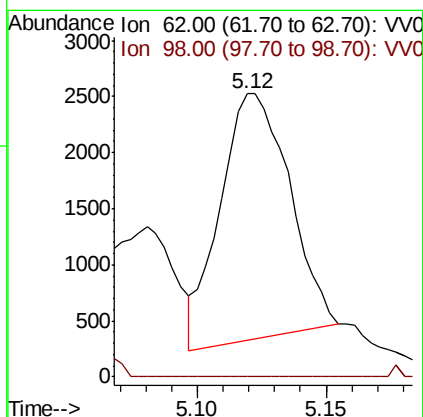
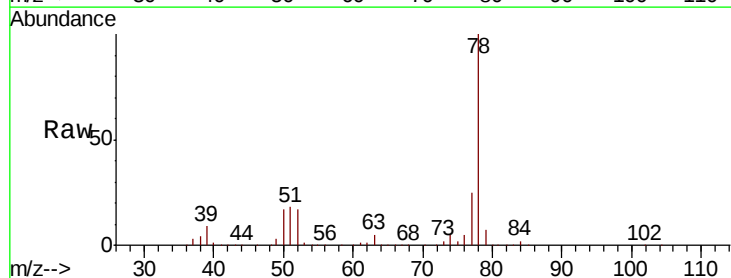
Instrument :
 MSVOA_V
 ClientSampleId :

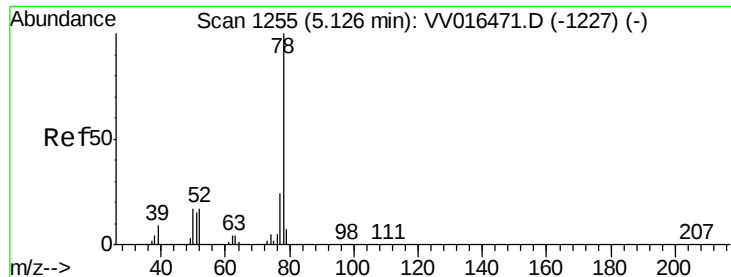
Tot Ion: 96 Resp: 2521
 Ion Ratio Lower Upper
 96 100
 61 125.5 93.4 173.4
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 1.042 ug/L
 RT: 5.12 min Scan# 1253
 Delta R.T. -0.04 min
 Lab File: VV016479.D
 Acq: 04 Jun 2020 00:52

Tgt Ion: 62 Resp: 4116
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.9 10.3#





#33

Benzene

Concen: 53.714 ug/L

RT: 5.13 min Scan# 1255

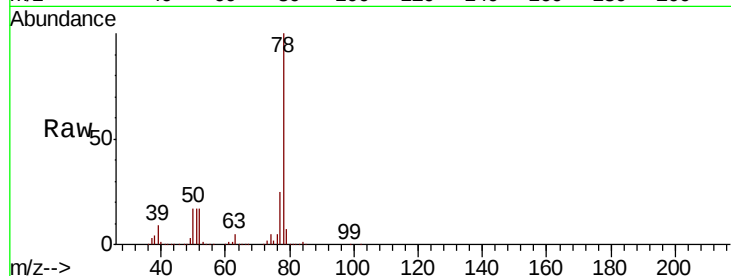
Delta R.T. 0.00 min

Lab File: VV016479.D

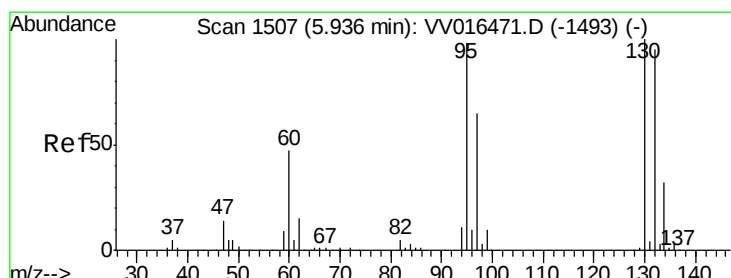
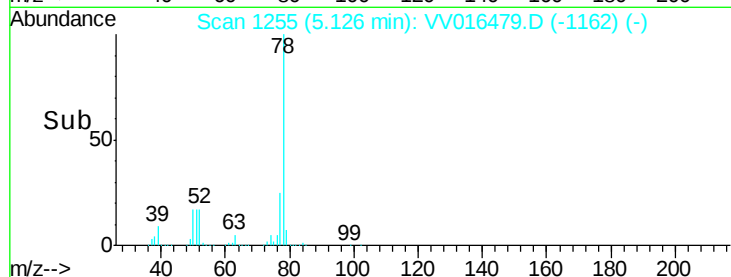
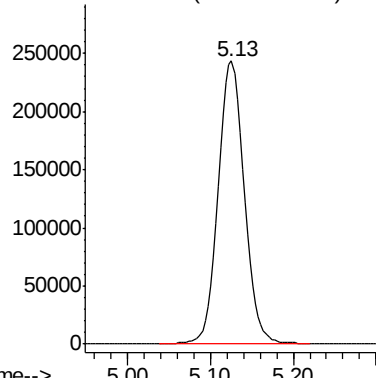
Acq: 04 Jun 2020 00:52

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 533762



Abundance Ion 78.00 (77.70 to 78.70): VV0



#34

Trichloroethene

Concen: 420.772 ug/L

RT: 5.94 min Scan# 1507

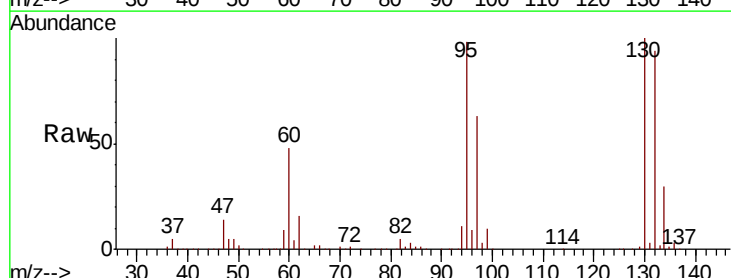
Delta R.T. 0.00 min

Lab File: VV016479.D

Acq: 04 Jun 2020 00:52

Tgt Ion: 95 Resp: 1097128

Ion	Ratio	Lower	Upper
95	100		
97	64.8	42.8	79.6
132	96.5	65.6	121.8
130	102.4	69.0	128.1

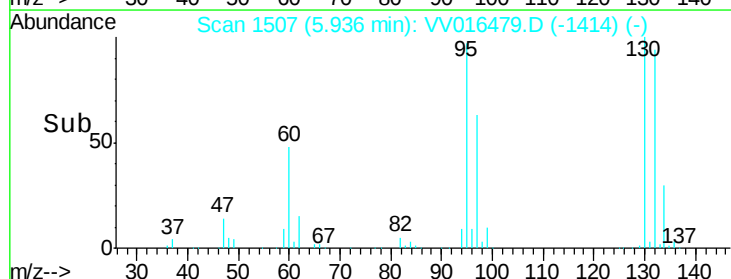
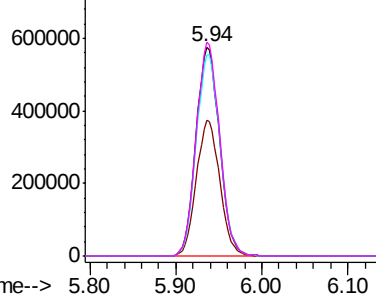


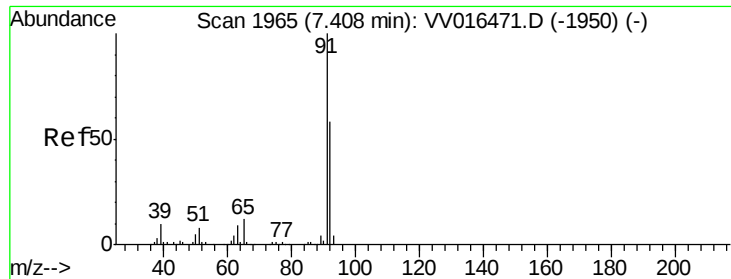
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0





#42

Toluene

Concen: 53.796 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV016479.D

Acq: 04 Jun 2020 00:52

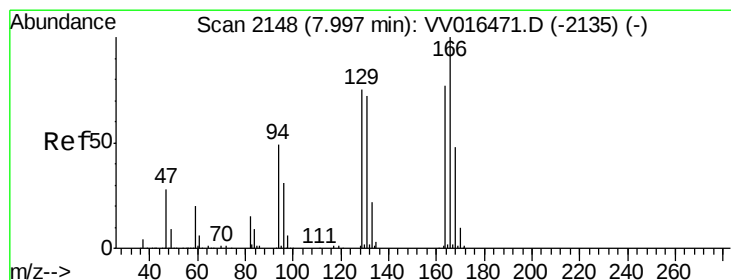
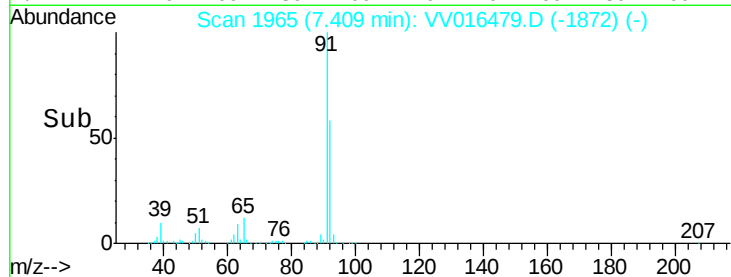
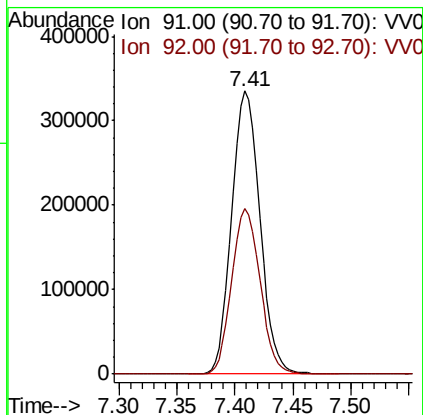
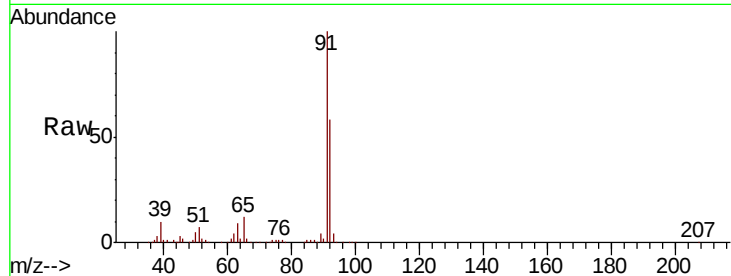
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 566461

Ion Ratio Lower Upper

91 100

92 58.4 40.9 75.9



#46

Tetrachloroethene

Concen: 1.160 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016479.D

Acq: 04 Jun 2020 00:52

Tgt Ion: 164 Resp: 2332

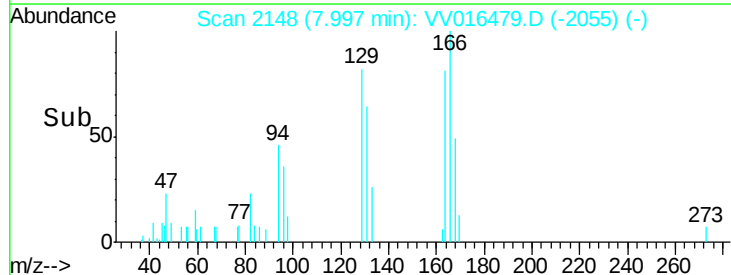
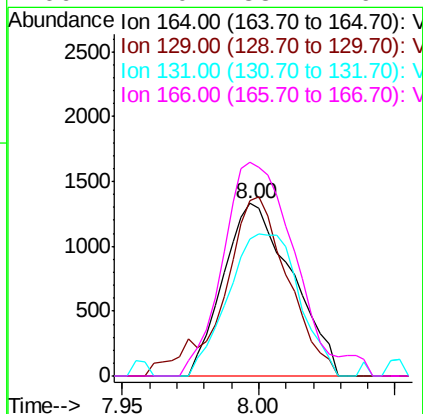
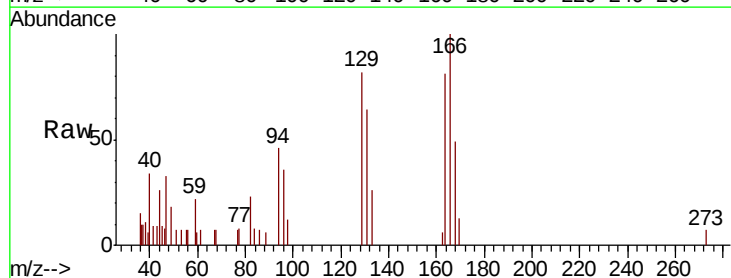
Ion Ratio Lower Upper

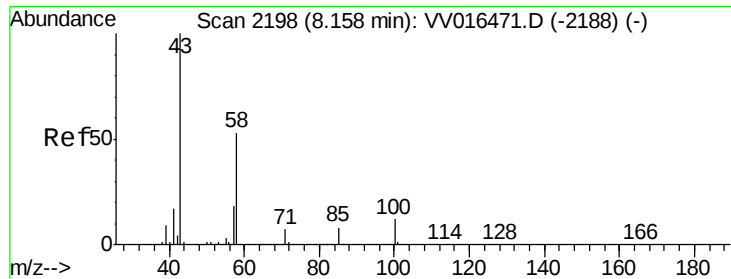
164 100

129 101.7 67.7 125.7

131 79.9 63.8 118.6

166 124.0 88.7 164.7

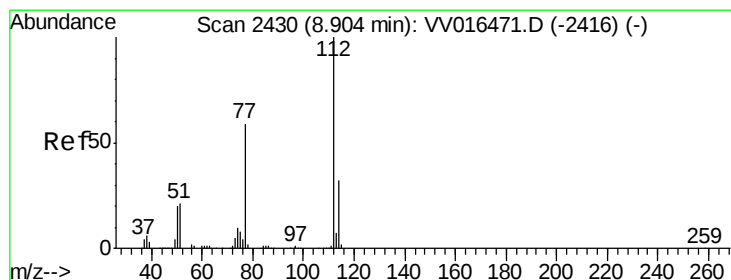
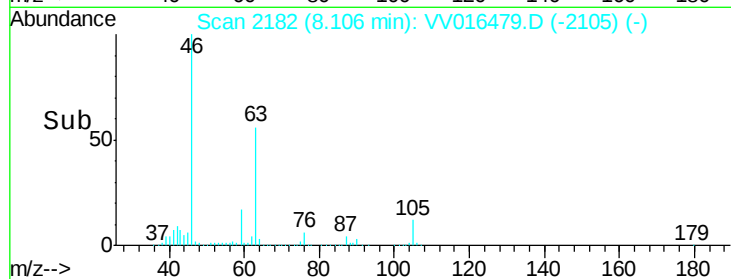
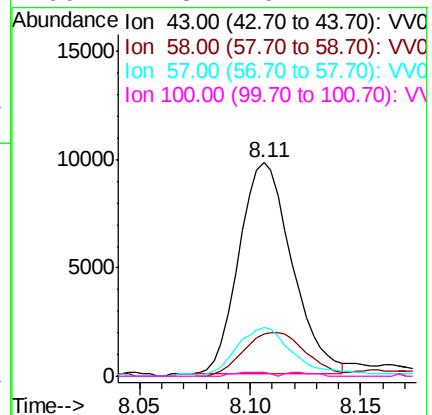
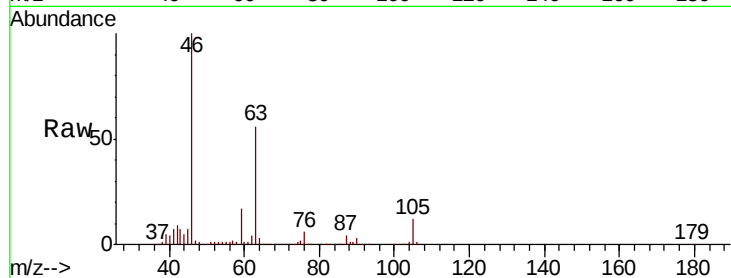




#48
2-Hexanone
Concen: 5.825 ug/L
RT: 8.11 min Scan# 2182
Delta R.T. -0.05 min
Lab File: VV016479.D
Acq: 04 Jun 2020 00:52

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	0.0	42.7	64.1#
57	25.8	14.5	21.7#
100	1.3	9.4	14.2#



#51
Chlorobenzene
Concen: 53.617 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV016479.D
Acq: 04 Jun 2020 00:52

Tgt Ion	Ratio	Lower	Upper
112	100		
114	30.9	22.7	42.1
77	58.6	47.4	71.2

