

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041720\
 Data File : VV015555.D
 Acq On : 17 Apr 2020 15:14
 Operator : SY/MD
 Sample : L2288-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCK1

Quant Time: Apr 18 01:54:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 18 00:37:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/L	-5.64
28) Chlorobenzene-d5	8.88	117	401	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.28	152	570	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	0.00	65	0	0.00	ug/L	
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.00%#
7) Chloroethane-d5	1.85	69	20	0.00	ug/L	0.27
Spiked Amount	5.000	Range	65 - 130	Recovery	=	0.00%#
11) 1,1-Dichloroethene-d2	2.12	63	174	0.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	0.00%#
20) 2-Butanone-d5	0.00	46	0	0.00	ug/L	
Spiked Amount	50.000	Range	40 - 130	Recovery	=	0.00%#
24) Chloroform-d	4.40	84	156	0.00	ug/L	0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	0.00%#
26) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/L	
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.00%#
32) Benzene-d6	0.00	84	0	0.00	ug/L	
Spiked Amount	5.000	Range	70 - 125	Recovery	=	0.00%#
36) 1,2-Dichloropropane-d6	5.94	67	19	0.69	ug/L	-0.15
Spiked Amount	5.000	Range	60 - 140	Recovery	=	13.80%#
41) Toluene-d8	0.00	98	0	0.00	ug/L	
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.00%#
43) trans-1,3-Dichloropropene-	0.00	79	0	0.00	ug/L	
Spiked Amount	5.000	Range	55 - 130	Recovery	=	0.00%#
46) 2-Hexanone-d5	0.00	63	0	0.00	ug/L	
Spiked Amount	50.000	Range	45 - 130	Recovery	=	0.00%#
57) 1,1,2,2-Tetrachloroethane-	0.00	84	0	0.00	ug/L	
Spiked Amount	5.000	Range	65 - 120	Recovery	=	0.00%#
64) 1,2-Dichlorobenzene-d4	11.65	152	330	3.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	72.20%#

Target Compounds

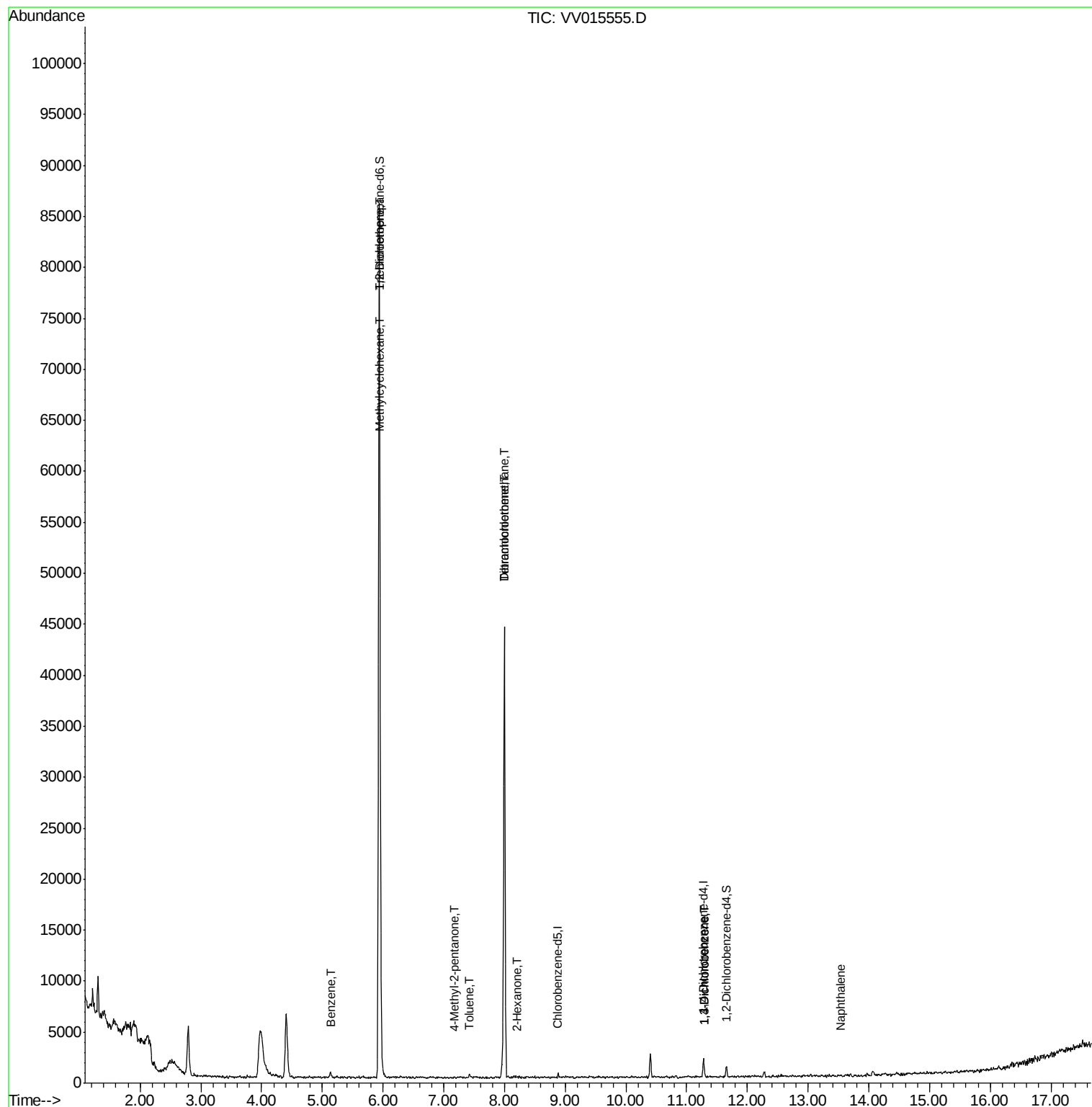
					Ovalue
33) Benzene	5.13	78	694	5.782	ug/L 100
34) Trichloroethene	5.94	95	29494	913.014	ug/L 99
35) Methylcyclohexane	5.96	83	136	2.499	ug/L # 15
40) 4-Methyl-2-pentanone	7.17	43	20	1.023	ug/L # 46
42) Toluene	7.42	91	289	2.218	ug/L 89
47) Tetrachloroethene	8.00	164	9142	381.971	ug/L 95
48) 2-Hexanone	8.20	43	174	12.741	ug/L # 40
49) Dibromochloromethane	8.00	129	8835	368.600	ug/L # 10
62) 1,3-Dichlorobenzene	11.30	146	157	0.854	ug/L # 26
63) 1,4-Dichlorobenzene	11.30	146	157	0.840	ug/L # 25
69) Naphthalene	13.53	128	20	0.089	ug/L # 69

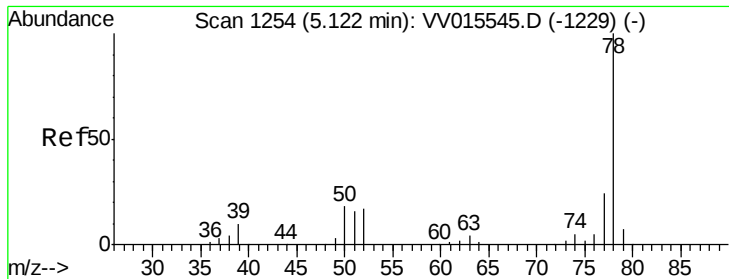
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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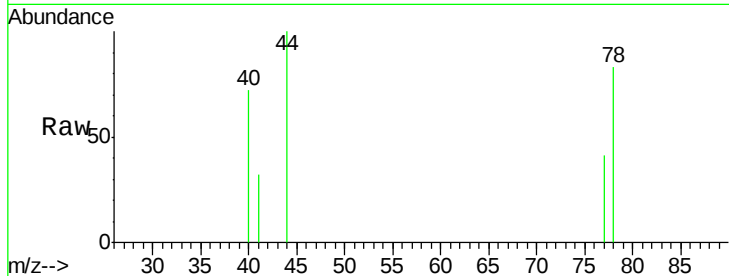




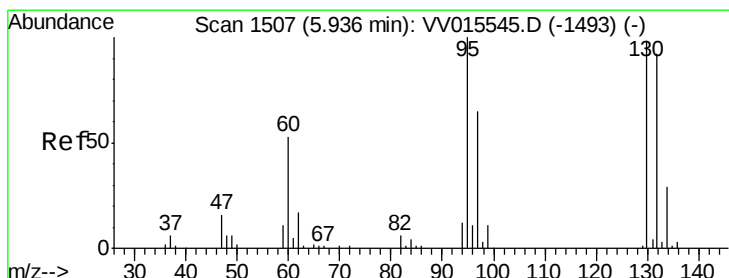
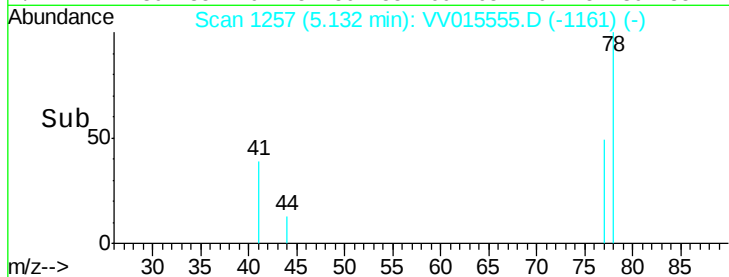
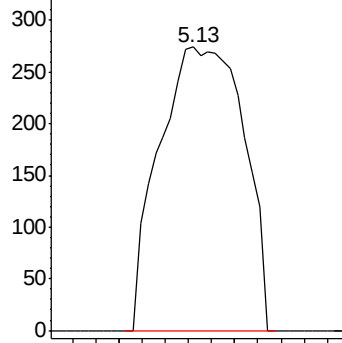
#33
Benzene
Concen: 5.782 ug/L
RT: 5.13 min Scan# 1257
Delta R.T. 0.01 min
Lab File: VV015555.D
Acq: 17 Apr 2020 15:14

Instrument :
MSVOA_V
ClientSampleId :
BFCK1

Tgt Ion: 78 Resp: 694

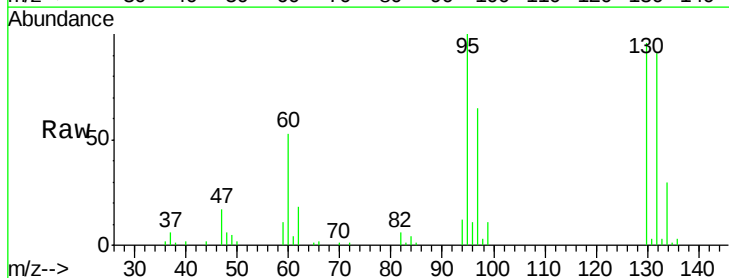


Abundance Ion 78.10 (77.80 to 78.80): VV0



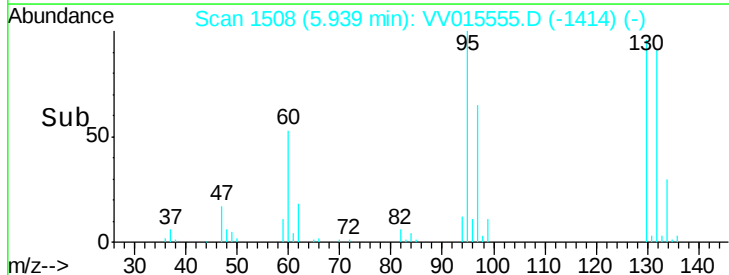
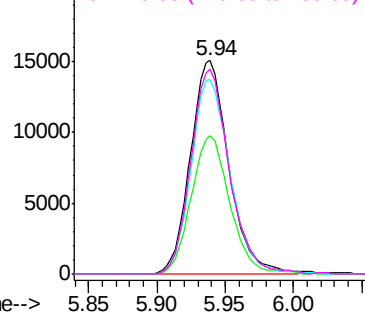
#34
Trichloroethene
Concen: 913.014 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV015555.D
Acq: 17 Apr 2020 15:14

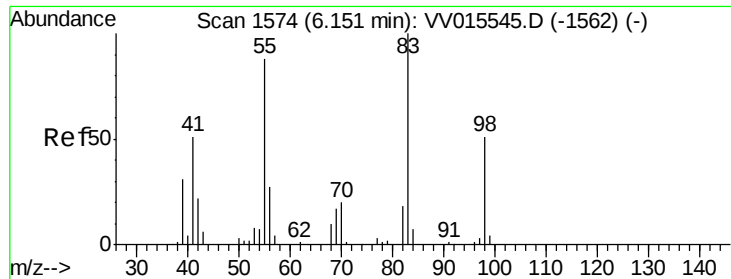
Tgt Ion: 95 Resp: 29494
Ion Ratio Lower Upper
95 100
97 64.9 45.4 84.4
132 91.2 64.8 120.4
130 95.9 67.4 125.2



Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0
Ion 131.95 (131.65 to 132.65): VV0
Ion 129.95 (129.65 to 130.65): VV0

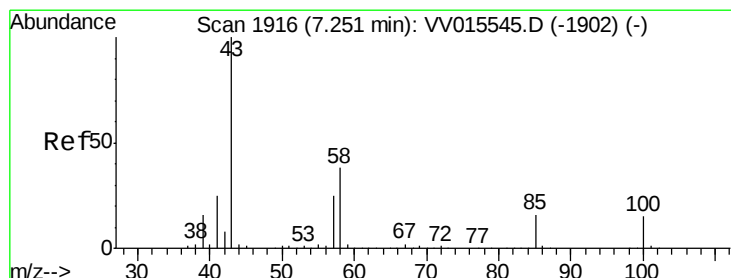
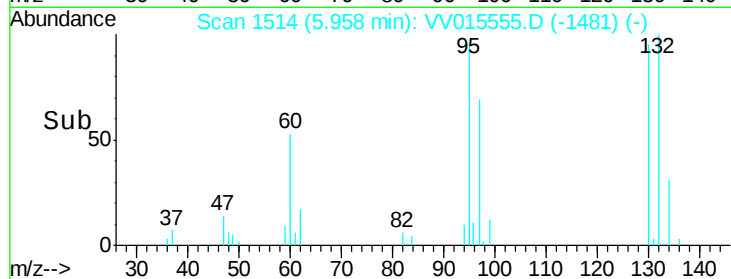
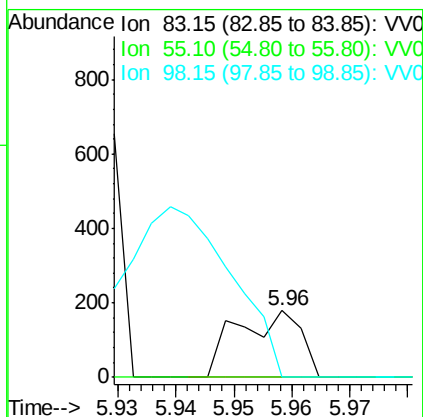
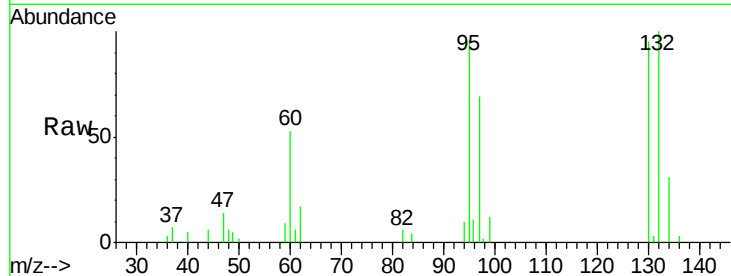




#35
Methylcyclohexane
Concen: 2.499 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.19 min
Lab File: VV015555.D
Acq: 17 Apr 2020 15:14

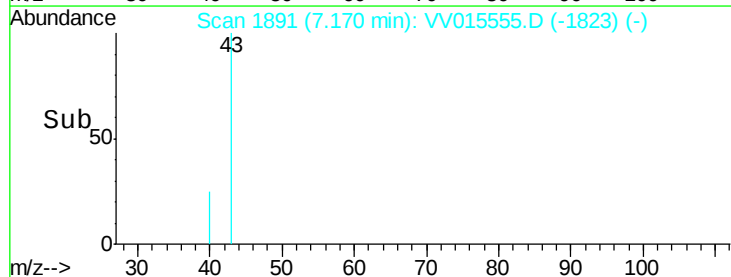
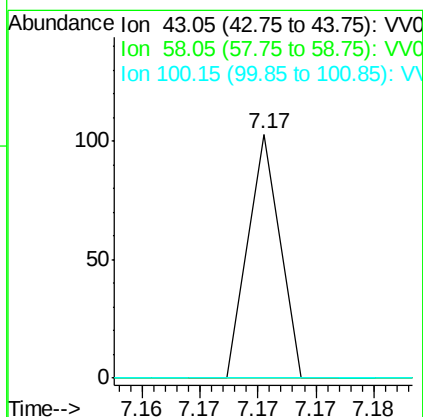
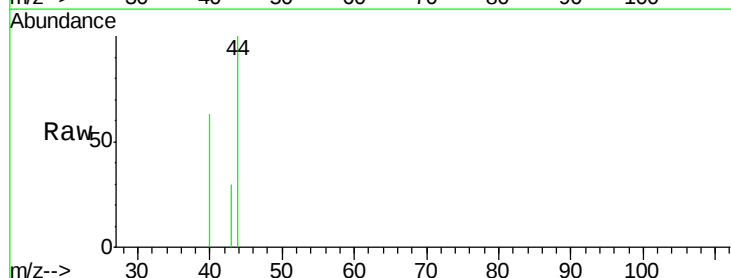
Instrument :
MSVOA_V
ClientSampled :
BFC1

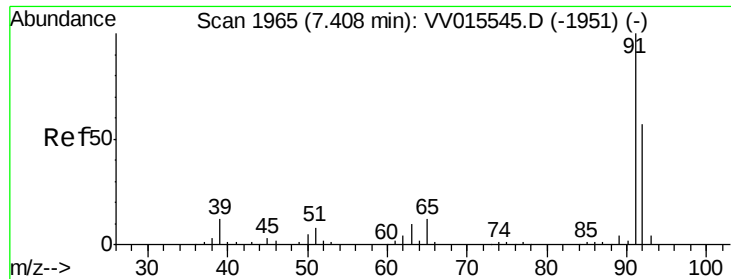
Tot Ion: 83 Resp: 136
Ion Ratio Lower Upper
83 100
55 0.0 66.6 99.8#
98 0.0 38.7 58.1#



#40
4-Methyl-2-pentanone
Concen: 1.023 ug/L
RT: 7.17 min Scan# 1891
Delta R.T. -0.08 min
Lab File: VV015555.D
Acq: 17 Apr 2020 15:14

Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
58 0.0 29.0 43.6#
100 0.0 11.0 16.6#





#42

Toluene

Concen: 2.218 ug/L

RT: 7.42 min Scan# 1969

Delta R.T. 0.01 min

Lab File: VV015555.D

Acq: 17 Apr 2020 15:14

Instrument :

MSVOA_V

ClientSampleId :

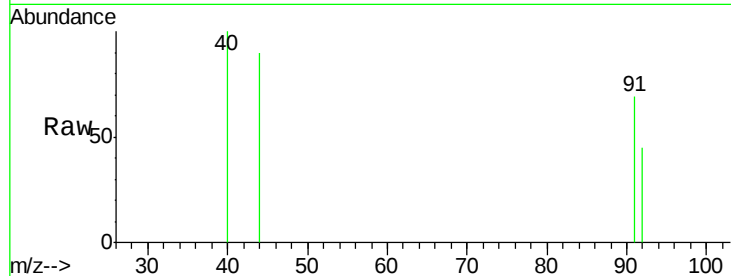
BFCk1

Tot Ion: 91 Resp: 289

Ion Ratio Lower Upper

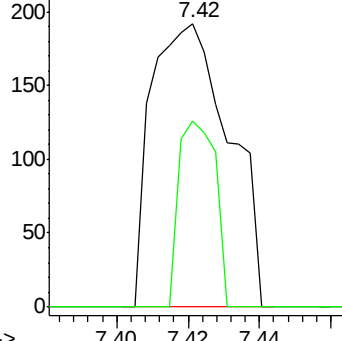
91 100

92 65.6 40.2 74.6

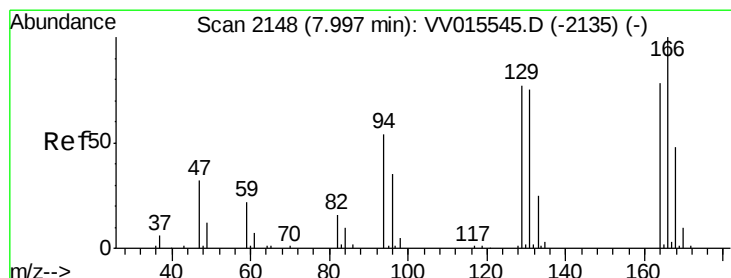
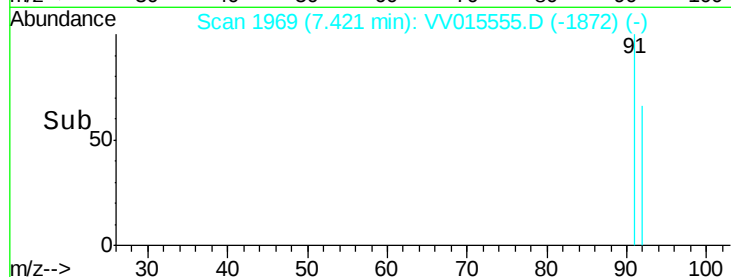


Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



Time-->



#47

Tetrachloroethene

Concen: 381.971 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV015555.D

Acq: 17 Apr 2020 15:14

Tgt Ion: 164 Resp: 9142

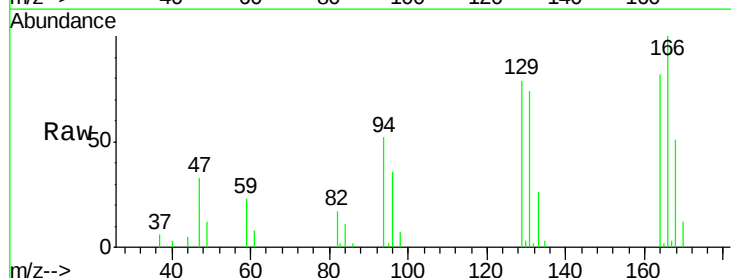
Ion Ratio Lower Upper

164 100

129 95.9 70.6 131.0

131 89.4 68.3 126.8

166 121.7 88.3 163.9

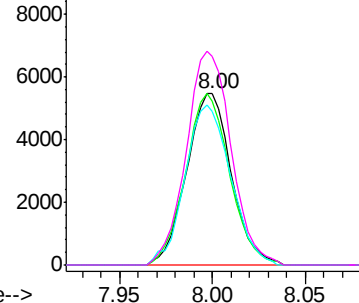


Abundance Ion 163.90 (163.60 to 164.60): V

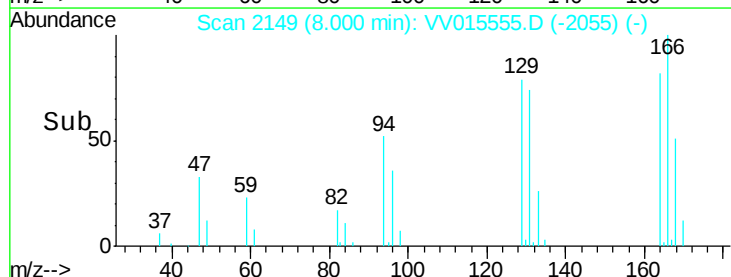
Ion 128.95 (128.65 to 129.65): V

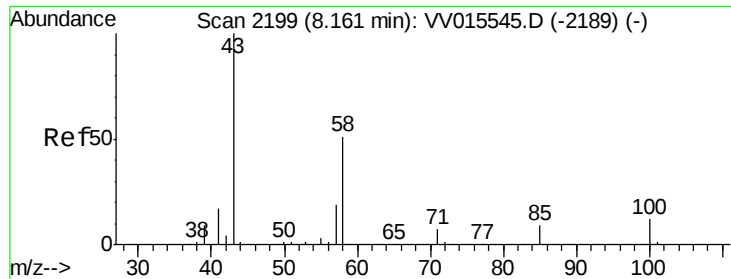
Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



Time-->

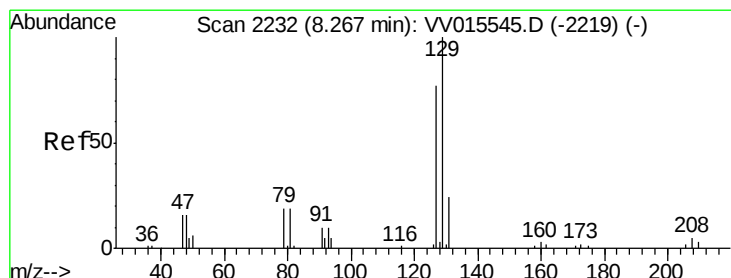
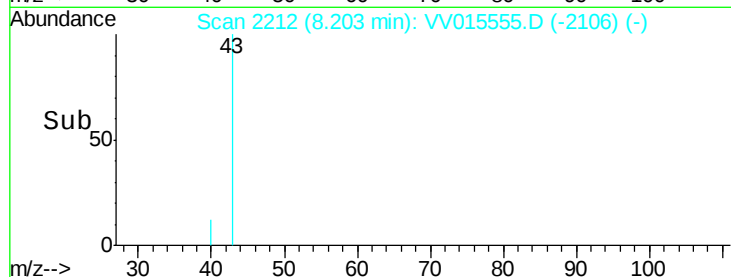
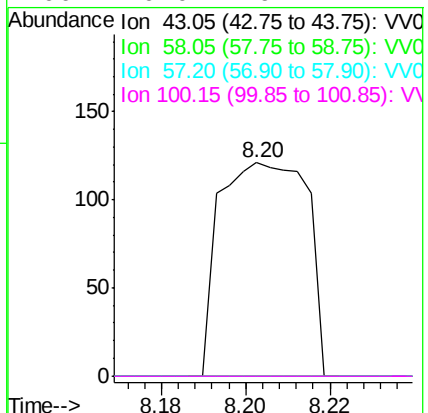
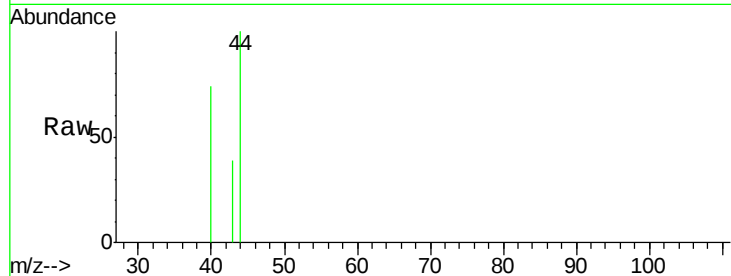




#48
2-Hexanone
Concen: 12.741 ug/L
RT: 8.20 min Scan# 2212
Delta R.T. 0.04 min
Lab File: VV015555.D
Acq: 17 Apr 2020 15:14

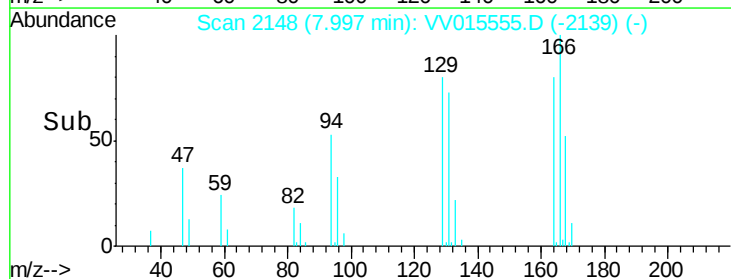
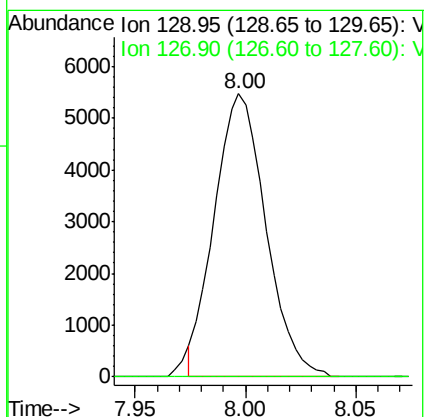
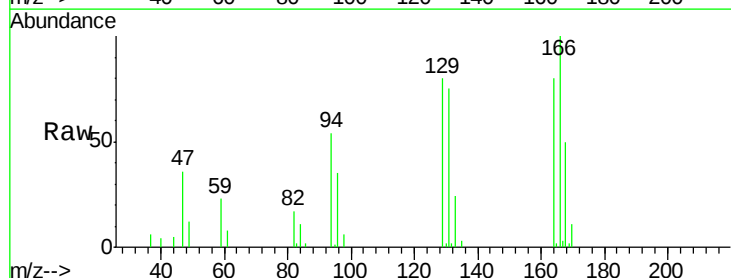
Instrument :
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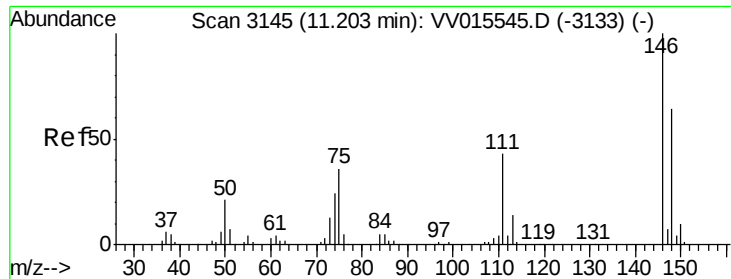
Tot Ion:	43	Resp:	174
Ion	Ratio	Lower	Upper
43	100		
58	0.0	41.4	62.0#
57	0.0	15.0	22.4#
100	0.0	9.4	14.2#



#49
Dibromochloromethane
Concen: 368.600 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV015555.D
Acq: 17 Apr 2020 15:14

Tgt Ion:	129	Resp:	8835
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#

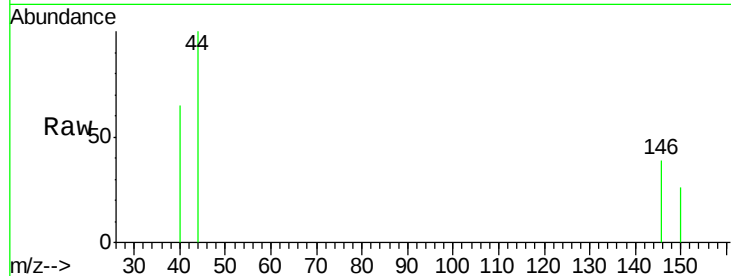




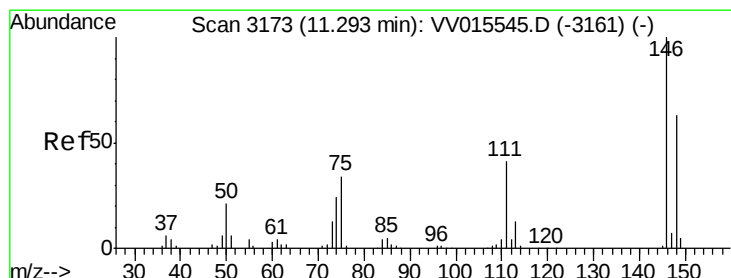
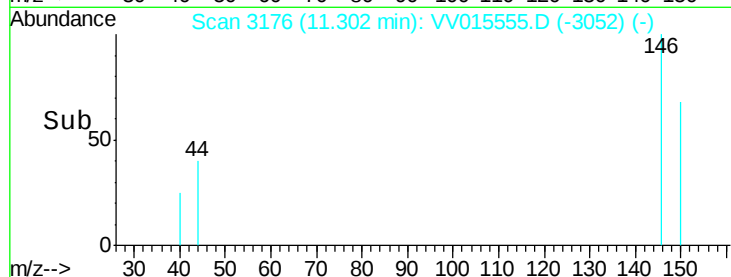
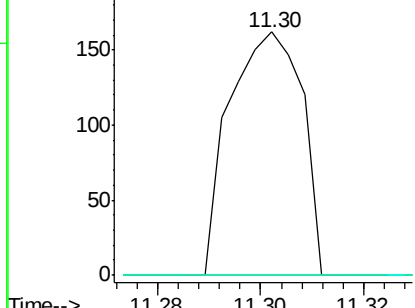
#62
 1,3-Dichlorobenzene
 Concen: 0.854 ug/L
 RT: 11.30 min Scan# 3176
 Delta R.T. 0.10 min
 Lab File: VV015555.D
 Acq: 17 Apr 2020 15:14

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCK1

Tot Ion:146 Resp: 157
 Ion Ratio Lower Upper
 146 100
 111 0.0 29.3 54.5#
 148 0.0 42.4 78.6#

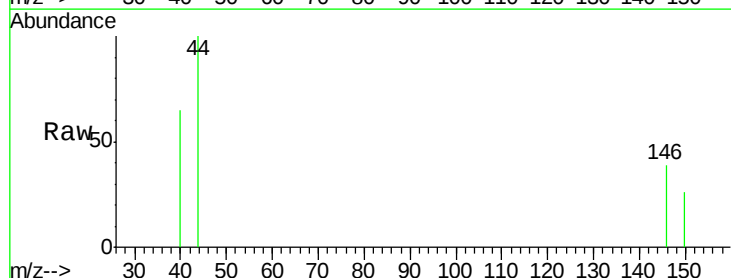


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

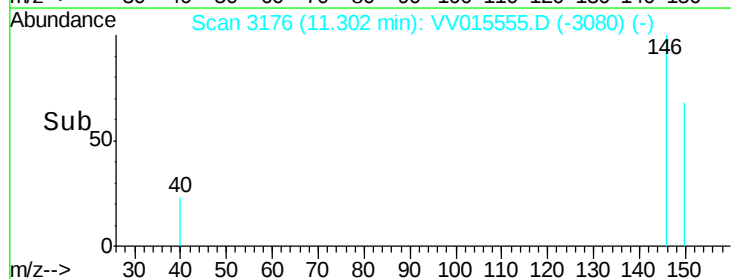
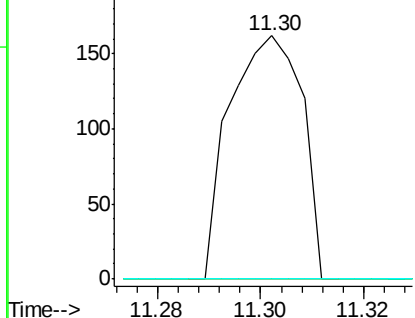


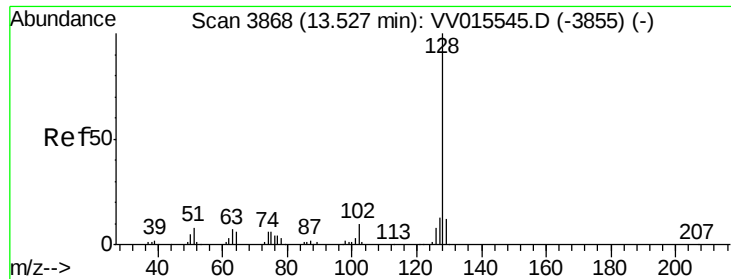
#63
 1,4-Dichlorobenzene
 Concen: 0.840 ug/L
 RT: 11.30 min Scan# 3176
 Delta R.T. 0.01 min
 Lab File: VV015555.D
 Acq: 17 Apr 2020 15:14

Tgt Ion:146 Resp: 157
 Ion Ratio Lower Upper
 146 100
 111 0.0 29.4 54.6#
 148 0.0 44.3 82.3#



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V





#69

Naphthalene

Concen: 0.089 ug/L

RT: 13.53 min Scan# 3870

Delta R.T. 0.01 min

Lab File: VV015555.D

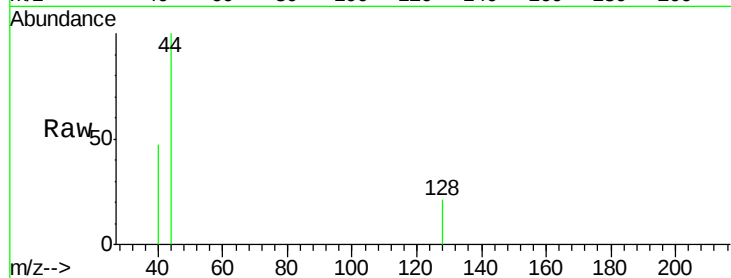
Acq: 17 Apr 2020 15:14

Instrument :

MSVOA_V

ClientSampleId :

BFCK1



Tot Ion:128 Resp: 20

Ion Ratio Lower Upper

128 100

129 0.0 8.6 13.0#

127 0.0 10.4 15.6#

