

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041420\
 Data File : VV015470.D
 Acq On : 14 Apr 2020 18:49
 Operator : SY/MD
 Sample : L2273-12
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YAQ90

Quant Time: Apr 15 02:24:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 15 02:17:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	114371	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	107222	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	51919	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	32741	5.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.20%
7) Chloroethane-d5	1.58	69	28648	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.80%
11) 1,1-Dichloroethene-d2	2.12	63	45937	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	3.94	46	81298	48.79	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.58%
24) Chloroform-d	4.38	84	60909	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.06	65	34007	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.08	84	122568	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.10	67	37871	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.34	98	115362	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
43) trans-1,3-Dichloropropene-	7.65	79	15342	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.11	63	66119	42.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.10%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	27042	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	42667	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

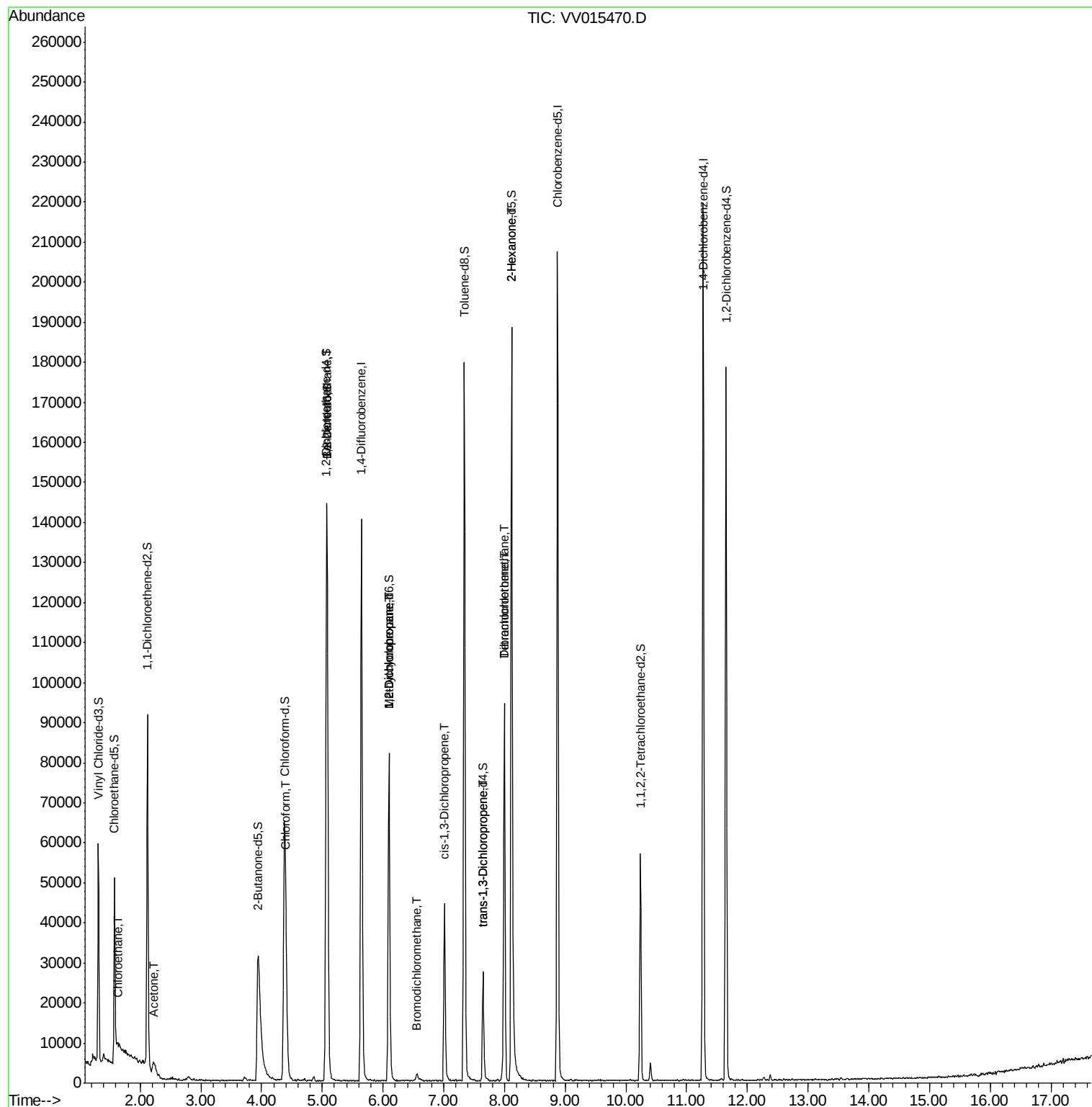
					Ovalue
8) Chloroethane	1.63	64	9246	1.536 ug/L #	51
13) Acetone	2.23	43	8045	6.834 ug/L #	35
25) Chloroform	4.41	83	19001	1.217 ug/L	100
27) 1,2-Dichloroethane	5.08	62	436	0.043 ug/L #	77
35) Methylcyclohexane	6.10	83	9502	0.653 ug/L #	15
37) 1,2-Dichloropropane	6.10	63	4500	0.565 ug/L #	86
38) Bromodichloromethane	6.54	83	601	0.057 ug/L #	65
39) cis-1,3-Dichloropropene	7.01	75	1187	0.097 ug/L #	74
44) trans-1,3-Dichloropropene	7.65	75	727	0.070 ug/L	85
47) Tetrachloroethene	8.00	164	19973	3.121 ug/L	97
48) 2-Hexanone	8.11	43	10559	2.891 ug/L #	76
49) Dibromochloromethane	8.00	129	18920	2.952 ug/L #	10

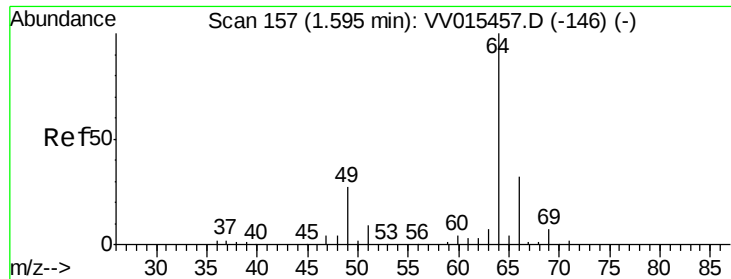
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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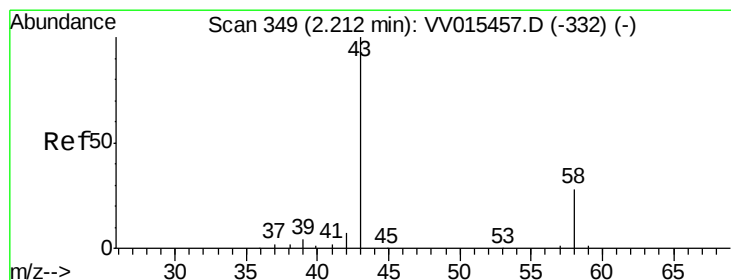
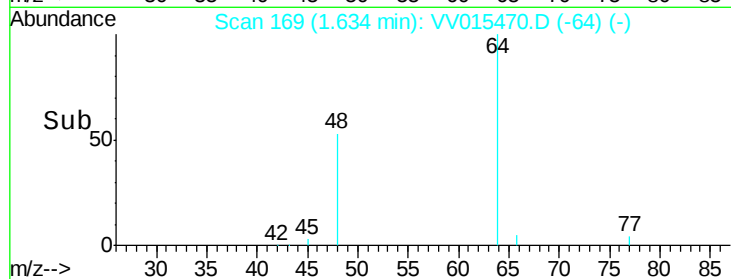
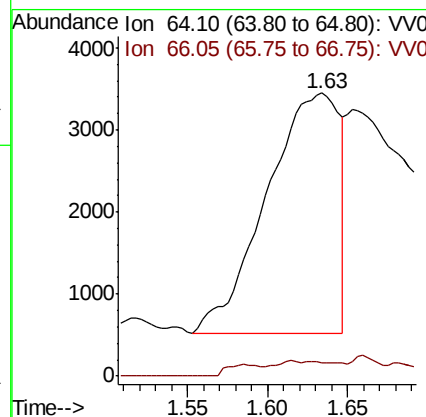
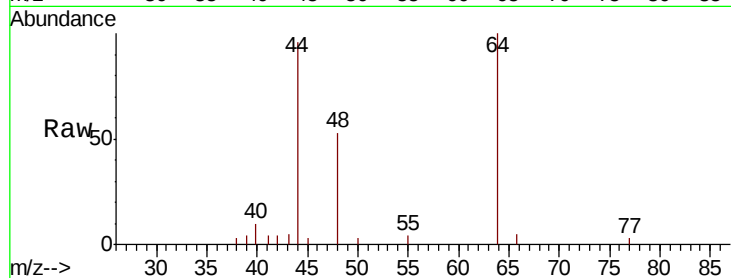




#8
 Chloroethane
 Concen: 1.536 ug/L
 RT: 1.63 min Scan# 169
 Delta R.T. 0.04 min
 Lab File: VV015470.D
 Acq: 14 Apr 2020 18:49

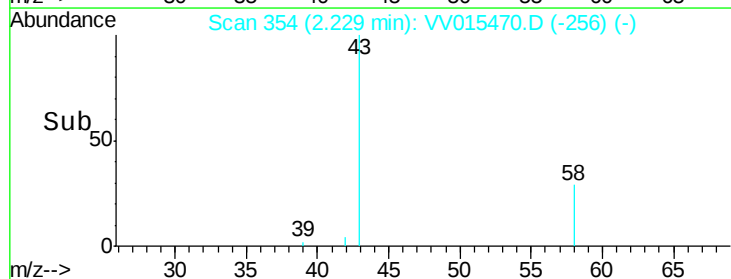
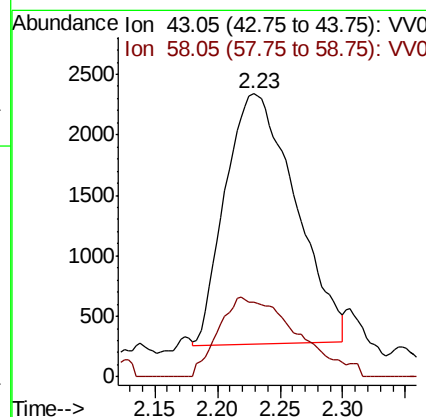
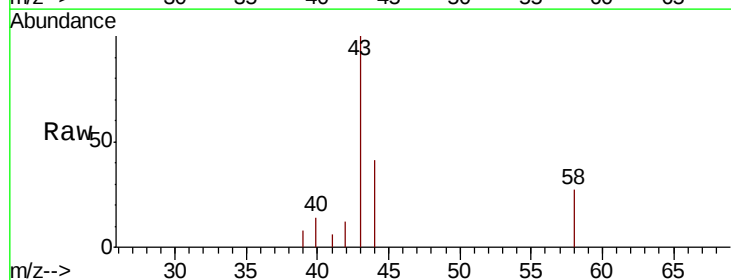
Instrument :
 MSVOA_V
 ClientSampleId :
 YAQ90

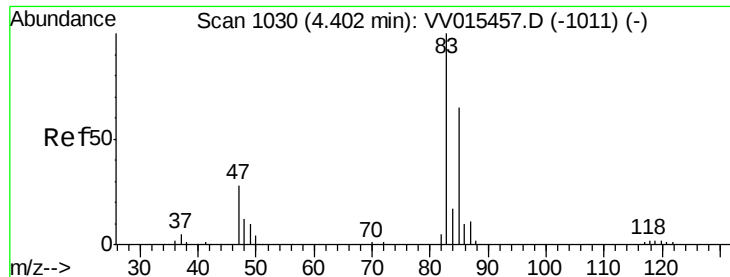
Tot Ion: 64 Resp: 9246
 Ion Ratio Lower Upper
 64 100
 66 4.8 22.3 41.5#



#13
 Acetone
 Concen: 6.834 ug/L
 RT: 2.23 min Scan# 354
 Delta R.T. 0.02 min
 Lab File: VV015470.D
 Acq: 14 Apr 2020 18:49

Tgt Ion: 43 Resp: 8045
 Ion Ratio Lower Upper
 43 100
 58 35.7 0.0 22.2#

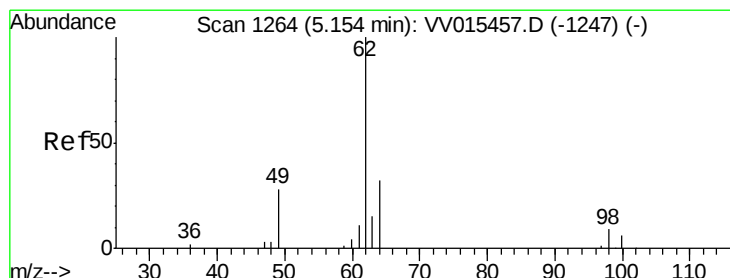
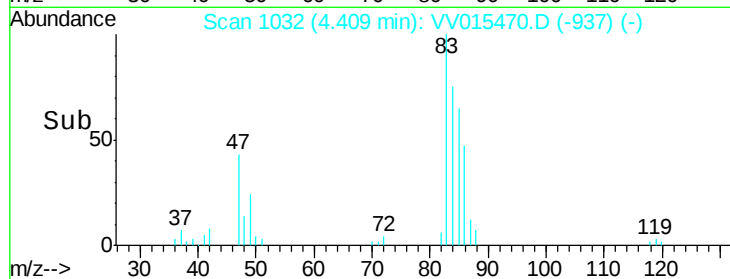
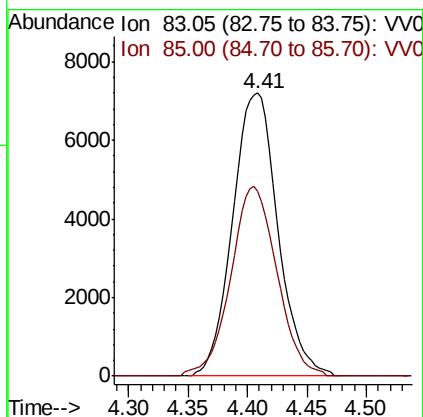
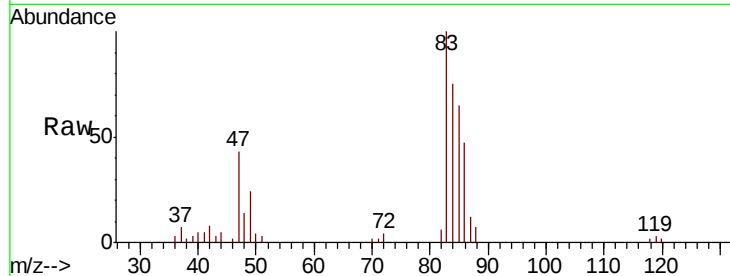




#25
Chloroform
Concen: 1.217 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV015470.D
Acq: 14 Apr 2020 18:49

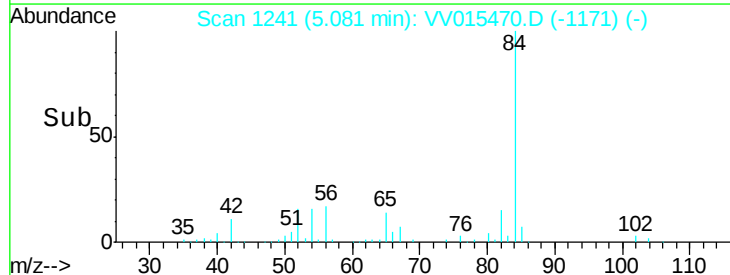
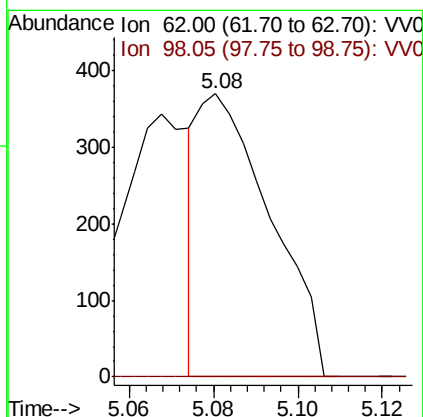
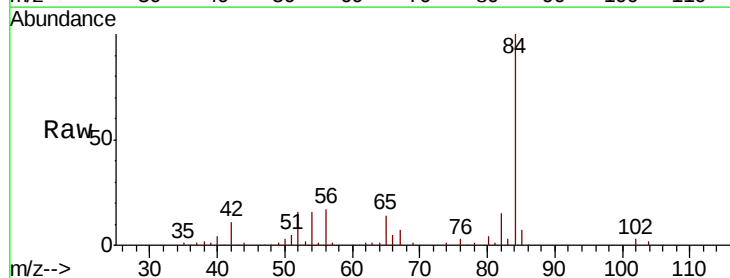
Instrument :
MSVOA_V
ClientSampleId :
YAQ90

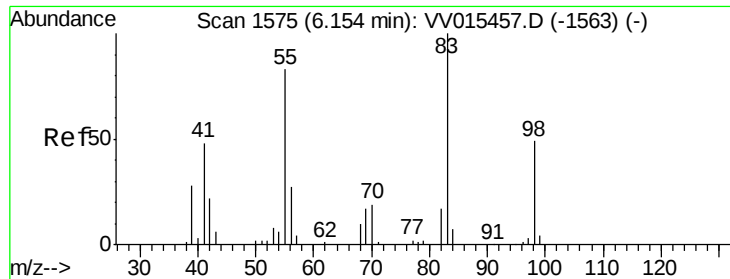
Tot Ion: 83 Resp: 19001
Ion Ratio Lower Upper
83 100
85 65.4 45.9 85.3



#27
1,2-Dichloroethane
Concen: 0.043 ug/L
RT: 5.08 min Scan# 1241
Delta R.T. -0.07 min
Lab File: VV015470.D
Acq: 14 Apr 2020 18:49

Tgt Ion: 62 Resp: 436
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#

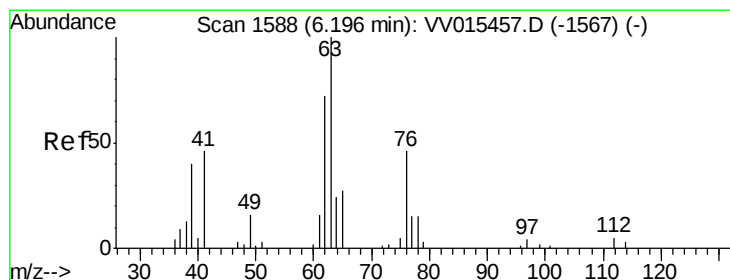
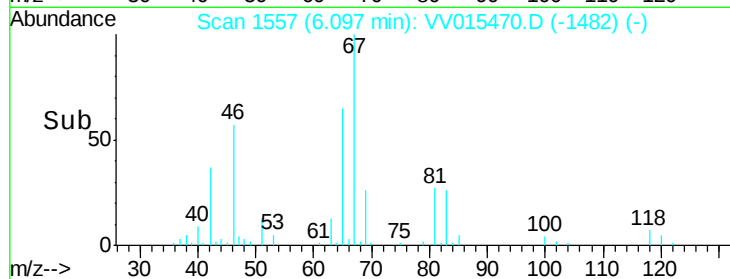
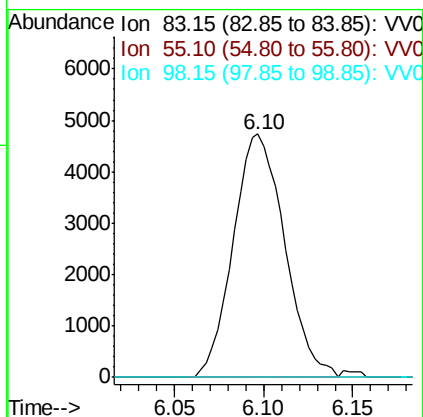
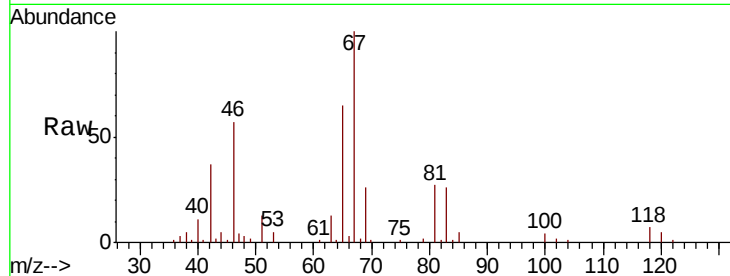




#35
Methvlcvclohexane
Concen: 0.653 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV015470.D
Acq: 14 Apr 2020 18:49

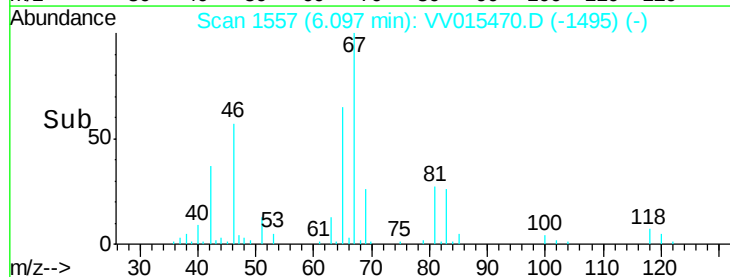
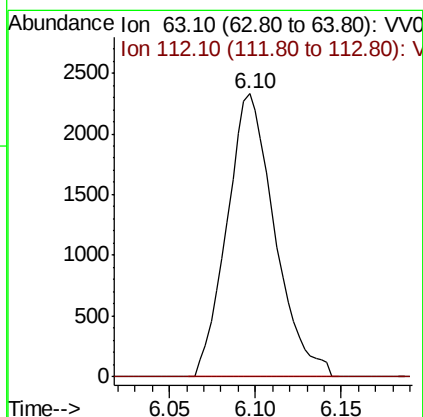
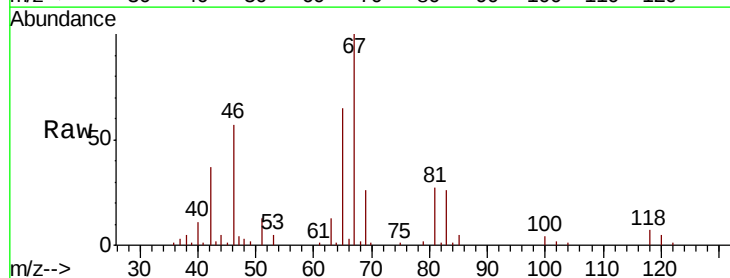
Instrument :
MSVOA_V
ClientSampleId :
YQA90

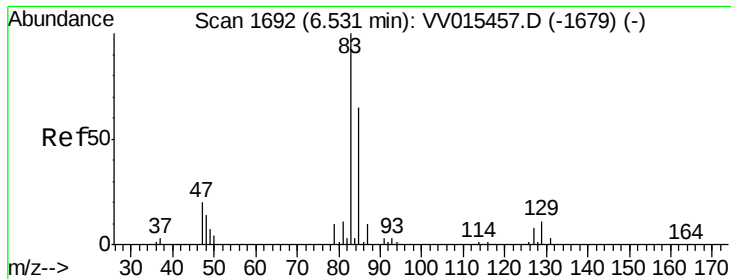
Tot Ion: 83 Resp: 9502
Ion Ratio Lower Upper
83 100
55 0.0 66.6 99.8#
98 0.0 38.7 58.1#



#37
1,2-Dichloropropane
Concen: 0.565 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015470.D
Acq: 14 Apr 2020 18:49

Tgt Ion: 63 Resp: 4500
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#





#38

Bromodichloromethane

Concen: 0.057 ug/L

RT: 6.54 min Scan# 1696

Delta R.T. 0.01 min

Lab File: VV015470.D

Acq: 14 Apr 2020 18:49

Instrument :

MSVOA_V

ClientSampled :

YAQ90

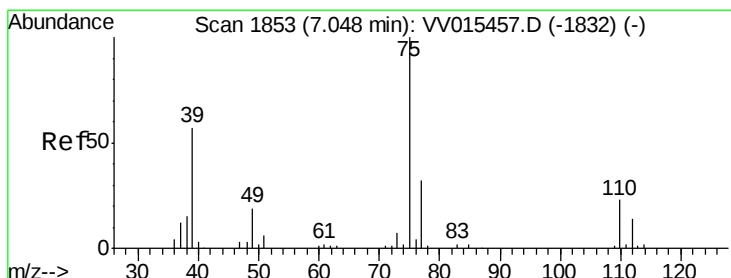
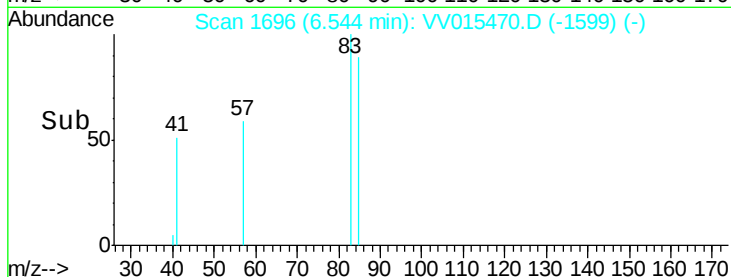
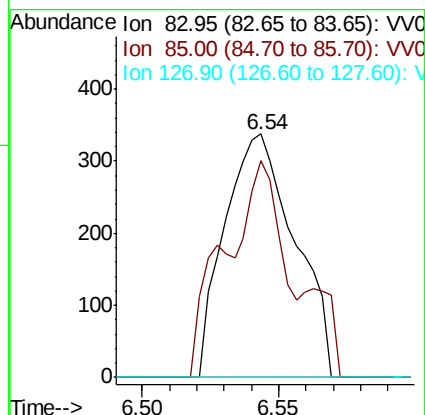
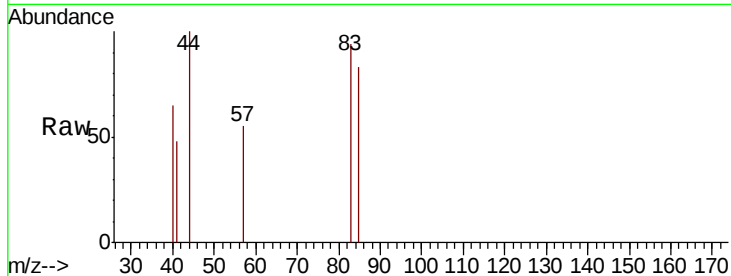
Tot Ion: 83 Resp: 601

Ion Ratio Lower Upper

83 100

85 89.1 42.6 79.2#

127 0.0 6.6 9.8#



#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VV015470.D

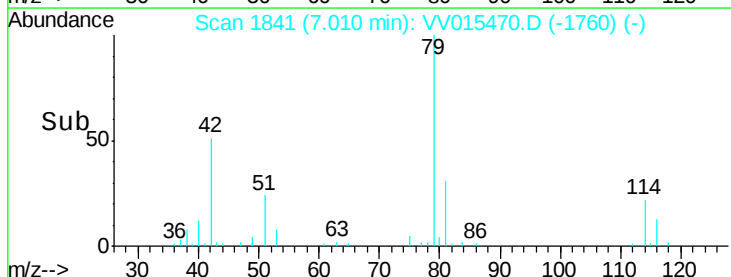
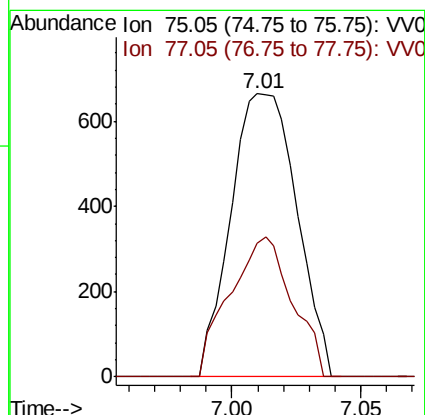
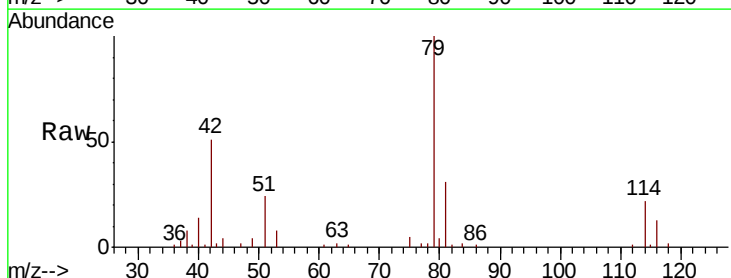
Acq: 14 Apr 2020 18:49

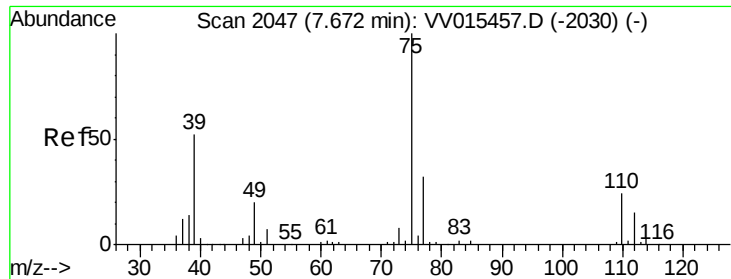
Tgt Ion: 75 Resp: 1187

Ion Ratio Lower Upper

75 100

77 47.4 23.0 42.6#

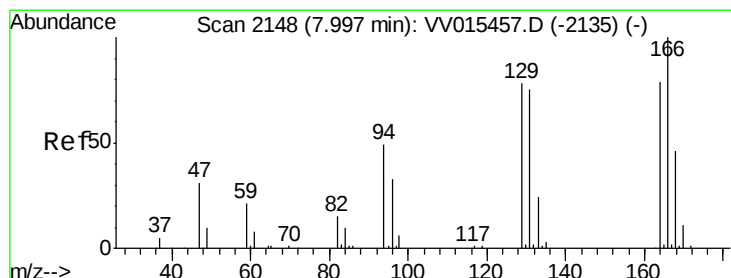
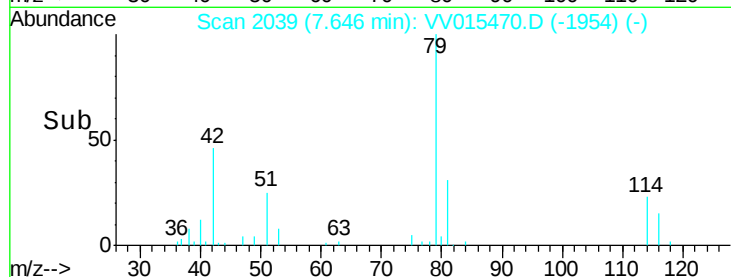
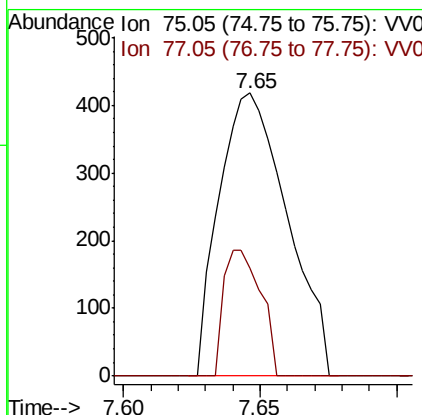
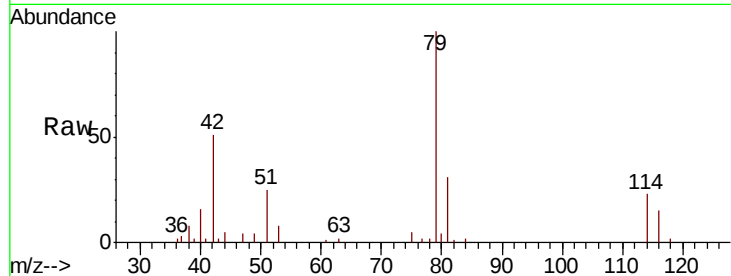




#44
trans-1,3-Dichloropropene
Concen: 0.070 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV015470.D
Acq: 14 Apr 2020 18:49

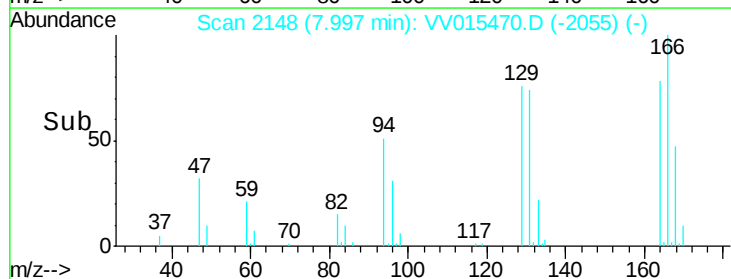
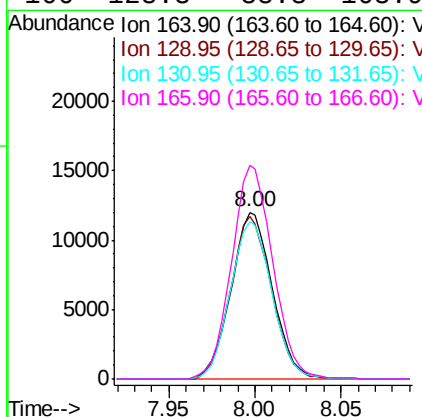
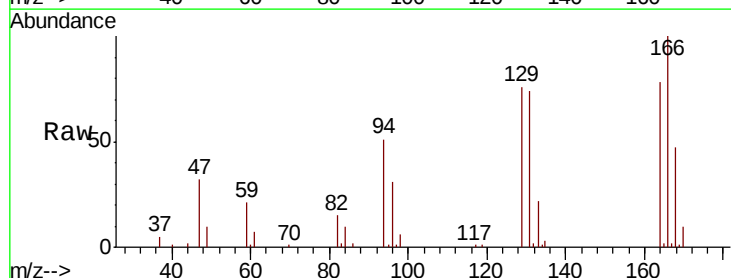
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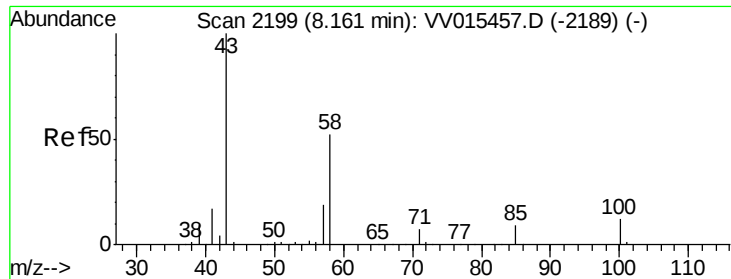
Tot Ion: 75 Resp: 727
Ion Ratio Lower Upper
75 100
77 38.0 21.0 39.0



#47
Tetrachloroethene
Concen: 3.121 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV015470.D
Acq: 14 Apr 2020 18:49

Tgt Ion: 164 Resp: 19973
Ion Ratio Lower Upper
164 100
129 97.4 70.6 131.0
131 94.6 68.3 126.8
166 128.3 88.3 163.9

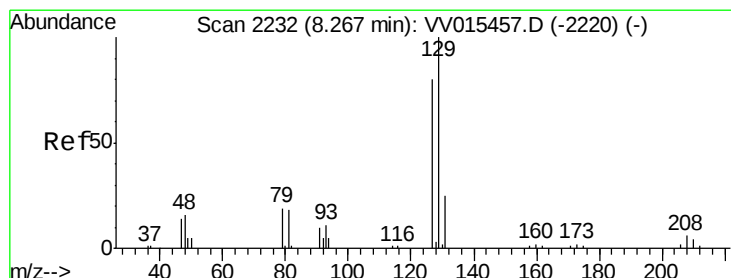
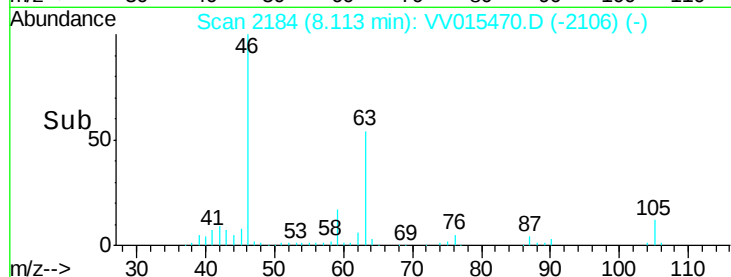
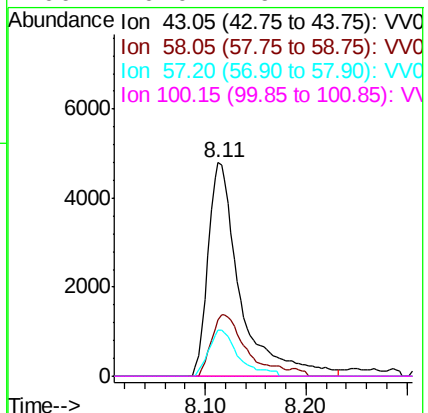
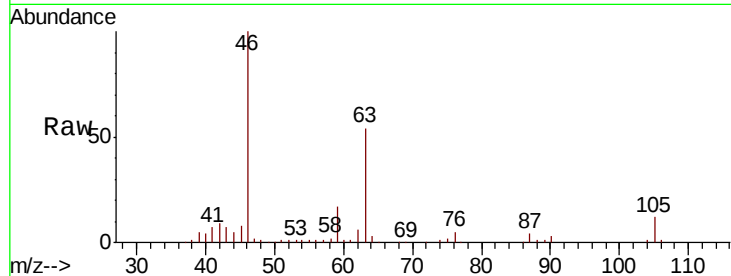




#48
2-Hexanone
Concen: 2.891 ug/L
RT: 8.11 min Scan# 2184
Delta R.T. -0.05 min
Lab File: VV015470.D
Acq: 14 Apr 2020 18:49

Instrument :
MSVOA_V
ClientSampled :
YAQ90

Tot Ion: 43 Resp: 10559
Ion Ratio Lower Upper
43 100
58 31.1 41.4 62.0#
57 20.2 15.0 22.4
100 0.0 9.4 14.2#



#49
Dibromochloromethane
Concen: 2.952 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV015470.D
Acq: 14 Apr 2020 18:49

Tgt Ion: 129 Resp: 18920
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.7#

