

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042920\
 Data File : VV015799.D
 Acq On : 29 Apr 2020 17:49
 Operator : SY/MD
 Sample : L2410-20
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBFF6

Quant Time: Apr 30 01:41:22 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	121563	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	122955	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	57649	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	35826	5.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.80%
7) Chloroethane-d5	1.58	69	33209	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.40%
11) 1,1-Dichloroethene-d2	2.12	63	53177	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	3.91	46	89714	43.98	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.96%
24) Chloroform-d	4.38	84	60547	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.80%
26) 1,2-Dichloroethane-d4	5.06	65	39295	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.08	84	133088	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.09	67	41928	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	7.34	98	117473	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	7.64	79	13911	3.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.60%
46) 2-Hexanone-d5	8.11	63	58606	33.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.28%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	27397	3.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	43082	4.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.00%

Target Compounds

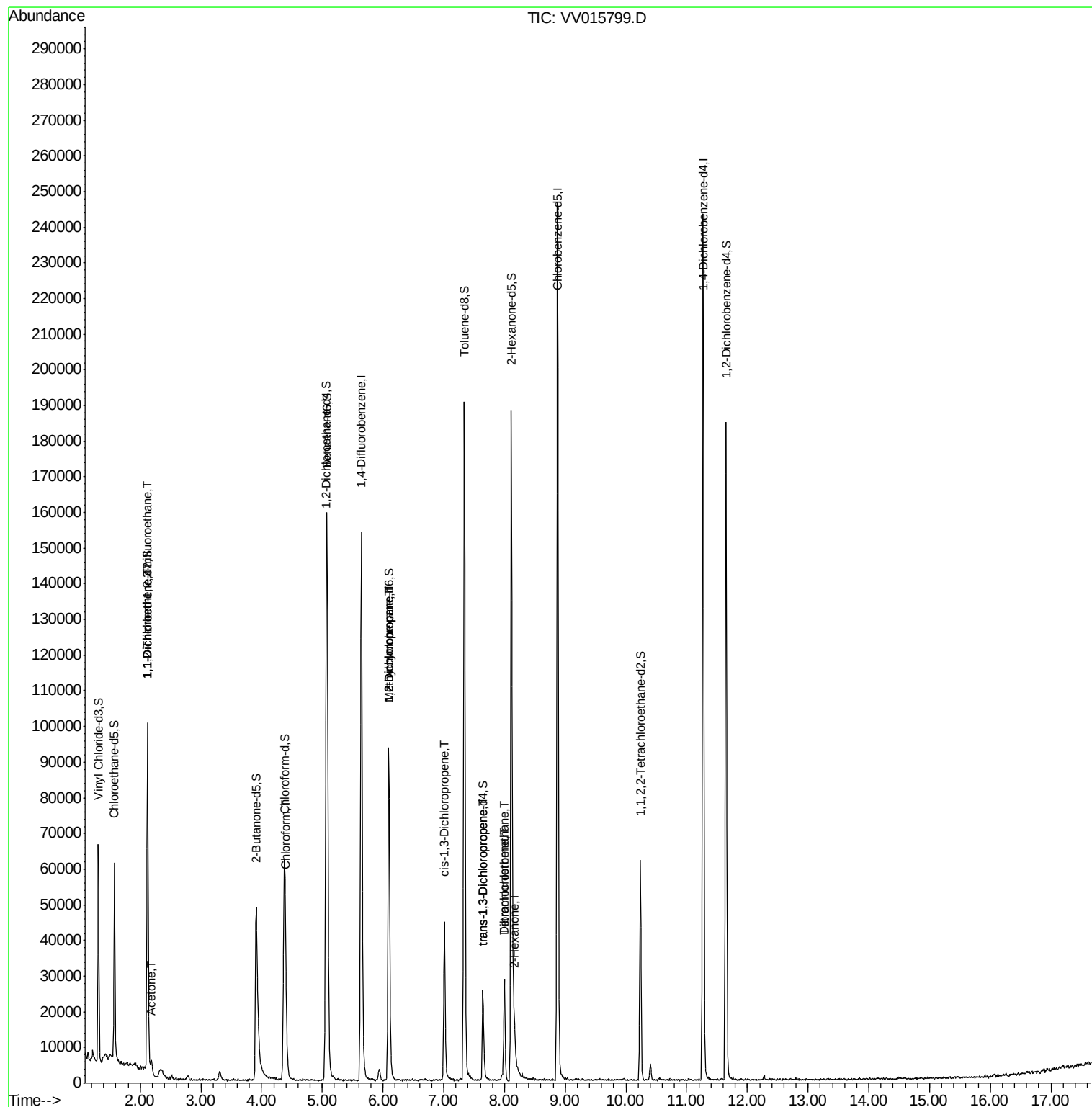
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	539	0.071 ug/L #	22
12) 1,1-Dichloroethene	2.13	96	666	0.094 ug/L #	1
13) Acetone	2.18	43	4175	2.948 ug/L	94
25) Chloroform	4.40	83	10990	0.665 ug/L	95
35) Methylcyclohexane	6.10	83	10687	0.718 ug/L #	16
37) 1,2-Dichloropropane	6.09	63	5318	0.596 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1219	0.098 ug/L #	63
44) trans-1,3-Dichloropropene	7.64	75	739	0.071 ug/L	95
47) Tetrachloroethene	8.00	164	5678	0.813 ug/L	93
48) 2-Hexanone	8.17	43	4929	1.193 ug/L #	95
49) Dibromochloromethane	8.00	129	5767	0.916 ug/L #	12

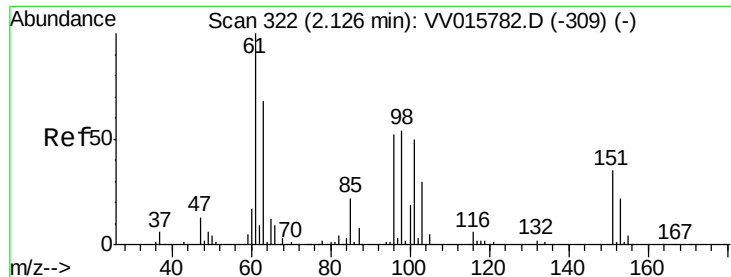
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 30 01:35:08 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.071 ug/L

RT: 2.13 min Scan# 322

Delta R.T. 0.00 min

Lab File: VV015799.D

Acq: 29 Apr 2020 17:49

Instrument :

MSVOA_V

ClientSampleId :

DBFF6

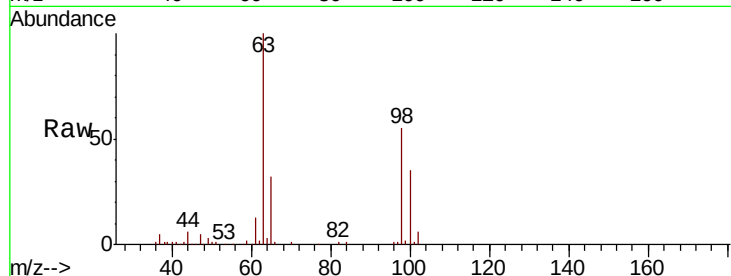
Tot Ion:101 Resp: 539

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

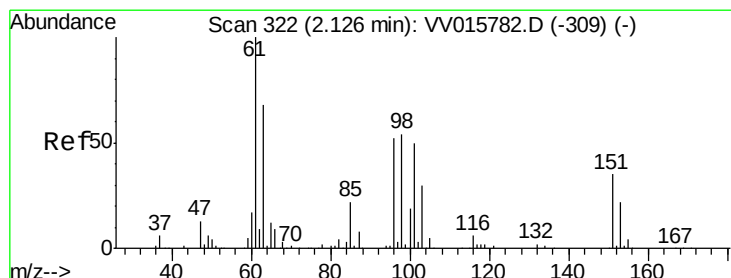
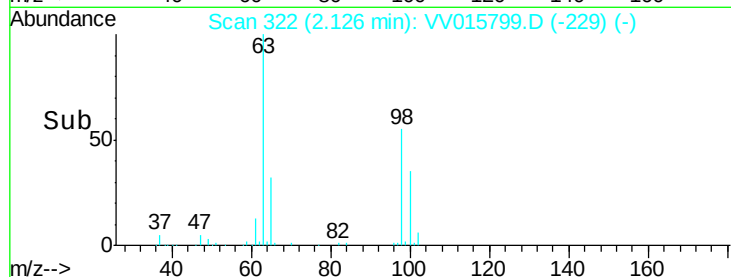
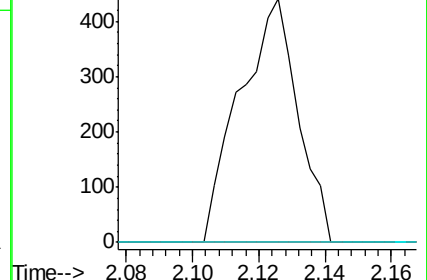
151 0.0 55.2 82.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.094 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV015799.D

Acq: 29 Apr 2020 17:49

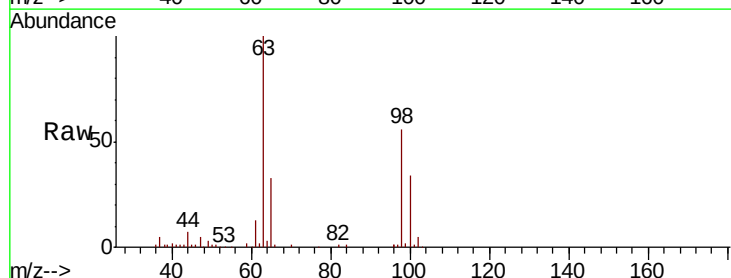
Tgt Ion: 96 Resp: 666

Ion Ratio Lower Upper

96 100

61 607.1 130.1 241.7#

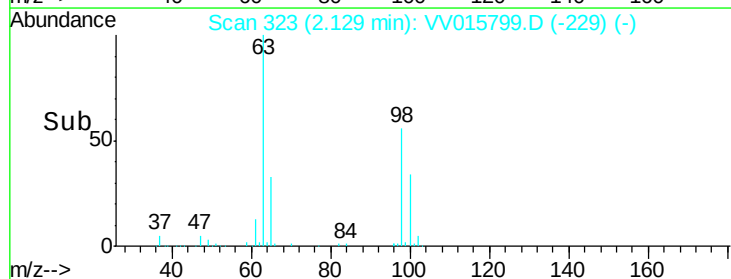
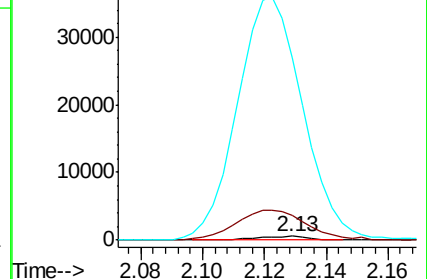
63 4549.2 91.4 169.8#

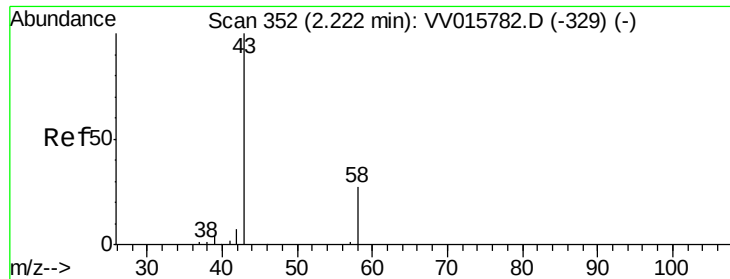


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.948 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.04 min

Lab File: VV015799.D

Acq: 29 Apr 2020 17:49

Instrument :

MSVOA_V

ClientSampleId :

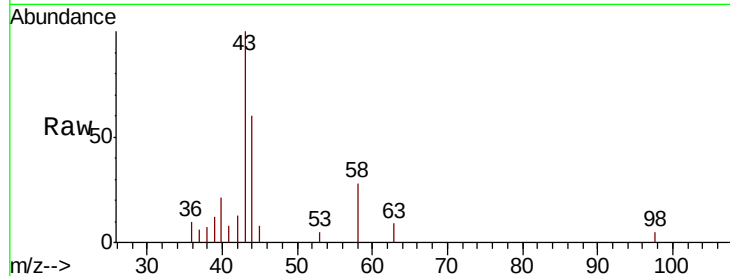
DBFF6

Tot Ion: 43 Resp: 4175

Ion Ratio Lower Upper

43 100

58 32.0 0.0 57.6



Abundance Ion 43.05 (42.75 to 43.75): VV015782.D (-329) (-)

Ion 58.05 (57.75 to 58.75): VV015782.D (-329) (-)

2500

2000

1500

1000

500

0

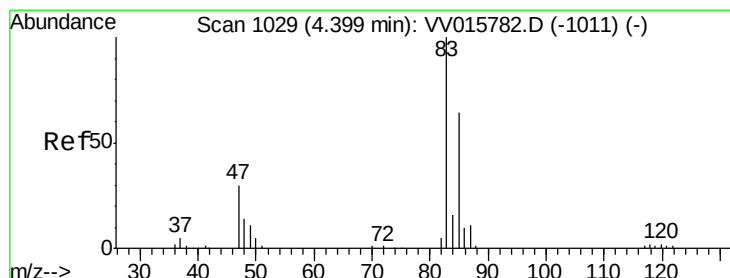
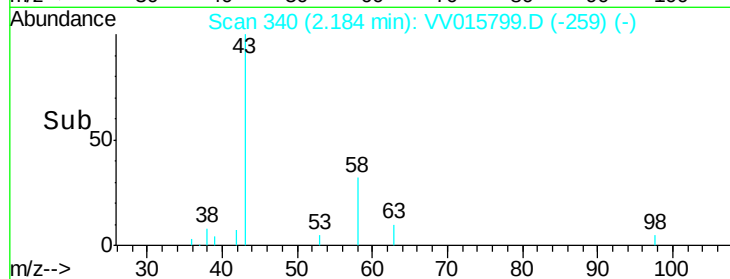
2.18

2.15

2.20

2.25

Time-->



#25

Chloroform

Concen: 0.665 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV015799.D

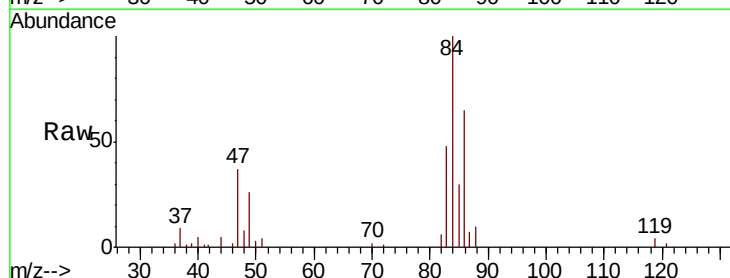
Acq: 29 Apr 2020 17:49

Tgt Ion: 83 Resp: 10990

Ion Ratio Lower Upper

83 100

85 62.2 46.1 85.5



Abundance Ion 83.05 (82.75 to 83.75): VV015782.D (-1011) (-)

Ion 85.00 (84.70 to 85.70): VV015782.D (-1011) (-)

4000

3000

2000

1000

0

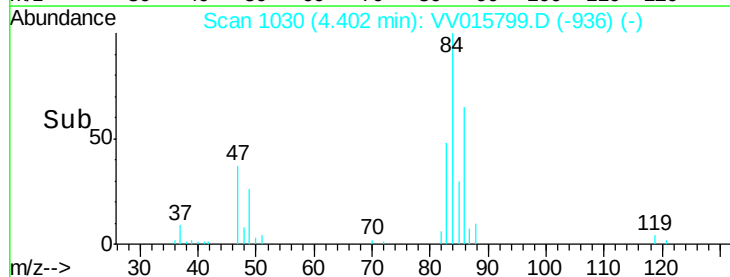
4.40

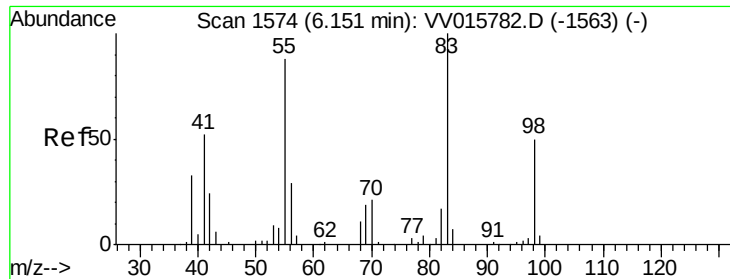
4.35

4.45

4.50

Time-->

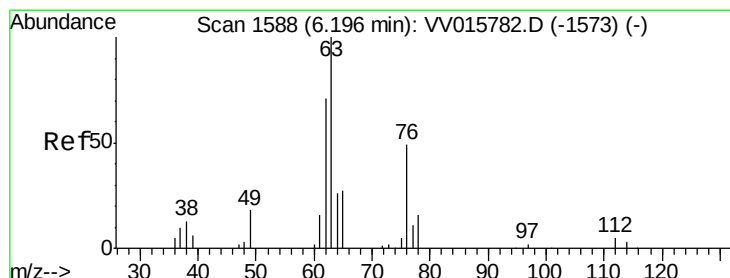
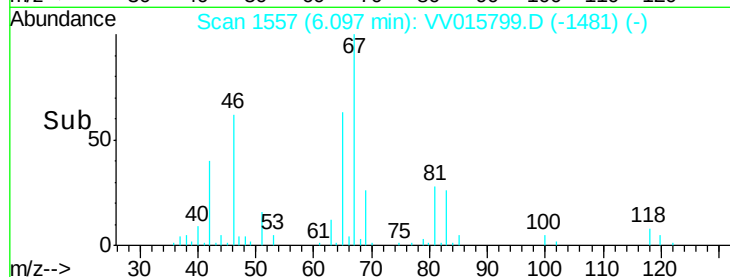
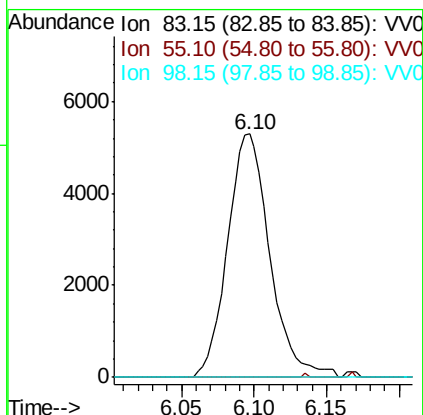
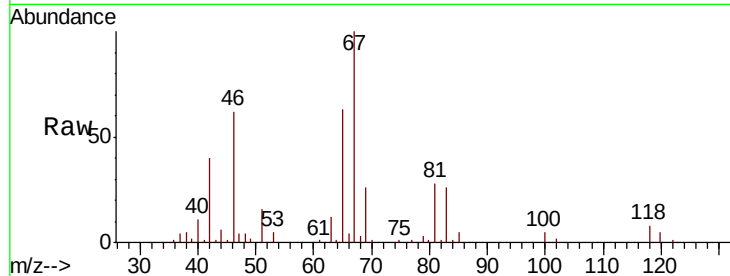




#35
Methylvlcyclohexane
Concen: 0.718 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV015799.D
Acq: 29 Apr 2020 17:49

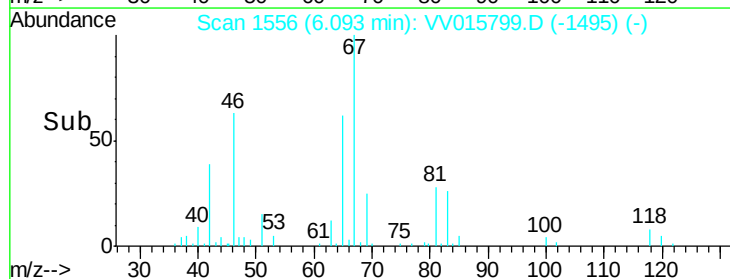
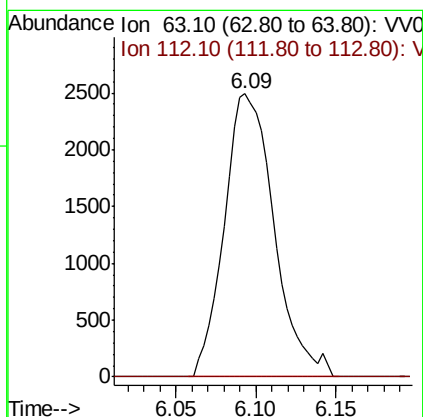
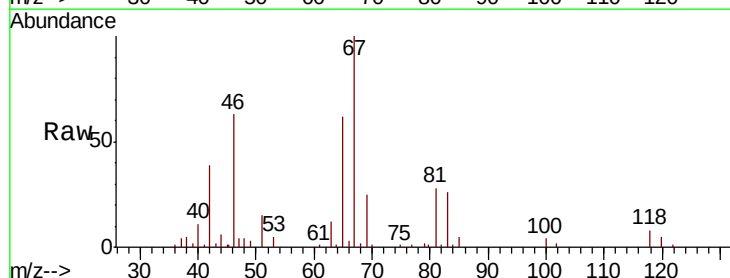
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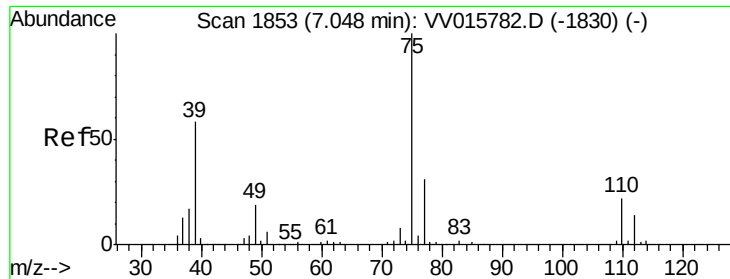
Tot Ion: 83 Resp: 10687
Ion Ratio Lower Upper
83 100
55 0.2 66.6 99.8#
98 1.9 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.596 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV015799.D
Acq: 29 Apr 2020 17:49

Tgt Ion: 63 Resp: 5318
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#

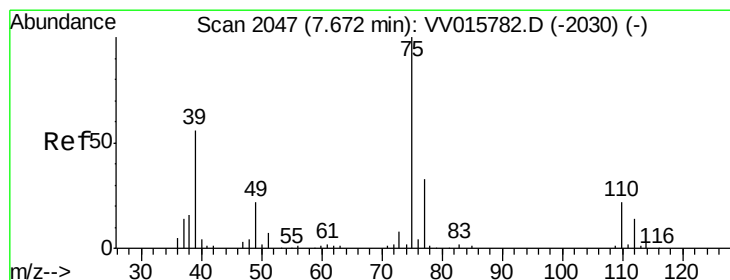
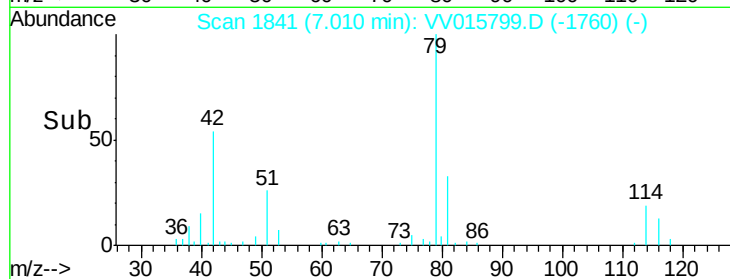
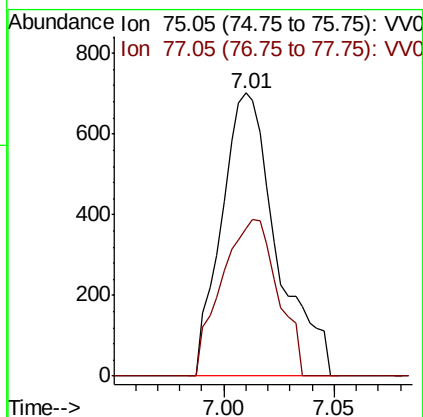
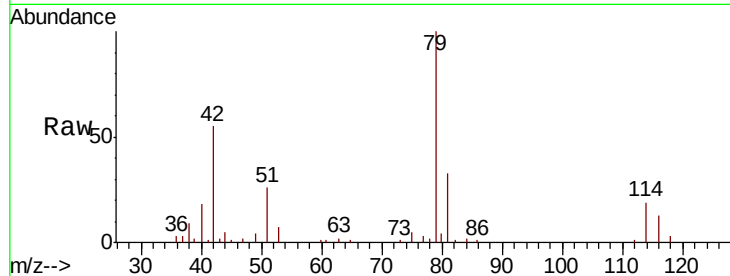




#39
 cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015799.D
 Acq: 29 Apr 2020 17:49

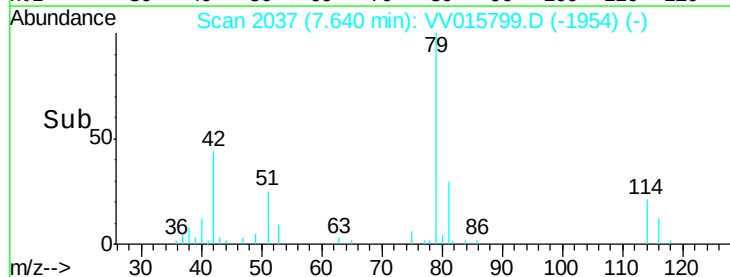
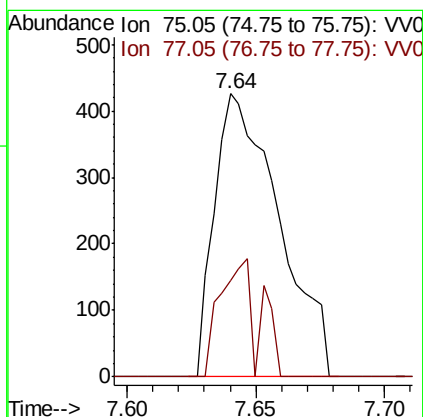
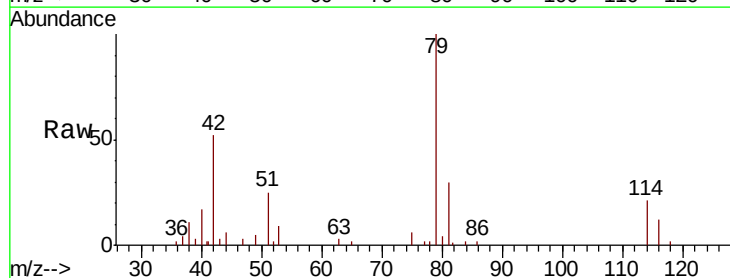
Instrument :
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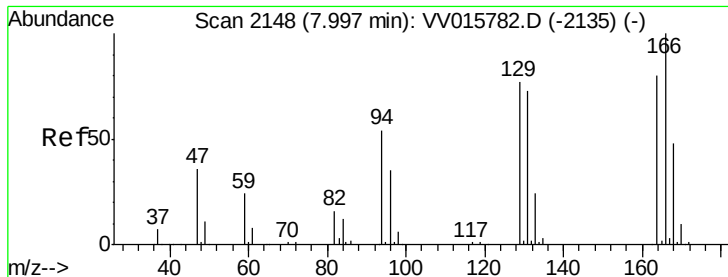
Tot Ion: 75 Resp: 1219
 Ion Ratio Lower Upper
 75 100
 77 52.3 22.3 41.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.071 ug/L
 RT: 7.64 min Scan# 2037
 Delta R.T. -0.03 min
 Lab File: VV015799.D
 Acq: 29 Apr 2020 17:49

Tgt Ion: 75 Resp: 739
 Ion Ratio Lower Upper
 75 100
 77 34.0 21.8 40.6

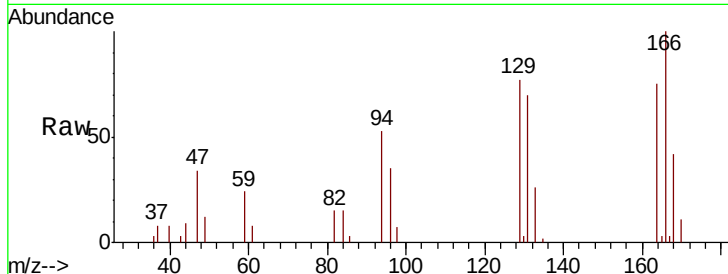




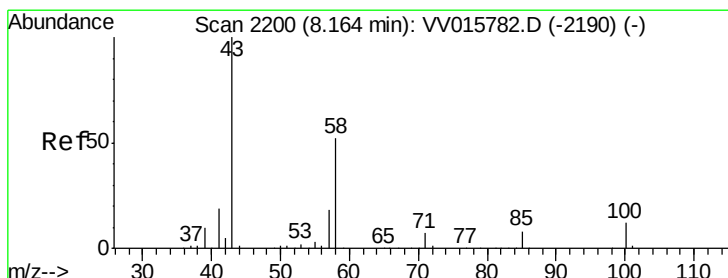
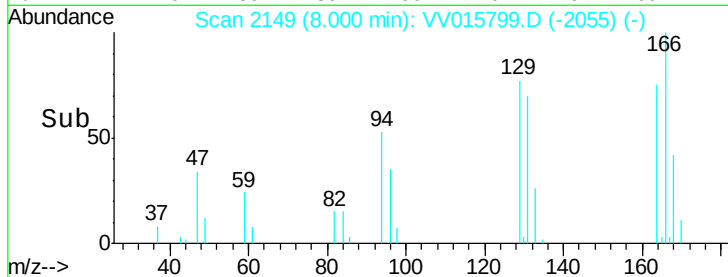
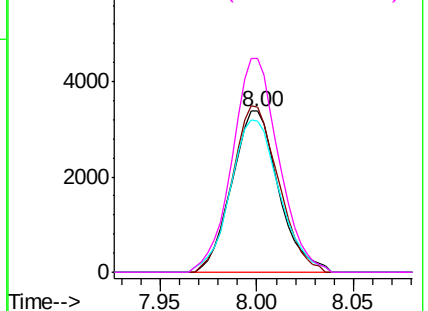
#47
Tetrachloroethene
Concen: 0.813 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. 0.00 min
Lab File: VV015799.D
Acq: 29 Apr 2020 17:49

Instrument :
MSVOA_V
ClientSampleId :
DBFF6

Tot Ion:164 Resp: 5678
Ion Ratio Lower Upper
164 100
129 102.5 66.7 123.9
131 93.4 66.6 123.6
166 132.6 85.3 158.5

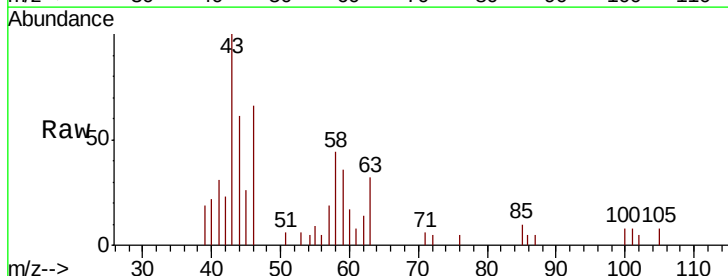


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

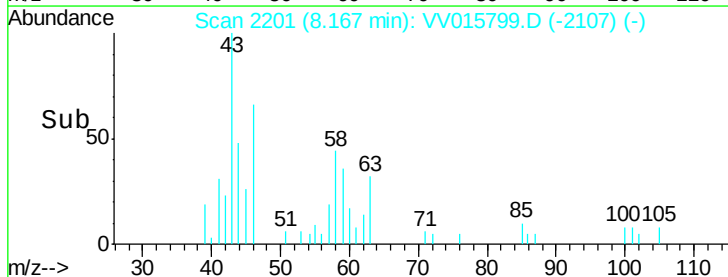
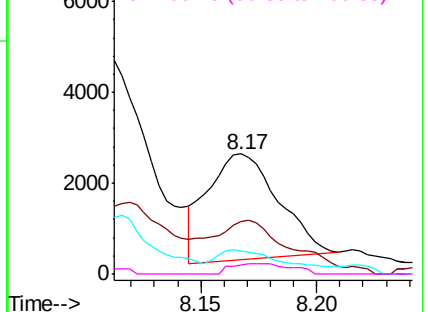


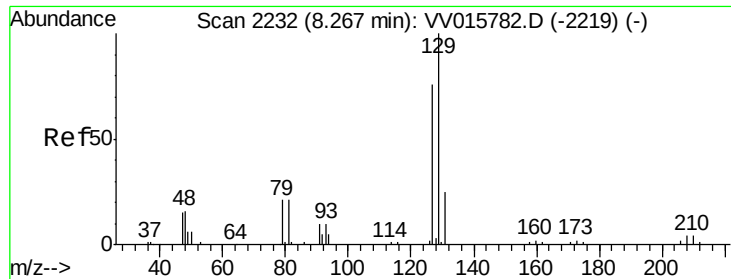
#48
2-Hexanone
Concen: 1.193 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.00 min
Lab File: VV015799.D
Acq: 29 Apr 2020 17:49

Tgt Ion: 43 Resp: 4929
Ion Ratio Lower Upper
43 100
58 49.9 41.1 61.7
57 22.9 15.0 22.4#
100 8.4 9.0 13.4#



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0





#49

Dibromochloromethane

Concen: 0.916 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV015799.D

Acq: 29 Apr 2020 17:49

Instrument :

MSVOA_V

ClientSampleId :

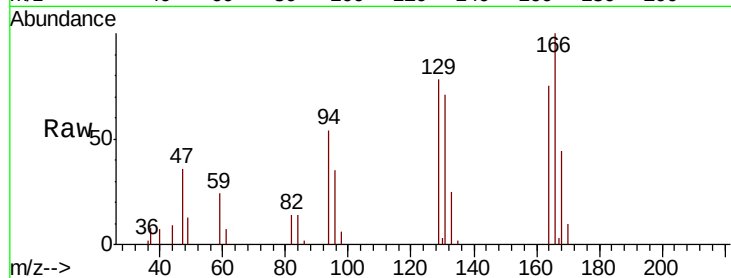
DBFF6

Tot Ion:129 Resp: 5767

Ion Ratio Lower Upper

129 100

127 0.0 52.6 97.8#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

