

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042920\
 Data File : VV015795.D
 Acq On : 29 Apr 2020 16:15
 Operator : SY/MD
 Sample : L2421-15
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 30 01:40:25 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	123289	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	121660	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	56246	5.00	ug/L	0.00

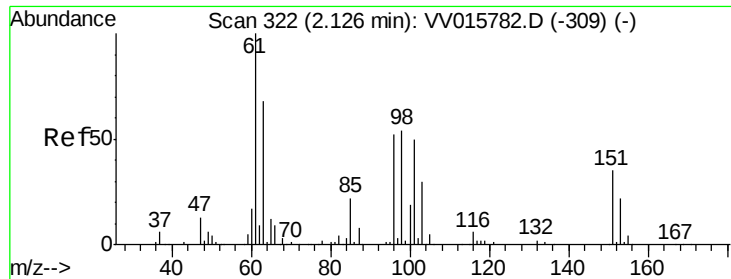
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	39526	6.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	122.80%
7) Chloroethane-d5	1.58	69	35581	5.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.60%
11) 1,1-Dichloroethene-d2	2.12	63	57347	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.40%
20) 2-Butanone-d5	3.91	46	96406	46.60	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.20%
24) Chloroform-d	4.38	84	65051	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	5.06	65	43140	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.08	84	146329	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.10	67	45851	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.34	98	128608	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	7.64	79	14671	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
46) 2-Hexanone-d5	8.11	63	67017	38.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.60%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	29685	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	47741	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	608	0.078	ug/L #	22
13) Acetone	2.18	43	4034	2.808	ug/L	96
22) cis-1,2-Dichloroethene	3.94	96	1179	0.133	ug/L	73
25) Chloroform	4.40	83	11506	0.687	ug/L	98
34) Trichloroethene	5.95	95	2238	0.233	ug/L	93
35) Methylcyclohexane	6.09	83	11518	0.782	ug/L #	16
37) 1,2-Dichloropropane	6.09	63	5780	0.654	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1610	0.131	ug/L	91
44) trans-1,3-Dichloropropene	7.64	75	959	0.093	ug/L	88
47) Tetrachloroethene	8.00	164	731	0.106	ug/L	90
48) 2-Hexanone	8.17	43	5449	1.333	ug/L #	97
49) Dibromochloromethane	8.00	129	642	0.103	ug/L #	12

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



#10

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

Concen: 0.078 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

Lab File: VV015795.D

Acq: 29 Apr 2020 16:15

Instrument :

MSVOA_V

ClientSampleId :

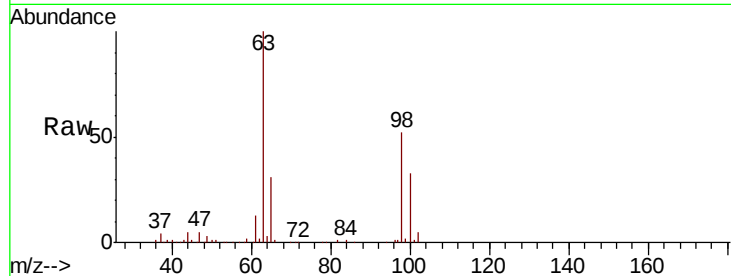
Tot Ion:101 Resp: 608

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

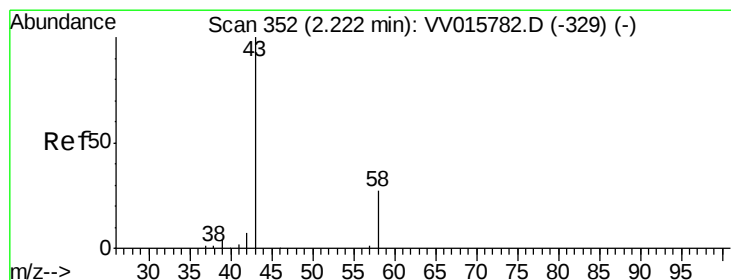
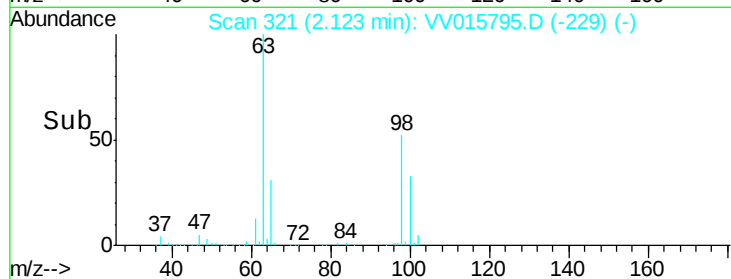
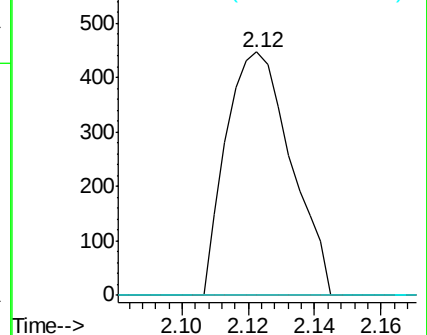
151 0.0 55.2 82.8#



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



#13

Acetone

Concen: 2.808 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.04 min

Lab File: VV015795.D

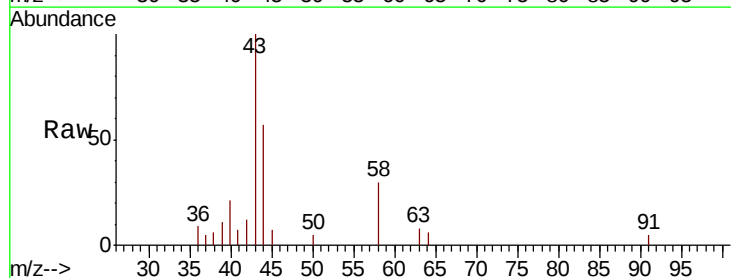
Acq: 29 Apr 2020 16:15

Tgt Ion: 43 Resp: 4034

Ion Ratio Lower Upper

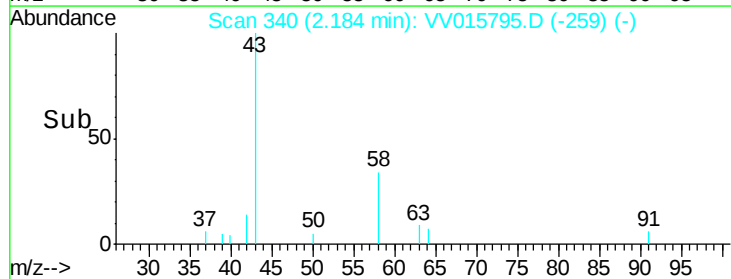
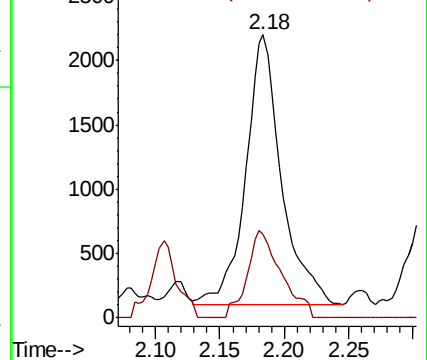
43 100

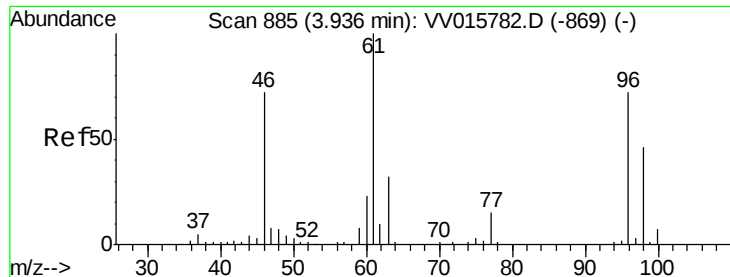
58 30.7 0.0 57.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

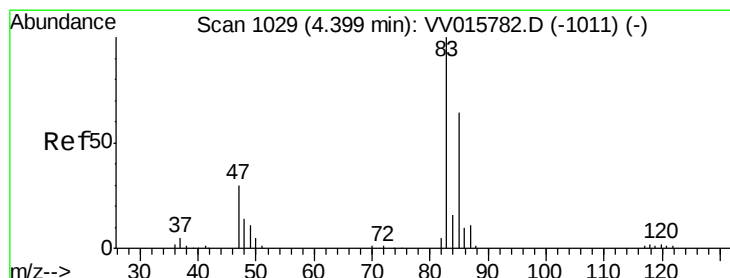
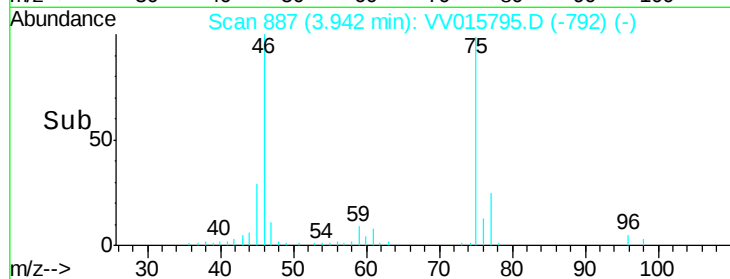
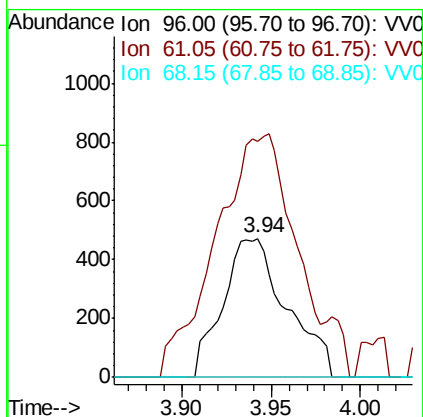
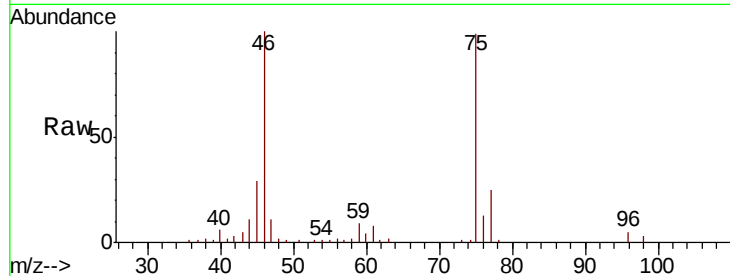




#22
 cis-1,2-Dichloroethene
 Concen: 0.133 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV015795.D
 Acq: 29 Apr 2020 16:15

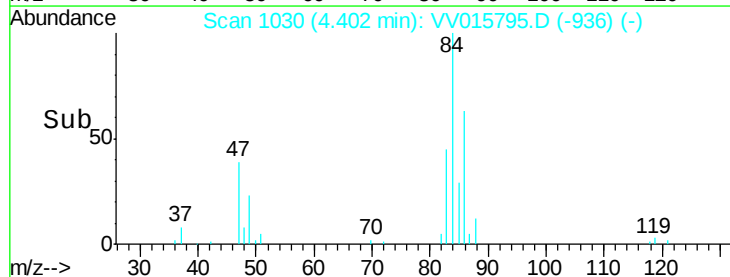
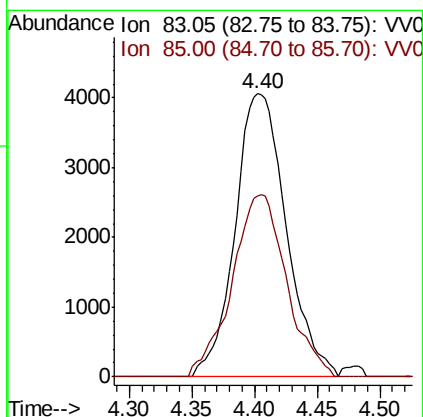
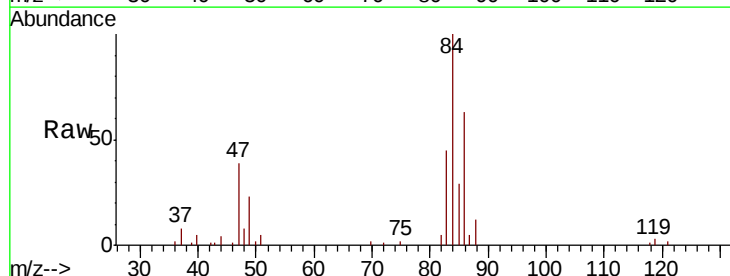
Instrument :
 MSVOA_V
 ClientSampleId :

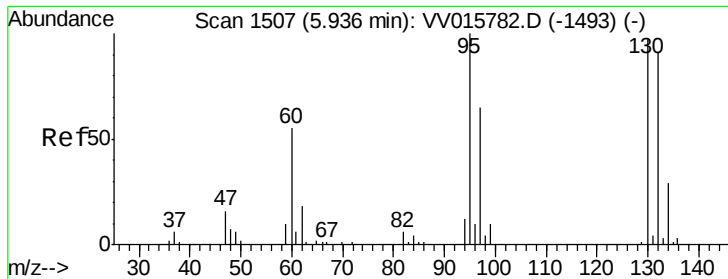
Tot Ion: 96 Resp: 1179
 Ion Ratio Lower Upper
 96 100
 61 169.7 96.4 179.0
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.687 ug/L
 RT: 4.40 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VV015795.D
 Acq: 29 Apr 2020 16:15

Tgt Ion: 83 Resp: 11506
 Ion Ratio Lower Upper
 83 100
 85 64.0 46.1 85.5

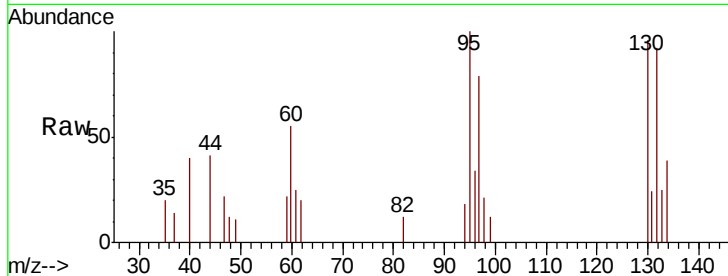




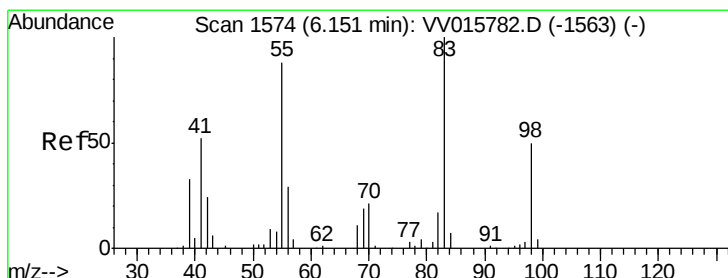
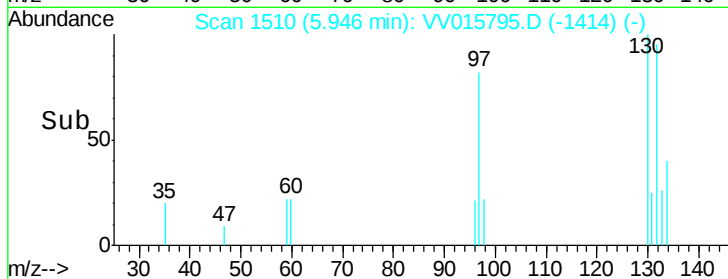
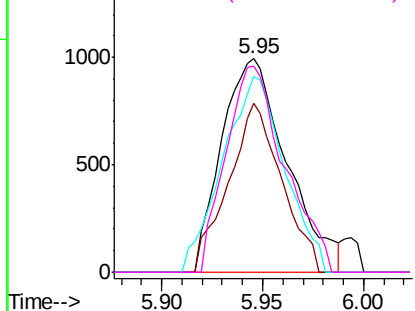
#34
 Trichloroethene
 Concen: 0.233 ug/L
 RT: 5.95 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VV015795.D
 Acq: 29 Apr 2020 16:15

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 95 Resp: 2238
 Ion Ratio Lower Upper
 95 100
 97 79.3 44.7 82.9
 132 91.6 65.2 121.0
 130 96.4 65.0 120.6

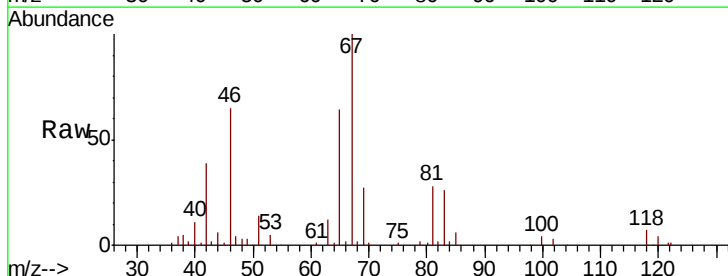


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

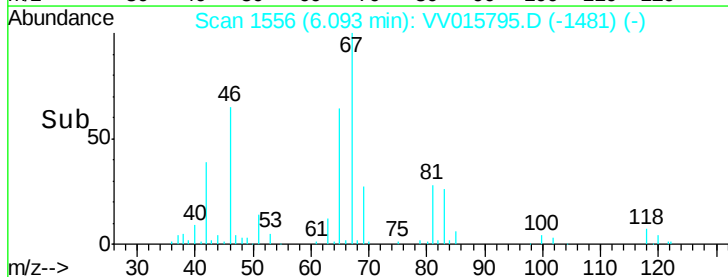
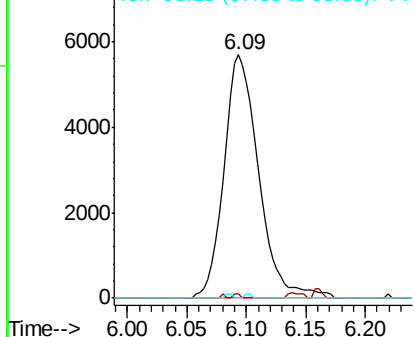


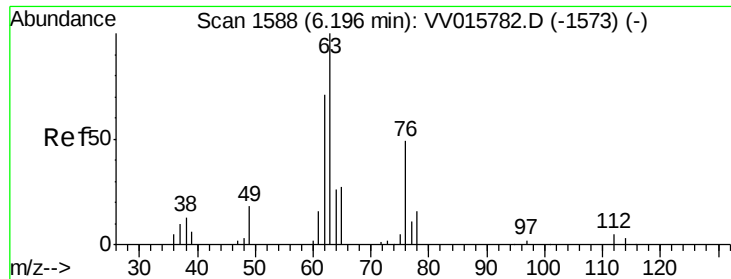
#35
 Methylcyclohexane
 Concen: 0.782 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.06 min
 Lab File: VV015795.D
 Acq: 29 Apr 2020 16:15

Tgt Ion: 83 Resp: 11518
 Ion Ratio Lower Upper
 83 100
 55 0.3 66.6 99.8#
 98 0.4 39.5 59.3#



Abundance Ion 83.15 (82.85 to 83.85): VV0
 Ion 55.10 (54.80 to 55.80): VV0
 Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.654 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV015795.D

Acq: 29 Apr 2020 16:15

Instrument :

MSVOA_V

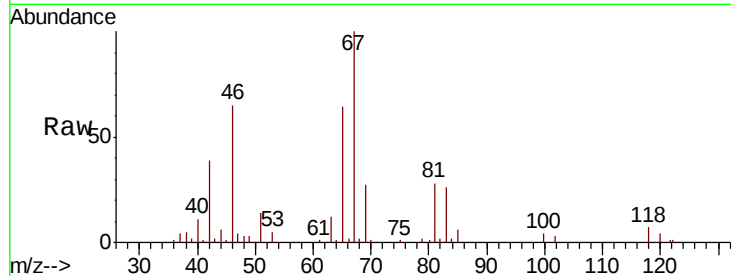
ClientSampleId :

Tot Ion: 63 Resp: 5780

Ion Ratio Lower Upper

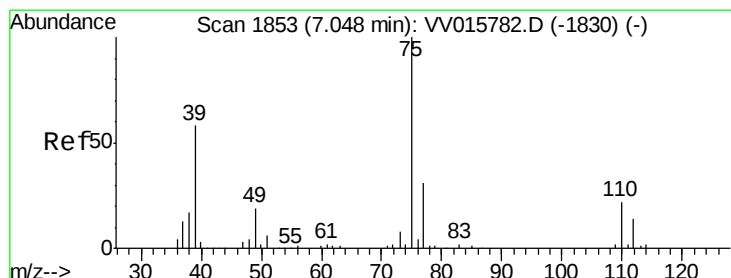
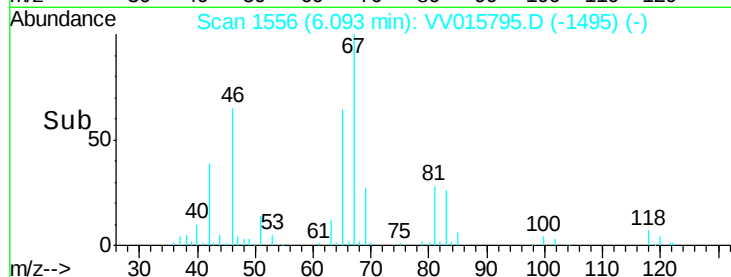
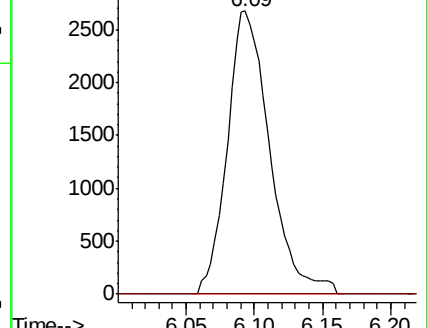
63 100

112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV015782.D (-1573) (-)

Ion 112.10 (111.80 to 112.80): VV015782.D (-1573) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.131 ug/L

RT: 7.01 min Scan# 1842

Delta R.T. -0.04 min

Lab File: VV015795.D

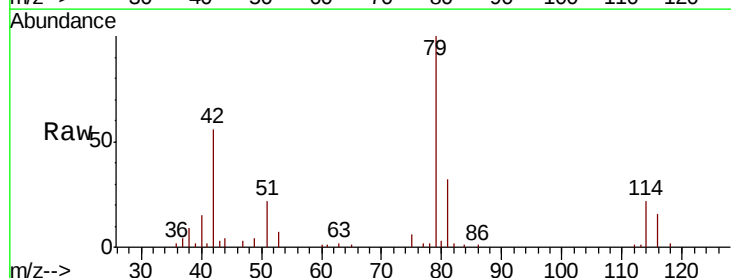
Acq: 29 Apr 2020 16:15

Tgt Ion: 75 Resp: 1610

Ion Ratio Lower Upper

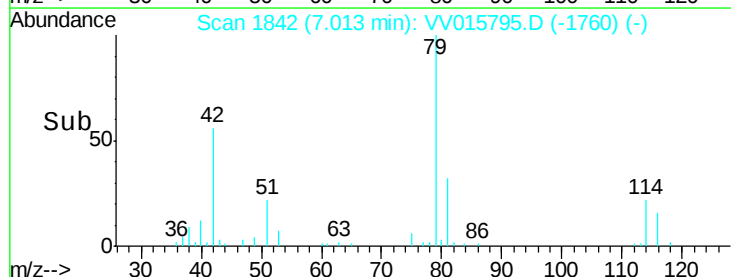
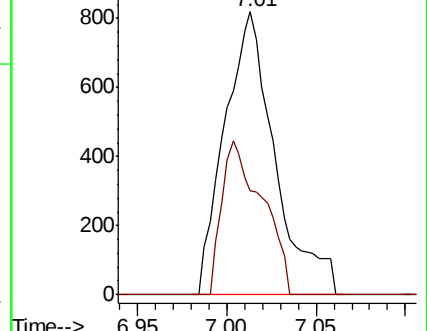
75 100

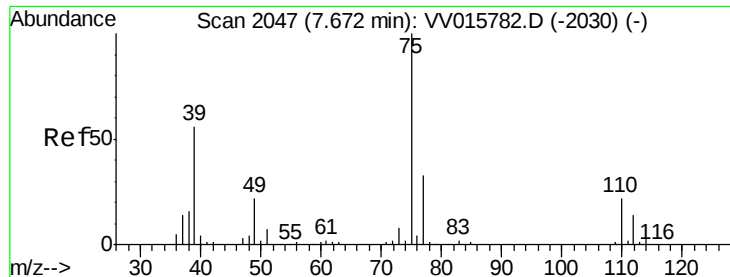
77 37.0 22.3 41.5



Abundance Ion 75.05 (74.75 to 75.75): VV015782.D (-1830) (-)

Ion 77.05 (76.75 to 77.75): VV015782.D (-1830) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV015795.D

Acq: 29 Apr 2020 16:15

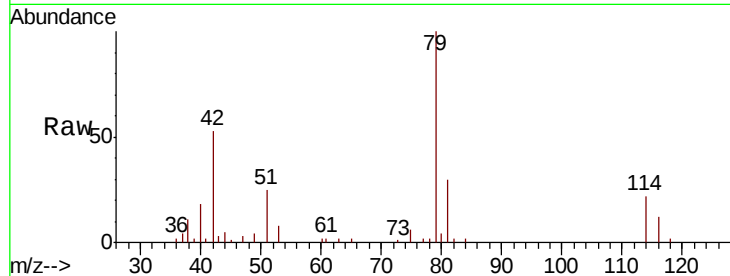
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 959

Ion Ratio Lower Upper

75 100

77 37.7 21.8 40.6



Abundance Ion 75.05 (74.75 to 75.75): VV015782.D (-2030) (-)

Ion 77.05 (76.75 to 77.75): VV015782.D (-2030) (-)

7.64

500

400

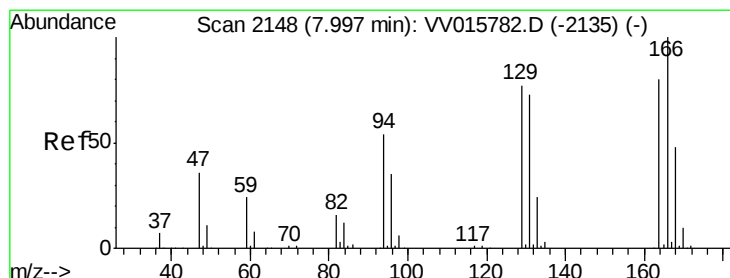
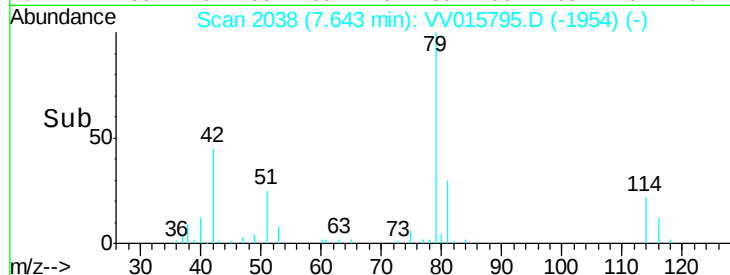
300

200

100

0

Time--> 7.60 7.65 7.70



#47

Tetrachloroethene

Concen: 0.106 ug/L

RT: 8.00 min Scan# 2150

Delta R.T. 0.01 min

Lab File: VV015795.D

Acq: 29 Apr 2020 16:15

Tgt Ion:164 Resp: 731

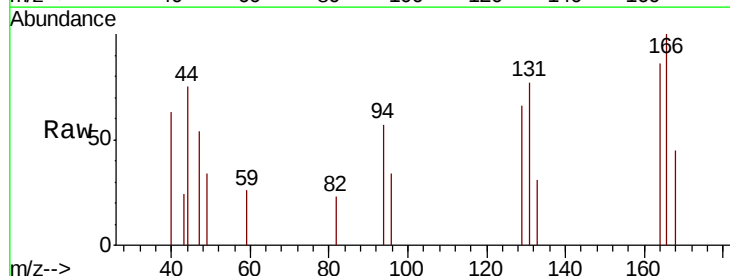
Ion Ratio Lower Upper

164 100

129 77.2 66.7 123.9

131 89.3 66.6 123.6

166 116.1 85.3 158.5



Abundance Ion 163.90 (163.60 to 164.60): VV015782.D (-2135) (-)

Ion 128.95 (128.65 to 129.65): VV015782.D (-2135) (-)

Ion 130.95 (130.65 to 131.65): VV015782.D (-2135) (-)

Ion 165.90 (165.60 to 166.60): VV015782.D (-2135) (-)

800

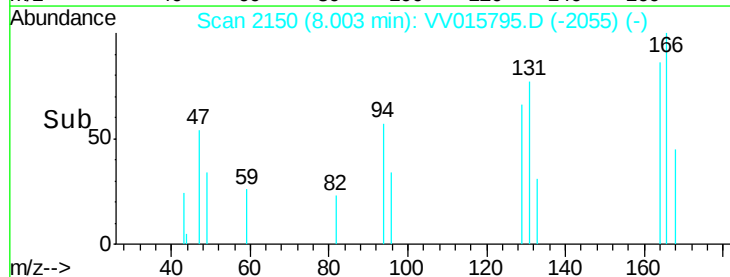
600

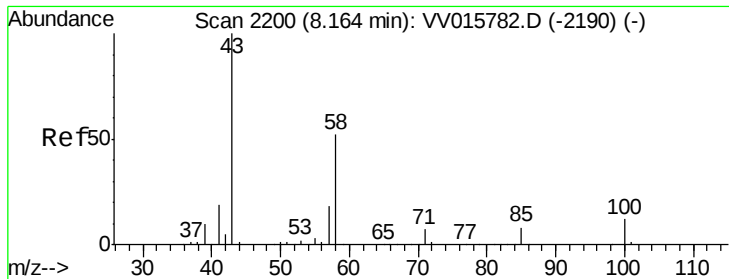
400

200

0

Time--> 7.96 7.98 8.00 8.02 8.04

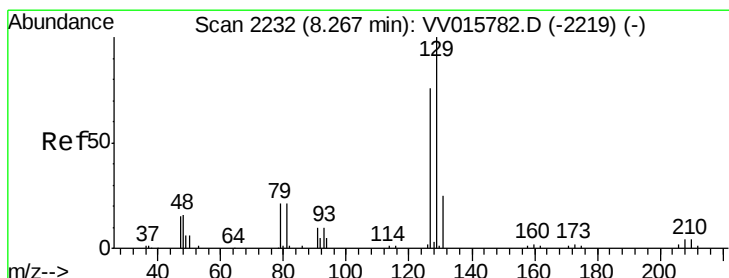
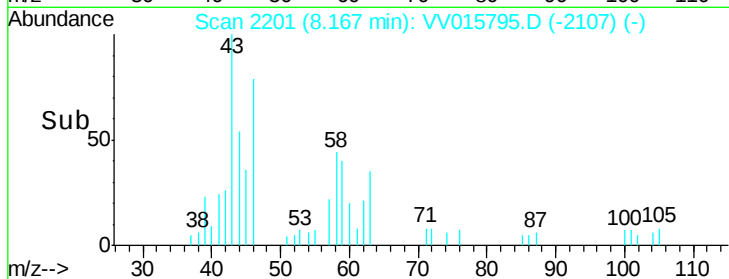
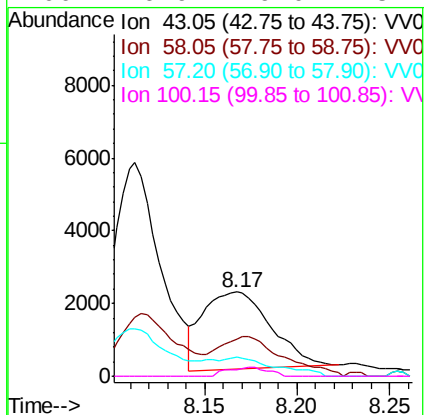
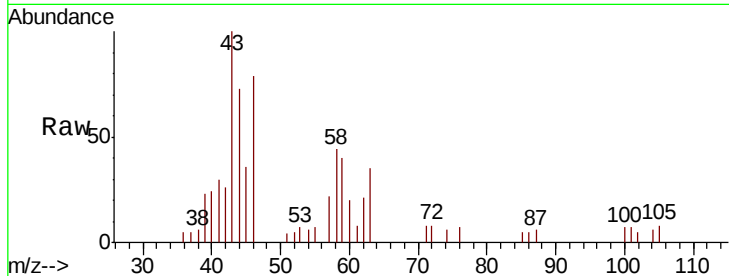




#48
2-Hexanone
Concen: 1.333 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.00 min
Lab File: VV015795.D
Acq: 29 Apr 2020 16:15

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 5449
Ion Ratio Lower Upper
43 100
58 49.8 41.1 61.7
57 18.8 15.0 22.4
100 6.9 9.0 13.4#



#49
Dibromochloromethane
Concen: 0.103 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV015795.D
Acq: 29 Apr 2020 16:15

Tgt Ion: 129 Resp: 642
Ion Ratio Lower Upper
129 100
127 0.0 52.6 97.8#

