

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042920\
 Data File : VV015794.D
 Acq On : 29 Apr 2020 15:51
 Operator : SY/MD
 Sample : L2421-11
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 30 01:40:11 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	117342	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	115360	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	53517	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	38532	6.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	125.60%
7) Chloroethane-d5	1.58	69	34096	5.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.40%
11) 1,1-Dichloroethene-d2	2.12	63	56042	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.60%
20) 2-Butanone-d5	3.91	46	91501	46.47	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.94%
24) Chloroform-d	4.38	84	68352	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.06	65	42177	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.08	84	140795	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.09	67	42677	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.34	98	124788	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	7.64	79	14147	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.11	63	63296	38.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.30%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	28251	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	46618	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

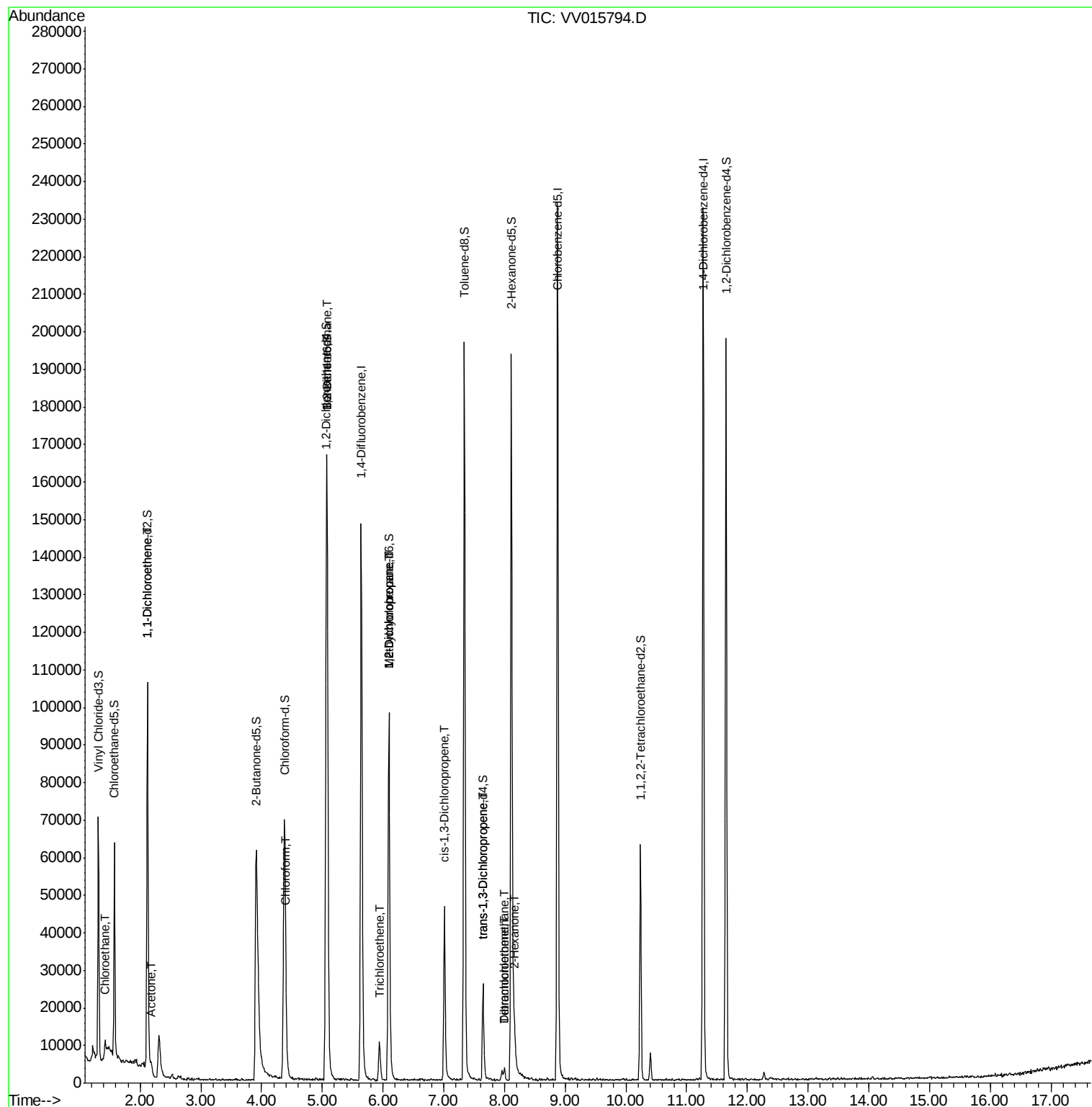
					Ovalue
8) Chloroethane	1.42	64	4696	0.770 ug/L #	55
12) 1,1-Dichloroethene	2.12	96	564	0.083 ug/L #	1
13) Acetone	2.18	43	2477	1.812 ug/L	90
25) Chloroform	4.41	83	5334	0.335 ug/L	89
27) 1,2-Dichloroethane	5.07	62	971	0.093 ug/L #	78
34) Trichloroethene	5.94	95	2904	0.319 ug/L	97
35) Methylcyclohexane	6.09	83	11236	0.804 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5265	0.628 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1413	0.121 ug/L #	71
44) trans-1,3-Dichloropropene	7.64	75	733	0.075 ug/L	91
47) Tetrachloroethene	8.00	164	660	0.101 ug/L	97
48) 2-Hexanone	8.17	43	5301	1.367 ug/L #	86
49) Dibromochloromethane	8.00	129	602	0.102 ug/L #	12

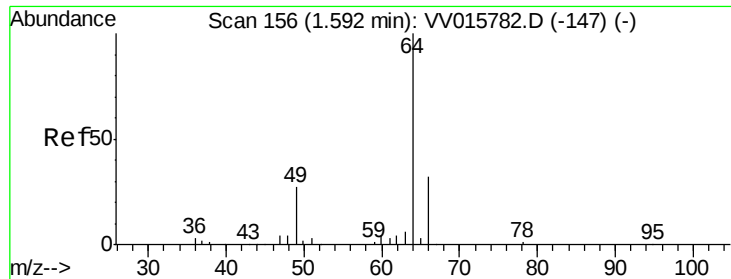
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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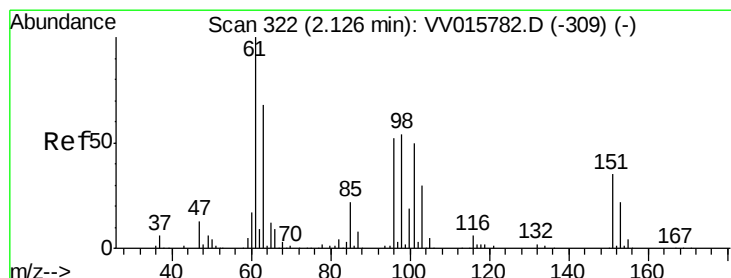
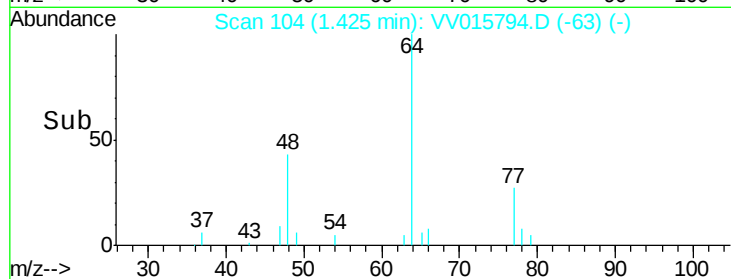
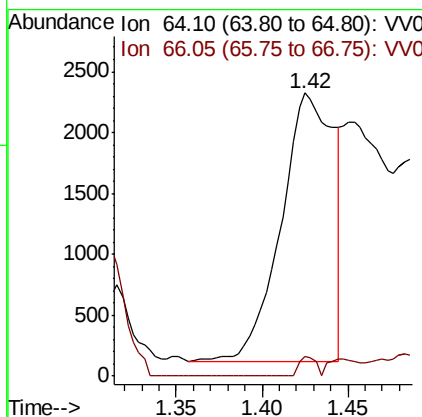
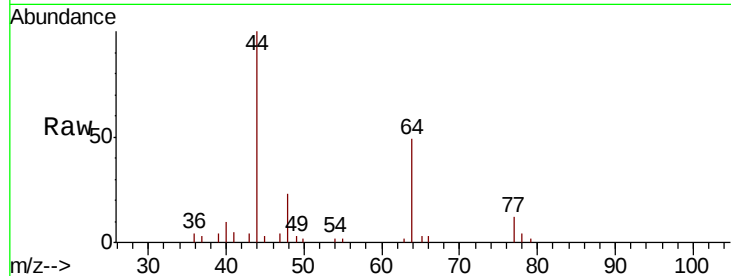




#8
Chloroethane
Concen: 0.770 ug/L
RT: 1.42 min Scan# 104
Delta R.T. -0.17 min
Lab File: VV015794.D
Acq: 29 Apr 2020 15:51

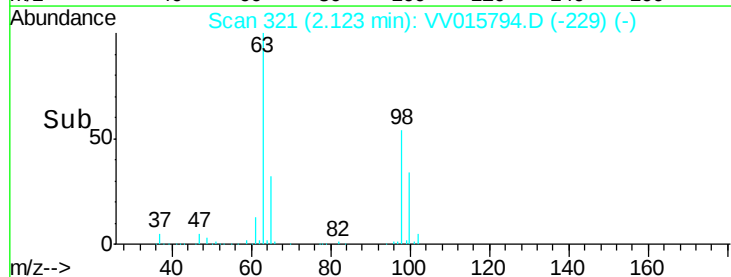
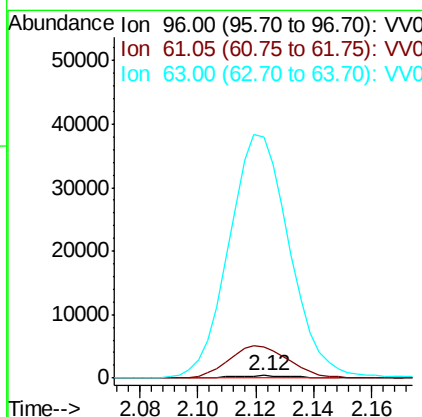
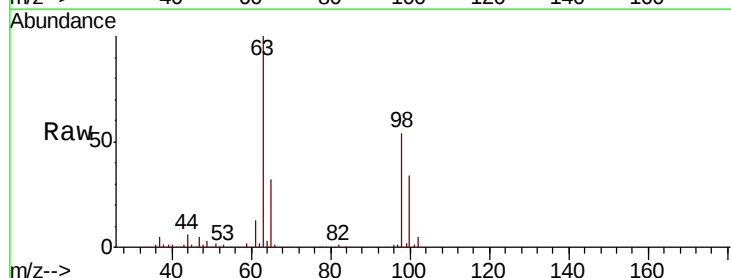
Instrument :
MSVOA_V
ClientSampled :

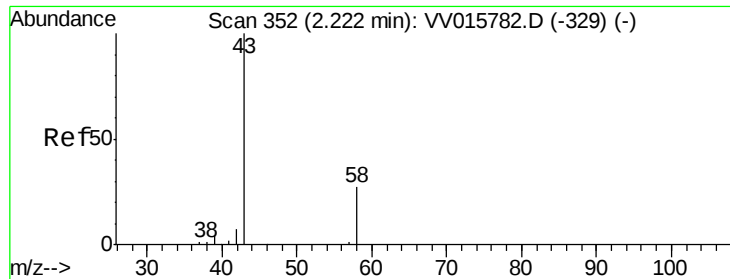
Tot Ion: 64 Resp: 4696
Ion Ratio Lower Upper
64 100
66 7.0 22.3 41.5#



#12
1,1-Dichloroethene
Concen: 0.083 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.00 min
Lab File: VV015794.D
Acq: 29 Apr 2020 15:51

Tgt Ion: 96 Resp: 564
Ion Ratio Lower Upper
96 100
61 1219.9 130.1 241.7#
63 9545.6 91.4 169.8#





#13

Acetone

Concen: 1.812 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.04 min

Lab File: VV015794.D

Acq: 29 Apr 2020 15:51

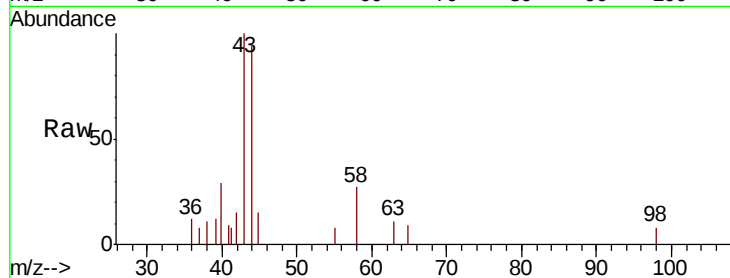
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 2477

Ion Ratio Lower Upper

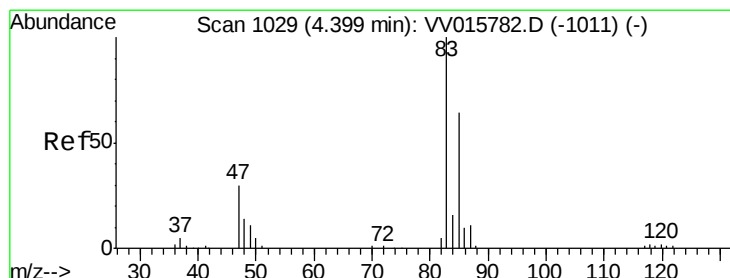
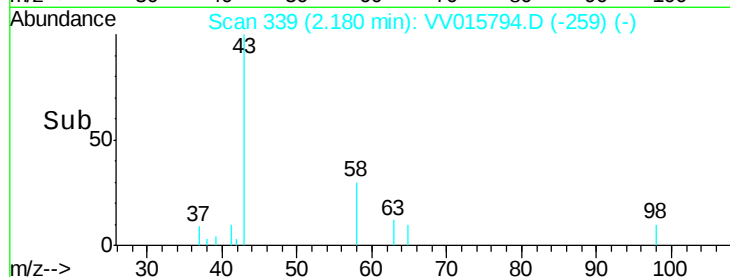
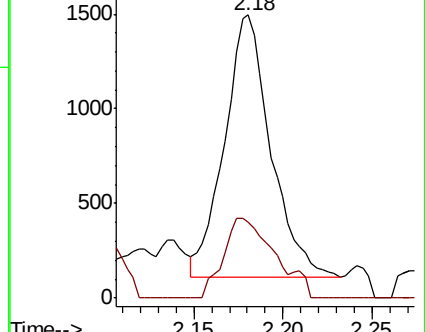
43 100

58 34.1 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) (-)



#25

Chloroform

Concen: 0.335 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VV015794.D

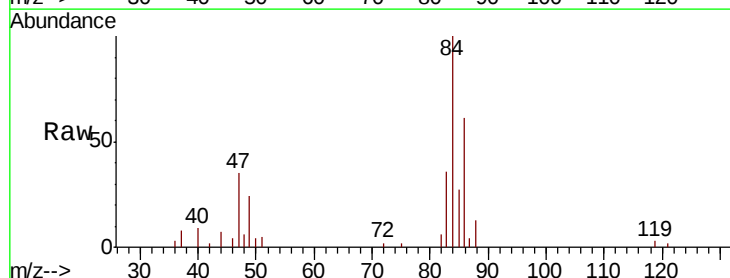
Acq: 29 Apr 2020 15:51

Tgt Ion: 83 Resp: 5334

Ion Ratio Lower Upper

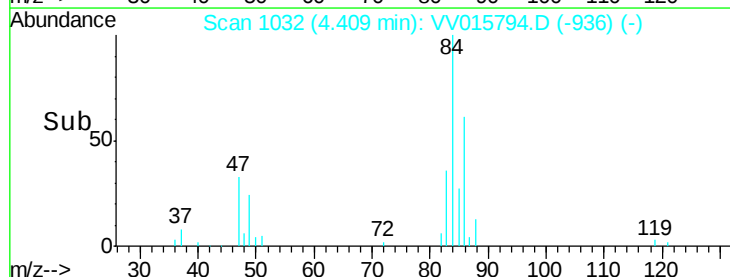
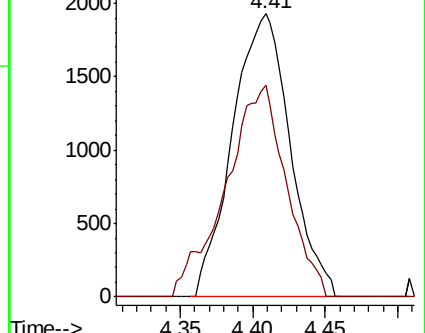
83 100

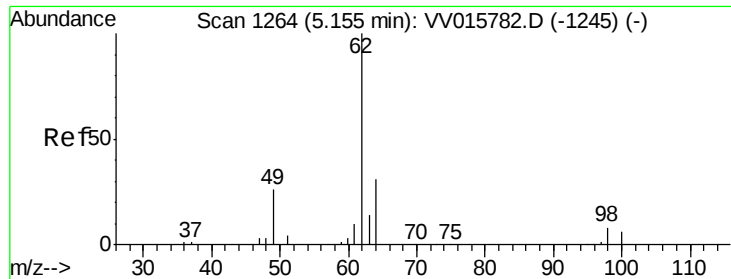
85 74.7 46.1 85.5



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

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

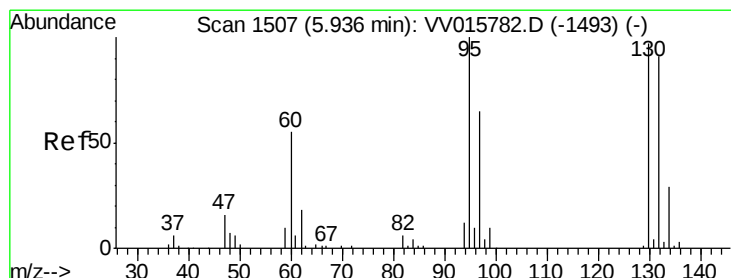
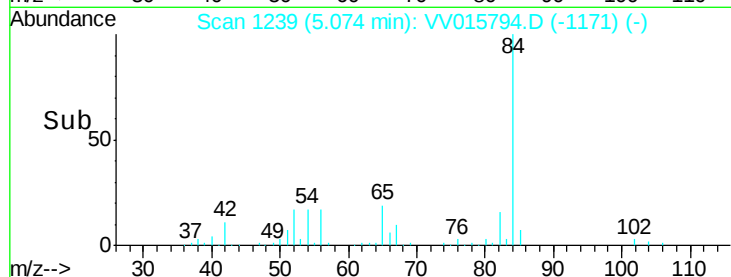
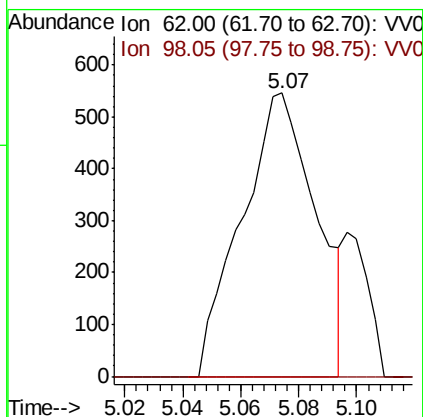
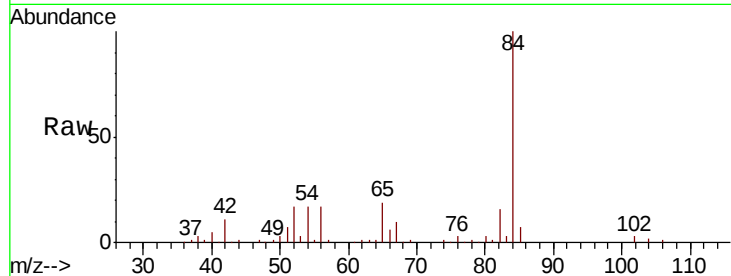




#27
 1,2-Dichloroethane
 Concen: 0.093 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV015794.D
 Acq: 29 Apr 2020 15:51

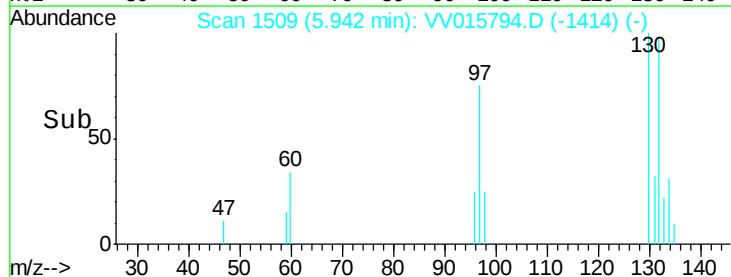
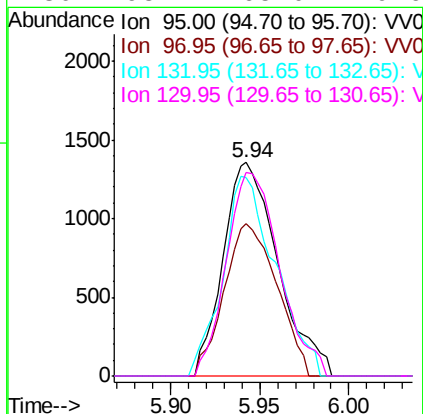
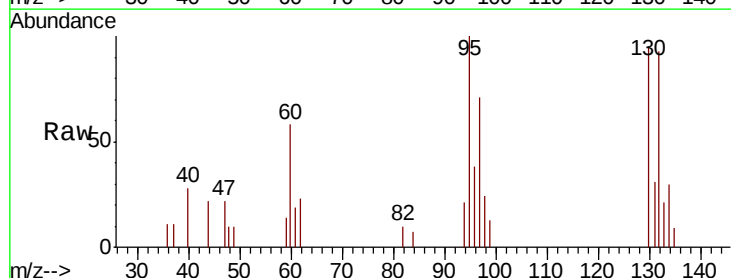
Instrument :
 MSVOA_V
 ClientSampleId :

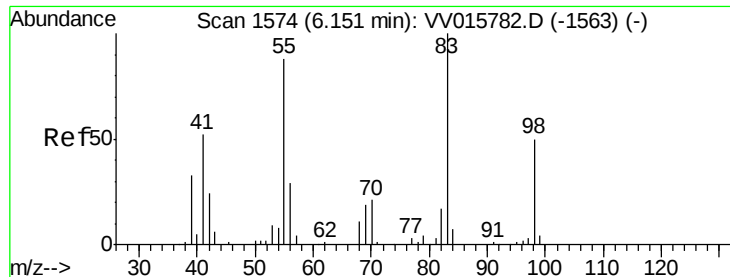
Tot Ion: 62 Resp: 971
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.3 9.5#



#34
 Trichloroethene
 Concen: 0.319 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV015794.D
 Acq: 29 Apr 2020 15:51

Tgt Ion: 95 Resp: 2904
 Ion Ratio Lower Upper
 95 100
 97 71.1 44.7 82.9
 132 93.1 65.2 121.0
 130 95.4 65.0 120.6

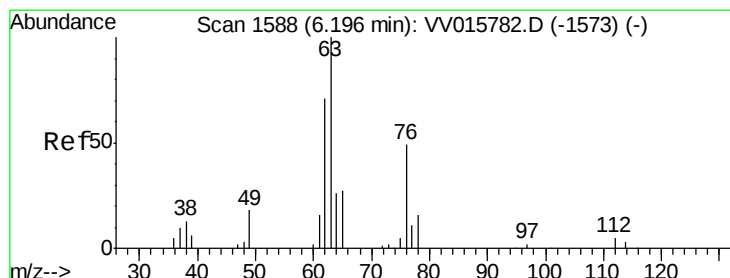
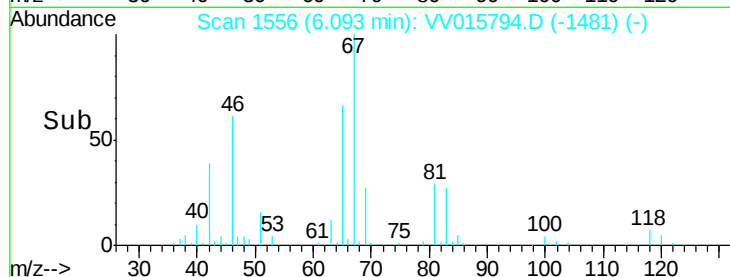
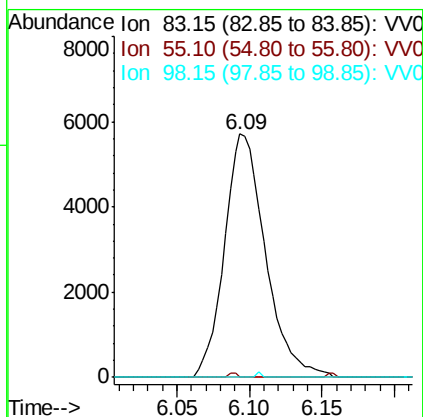
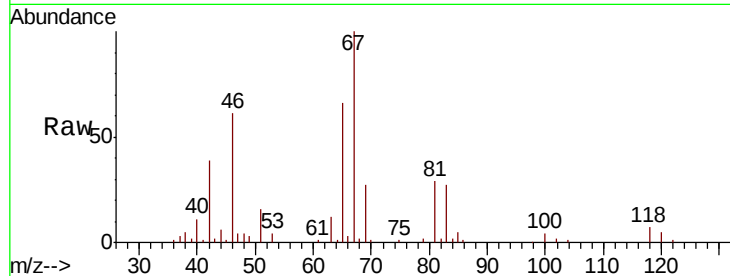




#35
Methvlcvclohexane
Concen: 0.804 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015794.D
Acq: 29 Apr 2020 15:51

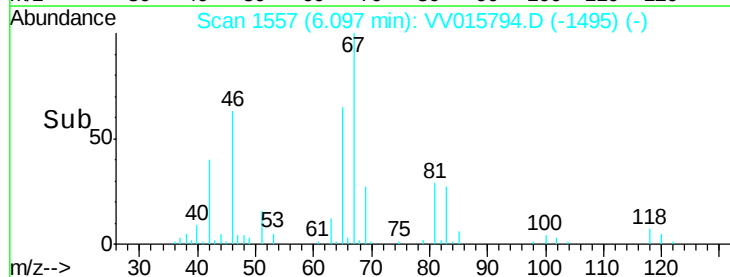
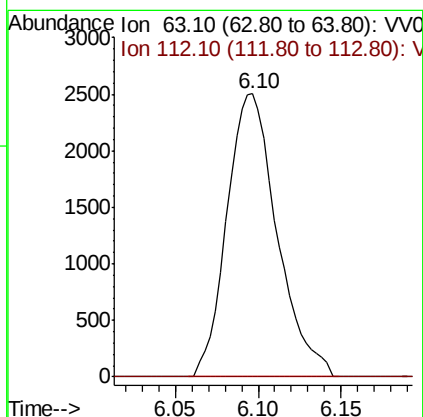
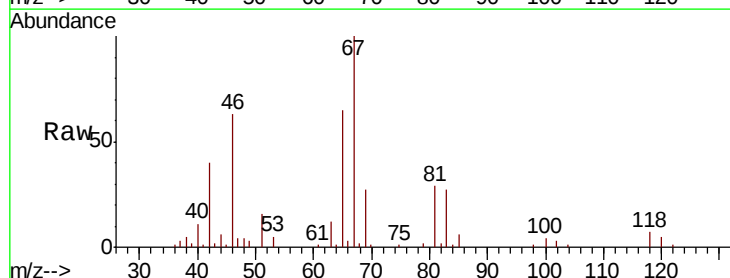
Instrument :
MSVOA_V
ClientSampleId :

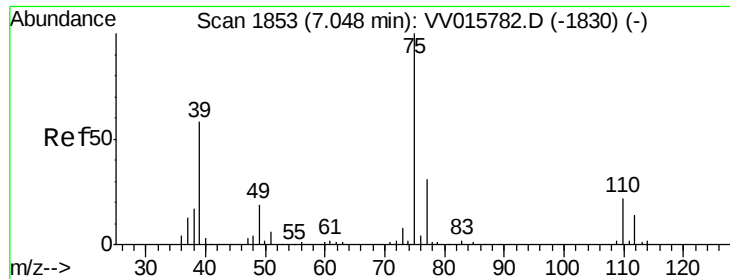
Tot Ion: 83 Resp: 11236
Ion Ratio Lower Upper
83 100
55 0.3 66.6 99.8#
98 0.2 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.628 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015794.D
Acq: 29 Apr 2020 15:51

Tgt Ion: 63 Resp: 5265
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#

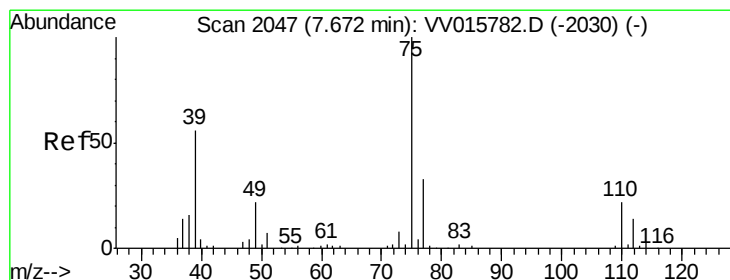
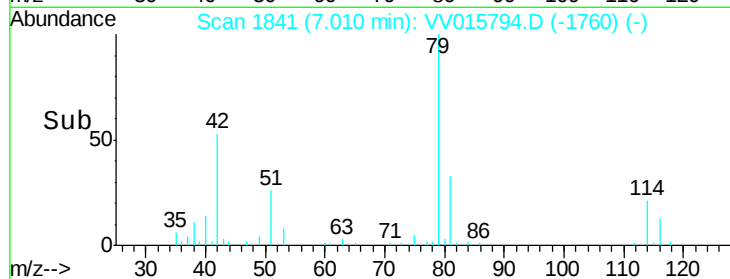
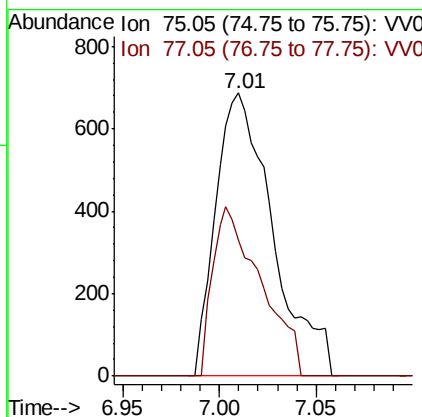
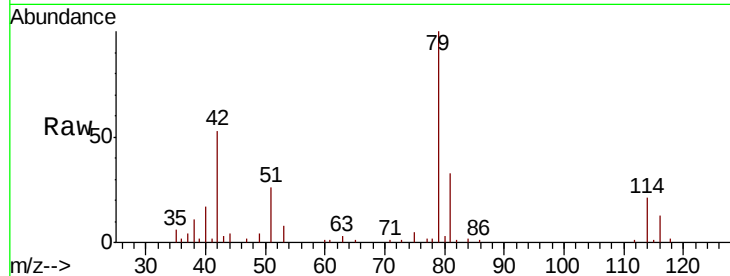




#39
 cis-1,3-Dichloropropene
 Concen: 0.121 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015794.D
 Acq: 29 Apr 2020 15:51

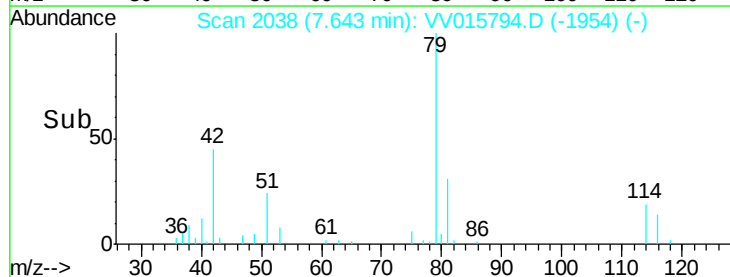
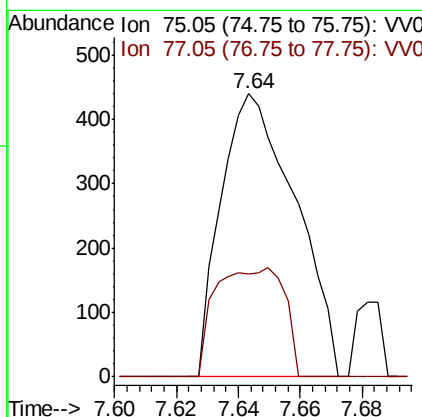
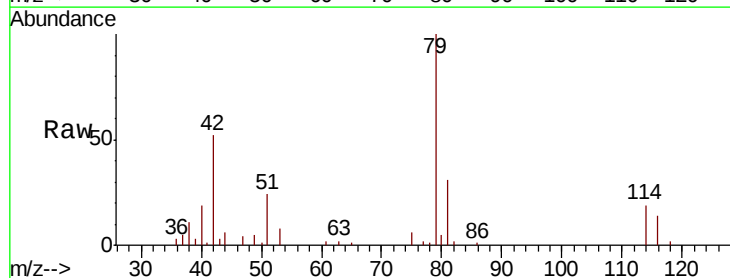
Instrument :
 MSVOA_V
 ClientSampleId :

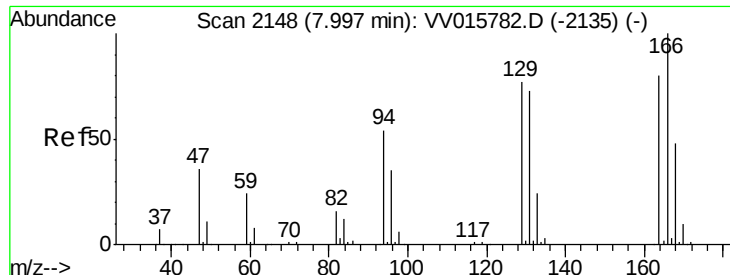
Tot Ion: 75 Resp: 1413
 Ion Ratio Lower Upper
 75 100
 77 47.9 22.3 41.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.075 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV015794.D
 Acq: 29 Apr 2020 15:51

Tgt Ion: 75 Resp: 733
 Ion Ratio Lower Upper
 75 100
 77 36.2 21.8 40.6





#47

Tetrachloroethene

Concen: 0.101 ug/L

RT: 8.00 min Scan# 2150

Delta R.T. 0.01 min

Lab File: VV015794.D

Acq: 29 Apr 2020 15:51

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 660

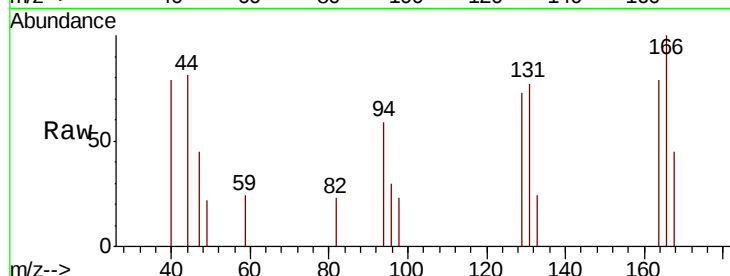
Ion Ratio Lower Upper

164 100

129 92.6 66.7 123.9

131 97.2 66.6 123.6

166 126.0 85.3 158.5

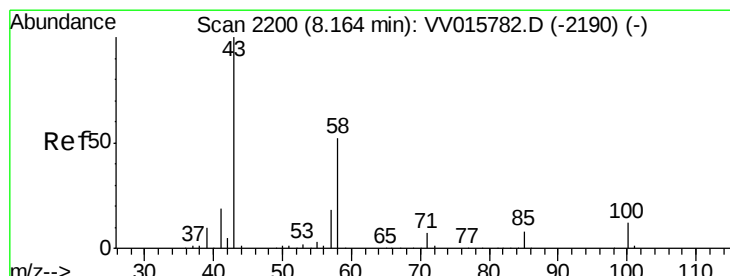
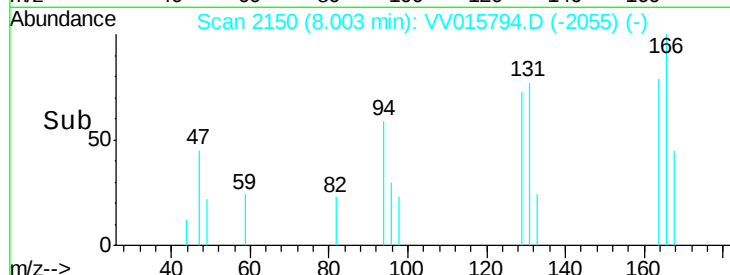
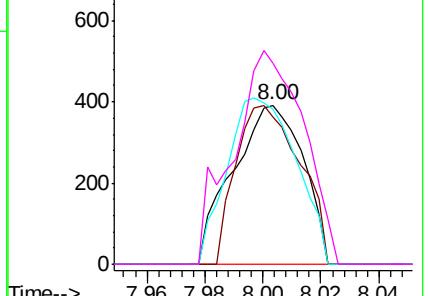


Abundance Ion 163.90 (163.60 to 164.60): V

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: 1.367 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.00 min

Lab File: VV015794.D

Acq: 29 Apr 2020 15:51

Tgt Ion: 43 Resp: 5301

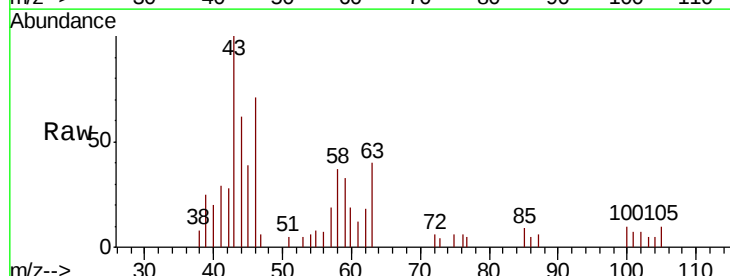
Ion Ratio Lower Upper

43 100

58 38.8 41.1 61.7#

57 21.8 15.0 22.4

100 7.4 9.0 13.4#

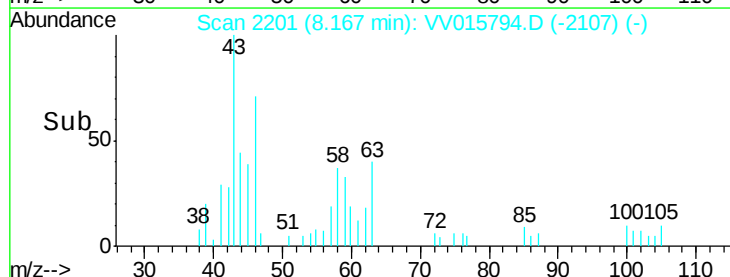
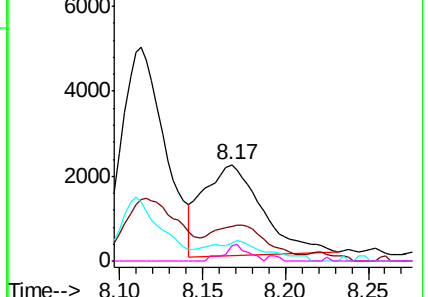


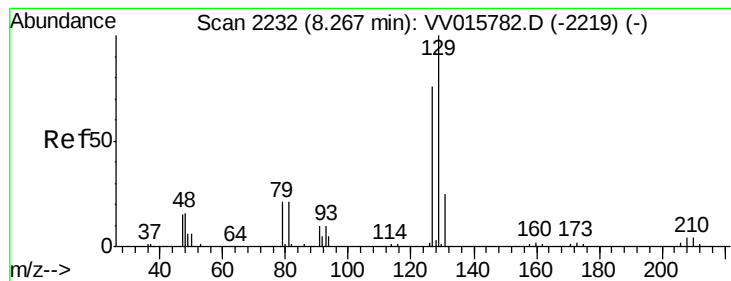
Abundance Ion 43.05 (42.75 to 43.75): VV0

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: 0.102 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. -0.27 min

Lab File: VV015794.D

Acq: 29 Apr 2020 15:51

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:129 Resp: 602

Ion Ratio Lower Upper

129 100

127 0.0 52.6 97.8#

