

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053020\
 Data File : VV016372.D
 Acq On : 30 May 2020 20:13
 Operator : SY/MD
 Sample : L2826-11DL 20X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 01 05:14:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 05:08:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	82215	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	78172	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	35233	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30370	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.58	69	23819	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.12	63	43812	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	3.97	46	68244	43.94	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.88%
24) Chloroform-d	4.38	84	55016	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.06	65	30778	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.07	84	110052	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.10	67	33612	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.34	98	96150	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
45) trans-1,3-Dichloropropene-	7.64	79	11858	4.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.80%
48) 2-Hexanone-d5	8.12	63	58831	51.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.22%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	23131	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	33313	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

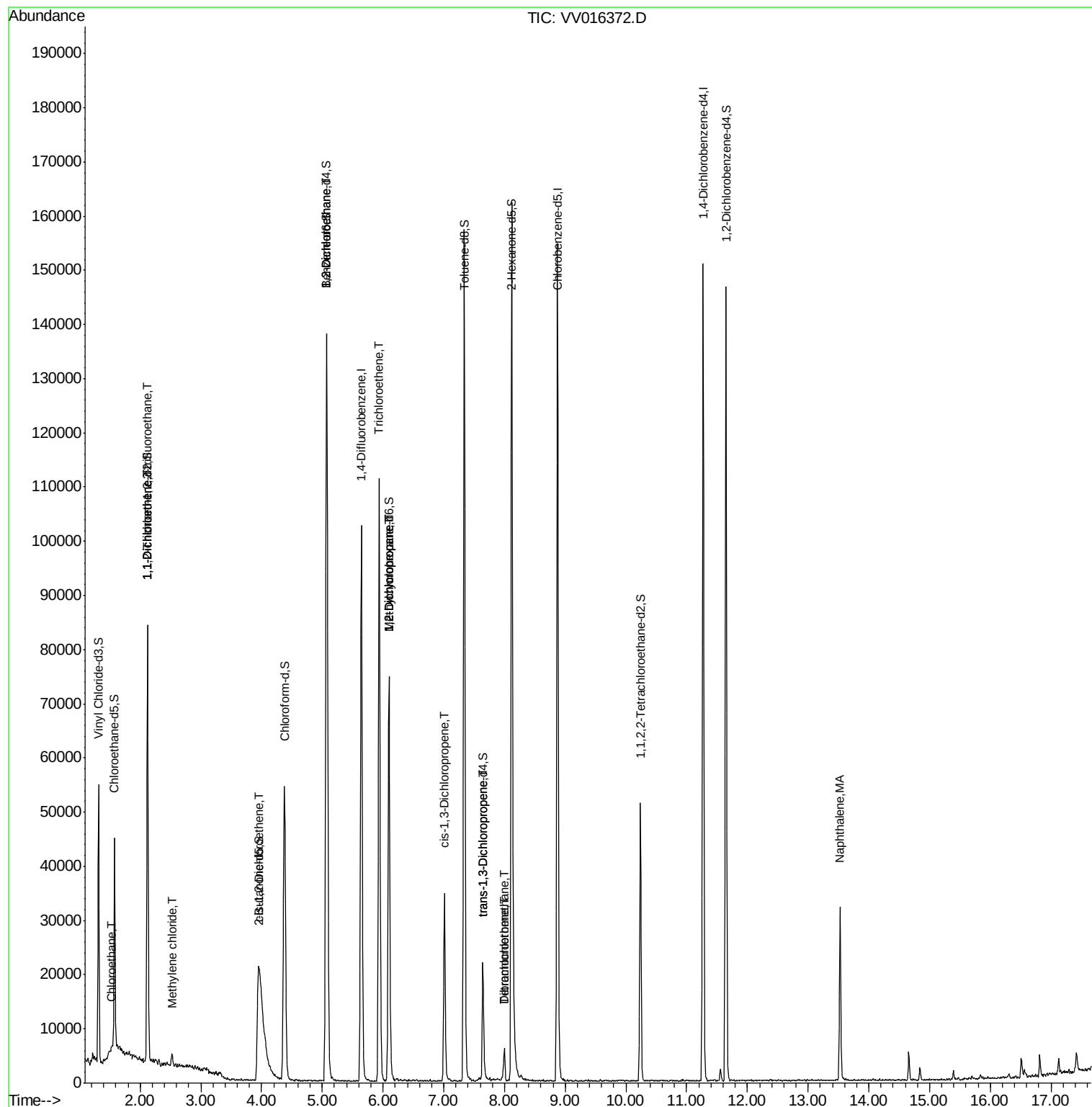
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.52	64	3915	0.886	ug/L #	49
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	471	0.085	ug/L #	21
12) 1,1-Dichloroethene	2.13	96	376	0.071	ug/L #	1
16) Methylene chloride	2.52	84	806	0.142	ug/L	91
22) cis-1,2-Dichloroethene	3.94	96	6493	1.047	ug/L	93
27) 1,2-Dichloroethane	5.07	62	790	0.108	ug/L #	76
34) Trichloroethene	5.94	95	38486	6.342	ug/L	98
35) Methylcyclohexane	6.10	83	8058	0.824	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	4310	0.736	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	963	0.125	ug/L #	72
46) trans-1,3-Dichloropropene	7.65	75	598	0.094	ug/L	87
49) Tetrachloroethene	8.00	164	1260	0.283	ug/L	94
51) Dibromochloromethane	7.99	129	1200	0.307	ug/L #	9
70) Naphthalene	13.53	128	24137	1.502	ug/L	99

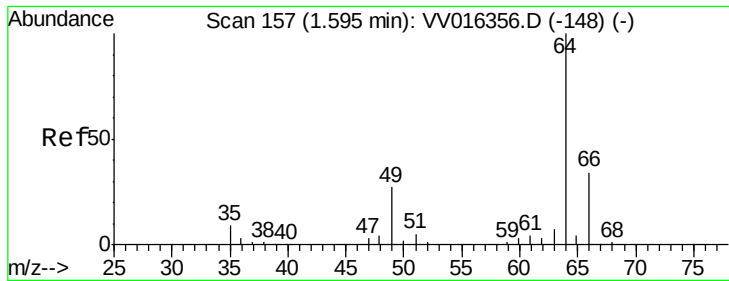
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV053020\
Data File : VV016372.D
Acq On : 30 May 2020 20:13
Operator : SY/MD
Sample : L2826-11DL 20X
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 01 05:14:58 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 01 05:08:08 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.886 ug/L

RT: 1.52 min Scan# 135

Delta R.T. -0.07 min

Lab File: VV016372.D

Acq: 30 May 2020 20:13

Instrument :

MSVOA_V

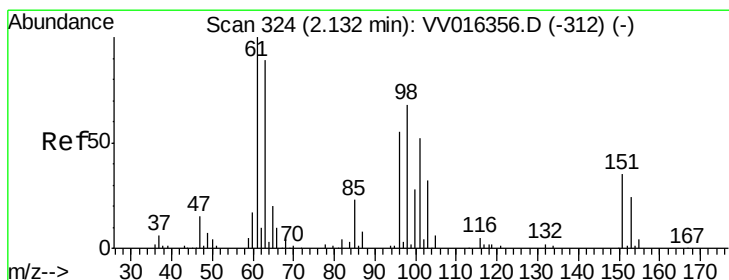
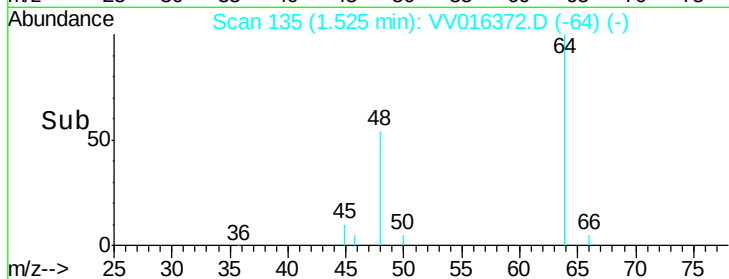
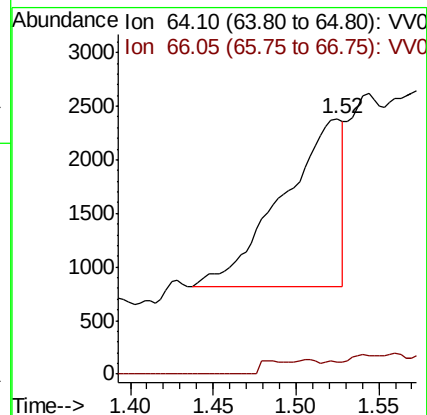
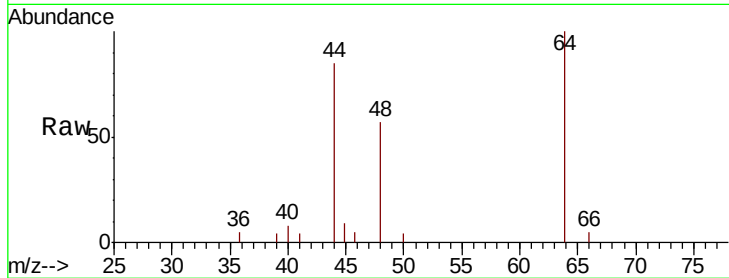
ClientSampled :

Tot Ion: 64 Resp: 3915

Ion Ratio Lower Upper

64 100

66 4.7 23.4 43.6#



#10

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

Concen: 0.085 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016372.D

Acq: 30 May 2020 20:13

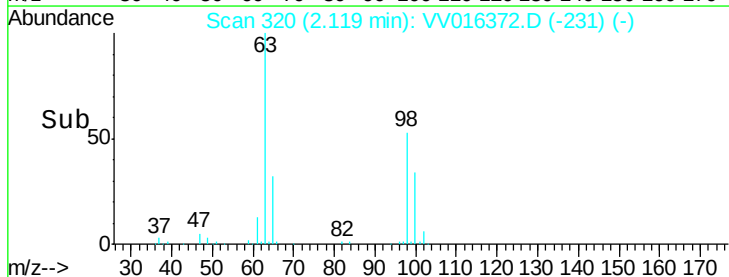
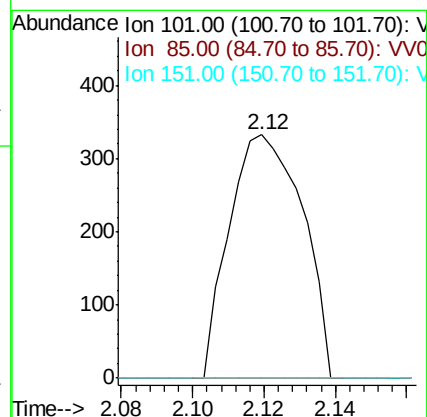
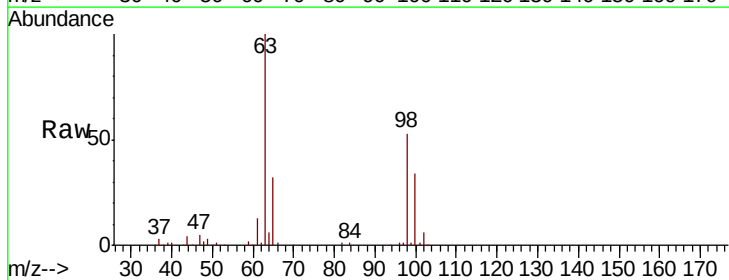
Tgt Ion:101 Resp: 471

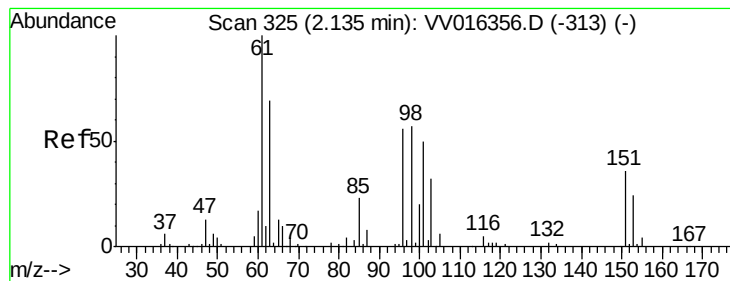
Ion Ratio Lower Upper

101 100

85 0.0 35.7 53.5#

151 0.0 57.2 85.8#





#12

1,1-Dichloroethene

Concen: 0.071 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV016372.D

Acq: 30 May 2020 20:13

Instrument :

MSVOA_V

ClientSampled :

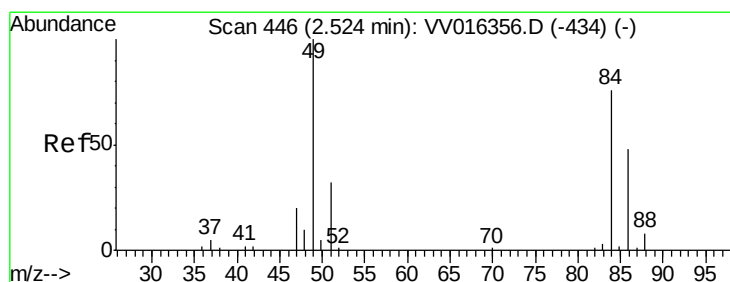
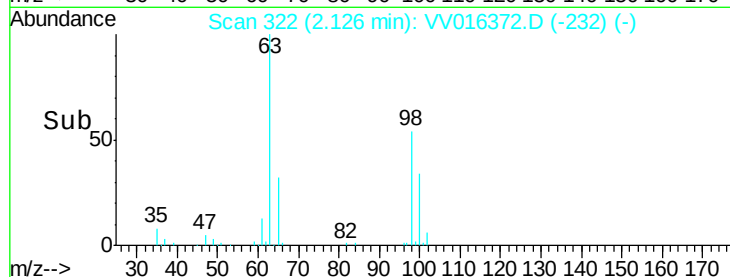
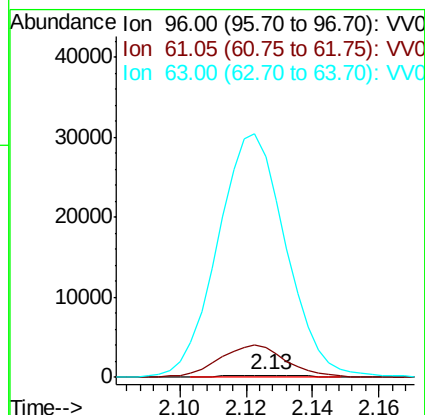
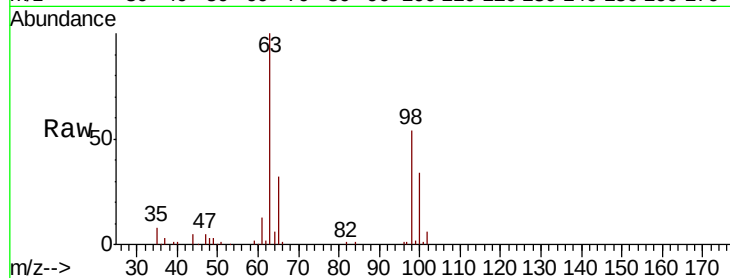
Tot Ion: 96 Resp: 376

Ion Ratio Lower Upper

96 100

61 1514.3 125.4 233.0#

63 11298.4 88.2 163.8#



#16

Methylene chloride

Concen: 0.142 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

Lab File: VV016372.D

Acq: 30 May 2020 20:13

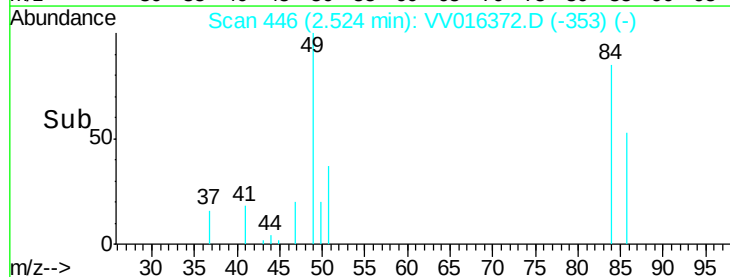
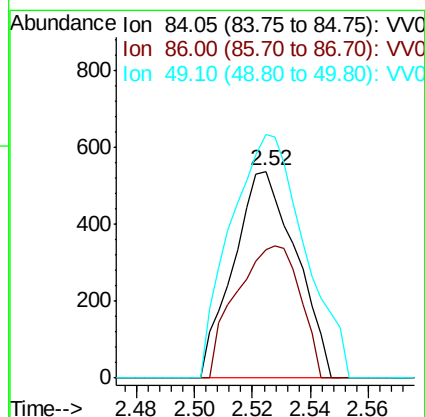
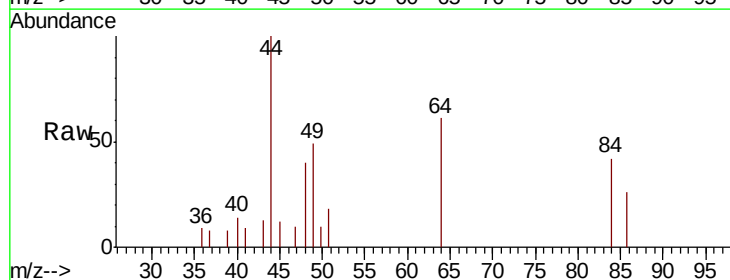
Tgt Ion: 84 Resp: 806

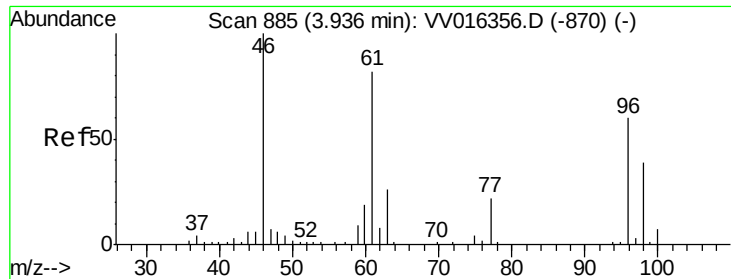
Ion Ratio Lower Upper

84 100

86 62.4 44.5 82.7

49 117.7 92.3 171.3



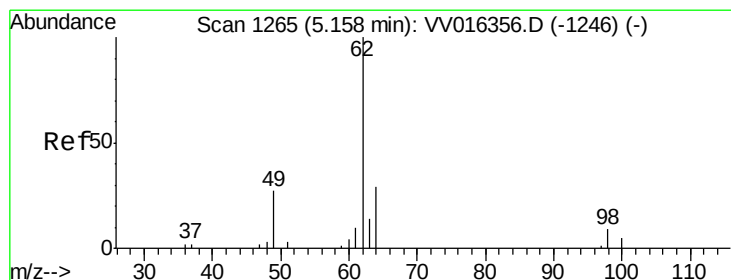
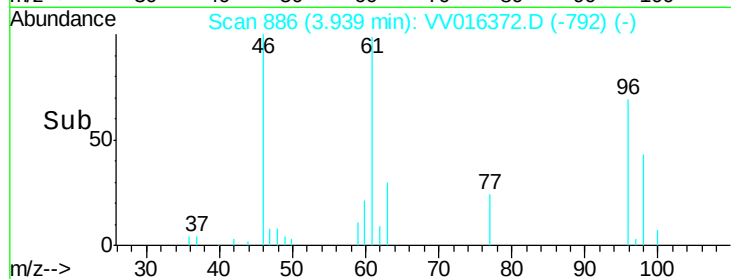
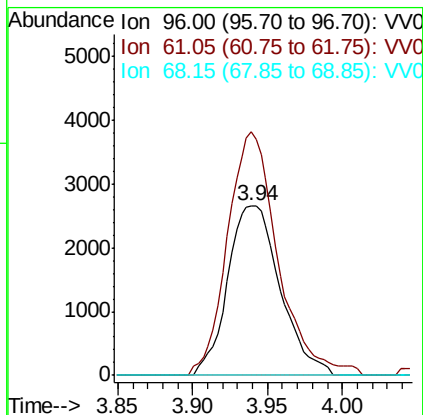
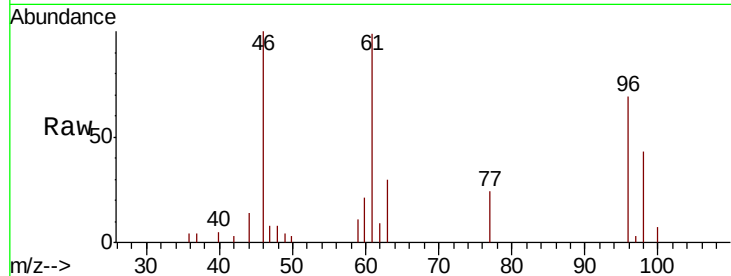


#22

cis-1,2-Dichloroethene
Concen: 1.047 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV016372.D
Acq: 30 May 2020 20:13

Instrument :
MSVOA_V
ClientSampled :

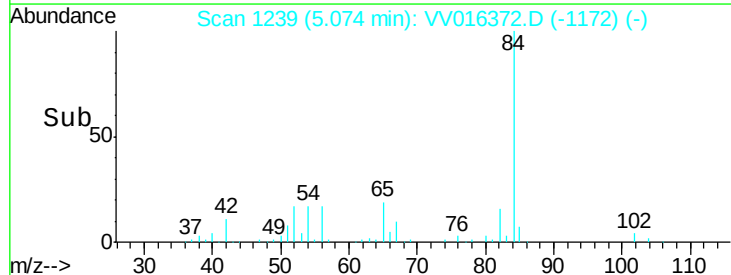
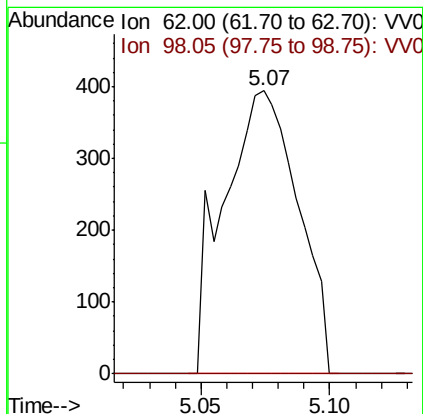
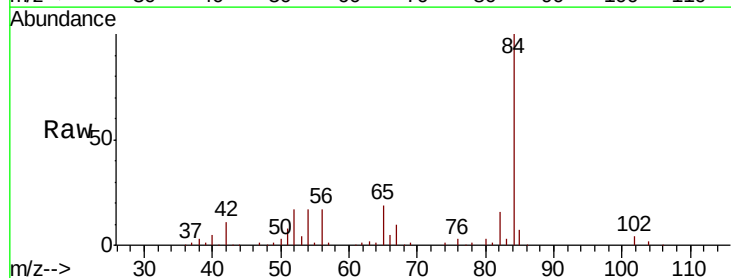
Tot Ion: 96 Resp: 6493
Ion Ratio Lower Upper
96 100
61 143.2 94.8 176.0
68 0.0 0.0 0.0

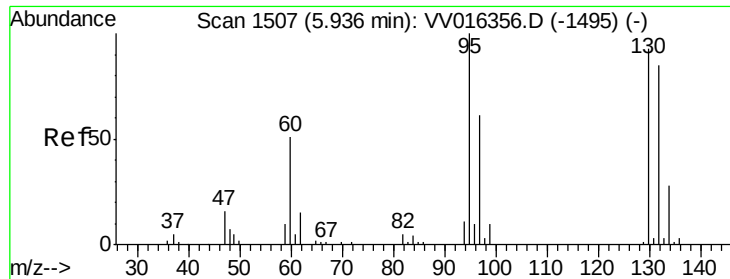


#27

1,2-Dichloroethane
Concen: 0.108 ug/L
RT: 5.07 min Scan# 1239
Delta R.T. -0.08 min
Lab File: VV016372.D
Acq: 30 May 2020 20:13

Tgt Ion: 62 Resp: 790
Ion Ratio Lower Upper
62 100
98 0.0 7.0 10.4#





#34

Trichloroethene

Concen: 6.342 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV016372.D

Acq: 30 May 2020 20:13

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 95 Resp: 38486

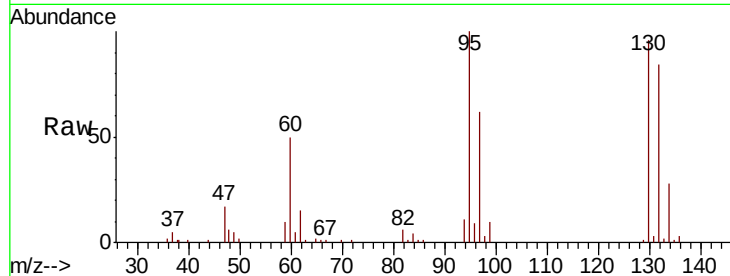
Ion Ratio Lower Upper

95 100

97 62.4 42.6 79.0

132 84.2 59.6 110.8

130 95.7 64.8 120.4



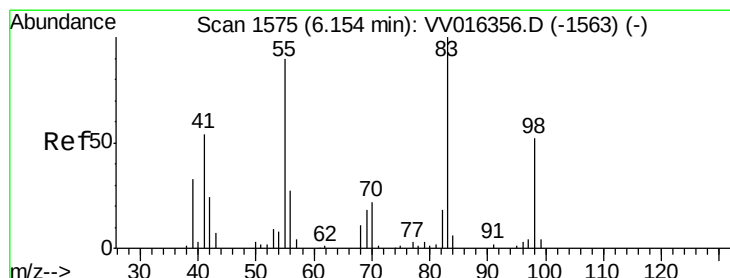
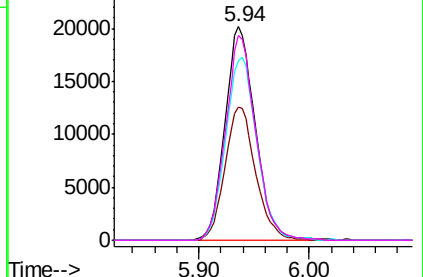
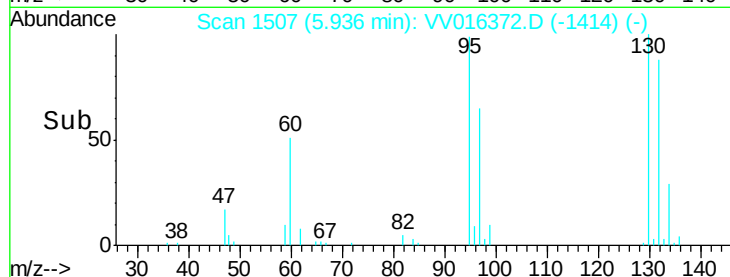
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

Time-->



#35

Methylcyclohexane

Concen: 0.824 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.06 min

Lab File: VV016372.D

Acq: 30 May 2020 20:13

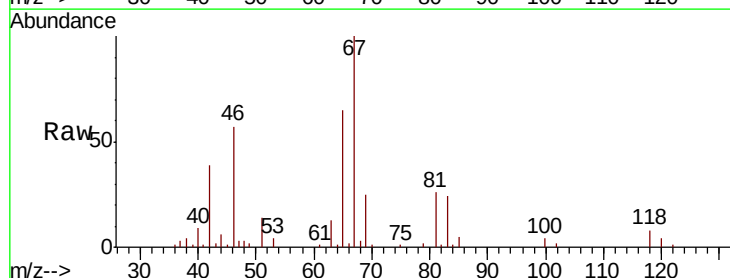
Tgt Ion: 83 Resp: 8058

Ion Ratio Lower Upper

83 100

55 0.2 67.0 100.4#

98 0.5 39.0 58.4#

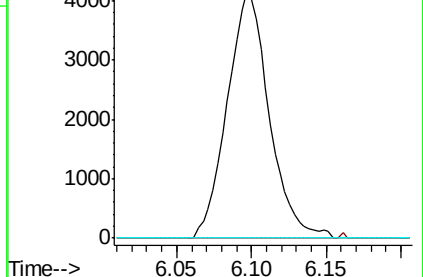
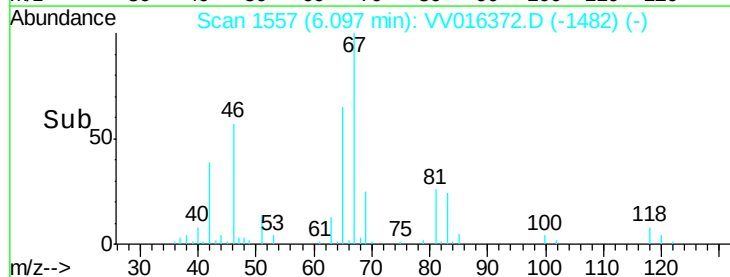


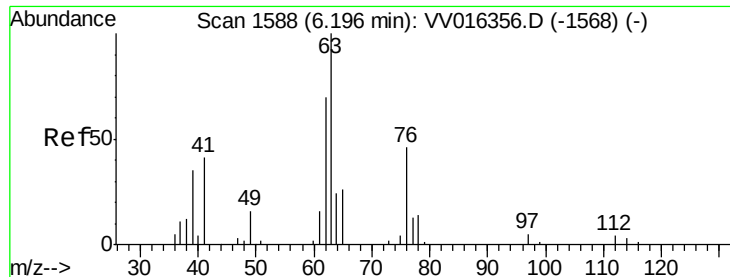
Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

Time-->

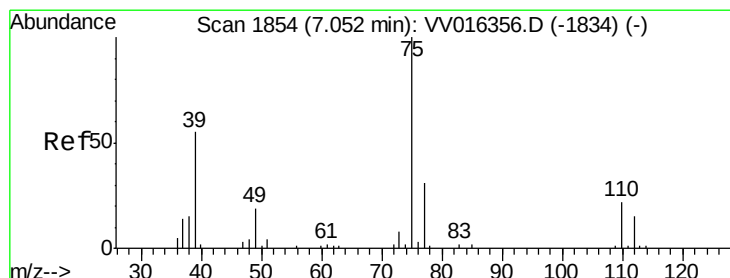
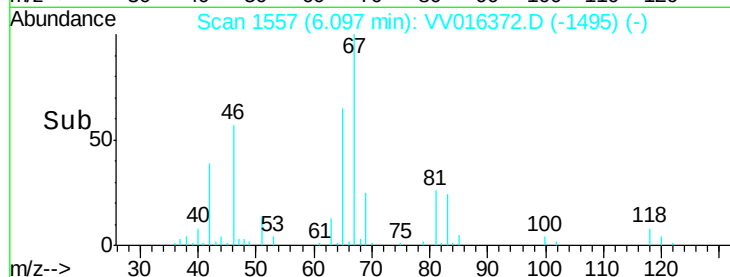
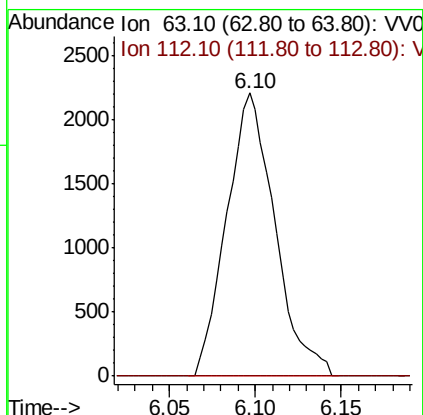
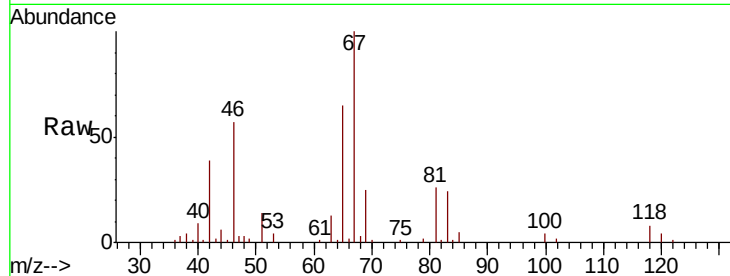




#37
 1,2-Dichloropropane
 Concen: 0.736 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV016372.D
 Acq: 30 May 2020 20:13

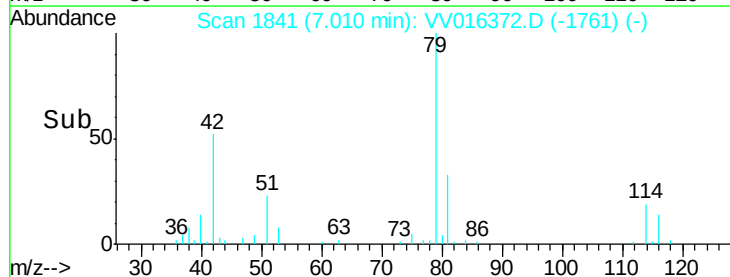
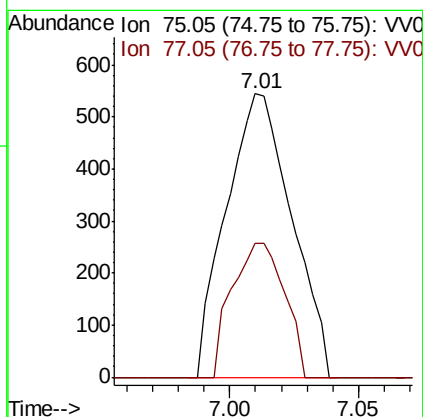
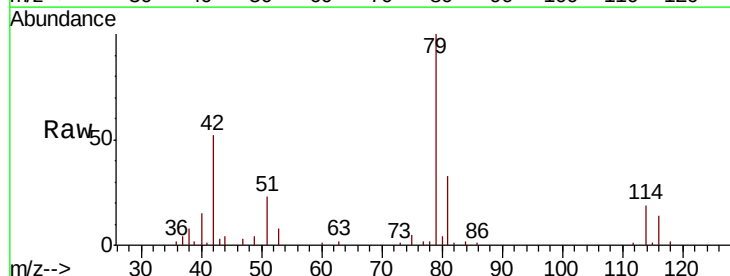
Instrument :
 MSVOA_V
 ClientSampleId :

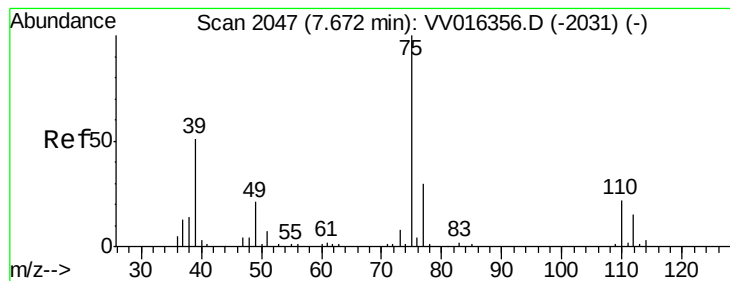
Tot Ion: 63 Resp: 4310
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.125 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV016372.D
 Acq: 30 May 2020 20:13

Tgt Ion: 75 Resp: 963
 Ion Ratio Lower Upper
 75 100
 77 47.1 22.0 41.0#





#46

trans-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.03 min

Lab File: VV016372.D

Acq: 30 May 2020 20:13

Instrument :

MSVOA_V

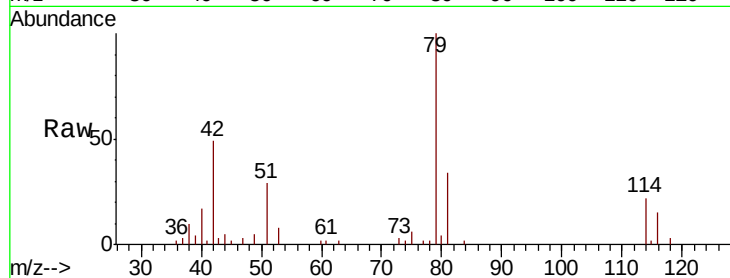
ClientSampleId :

Tot Ion: 75 Resp: 598

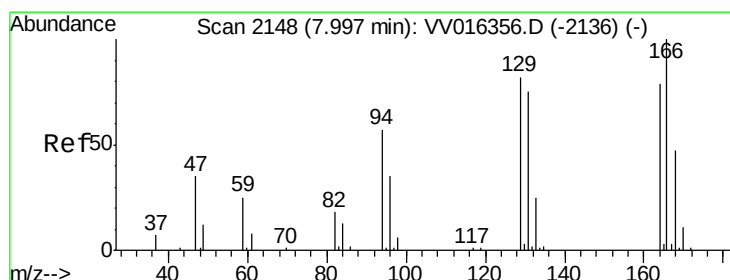
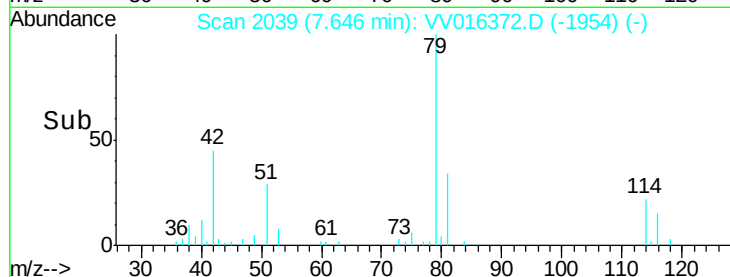
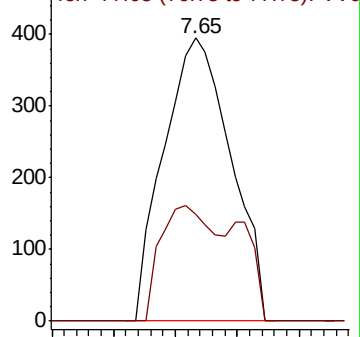
Ion Ratio Lower Upper

75 100

77 37.5 21.1 39.3



Abundance Ion 75.05 (74.75 to 75.75): VV016372.D (-1954) (-)



#49

Tetrachloroethene

Concen: 0.283 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016372.D

Acq: 30 May 2020 20:13

Tgt Ion: 164 Resp: 1260

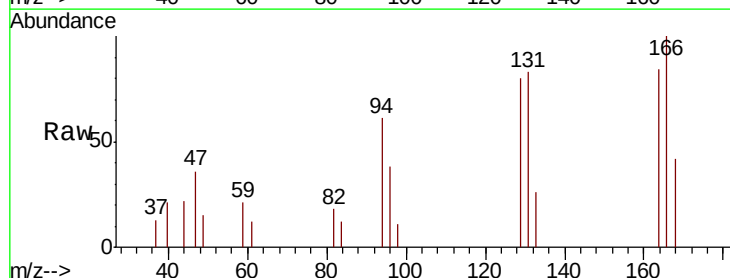
Ion Ratio Lower Upper

164 100

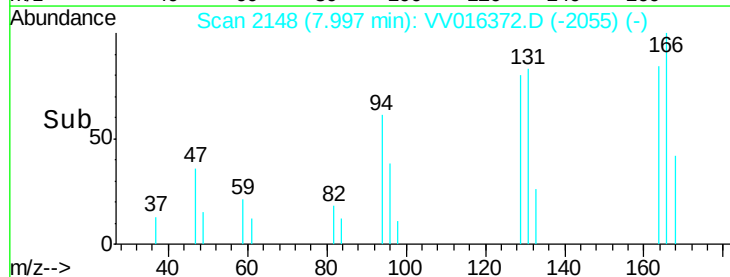
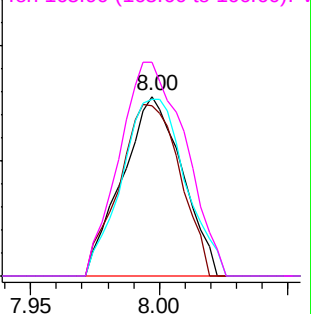
129 94.7 72.2 134.0

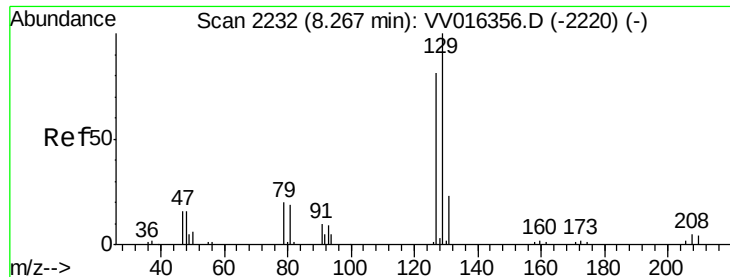
131 98.5 65.8 122.2

166 119.0 88.3 163.9



Abundance Ion 163.90 (163.60 to 164.60): VV016372.D (-2055) (-)

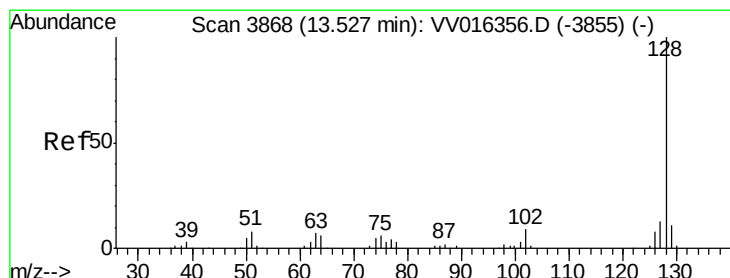
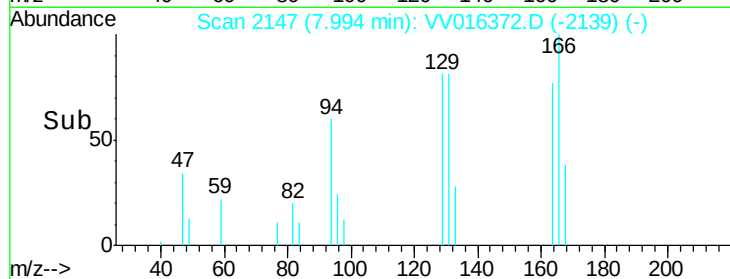
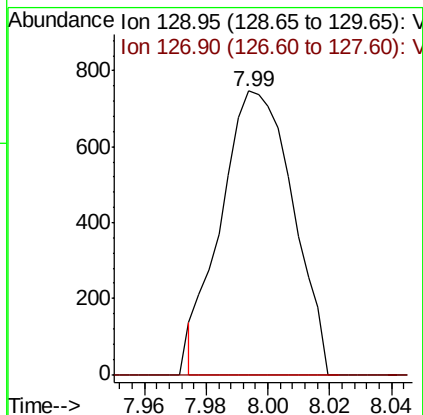
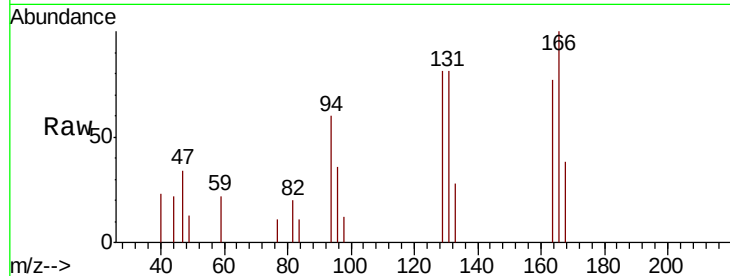




#51
 Dibromochloromethane
 Concen: 0.307 ug/L
 RT: 7.99 min Scan# 2147
 Delta R.T. -0.27 min
 Lab File: VV016372.D
 Acq: 30 May 2020 20:13

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:129 Resp: 1200
 Ion Ratio Lower Upper
 129 100
 127 0.0 57.0 105.8#



#70
 Naphthalene
 Concen: 1.502 ug/L
 RT: 13.53 min Scan# 3868
 Delta R.T. 0.00 min
 Lab File: VV016372.D
 Acq: 30 May 2020 20:13

Tgt Ion:128 Resp: 24137
 Ion Ratio Lower Upper
 128 100
 129 10.8 8.6 12.8
 127 13.0 10.7 16.1

