

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016477.D
 Acq On : 04 Jun 2020 00:05
 Operator : SY/MD
 Sample : L2869-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 04 05:37:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 04 05:34:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	378881	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	352226	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	166573	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	104584	38.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.94%
7) Chloroethane-d5	1.57	69	79712	41.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.30%
11) 1,1-Dichloroethene-d2	2.12	63	150501	31.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.28%
21) 2-Butanone-d5	3.89	46	173328	101.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.01%
24) Chloroform-d	4.37	84	226684	45.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.02%
26) 1,2-Dichloroethane-d4	5.05	65	157651	46.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.50%
32) Benzene-d6	5.07	84	459900	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.48%
36) 1,2-Dichloropropane-d6	6.09	67	147385	50.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.26%
41) Toluene-d8	7.34	98	407745	47.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.16%
43) trans-1,3-Dichloropropene-	7.64	79	63160	44.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.16%
47) 2-Hexanone-d5	8.11	63	132596	105.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.31%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	189280	47.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.94%
64) 1,2-Dichlorobenzene-d4	11.65	152	164749	52.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.26%

Target Compounds

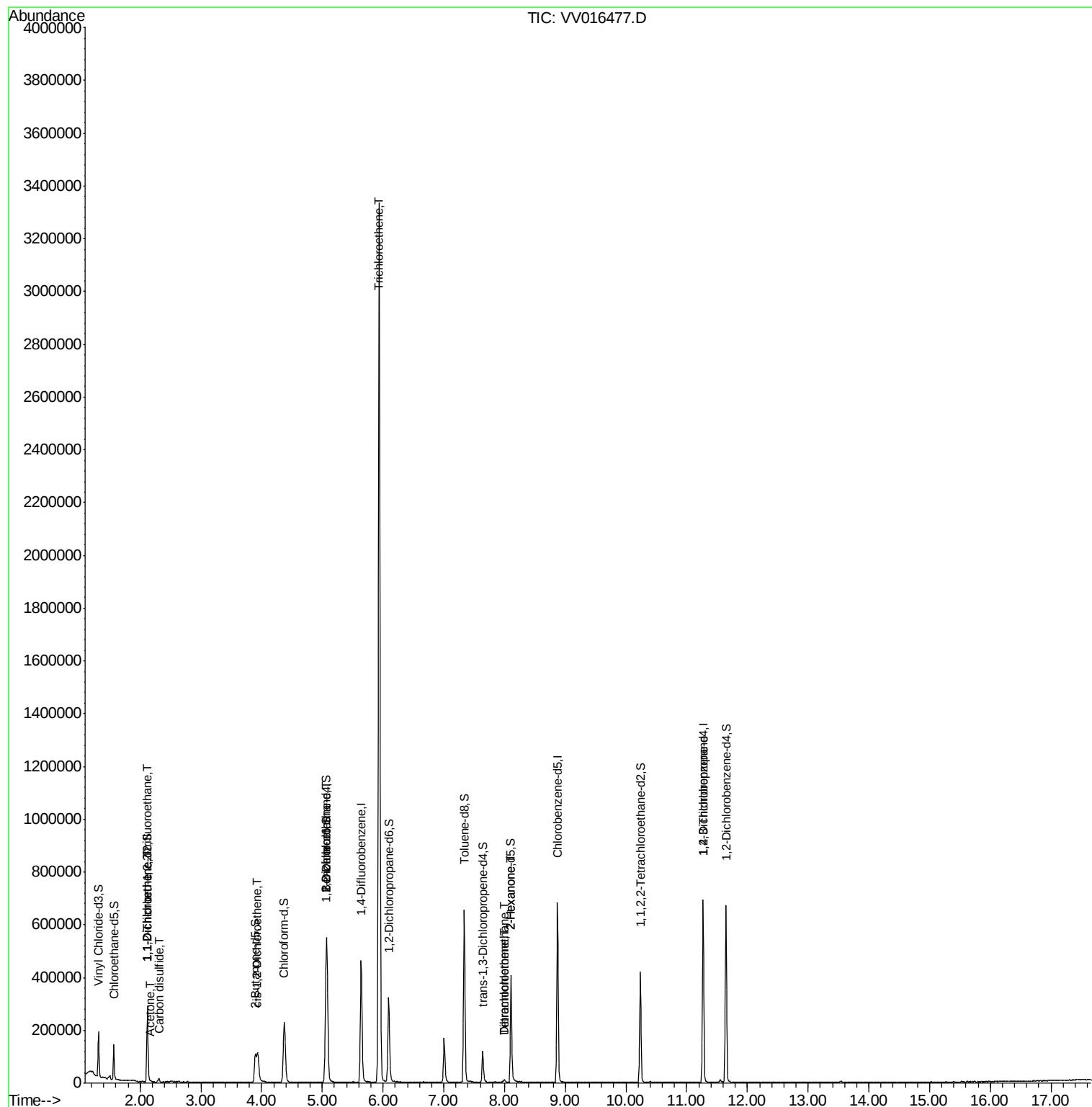
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1432	0.655	ug/L #	20
12) 1,1-Dichloroethene	2.12	96	1650	0.784	ug/L #	1
13) Acetone	2.17	43	3487	2.174	ug/L	76
14) Carbon disulfide	2.31	76	16181	2.222	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	52037	18.168	ug/L	99
27) 1,2-Dichloroethane	5.07	62	3184	0.762	ug/L	95
34) Trichloroethene	5.94	95	1123168	413.215	ug/L	96
46) Tetrachloroethene	8.00	164	2117	1.010	ug/L	86
48) 2-Hexanone	8.11	43	15828	5.480	ug/L #	67
49) Dibromochloromethane	8.00	129	1778	0.701	ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	20090	5.963	ug/L	90

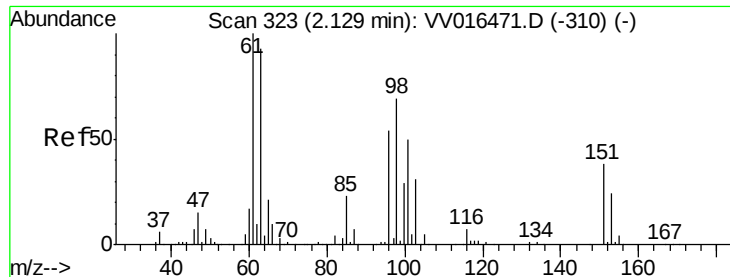
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 04 05:37:07 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
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QLast Update : Thu Jun 04 05:34:42 2020
Response via : Initial Calibration





#10

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

Concen: 0.655 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016477.D

Acq: 04 Jun 2020 00:05

Instrument :

MSVOA_V

ClientSampleId :

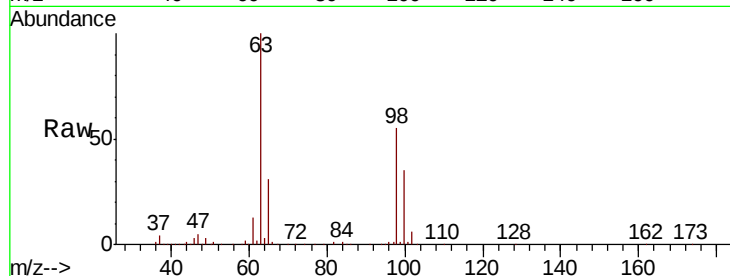
Tot Ion:101 Resp: 1432

Ion Ratio Lower Upper

101 100

85 2.7 35.6 53.4#

151 0.0 61.8 92.8#

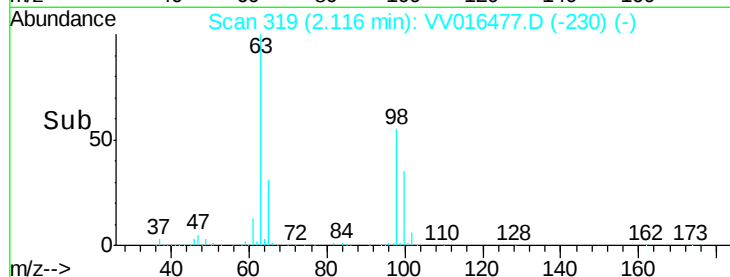


Abundance Ion 101.00 (100.70 to 101.70): VV016477.D (-230) (-)

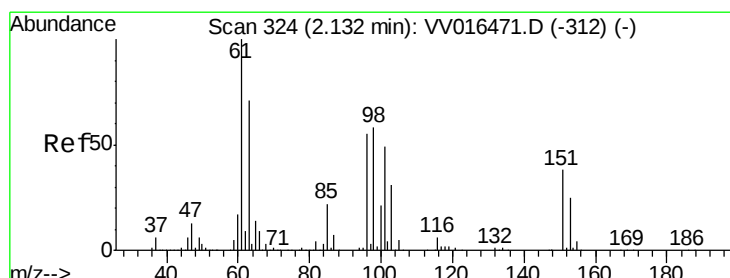
Ion 85.00 (84.70 to 85.70): VV016477.D (-230) (-)

Ion 151.00 (150.70 to 151.70): VV016477.D (-230) (-)

Time-->



Time-->



#12

1,1-Dichloroethene

Concen: 0.784 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016477.D

Acq: 04 Jun 2020 00:05

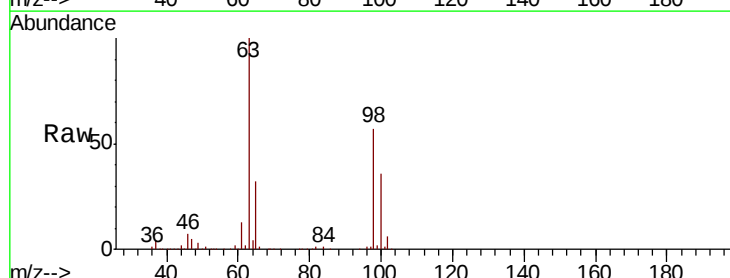
Tgt Ion: 96 Resp: 1650

Ion Ratio Lower Upper

96 100

61 1270.4 125.5 233.1#

63 9593.5 104.0 193.1#

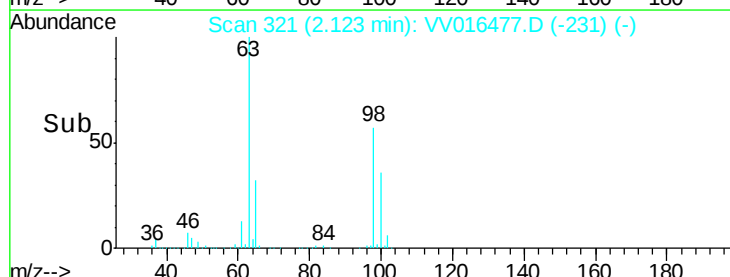


Abundance Ion 96.00 (95.70 to 96.70): VV016477.D (-231) (-)

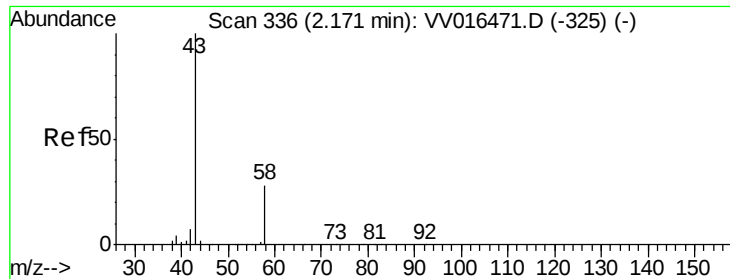
Ion 61.00 (60.70 to 61.70): VV016477.D (-231) (-)

Ion 63.00 (62.70 to 63.70): VV016477.D (-231) (-)

Time-->



Time-->



#13

Acetone

Concen: 2.174 ug/L

RT: 2.17 min Scan# 336

Delta R.T. 0.00 min

Lab File: VV016477.D

Acq: 04 Jun 2020 00:05

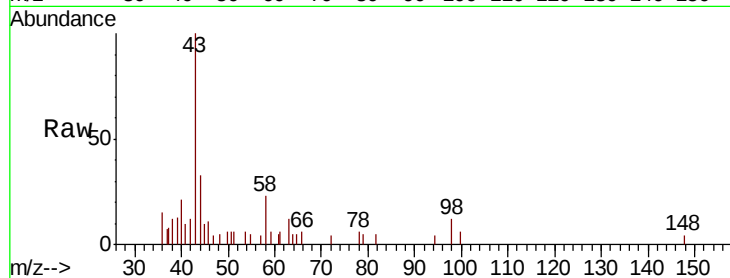
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 3487

Ion Ratio Lower Upper

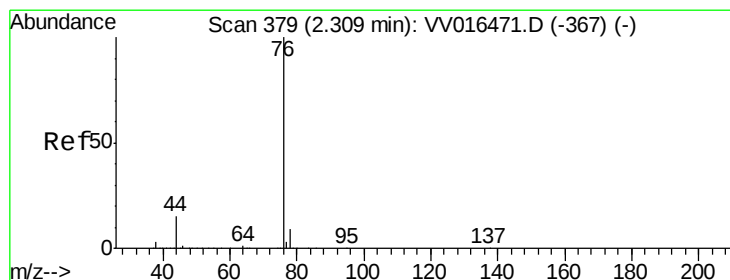
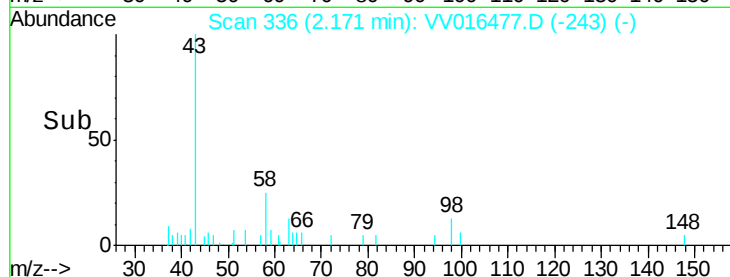
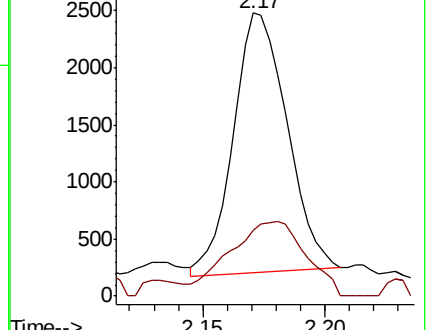
43 100

58 41.1 0.0 57.2



Abundance Ion 43.00 (42.70 to 43.70): VV016477.D (-243) (-)

Ion 58.00 (57.70 to 58.70): VV016477.D (-243) (-)



#14

Carbon disulfide

Concen: 2.222 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV016477.D

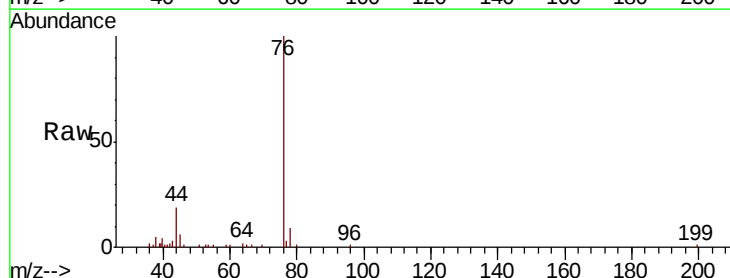
Acq: 04 Jun 2020 00:05

Tgt Ion: 76 Resp: 16181

Ion Ratio Lower Upper

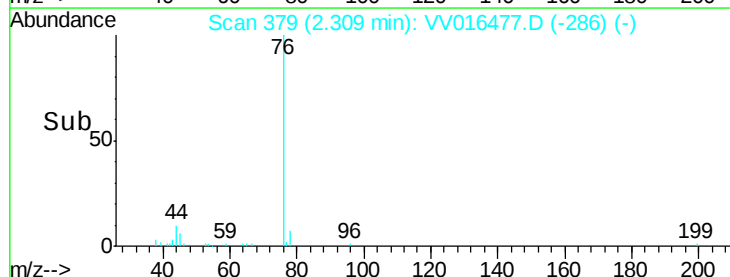
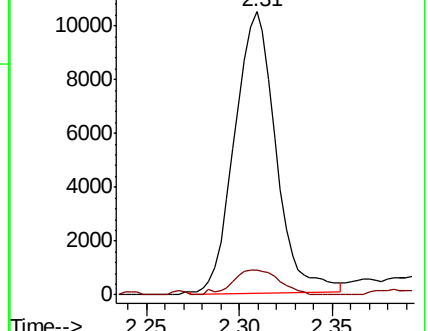
76 100

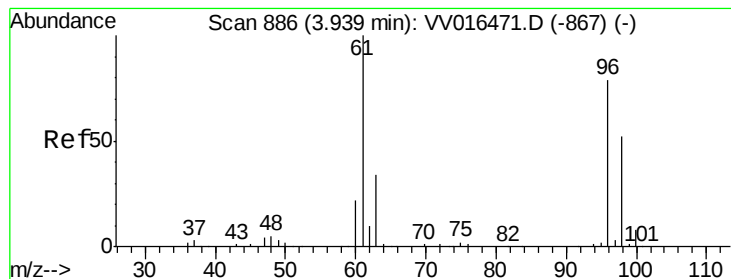
78 8.7 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VV016477.D (-286) (-)

Ion 78.00 (77.70 to 78.70): VV016477.D (-286) (-)



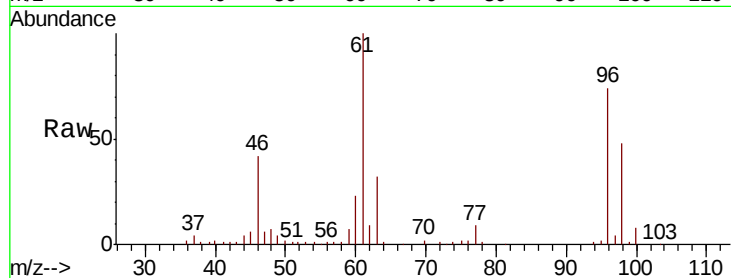


#20

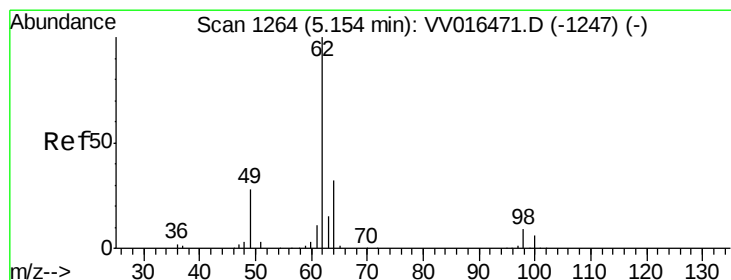
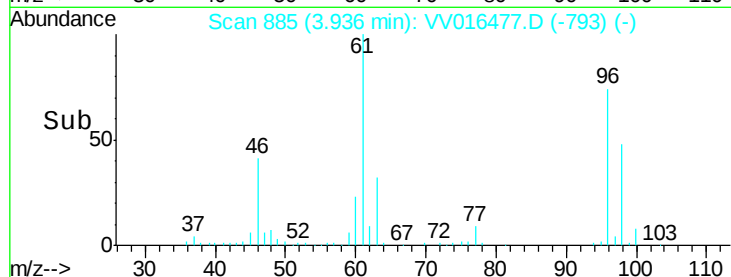
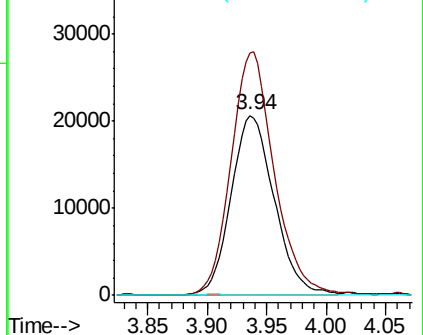
cis-1,2-Dichloroethene
 Concen: 18.168 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: VV016477.D
 Acq: 04 Jun 2020 00:05

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 96 Resp: 52037
 Ion Ratio Lower Upper
 96 100
 61 134.6 93.4 173.4
 68 0.0 0.0 0.0



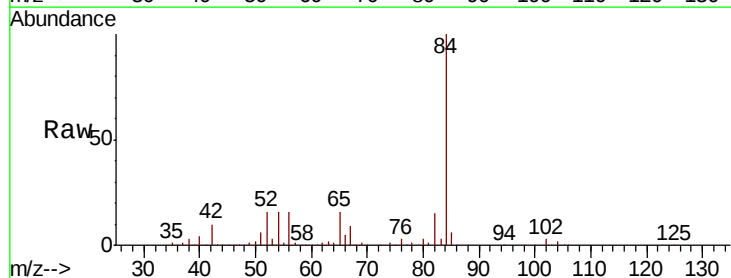
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0



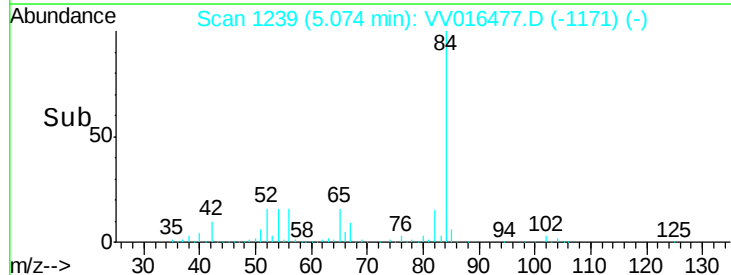
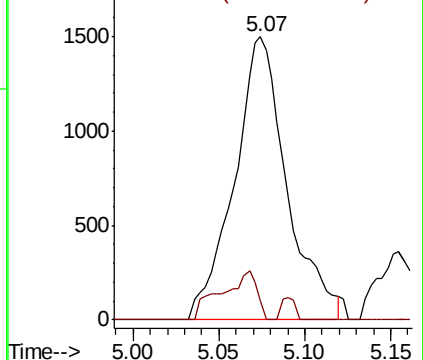
#27

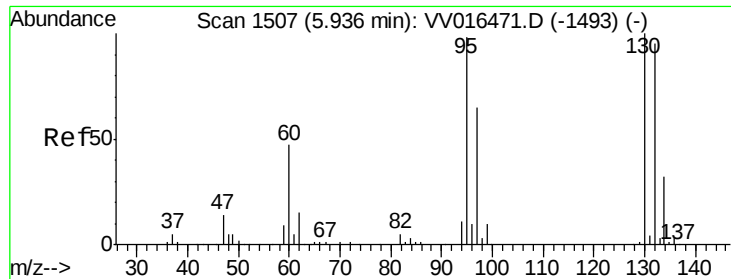
1,2-Dichloroethane
 Concen: 0.762 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV016477.D
 Acq: 04 Jun 2020 00:05

Tgt Ion: 62 Resp: 3184
 Ion Ratio Lower Upper
 62 100
 98 6.9 6.9 10.3



Abundance Ion 62.00 (61.70 to 62.70): VV0
 Ion 98.00 (97.70 to 98.70): VV0

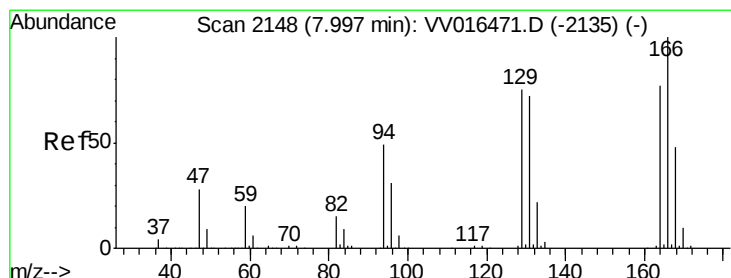
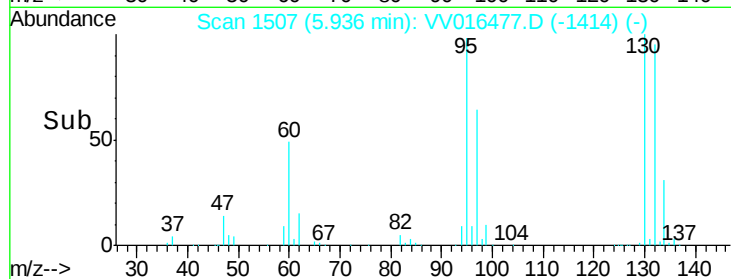
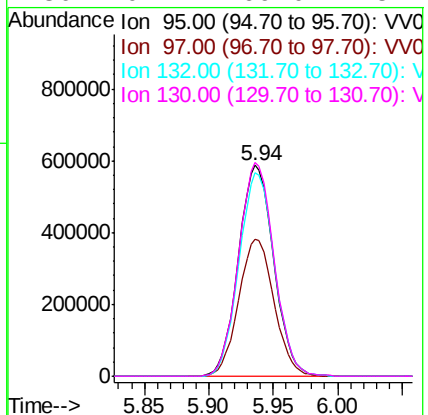
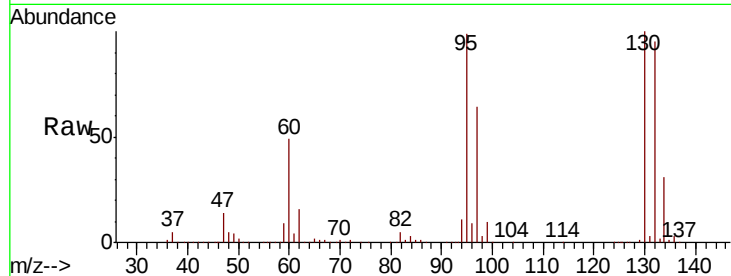




#34
 Trichloroethene
 Concen: 413.215 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: VV016477.D
 Acq: 04 Jun 2020 00:05

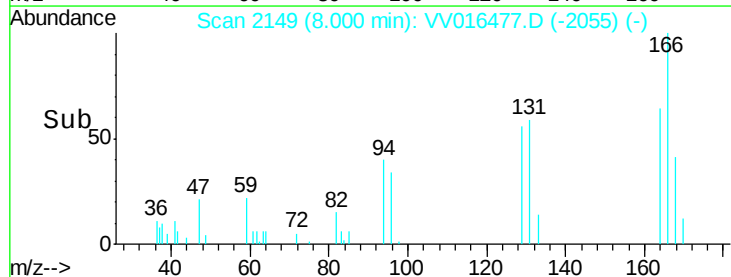
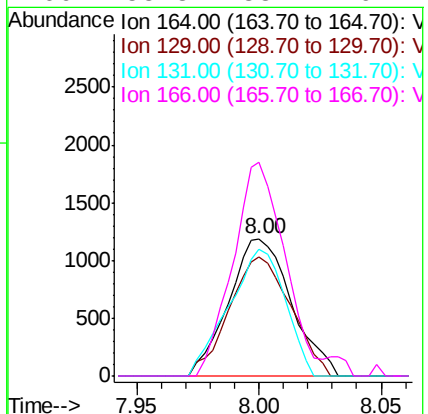
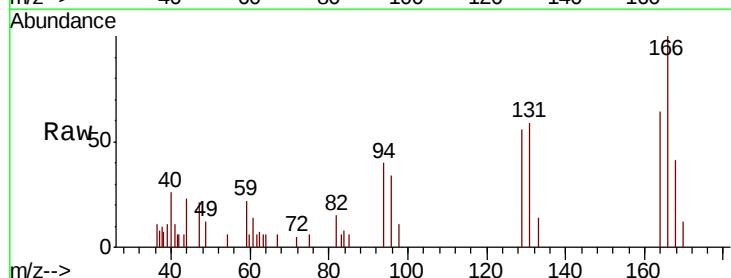
Instrument :
 MSVOA_V
 ClientSampleId :

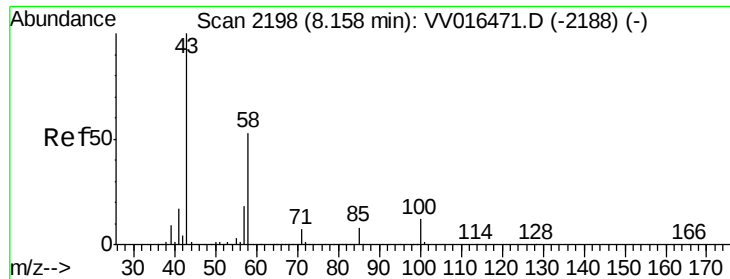
Tot Ion: 95 Resp: 1123168
 Ion Ratio Lower Upper
 95 100
 97 65.3 42.8 79.6
 132 96.6 65.6 121.8
 130 101.4 69.0 128.1



#46
 Tetrachloroethene
 Concen: 1.010 ug/L
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VV016477.D
 Acq: 04 Jun 2020 00:05

Tgt Ion: 164 Resp: 2117
 Ion Ratio Lower Upper
 164 100
 129 87.1 67.7 125.7
 131 92.3 63.8 118.6
 166 155.8 88.7 164.7

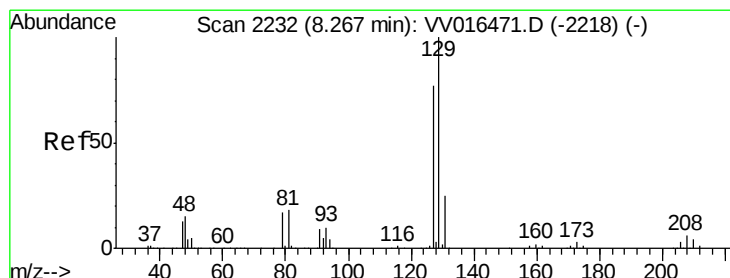
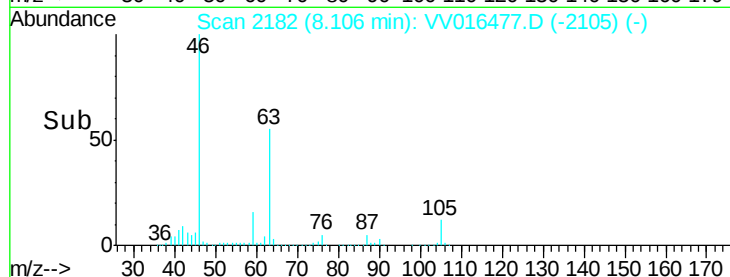
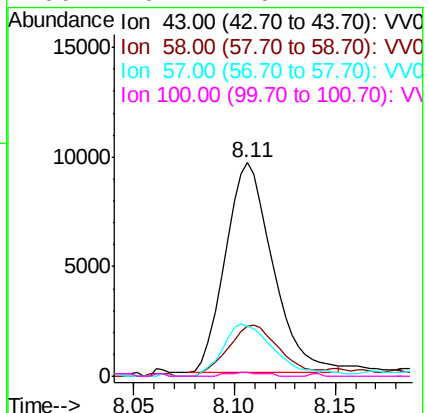
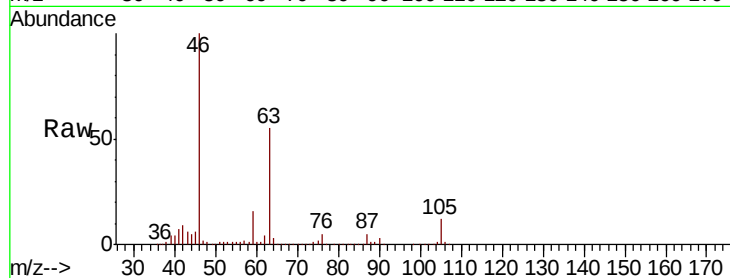




#48
2-Hexanone
Concen: 5.480 ug/L
RT: 8.11 min Scan# 2182
Delta R.T. -0.05 min
Lab File: VV016477.D
Acq: 04 Jun 2020 00:05

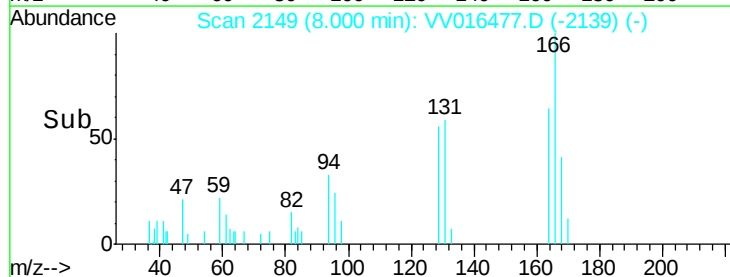
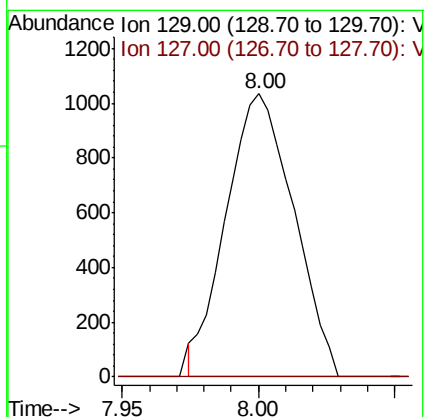
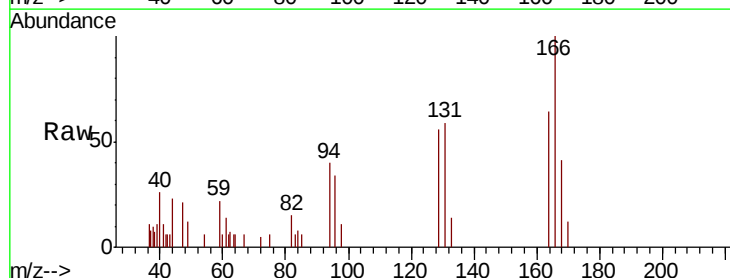
Instrument :
MSVOA_V
ClientSampled :

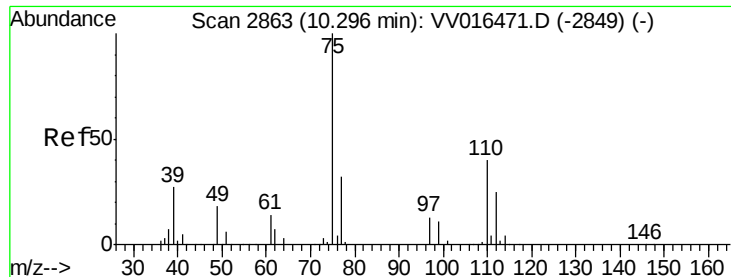
Tot Ion: 43 Resp: 15828
Ion Ratio Lower Upper
43 100
58 26.5 42.7 64.1#
57 26.3 14.5 21.7#
100 0.2 9.4 14.2#



#49
Dibromochloromethane
Concen: 0.701 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. -0.27 min
Lab File: VV016477.D
Acq: 04 Jun 2020 00:05

Tgt Ion: 129 Resp: 1778
Ion Ratio Lower Upper
129 100
127 0.0 54.6 101.4#





#59

1,2,3-Trichloropropane

Concen: 5.963 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV016477.D

Acq: 04 Jun 2020 00:05

Instrument :

MSVOA_V

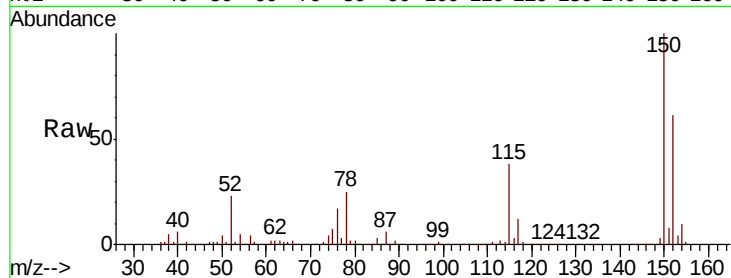
ClientSampleId :

Tot Ion: 75 Resp: 20090

Ion Ratio Lower Upper

75 100

77 39.0 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

