

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060420\
 Data File : VV016512.D
 Acq On : 04 Jun 2020 16:30
 Operator : SY/MD
 Sample : L2849-11DL 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 05 01:55:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 05 01:52:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	371224	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	357178	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	171076	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	92447	35.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.32%
7) Chloroethane-d5	1.56	69	76880	40.50	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.00%
11) 1,1-Dichloroethene-d2	2.12	63	127620	27.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.76%#
21) 2-Butanone-d5	3.89	46	198424	118.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.02%
24) Chloroform-d	4.37	84	217641	44.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.22%
26) 1,2-Dichloroethane-d4	5.05	65	154051	46.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.24%
32) Benzene-d6	5.07	84	432652	45.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.44%
36) 1,2-Dichloropropane-d6	6.09	67	137649	46.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.34%
41) Toluene-d8	7.34	98	391962	45.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.22%
43) trans-1,3-Dichloropropene-	7.64	79	63287	43.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.12%
47) 2-Hexanone-d5	8.11	63	148519	116.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.32%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	195626	48.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	164801	51.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.52%

Target Compounds

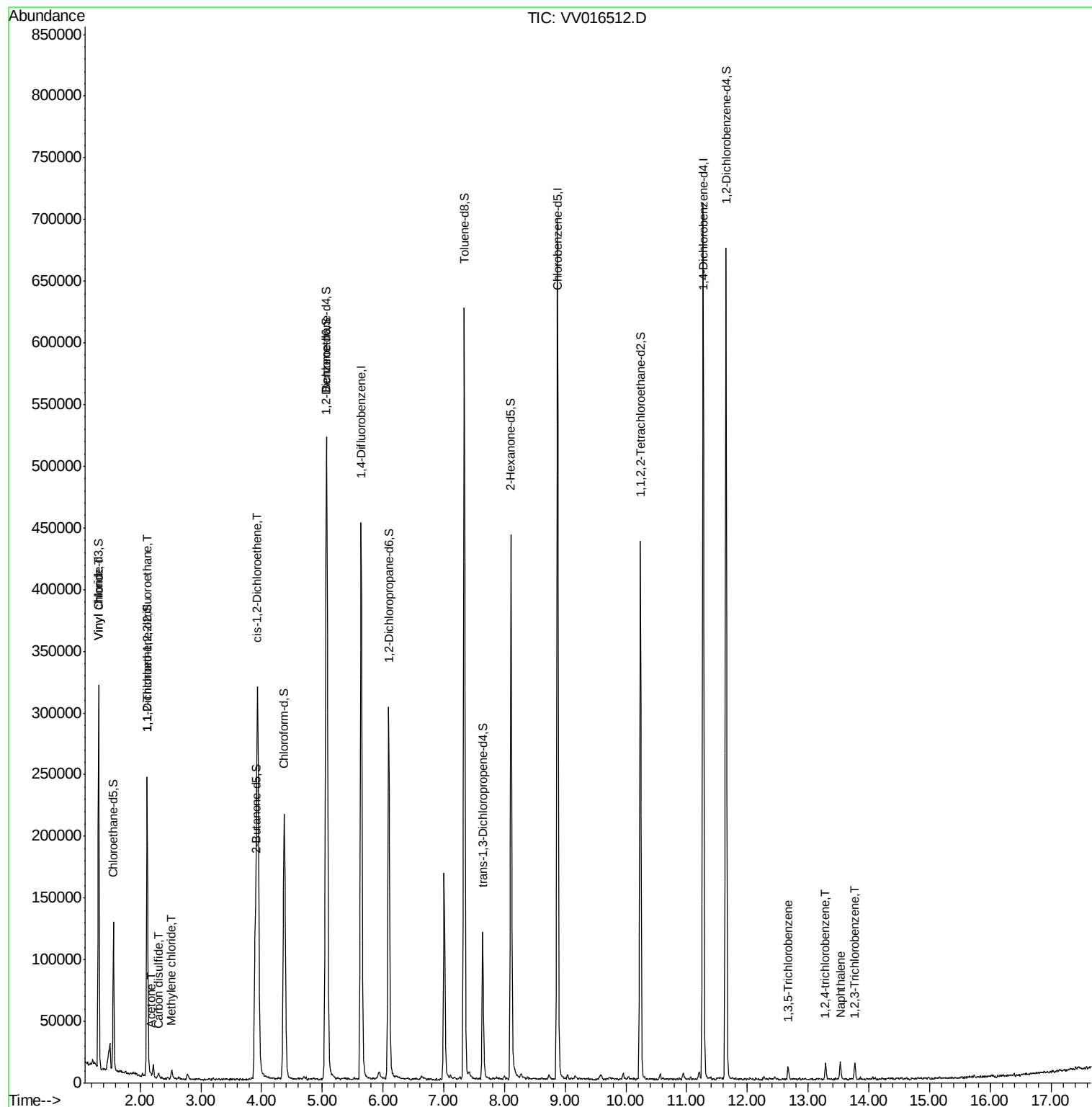
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	105263	36.917	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1653	0.772	ug/L #	32
13) Acetone	2.17	43	2045	1.301	ug/L	77
14) Carbon disulfide	2.31	76	4186	0.587	ug/L #	88
16) Methylene chloride	2.52	84	2893	0.996	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	163323	58.197	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	2489	0.698	ug/L	94
68) 1,2,4-trichlorobenzene	13.29	180	3058	0.926	ug/L	94
69) Naphthalene	13.53	128	10373	1.024	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	3503	1.116	ug/L	94

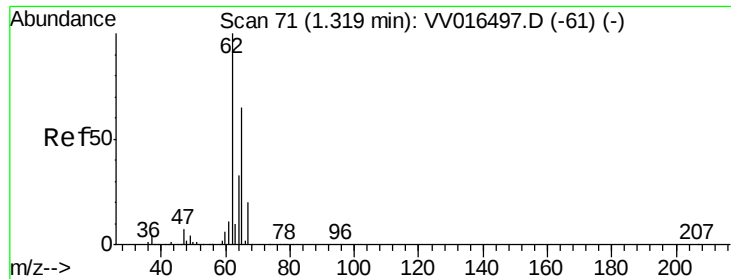
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jun 05 01:52:01 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 36.917 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016512.D

Acq: 04 Jun 2020 16:30

Instrument :

MSVOA_V

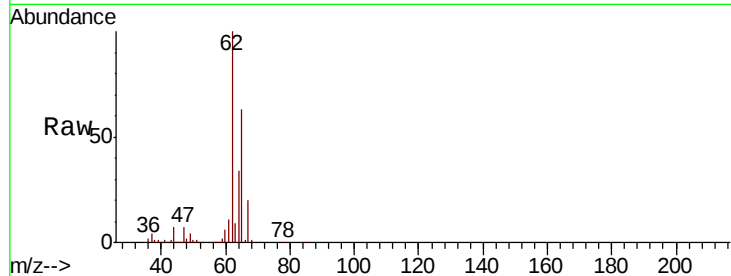
ClientSampleId :

Tot Ion: 62 Resp: 105263

Ion Ratio Lower Upper

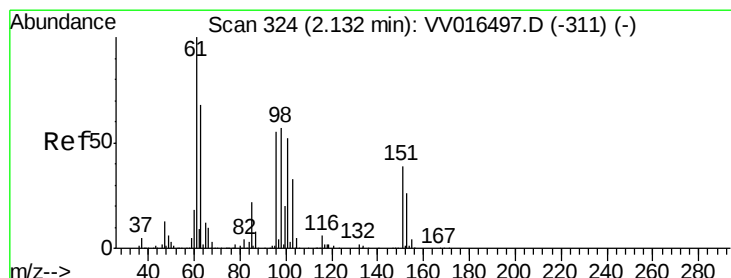
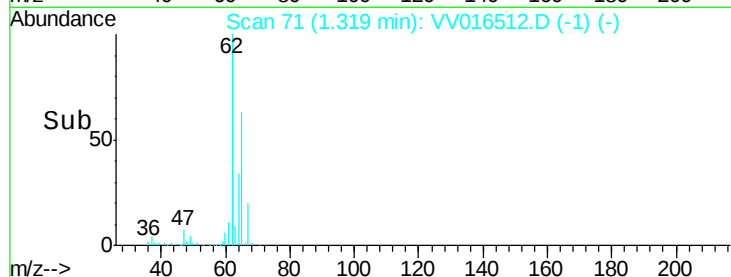
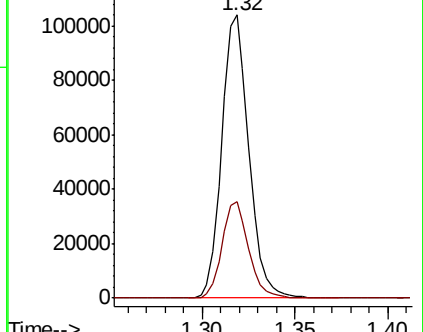
62 100

64 34.1 22.7 42.1



Abundance Ion 62.00 (61.70 to 62.70): VV016512.D (-1) (-)

Ion 64.00 (63.70 to 64.70): VV016512.D (-1) (-)



#10

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

Concen: 0.772 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.02 min

Lab File: VV016512.D

Acq: 04 Jun 2020 16:30

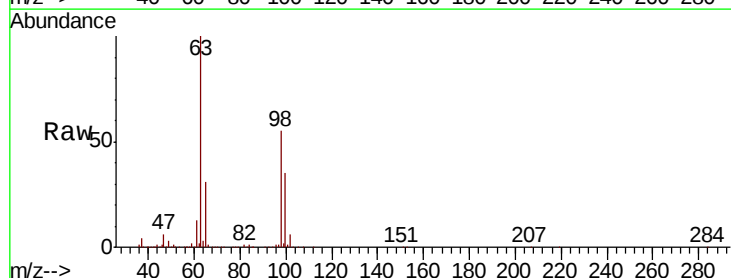
Tgt Ion: 101 Resp: 1653

Ion Ratio Lower Upper

101 100

85 4.4 35.6 53.4#

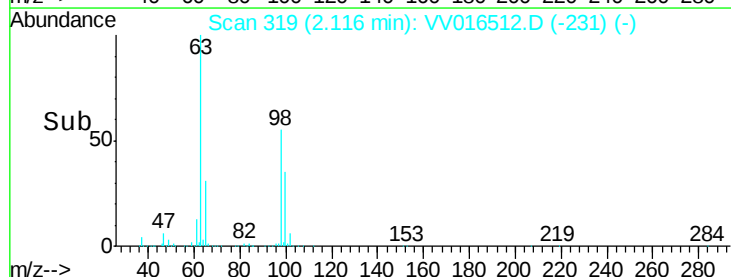
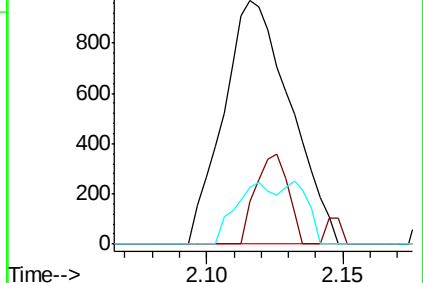
151 15.2 61.8 92.8#

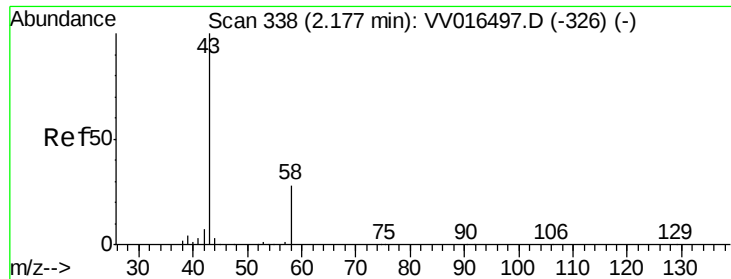


Abundance Ion 101.00 (100.70 to 101.70): VV016512.D (-231) (-)

Ion 85.00 (84.70 to 85.70): VV016512.D (-231) (-)

Ion 151.00 (150.70 to 151.70): VV016512.D (-231) (-)





#13

Acetone

Concen: 1.301 ug/L

RT: 2.17 min Scan# 337

Delta R.T. -0.00 min

Lab File: VV016512.D

Acq: 04 Jun 2020 16:30

Instrument :

MSVOA_V

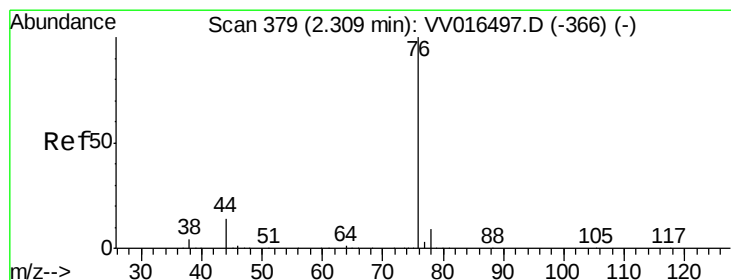
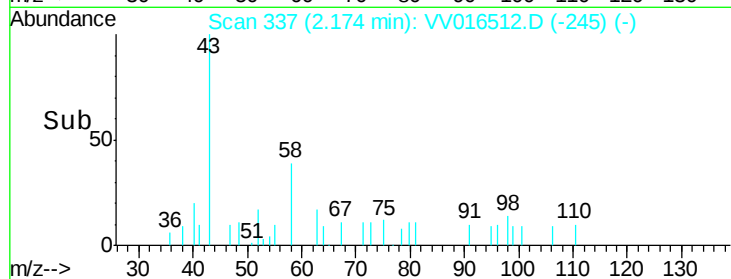
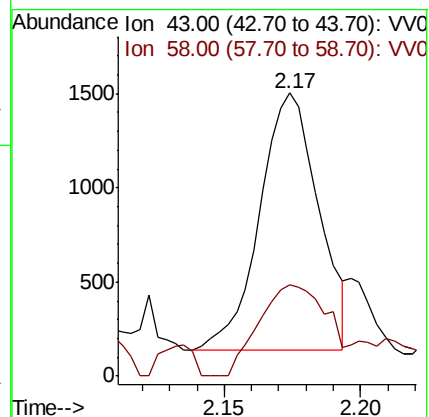
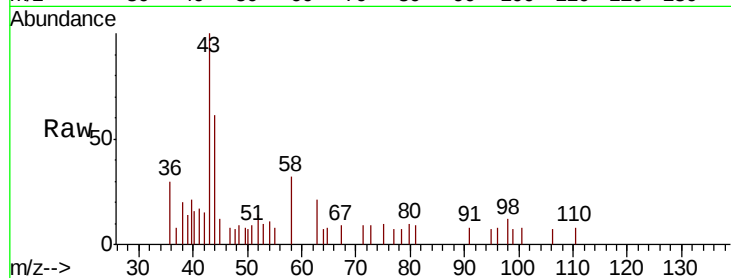
ClientSampleId :

Tot Ion: 43 Resp: 2045

Ion Ratio Lower Upper

43 100

58 41.0 0.0 57.2



#14

Carbon disulfide

Concen: 0.587 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

Lab File: VV016512.D

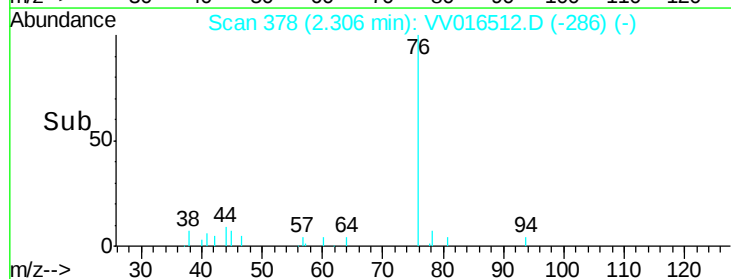
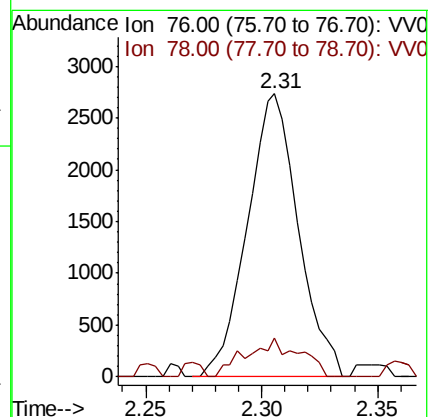
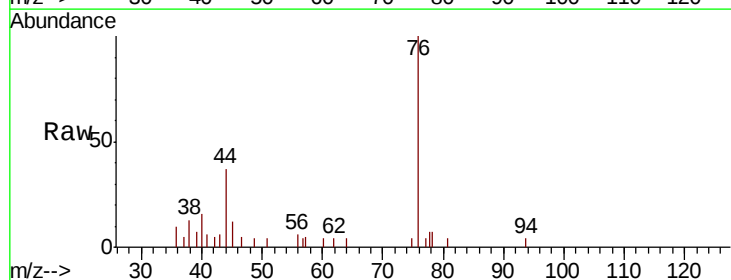
Acq: 04 Jun 2020 16:30

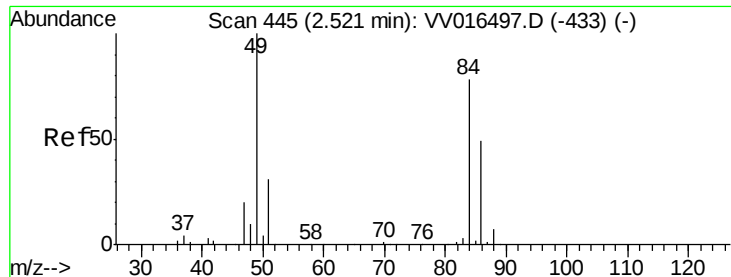
Tgt Ion: 76 Resp: 4186

Ion Ratio Lower Upper

76 100

78 13.8 7.6 11.4#

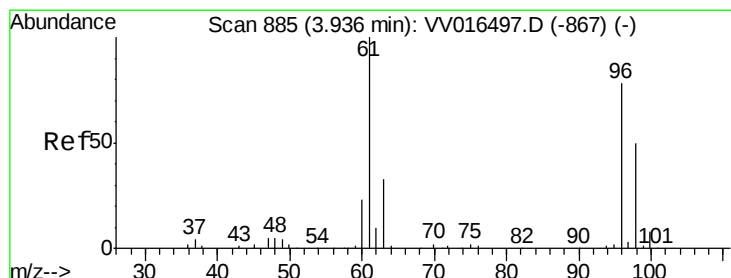
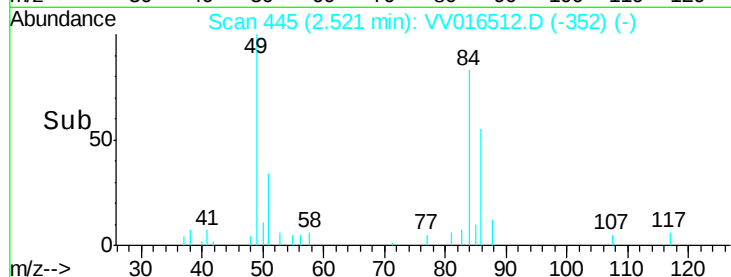
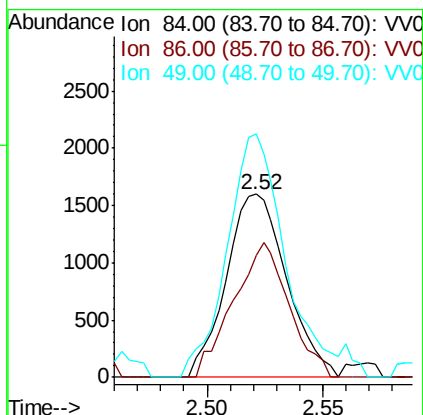
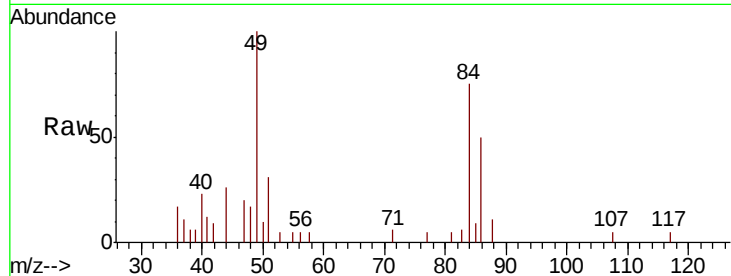




#16
Methvlene chloride
Concen: 0.996 ug/L
RT: 2.52 min Scan# 445
Delta R.T. -0.00 min
Lab File: VV016512.D
Acq: 04 Jun 2020 16:30

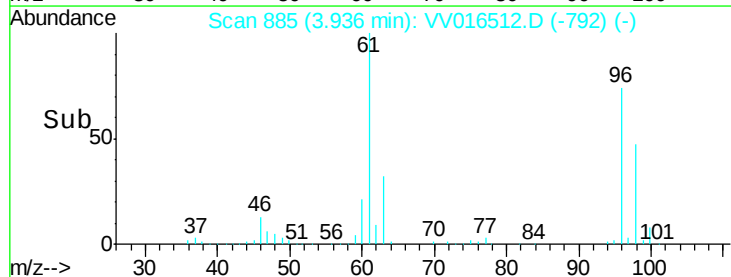
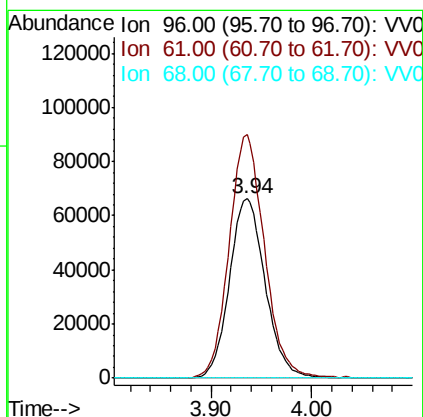
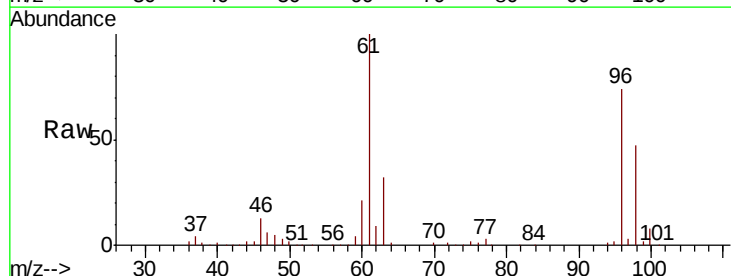
Instrument :
MSVOA_V
ClientSampled :

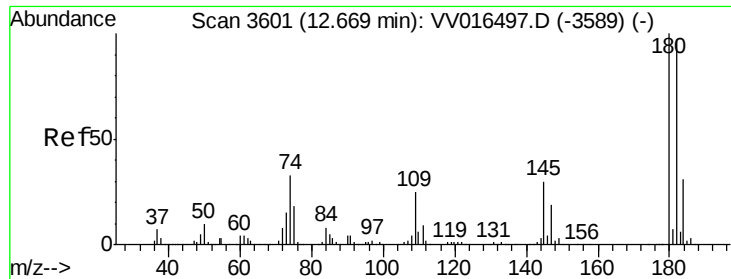
Tot Ion: 84 Resp: 2893
Ion Ratio Lower Upper
84 100
86 66.5 45.1 83.9
49 132.8 92.4 171.6



#20
cis-1,2-Dichloroethene
Concen: 58.197 ug/L
RT: 3.94 min Scan# 885
Delta R.T. -0.00 min
Lab File: VV016512.D
Acq: 04 Jun 2020 16:30

Tgt Ion: 96 Resp: 163323
Ion Ratio Lower Upper
96 100
61 135.7 93.4 173.4
68 0.0 0.0 0.0

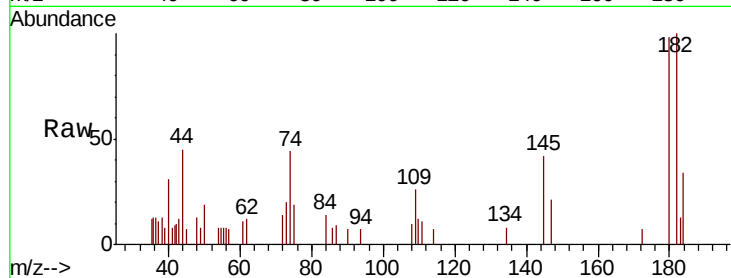




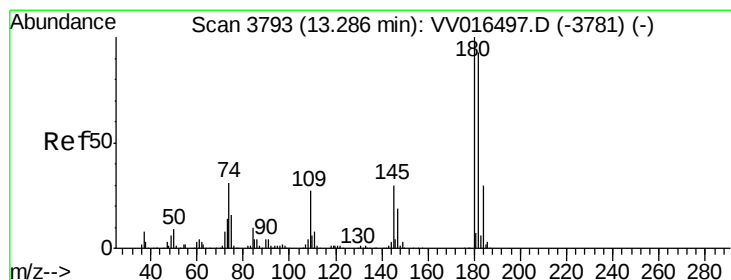
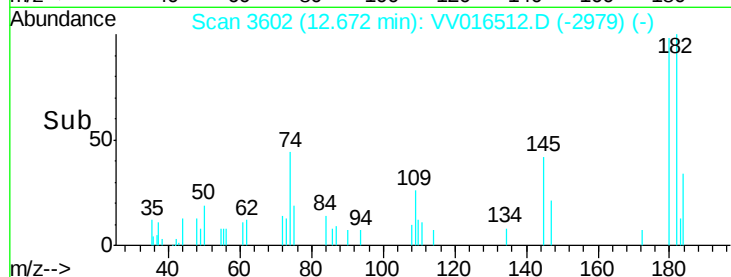
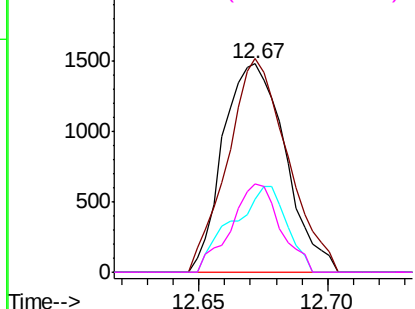
#67
 1,3,5-Trichlorobenzene
 Concen: 0.698 ug/L
 RT: 12.67 min Scan# 3602
 Delta R.T. 0.00 min
 Lab File: VV016512.D
 Acq: 04 Jun 2020 16:30

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180	Resp:	2489
Ion	Ratio	Lower Upper
180	100	
182	98.5	75.8 113.8
184	36.3	24.4 36.6
145	33.7	24.2 36.2

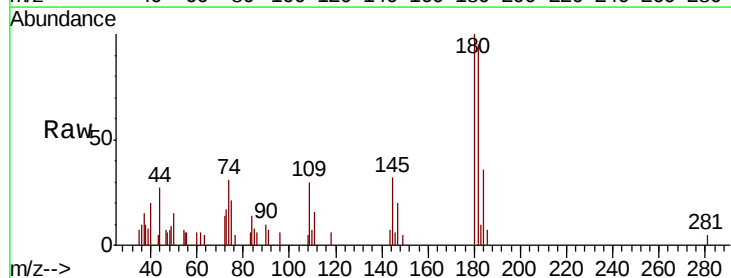


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

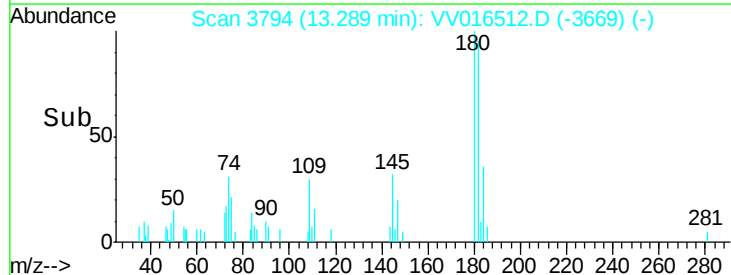
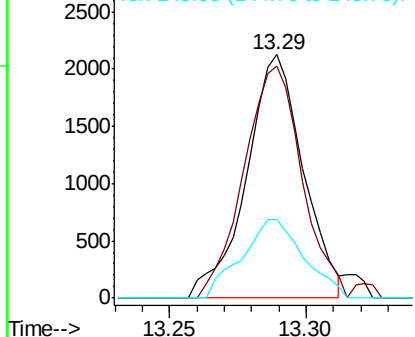


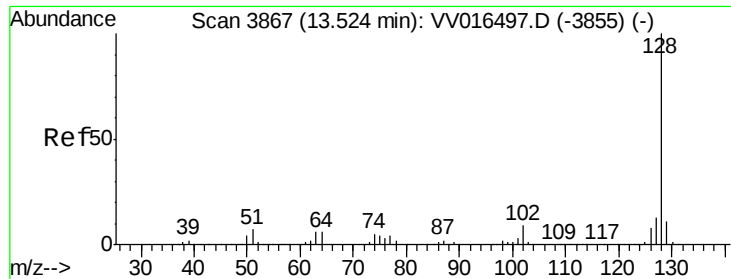
#68
 1,2,4-trichlorobenzene
 Concen: 0.926 ug/L
 RT: 13.29 min Scan# 3794
 Delta R.T. 0.00 min
 Lab File: VV016512.D
 Acq: 04 Jun 2020 16:30

Tgt Ion:180	Resp:	3058
Ion	Ratio	Lower Upper
180	100	
182	97.7	74.6 111.8
145	35.5	24.5 36.7



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 1.024 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.01 min

Lab File: VV016512.D

Acq: 04 Jun 2020 16:30

Instrument :

MSVOA_V

ClientSampleId :

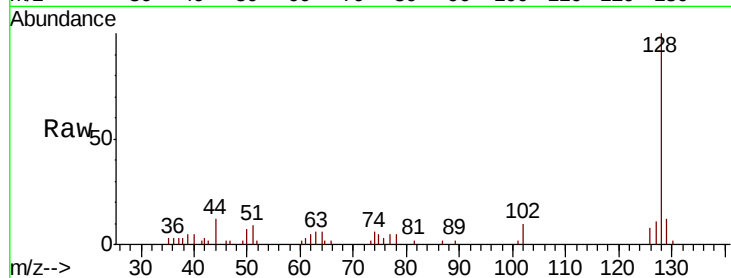
Tot Ion:128 Resp: 10373

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.4

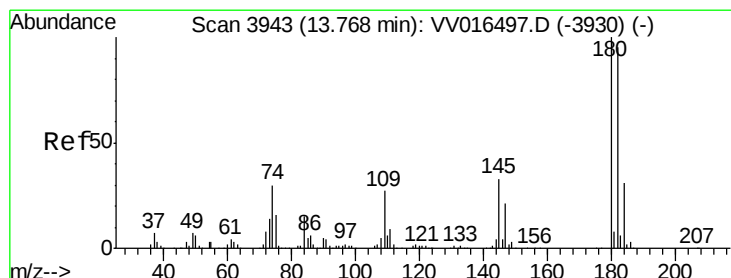
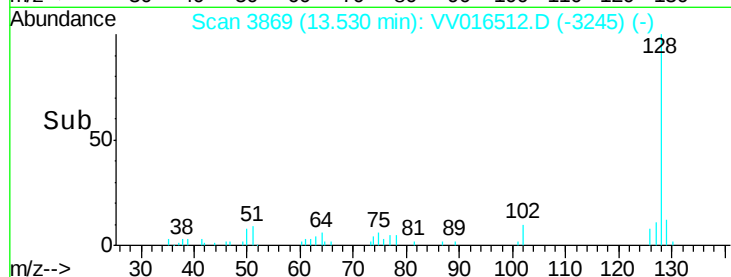
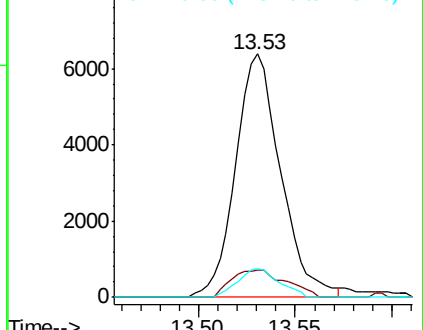
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 1.116 ug/L

RT: 13.77 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VV016512.D

Acq: 04 Jun 2020 16:30

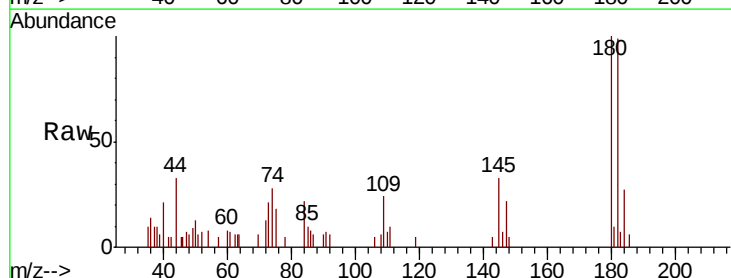
Tgt Ion:180 Resp: 3503

Ion Ratio Lower Upper

180 100

182 100.9 76.0 114.0

145 29.0 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

