

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070120\
 Data File : VV017291.D
 Acq On : 01 Jul 2020 15:58
 Operator : SY/MD
 Sample : L3150-14DL 4X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETYJ9DL

Quant Time: Jul 02 03:07:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 02 03:02:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	168893	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	165231	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	78845	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40351	3.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.60%
7) Chloroethane-d5	1.58	69	38259	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.13	63	67044	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	3.93	46	123606	47.85	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.70%
24) Chloroform-d	4.38	84	106721	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.06	65	58630	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.08	84	189308	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.10	67	56854	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.34	98	165926	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
45) trans-1,3-Dichloropropene-	7.64	79	22791	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
48) 2-Hexanone-d5	8.11	63	81819	40.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.36%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	40764	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	69643	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

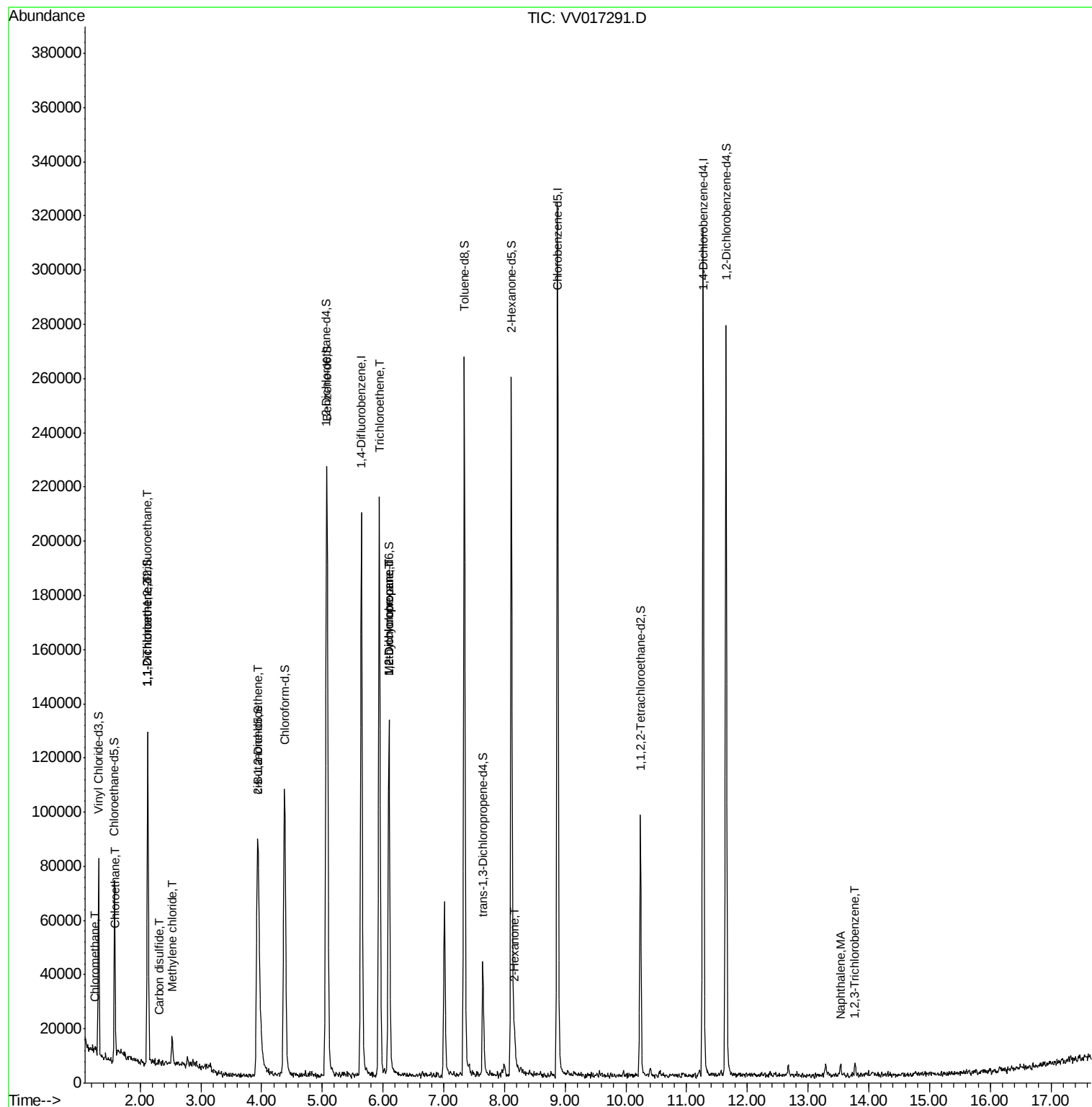
					Ovalue
3) Chloromethane	1.25	50	1750	0.153	ug/L 99
8) Chloroethane	1.60	64	2975	0.486	ug/L # 68
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	874	0.098	ug/L # 19
12) 1,1-Dichloroethene	2.13	96	884	0.109	ug/L # 1
14) Carbon disulfide	2.31	76	1274	0.052	ug/L # 67
16) Methylene chloride	2.53	84	3915	0.451	ug/L # 70
22) cis-1,2-Dichloroethene	3.94	96	15069	1.283	ug/L # 90
34) Trichloroethene	5.94	95	70960	5.600	ug/L 97
35) Methylcyclohexane	6.09	83	15452	0.784	ug/L # 18
37) 1,2-Dichloropropane	6.10	63	8045	0.751	ug/L # 85
50) 2-Hexanone	8.17	43	4671	1.061	ug/L # 81
70) Naphthalene	13.53	128	2788	0.126	ug/L # 93
71) 1,2,3-Trichlorobenzene	13.77	180	1268	0.099	ug/L 95

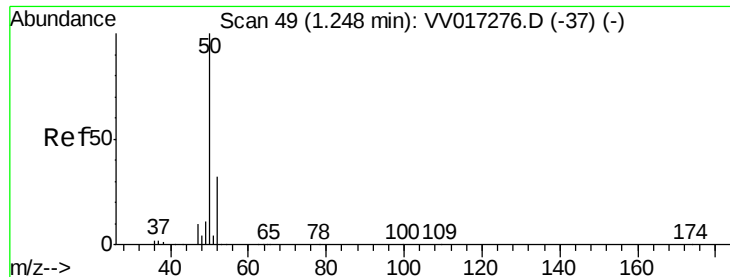
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV070120\
Data File : VV017291.D
Acq On : 01 Jul 2020 15:58
Operator : SY/MD
Sample : L3150-14DL 4X
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETYJ9DL

Quant Time: Jul 02 03:07:25 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 02 03:02:49 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.153 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV017291.D

Acq: 01 Jul 2020 15:58

Instrument :

MSVOA_V

ClientSampleId :

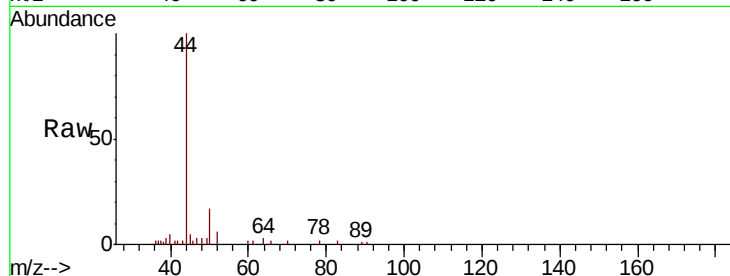
ETYJ9DL

Tot Ion: 50 Resp: 1750

Ion Ratio Lower Upper

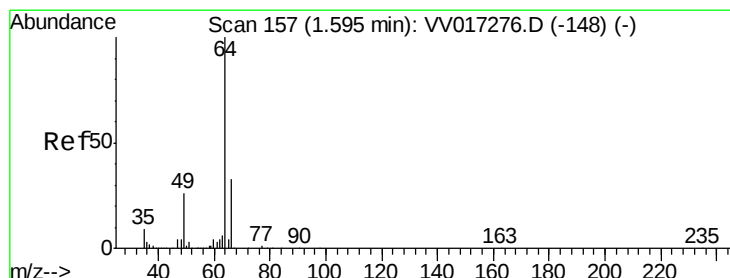
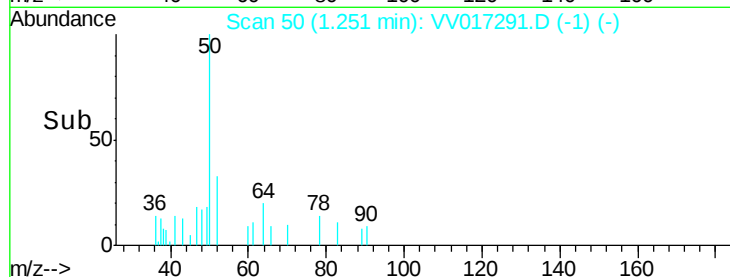
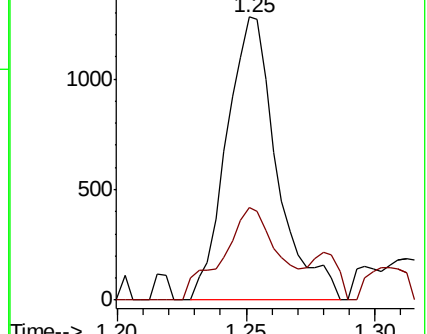
50 100

52 33.0 22.5 41.9



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 0.486 ug/L

RT: 1.60 min Scan# 158

Delta R.T. 0.00 min

Lab File: VV017291.D

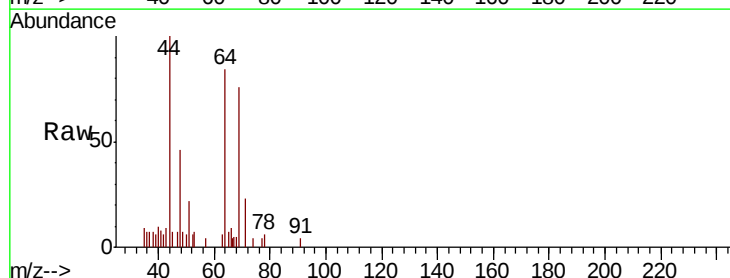
Acq: 01 Jul 2020 15:58

Tgt Ion: 64 Resp: 2975

Ion Ratio Lower Upper

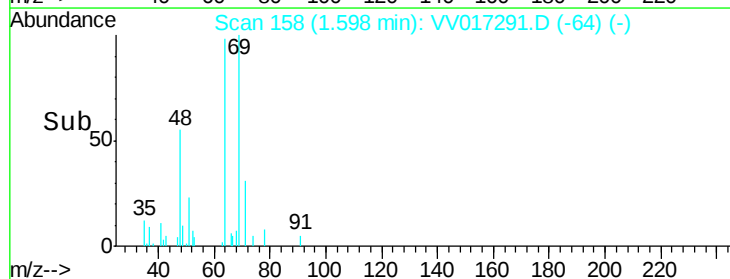
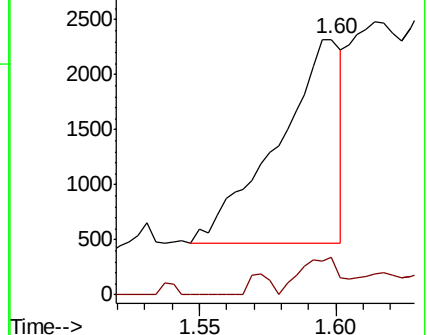
64 100

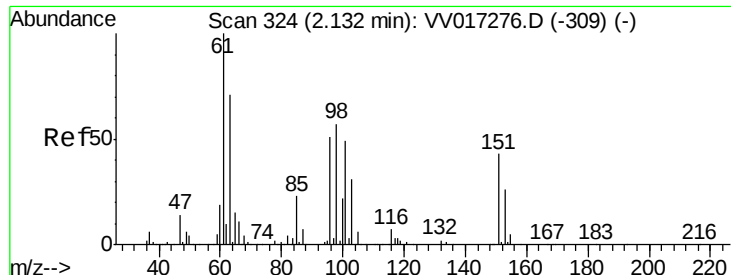
66 14.6 22.8 42.4#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#10

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

Concen: 0.098 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV017291.D

Acq: 01 Jul 2020 15:58

Instrument :

MSVOA_V

ClientSampleId :

ETYJ9DL

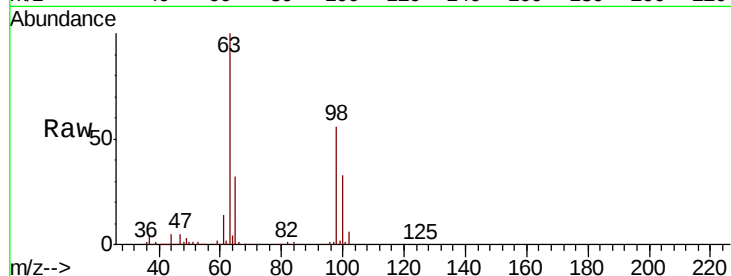
Tot Ion:101 Resp: 874

Ion Ratio Lower Upper

101 100

85 2.4 35.4 53.2#

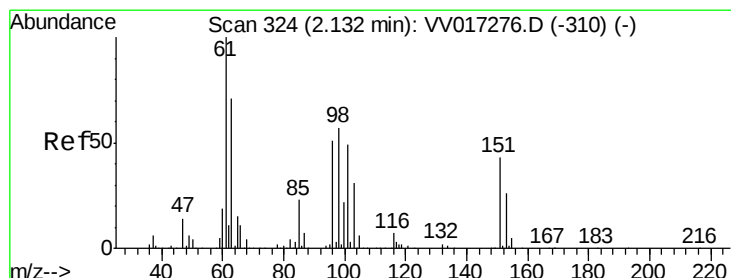
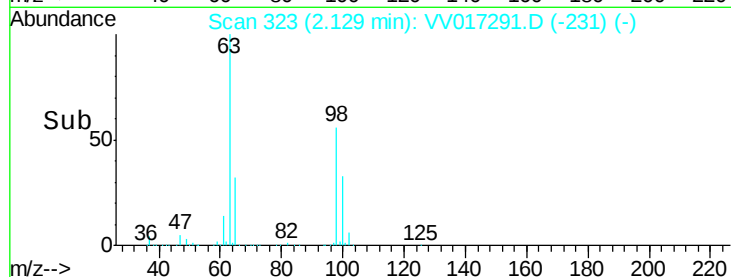
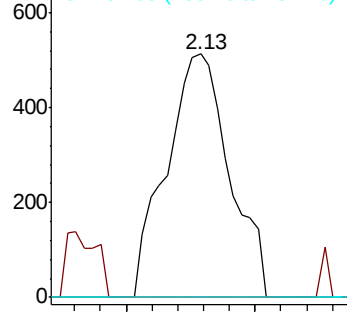
151 0.0 63.9 95.9#



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



#12

1,1-Dichloroethene

Concen: 0.109 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV017291.D

Acq: 01 Jul 2020 15:58

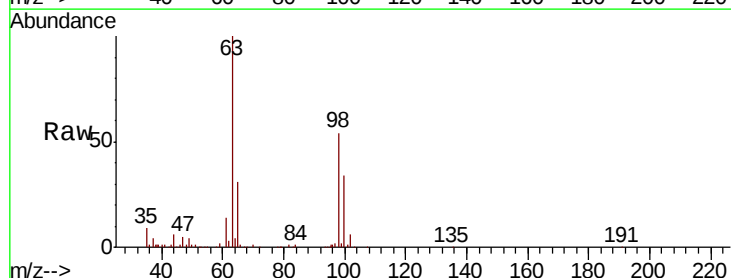
Tgt Ion: 96 Resp: 884

Ion Ratio Lower Upper

96 100

61 962.4 125.0 232.2#

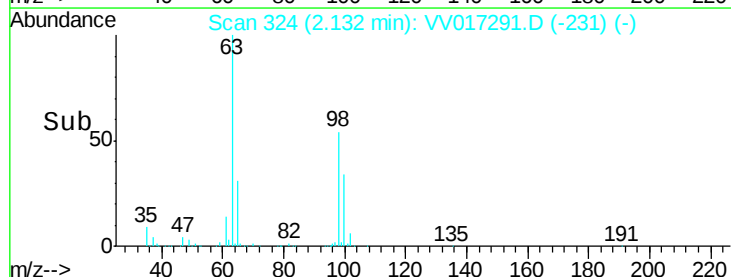
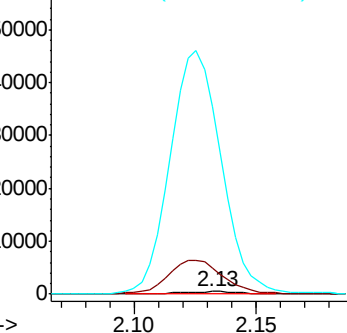
63 6778.6 109.8 203.8#

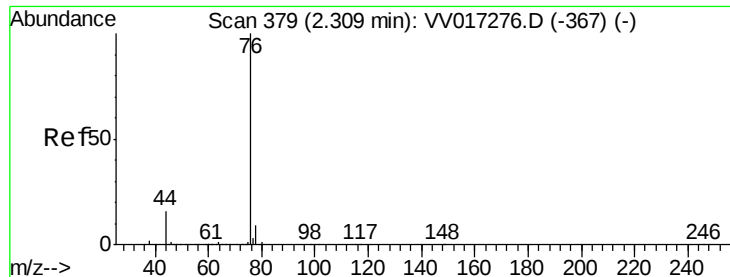


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#14

Carbon disulfide

Concen: 0.052 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VV017291.D

Acq: 01 Jul 2020 15:58

Instrument :

MSVOA_V

ClientSampleId :

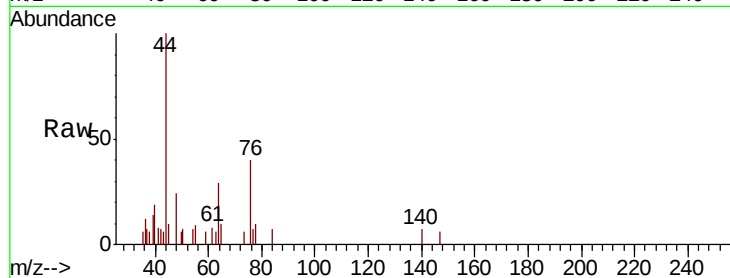
ETYJ9DL

Tot Ion: 76 Resp: 1274

Ion Ratio Lower Upper

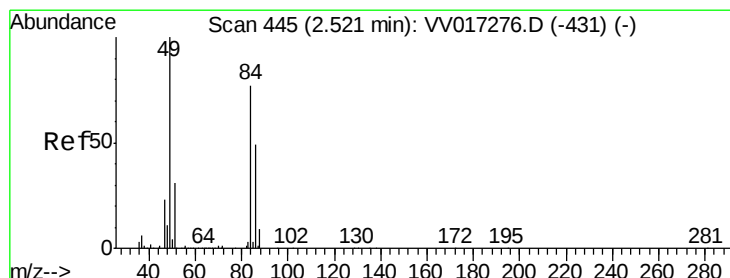
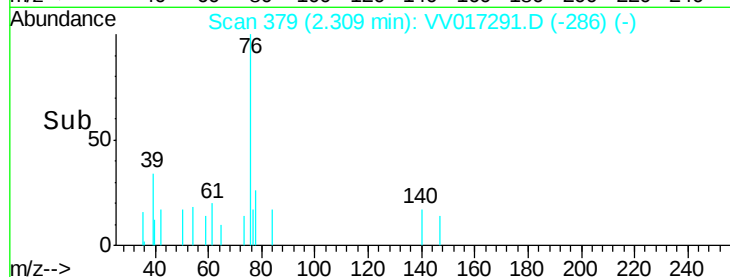
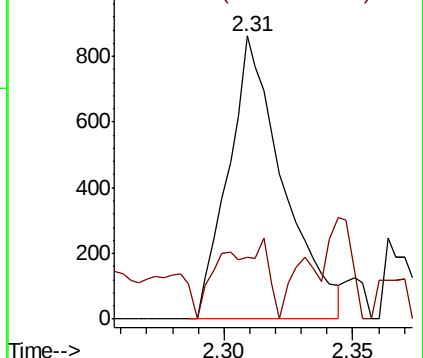
76 100

78 21.8 7.7 11.5#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#16

Methylene chloride

Concen: 0.451 ug/L

RT: 2.53 min Scan# 447

Delta R.T. 0.01 min

Lab File: VV017291.D

Acq: 01 Jul 2020 15:58

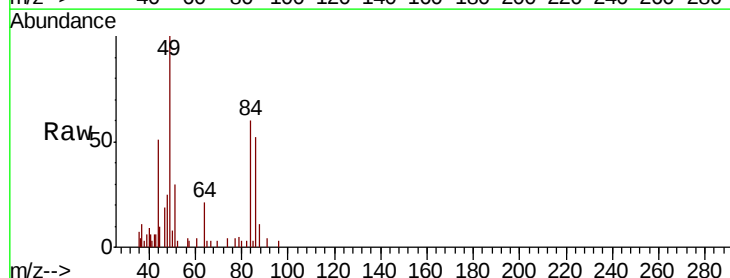
Tgt Ion: 84 Resp: 3915

Ion Ratio Lower Upper

84 100

86 85.4 45.8 85.0#

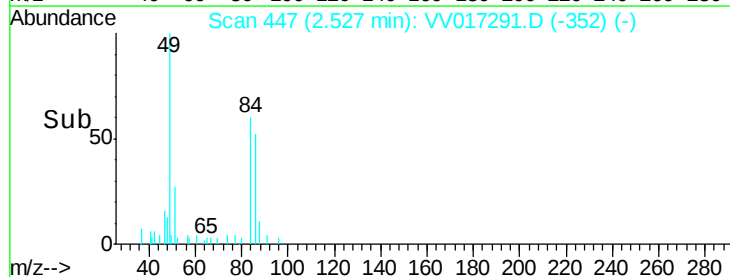
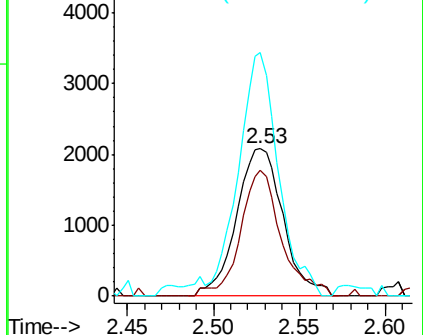
49 165.4 89.6 166.4

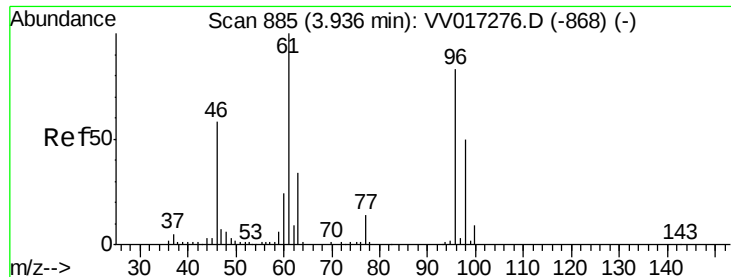


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0



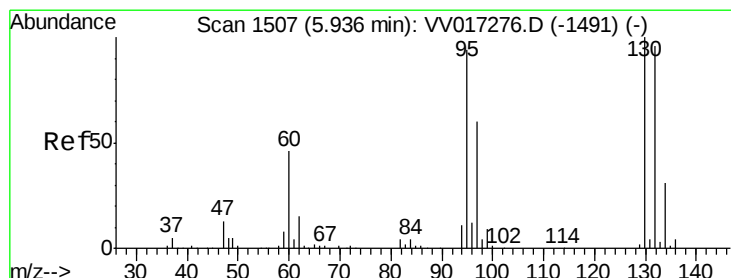
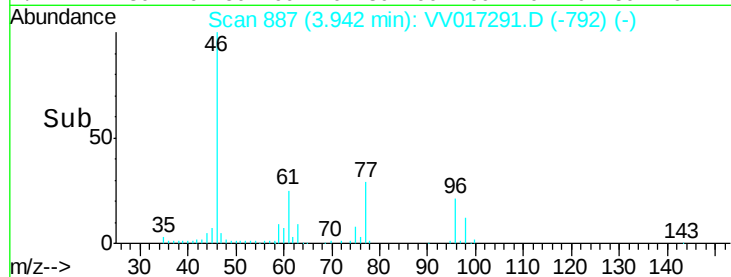
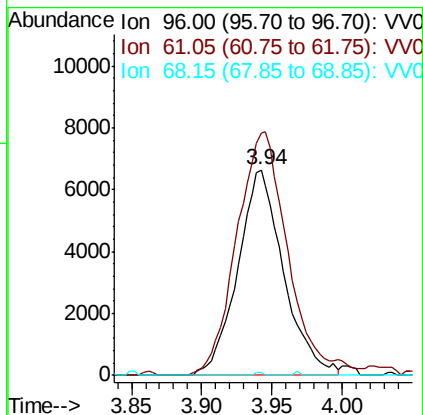
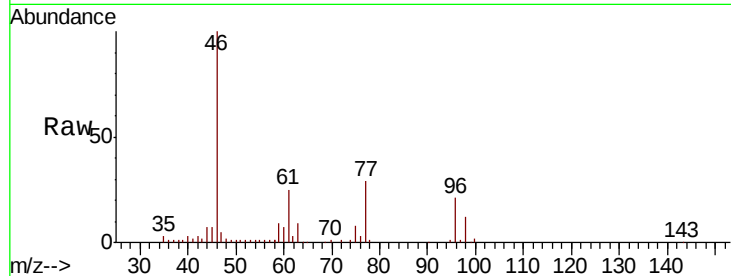


#22

cis-1,2-Dichloroethene
 Concen: 1.283 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV017291.D
 Acq: 01 Jul 2020 15:58

Instrument :
 MSVOA_V
 ClientSampleId :
 ETYJ9DL

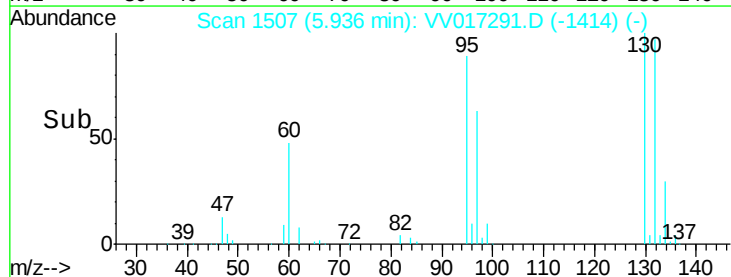
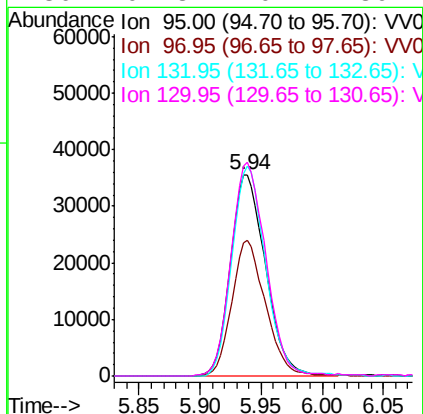
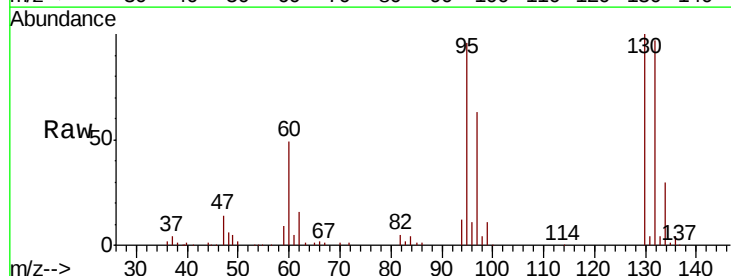
Tot Ion: 96 Resp: 15069
 Ion Ratio Lower Upper
 96 100
 61 118.2 91.0 169.0
 68 1.7 0.0 0.0#

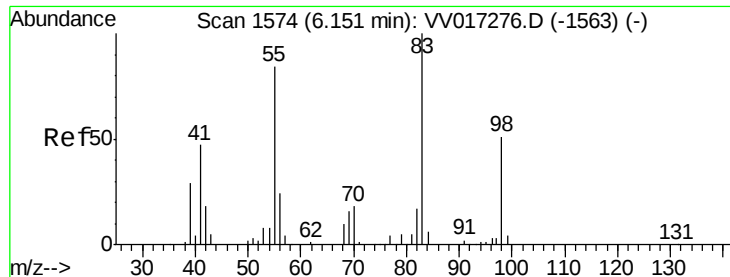


#34

Trichloroethene
 Concen: 5.600 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: VV017291.D
 Acq: 01 Jul 2020 15:58

Tgt Ion: 95 Resp: 70960
 Ion Ratio Lower Upper
 95 100
 97 66.1 45.3 84.1
 132 100.9 68.8 127.8
 130 104.3 70.2 130.4

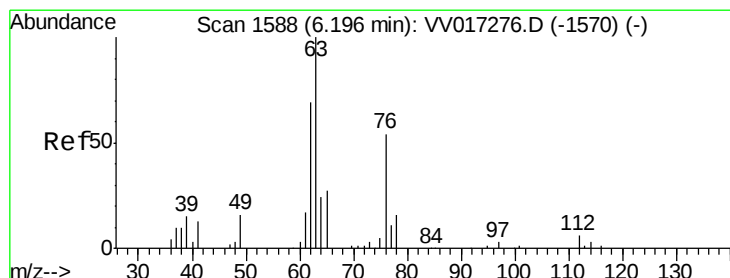
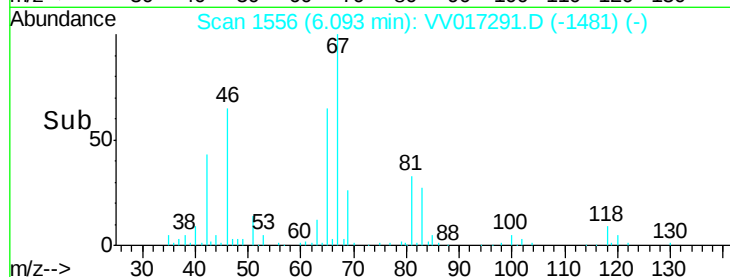
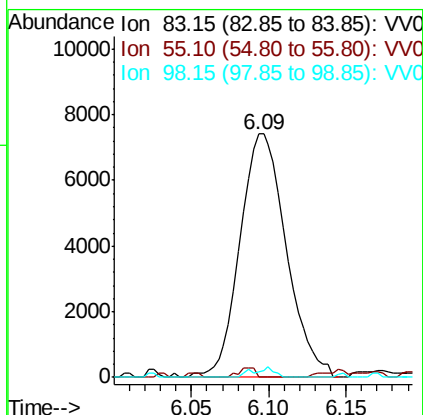
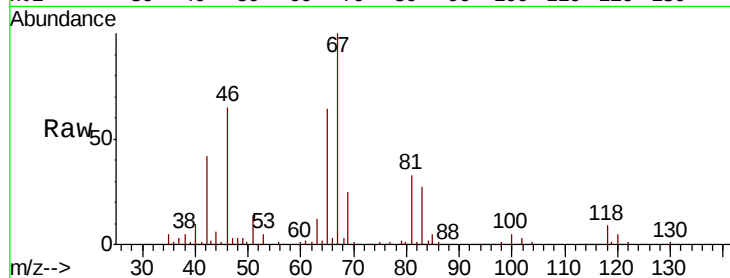




#35
Methvlcvclohexane
Concen: 0.784 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017291.D
Acq: 01 Jul 2020 15:58

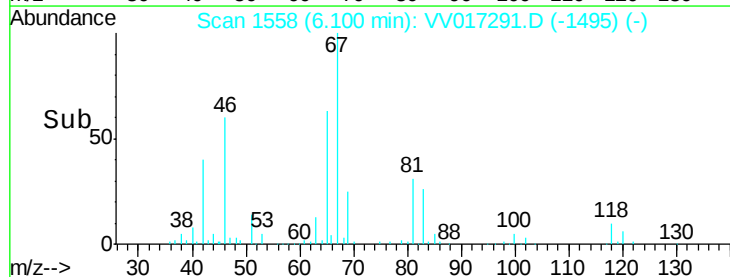
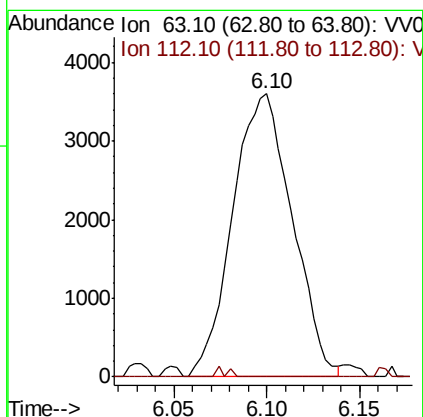
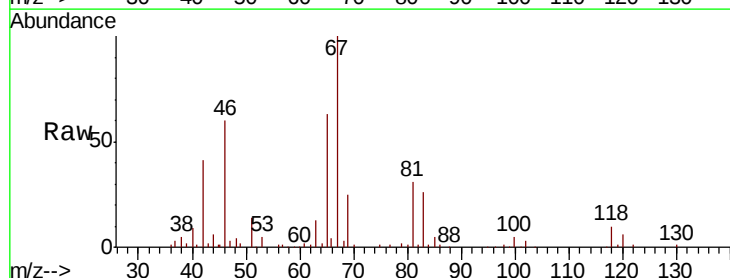
Instrument :
MSVOA_V
ClientSampleId :
ETYJ9DL

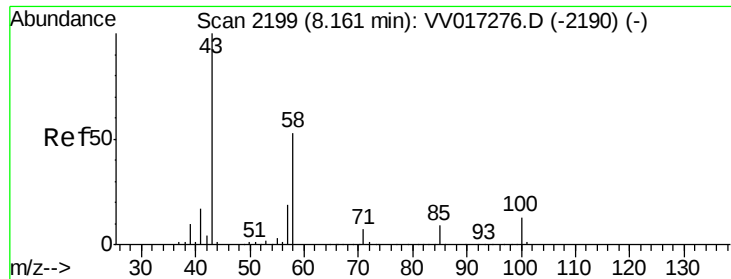
Tot Ion: 83 Resp: 15452
Ion Ratio Lower Upper
83 100
55 1.3 63.6 95.4#
98 0.7 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.751 ug/L
RT: 6.10 min Scan# 1558
Delta R.T. -0.10 min
Lab File: VV017291.D
Acq: 01 Jul 2020 15:58

Tgt Ion: 63 Resp: 8045
Ion Ratio Lower Upper
63 100
112 0.6 4.4 6.6#

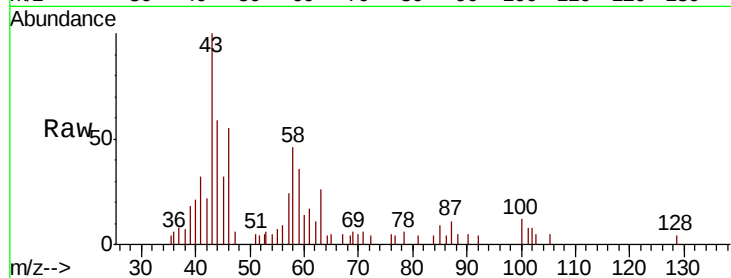




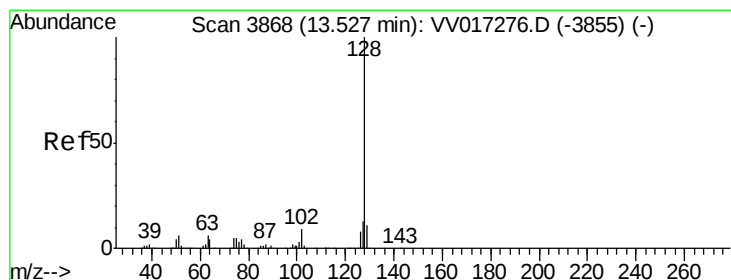
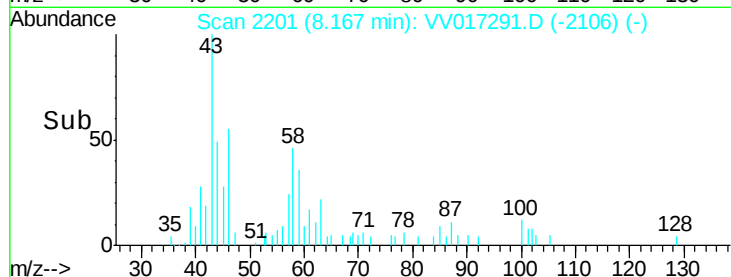
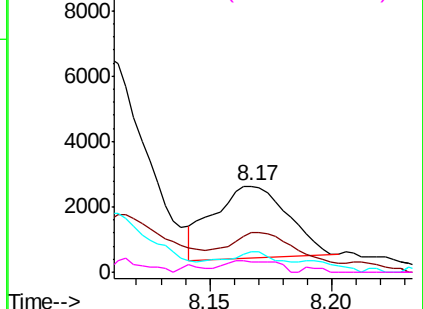
#50
2-Hexanone
Concen: 1.061 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV017291.D
Acq: 01 Jul 2020 15:58

Instrument :
MSVOA_V
ClientSampleId :
ETYJ9DL

Tot Ion: 43 Resp: 4671
Ion Ratio Lower Upper
43 100
58 37.2 41.6 62.4#
57 9.1 15.4 23.0#
100 11.5 10.1 15.1

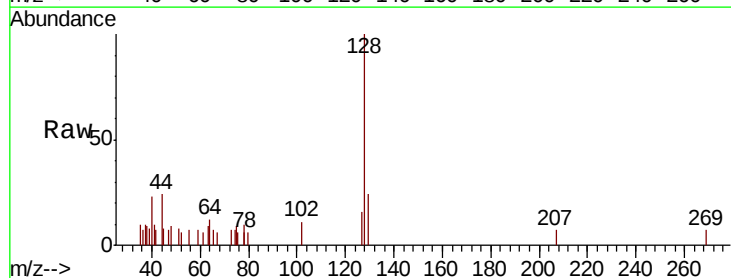


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

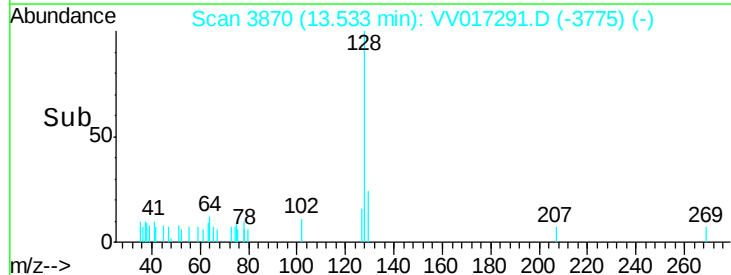
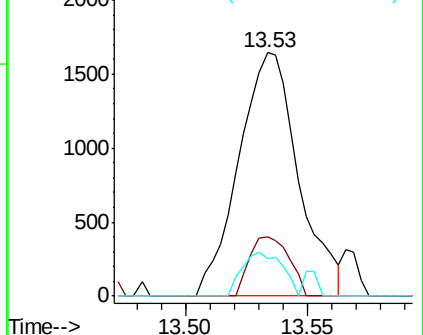


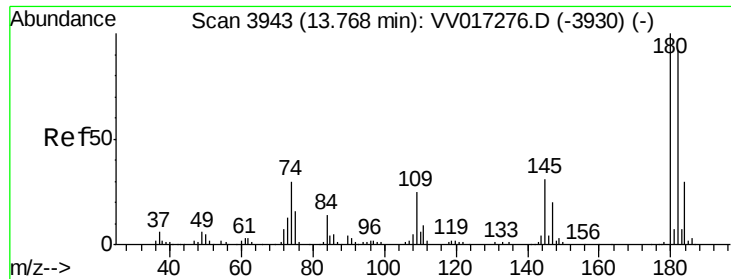
#70
Naphthalene
Concen: 0.126 ug/L
RT: 13.53 min Scan# 3870
Delta R.T. 0.01 min
Lab File: VV017291.D
Acq: 01 Jul 2020 15:58

Tgt Ion: 128 Resp: 2788
Ion Ratio Lower Upper
128 100
129 16.0 8.8 13.2#
127 12.1 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V





#71

1,2,3-Trichlorobenzene

Concen: 0.099 ug/L

RT: 13.77 min Scan# 3943

Delta R.T. -0.00 min

Lab File: VV017291.D

Acq: 01 Jul 2020 15:58

Instrument :

MSVOA_V

ClientSampleId :

ETYJ9DL

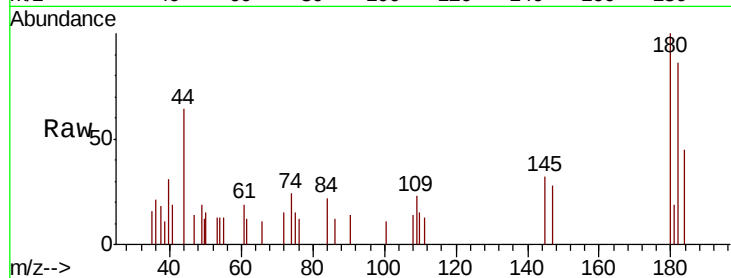
Tot Ion:180 Resp: 1268

Ion Ratio Lower Upper

180 100

182 102.8 77.4 116.0

145 33.5 25.9 38.9



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

