

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070120\
 Data File : VV017278.D
 Acq On : 01 Jul 2020 10:23
 Operator : SY/MD
 Sample : L3150-14
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETYJ9

Manual Integrations
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 7/6/2020 10:13:35 AM

Quant Time: Jul 02 03:38:46 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	171367	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	168083	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	72756	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46511	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	1.58	69	40946	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.60%
11) 1,1-Dichloroethene-d2	2.13	63	71757	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	3.92	46	136063	51.91	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.82%
24) Chloroform-d	4.37	84	114444	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.06	65	63208	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
32) Benzene-d6	5.07	84	205177	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.09	67	62027	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.34	98	174826	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
45) trans-1,3-Dichloropropene-	7.64	79	23513	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
48) 2-Hexanone-d5	8.11	63	92137	44.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.94%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	43356	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	72064	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	2221	0.192	ug/L	95
16) Methylene chloride	2.52	84	5626	0.639	ug/L	97
18) trans-1,2-Dichloroethene	2.78	96	1366	0.157	ug/L	88
22) cis-1,2-Dichloroethene	3.94	96	57108	4.792	ug/L #	100
34) Trichloroethene	5.94	95	276912	21.484	ug/L	98
42) Toluene	7.41	91	5957	0.116	ug/L	90
49) Tetrachloroethene	7.99	164	1474m	0.142	ug/L	

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

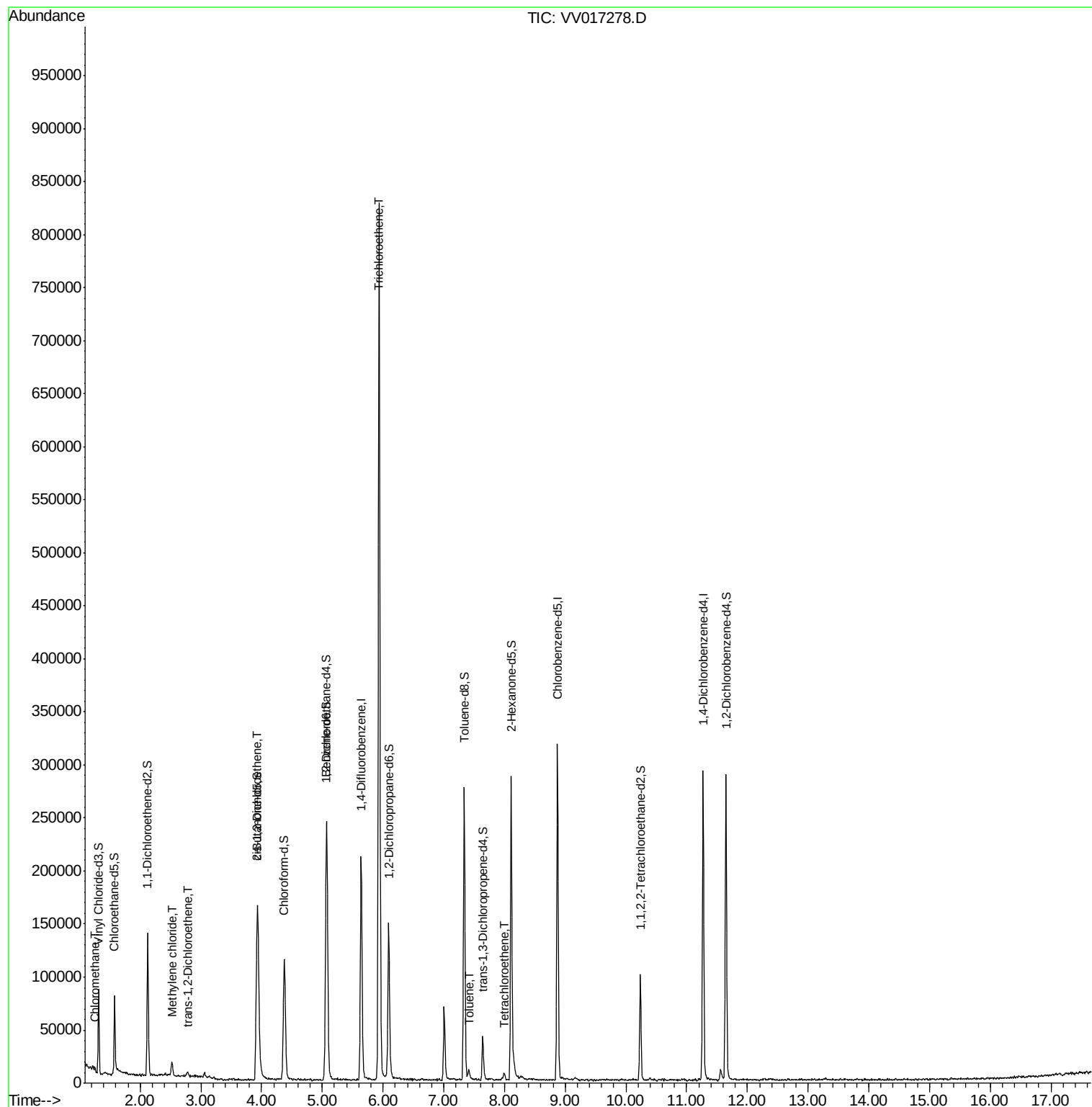
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070120\
Data File : VV017278.D
Acq On : 01 Jul 2020 10:23
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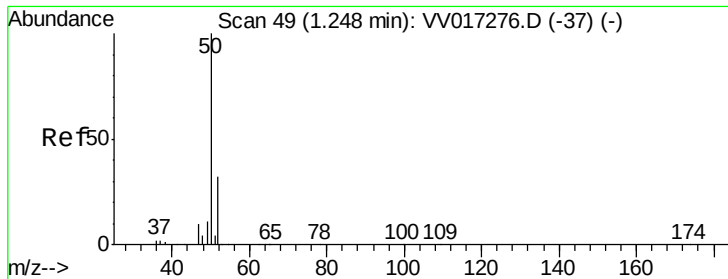
Instrument :
MSVOA_V
ClientSampleId :
ETYJ9

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Quant Time: Jul 02 03:38:46 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





#3

Chloromethane

Concen: 0.192 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV017278.D

Acq: 01 Jul 2020 10:23

Instrument :

MSVOA_V

ClientSampled :

ETYJ9

Tot Ion: 50 Resp: 2221

Ion Ratio Lower Upper

50 100

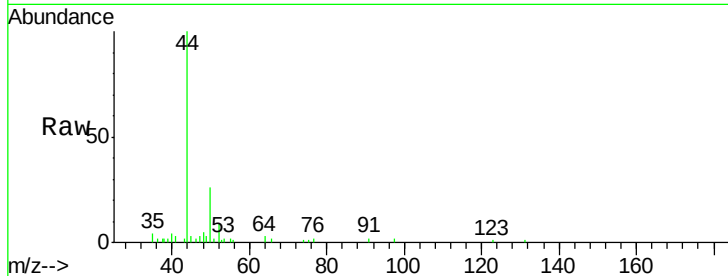
52 35.2 22.5 41.9

Manual Integrations

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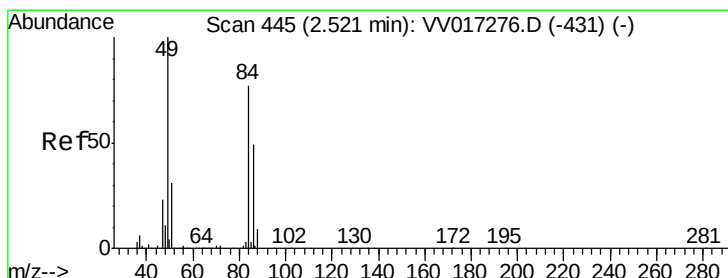
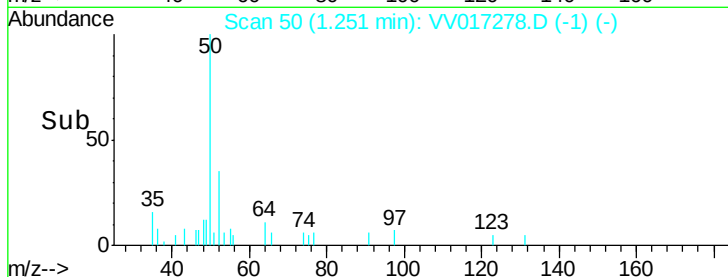
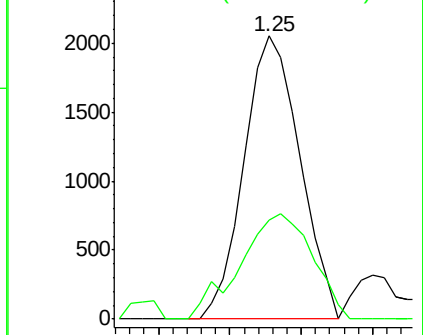
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Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#16

Methylene chloride

Concen: 0.639 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

Lab File: VV017278.D

Acq: 01 Jul 2020 10:23

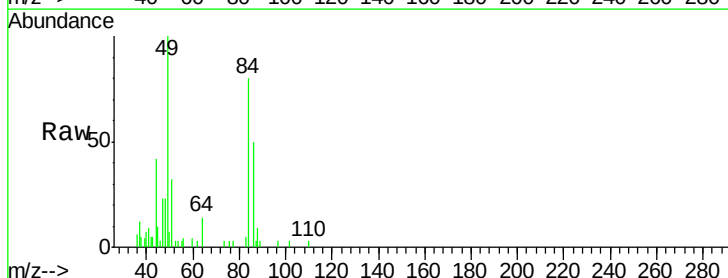
Tgt Ion: 84 Resp: 5626

Ion Ratio Lower Upper

84 100

86 62.0 45.8 85.0

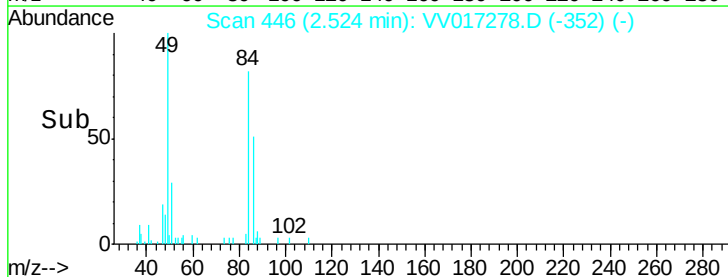
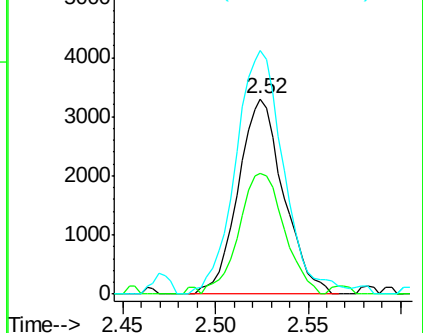
49 124.8 89.6 166.4

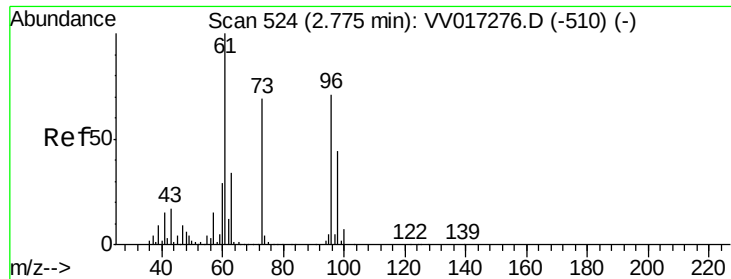


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0





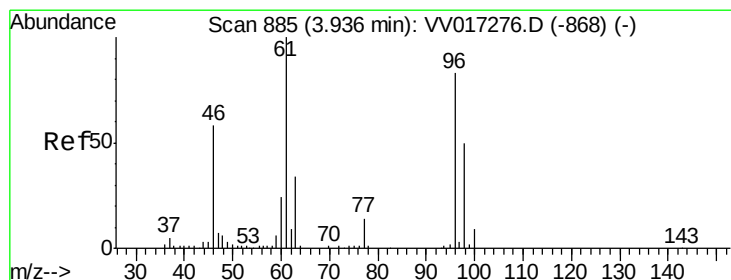
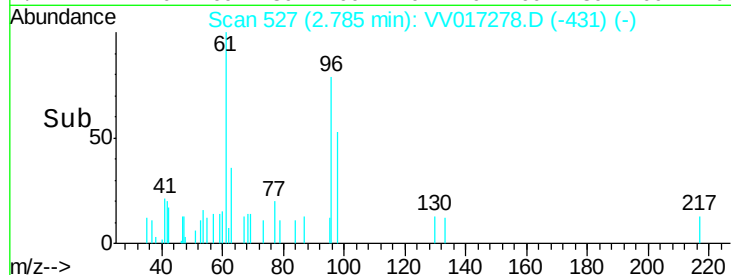
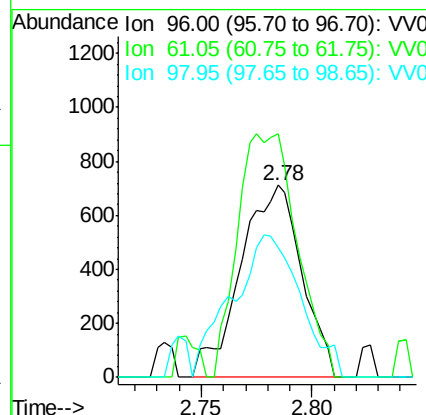
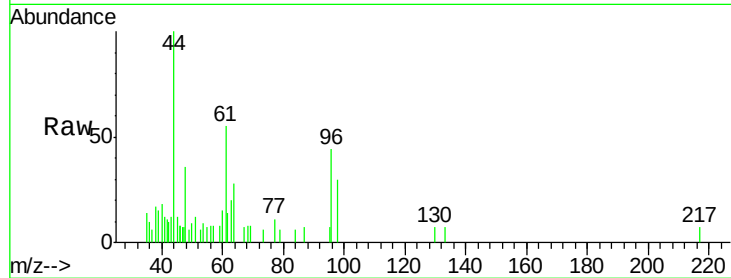
#18
trans-1,2-Dichloroethene
Concen: 0.157 ug/L
RT: 2.78 min Scan# 527
Delta R.T. 0.01 min
Lab File: VV017278.D
Acq: 01 Jul 2020 10:23

Instrument :
MSVOA_V
ClientSampled :
ETYJ9

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.9	102.3	189.9
98	67.8	44.7	82.9

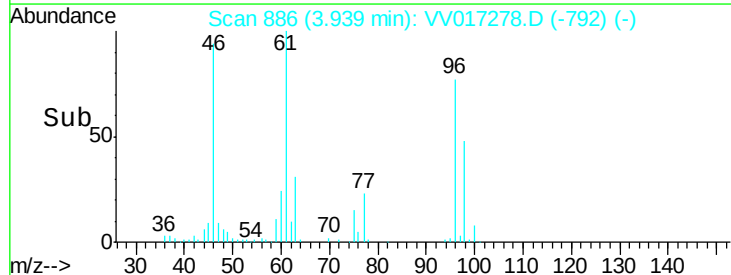
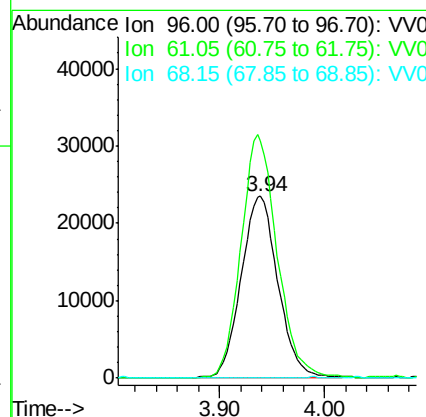
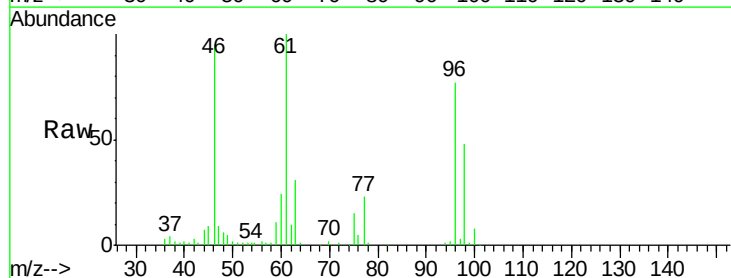
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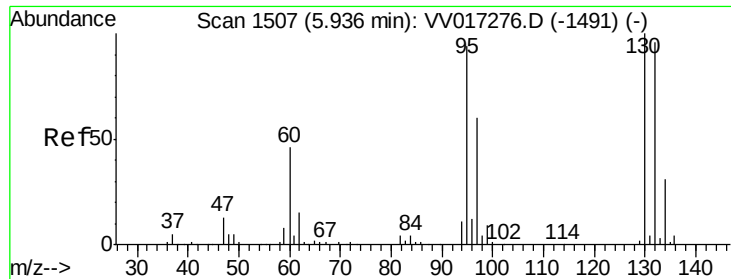
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#22
cis-1,2-Dichloroethene
Concen: 4.792 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV017278.D
Acq: 01 Jul 2020 10:23

Tgt Ion	Ratio	Lower	Upper
96	100		
61	130.2	91.0	169.0
68	0.4	0.0	0.0#





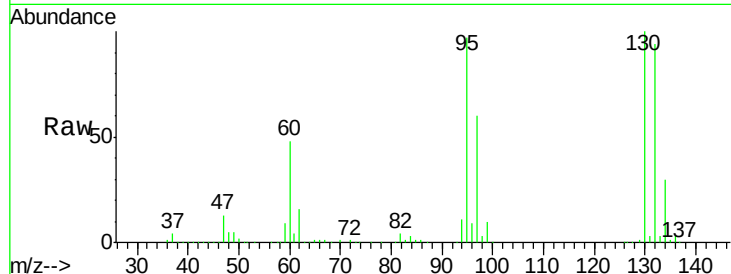
#34
 Trichloroethene
 Concen: 21.484 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: VV017278.D
 Acq: 01 Jul 2020 10:23

Instrument :
 MSVOA_V
 ClientSampleId :
 ETYJ9

Tot Ion	95	Resp	276912
Ion	Ratio	Lower	Upper
95	100		
97	62.2	45.3	84.1
132	97.7	68.8	127.8
130	103.4	70.2	130.4

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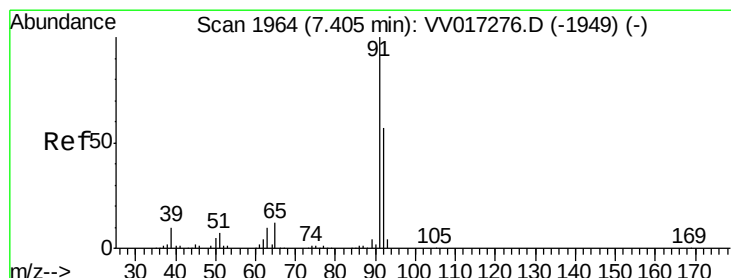
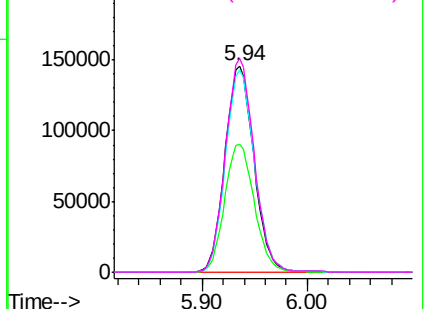
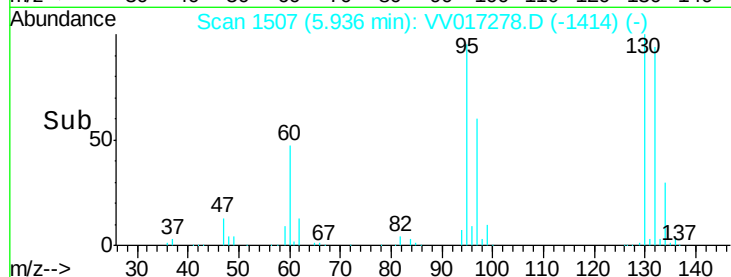


Abundance Ion 95.00 (94.70 to 95.70): VV017278.D (-1414) (-)

Ion 96.95 (96.65 to 97.65): VV017278.D (-1414) (-)

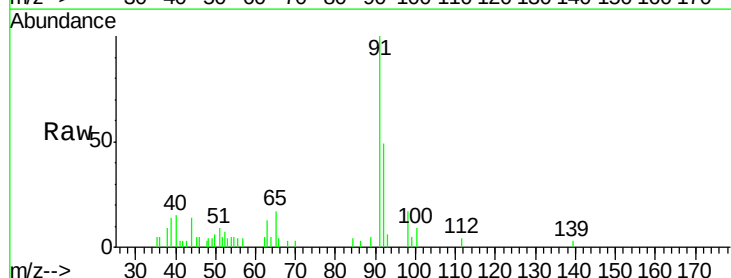
Ion 131.95 (131.65 to 132.65): VV017278.D (-1414) (-)

Ion 129.95 (129.65 to 130.65): VV017278.D (-1414) (-)



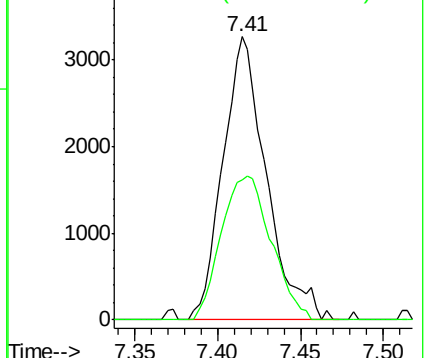
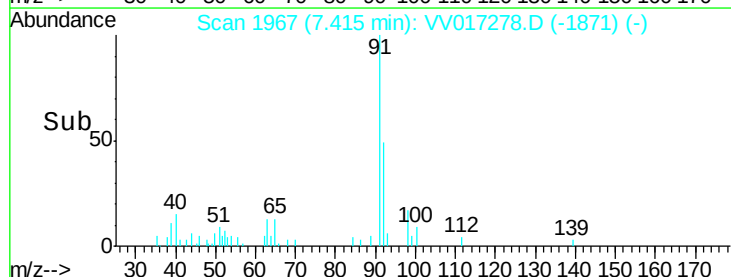
#42
 Toluene
 Concen: 0.116 ug/L
 RT: 7.41 min Scan# 1967
 Delta R.T. 0.01 min
 Lab File: VV017278.D
 Acq: 01 Jul 2020 10:23

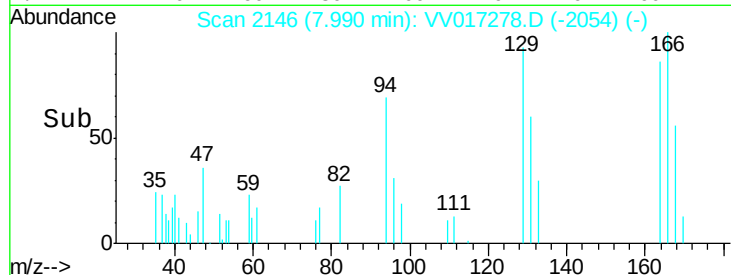
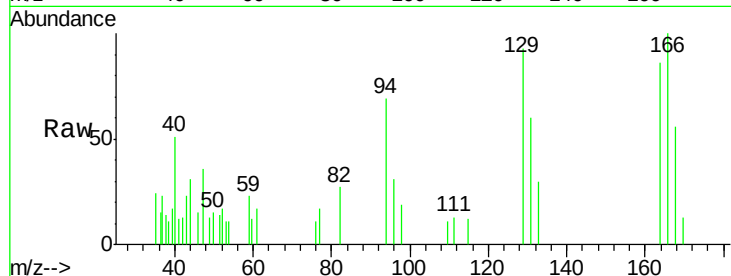
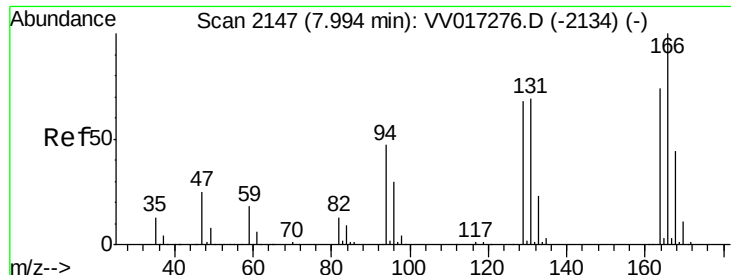
Tgt Ion	91	Resp	5957
Ion	Ratio	Lower	Upper
91	100		
92	49.4	39.9	74.1



Abundance Ion 91.15 (90.85 to 91.85): VV017278.D (-1871) (-)

Ion 92.15 (91.85 to 92.85): VV017278.D (-1871) (-)





#49

Tetrachloroethene

Concen: 0.142 ug/L m

RT: 7.99 min Scan# 2146

Delta R.T. -0.00 min

Lab File: VV017278.D

Acq: 01 Jul 2020 10:23

Tot Ion:164 Resp: 1474

Ion Ratio Lower Upper

164 100

129 107.6 65.2 121.0

131 69.8 64.1 119.1

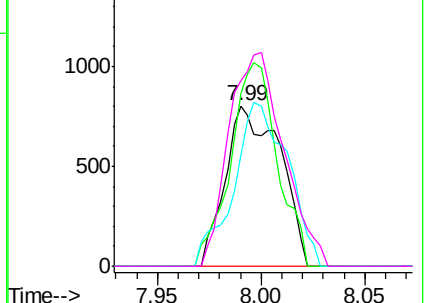
166 116.0 90.2 167.4

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



Instrument :

MSVOA_V

ClientSampleId :

ETYJ9

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