

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070120\
 Data File : VV017280.D
 Acq On : 01 Jul 2020 11:11
 Operator : SY/MD
 Sample : L3150-16MSD
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETYJ9MSD

Manual Integrations
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 7/6/2020 10:13:38 AM

Quant Time: Jul 02 03:43:22 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	165726	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	161752	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	73244	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46136	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	1.58	69	39371	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.80%
11) 1,1-Dichloroethene-d2	2.13	63	97394	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.00%
20) 2-Butanone-d5	3.92	46	128644	50.75	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.50%
24) Chloroform-d	4.38	84	110204	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.06	65	61399	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.80%
32) Benzene-d6	5.08	84	197998	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.10	67	61192	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.34	98	173784	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
45) trans-1,3-Dichloropropene-	7.64	79	23504	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
48) 2-Hexanone-d5	8.11	63	88986	44.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.26%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	42524	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	73236	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	2071	0.185	ug/L	99
12) 1,1-Dichloroethene	2.14	96	48065	6.043	ug/L	90
18) trans-1,2-Dichloroethene	2.78	96	1147	0.136	ug/L	98
22) cis-1,2-Dichloroethene	3.94	96	57610	4.998	ug/L	93
33) Benzene	5.13	78	226793	5.354	ug/L	100
34) Trichloroethene	5.94	95	340121	27.421	ug/L	98
42) Toluene	7.41	91	253937	5.156	ug/L	98
49) Tetrachloroethene	8.01	164	1420m	0.142	ug/L	
53) Chlorobenzene	8.90	112	164286	5.351	ug/L	97

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

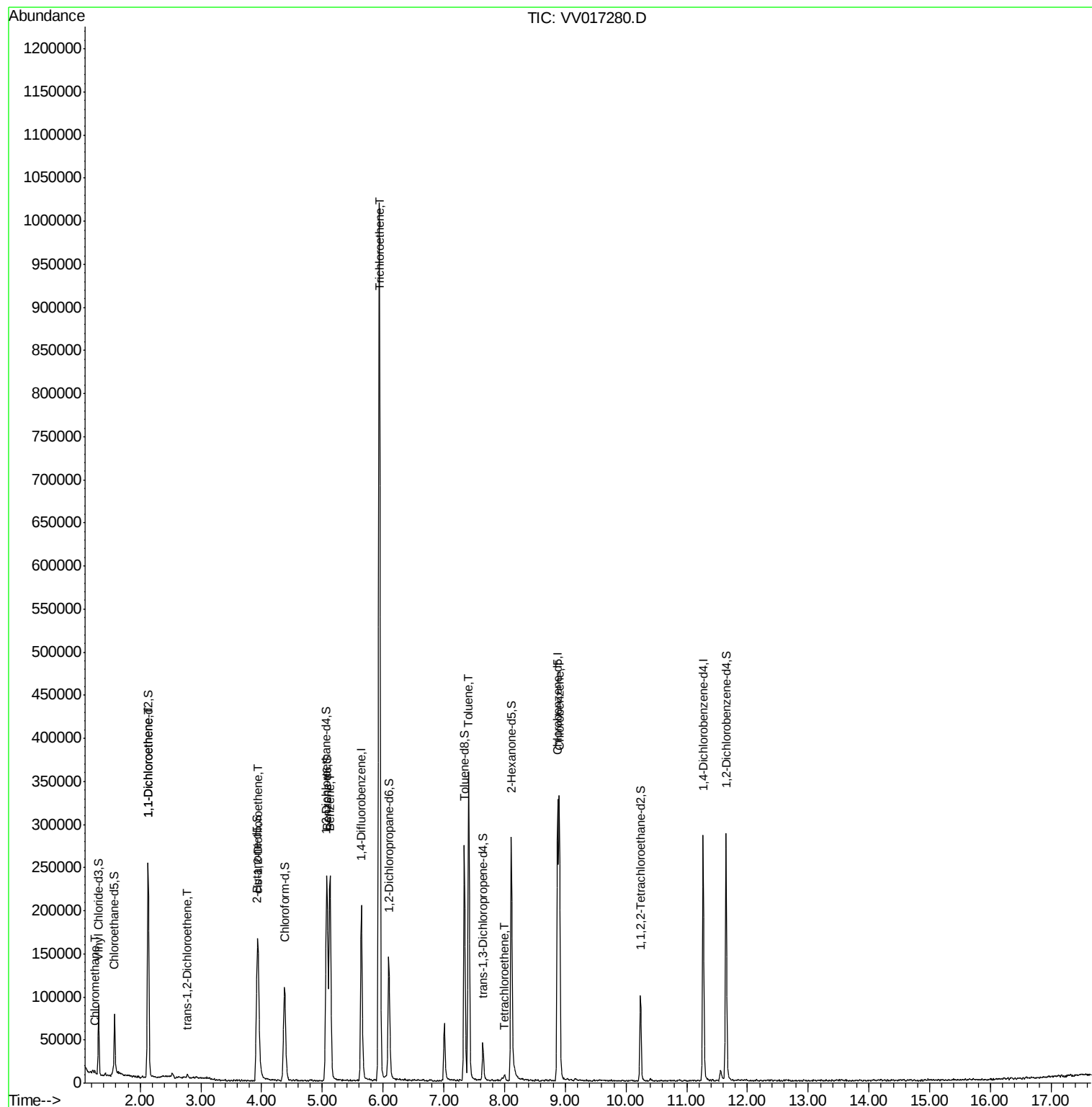
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070120\
Data File : VV017280.D
Acq On : 01 Jul 2020 11:11
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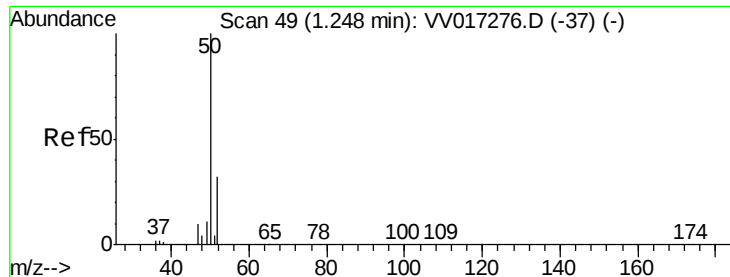
Instrument :
MSVOA_V
ClientSampleId :
ETYJ9MSD

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Quant Time: Jul 02 03:43:22 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: 0.185 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV017280.D

Acq: 01 Jul 2020 11:11

Instrument :

MSVOA_V

ClientSampleId :

ETYJ9MSD

Tot Ion: 50 Resp: 2071

Ion Ratio Lower Upper

50 100

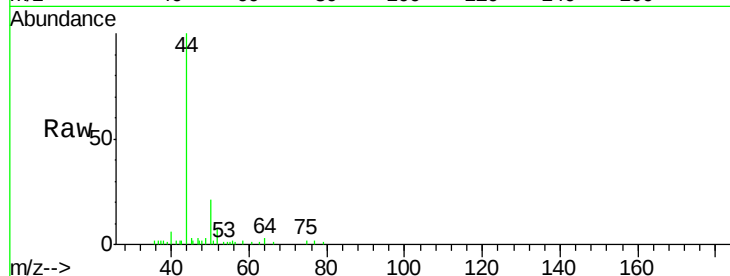
52 31.8 22.5 41.9

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Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0

2000

1500

1000

500

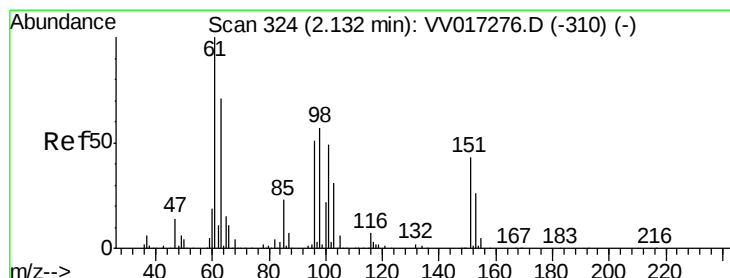
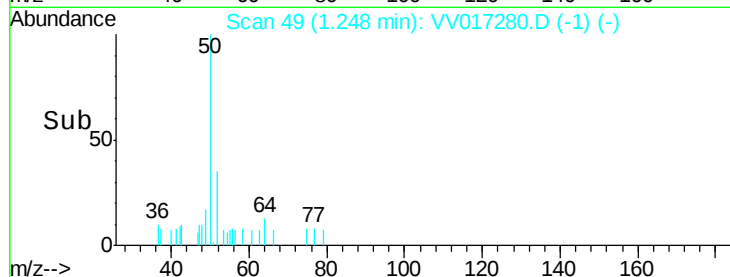
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Time-->

1.20

1.25

1.30



#12

1,1-Dichloroethene

Concen: 6.043 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV017280.D

Acq: 01 Jul 2020 11:11

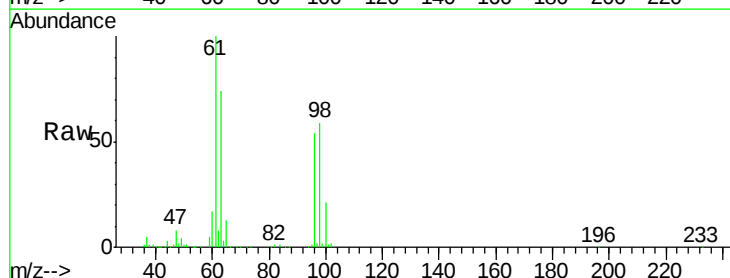
Tgt Ion: 96 Resp: 48065

Ion Ratio Lower Upper

96 100

61 185.5 125.0 232.2

63 136.4 109.8 203.8



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

80000

60000

40000

20000

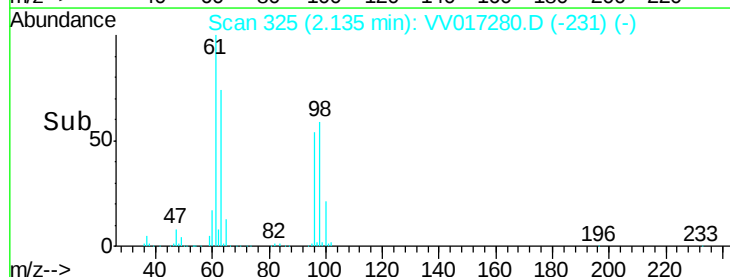
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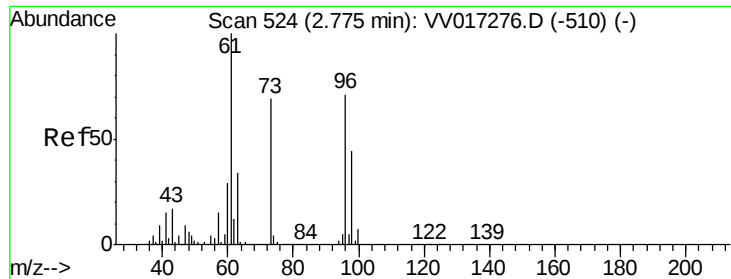
Time-->

2.10

2.14

2.20





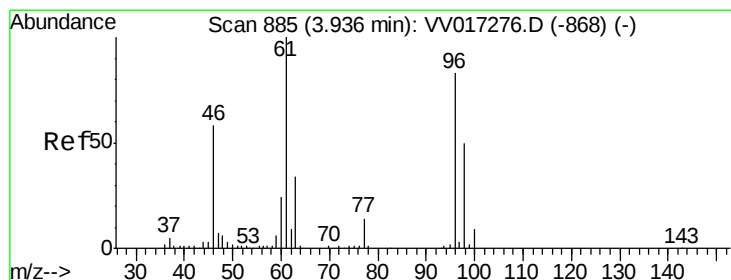
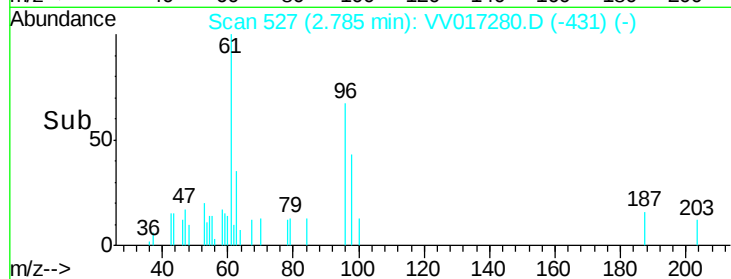
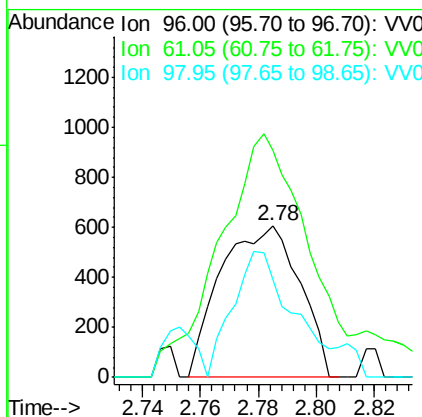
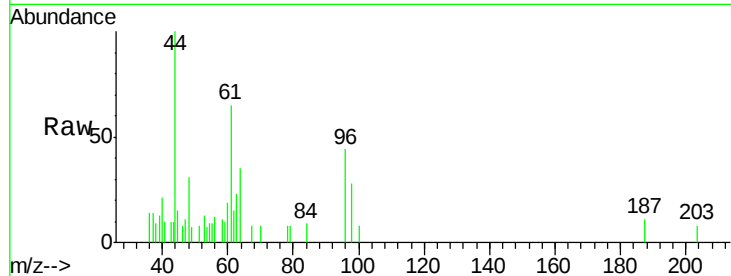
#18
trans-1,2-Dichloroethene
Concen: 0.136 ug/L
RT: 2.78 min Scan# 527
Delta R.T. 0.01 min
Lab File: VV017280.D
Acq: 01 Jul 2020 11:11

Instrument :
MSVOA_V
ClientSampleId :
ETYJ9MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.9	102.3	189.9
98	64.3	44.7	82.9

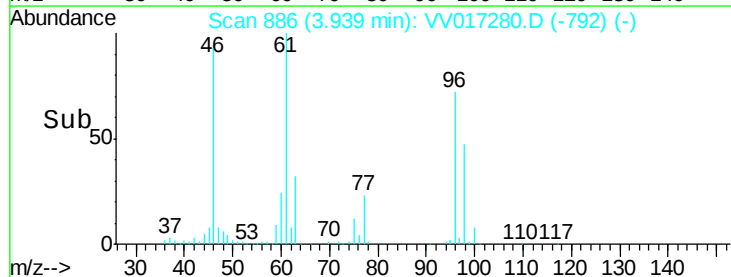
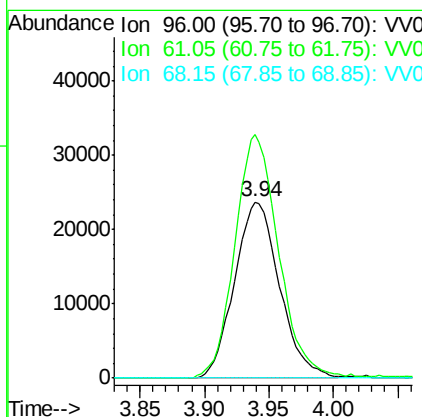
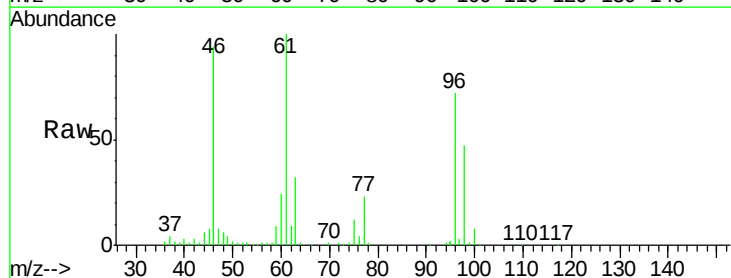
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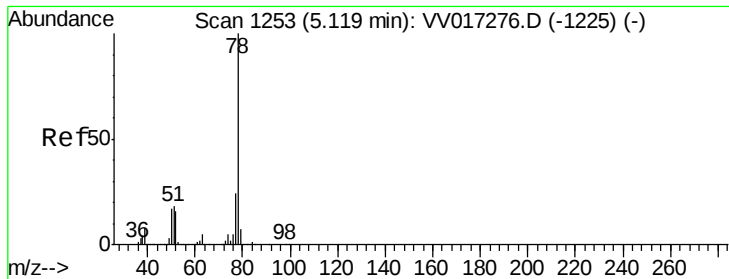
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#22
cis-1,2-Dichloroethene
Concen: 4.998 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV017280.D
Acq: 01 Jul 2020 11:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.5	91.0	169.0
68	0.0	0.0	0.0





#33

Benzene

Concen: 5.354 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.01 min

Lab File: VV017280.D

Acq: 01 Jul 2020 11:11

Instrument :

MSVOA_V

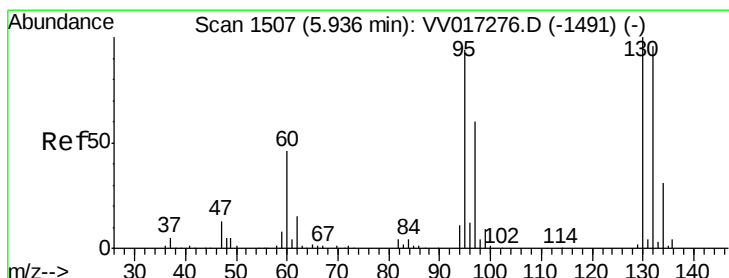
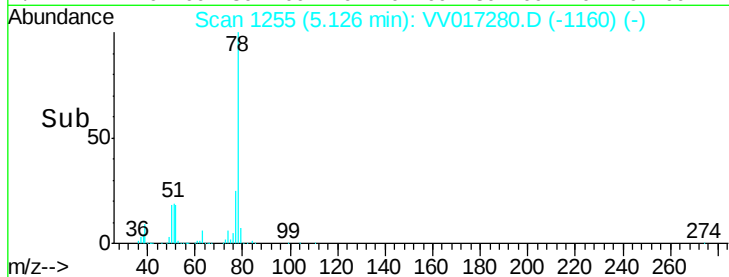
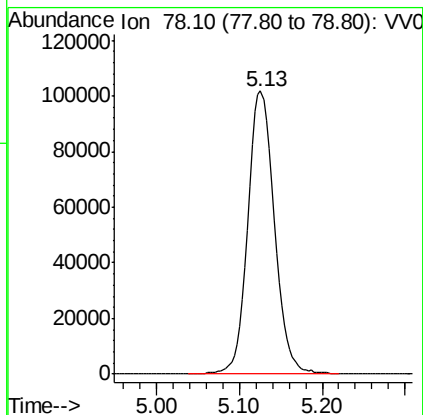
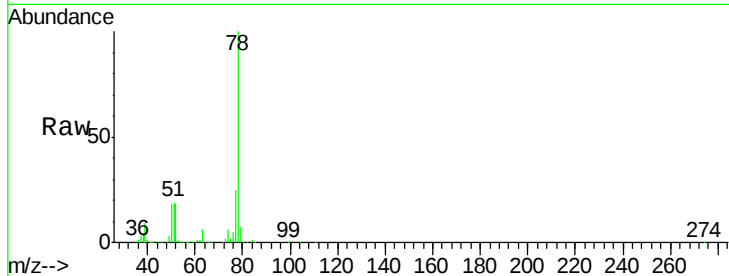
ClientSampleId :

ETYJ9MSD

Tgt Ion: 78 Resp: 226793

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#34

Trichloroethene

Concen: 27.421 ug/L

RT: 5.94 min Scan# 1507

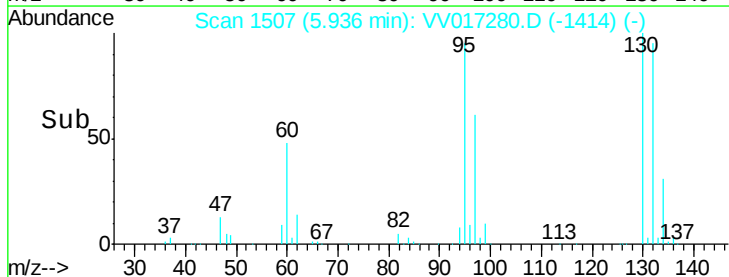
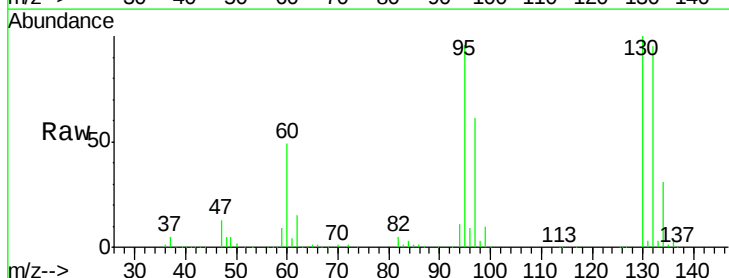
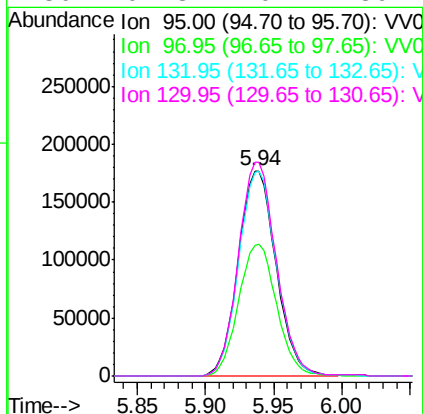
Delta R.T. 0.00 min

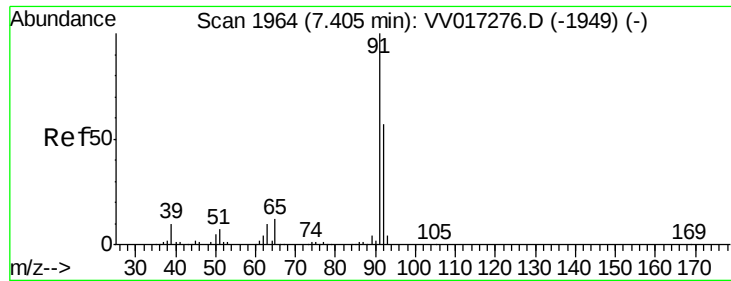
Lab File: VV017280.D

Acq: 01 Jul 2020 11:11

Tgt Ion: 95 Resp: 340121

Ion	Ratio	Lower	Upper
95	100		
97	63.9	45.3	84.1
132	99.2	68.8	127.8
130	104.3	70.2	130.4





#42

Toluene

Concen: 5.156 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV017280.D

Acq: 01 Jul 2020 11:11

Instrument :

MSVOA_V

ClientSampleId :

ETYJ9MSD

Tot Ion: 91 Resp: 253937

Ion Ratio Lower Upper

91 100

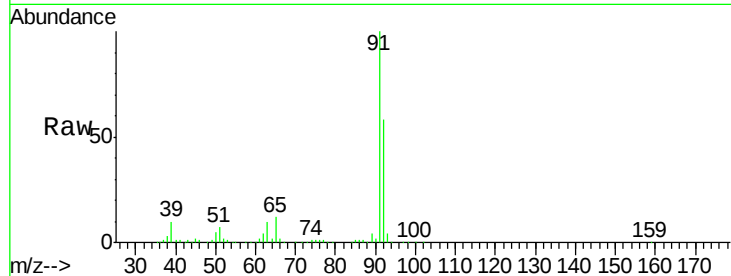
92 58.3 39.9 74.1

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Abundance Ion 91.15 (90.85 to 91.85): VV017276.D (-1949) (-)

Ion 92.15 (91.85 to 92.85): VV017276.D (-1949) (-)

7.41

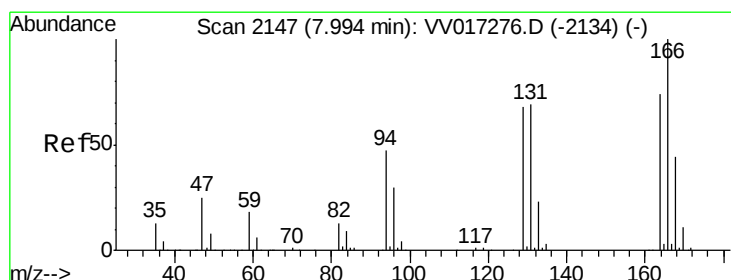
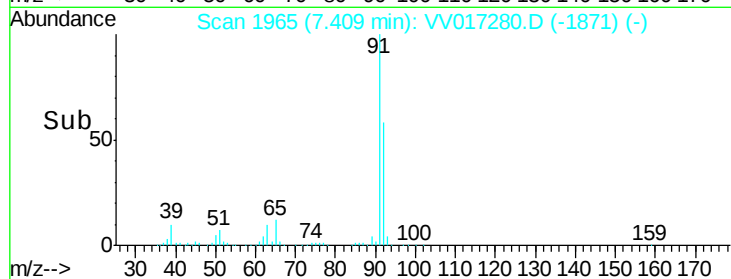
150000

100000

50000

0

Time-->



#49

Tetrachloroethene

Concen: 0.142 ug/L m

RT: 8.01 min Scan# 2151

Delta R.T. 0.01 min

Lab File: VV017280.D

Acq: 01 Jul 2020 11:11

Tgt Ion: 164 Resp: 1420

Ion Ratio Lower Upper

164 100

129 86.3 65.2 121.0

131 65.5 64.1 119.1

166 104.5 90.2 167.4

Abundance Ion 163.90 (163.60 to 164.60): VV017276.D (-2134) (-)

Ion 128.95 (128.65 to 129.65): VV017276.D (-2134) (-)

Ion 130.95 (130.65 to 131.65): VV017276.D (-2134) (-)

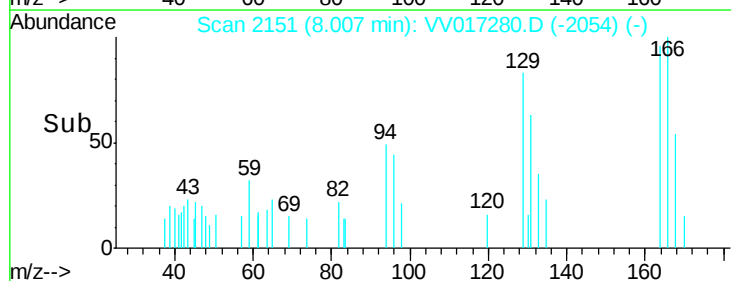
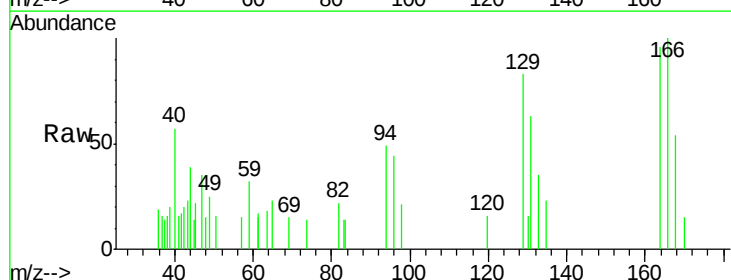
Ion 165.90 (165.60 to 166.60): VV017276.D (-2134) (-)

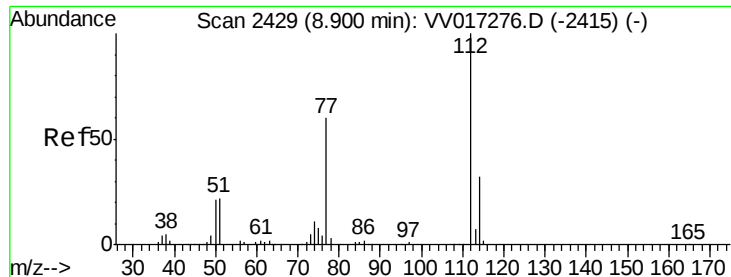
1000

500

0

Time-->





#53
 Chlorobenzene
 Concen: 5.351 ug/L
 RT: 8.90 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: VV017280.D
 Acq: 01 Jul 2020 11:11

Instrument :
 MSVOA_V
 ClientSampleId :
 ETYJ9MSD

Tot Ion:	112	Resp:	164286
Ion Ratio	Lower	Upper	
112	100		
114	31.3	22.0	41.0
77	60.4	46.0	69.0

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