

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070220\
 Data File : VV017310.D
 Acq On : 02 Jul 2020 14:56
 Operator : SY/MD
 Sample : L3154-07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4294

Manual Integrations
 APPROVED

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 7/6/2020 10:18:25 AM

Quant Time: Jul 03 05:53:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 03 01:13:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	184129	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	172076	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	83153	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42100	3.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.20%
7) Chloroethane-d5	1.58	69	39079	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.13	63	66004	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	3.92	46	120701	42.85	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.70%
24) Chloroform-d	4.38	84	106520	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.06	65	57482	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.08	84	188617	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
36) 1,2-Dichloropropane-d6	6.10	67	56122	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.00%
41) Toluene-d8	7.34	98	167603	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
45) trans-1,3-Dichloropropene-	7.65	79	20724	3.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.40%
48) 2-Hexanone-d5	8.11	63	82346	38.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.66%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	40489	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	71997	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	20794	1.721 ug/L	# 77
17) Methyl tert-butyl Ether	2.79	73	632999	28.528 ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	2615	0.279 ug/L	73
19) 1,1-Dichloroethane	3.22	63	26435	1.256 ug/L	98
22) cis-1,2-Dichloroethene	3.94	96	8639	0.675 ug/L	93
33) Benzene	5.14	78	14889m	0.330 ug/L	
34) Trichloroethene	5.94	95	5289	0.401 ug/L	91

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

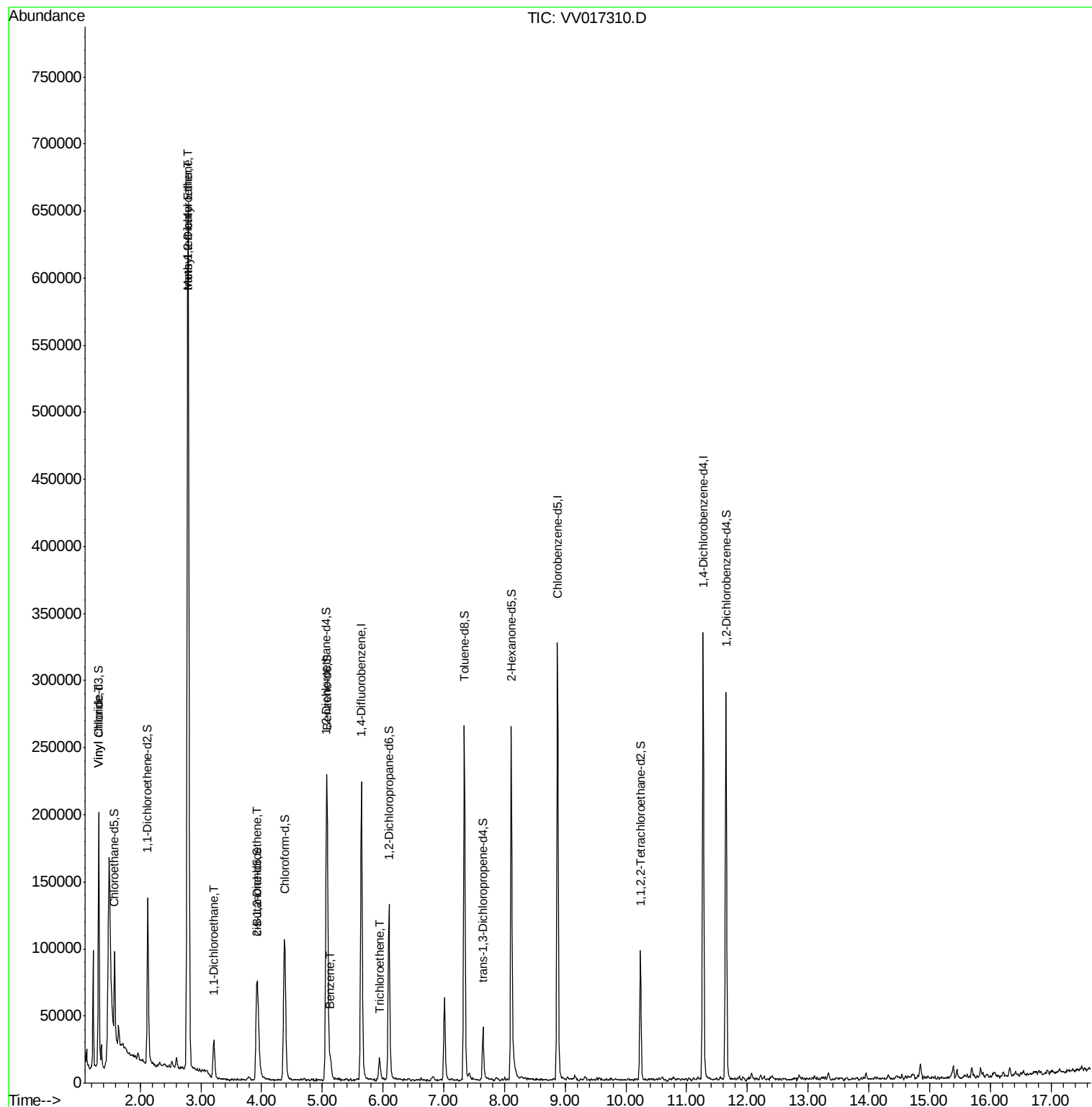
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070220\
Data File : VV017310.D
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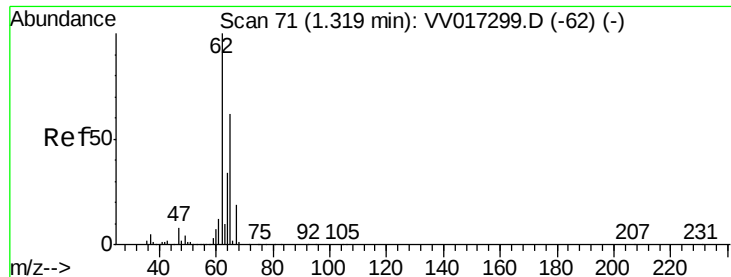
Instrument :
MSVOA_V
ClientSampleId :
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Quant Time: Jul 03 05:53:21 2020
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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 03 01:13:36 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.721 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV017310.D

Acq: 02 Jul 2020 14:56

Instrument :

MSVOA_V

ClientSampled :

H4294

Tot Ion: 62 Resp: 20794

Ion Ratio Lower Upper

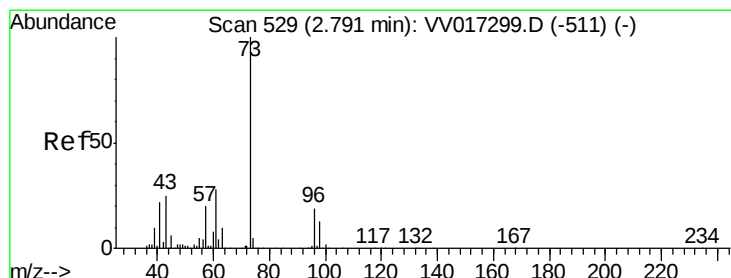
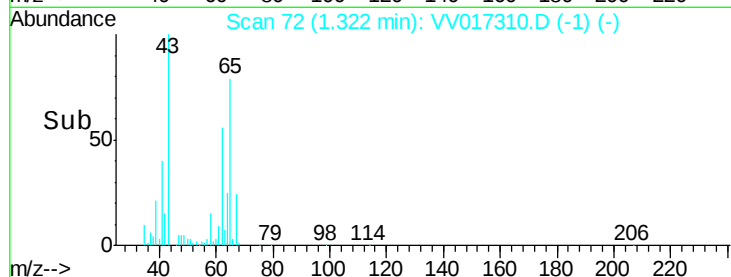
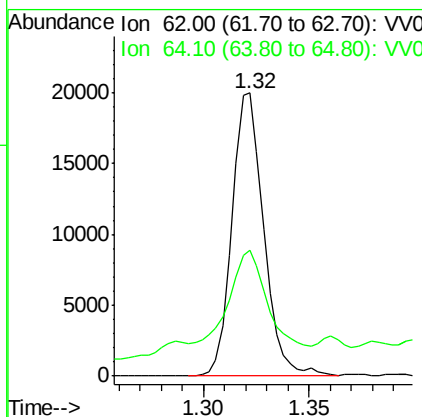
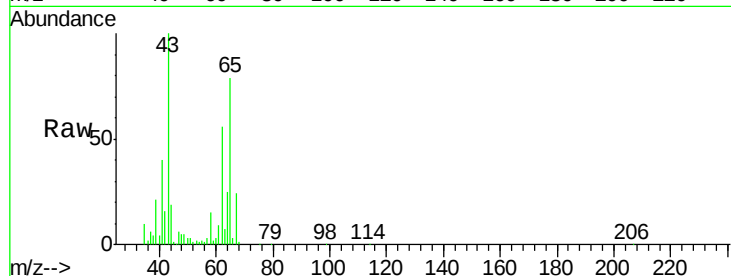
62 100

64 44.7 22.5 41.7#

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#17

Methyl tert-butyl Ether

Concen: 28.528 ug/L

RT: 2.79 min Scan# 528

Delta R.T. -0.00 min

Lab File: VV017310.D

Acq: 02 Jul 2020 14:56

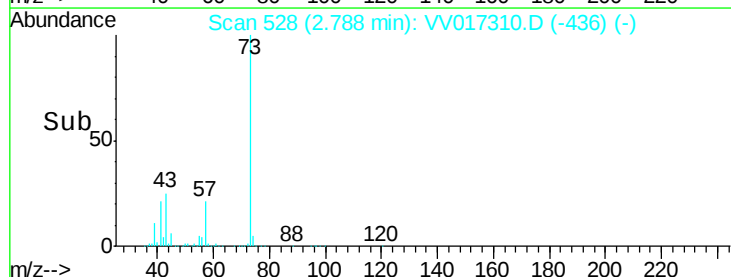
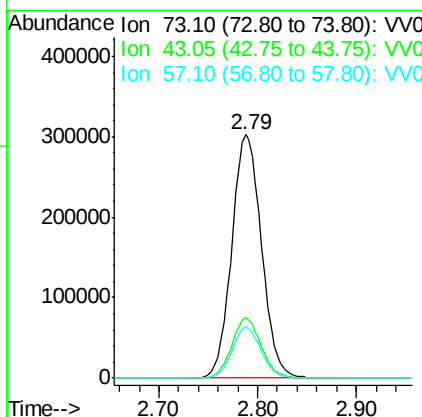
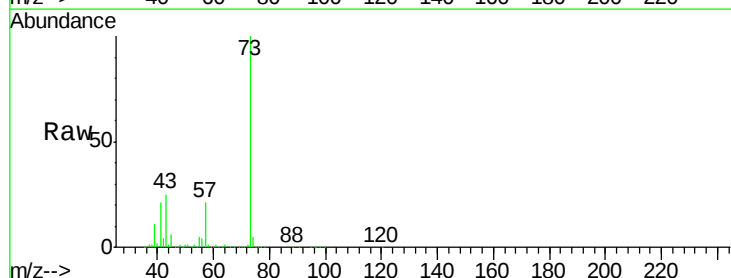
Tgt Ion: 73 Resp: 632999

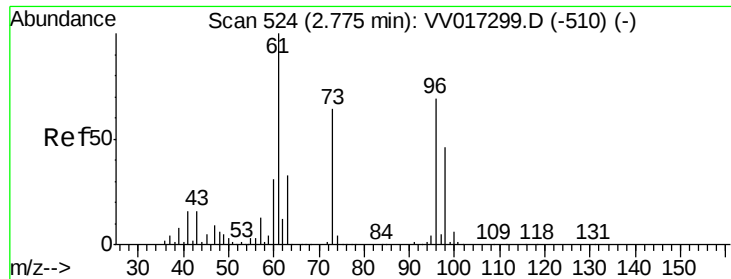
Ion Ratio Lower Upper

73 100

43 24.2 18.6 28.0

57 20.5 16.4 24.6





#18

trans-1,2-Dichloroethene

Concen: 0.279 ug/L

RT: 2.78 min Scan# 527

Delta R.T. 0.01 min

Lab File: VV017310.D

Acq: 02 Jul 2020 14:56

Instrument :

MSVOA_V

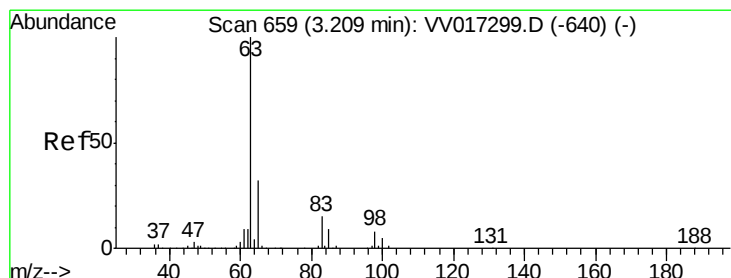
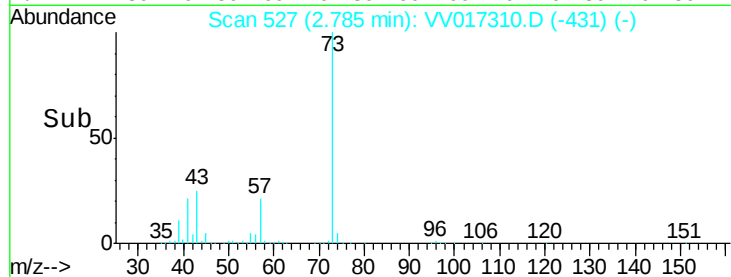
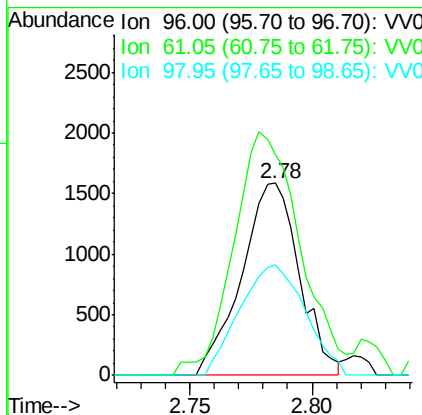
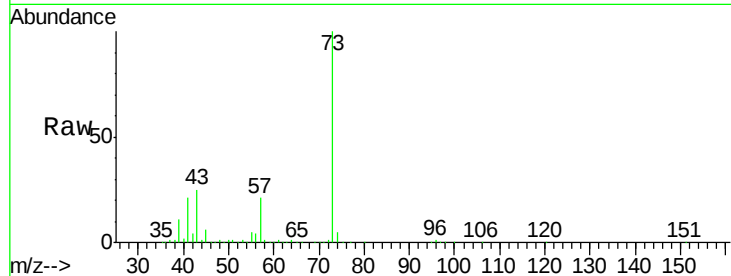
ClientSampled :

H4294

Tot Ion:	96	Resp:	2615
Ion	Ratio	Lower	Upper
96	100		
61	105.5	102.3	189.9
98	52.7	44.7	82.9

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#19

1,1-Dichloroethane

Concen: 1.256 ug/L

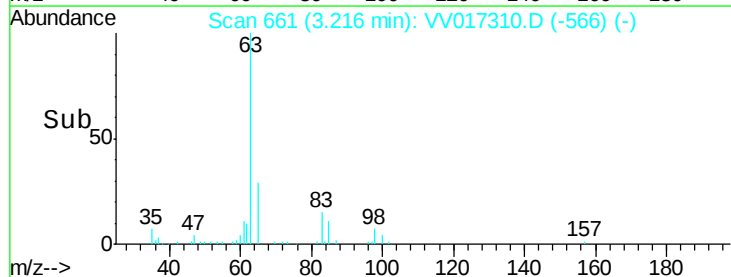
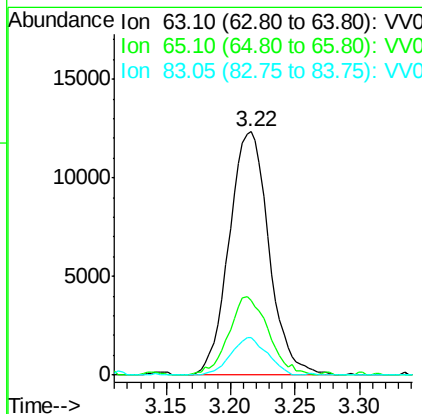
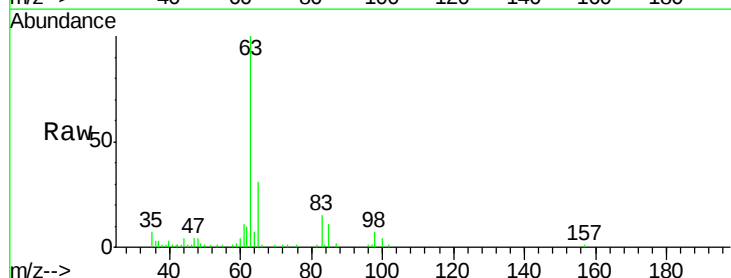
RT: 3.22 min Scan# 661

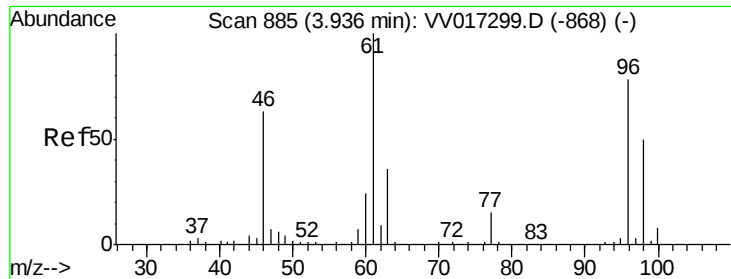
Delta R.T. 0.01 min

Lab File: VV017310.D

Acq: 02 Jul 2020 14:56

Tgt Ion:	63	Resp:	26435
Ion	Ratio	Lower	Upper
63	100		
65	30.5	21.8	40.4
83	15.2	9.7	17.9





#22

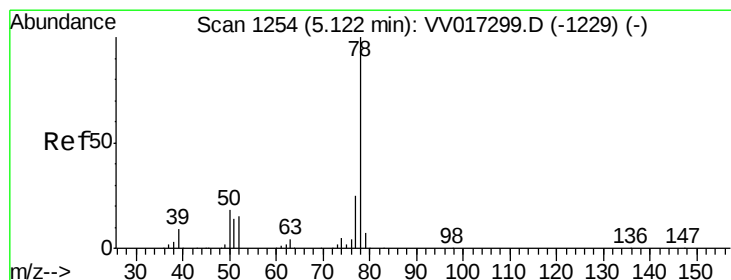
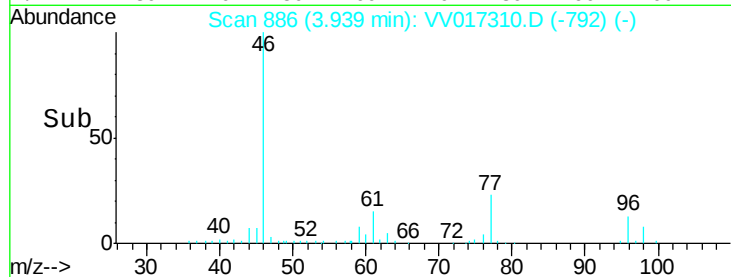
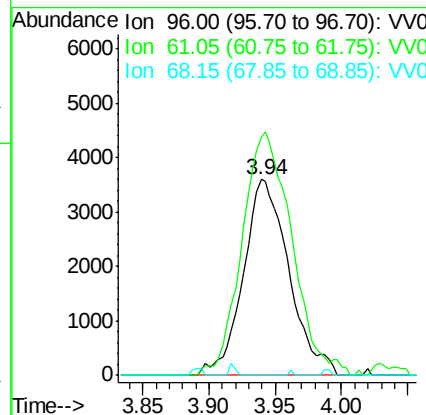
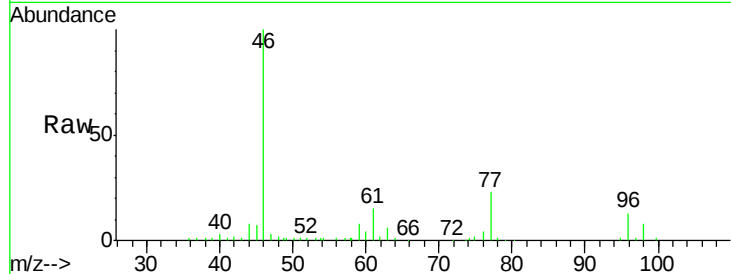
cis-1,2-Dichloroethene
Concen: 0.675 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV017310.D
Acq: 02 Jul 2020 14:56

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Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	121.7	91.0	169.0	
68	0.0	0.0	0.0	

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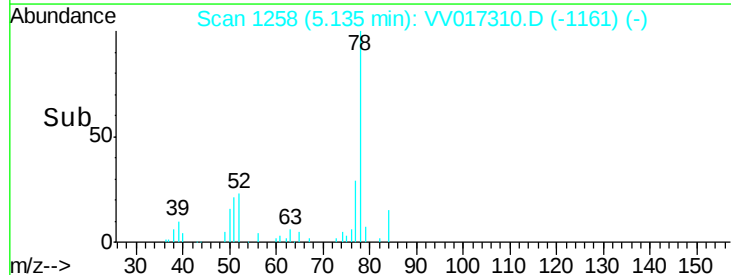
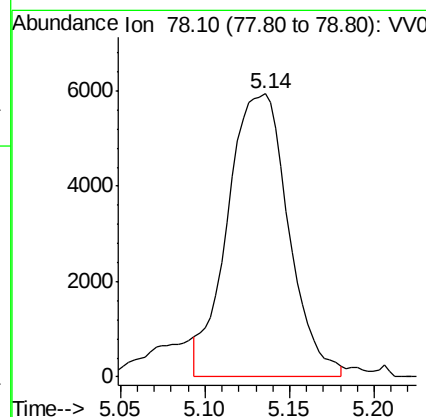
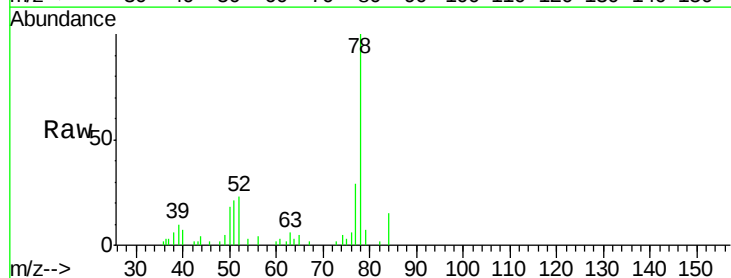
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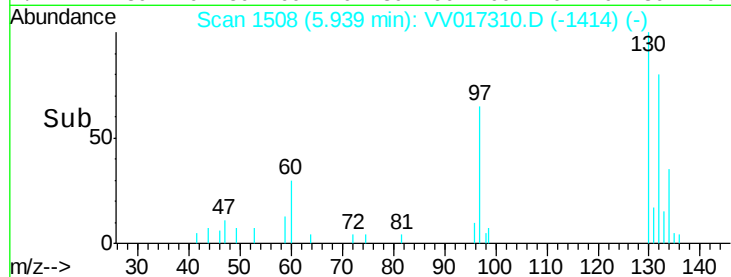
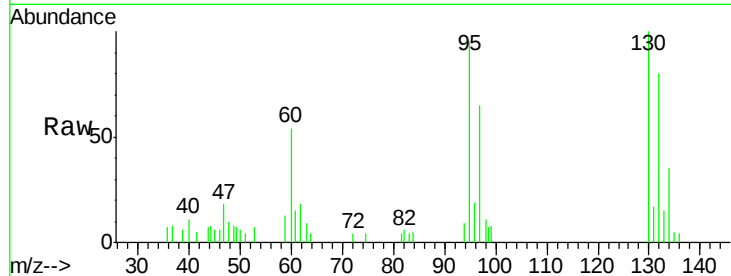
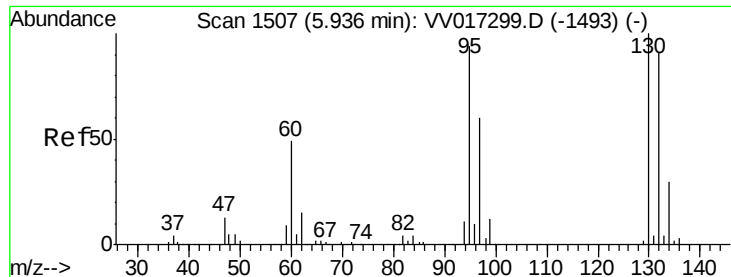


#33

Benzene
Concen: 0.330 ug/L m
RT: 5.14 min Scan# 1258
Delta R.T. 0.01 min
Lab File: VV017310.D
Acq: 02 Jul 2020 14:56

Tgt Ion: 78 Resp: 14889





#34

Trichloroethene

Concen: 0.401 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017310.D

Acq: 02 Jul 2020 14:56

Tot Ion:	95	Resp:	5289
Ion Ratio	Lower	Upper	
95	100		
97	68.5	45.3	84.1
132	83.9	68.8	127.8
130	105.3	70.2	130.4

Instrument :

MSVOA_V

ClientSampleId :

H4294

Manual Integrations
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