

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092721\
 Data File : VV022332.D
 Acq On : 27 Sep 2021 14:07
 Operator : SY/MD
 Sample : M3834-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Sep 28 01:26:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 28 01:24:48 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

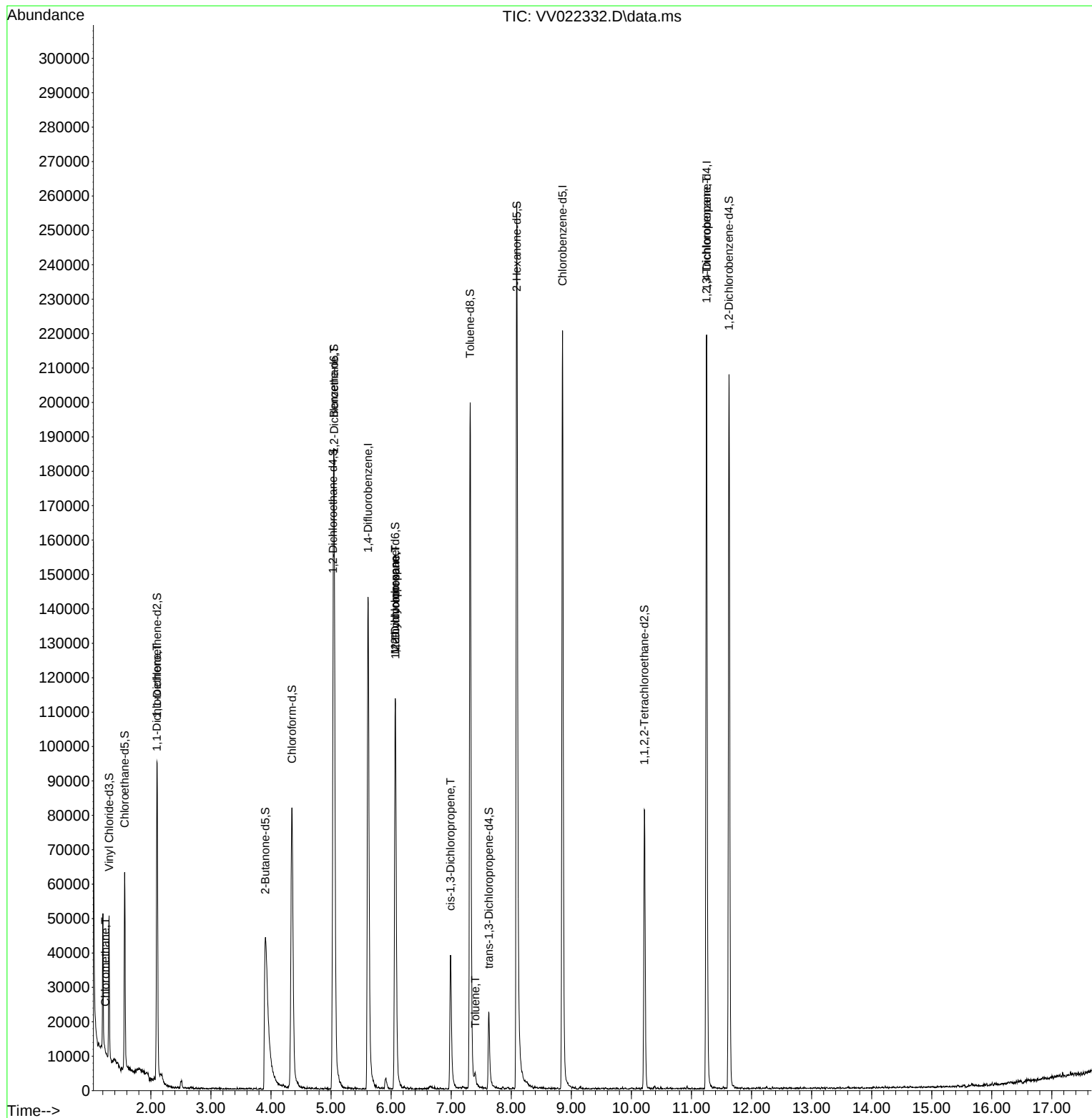
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	129433	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	129521	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	58704	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	26543	4.070	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.564	69	35129	4.603	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.101	63	49201	3.164	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.200%
20) 2-Butanone-d5	3.905	46	121774	45.690	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.380%
24) Chloroform-d	4.349	84	87295	4.667	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.034	65	41489	4.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.050	84	168691	4.632	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.069	67	56307	4.951	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.317	98	136088	4.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	7.628	79	13047	3.756	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.200%
46) 2-Hexanone-d5	8.091	63	93975	43.509	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.020%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40156	4.194	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	54692	4.964	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	577	0.057	ug/L	94
12) 1,1-Dichloroethene	2.098	96	551	0.076	ug/L #	1
27) 1,2-Dichloroethane	5.053	62	1031	0.113	ug/L #	71
35) Methylcyclohexane	6.069	83	13181	0.953	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	6185	0.719	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1207	0.106	ug/L	88
42) Toluene	7.400	91	2656	0.074	ug/L	91
61) 1,2,3-Trichloropropane	11.249	75	6815	1.338	ug/L #	63

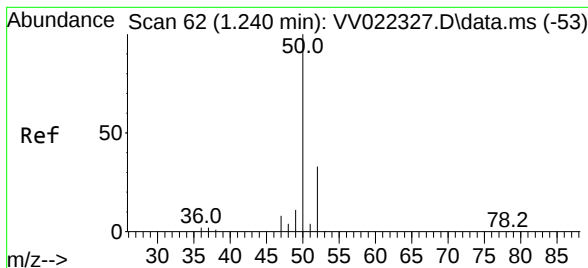
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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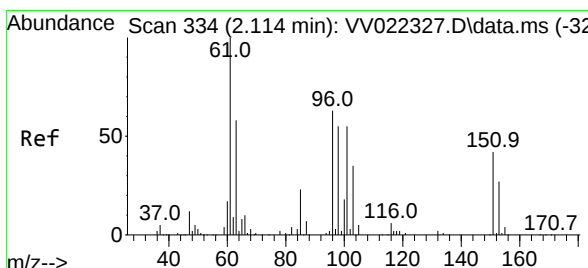
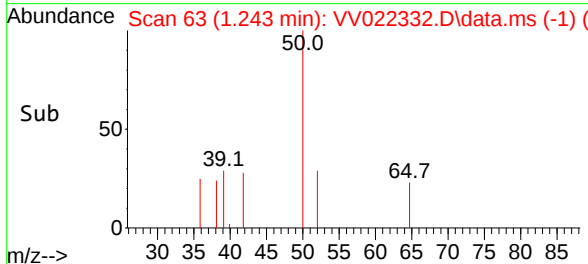
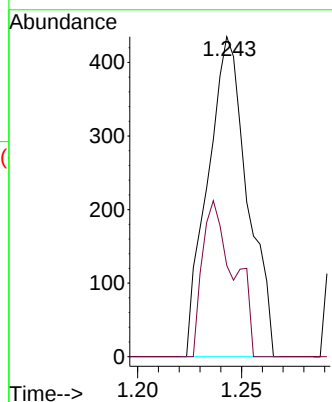
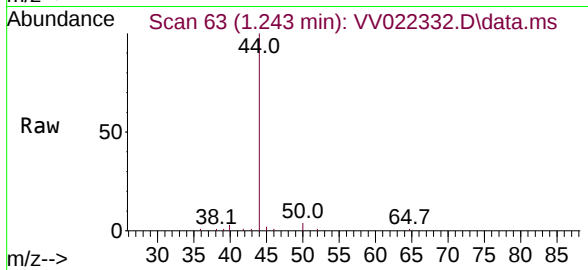




#3
Chloromethane
Concen: 0.057 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.003 min
Lab File: VV022332.D
Acq: 27 Sep 2021 14:07

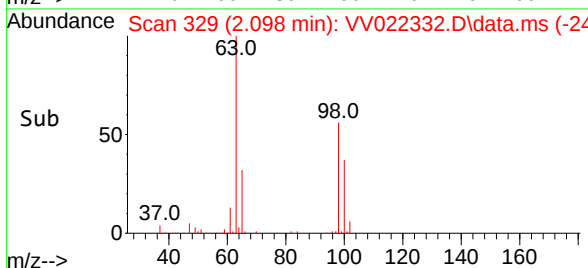
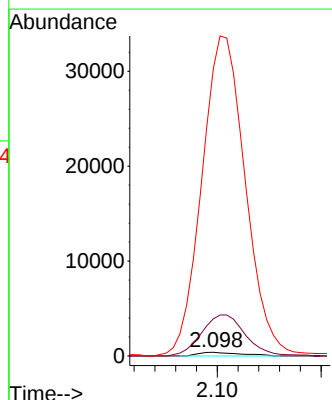
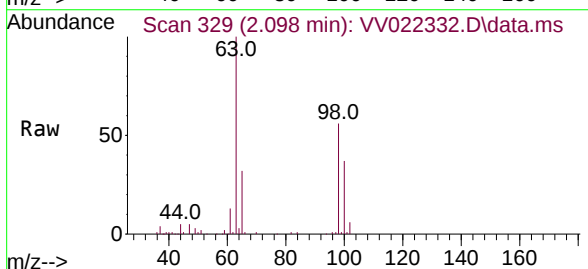
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

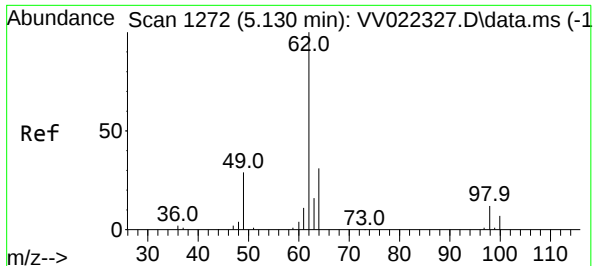
Tgt Ion: 50 Resp: 577
Ion Ratio Lower Upper
50 100
52 28.5 22.2 41.2



#12
1,1-Dichloroethene
Concen: 0.076 ug/L
RT: 2.098 min Scan# 329
Delta R.T. -0.016 min
Lab File: VV022332.D
Acq: 27 Sep 2021 14:07

Tgt Ion: 96 Resp: 551
Ion Ratio Lower Upper
96 100
61 1019.3 127.4 236.6#
63 7899.7 100.0 185.6#





#27

1,2-Dichloroethane

Concen: 0.113 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.077 min

Lab File: VV022332.D

Acq: 27 Sep 2021 14:07

Tgt Ion: 62 Resp: 1031

Ion Ratio Lower Upper

62 100

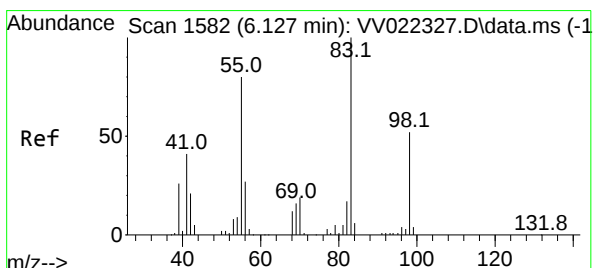
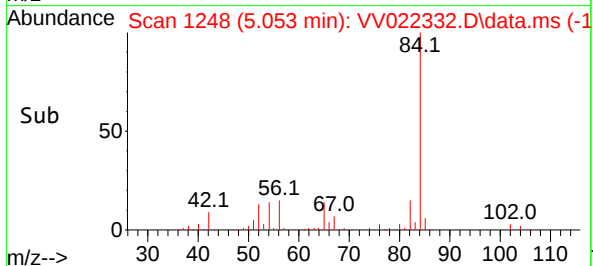
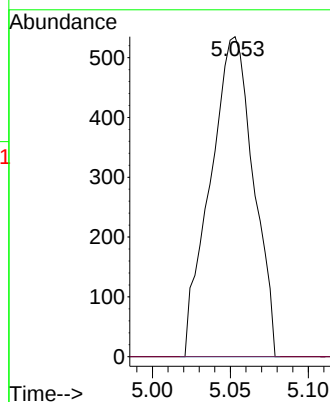
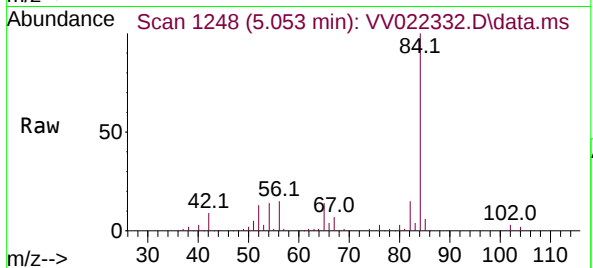
98 0.0 8.8 13.2#

Instrument :

MSVOA_V

ClientSampled :

VHBLK001



#35

Methylcyclohexane

Concen: 0.953 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV022332.D

Acq: 27 Sep 2021 14:07

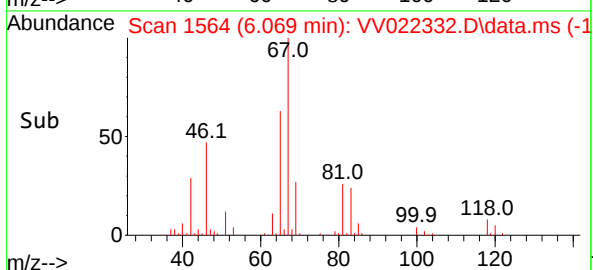
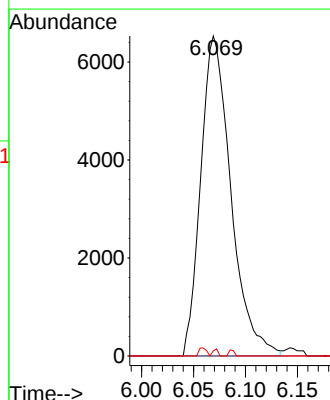
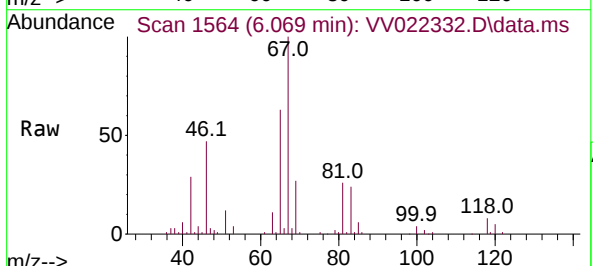
Tgt Ion: 83 Resp: 13181

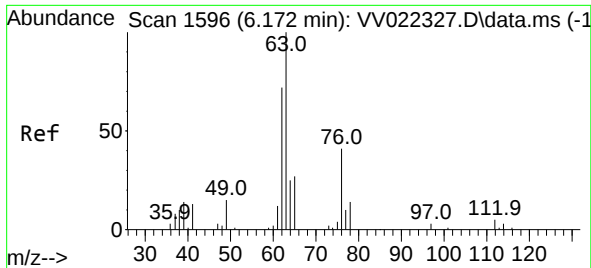
Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.2#

98 0.4 39.5 59.3#

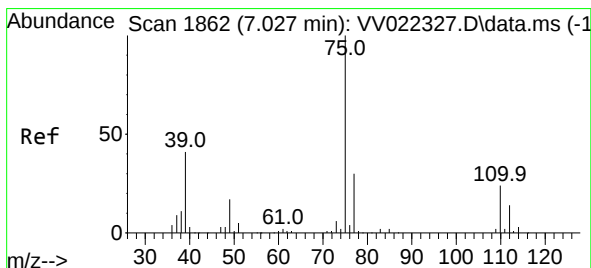
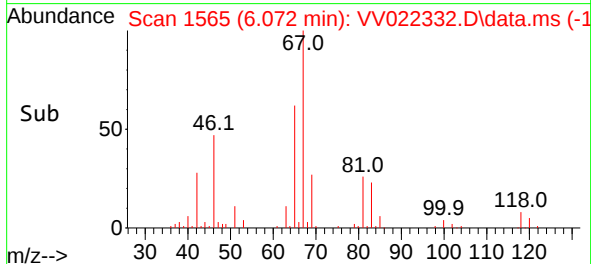
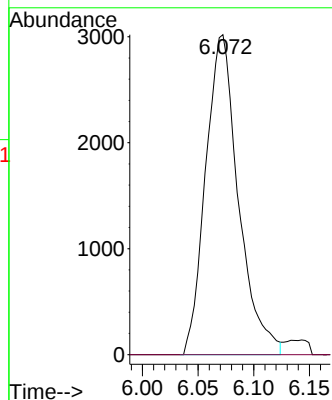
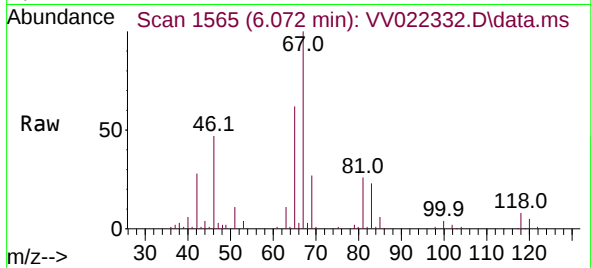




#37
1,2-Dichloropropane
Concen: 0.719 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022332.D
Acq: 27 Sep 2021 14:07

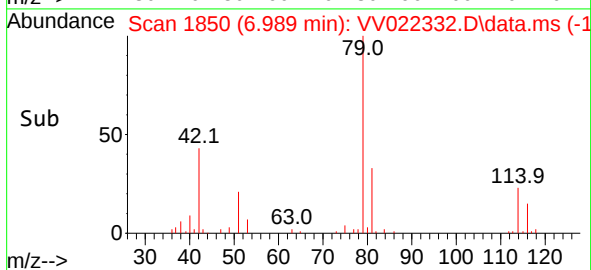
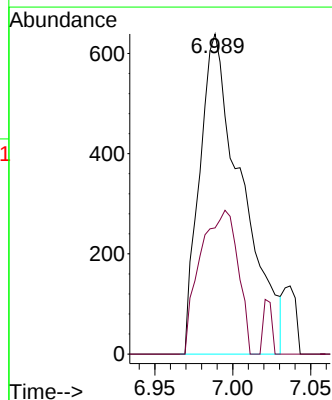
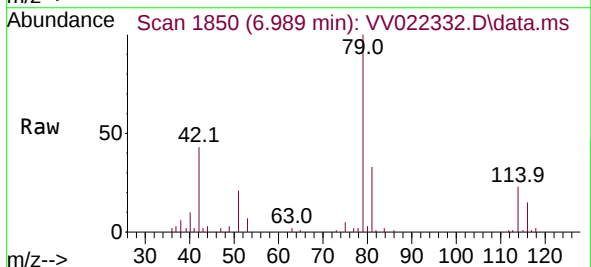
Instrument :
MSVOA_V
ClientSampleId :
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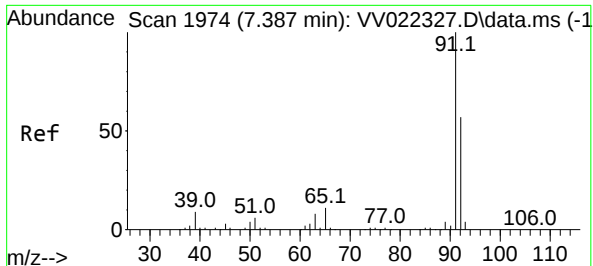
Tgt Ion: 63 Resp: 6185
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.2#



#39
cis-1,3-Dichloropropene
Concen: 0.106 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.039 min
Lab File: VV022332.D
Acq: 27 Sep 2021 14:07

Tgt Ion: 75 Resp: 1207
Ion Ratio Lower Upper
75 100
77 39.4 22.8 42.4





#42

Toluene

Concen: 0.074 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.013 min

Lab File: VV022332.D

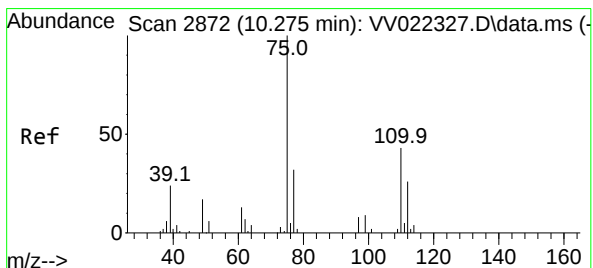
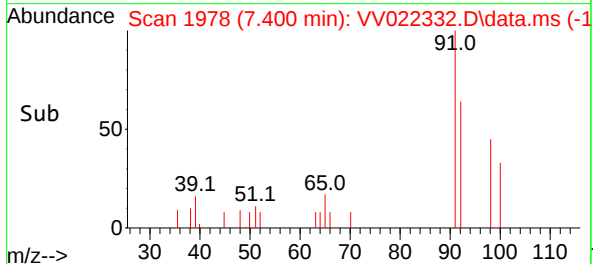
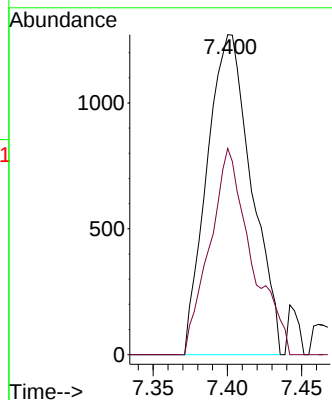
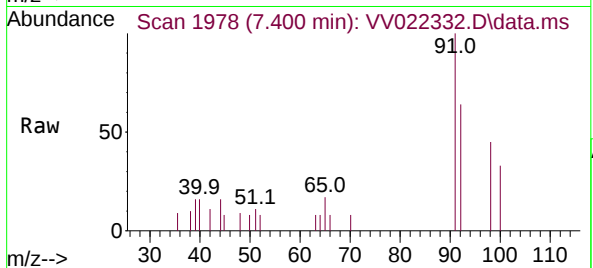
Acq: 27 Sep 2021 14:07

Tgt Ion: 91 Resp: 2656

Ion Ratio Lower Upper

91 100

92 64.4 40.6 75.4



#61

1,2,3-Trichloropropane

Concen: 1.338 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV022332.D

Acq: 27 Sep 2021 14:07

Tgt Ion: 75 Resp: 6815

Ion Ratio Lower Upper

75 100

77 34.4 25.5 38.3

110 1.3 31.7 47.5#

