

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121021\
 Data File : VW023901.D
 Acq On : 10 Dec 2021 21:02
 Operator : SY/MD
 Sample : M4984-03DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW5R8DL

Quant Time: Dec 11 04:53:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 04:33:17 2021
 Response via : Initial Calibration

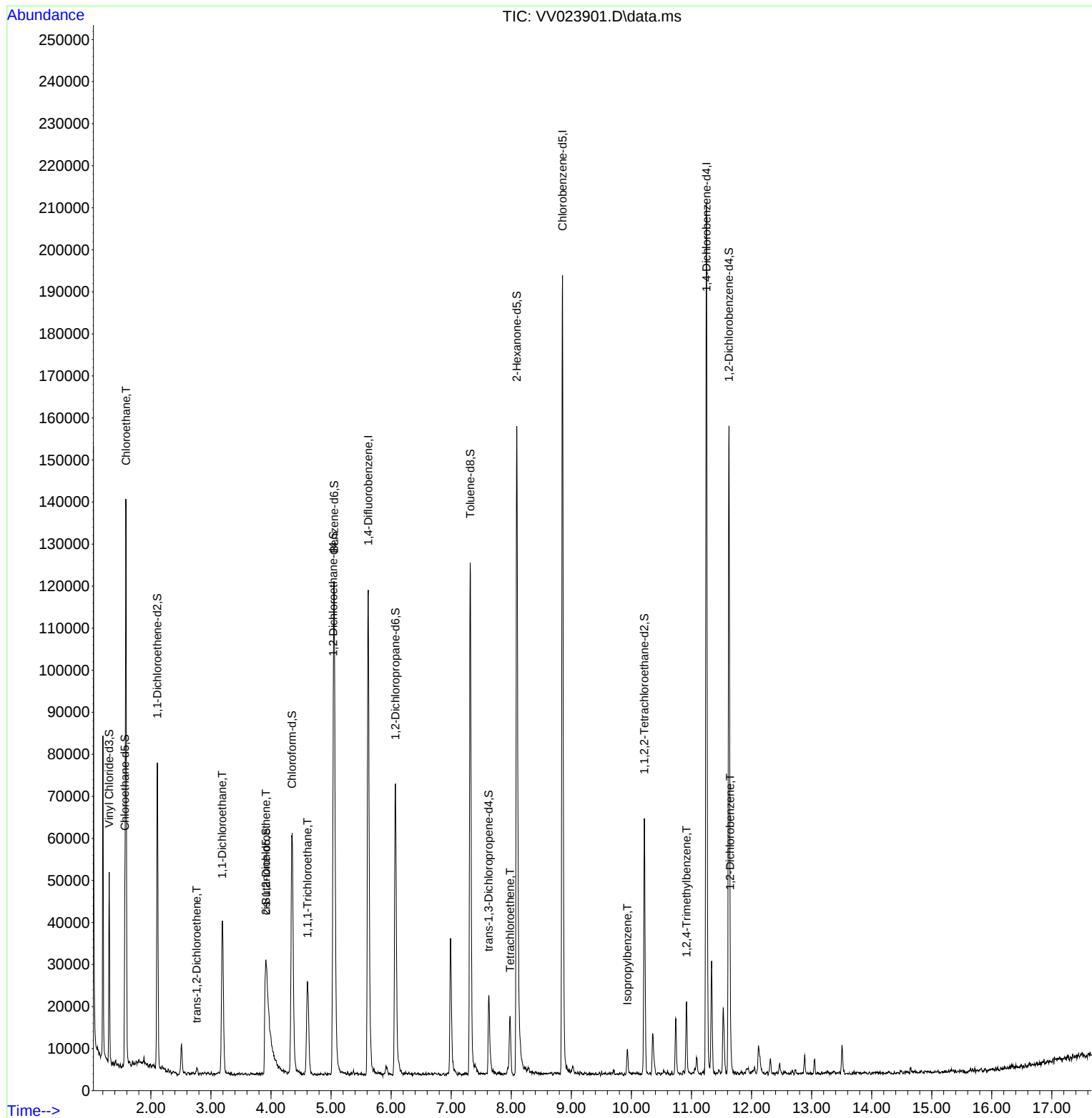
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	102363	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	107343	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55439	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	26640	4.841	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.800%	
7) Chloroethane-d5	1.567	69	23035	5.017	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.400%	
11) 1,1-Dichloroethene-d2	2.108	63	35890	3.341	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	66.800%	
20) 2-Butanone-d5	3.915	46	66016	61.404	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	122.800%	
24) Chloroform-d	4.352	84	60754	4.874	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.400%	
26) 1,2-Dichloroethane-d4	5.037	65	30762	5.301	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.000%	
32) Benzene-d6	5.053	84	104963	4.937	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.800%	
36) 1,2-Dichloropropane-d6	6.072	67	32631	5.087	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.800%	
41) Toluene-d8	7.316	98	82832	4.327	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.600%	
43) trans-1,3-Dichloroprop...	7.625	79	11668	4.385	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.600%	
46) 2-Hexanone-d5	8.091	63	57770	48.495	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.000%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26074	4.900	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	40259	5.436	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.800%	
Target Compounds						
8) Chloroethane	1.587	64	71432	13.296	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	480	0.063	ug/L	88
19) 1,1-Dichloroethane	3.188	63	36719	2.691	ug/L	98
22) cis-1,2-Dichloroethene	3.915	96	1610	0.200	ug/L	95
29) 1,1,1-Trichloroethane	4.609	97	17940	1.277	ug/L	99
47) Tetrachloroethene	7.982	164	3330	0.442	ug/L	95
60) Isopropylbenzene	9.934	105	4138	0.127	ug/L #	96
63) 1,2,4-Trimethylbenzene	10.918	105	8886	0.330	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	1472	0.097	ug/L #	74

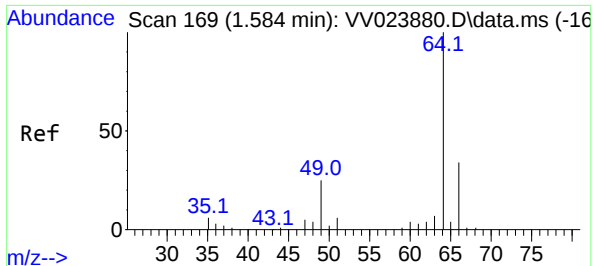
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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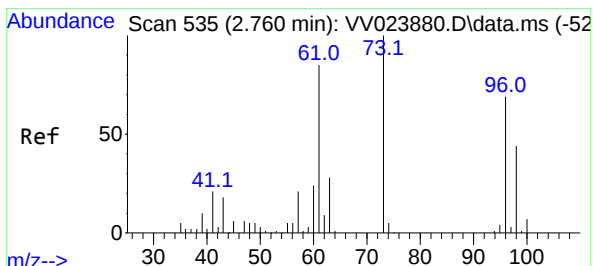
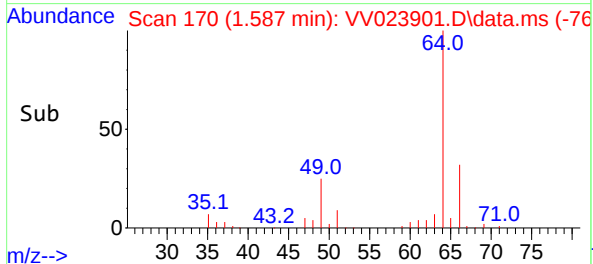
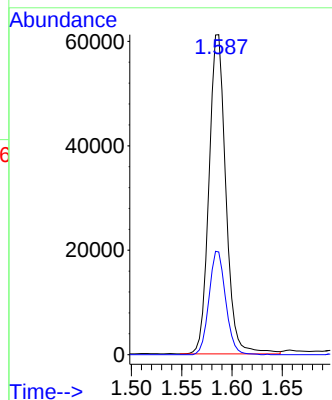
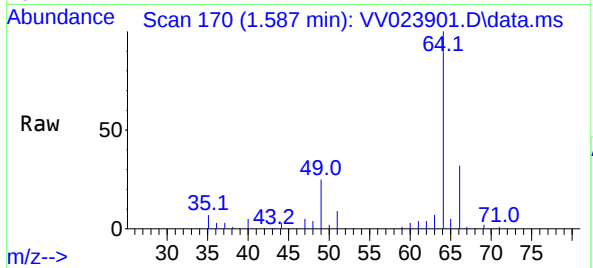




#8
Chloroethane
Concen: 13.296 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023901.D
Acq: 10 Dec 2021 21:02

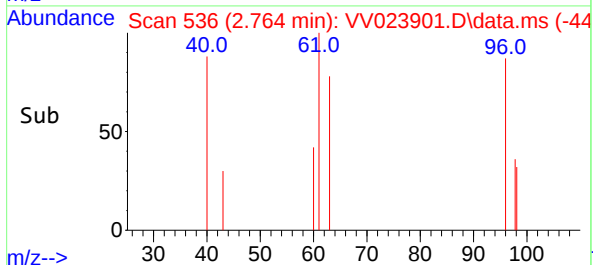
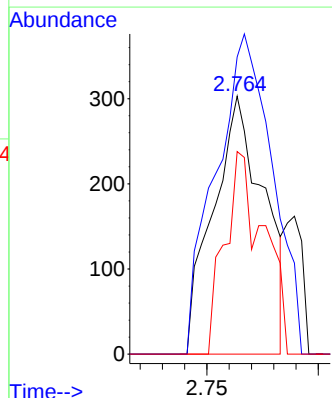
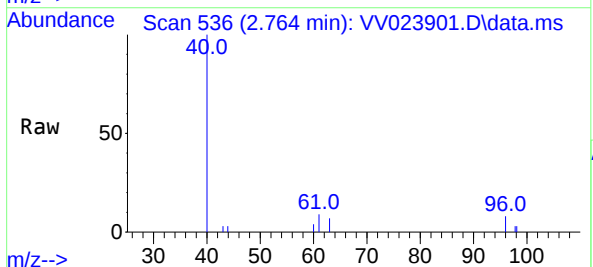
Instrument :
MSVOA_V
ClientSampleId :
EW5R8DL

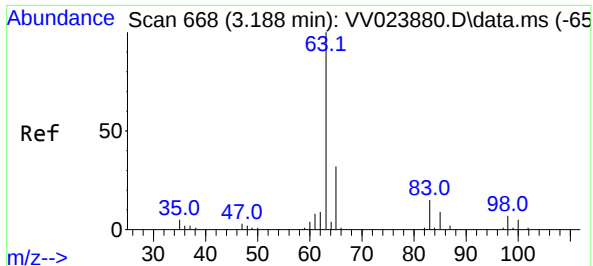
Tgt Ion: 64 Resp: 71432
Ion Ratio Lower Upper
64 100
66 32.1 21.4 39.8



#18
trans-1,2-Dichloroethene
Concen: 0.063 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV023901.D
Acq: 10 Dec 2021 21:02

Tgt Ion: 96 Resp: 480
Ion Ratio Lower Upper
96 100
61 115.2 88.2 163.8
98 78.5 44.9 83.5

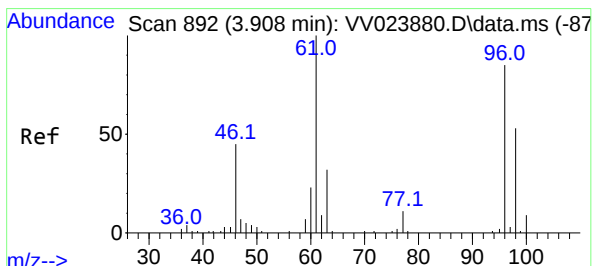
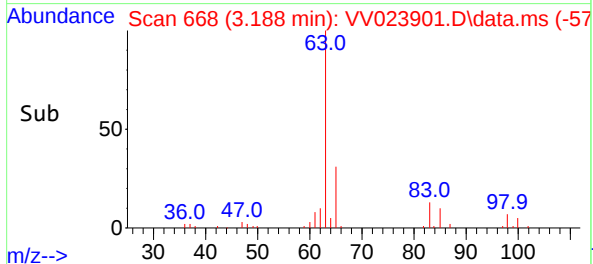
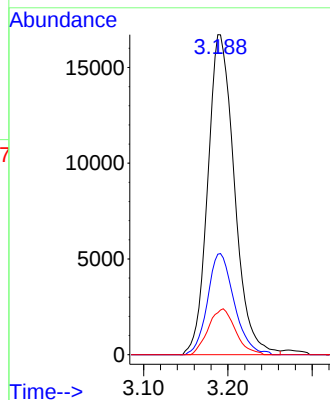
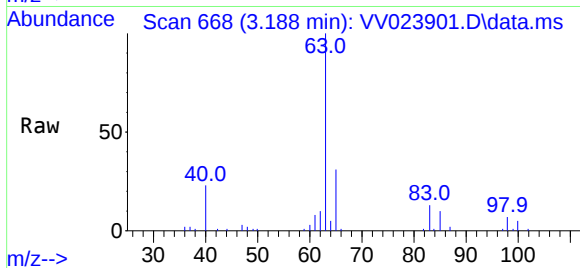




#19
1,1-Dichloroethane
Concen: 2.691 ug/L
RT: 3.188 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV023901.D
Acq: 10 Dec 2021 21:02

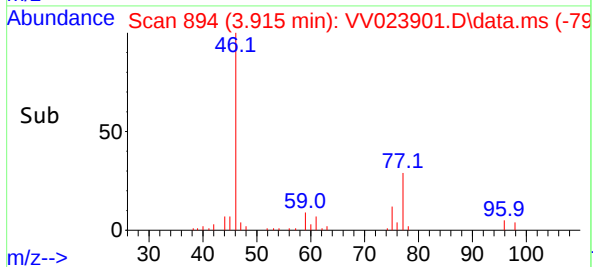
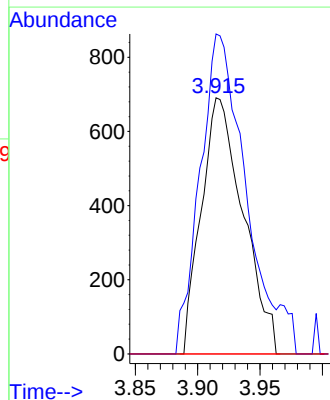
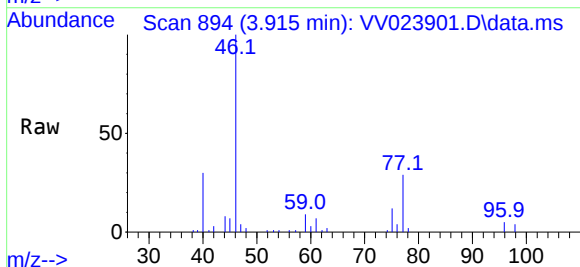
Instrument :
MSVOA_V
ClientSampleId :
EW5R8DL

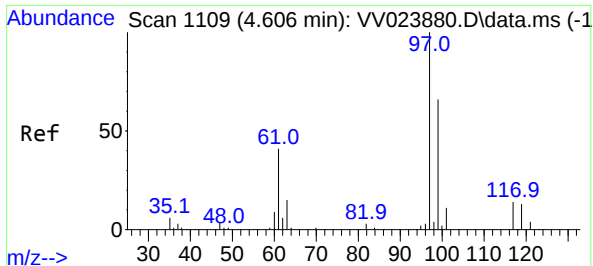
Tgt Ion: 63 Resp: 36719
Ion Ratio Lower Upper
63 100
65 31.4 22.3 41.3
83 13.1 10.7 19.9



#22
cis-1,2-Dichloroethene
Concen: 0.200 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV023901.D
Acq: 10 Dec 2021 21:02

Tgt Ion: 96 Resp: 1610
Ion Ratio Lower Upper
96 100
61 124.9 83.4 154.8
68 0.0 0.0 0.0





#29

1,1,1-Trichloroethane

Concen: 1.277 ug/L

RT: 4.609 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV023901.D

Acq: 10 Dec 2021 21:02

Instrument :

MSVOA_V

ClientSampleId :

EW5R8DL

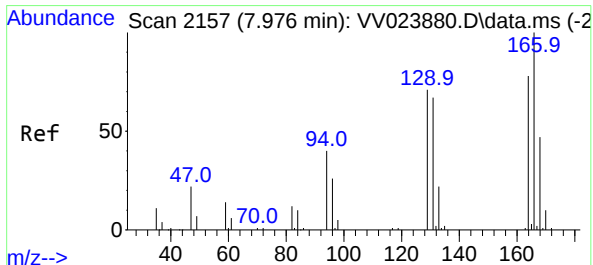
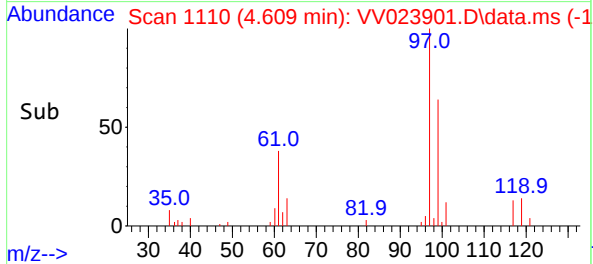
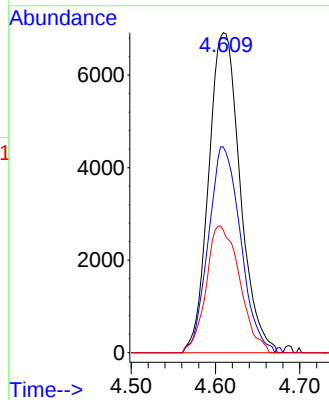
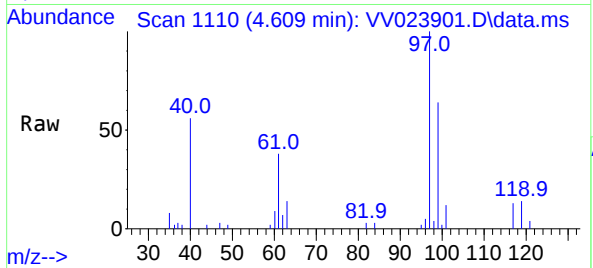
Tgt Ion: 97 Resp: 17940

Ion Ratio Lower Upper

97 100

99 65.8 51.9 77.9

61 42.2 33.2 49.8



#47

Tetrachloroethene

Concen: 0.442 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.006 min

Lab File: VV023901.D

Acq: 10 Dec 2021 21:02

Tgt Ion:164 Resp: 3330

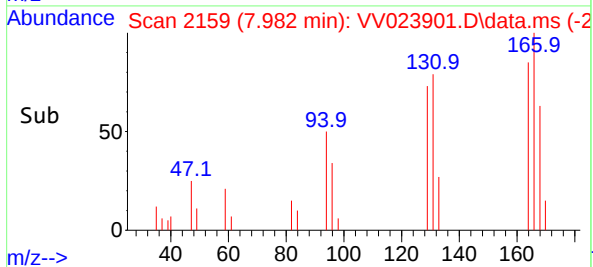
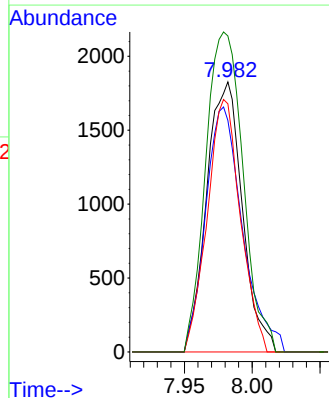
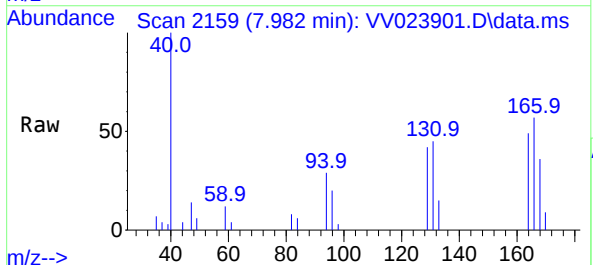
Ion Ratio Lower Upper

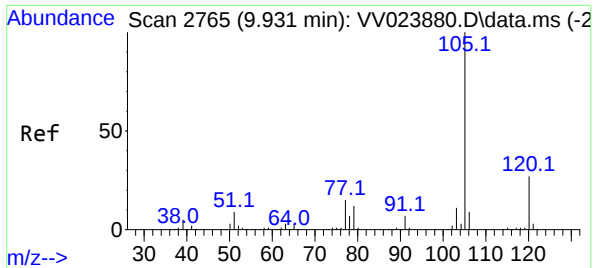
164 100

129 85.7 62.6 116.2

131 91.9 61.0 113.4

166 117.0 87.3 162.1

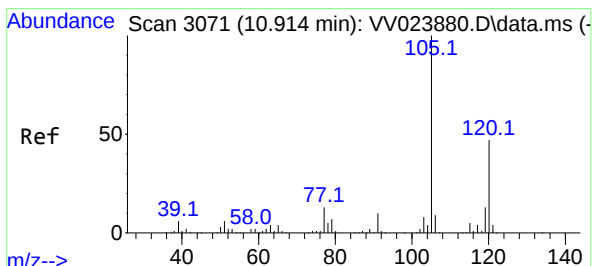
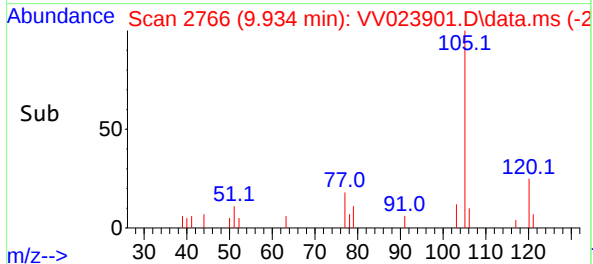
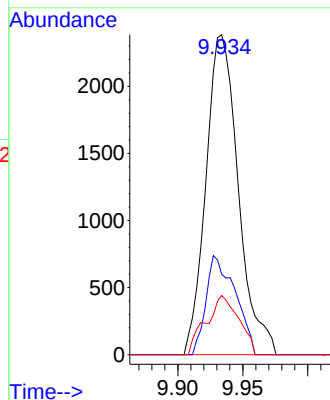
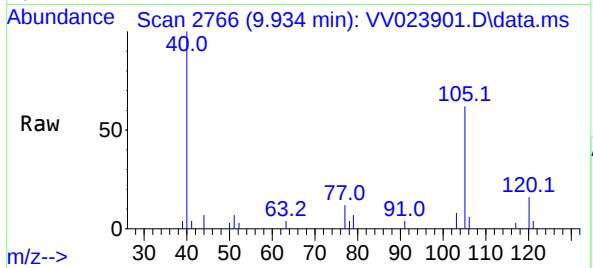




#60
Isopropylbenzene
Concen: 0.127 ug/L
RT: 9.934 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023901.D
Acq: 10 Dec 2021 21:02

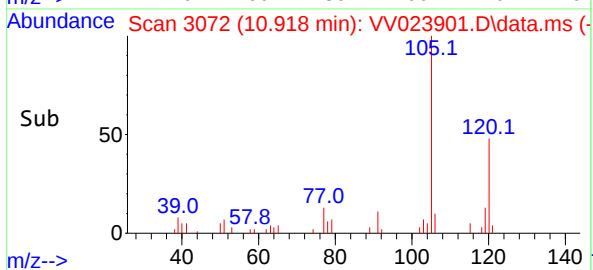
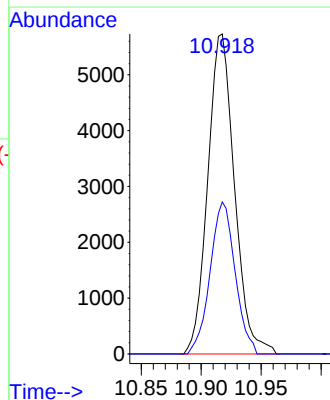
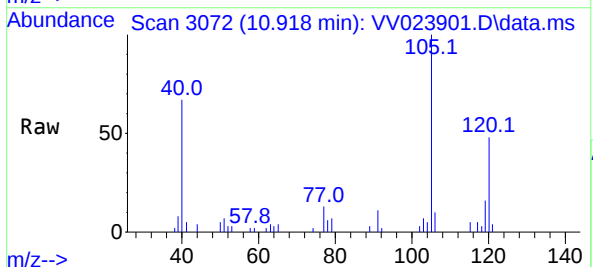
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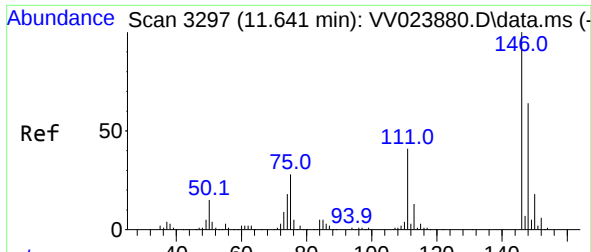
Tgt Ion:105 Resp: 4138
Ion Ratio Lower Upper
105 100
120 27.9 21.4 32.0
77 18.7 12.2 18.4#



#63
1,2,4-Trimethylbenzene
Concen: 0.330 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV023901.D
Acq: 10 Dec 2021 21:02

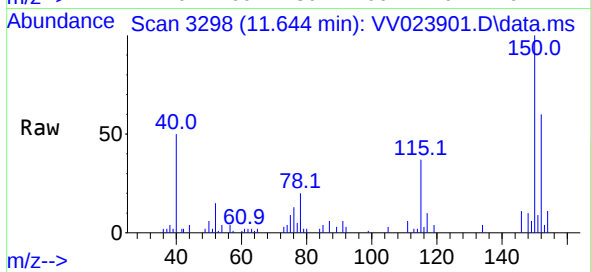
Tgt Ion:105 Resp: 8886
Ion Ratio Lower Upper
105 100
120 44.4 36.7 55.1





#67
1,2-Dichlorobenzene
Concen: 0.097 ug/L
RT: 11.644 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV023901.D
Acq: 10 Dec 2021 21:02

Instrument :
MSVOA_V
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Tgt Ion:	146	Resp:	1472
Ion	Ratio	Lower	Upper
146	100		
111	50.4	31.9	47.9#
148	88.1	50.5	75.7#

