

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120922\
 Data File : VW029564.D
 Acq On : 10 Dec 2022 08:35
 Operator : SY/MD
 Sample : N5929-01DL 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ96DL

Quant Time: Dec 12 00:03:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 10 07:45:47 2022
 Response via : Initial Calibration

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

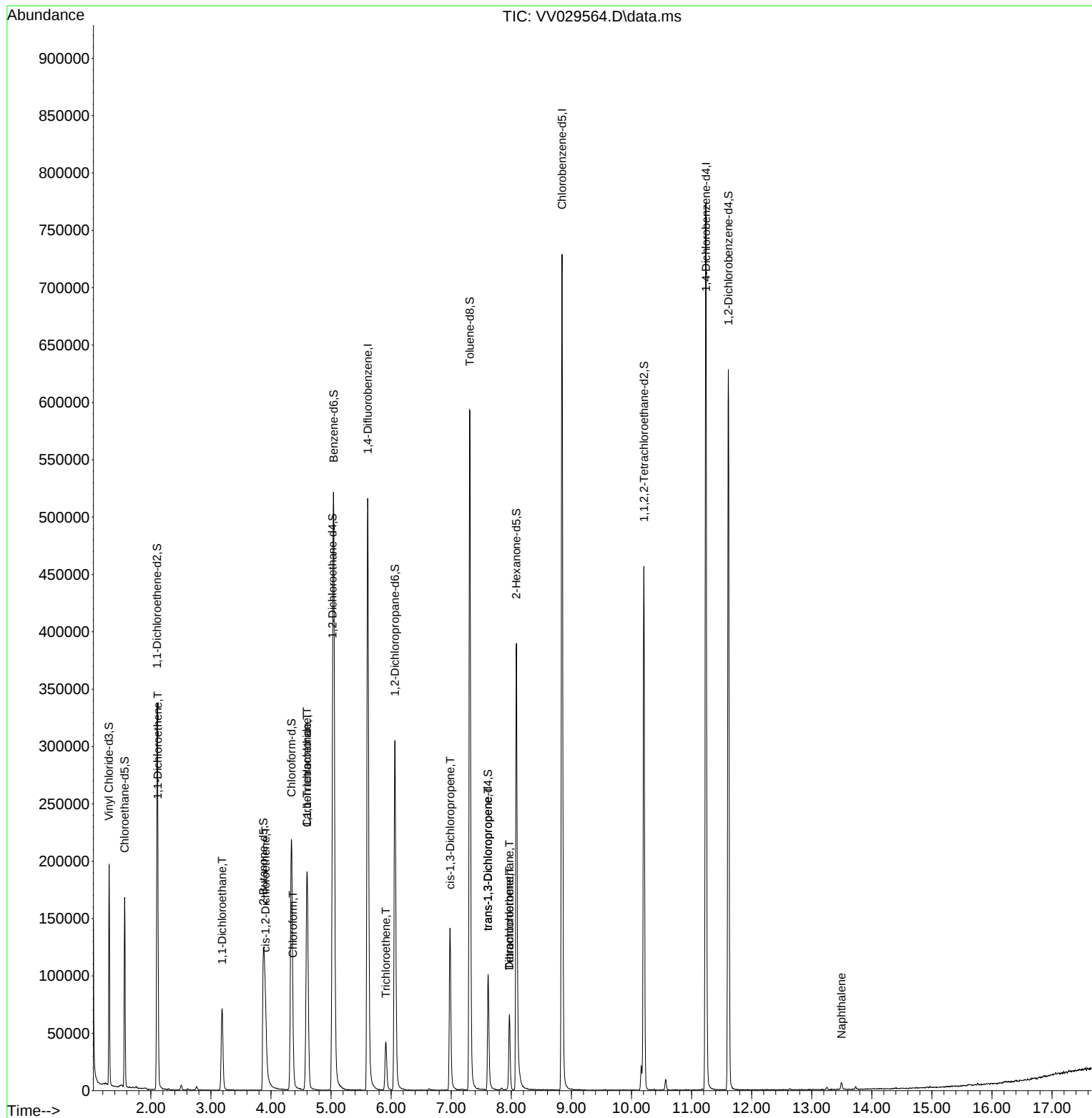
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	479640	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	427620	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	213211	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	122697	41.775	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.540%
7) Chloroethane-d5	1.564	69	106605	47.599	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.105	63	162305	35.429	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.860%
21) 2-Butanone-d5	3.873	46	177429	99.027	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.030%
24) Chloroform-d	4.342	84	239452	43.323	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.640%
26) 1,2-Dichloroethane-d4	5.024	65	147478	46.719	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.440%
32) Benzene-d6	5.043	84	496343	43.927	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.860%
36) 1,2-Dichloropropane-d6	6.063	67	157383	45.600	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.200%
41) Toluene-d8	7.310	98	419659	39.418	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.840%#
43) trans-1,3-Dichloroprop...	7.612	79	62335	35.767	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.540%
47) 2-Hexanone-d5	8.085	63	148599	100.826	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.830%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	226363	45.897	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	11.612	152	170795	42.081	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.160%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.117	96	28118	10.967	ug/L #	14
19) 1,1-Dichloroethane	3.185	63	74243	14.670	ug/L	98
20) cis-1,2-Dichloroethene	3.908	96	21963	6.761	ug/L	92
25) Chloroform	4.365	83	2622	0.500	ug/L	93
30) 1,1,1-Trichloroethane	4.600	97	162413	34.861	ug/L	99
31) Carbon tetrachloride	4.600	117	21942	5.393	ug/L	100
34) Trichloroethene	5.912	95	14589	4.830	ug/L	98
39) cis-1,3-Dichloropropene	6.982	75	3322	0.694	ug/L #	43
44) trans-1,3-Dichloropropene	7.612	75	2660	0.587	ug/L	94
46) Tetrachloroethene	7.969	164	15729	6.477	ug/L	90
49) Dibromochloromethane	7.969	129	14139	4.261	ug/L #	10
71) Naphthalene	13.496	128	6410	0.652	ug/L	96

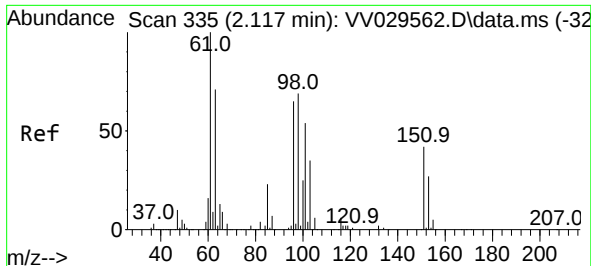
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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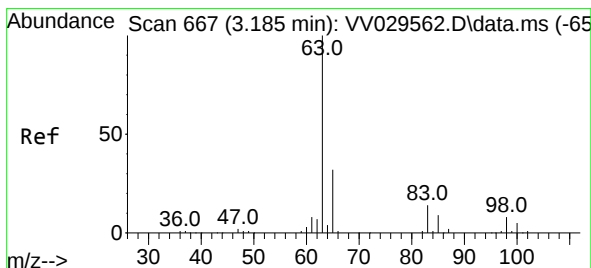
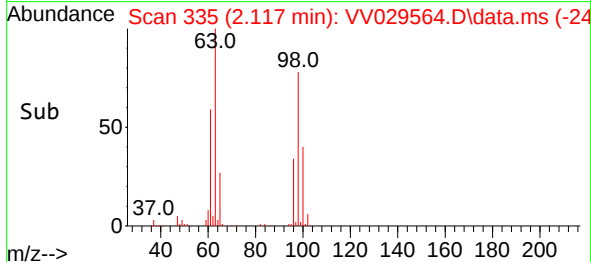
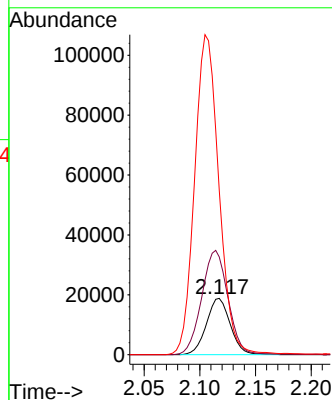
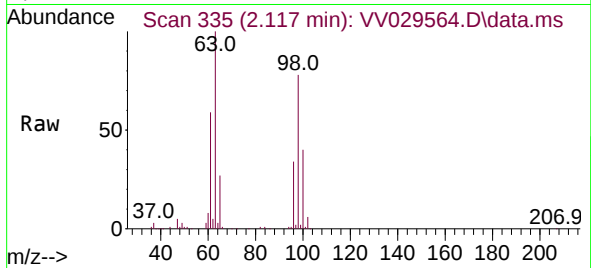




#12
 1,1-Dichloroethene
 Concen: 10.967 ug/L
 RT: 2.117 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VV029564.D
 Acq: 10 Dec 2022 08:35

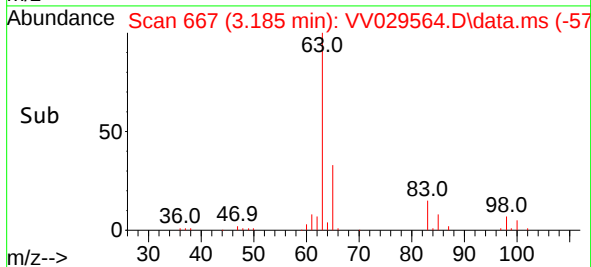
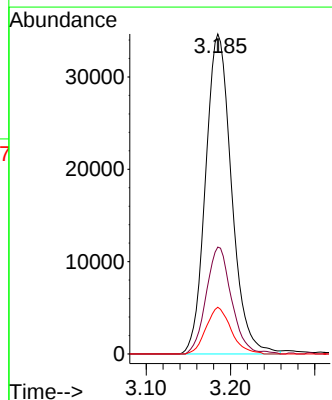
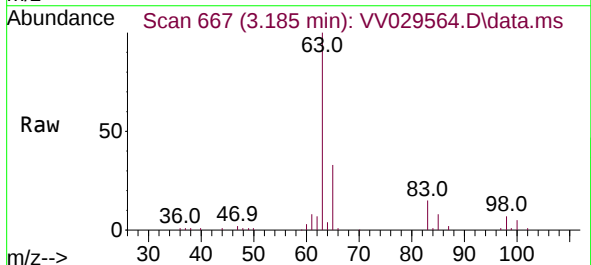
Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ96DL

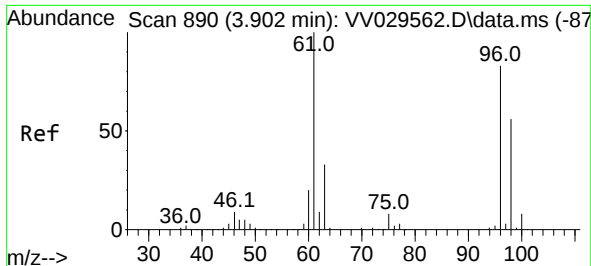
Tgt Ion: 96 Resp: 28118
 Ion Ratio Lower Upper
 96 100
 61 173.8 103.3 191.9
 63 292.5 77.3 143.7#



#19
 1,1-Dichloroethane
 Concen: 14.670 ug/L
 RT: 3.185 min Scan# 667
 Delta R.T. 0.000 min
 Lab File: VV029564.D
 Acq: 10 Dec 2022 08:35

Tgt Ion: 63 Resp: 74243
 Ion Ratio Lower Upper
 63 100
 65 33.4 22.5 41.7
 83 14.6 10.4 19.2





#20

cis-1,2-Dichloroethene

Concen: 6.761 ug/L

RT: 3.908 min Scan# 890

Delta R.T. 0.007 min

Lab File: VV029564.D

Acq: 10 Dec 2022 08:35

Instrument :

MSVOA_V

ClientSampleId :

EXZ96DL

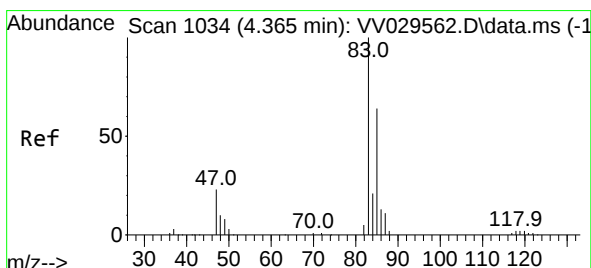
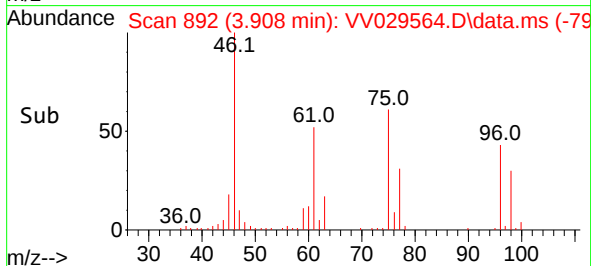
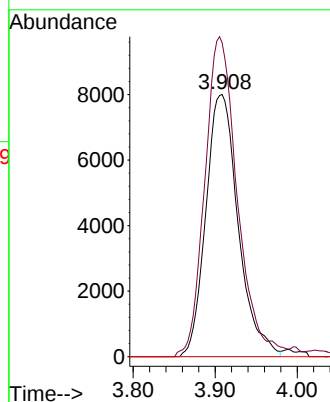
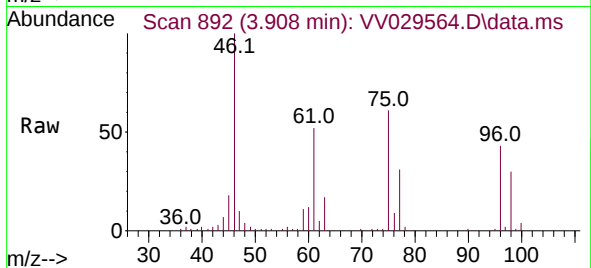
Tgt Ion: 96 Resp: 21963

Ion Ratio Lower Upper

96 100

61 119.7 78.0 144.9

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.500 ug/L

RT: 4.365 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VV029564.D

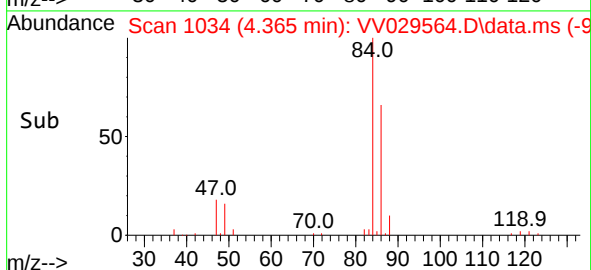
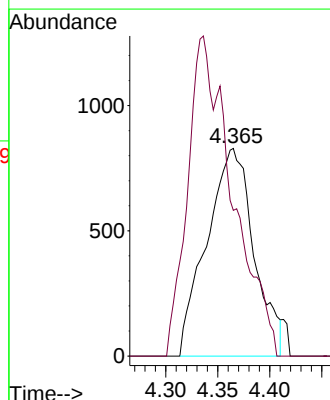
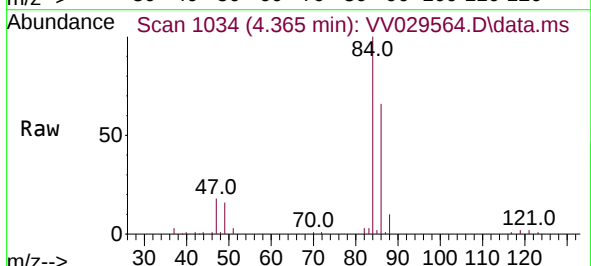
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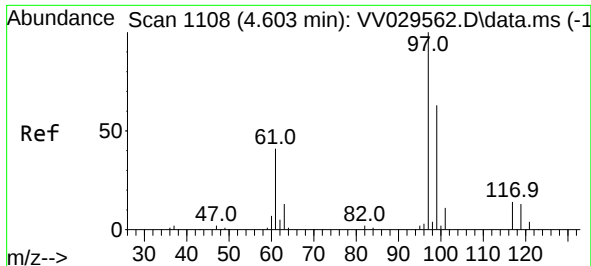
Tgt Ion: 83 Resp: 2622

Ion Ratio Lower Upper

83 100

85 70.2 45.1 83.9





#30

1,1,1-Trichloroethane

Concen: 34.861 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV029564.D

Acq: 10 Dec 2022 08:35

Instrument :

MSVOA_V

ClientSampleId :

EXZ96DL

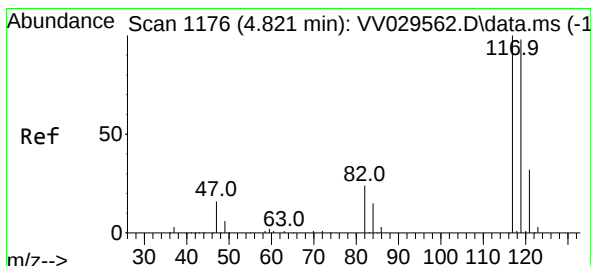
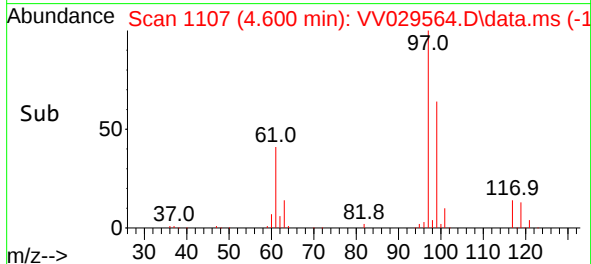
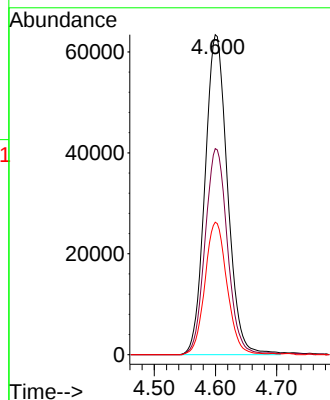
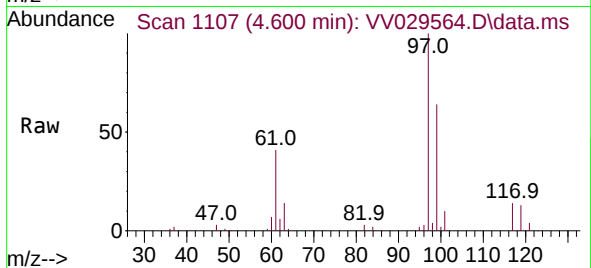
Tgt Ion: 97 Resp: 162413

Ion Ratio Lower Upper

97 100

99 63.9 52.1 78.1

61 40.6 31.8 47.8



#31

Carbon tetrachloride

Concen: 5.393 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.222 min

Lab File: VV029564.D

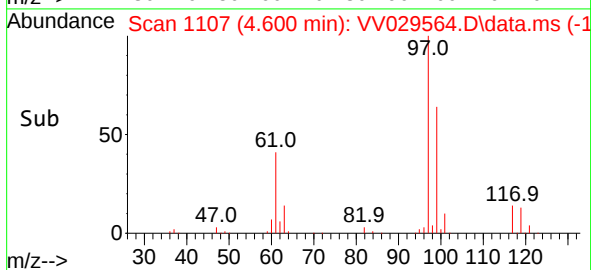
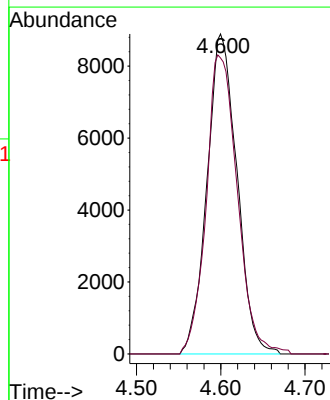
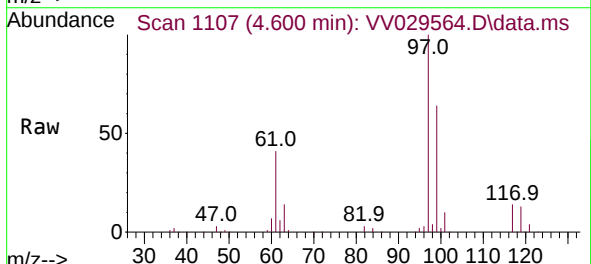
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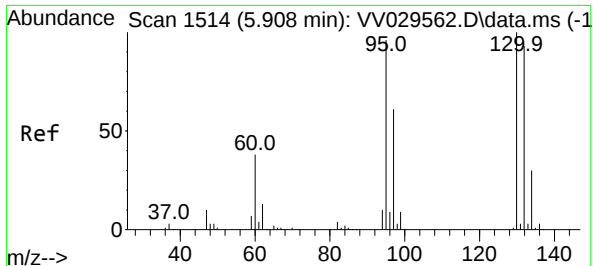
Tgt Ion: 117 Resp: 21942

Ion Ratio Lower Upper

117 100

119 96.2 76.7 115.1

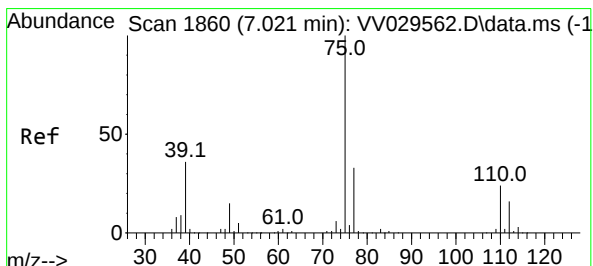
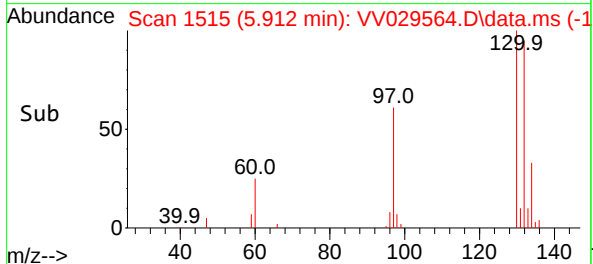
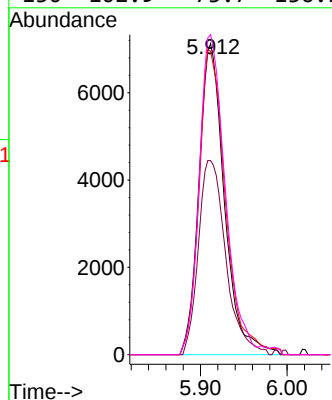
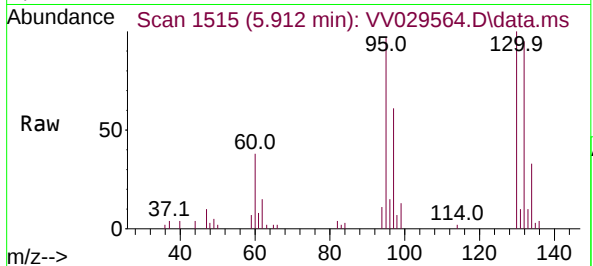




#34
Trichloroethene
Concen: 4.830 ug/L
RT: 5.912 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV029564.D
Acq: 10 Dec 2022 08:35

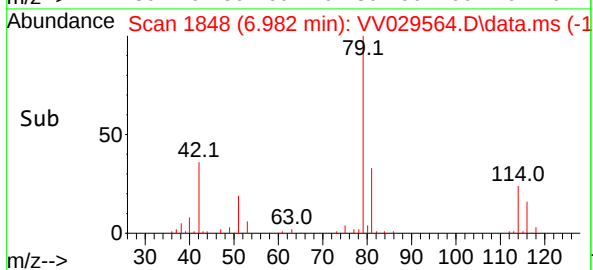
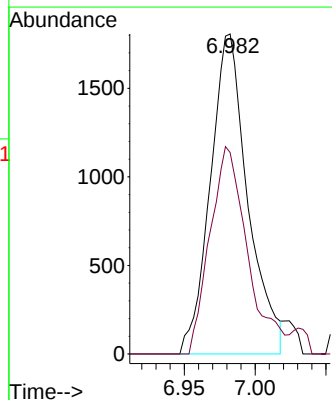
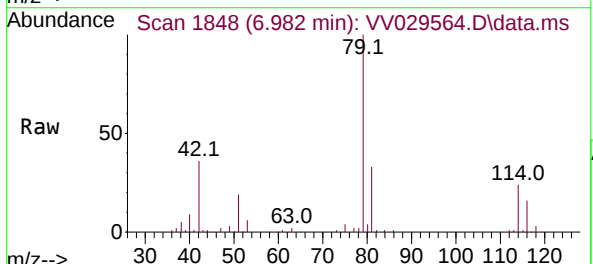
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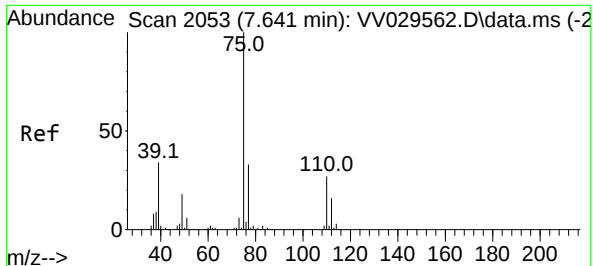
Tgt Ion:	95	Resp:	14589
Ion	Ratio	Lower	Upper
95	100		
97	62.4	44.0	81.8
132	97.6	69.9	129.9
130	102.9	73.7	136.9



#39
cis-1,3-Dichloropropene
Concen: 0.694 ug/L
RT: 6.982 min Scan# 1848
Delta R.T. -0.038 min
Lab File: VV029564.D
Acq: 10 Dec 2022 08:35

Tgt Ion:	75	Resp:	3322
Ion	Ratio	Lower	Upper
75	100		
77	63.0	21.9	40.7#

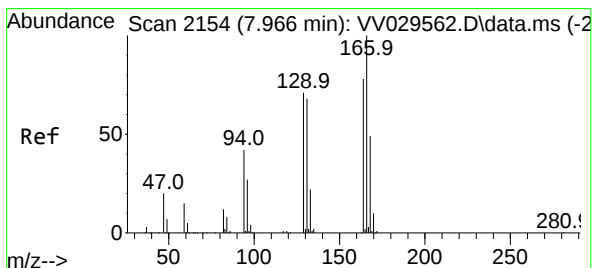
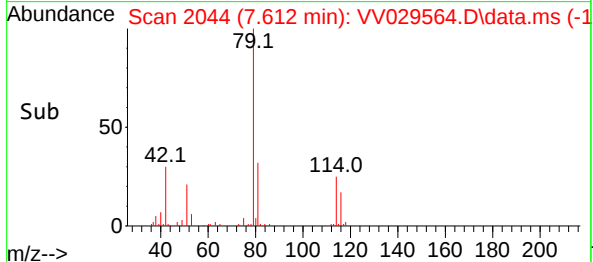
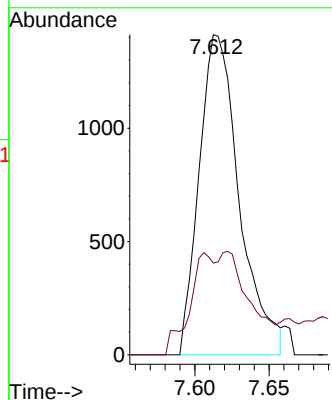
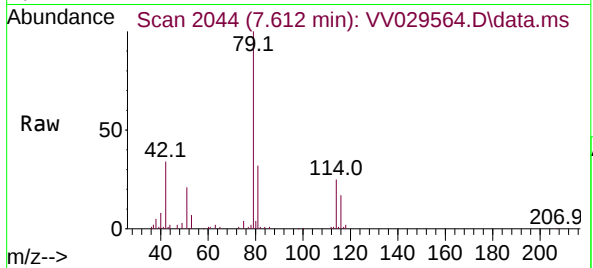




#44
trans-1,3-Dichloropropene
Concen: 0.587 ug/L
RT: 7.612 min Scan# 2044
Delta R.T. -0.029 min
Lab File: VV029564.D
Acq: 10 Dec 2022 08:35

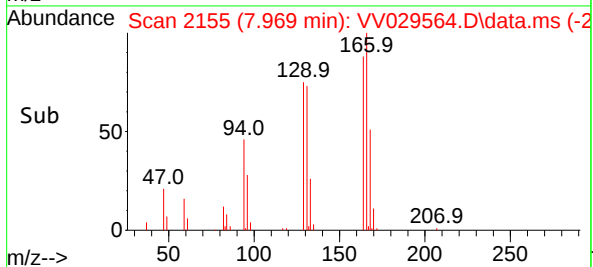
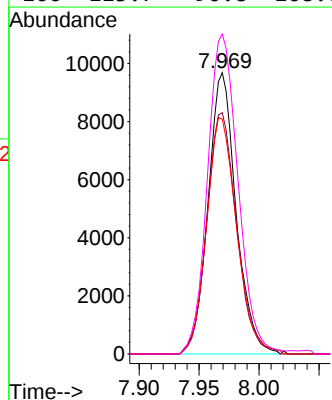
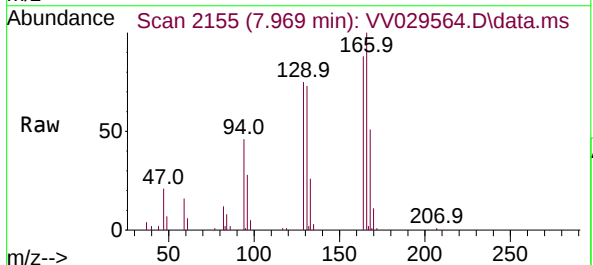
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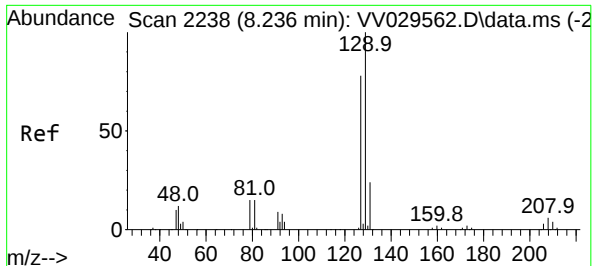
Tgt Ion: 75 Resp: 2660
Ion Ratio Lower Upper
75 100
77 28.7 22.3 41.5



#46
Tetrachloroethene
Concen: 6.477 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.003 min
Lab File: VV029564.D
Acq: 10 Dec 2022 08:35

Tgt Ion: 164 Resp: 15729
Ion Ratio Lower Upper
164 100
129 85.8 65.3 121.3
131 83.5 63.1 117.1
166 113.7 90.8 168.6





#49

Dibromochloromethane

Concen: 4.261 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.267 min

Lab File: VV029564.D

Acq: 10 Dec 2022 08:35

Instrument :

MSVOA_V

ClientSampleId :

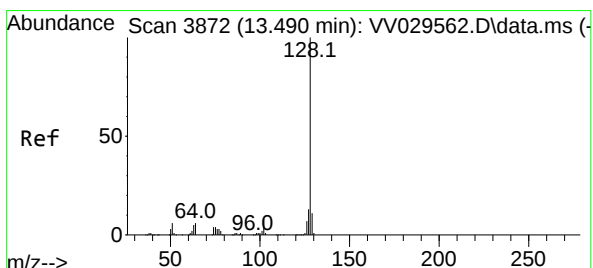
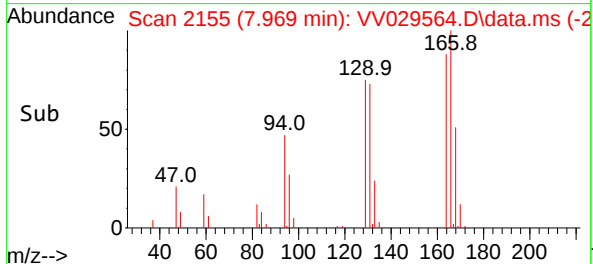
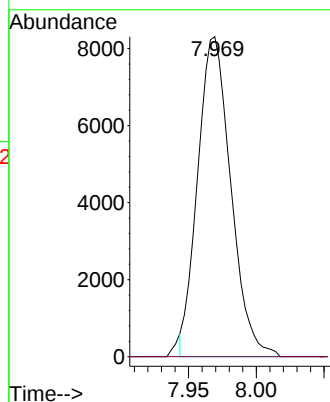
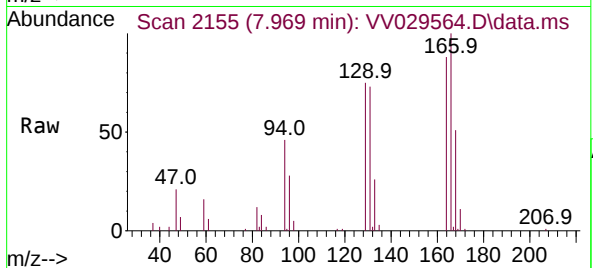
EXZ96DL

Tgt Ion:129 Resp: 14139

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.4#



#71

Naphthalene

Concen: 0.652 ug/L

RT: 13.496 min Scan# 3874

Delta R.T. 0.007 min

Lab File: VV029564.D

Acq: 10 Dec 2022 08:35

Tgt Ion:128 Resp: 6410

Ion Ratio Lower Upper

128 100

127 10.9 10.2 15.4

129 11.7 8.5 12.7

