

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100322\
 Data File : VW028301.D
 Acq On : 04 Oct 2022 00:28
 Operator : SY/MD
 Sample : N4866-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFQ3

Quant Time: Oct 04 06:17:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

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

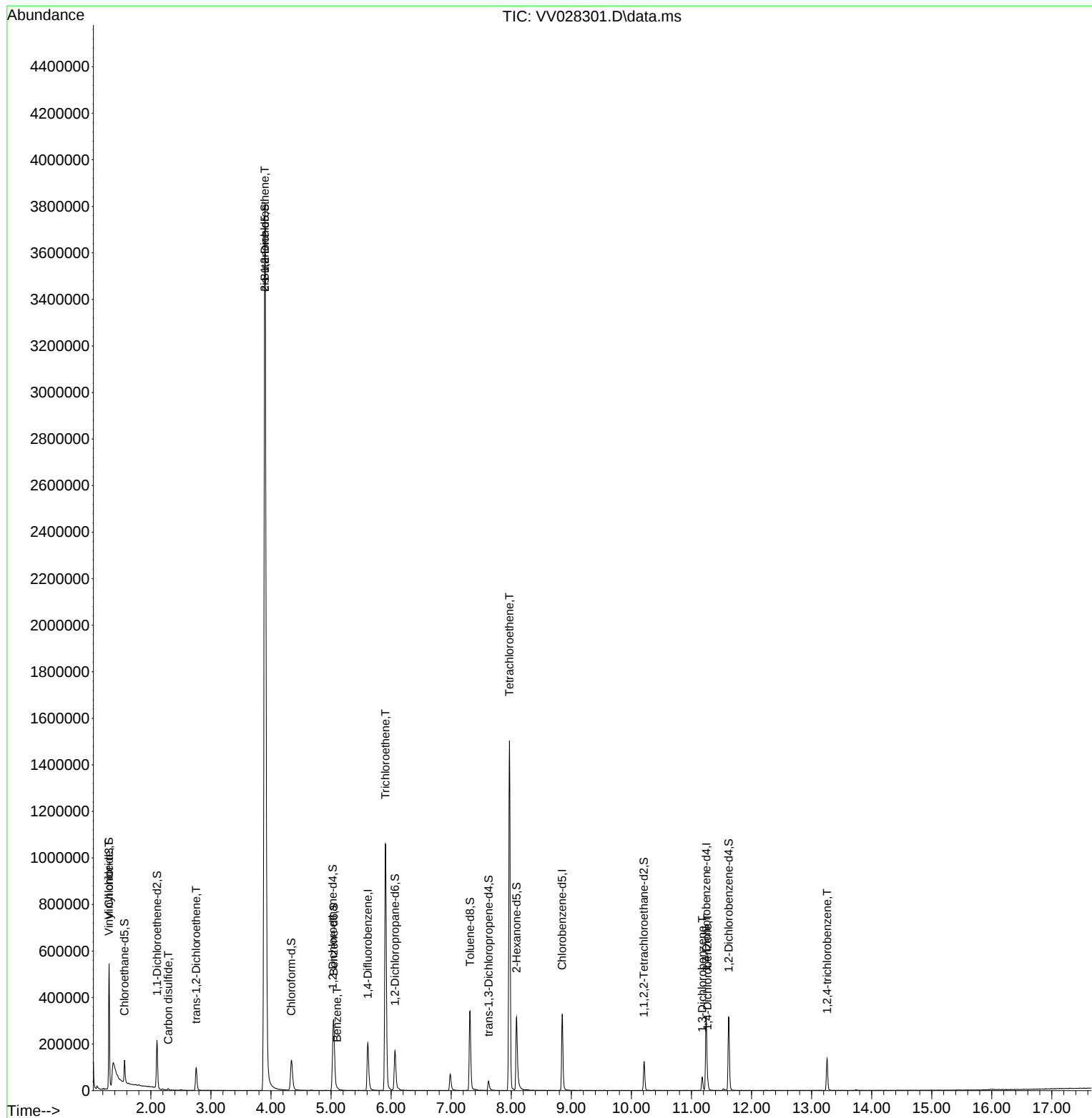
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	184522	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	190074	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	92229	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	71303	5.143	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.800%
7) Chloroethane-d5	1.561	69	62295	5.308	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.200%
11) 1,1-Dichloroethene-d2	2.101	63	103903	3.976	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.600%
20) 2-Butanone-d5	3.896	46	153601	65.478	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.960%#
24) Chloroform-d	4.339	84	140976	5.613	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.200%
26) 1,2-Dichloroethane-d4	5.031	65	66048	5.672	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.400%
32) Benzene-d6	5.043	84	290706	5.575	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.600%
36) 1,2-Dichloropropane-d6	6.066	67	89902	6.010	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	120.200%
41) Toluene-d8	7.313	98	238887	4.982	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
43) trans-1,3-Dichloroprop...	7.622	79	26267	4.611	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.088	63	129268	55.439	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.880%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	62804	5.539	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.800%
66) 1,2-Dichlorobenzene-d4	11.619	152	89396	5.632	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.600%
Target Compounds						Qvalue
5) Vinyl chloride	1.304	62	274765	17.348	ug/L	98
14) Carbon disulfide	2.288	76	7551	0.183	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	39729	2.882	ug/L	95
22) cis-1,2-Dichloroethene	3.899	96	2212577	159.369	ug/L	95
33) Benzene	5.098	78	6977	0.123	ug/L	100
34) Trichloroethene	5.905	95	375782	26.524	ug/L	96
47) Tetrachloroethene	7.969	164	343978	27.781	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	26850	0.968	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	12788	0.461	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	46768	2.799	ug/L	98

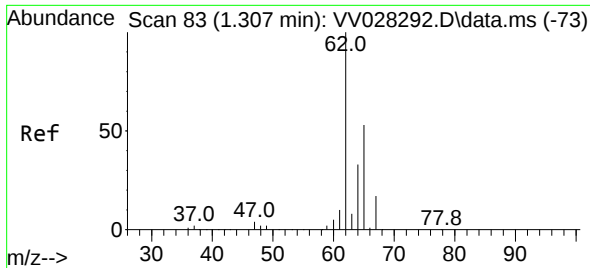
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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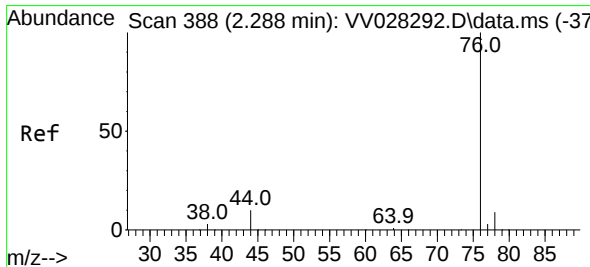
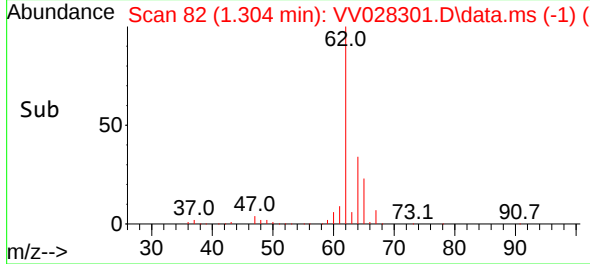
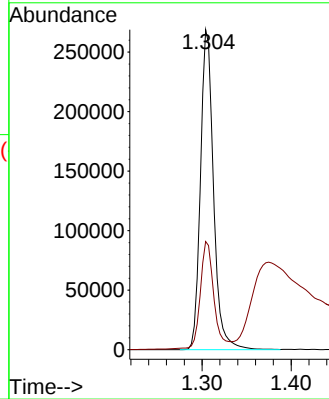
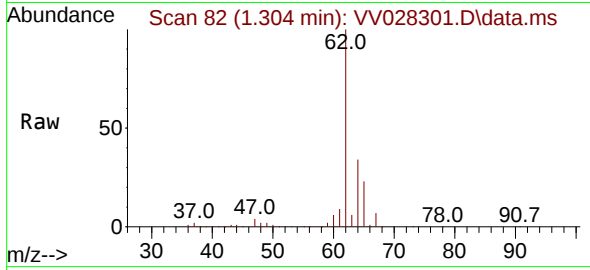




#5
 Vinyl chloride
 Concen: 17.348 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV028301.D
 Acq: 04 Oct 2022 00:28

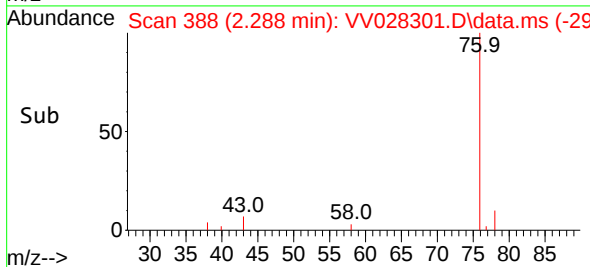
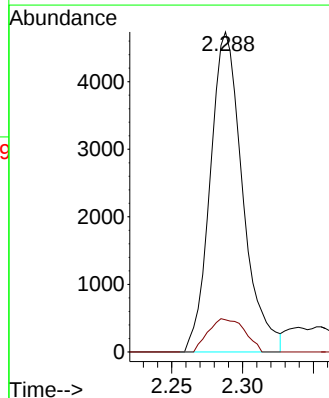
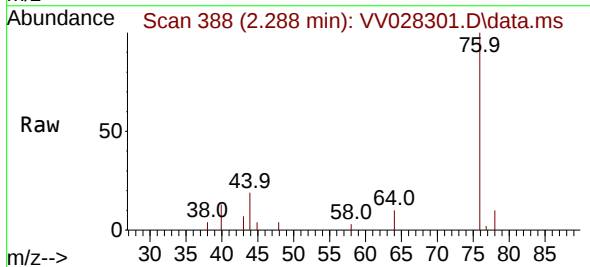
Instrument :
 MSVOA_V
 ClientSampleId :
 EXFQ3

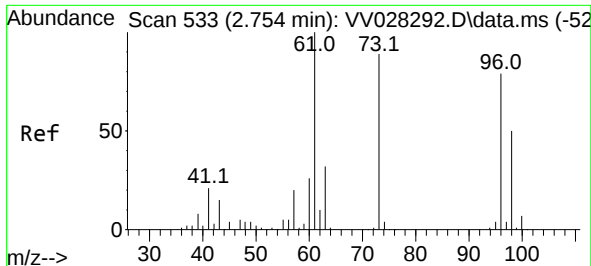
Tgt Ion: 62 Resp: 274765
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.0 42.8



#14
 Carbon disulfide
 Concen: 0.183 ug/L
 RT: 2.288 min Scan# 388
 Delta R.T. 0.003 min
 Lab File: VV028301.D
 Acq: 04 Oct 2022 00:28

Tgt Ion: 76 Resp: 7551
 Ion Ratio Lower Upper
 76 100
 78 10.1 7.6 11.4

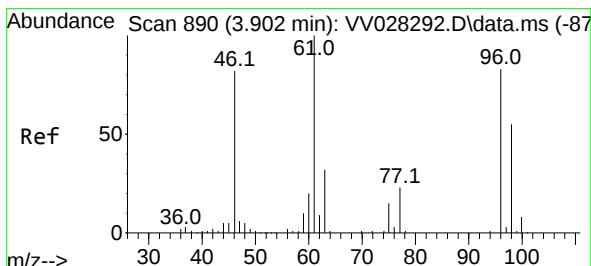
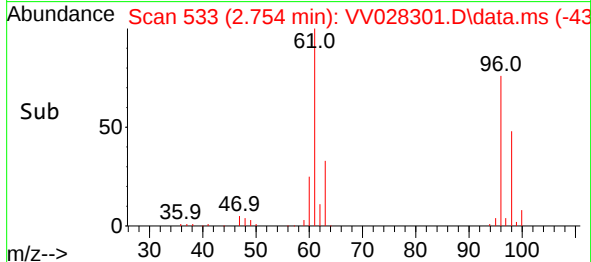
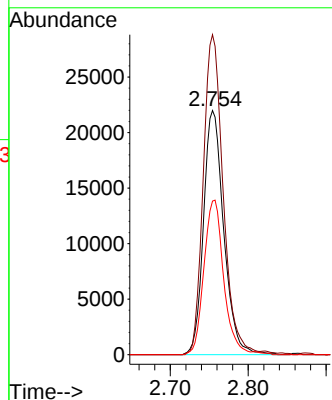
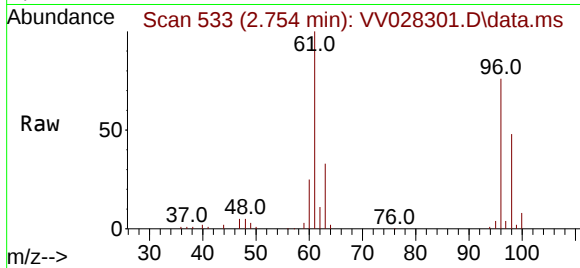




#18
trans-1,2-Dichloroethene
Concen: 2.882 ug/L
RT: 2.754 min Scan# 511
Delta R.T. 0.003 min
Lab File: VV028301.D
Acq: 04 Oct 2022 00:28

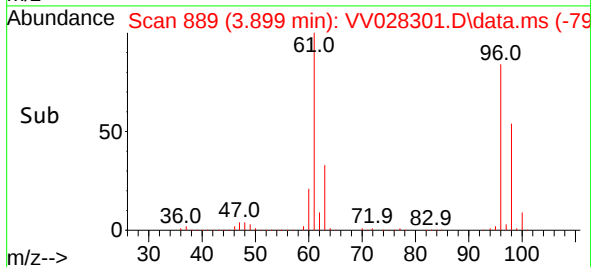
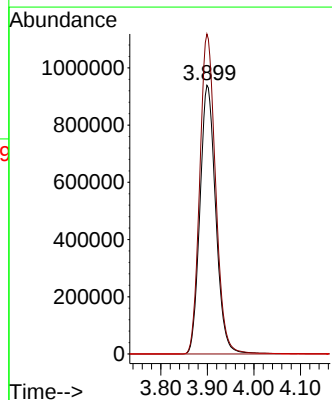
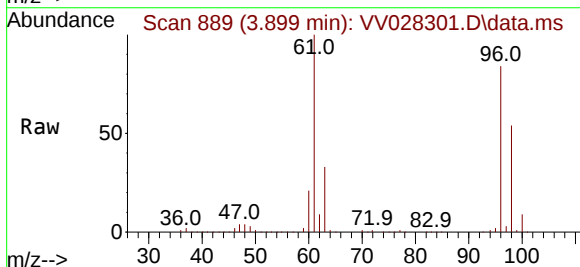
Instrument :
MSVOA_V
ClientSampleId :
EXFQ3

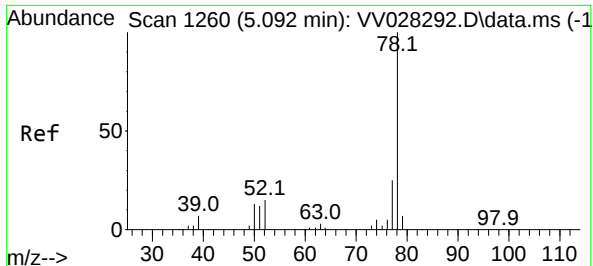
Tgt Ion: 96 Resp: 39729
Ion Ratio Lower Upper
96 100
61 131.0 96.2 178.6
98 62.9 45.7 84.9



#22
cis-1,2-Dichloroethene
Concen: 159.369 ug/L
RT: 3.899 min Scan# 889
Delta R.T. -0.006 min
Lab File: VV028301.D
Acq: 04 Oct 2022 00:28

Tgt Ion: 96 Resp: 2212577
Ion Ratio Lower Upper
96 100
61 119.1 87.2 161.9
68 0.0 0.0 0.0

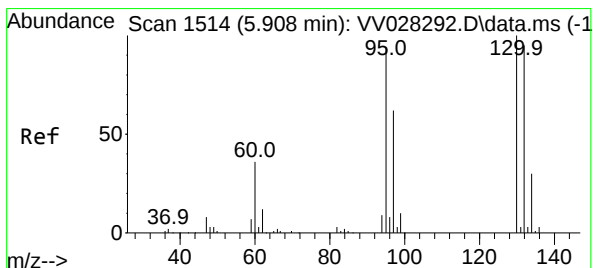
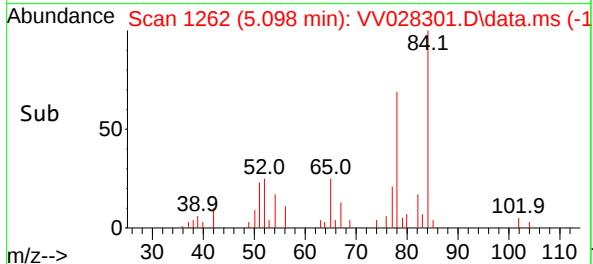
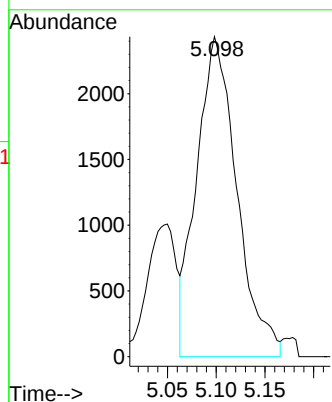
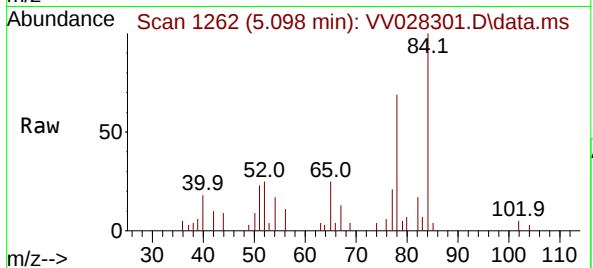




#33
Benzene
Concen: 0.123 ug/L
RT: 5.098 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV028301.D
Acq: 04 Oct 2022 00:28

Instrument :
MSVOA_V
ClientSampleId :
EXFQ3

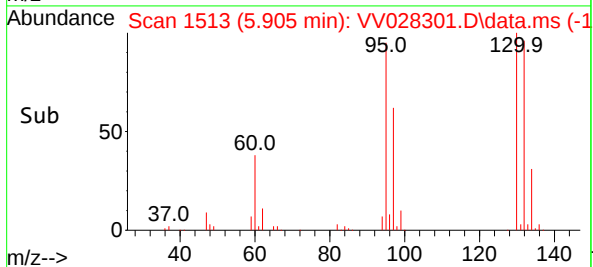
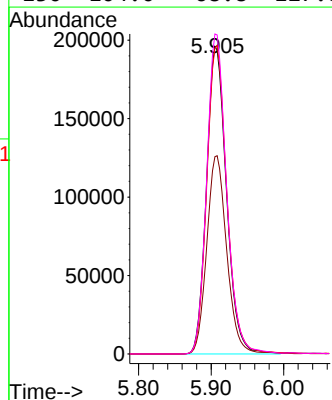
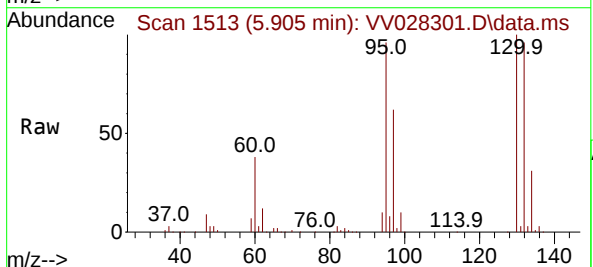
Tgt Ion: 78 Resp: 6977

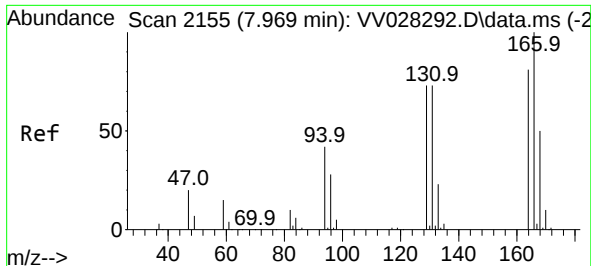


#34
Trichloroethene
Concen: 26.524 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. -0.003 min
Lab File: VV028301.D
Acq: 04 Oct 2022 00:28

Tgt Ion: 95 Resp: 375782

Ion	Ratio	Lower	Upper
95	100		
97	64.2	44.2	82.0
132	99.5	67.8	126.0
130	104.0	68.8	127.8





#47

Tetrachloroethene

Concen: 27.781 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.000 min

Lab File: VV028301.D

Acq: 04 Oct 2022 00:28

Instrument :

MSVOA_V

ClientSampleId :

EXFQ3

Tgt Ion:164 Resp: 343978

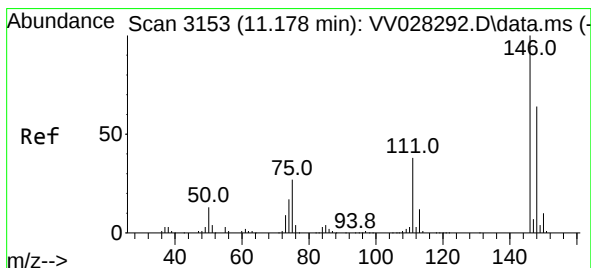
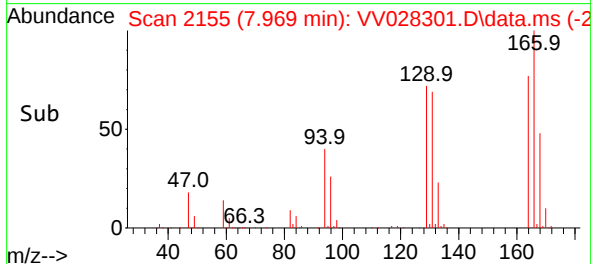
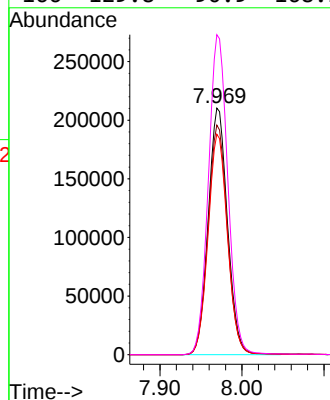
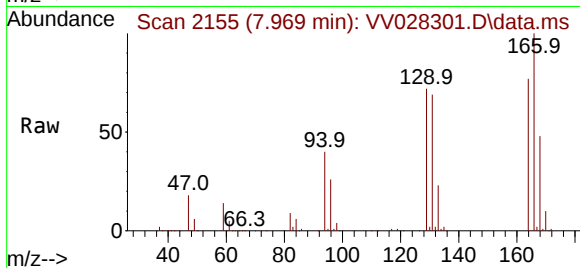
Ion Ratio Lower Upper

164 100

129 93.1 66.7 123.9

131 89.4 61.7 114.5

166 129.8 90.9 168.9



#64

1,3-Dichlorobenzene

Concen: 0.968 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. 0.000 min

Lab File: VV028301.D

Acq: 04 Oct 2022 00:28

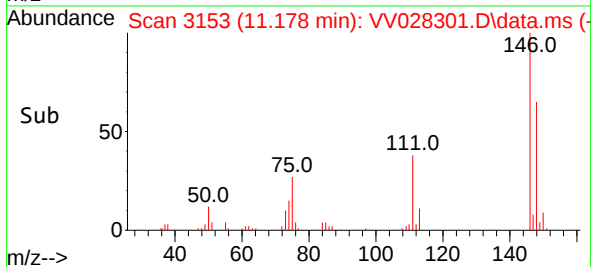
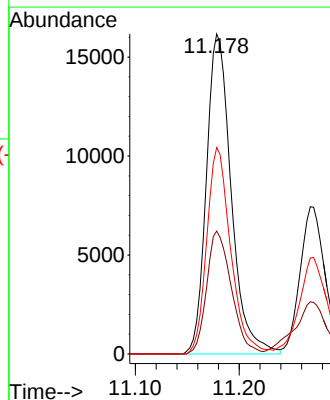
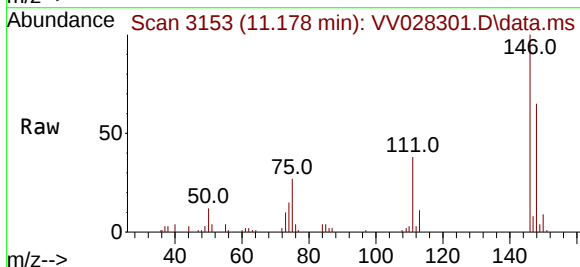
Tgt Ion:146 Resp: 26850

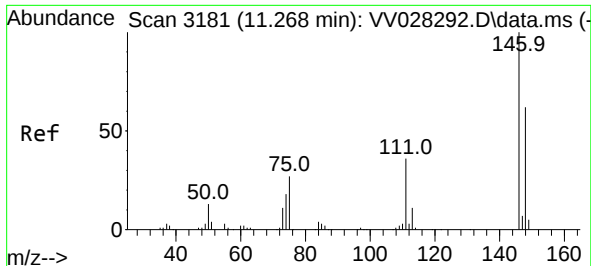
Ion Ratio Lower Upper

146 100

111 38.4 27.1 50.3

148 64.5 45.7 84.9





#65

1,4-Dichlorobenzene

Concen: 0.461 ug/L

RT: 11.268 min Scan# 3181

Delta R.T. 0.000 min

Lab File: VV028301.D

Acq: 04 Oct 2022 00:28

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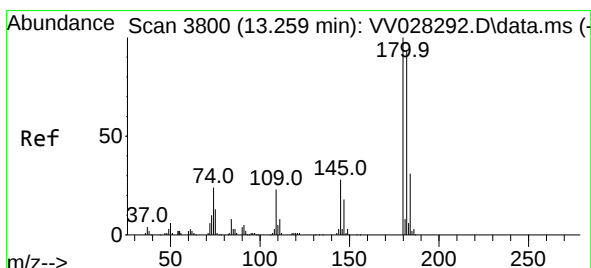
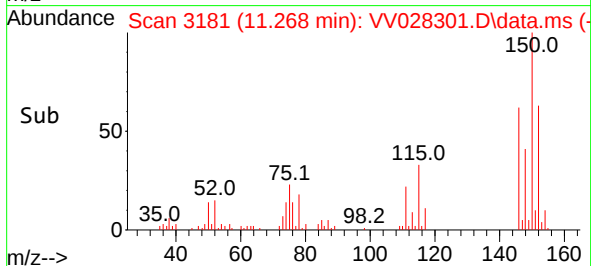
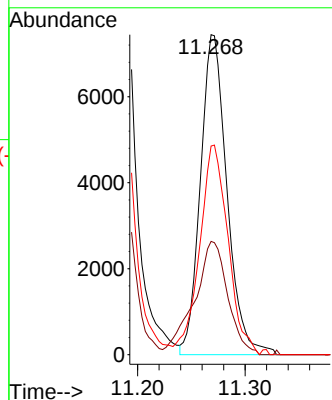
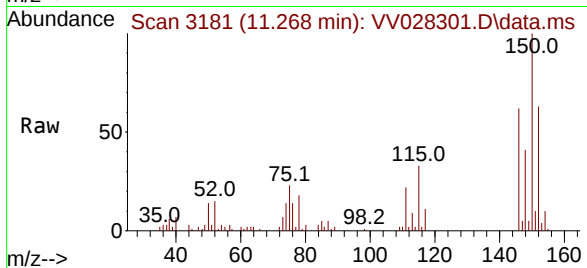
Tgt Ion:146 Resp: 12788

Ion Ratio Lower Upper

146 100

111 35.4 26.2 48.8

148 65.2 45.8 85.2



#70

1,2,4-trichlorobenzene

Concen: 2.799 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV028301.D

Acq: 04 Oct 2022 00:28

Tgt Ion:180 Resp: 46768

Ion Ratio Lower Upper

180 100

182 97.6 76.3 114.5

145 28.0 22.9 34.3

