

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071422\
 Data File : VW026782.D
 Acq On : 14 Jul 2022 17:07
 Operator : SY/MD
 Sample : N3704-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ1

Quant Time: Jul 15 06:44:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 15 06:40:32 2022
 Response via : Initial Calibration

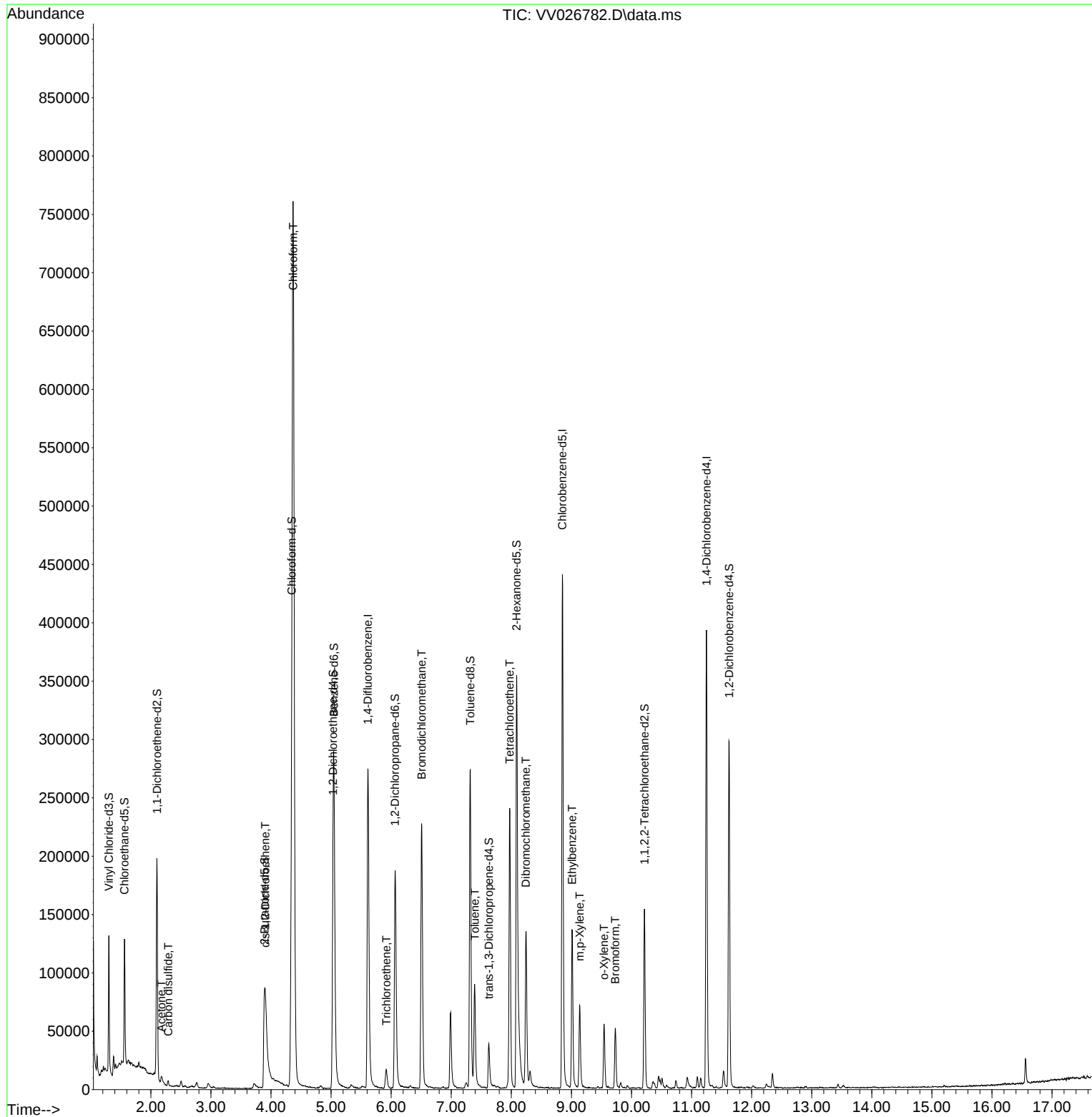
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	241549	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	248268	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	104286	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	67713	3.073	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.400%
7) Chloroethane-d5	1.561	69	69112	3.630	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.600%
11) 1,1-Dichloroethene-d2	2.101	63	97288	2.300	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	46.000%#
20) 2-Butanone-d5	3.892	46	151653	44.095	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.180%
24) Chloroform-d	4.346	84	189501	4.918	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.030	65	72240	4.292	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
32) Benzene-d6	5.047	84	267007	3.539	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.800%
36) 1,2-Dichloropropane-d6	6.066	67	94152	4.162	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.200%
41) Toluene-d8	7.317	98	190505	2.845	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	56.800%#
43) trans-1,3-Dichloroprop...	7.625	79	24904	3.365	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.400%
46) 2-Hexanone-d5	8.088	63	138020	43.077	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.160%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	77049	4.373	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	76911	4.233	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.600%
Target Compounds						
					Qvalue	
13) Acetone	2.175	43	12620	4.361	ug/L	# 25
14) Carbon disulfide	2.288	76	4920	0.079	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	12929	0.659	ug/L	95
25) Chloroform	4.368	83	732283	19.669	ug/L	99
34) Trichloroethene	5.921	95	5572	0.273	ug/L	93
38) Bromodichloromethane	6.506	83	159250	6.155	ug/L	99
42) Toluene	7.390	91	69678	0.831	ug/L	98
47) Tetrachloroethene	7.972	164	53647	3.353	ug/L	98
49) Dibromochloromethane	8.243	129	68851	4.118	ug/L	97
52) Ethylbenzene	9.011	91	95454	1.151	ug/L	99
53) m,p-Xylene	9.136	106	21163	0.656	ug/L	94
54) o-Xylene	9.545	106	14305	0.467	ug/L	95
59) Bromoform	9.731	173	22872	3.418	ug/L	99

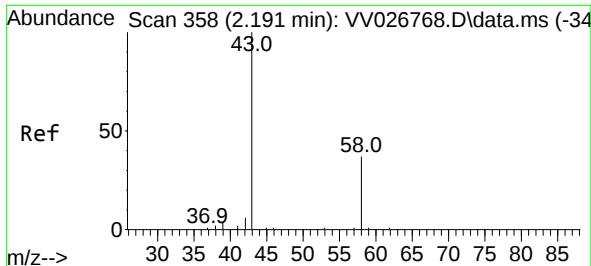
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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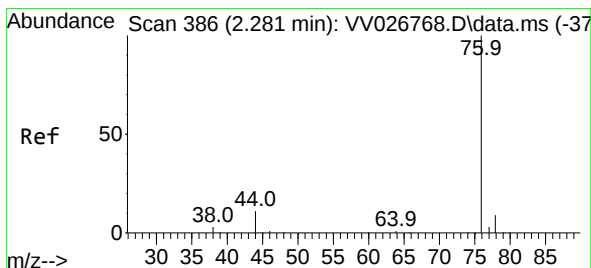
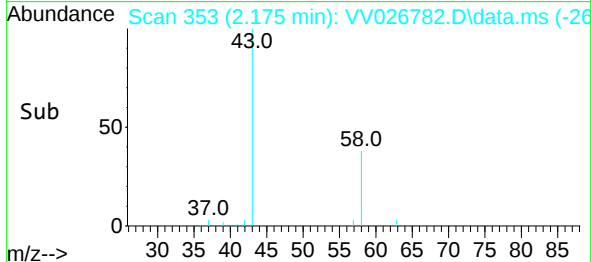
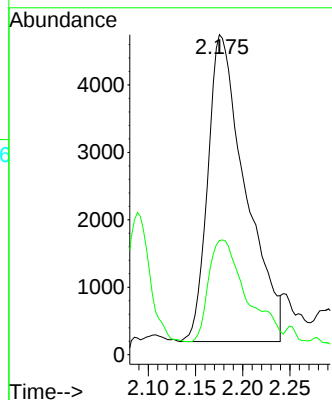
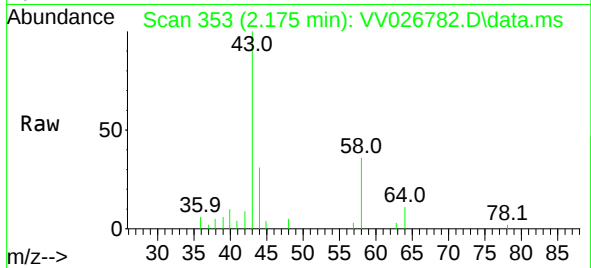




#13
Acetone
Concen: 4.361 ug/L
RT: 2.175 min Scan# 31
Delta R.T. -0.016 min
Lab File: VV026782.D
Acq: 14 Jul 2022 17:07

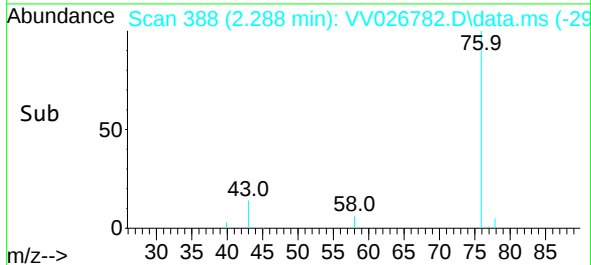
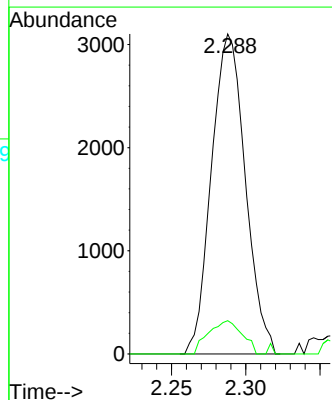
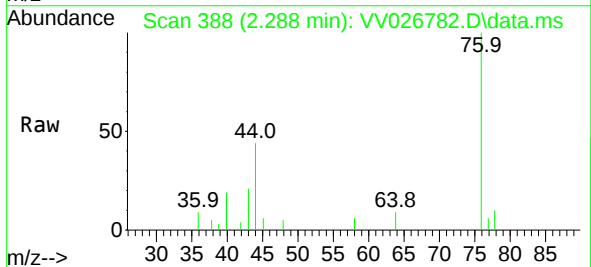
Instrument :
MSVOA_V
ClientSampleId :
C0AQ1

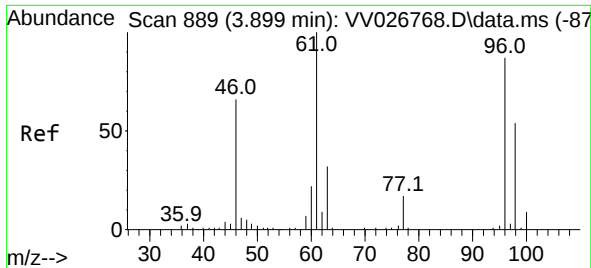
Tgt Ion: 43 Resp: 12620
Ion Ratio Lower Upper
43 100
58 38.5 0.0 20.6#



#14
Carbon disulfide
Concen: 0.079 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.006 min
Lab File: VV026782.D
Acq: 14 Jul 2022 17:07

Tgt Ion: 76 Resp: 4920
Ion Ratio Lower Upper
76 100
78 10.4 7.7 11.5

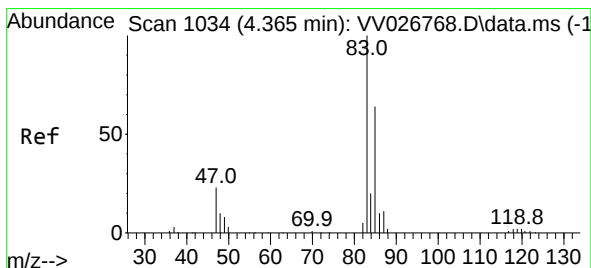
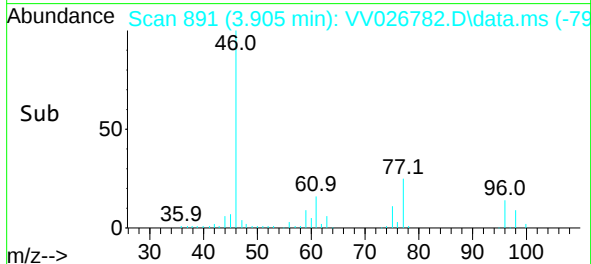
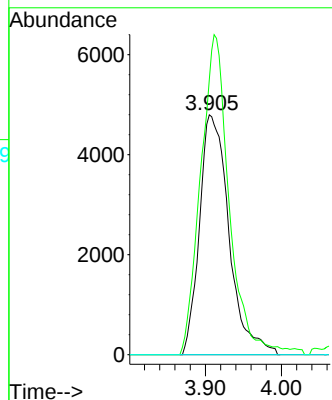
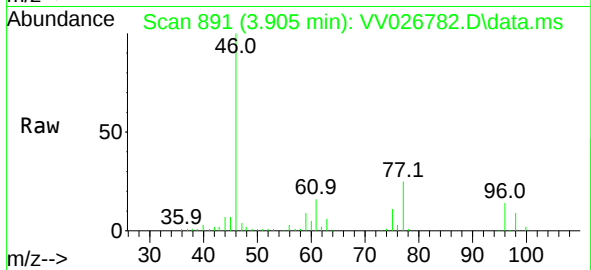




#22
 cis-1,2-Dichloroethene
 Concen: 0.659 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV026782.D
 Acq: 14 Jul 2022 17:07

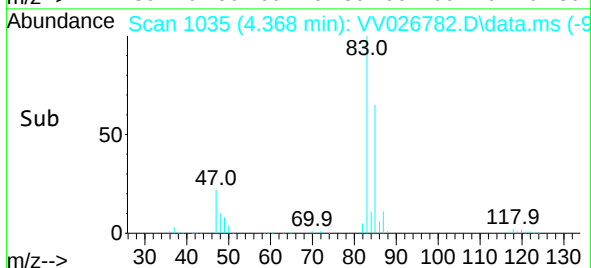
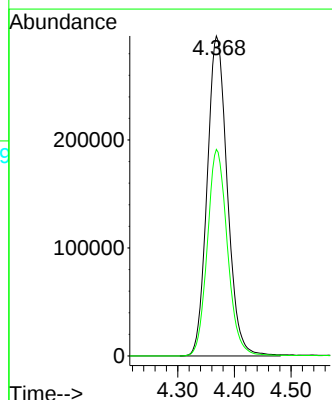
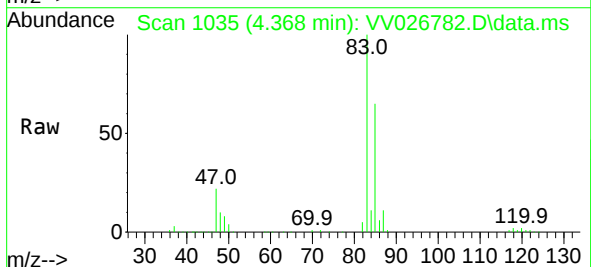
Instrument :
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 ClientSampleId :
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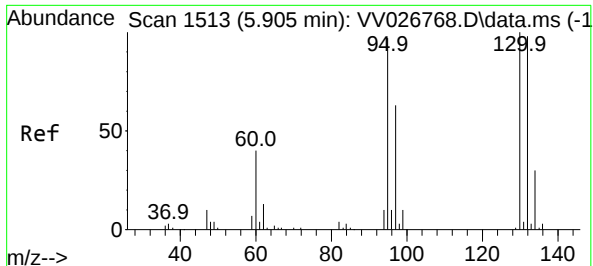
Tgt Ion: 96 Resp: 12929
 Ion Ratio Lower Upper
 96 100
 61 114.8 83.9 155.9
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 19.669 ug/L
 RT: 4.368 min Scan# 1035
 Delta R.T. 0.003 min
 Lab File: VV026782.D
 Acq: 14 Jul 2022 17:07

Tgt Ion: 83 Resp: 732283
 Ion Ratio Lower Upper
 83 100
 85 64.6 45.7 84.9



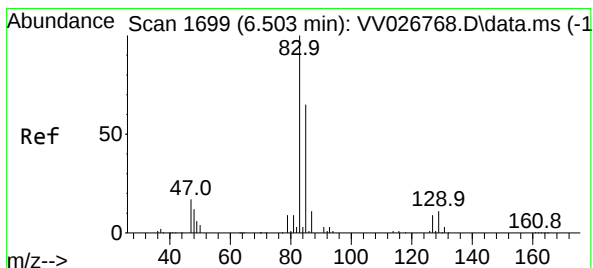
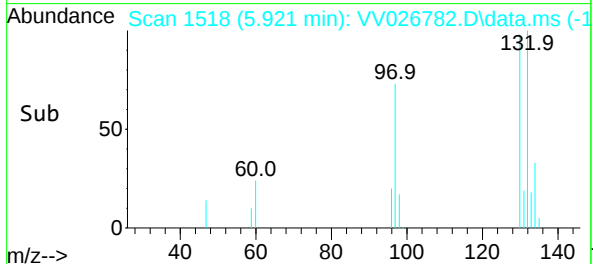
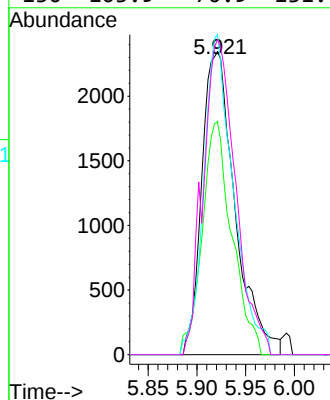
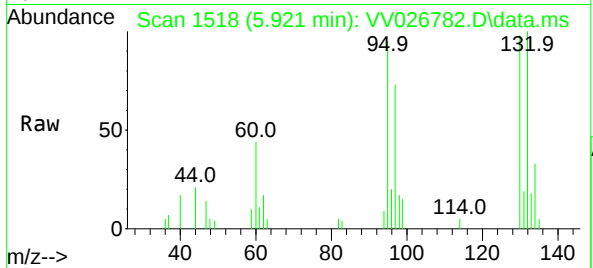


#34
Trichloroethene
Concen: 0.273 ug/L
RT: 5.921 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV026782.D
Acq: 14 Jul 2022 17:07

Instrument :
MSVOA_V
ClientSampleId :
C0AQ1

Tgt Ion: 95 Resp: 5572

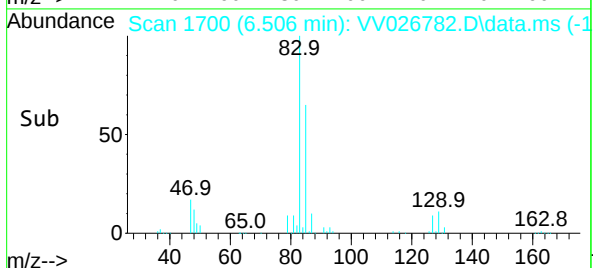
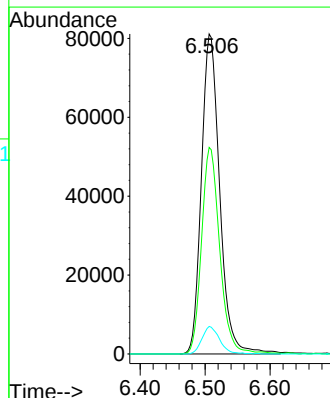
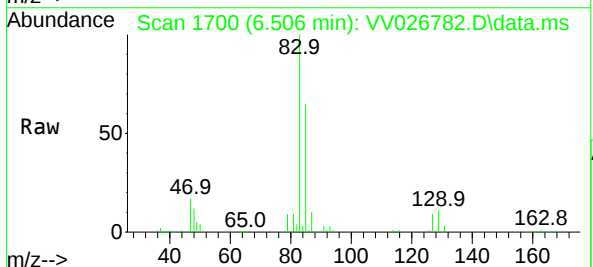
Ion	Ratio	Lower	Upper
95	100		
97	76.9	44.6	82.8
132	105.6	70.2	130.4
130	103.9	70.9	131.7

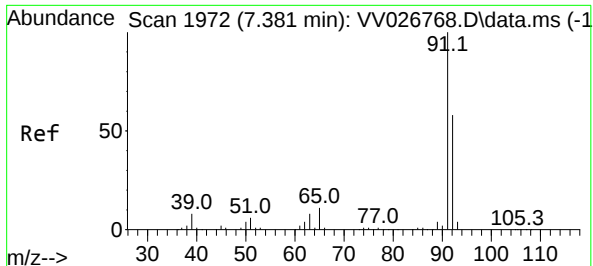


#38
Bromodichloromethane
Concen: 6.155 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. 0.003 min
Lab File: VV026782.D
Acq: 14 Jul 2022 17:07

Tgt Ion: 83 Resp: 159250

Ion	Ratio	Lower	Upper
83	100		
85	64.5	45.4	84.4
127	8.6	6.6	10.0

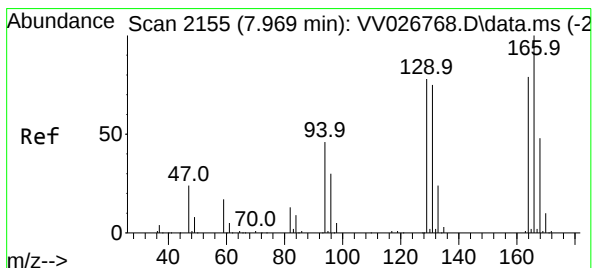
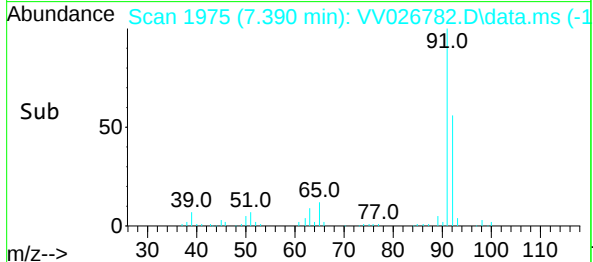
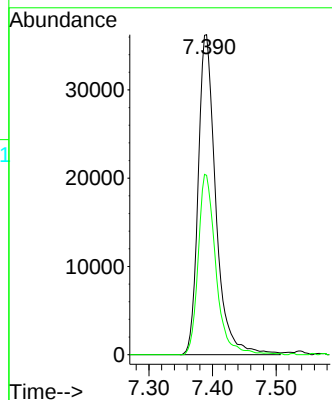
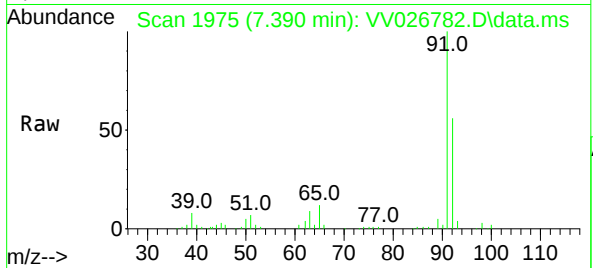




#42
Toluene
Concen: 0.831 ug/L
RT: 7.390 min Scan# 1972
Delta R.T. 0.010 min
Lab File: VV026782.D
Acq: 14 Jul 2022 17:07

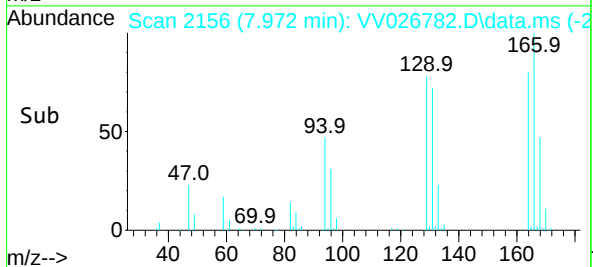
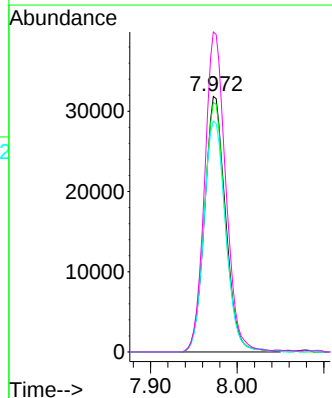
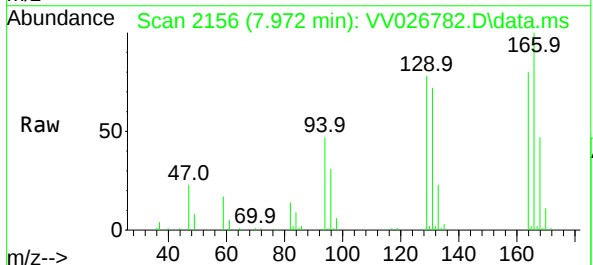
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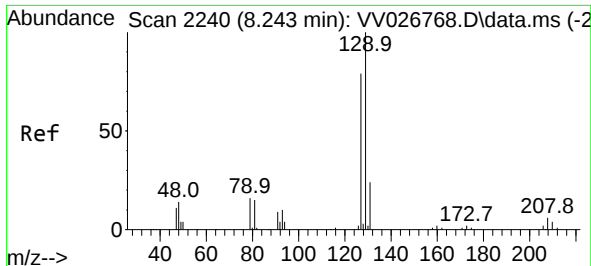
Tgt Ion: 91 Resp: 69678
Ion Ratio Lower Upper
91 100
92 56.1 40.2 74.6



#47
Tetrachloroethene
Concen: 3.353 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV026782.D
Acq: 14 Jul 2022 17:07

Tgt Ion: 164 Resp: 53647
Ion Ratio Lower Upper
164 100
129 97.6 67.8 125.8
131 90.4 65.9 122.5
166 125.2 88.8 164.8

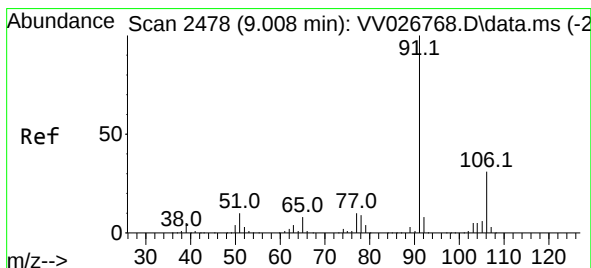
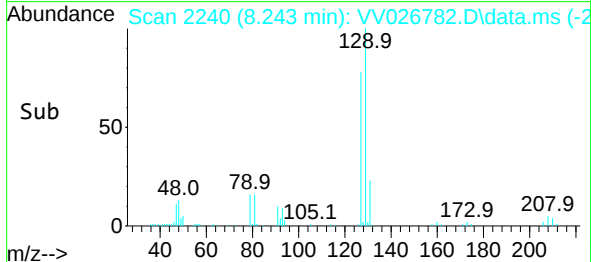
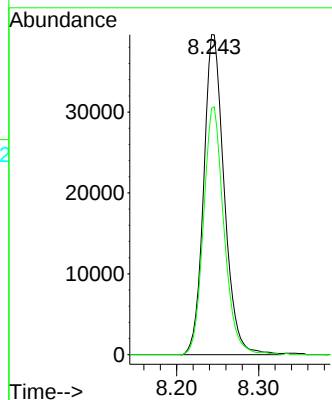
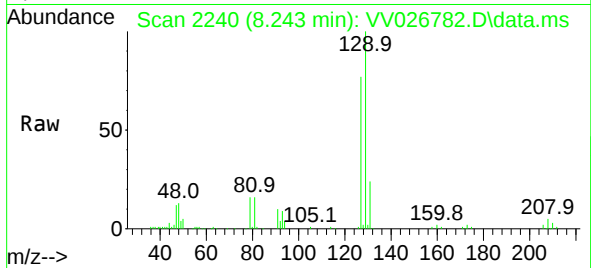




#49
Dibromochloromethane
Concen: 4.118 ug/L
RT: 8.243 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026782.D
Acq: 14 Jul 2022 17:07

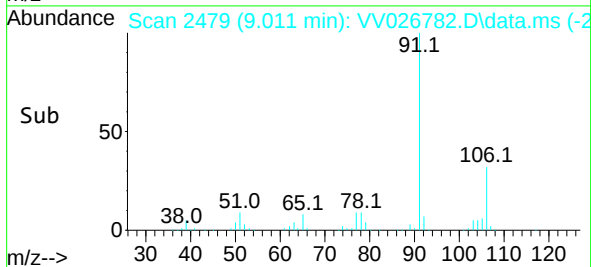
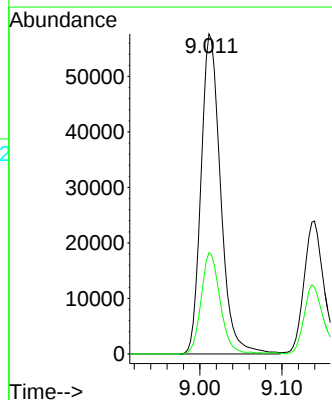
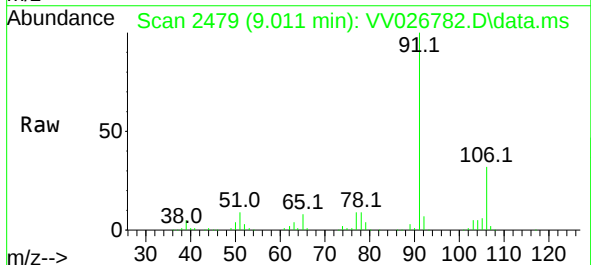
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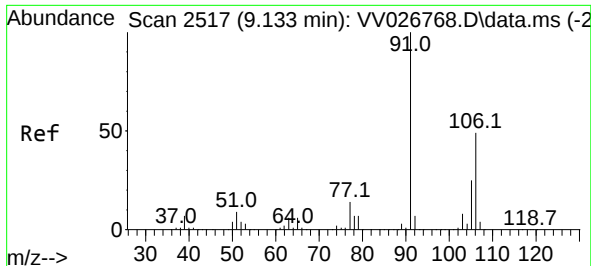
Tgt Ion:129 Resp: 68851
Ion Ratio Lower Upper
129 100
127 77.0 55.7 103.5



#52
Ethylbenzene
Concen: 1.151 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV026782.D
Acq: 14 Jul 2022 17:07

Tgt Ion: 91 Resp: 95454
Ion Ratio Lower Upper
91 100
106 31.7 21.6 40.2

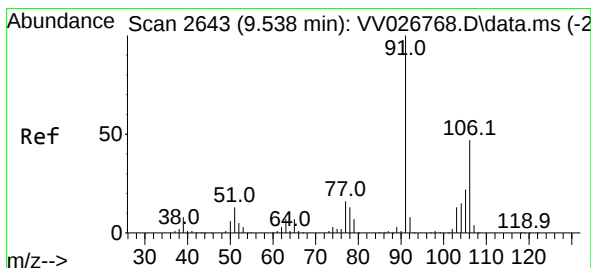
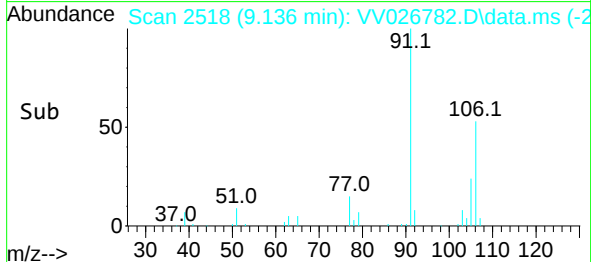
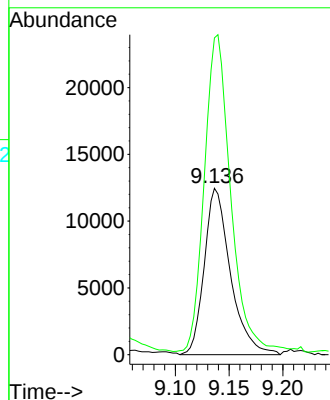
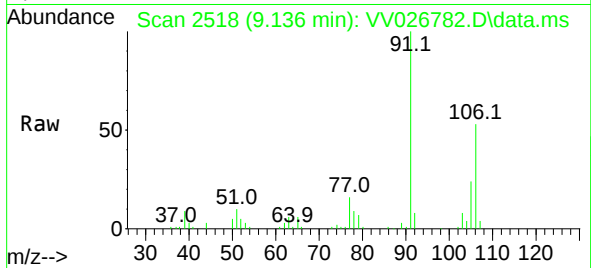




#53
m,p-Xylene
Concen: 0.656 ug/L
RT: 9.136 min Scan# 21163
Delta R.T. 0.003 min
Lab File: VV026782.D
Acq: 14 Jul 2022 17:07

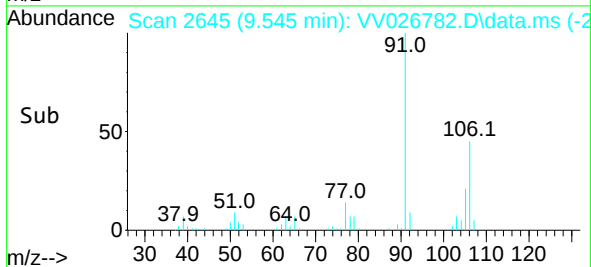
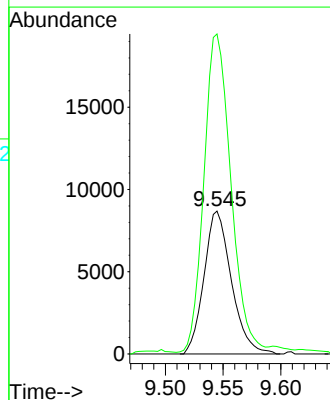
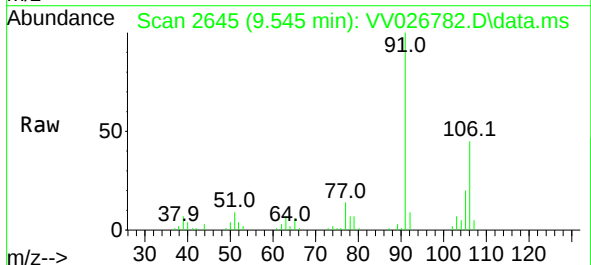
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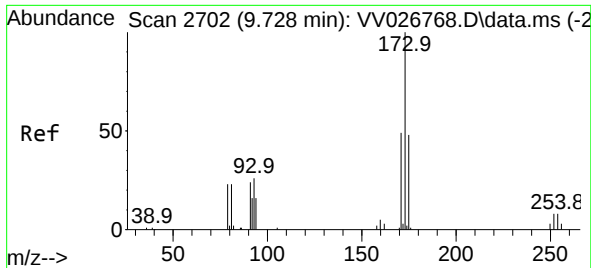
Tgt Ion:106 Resp: 21163
Ion Ratio Lower Upper
106 100
91 190.3 139.3 258.7



#54
o-Xylene
Concen: 0.467 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.006 min
Lab File: VV026782.D
Acq: 14 Jul 2022 17:07

Tgt Ion:106 Resp: 14305
Ion Ratio Lower Upper
106 100
91 224.1 151.1 280.7





#59
 Bromoform
 Concen: 3.418 ug/L
 RT: 9.731 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV026782.D
 Acq: 14 Jul 2022 17:07

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ1

Tgt Ion:173 Resp: 22872
 Ion Ratio Lower Upper
 173 100
 175 50.5 40.7 61.1
 254 8.5 6.5 9.7

