

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081222\
 Data File : VV027345.D
 Acq On : 12 Aug 2022 22:55
 Operator : SY/MD
 Sample : N4133-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5D83

Quant Time: Aug 13 04:18:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 13 02:46:03 2022
 Response via : Initial Calibration

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

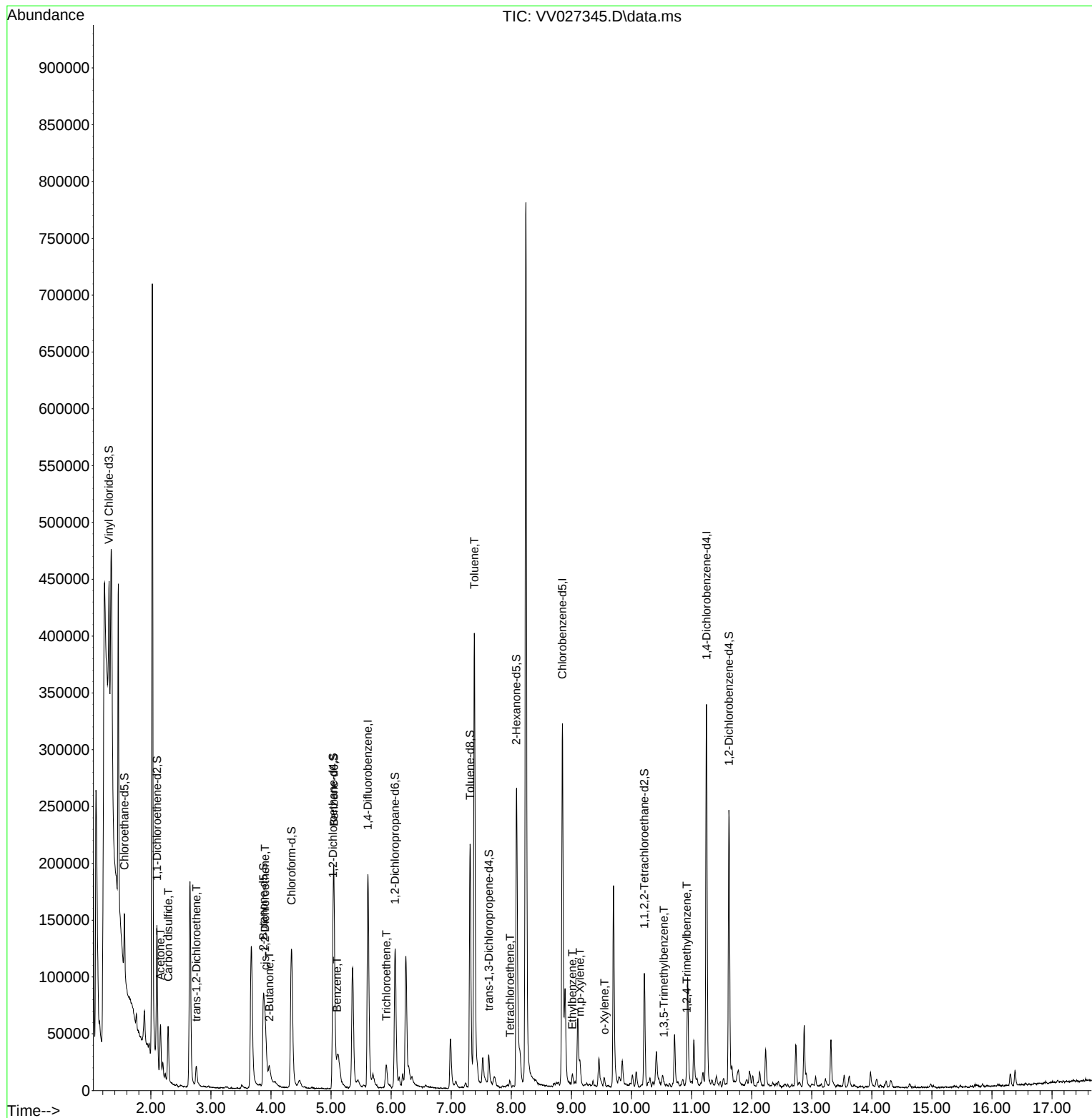
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	157866	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	170924	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	85159	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	49303	3.595	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	71.800%	
7) Chloroethane-d5	1.561	69	38513	3.866	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	77.400%	
11) 1,1-Dichloroethene-d2	2.101	63	60548	2.434	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	48.600%#	
20) 2-Butanone-d5	3.873	46	130760	56.294	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	112.580%	
24) Chloroform-d	4.342	84	100846	4.009	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.200%	
26) 1,2-Dichloroethane-d4	5.030	65	49280	4.112	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.200%	
32) Benzene-d6	5.046	84	172160	3.414	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	68.200%#	
36) 1,2-Dichloropropane-d6	6.066	67	58873	3.776	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	75.600%	
41) Toluene-d8	7.313	98	147821	3.202	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	64.000%#	
43) trans-1,3-Dichloroprop...	7.625	79	16323	3.023	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	60.400%	
46) 2-Hexanone-d5	8.085	63	89887	43.012	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.020%	
56) 1,1,2,2-Tetrachloroeth...	10.213	84	47766	4.235	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	84.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	60621	4.124	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	82.400%	
Target Compounds						
					Qvalue	
13) Acetone	2.159	43	44061	25.669	ug/L	96
14) Carbon disulfide	2.288	76	58461	1.284	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	6696	0.479	ug/L	95
21) 2-Butanone	3.973	43	25853	11.061	ug/L	97
22) cis-1,2-Dichloroethene	3.902	96	16998	1.236	ug/L	87
33) Benzene	5.098	78	18020	0.308	ug/L	100
34) Trichloroethene	5.918	95	4974	0.342	ug/L	98
42) Toluene	7.384	91	292830	5.024	ug/L	98
47) Tetrachloroethene	7.982	164	1095	0.096	ug/L	94
52) Ethylbenzene	9.017	91	7042	0.120	ug/L	90
53) m,p-Xylene	9.143	106	5500	0.246	ug/L	99
54) o-Xylene	9.551	106	1919	0.088	ug/L	74
62) 1,3,5-Trimethylbenzene	10.538	105	1263	0.085	ug/L	88
63) 1,2,4-Trimethylbenzene	10.918	105	4117	0.097	ug/L	94

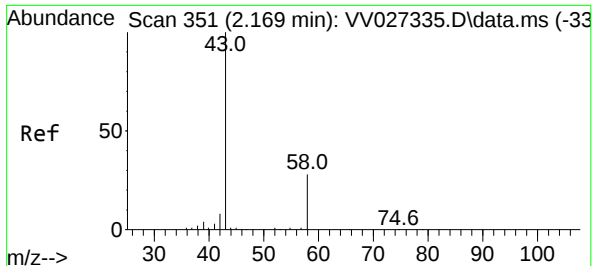
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 25.669 ug/L

RT: 2.159 min Scan# 34

Delta R.T. -0.010 min

Lab File: VV027345.D

Acq: 12 Aug 2022 22:55

Instrument :

MSVOA_V

ClientSampleId :

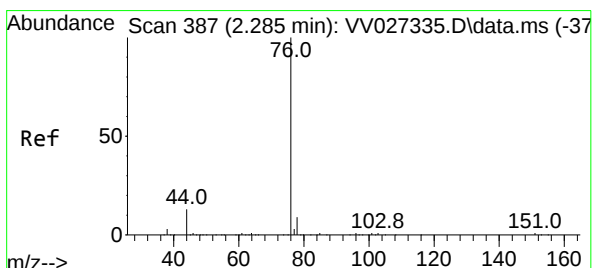
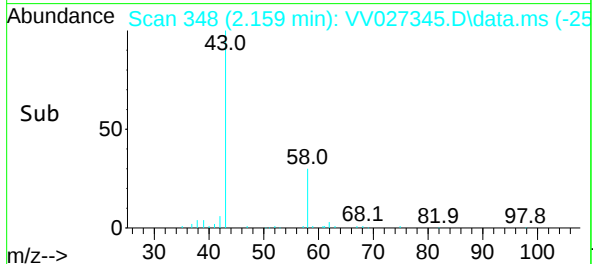
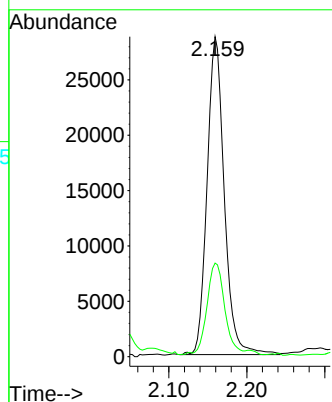
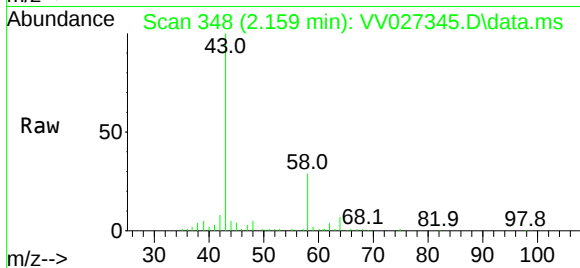
F5D83

Tgt Ion: 43 Resp: 44061

Ion Ratio Lower Upper

43 100

58 29.6 0.0 63.2



#14

Carbon disulfide

Concen: 1.284 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV027345.D

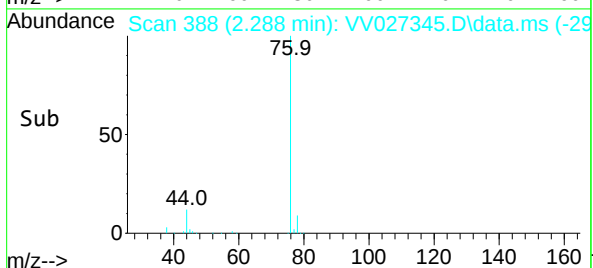
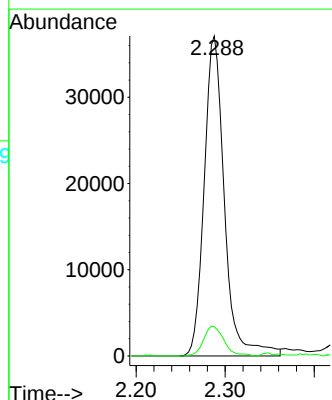
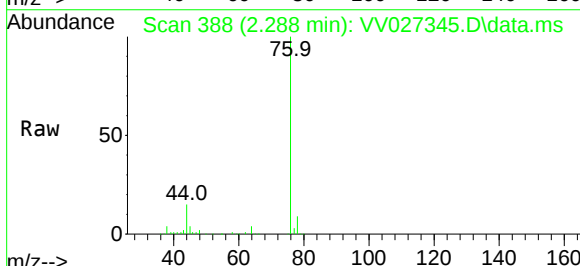
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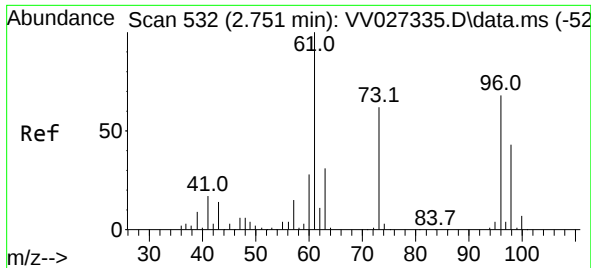
Tgt Ion: 76 Resp: 58461

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8

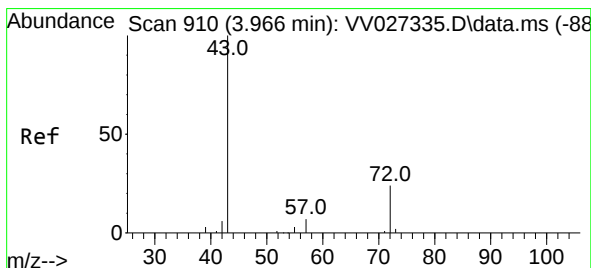
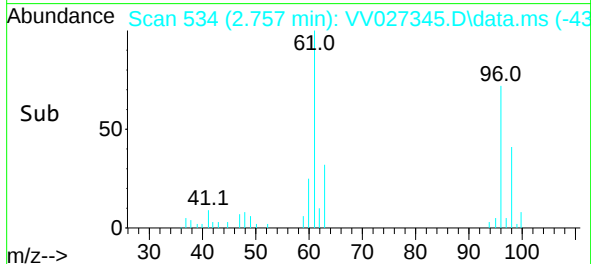
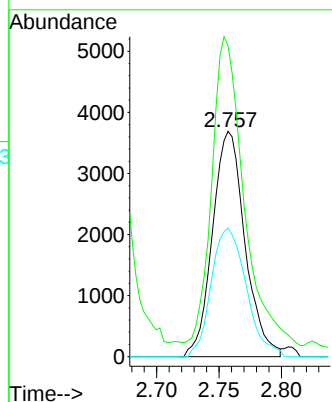
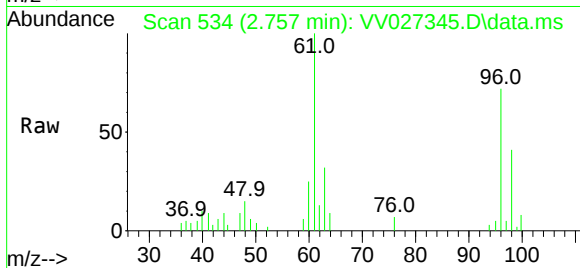




#18
trans-1,2-Dichloroethene
Concen: 0.479 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV027345.D
Acq: 12 Aug 2022 22:55

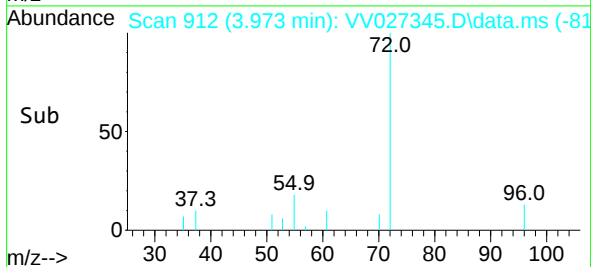
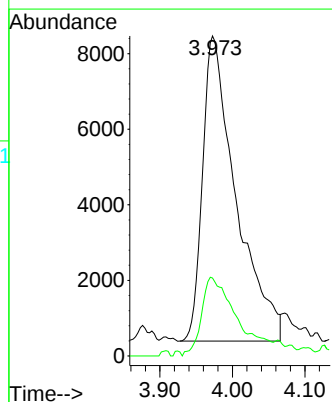
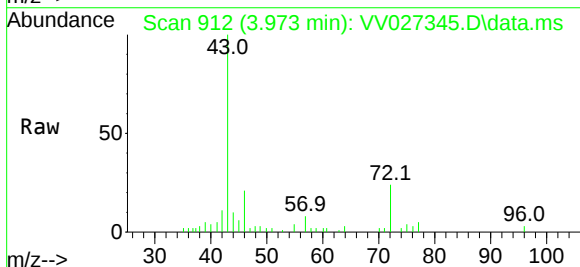
Instrument :
MSVOA_V
ClientSampleId :
F5D83

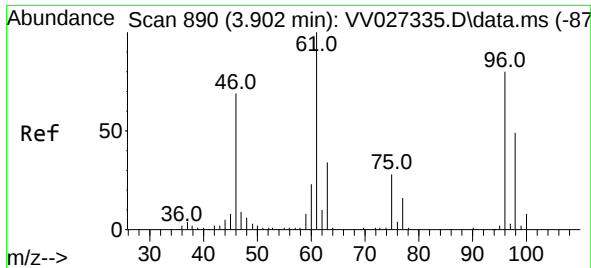
Tgt Ion: 96 Resp: 6696
Ion Ratio Lower Upper
96 100
61 138.1 99.6 185.0
98 57.0 45.1 83.7



#21
2-Butanone
Concen: 11.061 ug/L
RT: 3.973 min Scan# 912
Delta R.T. 0.006 min
Lab File: VV027345.D
Acq: 12 Aug 2022 22:55

Tgt Ion: 43 Resp: 25853
Ion Ratio Lower Upper
43 100
72 27.4 12.9 38.6

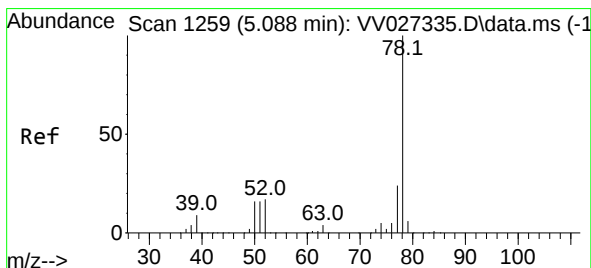
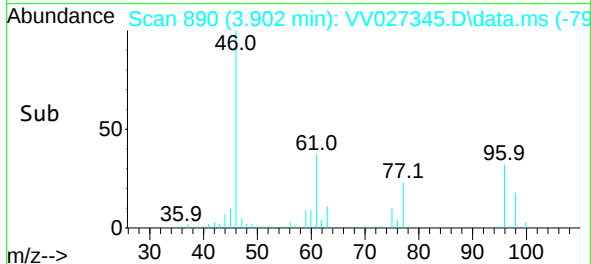
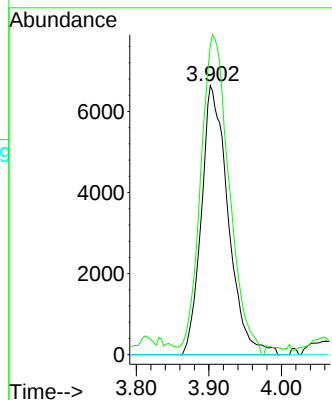
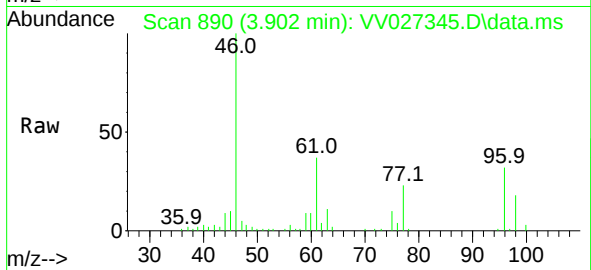




#22
 cis-1,2-Dichloroethene
 Concen: 1.236 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. -0.000 min
 Lab File: VV027345.D
 Acq: 12 Aug 2022 22:55

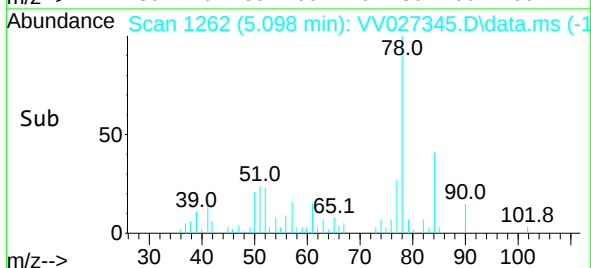
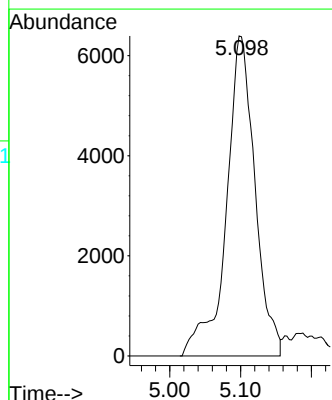
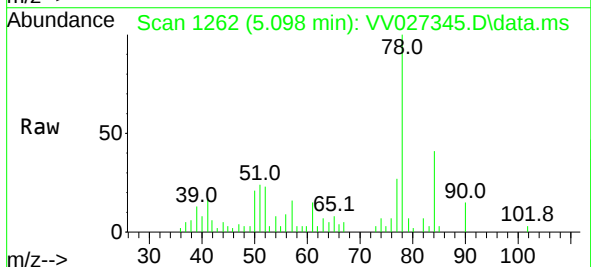
Instrument :
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 ClientSampleId :
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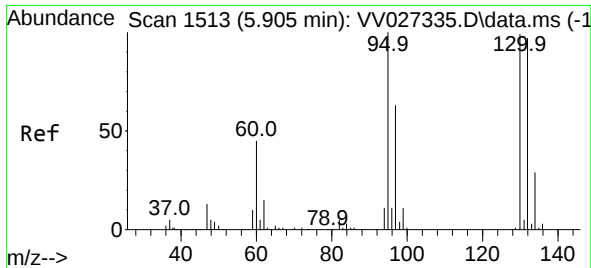
Tgt Ion: 96 Resp: 16998
 Ion Ratio Lower Upper
 96 100
 61 114.9 91.3 169.5
 68 0.0 0.0 0.0



#33
 Benzene
 Concen: 0.308 ug/L
 RT: 5.098 min Scan# 1262
 Delta R.T. 0.009 min
 Lab File: VV027345.D
 Acq: 12 Aug 2022 22:55

Tgt Ion: 78 Resp: 18020

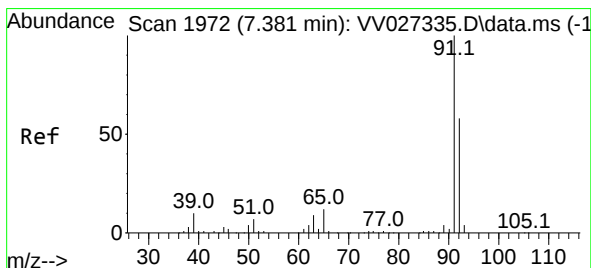
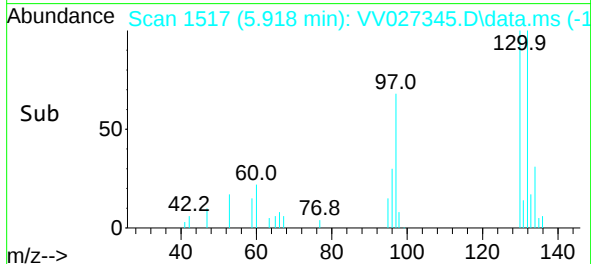
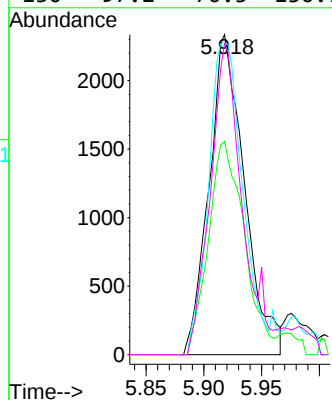
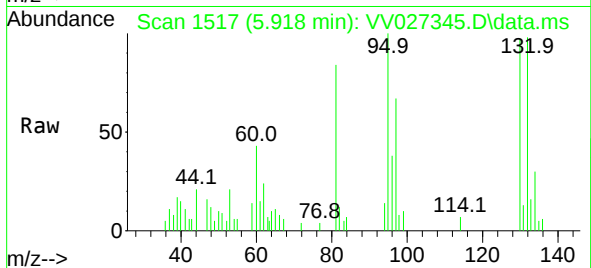




#34
 Trichloroethene
 Concen: 0.342 ug/L
 RT: 5.918 min Scan# 11
 Delta R.T. 0.013 min
 Lab File: VV027345.D
 Acq: 12 Aug 2022 22:55

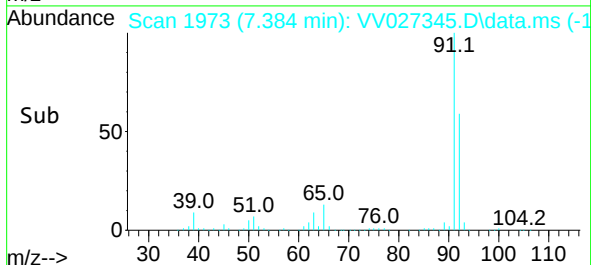
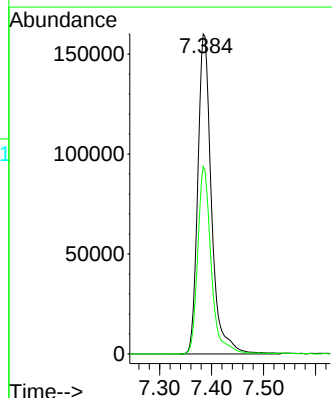
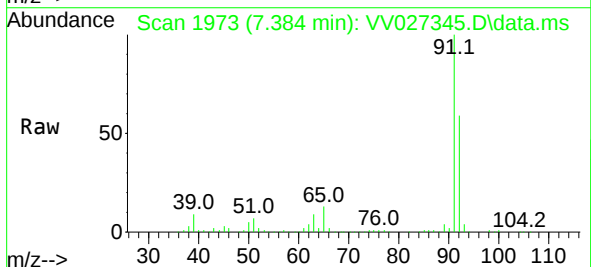
Instrument :
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 ClientSampleId :
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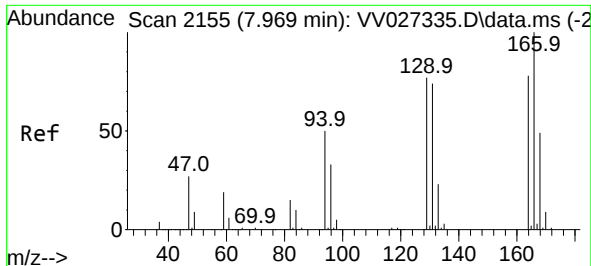
Tgt Ion:	95	Resp:	4974
Ion	Ratio	Lower	Upper
95	100		
97	66.6	45.5	84.5
132	97.5	68.2	126.6
130	97.2	70.3	130.7



#42
 Toluene
 Concen: 5.024 ug/L
 RT: 7.384 min Scan# 1973
 Delta R.T. 0.003 min
 Lab File: VV027345.D
 Acq: 12 Aug 2022 22:55

Tgt Ion:	91	Resp:	292830
Ion	Ratio	Lower	Upper
91	100		
92	58.6	39.9	74.1



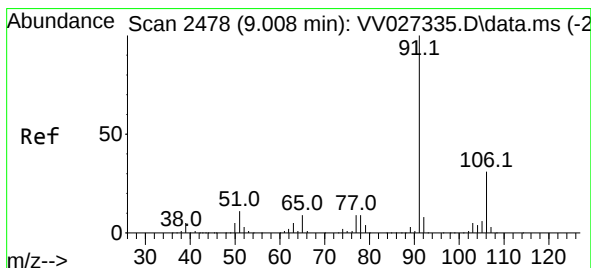
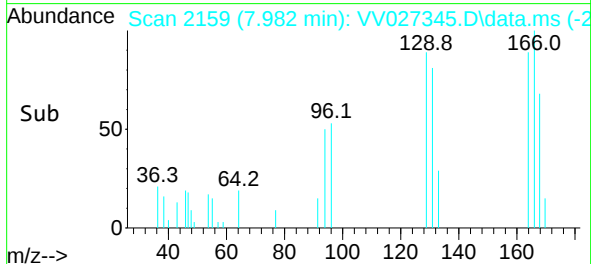
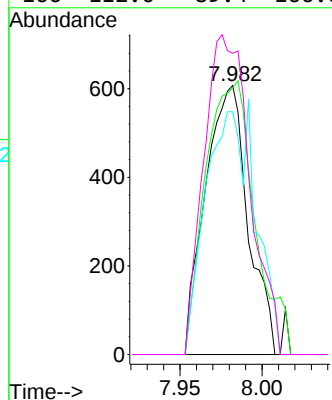
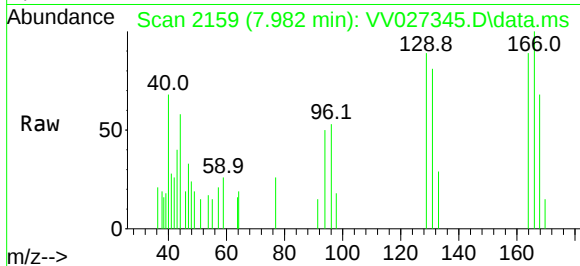


#47
Tetrachloroethene
Concen: 0.096 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.013 min
Lab File: VV027345.D
Acq: 12 Aug 2022 22:55

Instrument :
MSVOA_V
ClientSampleId :
F5D83

Tgt Ion:164 Resp: 1095

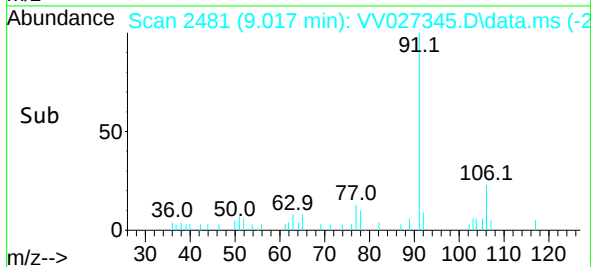
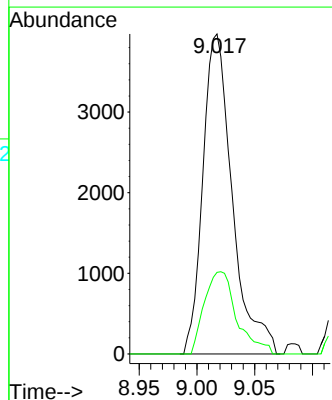
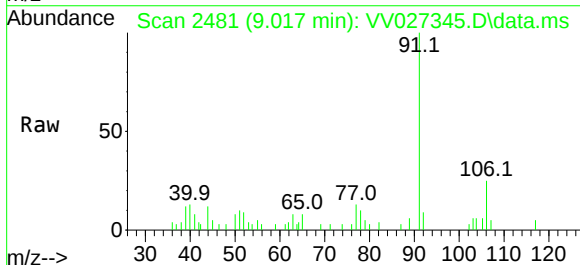
Ion	Ratio	Lower	Upper
164	100		
129	99.2	69.0	128.1
131	90.3	64.7	120.1
166	112.0	89.4	166.0

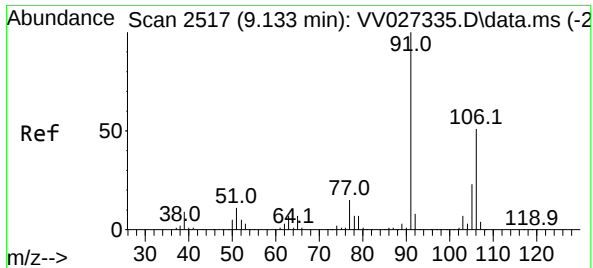


#52
Ethylbenzene
Concen: 0.120 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.009 min
Lab File: VV027345.D
Acq: 12 Aug 2022 22:55

Tgt Ion: 91 Resp: 7042

Ion	Ratio	Lower	Upper
91	100		
106	25.5	21.5	39.9

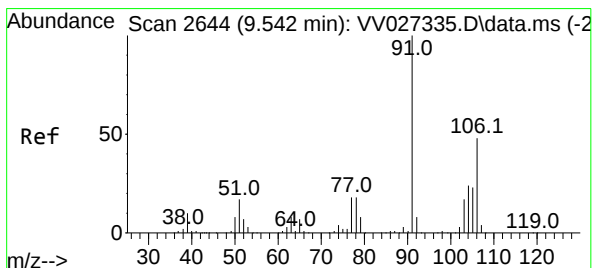
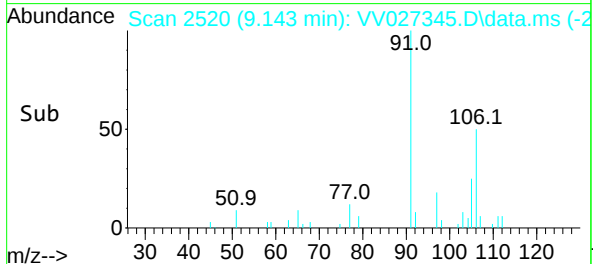
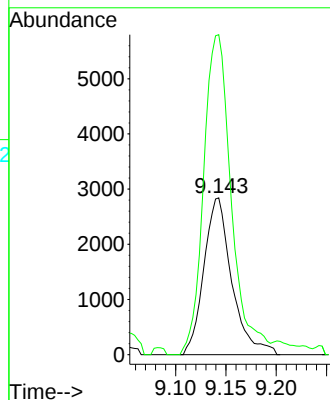
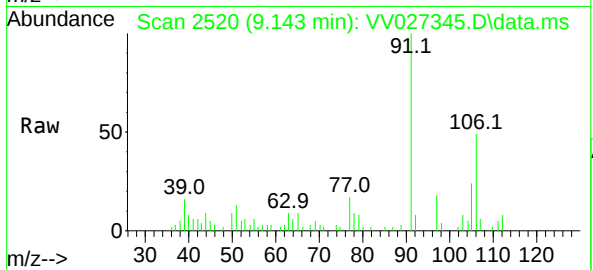




#53
m,p-Xylene
Concen: 0.246 ug/L
RT: 9.143 min Scan# 21
Delta R.T. 0.009 min
Lab File: VV027345.D
Acq: 12 Aug 2022 22:55

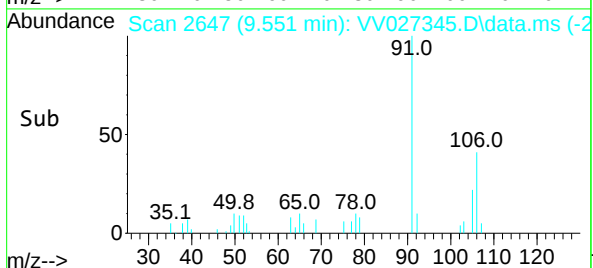
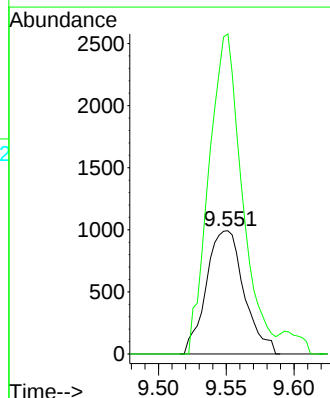
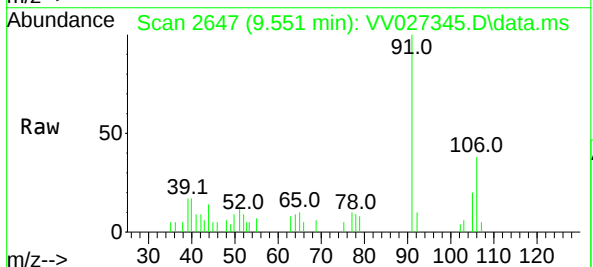
Instrument :
MSVOA_V
ClientSampleId :
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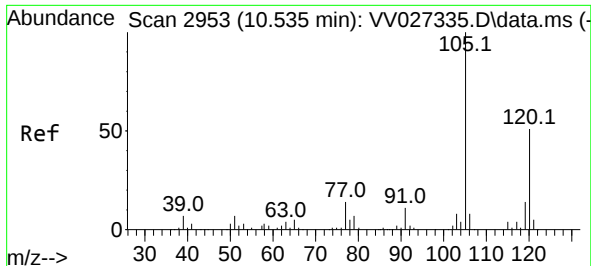
Tgt Ion:106 Resp: 5500
Ion Ratio Lower Upper
106 100
91 204.0 141.5 262.9



#54
o-Xylene
Concen: 0.088 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.009 min
Lab File: VV027345.D
Acq: 12 Aug 2022 22:55

Tgt Ion:106 Resp: 1919
Ion Ratio Lower Upper
106 100
91 259.8 153.2 284.4





#62

1,3,5-Trimethylbenzene

Concen: 0.085 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV027345.D

Acq: 12 Aug 2022 22:55

Instrument :

MSVOA_V

ClientSampleId :

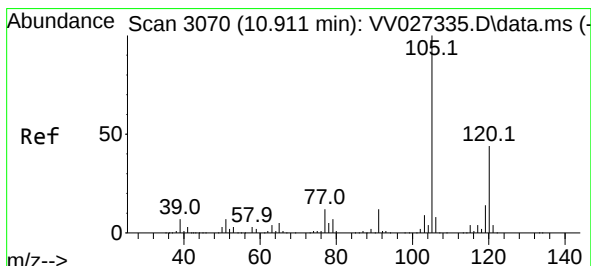
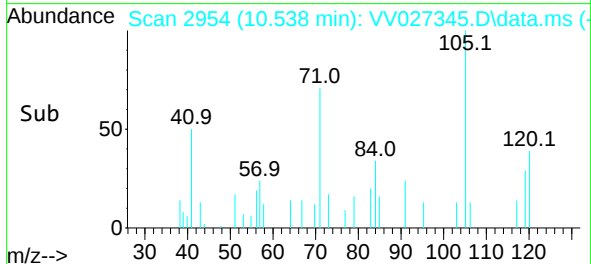
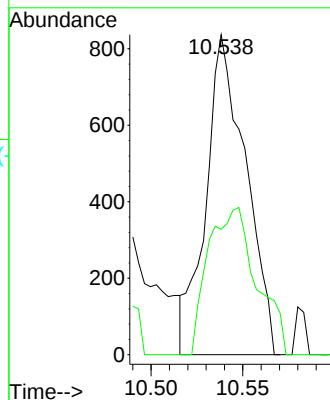
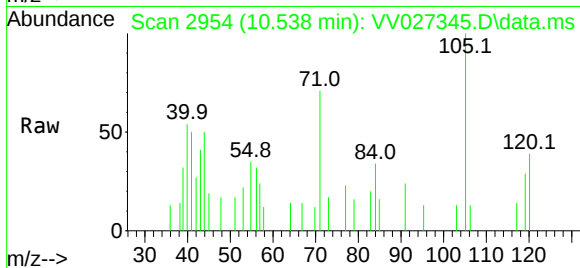
F5D83

Tgt Ion:105 Resp: 1263

Ion Ratio Lower Upper

105 100

120 56.1 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 0.097 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.006 min

Lab File: VV027345.D

Acq: 12 Aug 2022 22:55

Tgt Ion:105 Resp: 4117

Ion Ratio Lower Upper

105 100

120 49.0 36.2 54.2

