

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082922\
 Data File : VV027568.D
 Acq On : 29 Aug 2022 17:34
 Operator : SY/MD
 Sample : N4366-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5F16

Quant Time: Aug 30 04:19:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 27 03:12:26 2022
 Response via : Initial Calibration

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

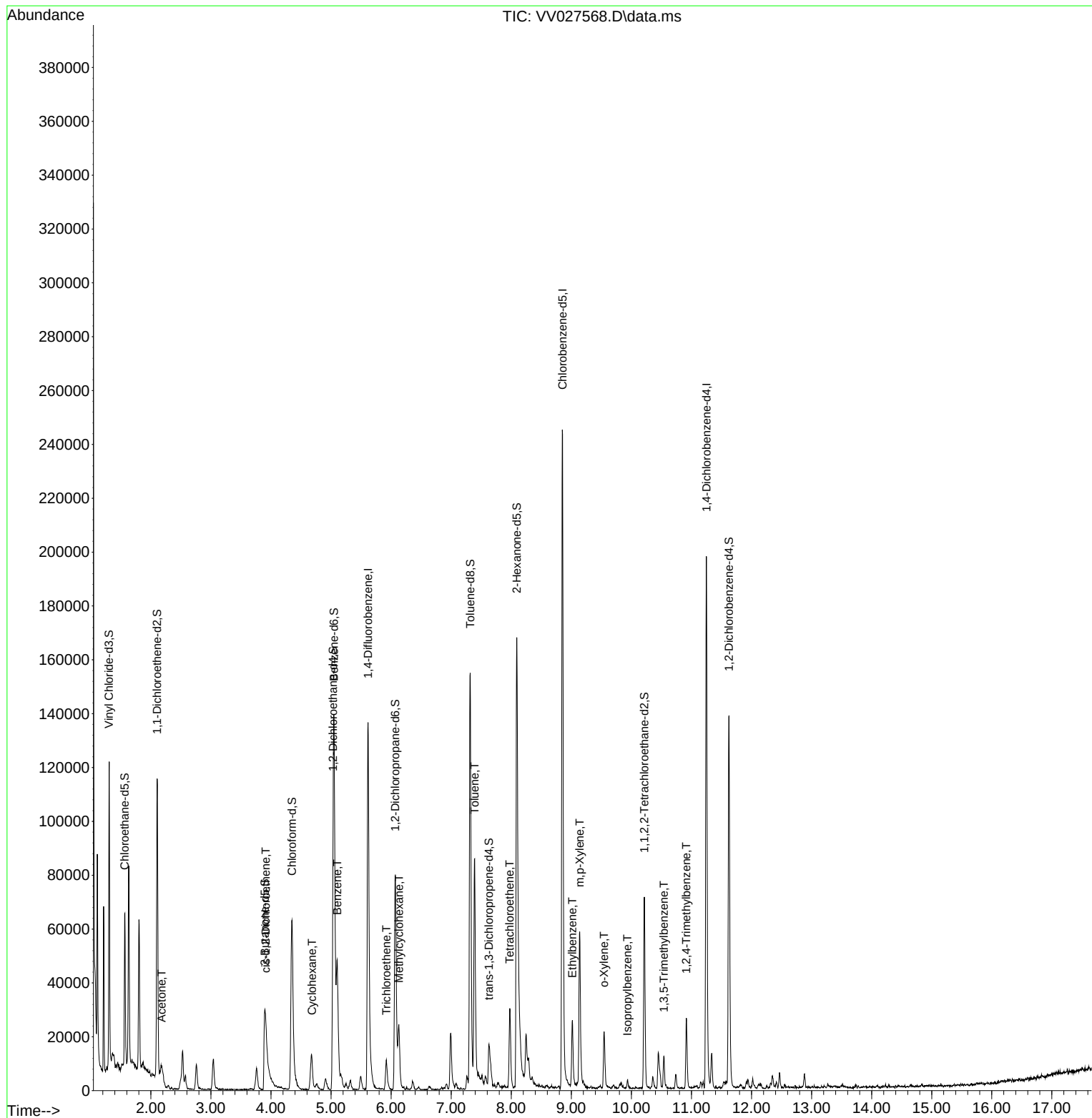
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	120964	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	138907	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51713	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34196	3.972	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.400%
7) Chloroethane-d5	1.564	69	36601	5.809	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.200%
11) 1,1-Dichloroethene-d2	2.105	63	58911	2.935	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.600%#
20) 2-Butanone-d5	3.895	46	56306	52.554	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.100%
24) Chloroform-d	4.349	84	67775	3.937	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
26) 1,2-Dichloroethane-d4	5.034	65	35682	4.791	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.050	84	129495	3.366	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.400%#
36) 1,2-Dichloropropane-d6	6.069	67	39114	3.497	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	70.000%
41) Toluene-d8	7.317	98	107346	3.090	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	61.800%#
43) trans-1,3-Dichloroprop...	7.628	79	10659	2.783	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	55.600%
46) 2-Hexanone-d5	8.091	63	56759	45.019	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.040%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32972	4.629	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	36360	4.743	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						Qvalue
13) Acetone	2.178	43	4533	4.430	ug/L	85
22) cis-1,2-Dichloroethene	3.912	96	1320	0.131	ug/L	87
30) Cyclohexane	4.683	56	5512	0.337	ug/L #	92
33) Benzene	5.101	78	45682	0.989	ug/L	100
34) Trichloroethene	5.921	95	3896	0.321	ug/L	83
35) Methylcyclohexane	6.130	83	8799	0.515	ug/L	92
42) Toluene	7.390	91	66143	1.387	ug/L	100
47) Tetrachloroethene	7.976	164	6627	0.700	ug/L	97
52) Ethylbenzene	9.014	91	16964	0.349	ug/L	99
53) m,p-Xylene	9.140	106	16334	0.877	ug/L	95
54) o-Xylene	9.545	106	5280	0.292	ug/L	94
60) Isopropylbenzene	9.934	105	1872	0.055	ug/L	93
62) 1,3,5-Trimethylbenzene	10.538	105	5989	0.635	ug/L	97
63) 1,2,4-Trimethylbenzene	10.914	105	13865	0.522	ug/L	99

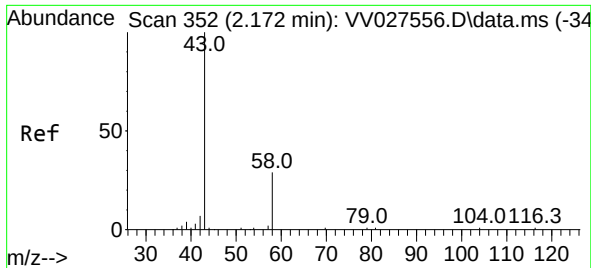
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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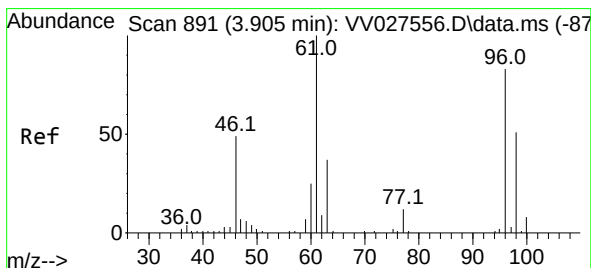
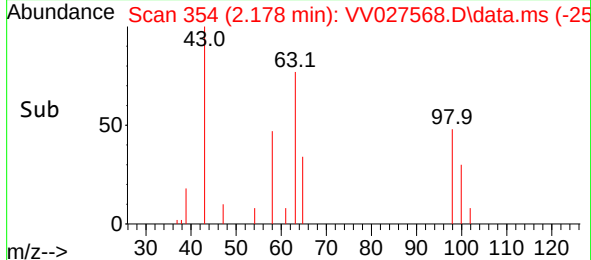
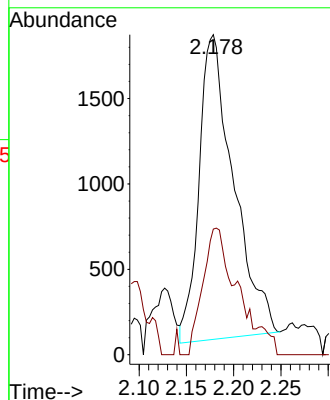
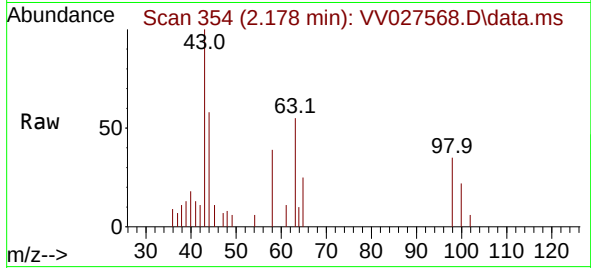




#13
Acetone
Concen: 4.430 ug/L
RT: 2.178 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV027568.D
Acq: 29 Aug 2022 17:34

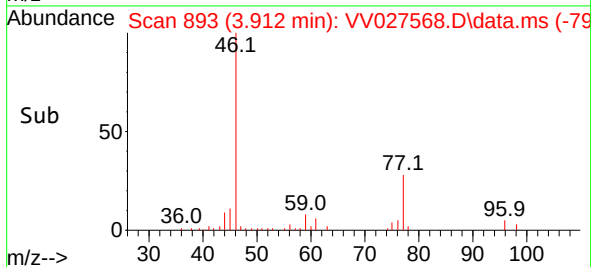
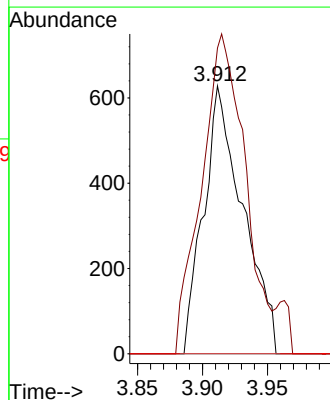
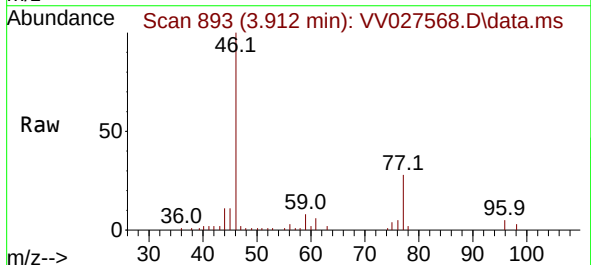
Instrument :
MSVOA_V
ClientSampleId :
F5F16

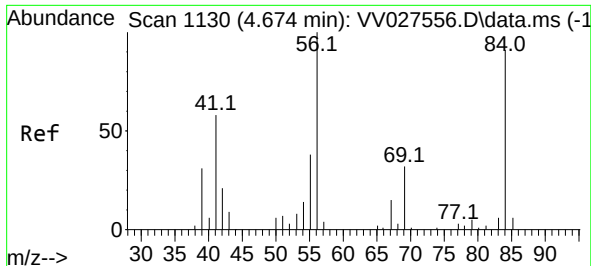
Tgt Ion: 43 Resp: 4533
Ion Ratio Lower Upper
43 100
58 39.1 0.0 62.2



#22
cis-1,2-Dichloroethene
Concen: 0.131 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.006 min
Lab File: VV027568.D
Acq: 29 Aug 2022 17:34

Tgt Ion: 96 Resp: 1320
Ion Ratio Lower Upper
96 100
61 114.2 90.6 168.2
68 0.0 0.0 0.0

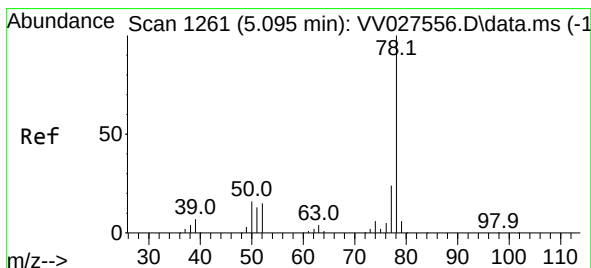
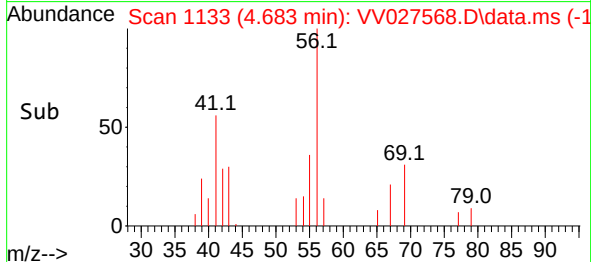
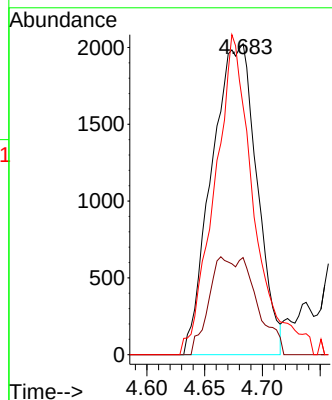
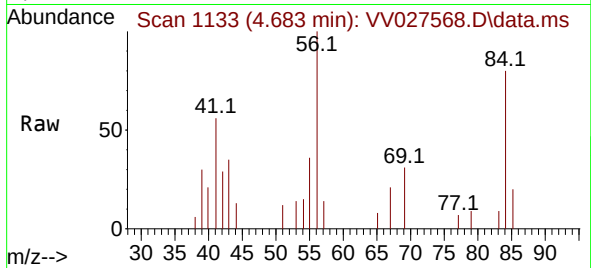




#30
Cyclohexane
Concen: 0.337 ug/L
RT: 4.683 min Scan# 1133
Delta R.T. 0.013 min
Lab File: VV027568.D
Acq: 29 Aug 2022 17:34

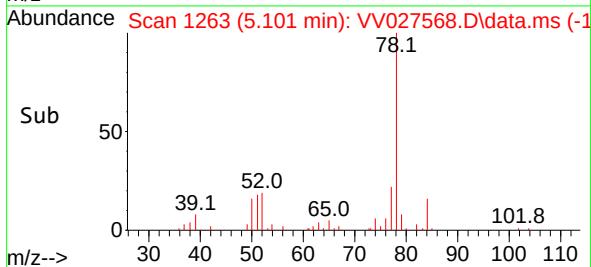
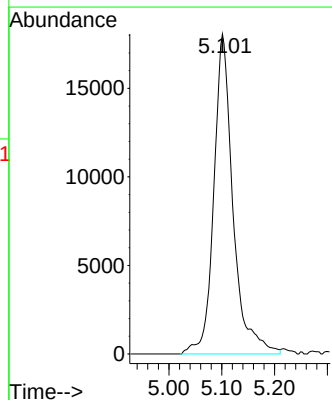
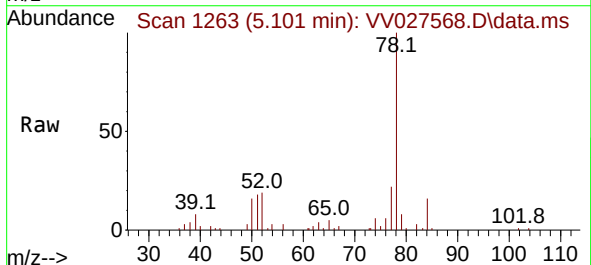
Instrument :
MSVOA_V
ClientSampleId :
F5F16

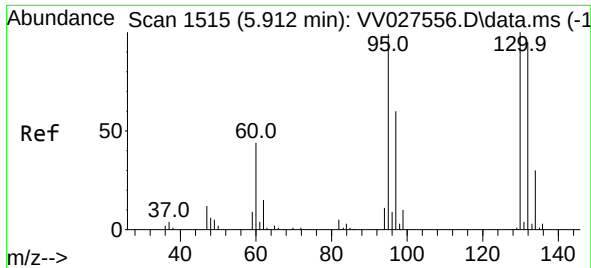
Tgt Ion: 56 Resp: 5512
Ion Ratio Lower Upper
56 100
69 18.1 25.4 38.0#
84 89.4 69.7 104.5



#33
Benzene
Concen: 0.989 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.010 min
Lab File: VV027568.D
Acq: 29 Aug 2022 17:34

Tgt Ion: 78 Resp: 45682

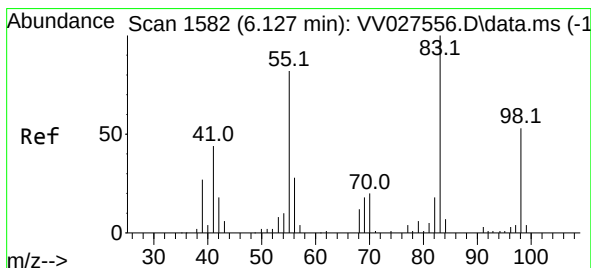
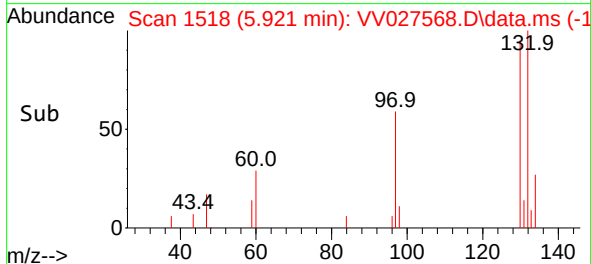
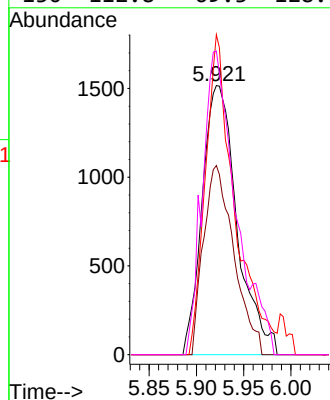
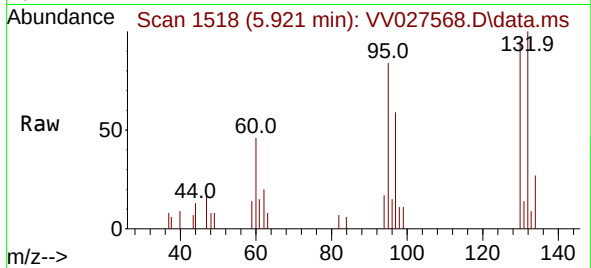




#34
Trichloroethene
Concen: 0.321 ug/L
RT: 5.921 min Scan# 1515
Delta R.T. 0.013 min
Lab File: VV027568.D
Acq: 29 Aug 2022 17:34

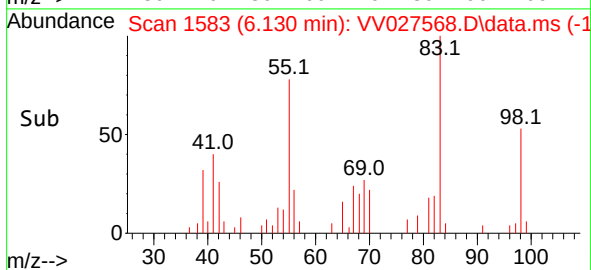
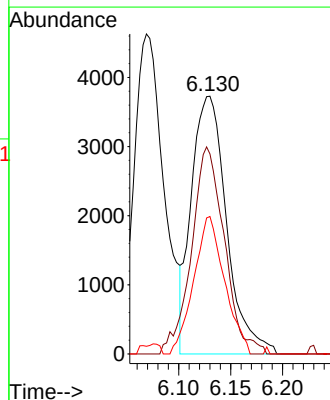
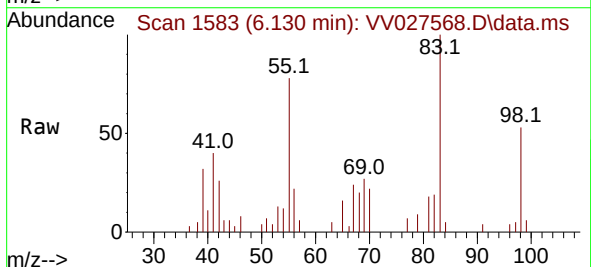
Instrument :
MSVOA_V
ClientSampleId :
F5F16

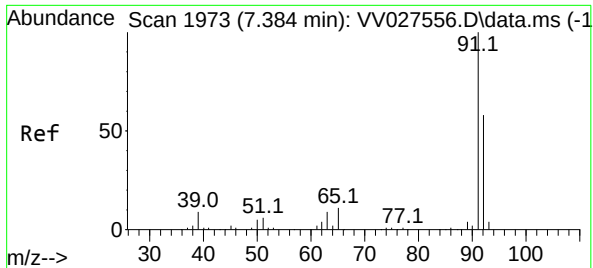
Tgt Ion: 95	Resp: 3896
Ion Ratio	Lower Upper
95 100	
97 70.3	45.0 83.6
132 118.9	65.7 121.9
130 112.8	69.3 128.7



#35
Methylcyclohexane
Concen: 0.515 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV027568.D
Acq: 29 Aug 2022 17:34

Tgt Ion: 83	Resp: 8799
Ion Ratio	Lower Upper
83 100	
55 75.0	68.2 102.4
98 46.6	39.0 58.4





#42

Toluene

Concen: 1.387 ug/L

RT: 7.390 min Scan# 1973

Delta R.T. 0.006 min

Lab File: VV027568.D

Acq: 29 Aug 2022 17:34

Instrument :

MSVOA_V

ClientSampleId :

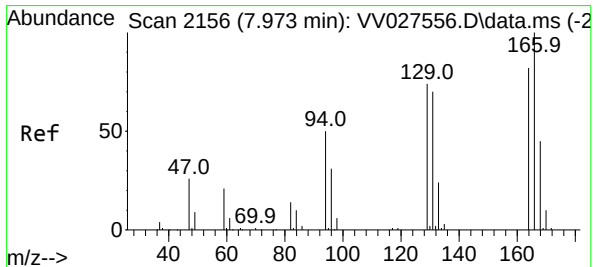
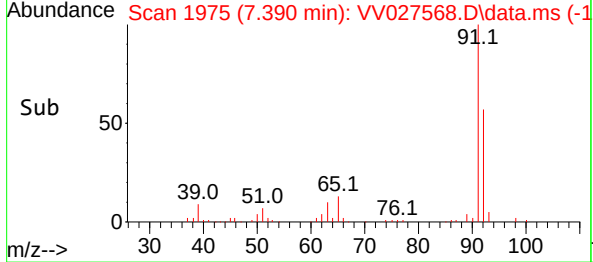
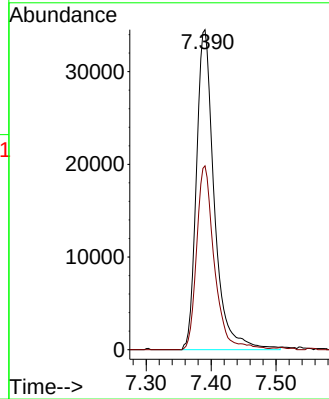
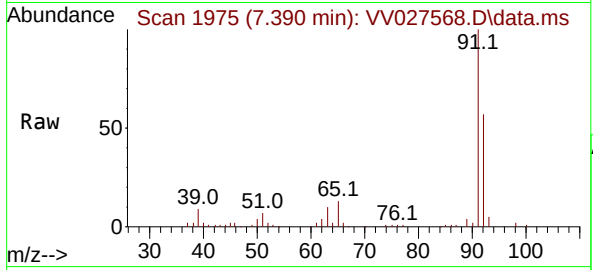
F5F16

Tgt Ion: 91 Resp: 66143

Ion Ratio Lower Upper

91 100

92 57.4 40.4 75.0



#47

Tetrachloroethene

Concen: 0.700 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV027568.D

Acq: 29 Aug 2022 17:34

Tgt Ion: 164 Resp: 6627

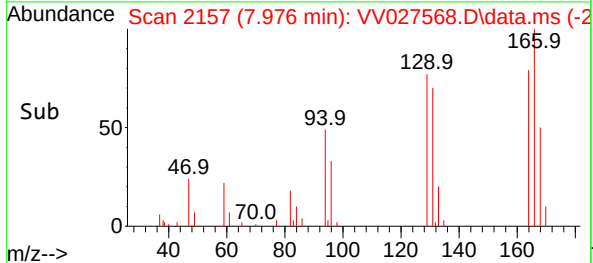
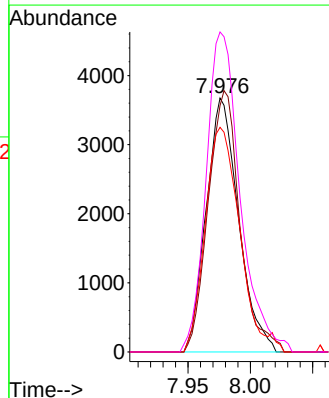
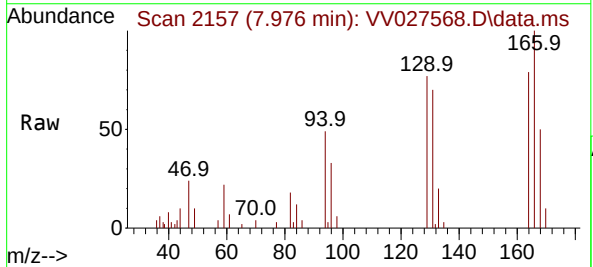
Ion Ratio Lower Upper

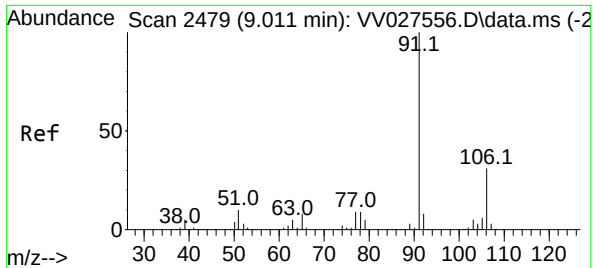
164 100

129 97.1 71.1 132.1

131 88.5 64.5 119.9

166 126.0 89.4 166.0





#52

Ethylbenzene

Concen: 0.349 ug/L

RT: 9.014 min Scan# 2479

Delta R.T. 0.006 min

Lab File: VV027568.D

Acq: 29 Aug 2022 17:34

Instrument :

MSVOA_V

ClientSampleId :

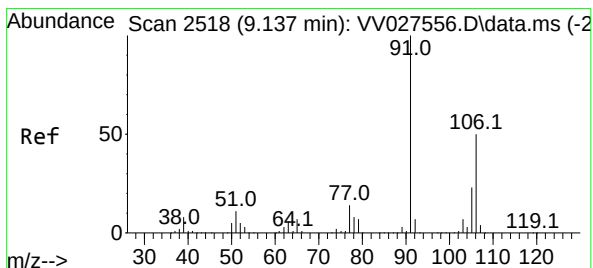
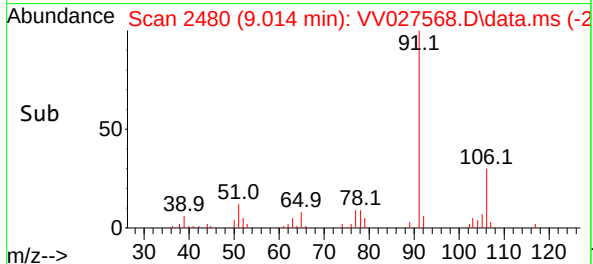
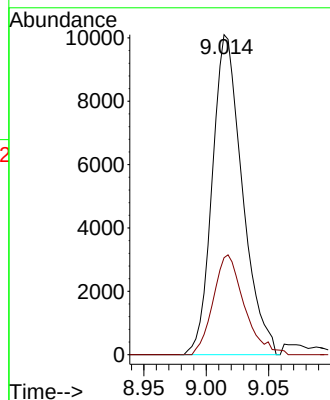
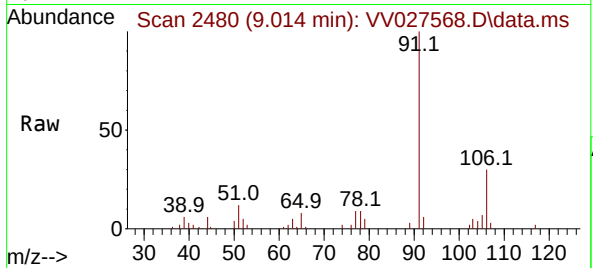
F5F16

Tgt Ion: 91 Resp: 16964

Ion Ratio Lower Upper

91 100

106 30.3 21.4 39.8



#53

m,p-Xylene

Concen: 0.877 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV027568.D

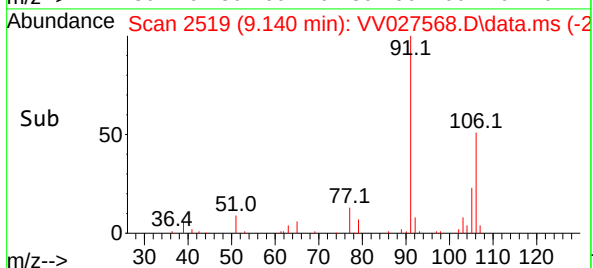
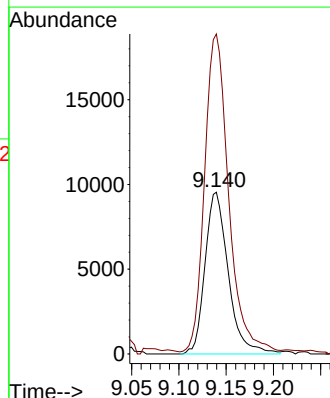
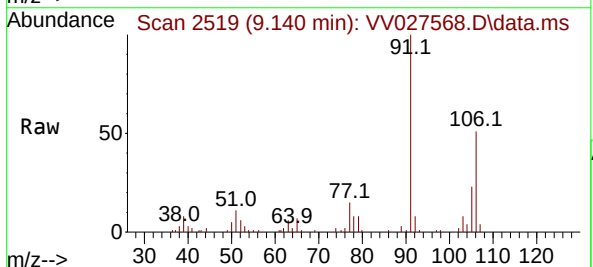
Acq: 29 Aug 2022 17:34

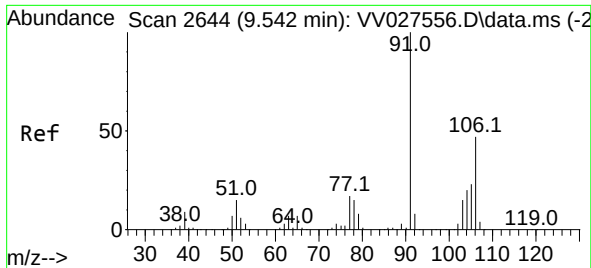
Tgt Ion: 106 Resp: 16334

Ion Ratio Lower Upper

106 100

91 197.8 143.8 267.0

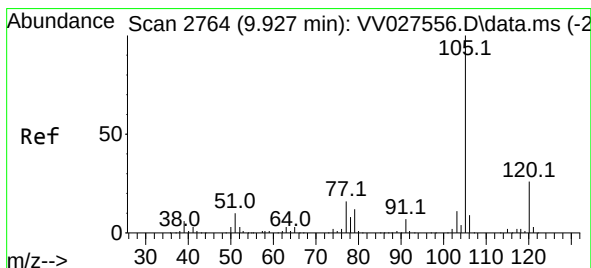
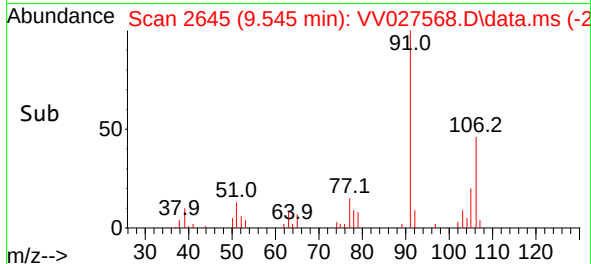
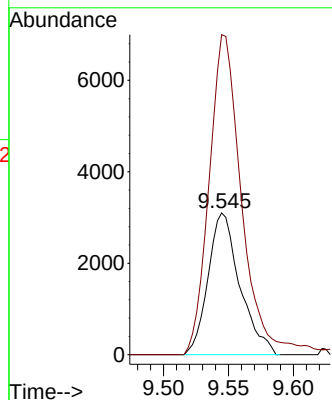
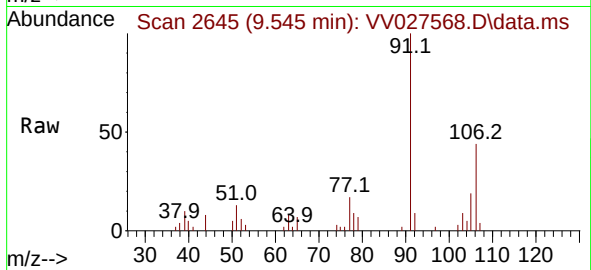




#54
o-Xylene
Concen: 0.292 ug/L
RT: 9.545 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027568.D
Acq: 29 Aug 2022 17:34

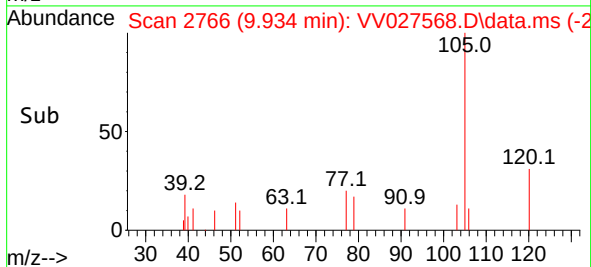
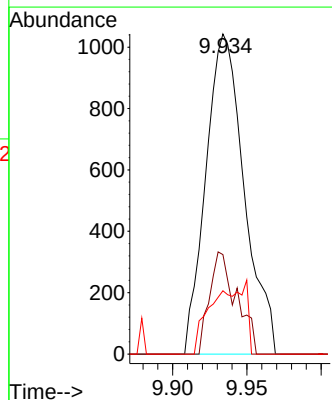
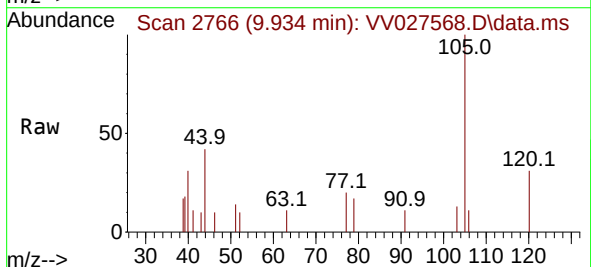
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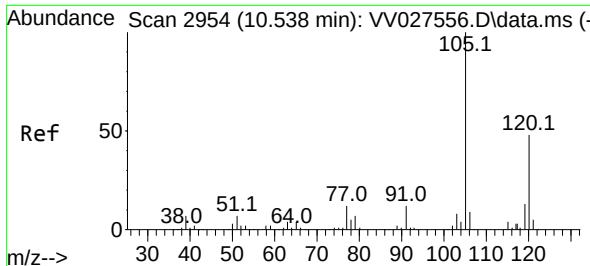
Tgt Ion:106 Resp: 5280
Ion Ratio Lower Upper
106 100
91 225.8 151.6 281.6



#60
Isopropylbenzene
Concen: 0.055 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.006 min
Lab File: VV027568.D
Acq: 29 Aug 2022 17:34

Tgt Ion:105 Resp: 1872
Ion Ratio Lower Upper
105 100
120 22.5 20.9 31.3
77 13.6 13.0 19.6





#62

1,3,5-Trimethylbenzene

Concen: 0.635 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.003 min

Lab File: VV027568.D

Acq: 29 Aug 2022 17:34

Instrument :

MSVOA_V

ClientSampleId :

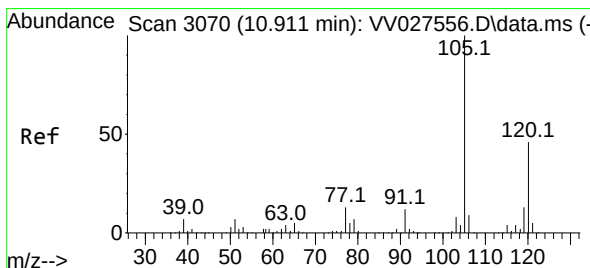
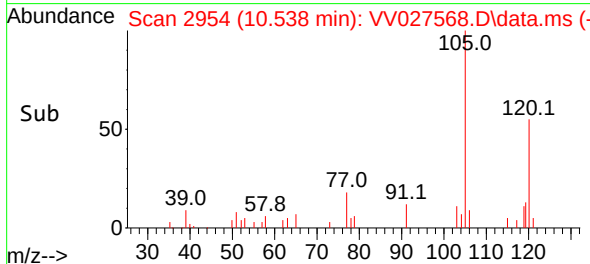
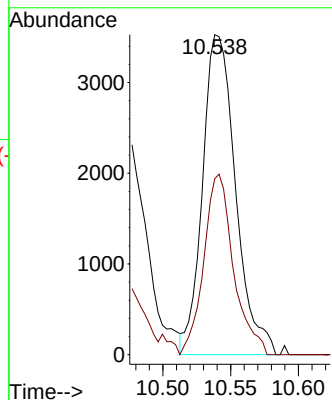
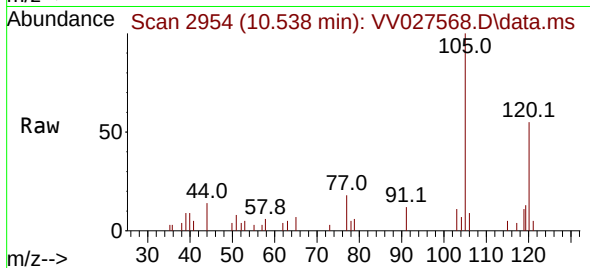
F5F16

Tgt Ion:105 Resp: 5989

Ion Ratio Lower Upper

105 100

120 50.7 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 0.522 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV027568.D

Acq: 29 Aug 2022 17:34

Tgt Ion:105 Resp: 13865

Ion Ratio Lower Upper

105 100

120 43.8 35.8 53.6

