

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081622\
 Data File : VV027408.D
 Acq On : 16 Aug 2022 12:45
 Operator : SY/MD
 Sample : N4133-06RE
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5E47RE

Quant Time: Aug 16 18:53:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 16 00:24:20 2022
 Response via : Initial Calibration

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

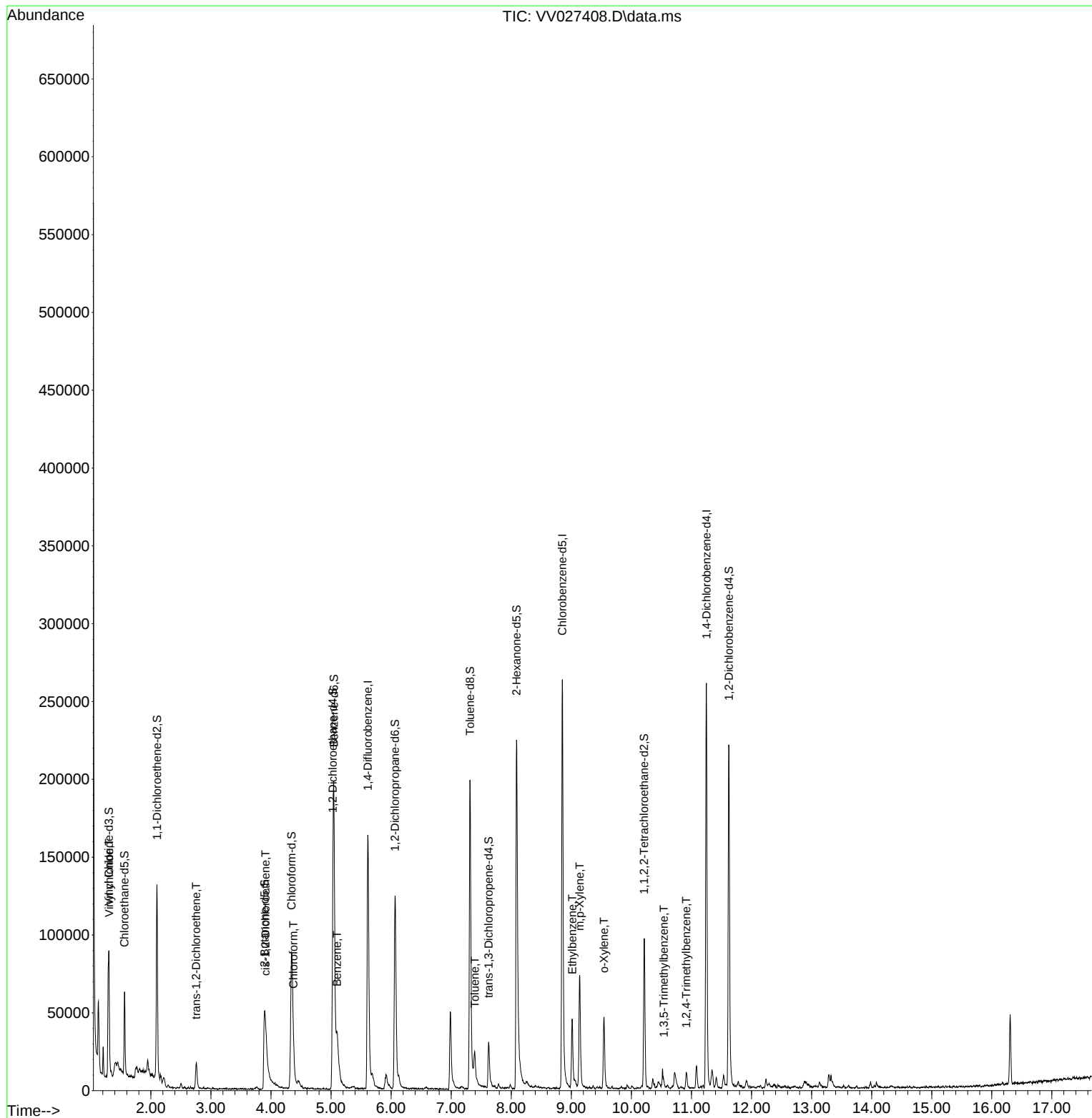
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	132696	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	143827	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66498	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	38567	3.345	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	67.000%	
7) Chloroethane-d5	1.561	69	34372	4.105	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	82.200%	
11) 1,1-Dichloroethene-d2	2.101	63	64340	3.077	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	61.600%	
20) 2-Butanone-d5	3.892	46	105326	53.946	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.900%	
24) Chloroform-d	4.342	84	83696	3.959	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.200%	
26) 1,2-Dichloroethane-d4	5.030	65	49540	4.918	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.400%	
32) Benzene-d6	5.047	84	168555	3.973	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.400%	
36) 1,2-Dichloropropane-d6	6.066	67	62948	4.798	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.000%	
41) Toluene-d8	7.313	98	134724	3.468	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	69.400%#	
43) trans-1,3-Dichloroprop...	7.622	79	18236	4.013	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.200%	
46) 2-Hexanone-d5	8.088	63	76419	43.456	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.920%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	45094	4.751	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	55516	4.837	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.800%	
Target Compounds						
5) Vinyl chloride	1.304	62	13558	0.922	ug/L	91
18) trans-1,2-Dichloroethene	2.754	96	6362	0.541	ug/L	93
22) cis-1,2-Dichloroethene	3.908	96	2958	0.256	ug/L	97
25) Chloroform	4.375	83	16631	0.719	ug/L	97
33) Benzene	5.098	78	34774	0.707	ug/L	100
42) Toluene	7.394	91	14319	0.292	ug/L	100
52) Ethylbenzene	9.014	91	29698	0.603	ug/L	98
53) m,p-Xylene	9.140	106	20383	1.085	ug/L	100
54) o-Xylene	9.545	106	10820	0.589	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	1693	0.146	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	5245	0.158	ug/L	99

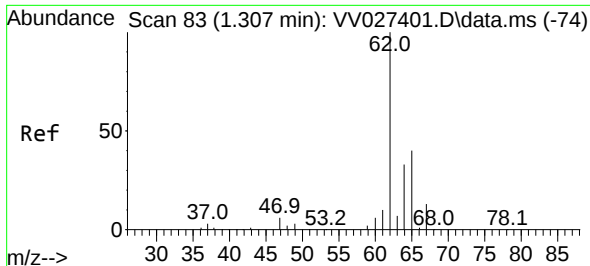
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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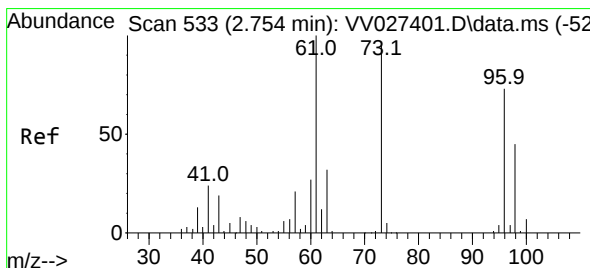
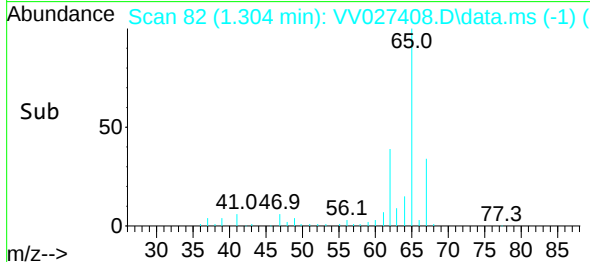
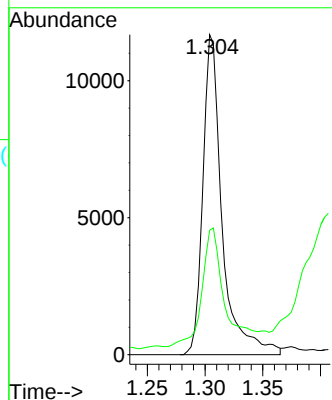
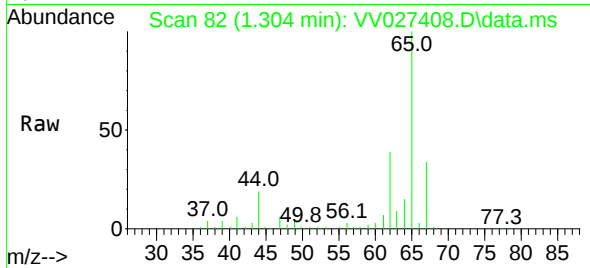




#5
 Vinyl chloride
 Concen: 0.922 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV027408.D
 Acq: 16 Aug 2022 12:45

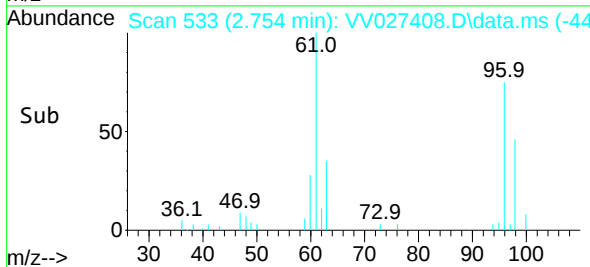
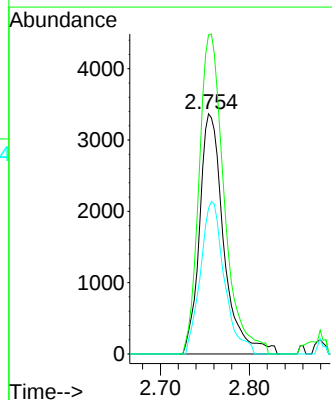
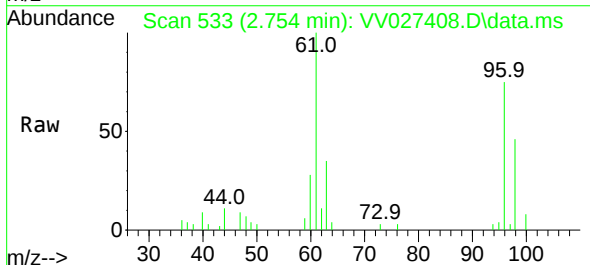
Instrument :
 MSVOA_V
 ClientSampleId :
 F5E47RE

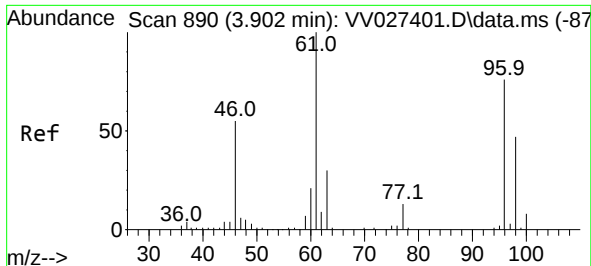
Tgt Ion: 62 Resp: 13558
 Ion Ratio Lower Upper
 62 100
 64 38.9 23.7 44.1



#18
 trans-1,2-Dichloroethene
 Concen: 0.541 ug/L
 RT: 2.754 min Scan# 533
 Delta R.T. 0.000 min
 Lab File: VV027408.D
 Acq: 16 Aug 2022 12:45

Tgt Ion: 96 Resp: 6362
 Ion Ratio Lower Upper
 96 100
 61 132.9 99.6 185.0
 98 60.6 45.1 83.7





#22

cis-1,2-Dichloroethene

Concen: 0.256 ug/L

RT: 3.908 min Scan# 89

Delta R.T. 0.006 min

Lab File: VV027408.D

Acq: 16 Aug 2022 12:45

Instrument :

MSVOA_V

ClientSampleId :

F5E47RE

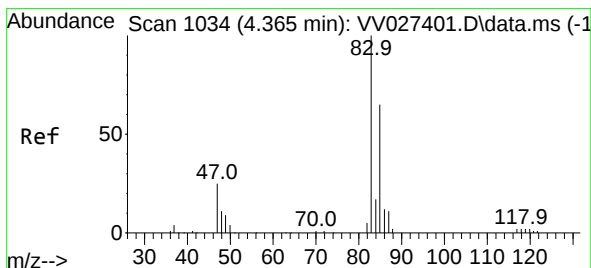
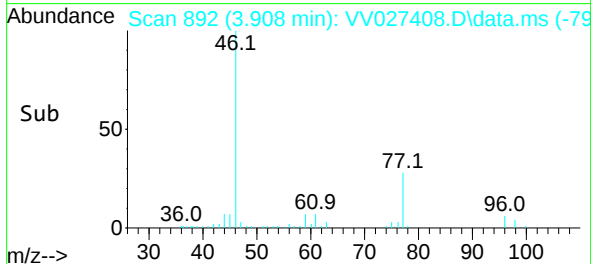
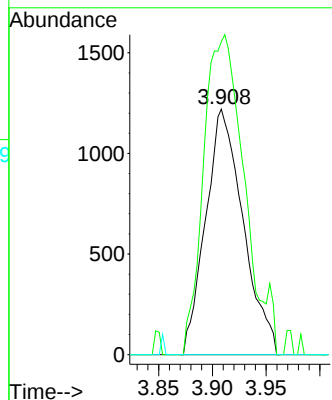
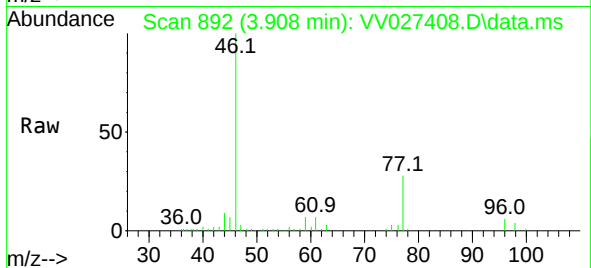
Tgt Ion: 96 Resp: 2958

Ion Ratio Lower Upper

96 100

61 127.5 91.3 169.5

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.719 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.010 min

Lab File: VV027408.D

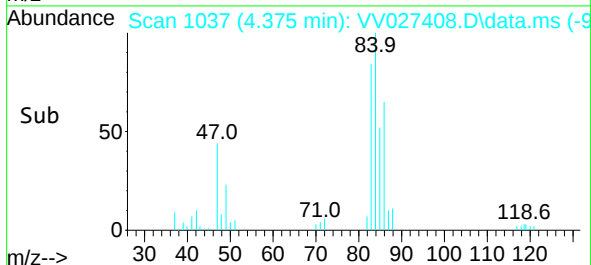
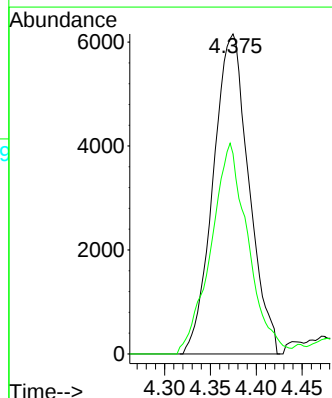
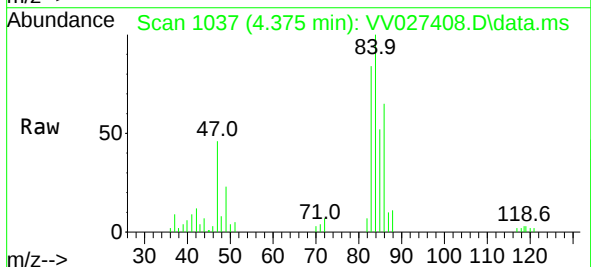
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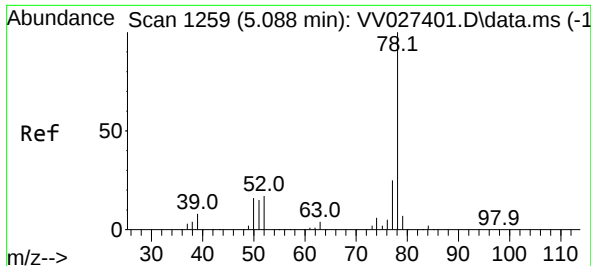
Tgt Ion: 83 Resp: 16631

Ion Ratio Lower Upper

83 100

85 62.6 45.2 84.0

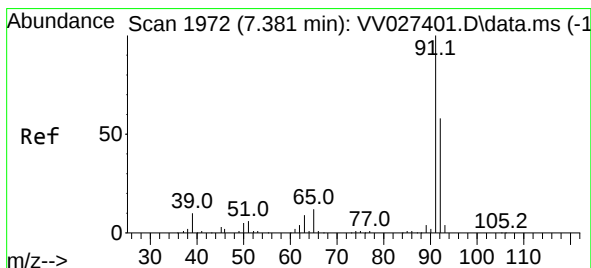
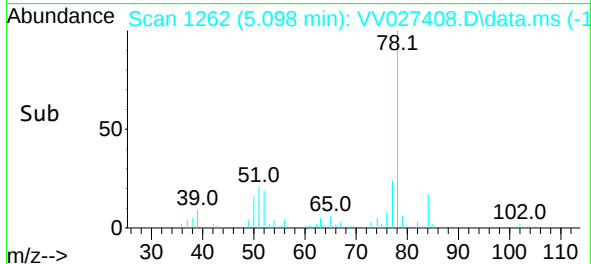
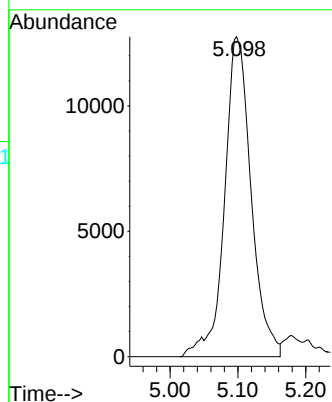
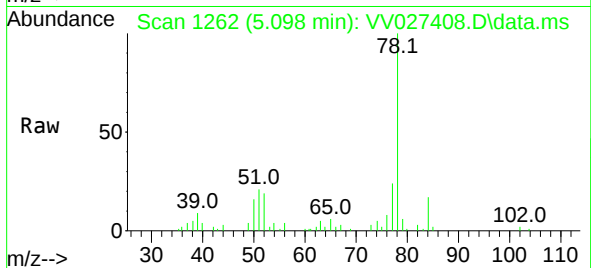




#33
Benzene
Concen: 0.707 ug/L
RT: 5.098 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV027408.D
Acq: 16 Aug 2022 12:45

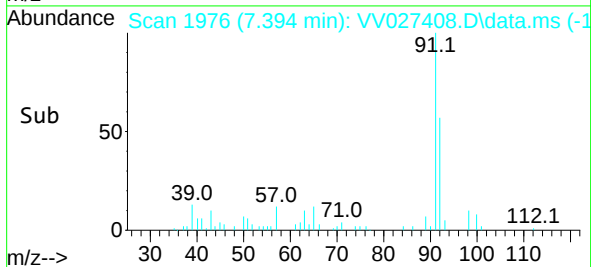
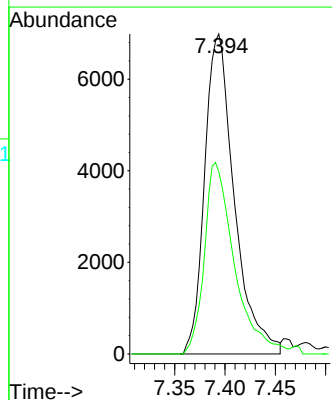
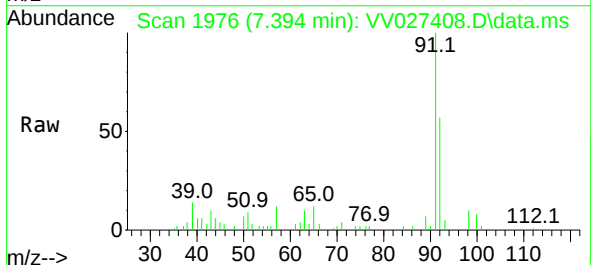
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F5E47RE

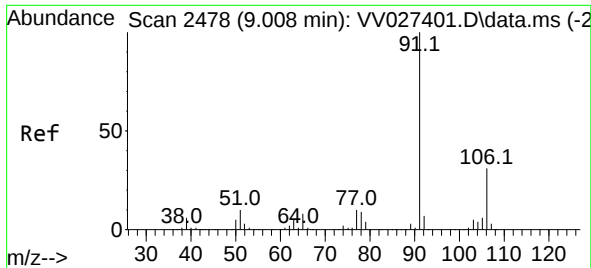
Tgt Ion: 78 Resp: 34774



#42
Toluene
Concen: 0.292 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.013 min
Lab File: VV027408.D
Acq: 16 Aug 2022 12:45

Tgt Ion: 91 Resp: 14319
Ion Ratio Lower Upper
91 100
92 57.0 39.9 74.1





#52

Ethylbenzene

Concen: 0.603 ug/L

RT: 9.014 min Scan# 2478

Delta R.T. 0.006 min

Lab File: VV027408.D

Acq: 16 Aug 2022 12:45

Instrument :

MSVOA_V

ClientSampleId :

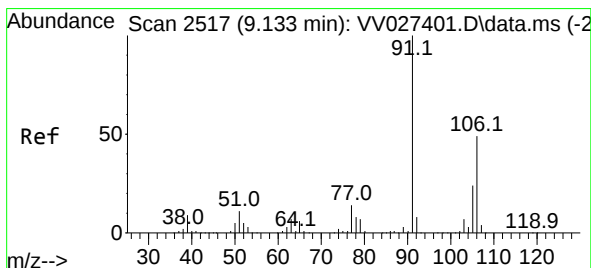
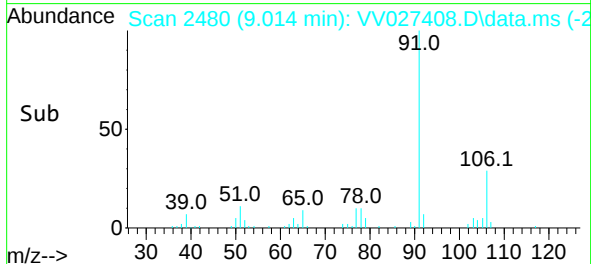
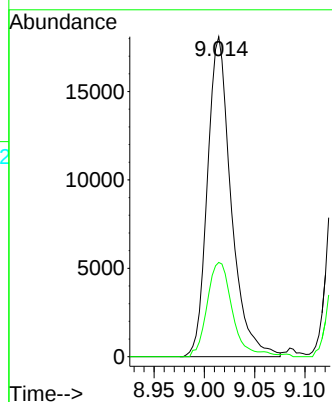
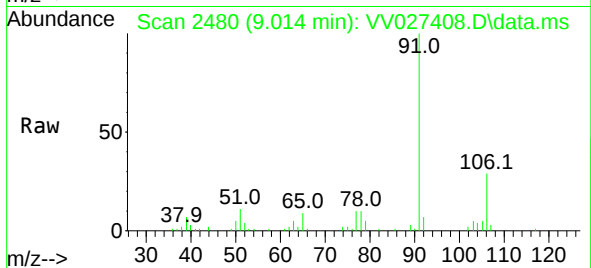
F5E47RE

Tgt Ion: 91 Resp: 29698

Ion Ratio Lower Upper

91 100

106 29.4 21.5 39.9



#53

m,p-Xylene

Concen: 1.085 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.006 min

Lab File: VV027408.D

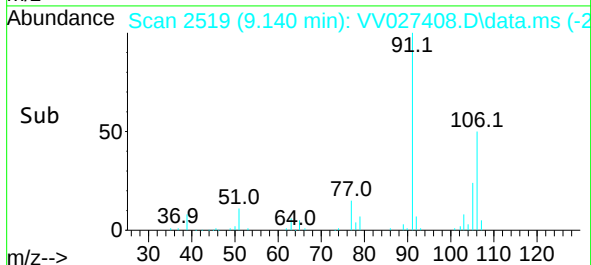
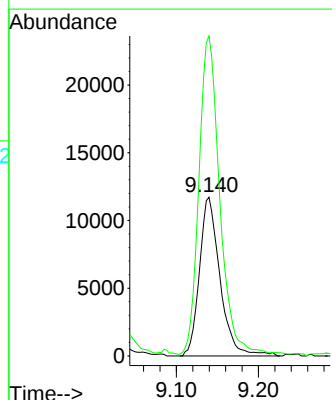
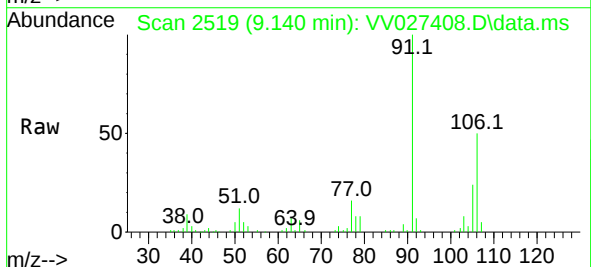
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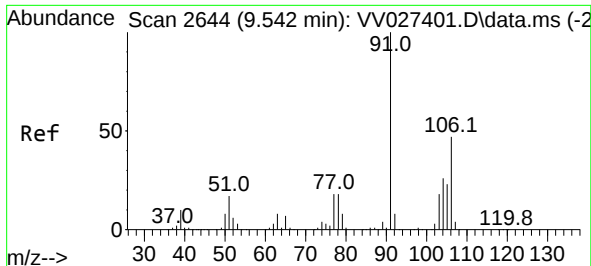
Tgt Ion: 106 Resp: 20383

Ion Ratio Lower Upper

106 100

91 201.6 141.5 262.9

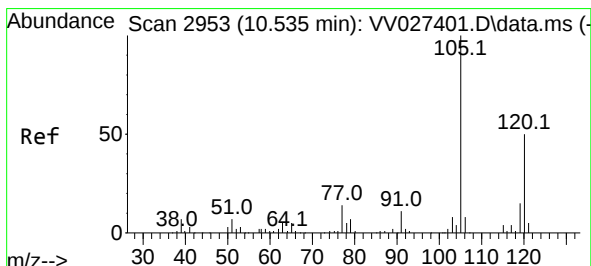
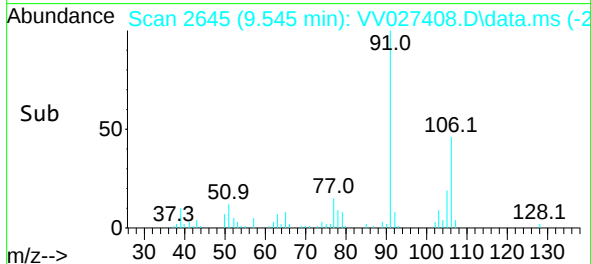
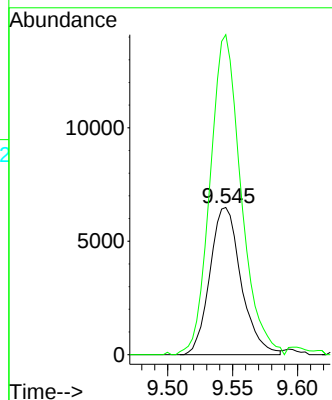
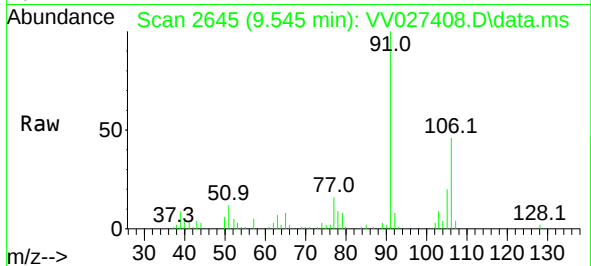




#54
o-Xylene
Concen: 0.589 ug/L
RT: 9.545 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027408.D
Acq: 16 Aug 2022 12:45

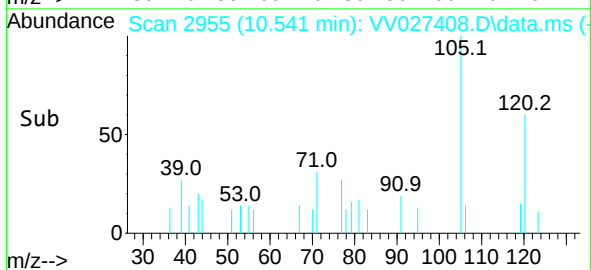
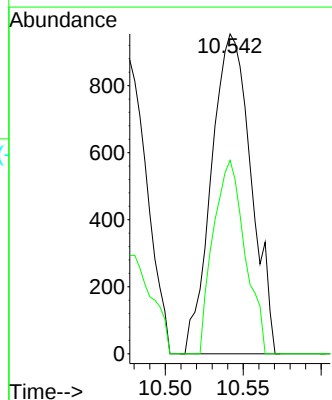
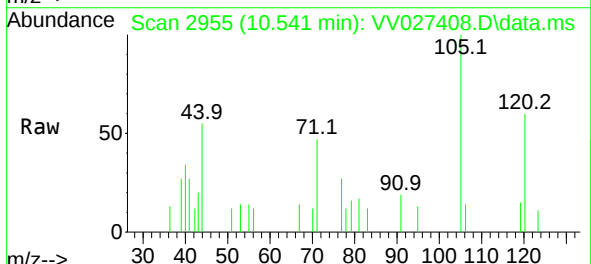
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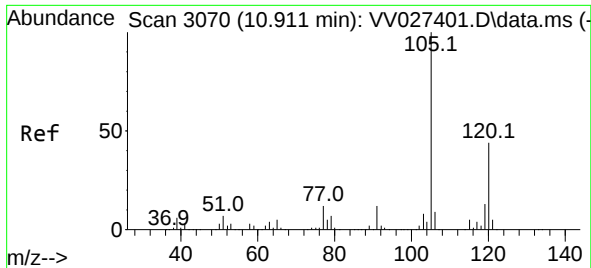
Tgt Ion:106 Resp: 10820
Ion Ratio Lower Upper
106 100
91 217.3 153.2 284.4



#62
1,3,5-Trimethylbenzene
Concen: 0.146 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. 0.006 min
Lab File: VV027408.D
Acq: 16 Aug 2022 12:45

Tgt Ion:105 Resp: 1693
Ion Ratio Lower Upper
105 100
120 48.1 38.2 57.4





#63
 1,2,4-Trimethylbenzene
 Concen: 0.158 ug/L
 RT: 10.914 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV027408.D
 Acq: 16 Aug 2022 12:45

Instrument :
 MSVOA_V
 ClientSampleId :
 F5E47RE

Tgt Ion:105 Resp: 5245
 Ion Ratio Lower Upper
 105 100
 120 45.8 36.2 54.2

